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World Health Organization

International Association
of
Cancer Registries

Cancer Incidence in Five Continents, Vol. IX

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Cancer Incidence in Five Continents

Volume IX

INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

The International Agency for Research on Cancer (IARC) was established in 1965 by the World Health Assembly, as an independently financed organization within the framework of the World Health Organization. The headquarters of the Agency are at Lyon, France.

The Agency conducts a programme of research concentrating particularly on the epidemiology of cancer and the study of potential carcinogens in the human environment. Its epidemiological studies are supplemented by studies of the mechanisms of carcinogenesis carried out in the Agency's laboratories in Lyon. The promotion of collaborative research among scientists worldwide is a strong feature of the Agency's activities. The Agency also conducts a programme for the education and training of personnel for cancer research.

The publications of the Agency are intended to contribute to the dissemination of authoritative information on different aspects of cancer research. A complete list is printed at the back of the book. Information about IARC publications and how to order them is also available via the Internet at: **http://www.iarc.fr/**

INTERNATIONAL ASSOCIATION OF CANCER REGISTRIES

The International Association of Cancer Registries (IACR) was created following a decision taken during the Ninth International Cancer Congress held in Tokyo, Japan, in 1966. The Association is a voluntary non-governmental organization in official relations with WHO, representing the scientific and professional interests of cancer registries, with members interested in the development and application of cancer registration and morbidity survey techniques to studies of well-defined populations.

The constitution provides for a Governing Body composed of a President, General Secretary, Deputy Secretary and nine regional representatives. From 1973 the IARC has provided a secretariat for the Association with the primary functions of organizing meetings and coordinating scientific studies. Information about the Association, including membership, activities and publications, can be found on the Internet at: **http://www.iacr.com.fr/**

International Agency for
Research on Cancer (WHO)

International Association
of Cancer Registries

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Volume IX

Edited by
M.P. Curado, B. Edwards, H.R. Shin,
H. Storm, J. Ferlay, M. Heanue and P. Boyle

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Contents

Foreword ix
Contributors to Introductory Chapters xi
Contributors xiii

Chapter 1. Introduction 1
M.P. Curado, H. R. Shin, J. Ferlay
Chapter 2. Techniques of registration 14
M.P. Curado
Chapter 3. Classification and coding 40
H. R. Shin
Chapter 4. Histological groups 61
L. Egevad, M. Heanue, D. Berney, K. Fleming, J. Ferlay
Chapter 5. Comparability and quality of data 67
H. R. Shin, M.P. Curado, J. Ferlay, M. Heanue, B. Edwards, H. Storm
Chapter 6. Processing of data 95
J. Ferlay
Chapter 7. Age-standardisation and denominators 99
M. Boniol, M. Heanue

THE NARRATIVES AND THE MAPS 103

Africa
Map of Africa 104
Algeria 105
Egypt 106
Tunisia 107
Uganda 108
Zimbabwe 110

Central and South America
Map of Central and South America 111
Argentina 112
Brazil 113
Chile 117
Colombia 118
Costa Rica 119
Ecuador 120
France, Martinique 121
Peru 122

North America
Maps of Canada and United States of America 123
Canada 124
United States of America 136

Asia
Maps of Asia 209
Bahrain 214
China 216

Cyprus 223
India 224
Israel 232
Japan 234
Korea 242
Kuwait 253
Malaysia 255
Oman 257
Pakistan 258
Philippines 260
Singapore 262
Thailand 264
Turkey 267

Europe

Maps of Europe 269
Austria 276
Belarus 280
Belgium 281
Bulgaria 283
Croatia 285
Czech Republic 286
Denmark 288
Estonia 290
Finland 292
France 293
Germany 303
Iceland 312
Ireland 313
Italy 314
Latvia 340
Lithuania 341
Malta 342
Norway 343
Poland 344
Portugal 348
Russia 350
Serbia 351
Slovak Republic 352
Slovenia 353
Spain 354
Sweden 368
Switzerland 369
The Netherlands 378
United Kingdom 382

Oceania

Map of Oceania 398
Australia 399
French Polynesia 411
New Zealand 413
USA, Hawaii 414

THE TABLES

Age-standardized and cumulative incidence rates (three-digit rubrics) 417
Age-standardized incidence rates by histological type 679
Indices of data quality 801
Cancer Incidence in Five Continents Volume VIII: Errata 895

Foreword

It is difficult to estimate the number of people around the world who work diligently to collect the data that are presented in *Cancer Incidence in Five Continents*. One thing is clear: it is a large number. Surgeons, oncologists, pathologists, radiologists, radiotherapists, epidemiologists, statisticians, coding clerks and many other staff from different specialist backgrounds engaged in medical practice and medical records contribute to the accurate diagnosis and coding of cancer.

Their combined work is summarised in the pages of this volume. *Cancer Incidence in Five Continents* (CI5) has become the recognised reference source on the incidence of cancer in populations around the world. The ninth volume has a wider coverage than before presenting data from around the year 2000 (ideally the period 1998–2002) not only for entire populations but also for sub-populations living in the same geographic area.

This volume presents incidence data from populations all over the world for which good quality data are available. Scanning through the information gives a clear presentation of the changing cancer patterns worldwide. The nine volumes of *Cancer Incidence in Five Continents* now cover a period of approximately forty years. These new data are meant to be used and be useful. Looking ahead, with the rapidly rising cancer burden in low-income and medium-income countries, more high-quality incidence data are needed from regions and countries in such settings. Reliable data are needed to establish the cancer burden and to monitor its evolution in all parts of the world, particularly in response to cancer control activities. Nurturing the development of cancer registration in such countries is of major importance and one issue that the International Agency for Research on Cancer is addressing.

On behalf of the International Agency for Research on Cancer, and the Editors, I would like to acknowledge the fruitful collaboration with the International Association of Cancer Registries, and IARC looks forward to the continual development of this collaboration. It is also a pleasure to acknowledge the directors and staff of all the registries who submitted their data, and responded to their series of questions and clarifications. Without their great efforts and dedication, information on the incidence of cancer, as made available in this volume, would not be available to all those concerned in the fight against cancer.

Peter Boyle, PhD
Director, IARC

Contributors to Introductory Chapters

Dan Berney
Department of Cellular Pathology
80 Newark St,
Whitechapel
London E1 2ES
United Kingdom

Mathieu Boniol
International Agency for Research on Cancer
Biostatistics and Epidemiology Cluster
Epidemiology Methods and Support Group
150 cours Albert Thomas
69372 Lyon cedex 08
France

Maria-Paula Curado
Registro de Cáncer de Base Populacional de Goiânia
(Cancer Registry of Goiania)
Associacao de Combate ao Câncer em Goiás
Rua 239 No. 209
Sector Oeste Universitário
74605-070 Goiânia - GO
Brazil

Brenda Edwards
National Cancer Institute
Suite 504, MSC 8315
6116 Executive Boulevard
Bethesda, MD 20892-8315
USA

Lars Egevad
International Agency for Research on Cancer
Pathogenesis and Prevention Cluster
Pathology Group
150 cours Albert Thomas
69372 Lyon cedex 08
France

Jacques Ferlay
International Agency for Research on Cancer
Biostatistics and Epidemiology Cluster
Data Analysis and Interpretation Group
150, cours Albert Thomas
69372 Lyon Cedex 08
France

Kenneth Fleming
Head of Medical Sciences Division
University of Oxford
Medical School Office – Level 3
John Radcliff Hospital
Headington
Oxford OX3 9du
United Kingdom

Mary Heanue
International Agency for Research on Cancer
Biostatistics and Epidemiology Cluster
Descriptive Epidemiology Production Group
150, cours Albert Thomas
69372 Lyon Cedex 08
France

Hai Rim Shin
Korea Central Cancer Registry
National Cancer Center
809 Madu-Dong, Ilsan-Gu
Goyang
Gyonggi 411-769
Korea

Hans Storm
Danish Cancer Registry
Dept. of Cancer Prevention & Documentation
Danish Cancer Society
Strandboulevarden 49, Box 839
2100 Copenhagen Ø
Denmark

IARC Secretariat
John Daniel; Office of the Director, Communications Group
Morten J. Ervik; Biostatistics and Epidemiology Cluster, Descriptive Epidemiology Production Group
Eric Masuyer; Biostatistics and Epidemiology Cluster, Data Analysis and Interpretation Group
Mathieu Mazuir; Biostatistics and Epidemiology Cluster, Descriptive Epidemiology Production Group

Contributors

Note: The contributors to this volume are listed below. Their names are given as communicated to the editors, hence the lack of consistency in presentation.

Without the patient cooperation of the contributing registries, the editors of this monograph would have had no material to edit. The editors hope that scientists will give due recognition to this fact and use the following style of reference when quoting the data from a given registry:

NORTH, A.B., SOUTH, C.D. Cancer Incidence in Antarctica, 1998-2002. In: Curado. M. P., Edwards, B., Shin. H.R., Storm. H., Ferlay. J., Heanue. M. and Boyle. P., eds (2007), Cancer Incidence in Five Continents, Vol. IX, IARC Scientific Publications No. 160, Lyon, IARC.

Africa

Algeria, Sétif
Sétif Cancer Registry
Hôpital Mère Enfant
19000
CHU de Sétif
Algeria
Tel: +(213) 36 91 13 85
Fax: +(213) 36 91 13 85
Email: hamdicherif@wissal.dz
mokhtar@globalink.org

Hamdi Cherif Mokhtar
Guerra Djahid
Abdellouche Djamel
Kadri Loubna
Zaidi Zoubida
Bourenane Cherif Sara
Mahnane abbes
Menaa Nadia
Laouamri slimane
Hamdi Meriem

Egypt, Gharbiah
Gharbiah Population-based Cancer Registry
P.O. Box 295
Tanta
Egypt
Tel.: +(20) 10-603-0480
Fax: +(20) 2-364-4720
E-mail: amalsamyibrahim@yahoo.com
ghb_1@hotmail.com

Amal S. Ibrahim
Hany Hussein
Kadry Ismail
Ahmed Hablas
Ibrahim Abdel Bar
Mohammad Ramadan
Hisham Elhamza

Tunisia, Central Region
Cancer Registry of Sousse
Laboratoire d'Anatomie pathologique
C.H.U. F. Hached
Rue Dr Moro
4002 Sousse
Tunisia
Tel.: +(216) 32-10355
Fax: +(216) 32-10355
E-mail: hmissa_s@yahoo.fr

Korbi Sadok
Hmissa Sihem
Jaidane Lilia
Chatti Danielle
Mokni Moncef

Uganda, Kyadondo County
Kampala Cancer Registry
Department of Pathology
Makerere University Medical School
PO Box 7072
Kampala
Uganda
Tel.: +(256) 41-531730 / 558731 / 17
Fax: +(256) 41-530412 / 543895
E-mail: cancer-reg@infocom.co.ug

Henry Wabinga
Sarah Nambooze
Juma Amero
Max Parkin

Zimbabwe, Harare
Zimbabwe National Cancer Registry
Parirenyatwa Hospital
P.O. Box A 449, Avondale
Harare
Zimbabwe
Tel.: +(263) 4-791631, ext. 152
Fax: +(263) 4-794445
E-mail: cancer.registry@healthnet.zw

E. Chokunonga
M.Z. Borok
B.G. Mauchaza
Z.M. Chirenje
A.M. Nyakabau

Central & South America

Argentina, Bahia Blanca
Registro Regional de Tumores del Sur de la Provincia de Buenos Aires
Lainez 2403
B8001DDU
Bahía Blanca
Argentina
Tel: +(54) 291-459-3669
Fax: +(54) 291-459-3669
E-mail: aapec1@criba.edu.ar

Eduardo A. Laura
Mariana S. Gonzalez
Vanina S. Mendiondo
Claudia Grimi
Elena Elverdin
Mario Aggio
Gustavo Salum
Miguel Aimale
Jorge Blasco
Diego Bereilh

Brazil, Brasilia
Registro de Cáncer de Base Populacional do Distrito Federal (Cancer Registry of Brasilia)
SIA Trecho 1
Lote 1730 Bloco E Sala 309
Brasilia, DF, Brazil Zip Code 71200-010
Brazil
Tel.: +(55) 61 340 32 601
Fax: +(55) 61 340 32 393
E-mail: cristinascandiuzzi@gmail.com

Elza Pastor Martinez
Maria Cristina Scandiuzzi
Maria José Amparo
Juliana Bernardo da Silva
Katia Silene da Silva Brandão
Aline Soares Dantas
Helena de Melo Franco

Brazil, Cuiaba
Registro de Cáncer de Base Populacional de Cuiabá
Brazil
Tel:+(55) 65-3613-5359.
Fax:+(55) 65 3613-5477
E-mail: copcca@ses.mt.gov.br
m_cris10@hotmail.com

Márcia Regina Gomes Pereira
Márcia Cristina Claudiano
Maria Ilma Castilho
Maria José Lemes de Oliveira
Lucelleuzy C. Campos Lima
Paulo César Fernandes de Souza
Wilson G. Pereira
Rubens Carlos de O Junior
Ney Pereira da Silva
Helen Rosane Meinke Curvo

Brazil, Goiânia
Registro de Cáncer de Base Populacional de Goiânia (Cancer Registry of Goiania)
Associaçao de Combate ao Câncer em Goiás
Rua 239 No. 209
Sector Oeste Universitário
74605-070 Goiânia - GO
Brazil
Tel.: +(55) 62-3243-7000
Fax: +(55) 62-3243-7076
E-mail: rcbpgo@gmail.com
Website: www.rcbp-goiania.com

Maria Paula Curado
Carleane Maciel Bandeira e Silva
Edesio Martins
Elcivone Cirineu de Sousa
Matinair Siqueira Mineiro
Jose Carlos de Oliveira

Brazil, Sao Paulo
Registro de Cáncer de São Paulo (Cancer Registry of Sao Paulo)
Faculdade de Saude Publica
Universidade de Sao Paulo
Av. Dr. Arnaldo, 715 - 1º andar, sala 112
Sao Paulo - SP
CEP 01246-904
Brazil
Tel.: +(55) 11-3061-7799
Fax: +(55) 11-3061-7799
E-mail: apmirra@usp.br

Antonio Pedro Mirra
Maria do Rosário Dias de Oliveira Latorre
José Maria Pacheco de Souza
Sabina Léa Davidson Gotlieb
Maria Lucia Lebrão
João Paulo Aché de Freitas
Carlos Marigo

Chile, Valdivia
Registro Poblacional del Cáncer Provincia de Valdivia Chile (Cancer Registry of Validivia)
Servicio de Salud Valdivia
Chacabuco No. 700
Valdivia
Chile
Tel.: +(56) 63-297875 / 297889
Fax: +(56) 63-297912 / 297895
E-mail: mbertran@ssvaldivia.cl

María Enriqueta Bertrán Vives
Katy Elena Heise Mora
Ana María Jofré Salazar

Colombia, Cali
Cali Cancer Registry
Department of Pathology
Faculty of Health Sciences
Universidad del Valle
P.O. Box 25360
Cali, Colombia
Tel.: +(57) 2-554-2489
Fax: +(57) 2-558-6304
E-mail: regcal@univalle.edu.co

Luis Eduardo Bravo
Edwin Carrascal
Tito Collazos
Luz Stella Garcia
Mariela Palacios
Julio Cesar Guarnizo
Juan Carlos Hernandez

Costa Rica,
Costa Rica National Tumor Registry
Registro Nacional de Tumores
Dirección de Vigilancia de la Salud
Ministerio de Salud
P.O. Box 10123-1000
San José
Costa Rica
Tel.: +(506) 221-1662
Fax: +(506) 221-1167
E-mail: aortiz@netsalud.sa.cr

Adolfo Ortíz Barboza
Georgina Muñoz
Guillermo Torres
María Guevara
Rosa María Vargas
Ricardo Rojas
Daniel Antich
Rolando Herrero

Ecuador, Quito
Registro Nacional de Tumores (National Cancer Registry)
Sociedad de Lucha Contra el Cancer
SOLCA, Núcleo de Quito
Av. Eloy Alfaro 53-94 y Los Pinos
Casilla 1711 4965 CCI
Quito
Ecuador
Tel.: +(593) 2-419763
Fax: +(593) 2-403123
E-mail: fbernardcorral@hotmail.com

Fabián Corral Cordero
Patricia Cueva Ayala
José Yépez Maldonado
María Belén Morejón
Mónica Galarza
Doris Chauca
Paulina Bedón

France, Martinique
Registre des Cancers de la Martinique (Cancer Registry of Martinique)
A.M.R.E.C.
Centre d'Affaires de Californie, Entrée Elodie
97232 Lamentin
France
Tel.: +(596)596603248
Fax: +(596)596704239
E-mail: amrec@wanadoo.fr

Moustapha Dieye
Jacqueline Véronique-Baudin
Carole Gentil
Marie José Dorival
Pierre Armel Ngasseu
Cyprian Draganescu
Juliette Smith Ravin
Roger Salamon
Hervé Azaloux

Peru, Trujillo
Registro de Cáncer de Base Poblacional de Trujillo (Population-Based Cancer Registry of Trujillo)
Calle Guillermo Charún 279
Urb. San Andrés
Trujillo
Peru
Tel.: +(51) 44-244377
Fax: +(51) 44-244261
E-mail: albujarb@ec-red.com

Pedro F. Albújar

North America

Canada
Canadian Cancer Registry
Health Statistics Division
Statistics Canada
Main Building, Room 2200
Ottawa, Ontario, K1A 0T6
Canada
Tel: +(1) 613-951-1775
Fax:+(1) 613-951-0792
E-mail: michel.cormier@statcan.ca
frieing@statcan.ca

Michel Cormier
Ginette Dussault
Sandra Ladouceur

Canada, Alberta
Alberta Cancer Registry
Alberta Cancer Board
Holy Cross, 5th Floor
Box ACB – 2210 – 2 Street SW
Calgary, AB T2S 3C3
Canada
Tel.: +(1) 403-698-8191
Fax: +(1) 403-698-8159
E-mail: heatherb@cancerboard.ab.ca

Heather Bryant
Carol Russell
Maxine Raphael
Lorette Bowers
Victoria McQuaid

Canada, British Columbia
British Columbia Cancer Registry
British Columbia Cancer Research Centre
Cancer Control Research Program
2nd floor, Room 115 - 675 West 10th Avenue
Vancouver, BC V5Z 1L3
Canada
Tel.: +(1) 604-675-8059
Fax: +(1) 604-675-8180
E-mail: mmcbride@bccancer.bc.ca

Mary McBride
Cathy MacKay

Canada, Manitoba
Epidemiology & Cancer Registry - CancerCare
Manitoba
Room 2114, 675 McDermot Ave.
Winnipeg, MB R3E OV9
Canada
Tel.: +(1) 204-787-2174
Fax: +(1) 204-786-0628
E-mail: Grace.Musto@cancercare.mb.ca

Canada, New Brunswick
New Brunswick Provincial Cancer Registry
P.O. Box 5100
Fredericton
New Brunswick, E3B 5G8
Canada
Tel.: +(1) 506-453-3092
Fax: +(1) 506-453-2780
E-mail: christofer.balram@gnb.ca

Christofer Balram
Wilfred Pilgrim
Suzanne Leonfellner

Canada, Newfoundland
Newfoundland Cancer Registry
Provincial Cancer Care Program, Eastern Health
Dr H. Bliss Murphy Cancer Centre
300 Prince Philip Drive
St. John's, NL
A1B 3V6
Canada
Tel.: +(1) 709-777-7602
Fax: +(1) 709-753-0927
E-mail: susan.ryan@easternhealth.ca

Susan Ryan
Sharon Smith

Canada, Northwest Territories
Northwest Territories Cancer Registry
Dept. of Health and Social Services
6th floor, Centre Square Tower
P.O. Box 1320
Yellowknife, NT XIA 2L9
Canada
Tel.: +(1) 867-873-3231
Fax: +(1) 867-873-0442
E-mail: andre_corriveau@gov.nt.ca

Canada, Nova Scotia
Nova Scotia Cancer Registry
Surveillance & Epidemiology Unit
1278 Tower Road, Room 569 Bethune Building
Halifax, Nova Scotia, Canada B3H 2Y9
Canada
Tel.: +(1) 902-473-5172
Fax: +(1) 902-473-4425
E-mail: epi.unit@ccns.nshealth.ca

Maureen MacIntyre
Ron Dewar

Canada, Ontario
Cancer Care Ontario
620 University Avenue, 12th Floor
Toronto, Ontario, M5G 2L7
Canada
Tel.: +(1) 416-971-9800,
Fax: +(1) 416-971-6888
E-mail: maryjane.king@cancercare.on.ca

Kamini Milnes
Mary Jane King
Phil Parsons
Karen Hofmann
Jeff Bowler
Susan Sargant
Joshua Mazuryk

Canada, Prince Edward Island
Prince Edward Island Cancer Registry
Queen Elizabeth Hospital
P.O. Box 6000
Charlottetown, PE C1A 8T5
Canada
Tel.: +(1) 902-894-2167
Fax: +(1) 902-894-2187
E-mail: ddryer@isn.net

Dagny Dryer

Canada, Saskatchewan
Saskatchewan Cancer Registry
Saskatchewan Cancer Agency
4101 Dewdney Avenue
Regina, Saskatchewan, S4T 7T1
Canada
Tel.: +(1) 306-766-2695
Fax: +(1) 306-766-2179
E-mail: heather.stuart@scf.sk.ca

H. Stuart
K. Robb
T. Goh
D. Popkin

USA, Alabama
Alabama Statewide Cancer Registry
201 Monroe St.
Suite 1480
Montgomery
AL 36130
USA
Tel.: +00-251-438-2809
Fax: +00-251-432-3238
E-mail: vnelson@adph.state.al.us

Janice Cook
Vicki Nelson
Shirley Bowman
XJ Shen
Justin George
Diane Hadley
Regina Dillard
Mark Jackson
Shri Walker
Shirley Williams
Bobbie Bailey
Tracey Taylor

USA, Alaska
Alaska Cancer Registry
3601 C Street Suite 722
P.O Box 240249
Anchorage
AK 99524-0249
USA
Tel.: +00-907-269-8037
Fax: +00-907-561-1896
E-mail: annmarie_bailey@health.state.ak.us

Ann Marie Bailey
David K. O'Brien
Elizabeth J. Blair
Jim G. Whitecavage
Chris J. Geri

USA, Arizona
Arizona Cancer Registry
Arizona Department of Health Services
150 N. 18th Avenue
Suite 550
Phoenix
Arizona 85007-3248
USA
Tel.: +00-602-542-7320
Fax: +00-602-542-7362
E-mail: yeega@azdhs.gov

Georgia Armenta Yee
Richard S. Porter
Timothy J. Flood

USA, California
Cancer Surveillance & Research Branch
California Department of Public Health
California Cancer Registry
1700 Tribute Road, Suite 100
Sacramento, CA 95815-4402
USA
Tel.: +(1) 916-779-0303
Fax: +(1) 916-779-0264
E-mail: ksnipes@ccr.ca.gov

Kurt Snipes
Margaret McCusker
Rosemary Cress
Janet Bates
Dennis Deapen
Dee West

USA, California, Los Angeles County
Los Angeles County Cancer Surveillance Program
Keck School of Medicine
University of Southern California,
1540 Alcazar Street, CHP 204
Los Angeles, CA 90033-1042
USA
Tel.: +(1) 323-442-1574
Fax: +(1) 323-442-2301
E-mail: ddeapen@usc.edu

Dennis Deapen
Leslie Bernstein
Lihua Liu
Dianne Kerford
Peg Balcius
Donna Morrell

USA, California, San Francisco Bay Area
Greater Bay Area Cancer Registry
Northern California Cancer Center
2201 Walnut Avenue, Suite 300
Fremont, CA 94538
USA
Tel.: +(1) 510-608-5000
Fax: +(1) 510-608-5085
E-mail: tina@nccc.org

Sally L. Glaser
Dee W. West
Kathleen Davidson-Allen
Christina A. Clarke
Scarlett Lin Gomez

USA, Colorado
Colorado Central Cancer Registry
State Department of Health
4300 Cherry Creek Drive South
Denver, CO 80246-1530
USA
Tel.: +(1) 303-692-2540
Fax: +(1) 303-691-7721
E-mail: rrycroft@smtpgate.dphe.state.co.us

Jack Finch
Randi Rycroft
Kieu Vu

USA, Connecticut
Connecticut Tumor Registry
State of Connecticut, Dept. of Public Health
410 Capitol Avenue, MS# 13TMR
P.O. Box 340308
Hartford, CT 06134-0308
USA
Tel.: +(1) 860-509-7163
Fax: +(1) 860-509-7161
E-mail: cathryn.phillips@po.state.ct.us

USA, District of Columbia
District of Columbia Cancer Registry
825 North Capital Street, NE.
Room 3145
Washingon DC
20002
USA
Tel.: +00-202-442-5910
Fax: +00-202-442-9432
E-mail: aaron.adade@dc.gov

Aaron Adade
Genevieve Matanoski
Xuguang (Grant) Tao
Emmanuel Nwokolo

USA, Florida
Florida Cancer Data System
Sylvester Comprehensive Cancer Center
University of Miami School of Medicine
P.O. Box 016960 (D4-11)
Miami, Fl 33101
USA
Tel.: +(1) 305-243-4600
Fax: +(1) 305-243-4871
E-mail: lfleming@med.miami.edu

Youjie Huang
Lora E. Fleming
Jill A. MacKinnon

USA, Georgia
Georgia Comprehensive Cancer Registry
2 Peachtree Street
NW 14th Floor
Atlanta, Georgia 30303
USA
Tel.: +(1) 404 657 1943
Fax: +(1) 404 463 0780
E-mail: arbayakly@dhr.state.ga.us

A. Rana Bayakly
Carol Crosby
Margaret Padgett
Betty Gentry
Sheree Holloway
Judy Andrews
John Young
Kevin Ward
May Ting Liu
Phyllis Wilson
John Horan

USA, Georgia, Atlanta
Metropolitan Atlanta, Georgia SEER Registry
GA Center for Cancer Statistics
Rollins School of Public Health, Emory University
1518 Clifton Road NE
Atlanta, GA 30322
USA
Tel.: +(1) 404-727-8487
Fax: +(1) 404-727-7261
E-mail: jlyoung@sph.emory.edu

John L. Young, Jr.
Jonathan Liff
Kevin C. Ward
Phyllis Wilson

USA, Idaho
Cancer Data Registry of Idaho
615 N.7th Street
Boise
ID 83702
USA
Tel.: +00-208-338-5100
Fax: +00-208-338-7800
E-mail: scarson@teamiha.org

Stacey L. Carson
Christopher J. Johnson
Denise Jozwik

USA, Illinois
Illinois State Cancer Registry
Division of Epidemiologic Studies
Illinois Department of Public Health
605 W. Jefferson St
Springfield, IL 62761
USA
Tel.: +(1) 217-785-7132
Fax: +(1) 217-524-1770
E-mail: tiefu.shen@illinois.gov

Tiefu Shen
Melinda Lehnherr
Jan Snodgrass

USA, Indiana
Indiana State Cancer Registry
Indiana State Department of Health
2 N. Meridian St., Sec. 5-L
Indianapolis IN 46204
USA
Tel.: +00-317-233-7424
Fax: +00-317-233-7722
E-mail: mgraves@isdh.in.gov

Martha Graves

USA, Iowa
State Health Registry of Iowa
Department of Epidemiology
2600 University Capitol Centre
University of Iowa
Iowa City, IA 52242
USA
Tel.: +(1) 319-335-8609
Fax: +(1) 319-335-8610
E-mail: charles-lynch@uiowa.edu

Charles F. Lynch
Charles E. Platz
Kathleen M. McKeen

USA, Kentucky
Kentucky Cancer Registry
2365 Harrodsburg Road, Suite A230
Lexington, KY 40504-3381
USA
Tel.: +(1) 859-219-0773
Fax: +(1) 859-219-0557
E-mail: tct@kcr.uky.edu

Thomas C Tucker
Frances Ross
Eric Durbin

USA, Louisiana
Louisiana Tumor Registry
School of Public Health
Louisiana State University Health Sciences Center
2021 Lakeshore Drive, Ste. 201
New Orleans, LA 70122
USA
Tel.: +(1) 504-280-1564
Fax: +(1) 504-280-1590
E-mail: vchen@lsuhsc.edu

Vivien W. Chen
Xiaocheng Wu
Meichin Hsieh
Patricia A. Andrews
Catherine N. Correa

USA, Louisiana New Orleans
Louisiana Tumor Registry
School of Public Health
Louisiana State University Health Sciences Center
2021 Lakeshore Drive, Ste. 201
New Orleans, LA 70122
USA
Tel.: +(1) 504-280-1564
Fax: +(1) 504-280-1590
E-mail: vchen@lsuhsc.edu

Vivien W. Chen
Xiaocheng Wu
Meichin Hsieh
Patricia A. Andrews
Catherine N. Correa

USA, Maine
Maine Cancer Registry
Maine Bureau of Health
State House Station 11
Key Bank Plaza, 4th floor
Augusta, ME 04333
USA
Tel.: +(1) 207-287-5296
Fax: +(1) 207-287-4631
E-mail: molly.schwenn@maine.gov

Castine Verrill
Molly Schwenn

USA, Massachusetts
Massachusetts Cancer Registry
Department of Public Health
250 Washington Street 6th floor
Boston, MA 02108-4619
USA
Tel.: +(1) 617-624-5646
Fax: +(1) 617-624-5695
E-mail: susan.gershman@state.ma.us

Susan T. Gershman
Mary Jane King

USA, Michigan
Michigan Cancer Surveillance Program
201 Townsend
P.O. Box 30691
Lansing, MI 48909
USA
Tel.: +(1) 517-335-8677
Fax: +(1) 517-335-9513
E-mail: copelandg@michigan.gov

Glenn Copeland
Won Silva
Georgia Spivak
Michelle Hulbert
Georgetta Alverson

USA, Michigan Detroit
Metropolitan Detroit Cancer Surveillance System
Wayne State University
Karmanos Cancer Institute
110 East Warren Ave.
Detroit, MI 48201
USA
Tel.: +(1) 313-578-4201
Fax: +(1) 313-578-4306
E-mail: schwarta@karmanos.org

Ann G. Schwartz

USA, Missouri
Missouri Cancer Registry
324 Clark Hall
Columbia
Missouri 65211
USA
Tel.: +00-573-882-7775
Fax: +00-573-884-9655
E-mail: jacksonthompsonj@health.missouri.edu

Jeannette Jackson-Thompson
Sue Vest
Nancy Cole
Gentry White

USA, Montana
Montana Central Tumor Registry
1400 Broadway
Room C317
PO Box 202952
Helena
MT 59620
USA
Tel.: +00-406-444-6786
Fax: +00-406-444-6557
E-mail: dlemons@mt.gov

Debbi Lemons

USA, New Jersey
New Jersey State Cancer Registry
P.O. Box 369
Trenton, NJ 08525-0369
USA
Tel.: +(1) 609-588-3500
Fax: +(1) 609-588-3638
E-mail: betsy.kohler@doh.state.nj.us

Betsy A. Kohler
Susan Van Loon
Xiaoling Niu
Toshi Abe

USA, New Mexico
New Mexico Tumor Registry
MSC11 6020
1 University of New Mexico
Albuquerque, NM 87131-0001
USA
Tel.: +(1) 505-272-3127
Fax: +(1) 505-272-8572
E-mail: ckey@nmtr.unm.edu

Charles L. Wiggins
Virginia Williams
Charles R. Key.

USA, New York State
New York State Cancer Registry
N.Y. State Dept of Health
Corning Tower - Room 536
Empire State Plaza
Albany, NY 12237-0679
USA
Tel.: +
Fax: +
E-mail: mjs08@health.state.ny.us

Maria J. Schymura
Amy Kahn
Colleen G. Sherman
Colleen C. McLaughlin

USA, NPCR
Cancer Surveillance Branch
Division of Cancer Prevention and Control
Centers for Disease Control and Prevention
4770 Buford Highway NE, Mail Stop K53
Atlanta, GA 30341-3717
Tel.: +(1) 770-488-3005
Fax: +(1) 770-488-4759
E-mail: hbw4@CDC.GOV

Hannah Weir
Cheryll Cardinez

USA, Ohio
Ohio Cancer Incidence Surveillance System
246 N. High Street, PO Box 118
Columbus, OH 43216-0118
USA
Tel.: +00-614-644-7058
Fax: +00-614-644-1909
E-mail: bette.smith@odh.ohio.gov

Robert Campbell
Bette Smith
Holly Engelhardt
William Ruisinger

USA, Oklahoma
Oklahoma Central Cancer Registry
1000 NE 10th Street
Room 1205
P.O Box 53551
Oklahoma City
OK 74117-1299
USA
Tel.: +00-405-271-4072/57119
Fax: +00-405-271-6315
E-mail: charlotr@health.ok.gov

Adeline Yerkes
Janis Campbell
Charlotte Russell

USA, Oregon
Oregon State Cancer Registry
800 NE Oregon Street
Ste 730
Portland
OR 97232
USA
Tel.: +00-971-673-0986
Fax: +00-971-673-0996
E-mail: donald.k.shipley@state.or.us

Donald Shipley
Claudia Feight

USA, Pennsylvania
Pennsylvania Cancer Registry
Health Statistics and Research
PA Department of Health
555 Walnut Street, 6th Floor
Harrisburg, PA 17101-1914
USA
Tel.: +00-717-783-2548
Fax: +00-717-773-3258
E-mail: ROOTTO@state.pa.us

Raymond K. Powell
Jerry Orris

USA, Rhode Island
Rhode Island Cancer Registry
Rhode Island Department of Health
3 Capitol Hill, Room 403
Providence, RI 02908-5097
USA
Tel.: +(1) 401-277-1172
Fax: +(1) 401-277-3551
E-mail: john.fulton@health.ri.gov

John P. Fulton
Leanne C. Chiaverini
David Rousseau

USA, SEER
Surveillance Research Program
National Cancer Institute
Suite 504, MSC 8315
6116 Executive Blvd
Bethesda, MD 20892-8315
USA
Tel.: +(1) 301-496-8506
Fax: +(1) 301-480-4077
E-mail: edwardsb@mail.nih.gov

USA, South Carolina
South Carolina Central Cancer Registry
SC DHEC
2600 Bull St.
Columbia
SC 29201
USA
Tel.: +00-803-731-1419
Fax: +00-803-898-3599
E-mail: bolicks@dhec.sc.gov

Susan Bolick-Aldrich
Virginia Andrews
Catishia Mosley
Deborah Hurley

USA, Texas
Texas Cancer Registry
1100 West 49th Street
Austin TX 78756
USA
Tel.: +00-512-458-7523
Fax: +00-512-458-7681
E-mail: Melanie.Williams@dshs.state.tx.us

Melanie Williams

USA, Utah
Utah Cancer Registry
650 Komas Drive, Suite 106B
Salt Lake City, UT 84108
USA
Tel.: +(1) 801-581-8407
Fax: +(1) 801-581-4560
E-mail: nan.stroup@hsc.utah.edu

Antoinette M. Stroup
Wallace Akerley
Rosemary Dibble

USA, Vermont
Vermont Cancer Registry
108 Cherry Street
Burlington, VT 05401
USA
Tel.: +00-802-863-7644
Fax: +00-802-652-4157
E-mail: ajohnso@vdh.state.vt.us

Ali Johnson

USA, Washington
Washington State Cancer Registry
PO Box 47855
Olympia, WA, 98597-4855
USA
Tel.: +(1) 360-236-3624
Fax: +(1) 360-586-2714
E-mail: kathryn.golub@doh.wa.gov

Kathryn Golub
Mahesh Keitheri Cheteri

USA, Washington, Seattle
SEER-Puget Sound/Seattle
Fred Hutchinson Cancer Research Center
1100 Fairview Ave. North, MD-B706
P.O. Box 19024
Seattle, WA 98109-1024
USA
Tel.: +(1) 206-667-4716
Fax: +(1) 206-667-4870
E-mail: sschwart@fhcrc.org

Thomas L. Vaughan
Stephen M. Schwartz
Mary S. Potts

USA, West Virginia
West Virginia Cancer Registry
350 Capitol Street, Room 125
Charleston,WV 25301USA
USA
Tel.: +(1) 304 558 6421
Fax: +(1) 304 558 4463
E-mail: patcolsher@wvdhhr.org

Patricia Colsher

USA, Wisconsin
Wisconsin Cancer Reporting System
Dept. of Health and Family Services
Wisconsin Division of Public Health
P.O. Box 2659
Madison, WI 53701
USA
Tel.: +(1) 608-266-8926
Fax: +(1) 608-264-9881
E-mail: stephla@dhfs.state.wi.us

Laura Stephenson
Mary Foote
Robert Borchers
Kim Ortman
LuAnn Hahn
Diane Austin

Asia

Bahrain
Bahrain Cancer Registry
Medical Review Office
P.O. Box 12
Manama
Bahrain
Tel.: +(973) 1727-9843
Fax: +(973) 1727-3540
E-mail: jsayyad@health.gov.bh

Jamal Alsayyad
Adulkareem Ateya
Abdulla Darwish

China, **Guangzhou**
Guangzhou Cancer Registry
Cancer Center
Sun Yat-sen Unviversity
651 Dongfeng Road
East Guangzhou 510060
China
Tel: +(86) 20-873-43283
Fax: +(86) 20-873-43293
Email: caokajia@mail.sysu.edu.cn

Kajia Cao
Guosheng Ma
Qiaoyang Fan
Chuanzhong Yin
Yilong Liu
Ziqun Liu
Fang Deng

China, Hong Kong
Hong Kong Cancer Registry
C/o Department of Clinical Oncology
Queen Elizabeth Hospital
30 Gascoigne Road
Kowloon, Hong Kong
China
Tel.: +(852) 2958-6021
Fax: +(852) 2958-5559
E-mail: cancereg@ha.org.hk

Stephen Chun Key Law
Oscar W.K. Mang

China, Jiashan
Jiashan County Cancer Registry
142 Garden Road
Weitang Town
Jiashan County
314100 Zheijiang Province
China
Tel.: +(86) 573-402-4016
Fax: +(86) 571-814-7297
E-mail: zgzl@mail.hz.zj.cn

Xinyuan Ma
Kaiyan Yao
Wanli Ma
Qilong Li
Lingling Yu
Ning Zhao
Xiaogang Huang

China, NanGang District, Harbin City
Epidemic Prevention Station of Nan Gang District
Wen Chang Street 227
Nan Gang District
Harbin 150040
China
Tel.: +(86) 451-8621-2954
Fax: +(86) 451-8622-1502
E-mail: ngqfyz@hotmail.com

Shu Ling Wu
Hui He
Li Qiu Yang
Hui Li Han
Xiao Li Shan
Bo Y u

China, Shanghai
Shanghai Municipal Center for Disease Control and Prevention
Shanghai Municipal Center for Disease Control & Prevention
1380 Zhong Shan Road (West)
Shanghai 200336
China
Tel.: +(86) 21-6275-8710 / 1314
Fax: +(86) 21-6208-4193
E-mail: ytgao@vip.sina.com

Yu-Tang Gao
Fan Jin
Yongbing Xiang
Wei Zhang
Wei Lu
Ying Zheng
Kai Gu
Pingping Bao
Guixiang Song
Ming Han

China, Zhongshan
Zhongshan Cancer Research Institute
East-Sun-Wen Road
Guangdong 528403
Zhongshan City
China
Tel.: +
Fax: +
E-mail: zszlzl@yahoo.com.cn

Wang De Kun
Yu Yuan Long
Wei Kuang-rong
Liang ZHi-heng
Ren Xiao-qing

Cyprus
Cyprus Cancer Registry
c/o Ministry of Health
10 Markou Drakou Str.
1448 Lefkosia
Cyprus
Tel.: +(357) 22603001
Fax: +(357) 22603154
E-mail: cancer.registry@moh.gov.cy

Charitini Komodiki

India, Chennai (Madras)
Madras Metropolitan Tumour Registry
Cancer Institute (W.I.A.)
38, Sardar Patel Road
Chennai - 600 036
India
Tel.: +(91) 44-2491-0754 / 1526
Fax: +(91) 44-2491-2085
E-mail: rajaraman.swaminathan@yahoo.co.uk

V. Shanta
R. Swaminathan
S. Nalini
M. Kavitha
R. Rama

India, Karunagappally
Rural Cancer Registry, Karunagappally
Natural Background Radiation Cancer Registry (NBRR)
Puthenthura P.O.
Neendakara, Kollam District
Kerala 691588
India
Tel.: +(91) 476-620609
Fax: +
E-mail: qln_nbrrkply@sancharnet.in

P. Jayalekshmi
B. Rajan

India, Mumbai
Mumbai Cancer Registry
c/o Mumbai Cancer Registry
74 Jerbai Wadia Rd
Parel, Mumbai - 400012
India
Tel.: +(91) 22-2412-2351
Fax: +(91) 22-2412-2351
E-mail: bcrics@vsnl.com

Balkrishna B.Yeole
Arun P. Kurku

India, Nagpur
Nagpur Cancer Registry
c/o Mumbai Cancer Registry
74 Jerbai Wadia Rd
Parel, Mumbai - 400012
India
Tel.: +(91) 22-2412-2351
Fax: +(91) 22-2412-2351
E-mail: bcrics@vsnl.com

Balkrishna B.Yeole
Arun P. Kurkure
Varsha Sagdeo

India, New Delhi
Delhi Population Based Cancer Registry
Dr B.R. Ambedkar Institute Rotary Cancer Cancer Hospital
All India Institute of Medical Sciences
New Delhi, 110 029
India
Tel: (91) 11 25 688 700,
(91) 11 26 588 900 ext 4823
Fax: (91) 11 26 588 408
E-mail: btyagi51@yahoo.co.in

B.B. Tyagi
N. Manoharan
Vinod Raina

India, Poona
Poona Cancer Registry
c/o Mumbai Cancer Registry
74 Jerbai Wadia Rd
Parel, Mumbai - 400012
India
Tel.: +(91) 22-2412-2351
Fax: +(91) 22-2412-2351
E-mail: bcrics@vsnl.com

Balkrishna B.Yeole
Arun P. Kurkure
S.S.Javadekar

India, Trivandrum
Trivandrum Cancer Registry
Regional Cancer Center
P.O. Box 2417
Trivandrum
695 011, Kerala
India
Tel.: +(91) 471-2443128
Fax: +(91) 471-244 7454
E-mail: amathew@rcctvm.org

Aleyamma Mathew
B. Vijayaprasad
P. Jayakumar
B. Rajan

Israel
Israel National Cancer Registry
4 Shalom Yehuda St.
P.O. Box 1176
Jerusalem 91010
Israel
Tel.: +(972) 2-670-6818
Fax: +(972) 2-670-6884
E-mail: micha.barchana@moh.health.gov.il

Micha Barchana
Irena Liphshitz
Rachel Alon

Japan, Aichi Prefecture
Aichi Cancer Registry
c/o Division of Epidemiology & Prevention
Aichi Cancer Center Research Institute
I-I Kanokoden, Cikusa-ku
Nagoya 464-8681
Japan
Tel.: +(81) 52-762-6111
Fax: +(81) 52-763-5233
E-mail: kmatsuo@aichi-cc.jp

Kazuo Tajima
Hidemi Ito
Keitaro Matsuo
Manami Inoue
Tsuneo Masui
Sachiko Hiraiwa
Mariko Nakano

Japan, Fukui Prefecture
Fukui Prefectural Cancer Registry
Fukui Social Insurance Hospital
2-6-21 Nagayama-cho
Katuyama-shi 911-8558
Japan
Tel.: +
Fax: +
E-mail: fsih-08@crocus.ocn.ne.jp

Manabu Fujita
Masakazu Hattori

Japan, Hiroshima
Hiroshima City Cancer Registry
Department of Epidemiology
Radiation Effects Research Foundation
5-2 Hijiyama Park, Minami-ku
Hiroshima 732-0815
Japan
Tel.: +(81) 82-261-3131
Fax: +(81) 82-262-9768
E-mail: nnishi@rerf.or.jp

Nobuo Nishi
Hiromi Sugiyama
Hiroaki Katayama
Kazunori Kodama
Hirofumi Okuno
Masao Kuwabara
Keiichi Hiramatsu
Kenichi Arita
Wataru Yasui
Shizuteru Usui

Japan, Miyagi Prefecture
Miyagi Prefectural Cancer Registry
Miyagi Cancer Society
5-7-30, Kamisugi, Aoba
Sendai 980-0011
Japan
Tel.: +(81) 22-233-0241
Fax: +(81) 22-262-3775
E-mail: registry@miyagi-taigan.or.jp

Yoshikazu Nishino
Ichiro Tsuji
Kenya Moro

Japan, Nagasaki Prefecture
Nagasaki Prefectural Cancer Registry
Department of Epidemiology
Radiation Effects Research Foundation (RERF)
1-8-6 Nakagawa
Nagasaki 850-0013
Japan
Tel.: +(81) 95-823-1125
Fax: +(81) 95-825-7202
E-mail: soda@rerf.or.jp

Midori Soda
Ichiro Sekine
Hisao Morooka
Takeshi Matsuo
Shinichiro Yamazaki
Akihiko Suyama
Takayoshi Ikeda

Japan, Osaka Prefecture
Osaka Cancer Registry
Department of Cancer Control and Statistics
Osaka Medical Center for Cancer and Cardiovascular Disease
Nakamichi 1-3-3, Higashinari-ku
Osaka 537-8511
Japan
Tel.: +(81) 6-6972-1181, ext. 2301
Fax: +(81) 6-6978-2821
E-mail: ioka-ak@mc.pref.osaka.jp

Akiko Ioka
Hideaki Tsukuma
Kunio Sakai
Yasunori Sasai

Japan, Yamagata Prefecture
Yamagata Prefectural Cancer Registry
Yamagata Prefectural Medical Center for Cancer and Life-style Related Disease
1800 Aoyagi
Yamagata 990-2292
Japan
Tel.: +(81) 23-685-2752
Fax: +(81) 23-685-2605
E-mail: ashibata@ypch.gr.jp

Toru Matsuda
Akiko Shibata

Korea
Korea Central Cancer Registry
National Cancer Center
809 Madu-Dong, Ilsan-Gu
Goyang
Gyonggi 411-769
Korea
Tel.: +(82) 31-920-1504
Fax: +(82) 31-920-1520
E-mail: hrshin@ncc.re.kr

Hai-Rim Shin
Young-Joo Won
Kyu-Won Jung
Jae-Gahb Park
Eun-Kyung Hong
Chang-In Suh
Sang-Yi Lee
Ki-Young Kim
Sun-Won Seo
Jong-Koo Lee

Korea, Busan
Busan Cancer Registry
Division of Cancer Control & Epidemiology
Research Institute for National Cancer Control & Evaluation
809 Madu-Dong, Ilsan-Gu
Goyang
Gyonggi 411-764
Korea
Tel.: + (82) 31-920-2003
Fax: +(82) 31-920-1520
E-mail: hrshin@ncc.re.kr

Hai-Rim Shin
Soon-Yong Lee
In-Kyoung Hwang
Seo-Hee Rah
Jong-Tae Lee
Duk-Hee Lee
Hee-Kyoung Jang
Hee-Weon Lee
Hyun-Joo Kong
Ho-Guk Park

Korea, Daegu
Daegu Cancer Registry
Department of Preventive Medicine
College of Medicine
Keimyung University
194 Dongsan-dong, Jung-gu
Daegu 700-712
Korea
Tel.: +(82) 53-250-7492
Fax: +(82) 53-250-7494 / 252-6567
E-mail: nukelee@dsmc.or.kr

Choong Won Lee
Sang Pyo Kim
Jong Won Park
In Sung Jung
Hye Young Shim
Eun Hee Kim

Korea, Daejeon
Daejeon Cancer Registry
Department of Preventive Medicine & Public Health
College of Medicine
Chungnam National University
6 Munhwa-Dong, Jung-Ku
Daejeon 301-747
Korea
Tel.: +(82) 42 580 8263
Fax: +(82) 42 586 8875
E-mail: ttylee@cnu.ac.kr

Tae Yong Lee
In Sun Kwon
Dae-Young Kang
Seung-Moo Noh
Samyong Kim
Byung-Yeon Yu
Suk Young Park
Joo Seung Park
Gye-Sung Lee
In-Gyu Hong

Korea, Gwangju
Gwangju Cancer Registry
Department of Preventive Medicine
Chonnam University Medical School
#5 Hak-1-dong Dong-gu
Gwangju 501-746
Korea
Tel.: +(82)-62-220-4162
Fax: +(82) 62-233-0305
E-mail: jschoix@jnu.ac.kr

Jin-su Choi
Tai-ju Hwang
Young-Jin Kim
Sun-Seog Kweon
Min-Ho Shin

Korea, Incheon
Incheon Cancer Registry
Dept. of Medical Information & Record Services
INHA University of Medical Colleges
7-206, 3-Ga, Shinheung-dong, Jung-gu
Incheon 400-103
Korea
Tel: +(82) 32-890-3434
Fax: +(82) 32-890-2012
E-mail: woopark@inha.ac.kr

Ze-Hong Woo
Woo-Chul Kim
Jae-Hwan Oh
Moon-Hee Lee
Jeong-Soo Im
Jong-Han Leem
Sun-Ok Lee

Korea, Jejudo
Jejudo Cancer Registry
Department of Preventive Medicine
Cheju National University College of Medicine
#1-Ara-1-dong, Jeju, 690-756, Jejudo
Korea
Tel.: +(82) 64-755-5567
Fax: +(82) 64-725-2593
E-mail: jrcr@cheju.ac.kr
jmbae@cheju.ac.kr
aquopura@gmail.com

Jong-Myon Bae
Yeong-Ja Yang

Korea, Seoul
Seoul Cancer Registry
Department of Preventive Medicine
Sungkyunkwan University & Seoul National University
28 Yongon-dong, Chongno-gu
Seoul 110-779
Korea (Republic of)
Tel.: +(82) 2-740-8322
Fax: +(82) 2-747-4830
E-mail: mhshin@skku.edu
yoahn@plaza.snu.ac.kr

Myung-Hee Shin
Yoon-Ok Ahn

Korea, Ulsan
Ulsan Cancer Registry
Dept. of Occupational & Environmental Medicine
Ulsan University Hospital
#290-3 Jeonha-Dong, Dong-Gu
Ulsan City 682-714
Korea
Tel.: +(82) 52-250-7283 / 8819
Fax: +(82) 52-250-7289
E-mail: ciyoo62@hanmail.net

Cheol-In Yoo
Yangho Kim
KyoungSook Jeong
Ji Ho Lee
Choong Ryeol Lee

Kuwait
Kuwait Cancer Registry
Kuwait Cancer Control Center – Ministry of Health
Al Shwaikh P O Box 42262 – 70653
Kuwait
Tel.: +(965) 4812931
Fax: +(965) 4810007
E-mail: ohattab@hotmail.com

Omar H. El Hattab
Amany A.El Basmy
Adel Al Asfour

Malaysia, Penang
Penang Cancer Registry
Penang State Health Department
Level 35 & 37
Komtar
10590 Penang
Malaysia
Tel.: +(60) 4-262-5533
Fax: +(60) 4-261-3508
E-mail: binarai@ppg.moh.gov.my

Saraswathi Bina Rai
T. Devaraj
Aishah Knight
Asikin Abdul Kadir
Yasmin Sulaiman

Malaysia, Sarawak
Sarawak Cancer Registry
Sarawak Health Department
Tun Abang Haji Openg Road
93590 Kuching, Sarawak
Malaysia
Tel.: +(60)-82-237466
Fax: +(60)-82-254490
E-mail: ooichoohuck@yahoo.com

Ooi Choo Huck
Andrew Kiyu
Yao Sik King
Mastulu Wahab
Japar Assan

Oman
Oman National Cancer Registry
Non-Communicable Diseases Surveillance & Control Dept.
DGHA (HQ)
Ministry of Health
P.O. Box 393
AC 113, Muscat
Oman
Tel: +(968) 2469-6187
Fax: +(968) 2469-5480
Email: ncd-oman@moh.gov.om
dir-ncd@moh.gov.om

Jawad A. Al-Lawati, MD
Ali J. Mohammed, MD
Shalini C. Nooyi, MD
Nabil H. Al-Siyabi

Pakistan, South Karachi
Karachi Cancer Registry
Department of Pathology
Sindh Medical College (adjacent JPMC)
Rafiqui Shaheed Road, Cantt
Karachi, 75510
Pakistan
Tel.: +(92) 21-586-8421 / 0913
Fax: +(92) 21-586-0913
E-mail: yasmin.bhurgri@gmail.com

Yasmin Bhurgri
Mishaal Bhurgri
Shahid Pervez
Ahmed Usman
Asif Bhurgri
Naveen Faridi
SMH Zaidi
Imtiaz Bashir
Kauser Nazir
Hadi Bhurgri
GN Kakepoto
Naila Kayani
Sheema H. Hasan
Mohammed Khurshid

Philippines, Manila
Philippine Cancer Society - Manila Cancer Registry
P.O. Box 3066
310 San Rafael St., San Miguel
1005 Manila
Philippines
Tel.: +(63) 2-734-2114/ (63) 2-734-2127
Fax: +(63) 2-735-2707
E-mail: mcr@philcancer.com

Adriano V. Laudico
Ma. Rica Lumague
Divina B. Esteban
Lilia M. Reyes
Cynthia A. Mapua
Ma. Theresa Redaniel

Singapore
Singapore Cancer Registry
Health Promotion Board/NDRO
Level 5, 3 Second Hospital Avenue
Singapore 168937
Singapore
Tel.: +(65) 6435-3068
Fax: +(65) 6536-5307
E-mail: hpb_cancer_registry@hpb.gov.sg

Adeline L.H. Seow
W.P. Koh
K.S. Chia
K.Y. Chow
H.P. Lee
K. Shanmugaratnam

Thailand, Chiang Mai
Chiang Mai Cancer Registry
Department of Otolaryngology
Faculty of Medicine
Chiang Mai University
Chiang Mai 50200
Thailand
Tel.: +(66) 53-945562
Fax: +(66) 53-945564
E-mail: cancer_unit@yahoo.com

Yupa Sumitsawan
Songphol Srisukho
Ampai Sastraruji
Udomluck Chaisaengkhum
Puttachart Maneesai
Narate Waisri
Luckkana Thetpiam
Ubol Chompuphan
Varunee Khamsan

Thailand, Lampang
Lampang Cancer Center
199 Moo 12 Lampang-Chiang Rai Road
Pichai, Muang District
Lampang 52000
Thailand
Tel.: +(66) 5433-5262
Fax: +(66) 5433-5273
E-mail: lampangregistry@yahoo.com

Surathat Pongnikorn
Nimit Martin
Wullop Pornruangwong
Nilubol Raunroadroong
Karnchana Daoprasert
Nichapa Yapunya
Panicha Pongnikorn
Arada Pawong

Thailand, Songkhla
Songkhla Cancer Registry
Faculty of Medicine
Prince of Songkla University
Hat Yai
Songkhla 90110
Thailand
Tel.: +(66) 74-451595
Fax: +(66) 74-212900
E-mail: hutcha.s@psu.ac.th

Hutcha Sriplung
Paramee Thongsuksai
Temsak Phungrassami
Paradee Prechavittayakul

Turkey, Antalya
Antalya Cancer Registry
Provincial Health Directorate of Antalya
Toros M. Atatürk Bul. N°74
07070 Antalya
Turkey
Tel.: +
Fax: +
E-mail: hulyakarakilinc@yahoo.com

Hulya Karakilinc
Yeliz Tepe
Özlem Gunduz
Nuket Ozdemir
Huriye Tekin
Gulcan Yenigelen
Gulsen Buyukgebiz
Hamide Tufekci

Turkey, Izmir
Izmir Cancer Registry
KIDEM, Il Saglik Mudurlugu
35210 Alsancak
Izmir
Turkey
Tel.: +(90) 232-441-0571
Fax: +(90) 232-483-3639
E-mail: eseres@ttnet.net.tr

Sultan Eser
Saniye Ozalan
Cankut Yakut
Tunay Nazli

Europe

Austria
Austrian National Cancer Registry
Bundesanstalt Statistik Österreich
Demographie und Arbeitsmarkt
Guglgasse 13
1110 Wien
Austria
Tel.: +(43) 1-71128-7228
Fax: +(43) 1-71128-7445
E-mail: Monika.Hackl@statistik.gv.at

Monika Hackl
Jeannette Klimont
Thomas Pascher
Regina Heß
Ernst Leser

Austria, Tyrol
Cancer Registry of Tyrol
University Hospital Innsbruck
Anichstraße 35
6020 Innsbruck
Austria
Tel.: +(43) 512-504-22313
Fax: +(43) 512-504-22315
E-mail: willi.oberaigner@tilak.at

Willi Oberaigner
Helmut Mühlböck
Christine Wartha
Alois Harrasser
Hermann Leitner

Austria, Vorarlberg
Krebsregister Vorarlberg (Cancer Registry of Vorarlberg)
AKS GmbH
Rheinstrasse 61
6900 Bregenz
Austria
Tel.: +
Fax: +
E-mail: elmar.stimpfl@aks.or.at

H. Concin
G. Diem
G. Mathis
K. Parschalk
E. Stimpfl
W. Oberaigner

Belarus
Belarussian Cancer Registry
Belarussian Centre for Medical Technologies Information Computer Systems, Health Adm. & Management
7a P. Brovki Street
220600 Minsk
Belarus
Tel.: +375 (17) 231-31-29, 292-30-80
Fax: +375 (17) 231-34-84
E-mail: spolyakov@belcmt.by
belcmt2@mail.belpak.by

Semyon Polyakov
Leonid Levin
Nina Shebeko
Alexander Grakovich

Belgium, Antwerp
Antwerp Cancer Registry
University of Antwerp, Campus Drie Eiken
Dept. of Epidemiology and Community Health
Building R, 2nd floor
Universiteitsplein 1
2610 Antwerp
Belgium
Tel.: +(32) 3-820-2539
Fax: +(32) 3-820-2640
E-mail: jos.droste@ua.ac.be

Eric Van Marck
Joost Weyler
Jos Droste

Belgium, Flanders
Belgian Cancer Registry
Rue Royale 215
B-1210 Brussels
Belgium
Tel.: +(32) 2-250-1013
Fax: +(32) 2-250-1011
E-mail: elizabeth.vaneycken@kankerregister.org

Elisabeth Van Eycken
Kris Henau
Nathalie De Wever
Michiel Callens
Hedwig Verhaegen
Karin Haustermans

Bulgaria
Bulgarian National Cancer Registry
National Oncological Hospital
6 Plovdivsko Pole Street
1756 Sofia
Bulgaria
Tel.: +(359) 2-870-6258
Fax: +(359) 2-872-0651
E-mail: BNCR_Zdravka@netbg.com

Shemuel Danon
Zdravka Valerianova
Tsvetelina Ivanova

Croatia
Croatian National Cancer Registry
Croatian National Institute of Public Health
Rockefellerova 7,
10000 Zagreb
Croatia
Tel: (385) 1 4863280
Fax: (385) 1 4863271
E-mail: marija.strnad@hzjz.hr
ariana.znaor@hzjz.hr

Marija Strnad
Ariana Znaor
Ljubica Bubanovic
Petar Novak
Djurdja Selendic
Nedjeljka Vujanic

Czech Republic
National Cancer Registry of the Czech Republic
Institute of Health Information & Statistics of the Czech Republic
Palackého nám. 4
P.O. Box 60
128 01 Prague 2
Czech Republic
Tel.: +(420) 22-497-2660
Fax: +
E-mail: uzis@uzis.cz

Vlasta Mazankova
Jiri Holub
Lenka Jurickova
Eliska Vankova
Blanka Skorpilova

Denmark
Danish Cancer Registry
Danish National Board of Health
Islands Brygge 67
Postboks 1881
2300 Copenhagen S
Denmark
Tel.: +(45) 7222-7400
Fax: +(45) 7222-7404
E-mail: obl@sst.dk

Hans H. Storm
Morten A. Hjulsager

Estonia
Estonian Cancer Registry
North Estonian Regional Hospital Foundation's Cancer Centre
Hiiu 44
11619 Tallinn
Estonia
Tel.: +(372) 6-172337
Fax: +(372) 6-172303
E-mail: margit.magi@regionaalhaigla.ee

Tiiu Aareleid
Pille Härmaorg
Margit Mägi
Kaja Rahu
Mati Rahu

Finland
Finnish Cancer Registry
Institute for Statistical and Epidemiological Cancer Research
Liisankatu 21 B
00170 Helsinki
Finland
Tel.: +(358) 9-135-331
Fax: +(358) 9-135-5378
E-mail: timo.hakulinen@cancer.fi

T. Hakulinen
I. Ovaska
E. Pukkala
R. Sankila

France, Bas-Rhin
Registre des cancers du Bas-Rhin
Laboratoire d'Épidémiologie et de Santé Publique
Faculté de médecine
11 rue Humann
F-67085 Strasbourg Cedex
France
Tel: +(33) 3 90 24 31 95
Fax: +(33) 3 90 24 31 89
E-mail: cancer@medecine.u-strasbg.fr
michel.velten@medecine.u-strasbg.fr

Michel Velten
Guy Hédelin
Florence Binder-Foucaud

France, Calvados
Registre Général des Tumeurs du Calvados
Centre François Baclesse
Av du Général Harris
B.P. 5026
14076 CAEN Cedex 05
France
Tel: +(33) 2 31 45 52 45
Fax: +(33) 2 31 45 51 72
E-mail: av.guizard@baclesse.fr

Anne-Valérie Guizard
Véronique Bastard Jaouen
Cécile Chauveau
Michel Henry-Amar
Jean-François Heron

Registre des Tumeurs Digestives du Calvados
Faculté de Médecine
CHU Côte de Nacre
14032 Caen Cedex
France
Tel: +(33) 2 31 06 51 20
Fax: +(33) 2 31 53 08 52
E-mail :guy.launoy@unicaen.fr

Véronique Bouvier
Sébastien Boutreux
Séverine Gonfroy-Marlière
Marie Ingouf
Isabelle Salomez
Brice Dubois
Guy Launoy

France, Doubs
Registre des tumeurs du Doubs
Centre Hospitalier Universitaire Saint-Jacques
25030 Besançon Cedex
France
Tel: +(33) 3 81 21 83 12
Fax: +(33) 3 81 21 83 11
E-mail: registre-cancers@chu-besancon.fr

A. Danzon
M. Mercier
Y. Kieffer
C. Langlois
V. Queuche
C. Gil
S. Munier

France, Haut-Rhin
Registre des cancers du Haut-Rhin
87 avenue d'Altkirch
BP 1070
F 68051 MULHOUSE Cedex
France
Tel: +(33) 3 89 64 62 51
Fax: +(33) 3 89 64 62 52
E-mail: buemia@ch-mulhouse.fr

Antoine Buemi
Jean-Michel Halna
Erik-André Sauleau
Mireille Grandadam

France, Hérault
Registre des tumeurs de l'Hérault
Batiment Recherche
208 rue des Apothicaires
34298 Montpellier Cedex 5
France
Tel: +(33) 4 67 41 34 17
Fax: +(33) 4 67 63 42 26
E-mail: registre-tumeur@wanadoo.fr

Brigitte Trétarre
Jean-Pierre Daurès
Claudine Gras-Aygon
Hélène Mathieu-Daudé

France, Isère
Isère Cancer Registry
23 Chemin des Sources
38240 Meylan
France
Tel: +(33) 4 76 90 76 10
Fax: +(33) 4 76 41 87 00
E-mail: registre.cancer.isere@wanadoo.fr

Marc COLONNA
Patricia DELAFOSSE

France, Loire Atlantique
Registre des cancers de Loire-Atlantique et Vendée
CHU de Nantes
Plateau des écoles
50 Route de St Sébastien
44 093 NANTES CEDEX 1
France
Tel: +(33) 2 40 84 69 81
Fax: +(33) 2 40 84 69 82
E-mail: fmolinie@chu-nantes.fr

Marie-Josée Leroux
Marie-Françoise Le Bodic
Pierre Lombrail
Florence Molinié
Solenne Billon-Delacour
Nathalie Auffret
Ana-Maria Chouillet
Christine Cerbelaud
Anne-Delphine Tagri
Magali Métais
Aurélie Bouron

France, Manche
Registre Général des Cancers de la Manche
Centre Hospitalier Public du Cotentin
46 rue du Val de Saire
BP 208
50102 CHERBOURG cedex
France
Tel: +(33) 2 33 20 70 48
Fax: +(33) 2 33 20 76 22
E-mail: s.bara@ch-cherbourg.fr

France, Somme
Registre du Cancer de la Somme
CHU Nord
Pôle Santé Publique
80054 AMIENS Cedex 1
France
Tel: +(33) 3 22 66 82 26
Fax: +(33) 3 22 66 82 25
E-mail: registre.80@chu-amiens.fr

Olivier Ganry
Alain Dubreuil
Nicole Bourdon-Raverdy
Elvira Martin
Agnès Thulliez
Christine Cotté

France, Tarn
Registre des cancers du Tarn
B.P. 37
81001 Albi Cedex
France
Tel: +(33) 5 63 47 59 51
Fax: +(33) 5 63 38 20 12
E-mail: registre-cancer-du-tarn@wanadoo.fr

Pascale Grosclaude
Martine Sauvage
Laetitia Daubisse-Marliac
Yves Duchène
Corine Ferre-Grevaz
Régine Litre-Tournier
Chantal Miquel-Herail
Hélène Siguier

France, Vendée
Registre des cancers de Loire-Atlantique et Vendée
CHU de Nantes
Plateau des écoles
50 Route de St Sébastien
44 093 NANTES CEDEX 1
France
Tel: +(33) 2 40 84 69 81
Fax: +(33) 2 40 84 69 82
E-mail: fmolinie@chu-nantes.fr

Anne-Marie Kadi-Hanifi
Paolo Bercelli
Florence Molinié
Solenne Billon-Delacour
Marie Proux
Assia Hami
Katia Ménanteau
Thérèse Rabaud
Blandine Chauvet
Marie-Louise Rouvier

Germany, Brandenburg
Gemeinsames Krebsregister der Länder Berlin, Brandenburg, Mecklenburg-Vorpommern, Sachsen-Anhalt und der Freistaaten Sachsen und Thüringen (GKR) (Common Cancer Registry)
Brodauer Str. 16-22
12621 Berlin
Germany
Tel.: +(30) 565 81 401
Fax: +(30) 565 81 444
E-mail: Roland.Stabenow@gkr.verwalt-berlin.de

Roland Stabenow
Bettina Eisinger
Brigitte Streller
Mandy Schulz

Germany, Hamburg
Hamburgisches Krebsregister (Hamburg Cancer Registry)
Billstrasse 80
D - 20539 Hamburg
Germany
Tel.: +(49) 40-428-37-2211
Fax: +(49) 40-428-37-2655
E-mail: HamburgischesKrebsregister@bsg.hamburg.de

Stefan Hentschel
Ulf Haartje
Norbert Burkhardt
Annie Funk
Alice Nennecke

Germany, Mecklenburg-Western Pomerania
Gemeinsames Krebsregister der Länder Berlin, Brandenburg, Mecklenburg-Vorpommern, Sachsen-Anhalt und der Freistaaten Sachsen und Thüringen (GKR) (Common Cancer Registry)
Brodauer Str. 16-22
12621 Berlin
Germany
Tel.: +(30) 565 81 401
Fax: +(30) 565 81 444
E-mail: Roland.Stabenow@gkr.verwalt-berlin.de

Roland Stabenow
Bettina Eisinger
Brigitte Streller
Mandy Schulz

Germany, Munich
Tumorregister München (Munich Cancer Registry)
IBE / Klinikum Grosshadern
Marchioninistr. 15
81377 München
Germany
Tel.: +(49) 89-7095- 4752
Fax: +(49) 89-7095-4753
E-mail: tumor@ibe.med.uni-muenchen.de

D. Hölzel
G. Schubert-Fritschle
J. Engel
M. Schmidt
W. Tretter
U. Mansmann

Germany, North Rhine-Westphalia: Münster
Epidemiologisches Krebsregister NRW (Cancer Registry of Northrhine-Westphalia)
Krebsregister Münster Domagkstrasse 3
D-48149 Münster
Germany
Tel.: +(49) 251 8358571
Fax: +(49) 251 8358577
E-mail: volker.krieg@krebsregister.nrw.de
volkmar.mattauch@krebsregister.nrw.de

Volker Krieg
Martin Lehnert
Volkmar Mattauch
Hans-Werner Hense
Birgit Weihrauch

Germany, Saarland
Saarland Cancer Registry
Ministry of Public Health
Virchowstr. 7
66119 Saarbrücken
Germany
Tel.: +(49) 681-501-5969
Fax: +(49) 681-501-5998
E-mail: h.ziegler@gbe-ekr.saarland.de

Hartwig Ziegler
Christa Stegmaier
Rainer Müller

Germany, Free State of Saxony
Gemeinsames Krebsregister der Länder Berlin, Brandenburg, Mecklenburg-Vorpommern, Sachsen-Anhalt und der Freistaaten Sachsen und Thüringen (GKR) (Common Cancer Registry)
Brodauer Str. 16-22
12621 Berlin
Germany
Tel.: +(30) 565 81 401
Fax: +(30) 565 81 444
E-mail: Roland.Stabenow@gkr.verwalt-berlin.de

Roland Stabenow
Bettina Eisinger
Brigitte Streller
Mandy Schulz

Iceland
The Icelandic Cancer Registry
Skógarhlíd 8
P.O. Box 5420
125 Reykjavik
Iceland
Tel.: +(354) 540-1900
Fax: +(354) 540-1910
E-mail: jongj@krabb.is

Jón Gunnlaugur Jónasson
Laufey Tryggvadóttir
Anna Jónsdóttir
Kristín Bjarnadóttir
Sigrún Stefánsdóttir
Elínborg J. Ólafsdóttir
Gudrídur H. Ólafsdóttir
Thorgils Völundarson

Ireland
National Cancer Registry Ireland
University College
Elm Court
Boreenmanna Road
Cork
Ireland
Tel.: +(353) 21-431-8014
Fax: +(353) 21-431-8016
E-mail: h.comber@ncri.ie

Mary Chambers
Harry Comber
Fiona Dwane
Tracy Kelleher
Paul Walsh

Italy, Biella Province
Piedmont Cancer Registry, Province of Biella
Epidemiology Unit – Prevention Department ASL 12
Biella
Via Don Sturzo 20
13900 Biella (BI)
Italy
Tel.: +(39) 015-350-3665 / 3655
Fax: +(39) 015-8495222
E-mail: adriano.giacomin@asl12.piemonte.it

Adriano Giacomin
Simona Andreone
Lucia Preto
Piercarlo Vercellino
Roberto Zanetti

Italy, Brescia Province
Brescia Health Unit Cancer Registry
Registro Tumori dell'ASL di Brescia
Via Cantore, 20 – 25128
Brescia
Italy
Tel.: +(39) 030 3838713/714
Fax: +(39) 030 3701404
E-mail: regtumbs@med.unibs.it

Francesco Donato
Rosa Maria Limina
Mario Lazzari
Assunta Omassi
Milena Guarinoni
Giuseppe Zani
Francesco Piovani
Mauro Damiolini
Annamaria Indelicato
Carmelo Scarcella
Giovanna Tagliabue
Paolo Contiero
Paolo Crosignani

Italy, Ferrara Province
Registro Tumori della Provincia di Ferrara (Ferrara Cancer Registry)
Sez. Anatomia Patologica
Dip. Med. Sperimentale & Diagnostica
Università di Ferrara
Via Fossato di Mortara, 64
44100 Ferrara
Italy
Tel.: +(39) 0532-291513 / 501
Fax: +(39) 0532-248021
E-mail: frs@unife.it

Stefano Ferretti
Laura Marzola
Elena Migliari
Nada Carletti
Italo Nenci

Italy, Florence & Prato
Registro Tumori Toscano (R.T.T) (Tuscany Cancer Registry)
Unit of Epidemiology
Research Institute of the Tuscany Region
Via di San Salvi 12
50135 Florence
Italy
Tel.: +(39) 055-626-8321
Fax: +(39) 055-679954
E-mail: e.paci@cspo.it

Eugenio Paci
Emanuele Crocetti
Alessandra Benvenuti
Carlotta Buzzoni
Adele Caldarella
Lucia Giovannetti
Francesco Giusti
Teresa Intrieri
Gianfranco Manneschi
Guido Miccinesi
Claudio Sacchettini

Italy, Genoa Province
Liguria Region Cancer Registry
Epidemiologia Descrittiva
Istituto Nazionale per la Ricerca sul Cancro
Largo Rosanna Benzi, n. 10
16132 Genova
Italy
Tel.: +(39) 010-5600-0961
Fax: +(39) 010-5600-0956
E-mail: marina.vercelli@istge.it

Marina Vercelli
Marani Enza
Claudia Casella
Puppo Antonella
Celesia Maria Vittoria
Cogno Roberta
Grondona Anna Maria
Elsa Garrone
Giovanna Giachero
Simone Manenti
Alberto Quaglia
Maria Antonietta Orengo

Italy, Macerata Province
Macerata Province Cancer Registry
Dip. Medicina Sperimentale e Sanità Pubblica
Università, Via E. Betti 3
62032 Camerino (MC)
Italy
Tel: +(39) 0737-402403
Fax: +(39) 0737-402403
E-mail: susanna.vitarelli@unicam.it

Susanna Vitarelli
Silvia Antonini

Italy, Milan
Cancer Registry of Milan
Epidemiology Unit
Local Health Autority of Milan
Corso Italia, 19
20122 Milano
Italy
Tel.: +(39) 02 85782124
Fax: +(39) 02 85782128
E-mail: arusso@asl.milano.it

Antonio Russo
Mariangela Autelitano
Simona Ghilardi
Annamaria Bonini
Luisa Filipazzi
Cinzia Giubelli
Luigi Bisanti

Italy, Modena Province
Registro Tumori della Provincia di Modena (Modena Cancer Registry)
Policlinico
Via del Pozzo, 71
41100 Modena
Italy
Tel.: +(39) 059-422-4337 / 2577
Fax: +(39) 059-422-4152 / 4549
E-mail: rtm@unimore.it

Massimo Federico
Maria Elisa Artioli
Claudia Cirilli
Ivan Rashid
Katia Valla

Italy, Naples
Registro Tumori di Popolazione Regione Campania (Campania Cancer Registry)
Azienda Sanitaria Locale Napoli 4
Piazza San Giovanni
80031 Brusciano (NA)
Italy
Tel.: +(39) 081-519-0505
Fax: +(39) 081-519-0505
E-mail: mariofusco2@virgilio.it

Mario Fusco
Raffaele Palombino
Biagio Vassante
Caterina Bellatalla
Maria Fusco
Margherita Panico
Carmela Perrotta

Italy, North East
North East of Italy Cancer Surveillance Network (NEICSN)
Agenzia Regionale della Sanità
Regione Autonoma Friuli Venezia Giulia
Via Pozzuolo, 330
33100 UDINE
Italy
Tel.: +(39) 434-659-354
Fax: +(39) 434-659-222
E-mail: registro.tumori@sanita.fvg.it

Diego Serraino
Margherita de Dottori
Laura Battisti
Francesco Bellù
Eduard Egarter-Vigl
Silva Franchini
Silvano Piffer
Fabio Vittadello
Loris Zanier

Italy, Parma Province
Registro Tumori di Parma (Parma Province Cancer Registry)
Divisione di Oncologia Medica
Azienda Ospedaliera di Parma
Via dell'Abbeveratoia 4
43100 Parma
Italy
Tel.: +(39) 0521-991660
Fax: +(39) 0521-995448
E-mail: vdelisi@ao.pr.it

Vincenzo De Lisi
Paolo Sgargi
Lidia Serventi
Francesco Bozzani
Francesco Leonardi

Italy, Ragusa Province
Ragusa Cancer Registry
Department of Oncology
Azienda Ospedaliera “Civile M.P.Arezzo”.
Via Dante, 109
97100 Ragusa
Italy
Tel.: +(39) 0932-600050/600055
Fax: +(39) 0932-682169
E-mail: rtumino@tin.it

Rosario Tumino
Giuseppina Pavone
Maria Guglielmina La Rosa
Giuseppe Cascone
Graziella Frasca
Maria Concetta Giurdanella
Carmela Nicita
Patrizia Concetta Rollo
Aurora Sigona
Eugenia Spata
Giuseppe Cianciolo
Caterina Martorana
Gabriele Morana
Maria Grazia Ruggeri
Stefania Vacirca

Italy, Reggio Emilia Province
Reggio Emilia Cancer Registry
Registro Tumori Reggiano
c/o Dip. Sanita Pubblica AUSL RE
via Amendola 2
42100 Reggio Emilia
Italy
Tel.: +
E-mail: Lucia.Mangone@ausl.re.it

Lucia Mangone
Silvia Candela

Italy, Romagna Region
Registro Tumori della Romagna (Romagna Cancer Registry)
c/o Romagna Cancer Institute (I.R.S.T.)
Department of Medical Oncology
Istituto Oncologico Romagnolo
Hospital Morgagni-Pierantoni
Via Carlo Forlanini, 34
47100 Forlì
Italy
Tel.: +(39) 0543-731583
Fax: +(39) 0543-731583
E-mail: rtromagna@ausl.fo.it

Dino Amadori
Fabio Falcini
Chiara Balducci
Lauro Bucchi
Carlo Cordaro
Carla Fabbri
Flavia Foca
Stefania Giorgetti
Alessandra Ravaioli
Mila Ravegnani
Rosa Vattiato
Benedetta Vitali

Italy, Salerno Province
Salerno Cancer Registry
via Loria, 24
84129 Salerno
Italy
Tel.: +(39) 089 522024
Fax: +(39) 089 338514
E-mail: regtum@tiscali.it

Andrea Donato
Anna Maria Apicella
Andrea Ferrentino
Arturo Iannelli
Gennaro Senatore
Arrigo Zevola

Italy, Sassari Province
Registro Tumori della Provincia di Sassari (Cancer Registry of Sassari)
Via Tempio 5
07100 Sassari
Italy
Tel.: +(39) 079-206-2442
Fax: +(39) 079-206-2445
E-mail: mariobudroni@tiscali.it

Mario Budroni
Rosaria Cesaraccio
Daniela Pirino
Ornelia Sechi
Massimiliano Oggiano
Daniela Piras
Amelia Sechi
Antonio Cossu
Giuseppe Palmieri
Francesco Tanda

Italy, Syracuse Province
Territorial Registry of Pathology (RTP) Siracusa
Local Health Authority of Syracuse
Corso Gelone
17-96100 Syracuse
Italy
Tel.: +(39) 0931-48 4341
Fax: +(39) 0931-484383
E-mail: distretto1.asl8sr@interbusiness.it

Salvatore Sciacca
Anselmo Madeddu
Maria Lia Contrino
Francesco Tisano

Italy, Sondrio
Registro Tumori Della Provincia Di Sondrio (Sondrio Cancer Registry)
Azienda Sanitaria Locale Sondrio
Via Nazario Sauro, 38
23100 Sondrio
Italy
Tel.: +(39) 342 555845
Fax: +(39) 342 555812
E-mail: r.tessandori@asl.sondrio.it

R. Tessandori
M. Tognela
R. Giardini
A. Buscemi
G. Tagliabue
P. Contiero
M.C. Manca
A. Tittarelli
S. Fabiano
A. Bertolini

Italy, Torino
Piedmont Cancer Registry, City of Torino
Centro di Prevenzione Oncologica
Via San Francesco da Paola, 31
10123 Torino
Italy
Tel.: +(39) 011-633-3870
Fax: +(39) 011-633-3861
E-mail: roberto.zanetti@cpo.it

Roberto Zanetti
Stefano Rosso
Silvia Patriarca
Piera Vicari
Rossana Prandi
Irene Sobrato
Franca Gilardi
Maria Giusy Miglietta
Cristina Lefevre

Italy, Umbria Region
Registro Tumori Umbro di Popolazione (Umbria Cancer Registry)
Dipartimento di Specialità Medico-Chirurgiche e Sanità Pubblica
Università degli Studi
Via del Giochetto
06100 Perugia
Italy
Tel.: +(39) 075-585-7329
Fax: +(39) 075-585-7317
E-mail: larosaf@unipg.it

La Rosa Francesco
Stracci Fabrizio
Cassetti Tiziana
Petrinelli Annamaria
Costarelli Daniela
Canosa Antonio
Scheibel Massimo
Mastrandrea Vito

Italy, Varese Province
Lombardy Cancer Registry, Varese Province
National Cancer Institute
Via Venezian 1, 20133 Milan
Italy
Tel: (39) 02.23902501
Fax: (39) 0223902762
E-mail: canreg@istitutotumori.mi.it
occam@istitutotumori.mi.it
Paolo.Contiero@istitutotumori.mi.it

Crosignani Paolo
Tagliabue Giovanna
Contiero Paolo
Fabiano Sabrina
Maghini Anna
Tittarelli Andrea
Codazzi Tiziana
Frassoldi Emanuela
Costa Enrica
Gada Daniela
Vigano Clotilde
Berrino Franco

Italy, Veneto Region
Veneto Tumour Registry
Regione del Veneto - Assessorato alle Politiche Sanitarie
Istituto Oncologico Veneto - IRCCS
Via Gattamelata, 64
35128 Padova
Italy
Tel.: +(39) 049-821-5605
Fax: +(39) 049-821-5983
E-mail: paola.zambon@unipd.it

Paola Zambon
Alessandro Andolfo
Maddalena Baracco
Francesca Barizza
Emanuela Bovo
Antonella Dal Cin
Anna Rita Fiore
Alessandra Greco
Stefano Guzzinati
Daniele Monetti
Alberto Rosano
Carmen Fiorella Stocco
Sandro Tognazzo

Latvia
Latvian Cancer Registry
Latvian Oncological Center
Hipokrata str. 4
1079 Riga
Latvia
Tel.: +(371) 704-2055
Fax: +(371) 753-9160
E-mail: aivars@onkoc.mt.lv

A.Stengrevics
A.Eglite
I.Gajevska
U.Kojalo
K.Rudzitis

Lithuania
Lithuanian Cancer Registry
Lithuanian Oncology Center
Polocko 2
Vilnius 2007
Lithuania
Tel.: +(370) 2-614130
Fax: +(370) 2-614130
E-mail: kancerreg@is.lt

Juozas Kurtinaitis
Giedre Smailyte
Birute Aleknaviciene
Kristina Rotkevic
Michailas Aizenas
Arvydas Laurinavicius

Malta
Malta National Cancer Registry (MNCR)
Dept. of Health Information
Guardamangia Hill
Guardamangia PTA 1313
Malta
Tel.: +(356) 25599000
Fax: +(356) 25599385
E-mail: miriam.dalmas@gov.mt

Miriam Dalmas

The Netherlands
Netherlands Cancer Registry
Association of Comprehensive Cancer Centres
Catharijnesingel 53
P.O. Box 19001
3501 DA Utrecht
The Netherlands
Tel.: +(31) 30-234-3780
Fax: +(31) 30-234-3632
E-mail: j.vandijck@iko.nl
s.siesling@ikst.nl

J. van Dijck
S. Siesling
M. Dirx
O. Visser
M. Janssen-Heijnen
M. van der Heiden
M. Schaapveld
A. Reedijk
M. Jansen-Landheer
R. Otter
A. Wit

Netherlands, **Eindhoven**
Eindhoven Cancer Registry
Comprehensive Cancer Centre South (IKZ)
P.O. Box 231
5600 AE Eindhoven
Netherlands
Tel: +(31) 40 -297-1616
Fax: +(31) 40-297-1610
Email: jw.coebergh@ikz.nl
coebergh@planet.nl

JWW Coebergh
M. Louwman
LH van der Heijden

The Netherlands, Maastricht
Maastricht Cancer Registry
Comprehensive Cancer Centre Limburg (IKL)
Parkweg 20
P.O. Box 2208
6201 HA Maastricht
The Netherlands
Tel.: +(31) 43-325-4059
Fax: +(31) 43-325-2474
E-mail: m.dirx@ikl.nl

Miranda Dirx
Hans Huveneers
Anita Botterweck
Johan Bruijnen

Norway
Cancer Registry of Norway
Institute for Epidemiological Research
Montebello
0310 Oslo
Norway
Tel.: +(47) 22-451300
Fax: +(47) 22-451370
E-mail: Kreftregisteret@kreftregisteret.no

Frøydis Langmark
Bjørn Møller
Freddie I. Bray
Tom B. Johannesen
Aage Johansen
Svein Erling Tysvær
Siri Larønningen
Olaug Talleraas

Poland, Cracow
Cracow Cancer Registry
Unit of Epidemiology
Centre of Oncology
Maria Sklodowska-Curie Memorial Institute
Garncarska 11
31-115 Kraków
Poland
Tel.: +(48) 12-422-9900
Fax: +(48) 12-426-1370
E-mail: z5rachta@cyf-kr.edu.pl

Jadwiga Rachtan
Lucja Molong
Justyna Bajorek
Malgorzata Geleta
Renata Zmurko 6.Anna Widawska

Poland, Kielce
Holycross Cancer Registry
Holycross Cancer Centre
Artwinskiego 3
25-734 Kielce
Poland
Tel.: +(48) 41-367-4901
Fax: +(48) 41-345-4471
E-mail: ryszard.mezyk@onkol.kielce.pl

Stanislaw Góźdź
Urszula Siudowska
Ryszard Mężyk
Teresa Karpacz
Sebastian Czarnecki
Anna Giemza
Dorota Stępień
Edyta Pokrzepa
Zbigniew Popiołek

Poland, Warsaw City
Warsaw Cancer Registry
The Maria Sklodowska-Curie Memorial
Cancer Center and Institute of Oncology
ul. W.K. Roentgen 5
P.O. Box 106
02-781 Warsaw
Poland
Tel.: +(48) 22-546-28-85
Fax: +(48) 22-546-28-79
E-mail: mzwierko@coi.waw.pl

Zwierko Maria
Wronkowski Zbigniew
Turowicz Agnieszka
Karwowski Andrzej
Charazinska Ewa
Chorchos Ewa
Czerwinska Urszula
Przybysz Elzbieta
Przybysz Zofia
Wasowska Jadwiga

Portugal, **Porto**
Registo Oncologico Regional do Norte - RORENO
Servico de Epidemiologia
Inst. Português de Oncologia do Porto
Rua António Bernardino da Almeida
4250-072 Porto
Portugal
Tel: +(351) 22-550-2011
Fax: +(351) 22-502-6489
Email: diripo@ipoporto.min-saude.pt

Maria José Bento
Sofia Silvestre
Beatriz Serrão
Teresina Amaro
Rui Henrique
Rosa Morais
Laranja Pontes

Portugal, South Regional
Registo Oncológico Regional Sul (South Regional Cancer Registry)
Instituto Português de Oncologia de Francisco Gentil
Centro Regional de Lisboa
Rua Professor Lima Basto
1093 Lisbon codex
Portugal
Tel.: +(351) 21-722-9852
Fax: +(351) 21-722-9806
E-mail: ana.miranda@ipolisboa.min-saude.pt

Ana Da Costa Miranda
Rute Martins Fonseca
Alexandra Mayer Pereira
Paulo Pinheiro
Luisa Gloria
Pedro Oliveira
Manuel Castro Ribeiro
Edward Limbert

Russia, St Petersburg
Population-Based Cancer Registry of St Petersburg
N.N. Petrov Research Institute of Oncology
Leningradskaya St. 68, Pesochny 2
197758 St Petersburg
Russia
Tel.: +(7) 812-252--5110
Fax: +(7) 812-252-7944
E-mail: cr@miac.zdrav.spb.ru

V.M.Merabishvili
T.L.Tsvetkova
O.F.Chepik
O.T.Dyatchenko
I.V.Apalkova
I.V.Kiselnikova

Serbia
Cancer Registry of Central Serbia
Institute of Public Health of Serbia
5, Dr Subotica St.
11000 Belgrade
Serbia
Tel.: +(381) 11-684566
Fax: +(381) 11-685735
E-mail: nezaraznibatut@yahoo.com

Andjelka Vukicevic
Dragan Miljus
Snezana Zivkovic
Natasa Mickovski
Ivana Rakocevic
Snezana Plavsic
Sanja Savkovic

Slovak Republic
National Cancer Registry of the Slovak Republic
National Health Information Center
Lazaretská 26
811 09 Bratislava
Slovak Republic
Tel.: +(421) 2-4464-7094
Fax: +(421) 2-4464-7095
E-mail: martina.ondrusova@nczisk.sk
diba@nczisk.sk

Martina Ondrušová
Adriana Obsitniková
Ivan Pleško
Chakameh Safaei Diba
Daniela Štefaňáková
Ivan Kuzma
Juraj Adamčík
Božena Hlavatá

Slovenia
Cancer Registry of Slovenia
Epidemiology and Cancer Registries
Institute of Oncology
Zaloška 2
1000 Ljubljana
Slovenia
Tel.: +(386) 1-432-2316
Fax: +(386) 1-431-0271
E-mail: mzakelj@onko-i.si

Maja Primic Žakelj
Vera Pompe Kirn
Vesna Zadnik
Tina Žagar
Frančiška Škrlec

Spain, Albacete
Registro de Cáncer de Albacete (Albacete Cancer Registry)
Junta de Comunidades de Castilla - La Mancha
Seccion de Epidemiologia - Delegacion de Sanidad
Avda. Guardia Civil 5
02005 Albacete
Spain
Tel.: +(34) 967-557956
Fax: +(34) 967- 557964
E-mail: ealmar@jccm.es

Enrique Almar Marqués
Antonio Mateos Ramos
Cristina Ramírez Córcoles
José Angélica Gómez Martínez
Isidro de la Cruz de Julian
Carlos Navarro Honrubia
Adelaida Gonzalez Gómez
Manuel Atienzar Tobarra
Pablo Lemberg Lapaco

Spain, Asturias
Registro de Tumores del Principado de Asturias (Asturias Cancer Registry)
Sección de Información Sanitaria
Consejería de Salud y Servicios Sociales
C/ General Elorza
32,33001 Oviedo
Asturias
Spain
Tel.: +(34) 985-10-63-79
Fax: +(34) 985-10-65-20
E-mail: ramonqg@princast.es

Marcial Argüelles
Adamina Losada
J. Ramón Quirós

Spain, Basque Country
Basque Country Cancer Registry
Departamento de Sanidad
Gobierno Vasco
c/ Duque de Wellington, 2
01010 Vitoria-Gasteiz
Spain
Tel.: +(34) 945-019235
Fax: +(34) 945-019280
E-mail: info5-san@ej-gv.es

M Isabel Izarzugaza
Mikel Errasti
Joseba Bidaurrazaga
Nerea Larrañaga
M Cres Tobalina
M Jesús Michelena
Enrique Peiró
Cristina Sarasqueta
Maite Barriola
Isabel Portillo

Spain, Canary Islands
Registro Poblacional de Cáncer de la Comunidad Autónoma de Canarias (Canary Cancer Registry)
Dirección General de Salud Pública
Rambla General Franco, 53
38006 Santa Cruz de Tenerife
Tenerife
Spain
Tel.: +(34) 928-452626 or (34) 922-474238 / 247
Fax: +(34) 928-452226 or (34) 922-474236
E-mail: mrojmar@gobiernodecanarias.org

Martin Rodriguez
Aleman Herrera
Rojas Martin
Fernandez Nakoura

Spain, Cuenca
Registro de Cáncer de Cuenca (Cuenca Cancer Registry)
Delegación Provincial de Sanidad
C/ Las Torres, 61
16071 Cuenca
Spain
Tel.: +(34) 969-176544
Fax: +(34) 969-176544
E-mail: epicuenca@jccm.es

José Maria Diaz Garcia
Rosario Jiménez Chillaron
Amparo Chumillas Martinez
Ricardo Luengo Higueras
Maria Angeles Higueras Medina
Jesus Razquin Murillo
José Luis Guerra Moyano
Maria Otero Lorenzo
Antonio De Lucas Veguillas

Spain, Girona
Girona Cancer Registry
Passatge Farinera Teixidor, 1, 1r-2a
17005 Girona
Spain
Tel.: +(34) 972-207406
Fax: +(34) 972-206180
E-mail: aizquierdo@ico.scs.es

Angel Izquierdo
Rafael Marcos-Gragera
Loreto Vilardell
Pau Viladiu
Josep Maria Borràs
Josepa Ribes
Joan Borràs
Jaume Galceran
Francesc-Xavier Bosch
Víctor Moreno

Spain, Granada
Granada Cancer Registry
Escuela Andaluza de Salud Pública
Campus Universitario de Cartuja, s/n
Ap. Correos 2070
18080 Granada
Spain
Tel.: +(34) 958-027477
Fax: +(34) 958-027503
E-mail: carmen.martinez.easp@juntadeandalucia.es

Carmen Martínez García
Maria-José Sánchez Pérez
Victoria Barragán Sánchez
Carmen Ruiz Baena
Carmen Estévez Estévez
Yoe Ling Chang Chan
Adriano Calzas Urrutia

Spain, Murcia
Murcia Cancer Registry
Servicio de Epidemiología
Consejería de Sanidad
Ronsa de Levante, 11
30008 Murcia
Spain
Tel: +(34) 968 362039
Fax: +(34) 968 366656
E-mail: carmen.navarro@carm.es
mdolores.chirlaque@carm.es

Carmen Navarro
María-Dolores Chirlaque
Isabel Valera
Jacinta Tortosa
Encarna Párraga
Concepción López-Rojo
Sandra Garrido
Mirari Márquez
María-José Sánchez
Diego Salmerón

Spain, Navarra
Navarra Cancer Registry
Instituto de Salud Pública
Servicio de Epidemiología
C/. Leyre, 15
31003 Pamplona
Spain
Tel.: +(34) 848-423464
Fax: +(34) 848-423474
E-mail: me.ardanaz.aicua@cfnavarra.es

Eva Ardanaz
Aurelio Barricarte
M. Eugenia Pérez de Rada
Carmen Ezponda
Nieves Navaridas

Spain, Tarragona
Tarragona Cancer Registry
Fundacio Lliga per a la Investigació i Prevenció del Cancer (FUNCA)
C/Sant Joan, s/n
43201 Reus
Catalonia
Spain
Tel.: +(34) 977-326530
Fax: +(34) 977-312353
E-mail: jgalceran@grupsagessa.com

Joan Borràs
Jaume Galceran
Lluís Piñol
Xavier Cardó
Alberto Ameijide
Àngel Izquierdo
Rafael Marcos
Víctor Moreno
Pau Viladiu
F. Xavier Bosch

Spain, Zaragoza
Registro de Cáncer de Zaragoza (Cancer Registry of Zaragoza)
Departamento de Salud y Consumo
Dirección General de Salud Publica
Ramón y Cajal 68
50004 Zaragoza
Spain
Tel.: +(34) 976-715915
Fax: +(34) 976-447148
E-mail: cmartos@aragon.es

M.Carmen Martos
Gloria Garcia-Carpintero
M.Pilar Marco
Salvador Pastor
Jose Luis Arribas
Javier Mateos
Milagros Bernal
Desiderio Buil
Cristina Feja
Mariano Esteba

Sweden
Swedish Cancer Registry
Centre for Epidemiology
National Board of Health and Welfare
SE-106 30 Stockholm
Sweden
Tel.: +(46) 75-247-3000
Fax: +(46) 75-247-3327
E-mail: cancerregistret@socialstyrelsen.se

Lotti Barlow
Mats Talbäck
Åsa Klint

Switzerland, Geneva
Registre Genevois des Tumeurs (Geneva Cancer Registry)
55 boulevard de la Cluse
1205 Genève
Switzerland
Tel.: +(41) 22-379-4950
Fax: +(41) 22-379-4971
E-mail: christine.bouchardymagnin@imsp.unige.ch

Switzerland, Graubünden & Glarus
Kantonales Krebsregister Graubünden und Glarus (Cancer Registry of Graubünden und Glarus)
Institut für Pathologie
Rät. Kantonsspital Chur
Loestraße 170
7000 Chur
Switzerland
Tel.: +(41) 81-256-6543
Fax: +(41) 81-256-6544
E-mail: Harald.Frick@ksgr.ch

Harald Frick

Switzerland, Neuchâtel
Registre Neuchâtelois des Tumeurs (Neuchâtel Cancer Registry)
7, Avenue des Cadolles
2000 Neuchâtel
Switzerland
Tel.: +(41) 32-722-9644
Fax: +(41) 32-722-9643
E-mail: fabio.levi@chuv.ch

F. Levi
G. Erler*
M. Maspoli
R. Choffat
L. Randimbison
* Deceased

Switzerland, St Gall-Appenzell
Krebsregister St. Gallen Appenzell (Cancer Registry of St. Gall-Appenzell)
7 Flurhofstr.
9000 St Gallen
Switzerland
Tel.: +(41) 71-494-2107
Fax: +(41) 71-494-6176
E-mail: silvia.ess@kssg.ch

Silvia Ess
Dyntar Daniela
Egger Hansruedi

Switzerland, Ticino
Registro dei Tumori del Cantone Ticino (Ticino Cancer Registry)
Istituto Cantonale di Patologia
Via in Selva 24
6601 Locarno 1
Switzerland
Tel.: +(41) 91-816-0823
Fax: +(41) 91-816-0829
E-mail: andrea.bordoni@ti.ch

A.Bordoni
P. Mazzola

Switzerland, **Valais**
Registre Valaisan des Tumeurs
Institut Central des Hôpitaux Valaisans
Avenue Grand-Champsec 86
Case Postale 736
1951 Sion
Switzerland
Tel: +(41) 27-603-4855
Fax: +(41) 27-603-4974
Email: isabelle.konzelmann@ichv.ch
observatoire@ichv.ch

Isabelle Konzelmann
Daniel de Weck
Frédéric Favre
Jean-Christophe Lüthi

Switzerland, Vaud
Registre Vaudois des Tumeurs (Vaud Cancer Registry)
Institut de médecine sociale et préventive (IUMSP)
Centre Hospitalier Universitaire Vaudois et Université de Lausanne
CHUV- Falaises 1
CH-1011 Lausanne
Switzerland
Tel.: +(41) 21-314-7311
Fax: +(41) 21-323-0303
E-mail: fabio.levi@chuv.ch

F. Levi
V.C. Te
L. Randimbison
R. Choffat

UK, England, East of England Region
Eastern Cancer Registration and Information Centre (ECRIC)
Unit C, Magog Court
Shelford Bottom
Hinton Way
Cambridge CB22 3AD
UK
Tel.: +(44) 1223-216591
Fax: +(44) 1223-213571
E-mail: david.greenberg@nhs.net

David Greenberg
Karen Wright
Clem Brown
Jem Rashbass

UK, England, Merseyside and Cheshire
Merseyside & Cheshire Cancer Registry
2nd Floor, Muspratt Building
University of Liverpool
Liverpool L69 3GB
UK
Tel.: +(44) 151-794-5691
Fax: +(44) 151-794-5700
E-mail: tony.moran@nwcr.nhs.uk

A. Moran
L. Shack
J. Kelly

UK, England, North Western
North Western Cancer Registry
Christie Hospital NHS Trust
Kinnaird Road
Withington
Manchester M20 4QL
UK
Tel.: +(44) 161-446-8080
Fax: +(44) 161-446-3590
E-mail: tony.moran@nwcr.nhs.uk

A. Moran
L. Shack

UK, England, Northern and Yorkshire
Northern & Yorkshire Cancer Registry & Information Service
Arthington House
Hospital Lane
Leeds LS16 6QB
UK
Tel.: +(44) 113-392-4309
Fax: +(44) 113-392-4178
E-mail: d.forman@leeds.ac.uk

David Forman
Caroline Brook
Machael Walkley
Roman Taterek-Gintowt
Gareth Adams

UK, England, Oxford Region
Oxford Cancer Intelligence Unit
4150 Chancellor court
Oxford Business Park South
OX4 2GX
UK
Tel.: +(44)1 865 33 4792
Fax: +(44)1 865 33 4794
E-mail: neil.kennedy@ociu.nhs.uk

Monica Roche
Neil Kennedy
Pat Hall
Sandra Edwards
Ann Watters

UK, England, South and Western Regions
South West Cancer Intelligence Service
South West Public Health Observatory
149 Whiteladies Road
Bristol, BS8 2RA
UK
Tel.: +(44) 1179-706474
Fax: +(44) 1179-706481
E-mail: andy.pring@swpho.nhs.uk

Andy Pring
Tina Ball
Diane Prior
Julia Verne

UK, England, Thames
Thames Cancer Registry
King's College London
1st Floor, Capital House
42 Weston Street
London SE1 3QD
UK
Tel.: +(44) 20-7378-7688
Fax: +(44) 20-7378-9510
E-mail: henrik.moller@kcl.ac.uk

Henrik Møller
Neil Hanchett
Heather Bourne
Pat McDade

UK, England, Trent
Trent Cancer Registry
5 Old Fulwood Road
Sheffield S10 3TG
South Yorkshire
UK
Tel.: +(44) 114-226-3560
Fax: +(44) 114-226-3561
E-mail: andy.smith@trentcancer.nhs.uk

Sarah Cuthbertson
Louise Hollingworth
Gillian Percival
Jason Poole
Paul B. Silcocks
Andrew Smith
Alexandra E.A. Thackeray
Sue Wild

UK, England, West Midlands
West Midlands Cancer Intelligence Unit
Public Health Building
The University of Birmingham
Birmingham B15 2TT
UK
Tel.: +(44) 121-414-7711
Fax: +(44) 121-414-7712
E-mail: gill.lawrence@wmciu.nhs.uk

G. M. Lawrence
C. Livings
M. Porter
C. Jones
D. Thomas
C.Thomson

UK, Northern Ireland
Northern Ireland Cancer Registry
Centre for Clinical and Population Sciences
Mulhouse Building
Grosvenor Road
Belfast BT 12 6BJ
UK
Tel.: +(44) 28-9063-2573
Fax: +(44) 28-9024-8017
E-mail: a.gavin@qub.ac.uk
w.hamill@qub.ac.uk

Anna T Gavin
Richard J Middleton
Wendy Hamill
Colin R. Fox

UK, Scotland
Scottish Cancer Registry
Information Services Division (NHS National Services Scotland)
Area 159A
Gyle Square
1 South Gyle Crescent
Edinburgh EH12 9EB
UK
Tel.: +(44) 131-275-6092
Fax: +(44) 131-275-7511
E-mail: David.Brewster@isd.csa.scot.nhs.uk

David Brewster
Lesley Bhatti
Alison McDonald
Judith Stark
Roger Black

Oceania

Australia, Australian Capital Territory
ACT Cancer Registry
Population Health Research Centre
ACT Health
Level 1, Building 5
The Canberra Hospital
P.O. Box 11
Woden, ACT 2606
Australia
Tel.: +(61) 2-6207-4032
Fax: +(61) 2-6244-4138
E-mail: cancerregistry@act.gov.au

Linda Halliday
Rosalind Sexton
Janet Li
Elizabeth Tracey

Australia, New South Wales
New South Wales Central Cancer Registry
Cancer Institute (NSW)
Level 1 Biomedical Building
Australian Technology Park
Everleigh, NSW 2015
Locked mail bag 1
Kings Cross, NSW 1340
Australia
Tel.: +(61) 2-8374-5747
Fax: +(61) 2-8374-5744
E-mail: elizabeth.tracey@cancerinstitute.org.au

Elizabeth Tracey
Maria Arcorace
Noreen Panos
Shuling Chen
Bruce Armstrong
Freddy Sitas
Paul Jelfs

Australia, Northern Territory
Northern Territory Cancer Registry
Health Gains Planning Branch
NT Department of Health & Community Services
P.O. Box 40596
Casuarina, NT 0811
Australia
Tel.: +(61) 8-8922-7324
Fax: +(61) 8-8922-7144
E-mail: lindy.garling@nt.gov.au

John R Condon
Lindy Garling
Xiaohua Zhang

Australia, Queensland
Queensland Cancer Registry
553 Gregory Terrace
Fortitude Valley Q 4006
Australia
Tel.: +(61) 7-3258-2333
Fax: +(61) 7-3258-2345
E-mail: Kerrie_Dennison@health.qld.gov.au

Kerrie Dennison
Julie Moore

South Australia
South Australian Cancer Registry
Epidemiology Branch
Dept of Health
P.O. Box 6
Rundle Mall, SA 5000
South Australia
Tel.: +(61) 8-8226-6360
Fax: +(61) 8-8226-6291
E-mail: colin.luke@health.sa.gov.au

Colin Luke
Heather Tredrea
Maria Cirillo
Cathy Weisner
Mary Merdo
Teresa Molik
Chris Groeschel
Maxene Rosenberg
Kevin Priest

Australia, Tasmania
Tasmanian Cancer Registry
Menzies Research Institute
Private Bag 23
Hobart, TAS 7001
Australia
Tel.: +(61) 3-6226-7706 / 57
Fax: +(61) 3-6226-7755
E-mail: alison.venn@utas.edu.au

A. Venn
L. Newman
M. Dalton

Australia, Victoria
Victorian Cancer Registry
The Cancer Council Victoria
Cancer Epidemiology Centre
1 Rathdowne Street
Carlton, South, Vic. 3053
Australia
Tel.: +(61) 3-9635-5154
Fax: +(61) 3-9635-5330
E-mail: Graham.Giles@cancervic.org.au

Graham Giles
Helen Farrugia
Vicky Thursfield
Debbie Billiet

Western Australia
Western Australian Cancer Registry
Dept of Health (WA)
1st floor C Block
189 Royal St
East Perth
WA 6004
Western Australia
Tel.: +(61) 8-9222-4022 / 4249
Fax: +(61) 8-9222-4236
E-mail: tim.threlfall@health.wa.gov.au

Timothy J. Threlfall
Judith R. Thompson

French Polynesia
Registre des Cancers de Polynésie française (French Polynesia Cancer Registry)
Direction de la Santé
Bureau de la Veille Sanitaire
BP 611
98713 Papeete
Tahiti
French Polynesia
Tel.: +(689) 46.00.52 / 50
Fax: +(689) 46.00.59
E-mail: nicole.cerf@sante.gov.pf

Mareva Tourneux
Nicole Cerf
Laure Yen Kai Sun

New Zealand
New Zealand Cancer Registry
NZ Health Information Service
P.O. Box 5013
Wellington
New Zealand
Tel.: +(64) 4-460-4034
Fax: +(64) 4-922-1897
E-mail: susan_hanna@nzhis.govt.nz

Susan Hanna
Chris Lewis

USA, Hawaii
Hawai'i Tumor Registry
Cancer Research Center of Hawai'i
University of Hawai'i
1236 Lauhala St
Honolulu, HI 96813-2424
USA
Tel.: +808-586-9750
Fax: +808-587-0024
E-mail: StevensJ@imsweb.com

Marc T. Goodman
Brenda Y. Hernandez
Laurence N. Kolonel

Chapter 1: Introduction

M.P. Curado, H.R. Shin and J. Ferlay

Cancer Incidence in Five Continents (CI5) Volume IX presents incidence data from populations all over the world for which good quality data are available.

Background

A detailed questionnaire was requested to be completed by all cancer registries that were able to contribute to Volume IX and also by national registry associations and networks. The registries could delegate data submission to their associations but had to submit their own questionnaires. All instructions for preparing the data were explained in the questionnaire and an email address, CI5-IX@iarc.fr, was expressly created to handle all correspondence relative to the preparation of this volume.

The reference time period for Volume IX was defined to be 1998–2002; in order to allow the Editors to verify some aspects of quality, comparability and completeness for each submission, the contributors were asked to also send data for the years prior to the reference period.

The publication

The data presented in Volume IX are expanded on by seven introductory chapters, reduced from nine in the previous volume: this Introduction, Techniques of registration; Classification and coding; Histological groups; Comparability and quality of data; Processing of data; and Age standardization and denominators. The evaluation criteria used to analyse the data submitted by the cancer registries were based on *Cancer Registration, Principles and Methods* (IARC, 1991).

We received data from 406 cancer registry populations (Table 1.1). Data submitted on 106 populations from cancer registries were excluded. Volume IX thus presents cancer incidence data from 300 populations, 225 cancer registries and 60 countries, an increase of 28.6% over Volume VIII.

Table 1.1 Cancer population data submitted to CI5 Volume IX for the period 1998–2002

	Submitted	Accepted
Countries	80	60
Registries	313	225
Populations	406	300

Geographical coverage in CI5 Volume IX

The geographical coverage of CI5 Volume IX by continent is shown in Table 1.2 below: Africa has included data from 5 of the 14 countries that submitted data, South and Central America 8 of 11, North America 2 of 2 countries, Asia 15 of 18, Europe 29 of 30 countries and Oceania 4 of 6 countries.

The proportion of cancer registries represented by continent is as follows: Africa 31% (5/16), South and Central America 38% (11/29), North America 93% (54/58), Asia 57% (44/77), Europe 83% (100/120) and Oceania 85% (11/13).

The share of the world population covered in this volume is 11%, distributed as follows: Africa: 8.8 million (1%), South and Central America: 23 million (4%), North America: 258.5 million (80%), Asia: 152.3 million (4%), Europe: 238.8 million (33%) and Oceania: 23 million (73%).

Table 1.2 Geographical coverage by country, registry and population group

	Countries		Registries		Populations	
	Submitted	Accepted	Submitted	Accepted	Submitted	Accepted
Africa	14	5	16	5	16	5
South and Central America	11	8	29	11	29	11
North America	2	2	58	54	136	118
Asia	18	15	77	44	84	50
Europe	30	29	120	100	123	100
Oceania	6	4	13	11	18	16
Total	80	60	313	225	406	300

Note: The sum of the individual countries is greater than the total, reflecting the fact that some countries are present in more than one continent

Geographical coverage in the nine successive volumes of *Cancer Incidence in Five Continents*

Tables 1.3 and 1.4 and Figure 1.1 outline the overall geographical coverage in terms of the number of registries, populations and countries included in each volume of CI5.

Table 1.3 Coverage in nine volumes of *Cancer Incidence in Five Continents*

Volume	Year of publication	Registries	Populations	Countries	Period (approx.)
I	1966	32	35	29	1960–1962
II	1970	47	58	24	1963–1967
III	1976	61	79	29	1968–1972
IV	1982	79	103	32	1973–1977
V	1987	105	137	36	1978–1982
VI	1992	138	166	49	1983–1987
VII	1997	150	183	50	1988–1992
VIII	2002	186	214	57	1993-1997
IX	2007	225	300	60	1998-2002

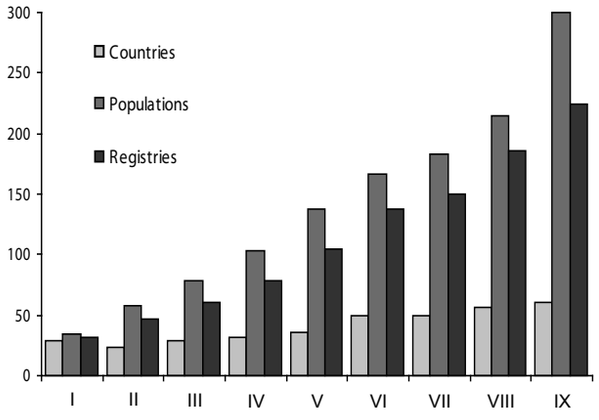

Figure 1.1 Coverage in nine volumes of *Cancer Incidence in Five Continents*

This publication was developed via an interactive relationship among the contributors and the editors mainly through the power of the electronic presentation of data, while retaining the traditional tables of incidence rates and registry descriptions as in previous editions. The website http://www-dep.iarc.fr/ provides multiple options for analysis of cancer incidence across the world, in order to be beneficial to epidemiologists, oncologists, researchers and cancer policy makers.

Acknowledgments: The Editors would like to thank Vincent Benoist and Marilyne Goutagny, who abstracted and tabulated the information from the questionnaires completed by each contributor, and Krittika Guinot, who created the maps. The Editors would also like to thank the directors and registrars from all the cancer registries who submitted their data to this volume for their efforts to produce cancer incidence data and make it available to the world. Their work is the cornerstone of cancer descriptive epidemiology and provides a basis for future cancer research and health policies.

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Table 1.4 Geographical coverage in the nine successive volumes of *Cancer Incidence in Five Continents*

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX
Africa									
Algeria, Algiers	-	-	-	-	-	-	-	1993-97	-
Algeria, Sétif	-	-	-	-	-	1986-89	1990-93	-	1998-2002
Egypt, Gharbiah	-	-	-	-	-	-	-	-	1999-2002
France, La Réunion	-	-	-	-	-	-	1988-92	1993-94	-
The Gambia	-	-	-	-	-	1987-89	-	1997-98	-
Mali, Bamako	-	-	-	-	-	1987-89	1988-92	1994-96	-
Mozambique, Lourenço Marques	1956-60	-	-	-	-	-	-	-	-
Nigeria, Ibadan	1960-62	1960-65	1960-69	-	-	-	-	-	-
Rhodesia, Bulawayo: African	-	1963-67	1968-72	-	-	-	-	-	-
Senegal, Dakar	-	-	-	1969-74	-	-	-	-	-
South Africa, Cape Province:									
White	-	1956-59	-	-	-	-	-	-	-
Coloured	-	1956-59	-	-	-	-	-	-	-
Bantu	-	1956-59	-	-	-	-	-	-	-
South Africa, Johannesburg:									
Bantu	1953-55	-	-	-	-	-	-	-	-
Natal : African	-	1964-66	-	-	-	-	-	-	-
Indian	-	1964-66	-	-	-	-	-	-	-
Tunisia, Central Region	-	-	-	-	-	-	-	-	1998-2002
Uganda, Kyadondo County	1954-60	-	-	-	-	-	1991-93	1993-97	1998-2002
Zimbabwe:									
Bulawayo: African	-	1963-67	1968-72	-	-	-	-	-	-
Harare: African	-	-	-	-	-	-	1990-92	1993-97	1998-2002
European	-	-	-	-	-	-	1990-92	-	-
Central and South America									
Argentina, Bahía Blanca	-	-	-	-	-	-	-	1993-97	1998-2002
Argentina, Concordia	-	-	-	-	-	-	1990-94	1993-97	-
Bermuda: Black	-	-	-	-	-	1983-87	-	-	-
White and Other	-	-	-	-	-	1983-87	-	-	-
Brazil, Belém	-	-	-	-	-	-	1989-91	-	-
Brazil, Brasilia	-	-	-	-	-	-	-	-	1998-2001
Brazil, Campinas	-	-	-	-	-	-	-	1991-95	-
Brazil, Cuiaba	-	-	-	-	-	-	-	-	2000-2002
Brazil, Fortaleza	-	-	-	-	1978-82	-	-	-	-
Brazil, Goiânia	-	-	-	-	-	1988-89	1990-93	1995-98	1999-2002
Brazil, Porto Alegre	-	-	-	-	1979-82	1987	1990-92	-	-
Brazil, Recife	-	-	1968-71	-	1980	-	-	-	-
Brazil, São Paulo	-	-	1969	1973	1978	-	-	-	1998-2002
Chile	1959-61	-	-	-	-	-	-	-	-
Chile, Valdivia	-	-	-	-	-	-	-	-	1998-2002
Colombia, Cali	1962-64	1962-66	1967-71	1972-76	1977-81	1982-86	1987-91	1992-96	1998-2002
Costa Rica	-	-	-	-	1980-82	1984-87	1988-92	1993-97	1998-2002

Table 1.4 Geographical coverage in the nine successive volumes of *Cancer Incidence in Five Continents*

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX
Cuba	-	-	1968-72	1973-77	-	1986	-	-	-
Cuba, Villa Clara	-	-	-	-	-	-	-	1995-97	-
Ecuador, Quito	-	-	-	-	-	1985-87	1988-92	1993-97	1998-2002
France, Martinique	-	-	-	-	1981-82	1983-87	-	1993-95	1998-2002
Jamaica, Kingston and St Andrews	1958-63	1964-66	1967-72	1973-77	-	-	-	-	-
Netherlands Antilles (less Aruba)	-	-	-	1973-78	1978-82	-	-	-	-
Paraguay, Asunción	-	-	-	-	-	1988-89	-	-	-
Peru, Lima	-	-	-	-	-	-	1990-91	-	-
Peru, Trujillo	-	-	-	-	-	1984-87	1988-90	-	1998-2002
Uruguay, Montevideo	-	-	-	-	-	-	1990-92	1993-95	-
USA, Puerto Rico	1962-63	1964-66	1968-72	1973-77	1978-82	1983-87	1988-91	1992-93	-
North America									
Canada	-	-	-	-	1978-82	1983-87	1988-92	1993-97	1998-2002
Canada, Alberta	1960-62	1963-66	1969-72	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Canada, British Columbia	-	-	1969-72	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Canada, Manitoba	1960-62	1963-66	1969-72	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Canada, Maritime Provinces (New Brunswick, Nova Scotia, Prince Edward Island)	-	-	1969-72	1973-77	1978-82	1983-87	-	-	-
Canada, New Brunswick	1962-64	1965-66	-	-	1978-82	1983-86	1988-92	1993-97	1998-2002
Canada, Newfoundland and Labrador	1960-62	1963-66	1969-72	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Canada, Northwest Territories and Yukon	-	-	-	1973-77	1978-82	1983-87	-	-	-
Canada, Northwest Territories	-	-	-	-	-	-	1983-92	1983-97	1998-2002
Canada, Nova Scotia	-	-	-	-	1978-82	1983-87	1988-92	1993-97	1998-2002
Canada, Ontario	-	-	-	1969-71	1978-82	1983-87	1988-92	1993-97	1998-2002
Canada, Prince Edward Island	-	-	-	-	1978-82	1983-87	1988-92	1993-97	1998-2002
Canada, Quebec	-	1963-66	1969-72	1973-77	1978-81	1983-87	1988-92	1993-97	-
Canada, Saskatchewan	1960-62	1963-66	1969-72	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Canada, Yukon	-	-	-	-	-	-	1983-92	1983-97	-
USA, Alabama:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	-	-	-	1998-2002
White	-	-	-	-	-	-	-	-	1998-2002
USA, Alaska	-	-	-	-	-	-	-	-	1998-2002
USA, Arizona	-	-	-	-	-	-	-	-	1998-2002
USA, California:	-	-	-	-	-	-	-	-	1998-2002
Asian and Pacific Islander	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	-	-	-	1998-2002
Hispanic White	-	-	-	-	-	-	-	-	1998-2002
Non-Hispanic White	-	-	-	-	-	-	-	-	1998-2002
USA, California, Alameda County:									
Black	-	1960-64	1969-73	1973-77	1978-82	1983-87	-	-	-
White	-	1960-64	1969-73	1973-77	1978-82	1983-87	-	-	-

Table 1.4 Geographical coverage in the nine successive volumes of *Cancer Incidence in Five Continents*

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX
USA, California, Central Valley:									
Hispanic	-	-	-	-	-	-	1988-92	-	-
Non-Hispanic White	-	-	-	-	-	-	1988-92	-	-
USA, California, Greater San Francisco Bay Area	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	1969-73	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Chinese	-	-	1969-73	1973-77	1978-82	-	1988-92	-	1998-2002
Filipino	-	-	-	-	1978-82	-	1988-92	-	1998-2002
Hispanic White	-	-	-	-	-	-	1988-92	1993-97	1998-2002
Non-Hispanic White	-	-	-	-	-	-	1988-92	1993-97	1998-2002
Japanese	-	-	-	1973-77	1978-82	-	1988-92	-	1998-2002
White	-	-	1969-73	1973-77	1978-82	1983-87	-	-	-
USA, California, Los Angeles County:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	1972-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Chinese	-	-	-	1972-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Filipino	-	-	-	-	1978-82	1983-87	1988-92	1993-97	1998-2002
Hispanic White	-	-	-	-	-	-	1988-92	1993-97	1998-2002
Non-Hispanic White	-	-	-	-	-	-	1988-92	1993-97	1998-2002
Japanese	-	-	-	1972-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Korean	-	-	-	-	1978-82	1983-87	1988-92	1993-97	1998-2002
Spanish-surnamed White	-	-	-	1972-77	1978-82	1983-87	-	-	-
Other White	-	-	-	1972-77	1978-82	1983-87	-	-	-
USA, Colorado	-	-	-	-	-	-	-	-	1998-2002
USA, Connecticut:	1960-62	1963-65	1968-72	1973-77	-	-	1988-92	1993-97	1998-2002
Black	-	-	-	-	1978-82	1983-87	1988-92	1993-97	1998-2002
White	-	-	-	-	1978-82	1983-87	1988-92	1993-97	1998-2002
USA, District of Columbia:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	-	-	-	1998-2002
White	-	-	-	-	-	-	-	-	1998-2002
USA, Florida:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	-	-	-	1998-2002
White	-	-	-	-	-	-	-	-	1998-2002
USA, Georgia:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	-	-	-	1998-2002
White	-	-	-	-	-	-	-	-	1998-2002
USA, Georgia, Atlanta:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	1975-77	1978-82	1983-87	1988-92	1993-97	1998-2002
White	-	-	-	1975-77	1978-82	1983-87	1988-92	1993-97	1998-2002
USA, Idaho	-	-	-	-	-	-	-	-	1998-2002
USA, Illinois:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	-	-	-	1998-2002
White	-	-	-	-	-	-	-	-	1998-2002
USA, Indiana	-	-	-	-	-	-	-	-	1998-2002
USA, Iowa	-	-	1969-71	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002

Table 1.4 Geographical coverage in the nine successive volumes of *Cancer Incidence in Five Continents*

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX
USA, Kentucky	-	-	-	-	-	-	-	-	1998-2002
USA, Louisiana:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	-	-	-	1998-2002
White	-	-	-	-	-	-	-	-	1998-2002
USA, Louisiana, Central Region:	-								
Black	-	-	-	-	-	-	1988-92	1993-93	-
White	-	-	-	-	-	-	1988-92	1993-97	-
USA, Louisiana, New Orleans:	-								
Black	-	-	-	1974-77	1978-82	1983-87	1988-92	1993-97	1998-2002
White	-	-	-	1974-77	1978-82	1983-87	1988-92	1993-97	1998-2002
USA, Maine	-	-	-	-	-	-	-	-	1998-2002
USA, Massachusetts	-	-	-	-	-	-	-	-	1998-2002
USA, Michigan:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	-	-	-	1998-2002
White	-	-	-	-	-	-	-	-	1998-2002
USA, Michigan, Detroit:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	1969-71	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
White	-	-	1969-71	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
USA, Missouri:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	-	-	-	1998-2002
White	-	-	-	-	-	-	-	-	1998-2002
USA, Montana	-	-	-	-	-	-	-	-	1998-2002
USA, Nevada	-	1959-66	-	-	-	-	-	-	-
USA, New Jersey:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	-	-	1993-97	1998-2002
White	-	-	-	-	-	-	-	1993-97	1998-2002
USA, New Mexico:	-	-	-	-	-	1983-87	-	1993-97	1998-2002
American Indian	-	-	1969-72	1973-77	1978-82	-	1988-92	1993-97	1998-2002
Hispanic	-	-	1969-72	1973-77	1978-82	-	-	-	-
Hispanic White	-	-	-	-	-	-	1988-92	1993-97	1998-2002
Non-Hispanic White	-	-	-	-	-	-	1988-92	1993-97	1998-2002
Other White (Anglo)	-	-	1969-72	1973-77	1978-82	-	-	-	-
USA, New York City	-	-	-	-	1978-82	1983-87	-	-	-
USA, New York State:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	-	-	-	1998-2002
White	-	-	-	-	-	-	-	-	1998-2002
USA, New York State (less New York City):	1959-61	-	1969-71	1973-77	1978-82	1983-87	-	1993-97	-
Black	-	-	-	-	-	-	-	1993-97	-
White	-	-	-	-	-	-	-	1993-97	-
USA, NPCR:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	-	-	-	1998-2002
White	-	-	-	-	-	-	-	-	1998-2002

Table 1.4 Geographical coverage in the nine successive volumes of *Cancer Incidence in Five Continents*

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX
USA, Ohio:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	-	-	-	1998-2002
White	-	-	-	-	-	-	-	-	1998-2002
USA, Oklahoma	-	-	-	-	-	-	-	-	1998-2002
USA, Oregon	-	-	-	-	-	-	-	-	1998-2002
USA, Pennsylvania:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	-	-	-	1998-2002
White	-	-	-	-	-	-	-	-	1998-2002
USA, Rhode Island	-	-	-	-	-	-	-	-	1998-2002
USA, SEER (9 Registries):	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	1983-87	1988-92	1993-97	1998-2002
White	-	-	-	-	-	1983-87	1988-92	1993-97	1998-2002
USA, SEER (14 Registries):	-	-	-	-	-	-	-	-	1998-2002
Asian and Pacific Islander	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	-	-	-	1998-2002
Hispanic White	-	-	-	-	-	-	-	-	1998-2002
Non-Hispanic White	-	-	-	-	-	-	-	-	1998-2002
USA, South Carolina:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	-	-	-	1998-2002
White	-	-	-	-	-	-	-	-	1998-2002
USA, Texas:	-	-	-	-	-	-	-	-	1998-2002
Black	-	-	-	-	-	-	-	-	1998-2002
White	-	-	-	-	-	-	-	-	1998-2002
USA, Texas, El Paso:									
Latin	-	1960-66	1968-70	-	-	-	-	-	-
Other than Latin	-	1960-66	1968-70	-	-	-	-	-	-
USA, Utah	-	-	1966-70	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
USA, Vermont	-	-	-	-	-	-	-	-	1998-2002
USA, Washington	-	-	-	-	-	-	-	-	1998-2002
USA, Washington, Seattle	-	-	-	1974-77	1978-82	1983-87	1988-92	1993-97	1998-2002
USA, West Virginia	-	-	-	-	-	-	-	-	1998-2002
USA, Wisconsin	-	-	-	-	-	-	-	-	1998-2002
Asia									
Bahrain: Bahraini	-	-	-	-	-	-	-	-	1998-2002
China, Beijing	-	-	-	-	-	-	-	1993-97	-
China, Changle	-	-	-	-	-	-	-	1993-97	-
China, Cixian	-	-	-	-	-	-	-	1993-97	-
China, Guangzhou City	-	-	-	-	-	-	-	-	2000-2002
China, Hong Kong	-	-	-	1974-77	1978-82	1983-87	1988-92	1993-97	1998-2002
China, Jiashan	-	-	-	-	-	-	-	1993-97	1998-2002
China, Nangang District, Harbin City	-	-	-	-	-	-	-	-	1998-2002
China, Qidong County	-	-	-	-	-	1983-87	1988-92	1993-97	-

Table 1.4 Geographical coverage in the nine successive volumes of *Cancer Incidence in Five Continents*

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX
China, Shanghai	-	-	-	1975	1978-82	1983-87	1988-92	1993-97	1998-2002
China, Taiwan	-	-	-	-	-	-	-	1997	-
China, Tianjin	-	-	-	-	1981-82	1983-87	1988-92	1993-97	-
China, Wuhan	-	-	-	-	-	-	-	1993-97	-
China, Zhongshan	-	-	-	-	-	-	-	-	1998-2002
Cyprus	-	-	-	-	-	-	-	-	1998-2002
India, Ahmedabad	-	-	-	-	-	1983-87	-	1993-97	-
India, Bangalore	-	-	-	-	1982	1983-87	1988-92	1993-97	-
India, Barshi, Paranda and Bhum	-	-	-	-	-	-	1988-92	-	-
India, Chennai (Madras)	-	-	-	-	1982	1983-87	1988-92	1993-97	1998-2002
India, Karunagappally	-	-	-	-	-	-	1991-92	1993-97	1998-2002
India, Mumbai (Bombay)	-	1964-66	1968-72	1973-75	1978-82	1983-87	1988-92	1993-97	1998-2002
India, Nagpur	-	-	-	-	1980-82	-	-	1993-97	1998-2002
India, New Delhi	-	-	-	-	-	-	-	1993-96	1998-2002
India, Poona (Pune)	-	-	-	1973-77	1978-82	-	-	1993-97	1998-2002
India, Trivandrum	-	-	-	-	-	-	1991-92	1993-97	1998-2002
Israel:	1960-63	-	-	-	-	-	-	1993-97	1998-2002
All Jews	-	1960-66	1967-71	1972-76	1977-81	1982-86	1988-92	1993-97	1998-2002
Jews born in Israel	-	1960-66	1967-71	1972-76	1977-81	1982-86	1988-92	1993-97	-
Jews born in Africa or Asia	-	1960-66	1967-71	1972-76	1977-81	1982-86	1988-92	1993-97	-
Jews born in Europe or America	-	1960-66	1967-71	1972-76	1977-81	1982-86	1988-92	1993-97	-
Non-Jews	-	1960-66	1967-71	1972-76	1977-81	1982-86	1988-92	1993-97	1998-2002
Japan, Aichi Prefecture	-	-	-	-	-	-	-	-	1998-2002
Japan, Fukui Prefecture	-	-	-	-	-	-	-	-	1998-2002
Japan, Fukuoka	-	-	-	1974-75	-	-	-	-	-
Japan, Hiroshima	-	-	-	-	1978-80	1981-85	1986-90	1991-95	1996-2000
Japan, Miyagi Prefecture	1959-60	1962-64	1968-71	1973-77	1978-81	1983-87	1988-92	1993-97	1998-2002
Japan, Nagasaki Prefecture	-	-	-	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Japan, Okayama	-	1966	1969	-	-	-	-	-	-
Japan, Osaka Prefecture	-	-	1970-71	1973-77	1979-82	1983-87	1988-92	1993-97	1998-2002
Japan, Saga	-	-	-	-	-	1984-86	1988-92	1993-97	-
Japan, Yamagata Prefecture	-	-	-	-	-	1983-86	1988-92	1993-97	1998-2002
Korea	-	-	-	-	-	-	-	-	1999-2002
Korea, Busan	-	-	-	-	-	-	-	1996-97	1998-2002
Korea, Daegu	-	-	-	-	-	-	-	1997-98	1998-2002
Korea, Daejeon	-	-	-	-	-	-	-	-	1998-2002
Korea, Gwangju	-	-	-	-	-	-	-	-	1998-2002
Korea, Incheon	-	-	-	-	-	-	-	-	1998-2002
Korea, Jejudo	-	-	-	-	-	-	-	-	2000-2002
Korea, Kangwha County	-	-	-	-	-	-	1986-92	1993-97	-
Korea, Seoul	-	-	-	-	-	-	-	1993-97	1998-2002
Korea, Ulsan	-	-	-	-	-	-	-	-	1999-2002

Table 1.4 Geographical coverage in the nine successive volumes of *Cancer Incidence in Five Continents*

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX
Kuwait: Kuwaitis	-	-	-	-	1979-82	1983-87	1988-89 1992-93	1994-98	1998-2002
Non-Kuwaitis	-	-	-	-	1979-82	1983-87	1988-89 1992-93	1994-98	1998-2002
Kyrgyzstan	-	-	-	-	-	1986-87	-	-	-
Malaysia, Penang	-	-	-	-	-	-	-	-	1998-2002
Malaysia, Sarawak	-	-	-	-	-	-	-	-	1998-2002
Oman: Omani	-	-	-	-	-	-	-	1993-97	1998-2001
Pakistan, South Karachi	-	-	-	-	-	-	-	1995-97	1998-2002
Philippines, Manila	-	-	-	-	-	1983-87	1988-92	1993-97	1998-2002
Philippines, Rizal	-	-	-	-	1978-82	1983-87	-	1993-97	-
Singapore:	-	-	-	-	-	-	-	-	1998-2002
Chinese	1950-61	-	1968-72	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Indian	-	-	1968-72	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Malay	-	-	1968-72	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Thailand, Bangkok	-	-	-	-	-	-	-	1995-97	-
Thailand, Chiang Mai	-	-	-	-	-	1983-87	1988-92	1993-97	1998-2002
Thailand, Khon Kaen	-	-	-	-	-	1988-89	1990-93	1993-97	-
Thailand, Lampang	-	-	-	-	-	-	-	1993-97	1998-2002
Thailand, Songkhla	-	-	-	-	-	-	-	1993-96	1998-2002
Turkey, Antalya	-	-	-	-	-	-	-	-	1998-2002
Turkey, Izmir	-	-	-	-	-	-	-	-	1998-2002
Viet Nam, Hanoi	-	-	-	-	-	-	1991-93	1993-97	-
Viet Nam, Ho Chi Minh City	-	-	-	-	-	-	-	1995-98	-
Europe									
Austria	-	-	-	-	-	-	-	-	1998-2002
Austria, Tyrol	-	-	-	-	-	-	1988-92	1993-97	1998-2002
Austria, Vorarlberg	-	-	-	-	-	-	-	1993-97	1998-2002
Belarus	-	-	-	-	-	1983-87	1988-92	1993-97	1998-2002
Belgium, Antwerp	-	-	-	-	-	-	-	-	1998-2002
Belgium, Flanders	-	-	-	-	-	-	-	-	1998-2001
Belgium, Flanders (less Limburg)	-	-	-	-	-	-	-	1997-98	-
Belgium, Limburg	-	-	-	-	-	-	-	1997-98	-
Bulgaria	-	-	-	-	-	-	-	-	1998-2002
Croatia	-	-	-	-	-	-	1988-91	1993-97	1998-2002
Czech Republic	-	-	-	-	-	1983-87	1988-92	1993-97	1998-2002
Denmark	1953-57	1958-62	1963-67	1968-72 1973-76	1978-82	1983-87	1988-92	1993-97	1998-2002
Estonia	-	-	-	-	-	1983-87	1988-92	1993-97	1998-2002
Finland	1959-61	1962-65	1966-70	1971-76	1977-81	1982-86	1987-92	1993-97	1998-2002
France, Bas-Rhin	-	-	-	1975-77	1978-81	1983-87	1988-92	1993-97	1998-2002
France, Calvados	-	-	-	-	1978-82	1983-87	1988-92	1993-97	1998-2002
France, Côte d'Or	-	-	-	-	-	-	-	1993-97	-

Table 1.4 Geographical coverage in the nine successive volumes of *Cancer Incidence in Five Continents*

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX
France, Doubs	-	-	-	1977	1978-82	1983-87	1988-92	1993-97	1998-2002
France, Haut-Rhin	-	-	-	-	-	-	1988-92	1993-97	1998-2002
France, Hérault	-	-	-	-	-	-	1988-92	1993-97	1998-2002
France, Isère	-	-	-	-	1979-82	1983-87	1988-92	1993-97	1998-2002
France, Loire-Atlantique	-	-	-	-	-	-	-	-	1998-2002
France, Manche	-	-	-	-	-	-	-	1994-97	1998-2002
France, Somme	-	-	-	-	-	1983-84	1988-92	1993-97	1998-2002
France, Tarn	-	-	-	-	-	1983-87	1988-92	1993-97	1998-2002
France, Vendée	-	-	-	-	-	-	-	-	1998-2002
Germany, Federal States of Berlin etc. :									
Germany, Brandenburg	-	-	-	-	-	-	-	-	1998-2002
Germany, Free State of Saxony	-	-	-	-	-	-	-	-	1998-2002
Germany, Mecklenburg-Western Pomerania	-	-	-	-	-	-	-	-	1998-2002
Germany, Eastern States (ex-GDR)	-	1964-66	1968-72	1973-77	1978-82	1983-87	1988-89	-	-
Germany, Hamburg	1960-62	1963-66	1969-72	1973-77	1978-79	-	-	-	1998-2002
Germany, Munich	-	-	-	-	-	-	-	-	1998-2002
Germany, North Rhine-Westphalia: Münster	-	-	-	-	-	-	-	-	1998-2002
Germany, Saarland	-	-	1968-72	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Hungary, County Szabolcs-Szatmar	-	1962-66	1969-71	1973-77	1978-82	1983-87	-	-	-
Hungary, County Vas	-	1962-66	1968-72	1973-77	1978-82	1983-87	-	-	-
Hungary, Miskolc	-	1962-66	-	-	-	-	-	-	-
Iceland	1955-63	-	1964-72	-	1973-82	1983-87	1988-92	1993-97	1998-2002
Ireland	-	-	-	-	1980-82	1983-86	1988-92	1994-97	1998-2002
Italy, Biella Province	-	-	-	-	-	-	-	1995-97	1998-2002
Italy, Brescia Province	-	-	-	-	-	-	-	-	1999-2001
Italy, Ferrara Province	-	-	-	-	-	-	1991-92	1993-97	1998-2002
Italy, Florence and Prato	-	-	-	-	-	1985-87	1988-91	1993-97	1998-2002
Italy, Genoa	-	-	-	-	-	1986-87	1988-92	-	-
Italy, Latina	-	-	-	-	-	1983-85	1988-91	-	-
Italy, Liguria	-	-	-	-	-	-	-	1996-97	-
Italy, Liguria, Genoa Province	-	-	-	-	-	-	-	1993-96	1998-2000
Italy, Macerata Province	-	-	-	-	-	-	1991-92	1993-97	1998-2000
Italy, Milan	-	-	-	-	-	-	-	-	1999-2002
Italy, Modena Province	-	-	-	-	-	-	1988-92	1993-97	1998-2002
Italy, Naples	-	-	-	-	-	-	-	-	1998-2002
Italy, North East	-	-	-	-	-	-	-	1995-97	1998-2002
Italy, Parma Province	-	-	-	-	1978-82	1983-87	1988-92	1993-97	1998-2002
Italy, Ragusa Province	-	-	-	-	-	1986-87	1988-92	1993-97	1998-2002
Italy, Reggio Emilia Province	-	-	-	-	-	-	-	-	1998-2002
Italy, Romagna Region	-	-	-	-	-	1985-87	1989-92	1993-97	1998-2002

Table 1.4 Geographical coverage in the nine successive volumes of *Cancer Incidence in Five Continents*

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX
Italy, Salerno Province	-	-	-	-	-	-	-	-	1998-2001
Italy, Sassari Province	-	-	-	-	-	-	-	1993-97	1998-2002
Italy, Sondrio	-	-	-	-	-	-	-	-	1998-2002
Italy, Syracuse Province	-	-	-	-	-	-	-	-	1999-2002
Italy, Torino	-	-	-	-	-	1984-85	1988-91	1993-97	1998-2002
Italy, Trieste	-	-	-	-	-	1983-87	1989-92	-	-
Italy, Umbria Region	-	-	-	-	-	-	-	1994-96	1998-2002
Italy, Varese Province	-	-	-	1976-77	1978-81	1983-87	1988-92	1993-97	1998-2000
Italy, Veneto Region	-	-	-	-	-	-	1988-92	1993-96	1998-2001
Latvia	-	-	-	-	-	1983-87	1988-92	1993-97	1998-2002
Lithuania	-	-	-	-	-	-	-	1988-92 1993-97	1998-2002
Malta	-	-	1969-72	-	-	-	1992-93	1993-97	1998-2002
The Netherlands	-	-	-	-	-	-	1989-92	1993-97	1998-2002
The Netherlands, Three Provinces	1960-62	-	-	-	-	-	-	-	-
The Netherlands, Eindhoven	-	-	-	-	1978-82	1983-87	1988-92	1993-97	1998-2002
The Netherlands, Maastricht	-	-	-	-	-	1986-88	1988-92	1993-97	1998-2002
Norway	1959-61	1964-66	1968-72	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Poland, Cieszyn Area	-	-	1968-72	1973-77	-	-	-	-	-
Poland, Cracow	-	1965-66	1968-72	1973-77	1978-81	1983-86	1988-92	1993-97	1998-2002
Poland, Katowice District	-	1965-66	1970-72	1973-74	-	-	-	-	-
Poland, Kielce	-	-	-	-	-	-	1988-92	1993-96	1998-2002
Poland, Lower Silesia	-	-	-	-	-	1984-87	1988-92	1993-97	-
Poland, Nowy Sacz	-	-	1968-72	1973-77	1978-81	1983-86	-	-	-
Poland, Opole	-	-	-	-	-	1985-87	-	-	-
Poland, Warsaw City	-	1965-66	1968-72	1973-77	1980-82	1983-87	1989-92	1993-97	1998-2002
Poland, Warsaw Rural Areas	-	1965-66	1968-72	1973-77	-	1983-87	-	-	-
Portugal, Porto	-	-	-	-	-	-	-	-	1998-2002
Portugal, South Regional	-	-	-	-	-	-	-	-	1999-2001
Portugal, Vila Nova de Gaia	-	-	-	-	-	1983-87	-	1993-97	-
Romania, Banat Region	-	1967	-	-	-	-	-	-	-
Romania, County Cluj	-	-	-	1974-78	1979-82	1983-87	-	-	-
Romania, County Timis	-	-	1970-72	-	-	-	-	-	-
Russia, St Petersburg	-	-	-	-	-	1983-87	-	1994-97	1998-2002
Serbia	-	-	-	-	-	-	-	-	1999-2002
Slovak Republic	-	-	-	-	1978-82	1983-87	1988-92	1993-97	1998-2002
Slovakia, Western	-	-	-	1973-77	-	-	-	-	-
Slovenia	1956-60	1961-65	1968-72	1973-76	1978-81	1982-87	1988-92	1993-97	1998-2002
Spain, Albacete	-	-	-	-	-	-	1991-92	1993-97	1998-2001
Spain, Asturias	-	-	-	-	-	-	1988-91	1992-95	1996-2000
Spain, Basque Country	-	-	-	-	-	1986-87	1988-91	-	1998-2001
Spain, Canary Islands	-	-	-	-	-	-	-	1993-95	1997-2001
Spain, Cuenca	-	-	-	-	-	-	-	1993-97	1998-2002
Spain, Girona	-	-	-	-	-	-	-	1994-97	1998-2002

Table 1.4 Geographical coverage in the nine successive volumes of *Cancer Incidence in Five Continents*

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX
Spain, Granada	-	-	-	-	-	1985-87	1988-92	1993-97	1998-2002
Spain, Mallorca	-	-	-	-	-	-	1988-92	1993-96	-
Spain, Murcia	-	-	-	-	-	1984-87	1988-92	1993-96	1997-2001
Spain, Navarra	-	-	-	1973-77	1978-82	1983-86	1987-91	1993-97	1998-2002
Spain, Tarragona	-	-	-	-	1980-83	1984-87	1988-92	1993-97	1998-2001
Spain, Zaragoza	-	-	1968-72	1973-77	1978-82	1983-85	1986-90	1991-95	1996-2000
Sweden	1959-61	1962-65	1966-70	1971-75	1978-82	1983-87	1988-92	1993-97	1998-2002
Switzerland, Basel	-	-	-	-	1981-82	1983-87	1988-92	1993-97	-
Switzerland, Geneva	-	-	1970-72	1973-77	1979-82	1983-87	1988-92	1993-97	1998-2002
Switzerland, Graubünden	-	-	-	-	-	-	1989-92	-	-
Switzerland, Graubünden and Glarus	-	-	-	-	-	-	-	1993-97	1998-2002
Switzerland, Neuchâtel	-	-	-	1974-76	1978-82	1983-87	1988-92	1993-96	1998-2002
Switzerland, St Gall-Appenzell	-	-	-	-	-	1983-87	1988-92	1993-97	1998-2002
Switzerland, Ticino	-	-	-	-	-	-	-	1996-97	1998-2002
Switzerland, Valais	-	-	-	-	-	-	1989-92	1993-97	1998-2002
Switzerland, Vaud	-	-	-	1975-77	1978-82	1983-87	1988-92	1993-96	1998-2002
Switzerland, Zürich	-	-	-	-	1980-82	1983-87	1988-92	1993-96	-
UK, England	-	-	-	-	-	-	-	1993-97	-
UK, England and Wales	-	-	-	-	1979-82	1983-86	1988-90	-	-
UK, England, East of England Region	-	-	-	-	-	-	1988-92	1993-97	1998-2002
UK, England, Merseyside and Cheshire	1959-63	1963-66	1968-72	1975-77	1978-82	1983-87	1988-92	1993-97	1998-2002
UK, England, North Western	-	-	-	1973-77	1979-82	1983-87	1988-92	1993-97	1998-2002
UK, England, Northern and Yorkshire	-	-	-	-	-	-	-	-	1998-2002
UK, England, Oxford Region	-	1963-66	1968-72	1974-77	1979-82	1983-87	1988-92	1993-97	1998-2002
UK, England, South Thames	1960-62	-	1963-66	1973-77	1978-82	1983-87	1988-92	1993-97	-
(South Metropolitan)			1967-71						-
UK, England, South and Western Regions	1960-62	1962-65	1966-70	-	1979-82	1983-87	1988-92	1993-97	1998-2002
UK, England, Thames	-	-	-	-	-	-	-	-	1998-2002
UK, England, Trent	-	1963-66	1967-70	1974-76	1979-82	1983-87	-	1993-97	1998-2002
UK, England, Wessex	-	-	-	-	-	-	1988-92	-	-
UK, England, West Midlands	1960-62	1963-66	1968-72	1973-76	1979-82	1983-86	1988-92	1993-97	1998-2002
UK, England, Yorkshire	-	-	-	-	-	1983-87	1988-92	1993-97	-
UK, Northern Ireland	-	-	-	-	-	-	-	1993-97	1998-2002
UK, Scotland	-	1963-66	-	-	1978-82	1983-87	1988-92	1993-97	1998-2002
UK, Scotland, Ayrshire	-	-	1970-72	-	-	-	-	-	-
UK, Scotland, East	-	-	-	1973-77	1978-82	1983-87	-	-	-
UK, Scotland, North	-	-	-	1973-77	1978-82	1983-87	-	-	-
UK, Scotland, North-East	-	-	-	1973-77	1978-82	1983-87	-	-	-
UK, Scotland, South-East	-	-	-	1973-77	1978-82	1983-87	-	-	-
UK, Scotland, West	-	-	-	1975-77	1978-82	1983-87	1988-92	-	-
Yugoslavia, Vojvodina	-	-	-	-	-	-	1988-92	1993-97	-

Table 1.4 Geographical coverage in the nine successive volumes of *Cancer Incidence in Five Continents*

	Vol. I	Vol. II	Vol. III	Vol. IV	Vol. V	Vol. VI	Vol. VII	Vol. VIII	Vol. IX
Oceania									
Australian Capital Territory	-	-	-	-	1978-82	1983-87	1988-92	1993-97	1998-2002
Australia, New South Wales	-	-	-	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Australia, Northern Territory	-	-	-	-	-	-	-	1993-97	1998-2002
Australia, Queensland	-	-	-	-	1982	-	-	1993-97	1998-2002
South Australia	-	-	-	1977	1978-82	1983-87	1988-92	1993-97	1998-2002
Australia, Tasmania	-	-	-	-	1978-82	1983-87	1988-92	1993-97	1998-2002
Australia, Victoria	-	-	-	-	1982	1983-87	1988-92	1993-97	1998-2002
Western Australia	-	-	-	-	1982	1983-87	1988-92	1993-97	1998-2002
French Polynesia	-	-	-	-	-	-	1988-92	-	1998-2002
New Zealand:	1960-62	-	-	-	-	-	1988-92	1993-97	1998-2002
Maori	-	1962-66	1968-71	1972-76	1978-82	1983-87	-	-	-
Non-Maori	-	1962-66	1968-71	1972-76	1978-82	1983-87	-	-	-
Pacific Polynesian Islanders	-	-	-	-	1978-82	-	-	-	-
USA, Hawaii:	1960-63	-	-	-	-	-	-	1993-97	1998-2002
Chinese	-	1960-64	1968-72	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Filipino	-	1960-64	1968-72	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Hawaiian	1960-63	1960-64	1968-72	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
Japanese	1960-63	1960-64	1968-72	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002
White	1960-63	1960-64	1968-72	1973-77	1978-82	1983-87	1988-92	1993-97	1998-2002

Chapter 2: Techniques of registration

M.P. Curado

The quality of the cancer database in a cancer registry rests not only upon the quality of its sources of information but also upon the registration techniques adopted by the cancer registration team. If these techniques follow the international rules of cancer registration, populations may be compared with confidence. This chapter describes the variation between registries in the methods used to collect data on new cancer cases and on the population at risk in the geographical area covered by the cancer registry.

Registry background

The background of each cancer registry is relevant to the information it delivers. These definitions could affect the data, potentially resulting in an under- or over-reporting of cases. Each point of this issue is discussed briefly below.

Table 2.1 presents a definition of the area covered by the cancer registry. This includes its population, surface area, latitude, the year the registry started, the year population-based data became available, and whether cancer is reportable by L (Legislation), A (Administrative), N (Not reportable) or M (Mixed, a combination of the above). Other variables presented include the percentage of cases treated outside the registration area and the percentage of non-residents treated in the registration area. These topics are discussed in greater detail below.

Populations. The denominator used to calculate rates generally comes from official census data. Rates based on interpolations between censuses tend to be better than projections since the last census. The absolute size of the populations on which the rates are based affects the accuracy of the estimated rates. Rates based on small numbers are more subject to random variation than are rates based on large populations.

Surface area. The population density is calculated by each registry based on the population estimates from the surface area.

Latitude. This localises the position of the cancer registry and enables comparison within the same region.

Year registry started and Year population based data available. To get good-quality data in cancer incidence takes time. For instance, data from new cancer registries should be viewed with some caution, because in the first years of data collection the rates can be underestimated (due to over selectivity causing under collection) or overestimated (due to conflation with already-existing cases).

Cancer reportable. This is a tool used to get a better picture of completeness in cancer registration. The presence of laws and rules that make cancer diagnosis a reportable disease can ensure completeness of the registry data collection, especially in countries where the cancer registry is part of an integrated cancer control programme.

Percentage of cases treated outside the area. If the area covered by the population cancer registry has limited facilities for cancer diagnosis and care, such as surgery, radiotherapy, chemotherapy and pathology laboratories, it will be quite difficult for the cancer registry to get completeness in the area, as the residents with a suspicion of cancer will seek treatment outside the catchment area. Patients may also die outside the catchment area, or even return to die at home after having being diagnosed elsewhere, thus causing underestimation of the local incidence rates.

Percentage of non-residents treated inside the area. If the catchment area has a cancer care centre with a good reputation and treatment and diagnosis facilities available to the population, there may be an increased number of non-residents being treated in the same area as the resident cases. If these non-resident cancer cases are included in the cancer registry database, the local rates may be overestimated.

Case finding

If the geographical area covered by the cancer registry includes cancer centres and radiotherapy services, or any type of oncology or onco- haematological treatment and diagnosis centres such as pathology laboratories where cases can be microscopically verified, this can improve data quality in cancer diagnosis, and is also an important source of quality data on local health services. The main sources of cases are described in Table 2.2.

Data Sources. These sources include hospital in-patient records, radiotherapy departments, public and private hospitals and their in- and out-patient facilities, pathology laboratories, autopsies, haematology laboratories, death certificates and screening programmes.

Abstraction and coding. This details the proportion of manual abstraction and coding of cancer information done by trained cancer registry personnel. Nowadays some cancer registries have automatic registration for which cancer registry personnel must verify the data quality and comparability.

Information recorded

Table 2.3 presents the information recorded by the population-based cancer registry. This is the most relevant information that should be collected by the cancer registries: Basic information includes name, sex, date of birth or age, and usual resident address (permanent) of each patient, which enables personal identification. Further information collected includes ID number; ethnic group/race/colour; incidence date, stage of disease; nature of the first treatment; brain and nervous system; follow–up for vital status (all/selected/none); death certificates used to update vital status; and active follow-up of the alive cases.

Basic information includes name, sex, date of birth or age, and permanent address of the patient. These items are essential for establishing the patient's background in the cancer registry database, precluding double entry of the same case in the registry.

Incidence date includes the date of diagnosis or hospitalisation for first treatment, as well as if possible the primary site and histological type of the cancer diagnosed. It must be coded according to ICD-O-3 (see Chapter 3).

Date of birth is important to assist identification, particularly where there is limited variation in names, or when other specific identifying information is lacking. For comparability, it is necessary to convert any local dating system to a standard system used internationally.

ID number. Some countries have a number unique to the individual, and others have more than one. The use of these identification numbers varies, but whenever such a number exists, the cancer registry should promote its inclusion in the notification form of the cancer registry, as it can be used to eliminate double notification stemming from using multiple sources of information.

Ethnic group/race/colour. For some cancer registries this is an essential item, because social and cultural differences between groups may be related to the utilisation of medical facilities. It can be an indicator of differences in culture and habits that may determine exposure to carcinogenic factors. The definitions of the ethnic groups used by the cancer registries should be compatible with official definitions used for census reports.

Stage of disease can be identified when the diagnosis is made by the physician, and is a standard data point used to analyse post-diagnosis survival and disease stage. The final evaluation of survival depends upon the topography of the tumour at time of the diagnosis.

Nature of the first treatment. The type of treatment modality reflects the general access to basic treatment modalities (but it cannot be used to assess the efficacy of specific treatment).

Brain and nervous system identifies whether cancer registries include benign cancers of the brain and nervous system or not.

Follow-up for vital status, Death certificates used to update vital status, and Active follow-up of the living cases. The follow-up for vital status is important to evaluate survival after treatment and diagnosis, and it can be done actively through a phone call or visit, or passively by matching death certificates with incidence cases.

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Table 2.1 Registry background

	Population	Surface area (km²)	Latitude	Year registry started	Year population-based data available	Cancer reportable by: L/A/N/M*	% cases treated outside registration area	% non-residents treated inside registration area
Africa								
Algeria, Setif	1 365 488	6 504	35° N	1986	1986	A	60	20
Egypt, Gharbiah	3 665 524	1 943	31° N	1998	1999	A	8	10
Tunisia, Central Region	494 800	2 669	NS	1987	1989	A	~ 5	8
Uganda, Kyadondo County	1 526 966	1 914	0° N	1951	1960	N	NS	70
Zimbabwe, Harare	1 736 809	872	18°	1986	1990	N	NS	70
South and Central America								
Argentina, Bahia Blanca	284 776	2 300	38° - 42' S	1989	1989	M	4	6
Brazil, Brasilia	2 009 106	5 789	15° - 16° S	1997	1996	N	2	30
Brazil, Cuiaba	713 391	4 476	NS	1999	2000	N	NS	NS
Brazil, Goiânia	1 097 218	739	16° S	1986	1988	N	NS	50
Brazil, São Paulo	10 408 477	1 509	23° S	1969	1969	N	NS	30
Chile, Valdivia	362 394	18 472	39° S	1992	1993	M	NS	3.04
Colombia, Cali	1 839 932	121	NS	1962	1962	N	NS	35.1
Costa Rica	3 921 558	51 100	NS	1977	1980	L	NS	6.2
Ecuador, Quito	1 420 578	360	0°	1984	1985	N	1	52
France, Martinique	381 639	1 080	14° N	1983	1981	N	2	2
Peru, Trujillo	592 568	112	8° S	1990	1984	N	12,1	39.1
North America								
Canada	23 363 550	9 970 610	42° - 83° N	1992	1969	L	NS	0
Canada, Alberta	3 009 814	661 848	52° N	1942	1951	L	NS	7
Canada, British Columbia	4 060 110	892 677	50° N	1966	1969	L	1	1
Canada, Manitoba	1 152 523	NS	NS	1937	1956	L	NS	NS
Canada, New Brunswick	753 833	73 437	45° - 48° N	1955	1989	N	NS	NS
Canada, Newfoundland and Labrador	535 263	371 364	NS	1955	1955	A	2	NS
Canada, Northwest Territories	41 123	1 346 106	NS	1986	1950	L	NS	0
Canada, Nova Scotia	938 857	55 491	NS	1964	1964	L	3	5
Canada, Ontario	11 717 355	1 070 000	44° N	1964	1964	N	< 1	~ 2
Canada, Prince Edward Island	137 693	5 660	46° - 48° N	1969	1969	L	NS	NS
Canada, Saskatchewan	1 016 987	651 903	51° N	1932	1944	L	NS	1.7

Table 2.1 Registry background

	Population	Surface area (km²)	Latitude	Year registry started	Year population-based data available	Cancer reportable by: L/A/N/M*	% cases treated outside registration area	% non-residents treated inside registration area
USA, Alabama	4 446 355	133 550	30° - 35° N	1996	1996	L	4,5	5
USA, Alaska	629 290	1 481 350	61° N	1996	1996	L	18,9	12.8
USA, Arizona	5 162 349	295 274	33° N	1980	1995	L	1,6	5
USA, California	34 001 960	404 000	34° N	1988	1988	L	NS	0.03
USA, California, Greater San Francisco Bay Area	4 136 868	6 427	38° - 39° N	1973	1973	L	NS	15.8
USA, California, Los Angeles County	9 543 402	404 000	34° N	1970	1972	L	NS	14.6
USA, Colorado	4 319 872	269 620	40° N	1968	1988	L	NS	NS
USA, Connecticut	3 411 252	12 973	41° - 42° N	1941	1935	L	NS	NS
USA, District of Columbia	569 765	170	39°	1985	1996	L	15	30
USA, Florida	16 068 139	NS	27°	1981	1981	M	5	12
USA, Georgia	8 215 680	150 000	30° - 35° N	1995	1999	L	3-5	2-3
USA, Georgia, Atlanta	2 915 231	4 500	33° N	1975	1975	L	NS	NS
USA, Idaho	1 298 409	NS	44° N	1969	1971	L	5	2
USA, Illinois	12 434 662	146 080	37° - 42° N	1985	1986	L	4	3.7
USA, Indiana	6 083 754	94 330	40° N	1987	1987	L	NS	NS
USA, Iowa	2 923 062	145 800	44° N	1973	1973	A	1	4.8
USA, Kentucky	4 042 038	102 900	38° N	1991	1995	L	3,1	4
USA, Louisiana	4 462 873	134 382	30° N	1974	1988	L	1,9	4.7
USA, Louisiana, New Orleans	971 090	7 217	30° N	1974	1974	L	0,2	7.1
USA, Maine	1 276 563	91 660	44° N	1981	1981	L	NS	3
USA, Massachusetts	6 354 587	27 340	42° N	1980	1982	L	1,42	13.53
USA, Michigan	9 949 858	264 180	41° - 47° N	1981	1985	L	2	3
USA, Michigan, Detroit	4 048 728	5 094	42° - 43° N	1949	1973	L	NS	NS
USA, Missouri	5 599 094	180 550	38°	1972	1985	L	NS	NS
USA, Montana	901 930	381 160	44° - 49° N	1979	1979	L	5	7
USA, New Jersey	8 432 830	20 300	40° N	1979	1979	L	NS	3
USA, New Mexico	1 822 108	314 926	35° N	1967	1969	M	10	< 5
USA, New York State	18 974 870	123 234	43° N	1940	1976	L	1,7	9
USA, NPCR	223 467 872							
USA, Ohio	11 360 971	116 105	38° - 42° N	1992	1996	L	6	5
USA, Oklahoma	3 450 643	177 850	35° N	1995	1997	L	NS	NS

Table 2.1 Registry background

	Population	Surface area (km²)	Latitude	Year registry started	Year population-based data available	Cancer reportable by: L/A/N/M*	% cases treated outside registration area	% non-residents treated inside registration area
USA, Oregon	3 434 016	251 180	45° N	1996	1996	L	3,2	7.9
USA, Pennsylvania	12 284 430	117 330	40° N	1982	1985	L	2	7.7
USA, Rhode Island	1 049 908	3 145	41° - 42° N	1986	1986	L	NS	10
USA, SEER	74 331 088	NS	NS	1973	1973	L	NS	NS
USA, South Carolina	4 016 127	80 650	NS	1993	1996	L	5,7	3.5
USA, Texas	20 948 520	678 055	31° N	1979	1995	L	1,1	NS
USA, Utah	2 242 702	219 888	41° N	1966	1966	M	NS	15
USA, Vermont	608 882	23 960	44° N	1994	1996	L	25	10
USA, Washington	5 916 597	184 675	45° - 49° N	1991	1992	L	NS	~ 5
USA, Washington, Seattle	4 060 760	45830	47° N	1974	1974	L	< 5	10
USA, West Virginia	1 808 253	62 360	39° N	1993	1993	L	12	13.6
USA, Wisconsin	5 369 826	145 440	44° N	1976	1978	M	2	2
Asia								
Bahrain	398 455	118	NS	1994	1998	A	NS	NS
China, Guangzhou	3 608 260	1 335	22° N	1999	1999	A	< 0,5	> 50
China, Hong Kong	6 665 420	1 098	22° N	1963	1965	A	NS	NI
China, Jiashan	381 289	507	30° 50° N	1987	1987	A	45	3
China, Nangang District, Harbin City	843 937	188	44° - 44° N	1997	1980	A	NS	60
China, Shanghai	6 284 314	289	31° N	1963	1963	A	< 0,1	0
China, Zhongshan	1 325 722	1 683	NS	1970	1970	M	30	20
Cyprus	698 320	NS	NS	1998	1998	N	NS	4
India, Chennai (Madras)	4 308 843	170	13° N	1981	1982	N	< 2	40-45
India, Karunagappally	413 094	192	9° N	1990	1990	N	100	0
India, Mumbai (Bombay)	11 815 502	438	18° - 19° N	1963	1964	N	0,5	60
India, Nagpur	2 020 995	438	21° N	1980	1980	N	5	50
India, New Delhi	12 527 357	891	28° N	1986	1986	N	NS	40
India, Poona	3 550 945	344	17° - 19° N	1972	1972	N	5	50
India, Trivandrum	1 157 702	336	8° N	1994	1991	N	3	90
Israel	6 128 406	22 145	NS	1960	1960	L	NS	NI
Japan, Aichi Prefecture	1 060 078	646	35° N	1962	1962	N	NS	NS
Japan, Fukui Prefecture	829 265	4 189	36° N	1984	1984	N	NS	NS

Table 2.1 Registry background

	Population	Surface area (km²)	Latitude	Year registry started	Year population-based data available	Cancer reportable by: L/A/N/M*	% cases treated outside registration area	% non-residents treated inside registration area
Japan, Hiroshima	1 117 564	742	NS	1957	1957	A	NS	NS
Japan, Miyagi Prefecture	2 364 498	7 291	38° N	1951	1959	N	NS	NS
Japan, Nagasaki Prefecture	1 517 713	4 092	33° N	1958	1958	N	1,6	NS
Japan, Osaka Prefecture	8 789 355	1 893	34° N	1962	1963	N	NS	NS
Japan, Yamagata Prefecture	1 244 260	9 323	39° N	1974	1974	N	NS	NS
Korea	47 675 096	99 500	36° - 37° N	1980	1999	M	NS	NS
Korea, Busan	3 800 836	764	35° N	1995	1996	M	10,6	36
Korea, Daegu	2 524 362	886	35° N	1997	1997	N	8,7	NS
Korea, Daejeon	1 372 533	540	NS	1998	1998	N	< 30	< 40
Korea, Gwangju	1 369 836	501	36° N	1997	1996	A	30	50
Korea, Incheon	2 536 528	986	37° N	1996	1997	L	30	NS
Korea, Jejudo	546 696	1 848	33° - 34° N	2000	2000	M	29,3	< 1
Korea, Seoul	9 853 972	605	37° N	1991	1991	N	< 0,1	76
Korea, Ulsan	1 040 089	1 057	35° N	2001	2001	N	55	20.7
Kuwait	2 172 958	17 818	NS	1974	1974	L	0,05	0
Malaysia, Penang	1 007 173	1 031	5° N	1994	1994	M	1	20-30
Malaysia, Sarawak	2 071 506	124 450	3° N	1996	1996	N	NS	1
Oman	1 777 685	309 500	23° N	1985	1996	A	25	0
Pakistan, South Karachi	1 723 615	100	24° N	1995	1995	N	~ 85	~ 85
Philippines, Manila	5 287 426	274	14° N	1959	1980	L ; M	14,78	80.6
Singapore	3 263 209	683	1° N	1950	1968	N	NS	NI
Thailand, Chiang Mai	1 500 127	20 107	18° N	1978	1983	N	NS	40
Thailand, Lampang	782 152	12 543	17° - 18° N	1993	1995	A	15	20
Thailand, Songkhla	1 255 662	7 394	7° N	1988	1989	N	10	NS
Turkey, Antalya	1 392 172	20 723	36° N	1995	1995	L	< 10	15
Turkey, Izmir	3 353 446	11 973	38° N	1992	1993	L	< 1	55
Europe								
Austria	8 021 504	83 871	NS	1958	1970	L	NS	1
Austria, Tyrol	670 595	12 648	46° N	1987	1988	L	5	7
Austria, Vorarlberg	349 737	2 601	47° N	1978	1981	L	< 1	NI
Belarus	10 038 230	207 600	54° N	1972	1972	A	NS	NS

Table 2.1 Registry background

	Population	Surface area (km²)	Latitude	Year registry started	Year population-based data available	Cancer reportable by: L/A/N/M*	% cases treated outside registration area	% non-residents treated inside registration area
Belgium, Antwerp	1 644 169	2 867	51° N	1990	1990	N	NS	NI
Belgium, Flanders	5 940 556	13 522	51° N	1983	1996	N	NS	NS
Bulgaria	8 080 354	110 912	41° - 44° N	1952	1952	A	NS	NS
Croatia	4 418 155	56 542	45°	1959	1962	L	NS	1
Czech Republic	10 255 038	78 866	50° N	1976	1976	L	0	0
Denmark	5 337 420	43 080	55° N	1942	1943	A	0	< 1
Estonia	1 370 505	45 227	58° N	1978	1968	A	NS	NS
Finland	5 182 506	304 112	62° N	1952	1953	L	0,1	NI
France, Bas-Rhin	1 036 738	NS	48° N	1974	1975	N	NS	15
France, Calvados	652 274	5 548	49° N	1978	1978	N	2,4	NS
France, Doubs	502 897	5 234	47° N	1976	1977	N	< 5	NS
France, Haut-Rhin	714 738	3 522	48° N	1989	1988	N	NS	NS
France, Hérault	915 645	6 101	43° N	1983	1986	N	2	30
France, Isère	1 109 587	7 431	45° N	1978	1979	N	20	10
France, Loire-Atlantique	1 151 896	6 815	47° N	1997	1998	N	NS	NS
France, Manche	483 644	5 938	49° N	1994	1994	N	<5	NS
France, Somme	556 929	6 170	49° N	1982	1982	N	10	NS
France, Tarn	348 036	5 758	44° N	1981	1982	N	35	5
France, Vendée	550 743	6 720	47° N	1997	1998	N	NS	NS
Germany, Brandenburg	2 591 809	29 479	52° N	1953	1953	L	NS	0
Germany, Free State of Saxony	4 439 006	18 416	51° N	1953	1953	L	NS	0
Germany, Hamburg	1 703 189	755	53° N	1926	1900	L	< 5	15-25
Germany, Mecklenburg-Western Pomerania	1 780 055	23 180	54° N	1953	1953	L	NS	0
Germany, Munich	2 340 075	310	49° N	1978	1998	L	< 2	> 40
Germany, North Rhine-Westphalia: Münster	2 613 486	6 906	51° N	1986	1986	N	NS	NS
Germany, Saarland	1 070 388	2 567	49° N	1967	1967	L	~ 10	10-15
Iceland	280 949	103 000	64° N	1954	1955	N	0-1	0
Ireland	3 799 840	70 280	53° N	1994	1994	N	NS	NS
Italy, Biella Province	188 791	914	45° N	1997	1995	NS	40,4	5
Italy, Brescia Province	1 001 930	3 460	45° N	1994	1993	A	9,8	NS

Table 2.1 Registry background

	Population	Surface area (km²)	Latitude	Year registry started	Year population-based data available	Cancer reportable by: L/A/N/M*	% cases treated outside registration area	% non-residents treated inside registration area
Italy, Ferrara Province	348 068	2 632	45° N	1987	1991	M	14,6	NS
Italy, Florence and Prato	1 162 009	3 879	44° N	1984	1985	A	~ 2	~ 19
Italy, Genoa Province	905 261	1 834	44° N	1984	1986	N	5	20
Italy, Macerata Province	300 362	2 774	43° N	1989	1991	A	65	5
Italy, Milan	1 302 388	182	45° N	2002	1999	N	2,57	50
Italy, Modena Province	632 493	2 690	44° N	1988	1988	M	4	5-10
Italy, Naples	536 106	499	40° N	1996	1997	A	80	10
Italy, North East	2 108 544	21 451	46° N	1998	1995	A	7	4
Italy, Parma Province	400 056	3 449	45° N	1976	1978	A	6	5-10
Italy, Ragusa Province	295 754	1 614	37° N	1979	1981	N	20	10
Italy, Reggio Emilia Province	456 026	2 293	44° N	2001	1996	M	5	NS
Italy, Romagna Region	984 424	5 303	44° N	1985	1986	M	3-5	10-15
Italy, Salerno Province	1 087 279	4 922	40° N	1997	1996	M	25	NS
Italy, Sassari Province	470 153	7 520	41° N	1991	1992	N	NS	NS
Italy, Sondrio	176 878	3 212	46° N	2001	1998	N	15	10
Italy, Syracuse Province	396 175	2 109	37° N	1997	1999	A	47	5
Italy, Torino	903 568	130	45° N	1985	1985	N	12	46
Italy, Umbria Region	824 525	8 456	43° N	1991	1994	A	10	20
Italy, Varese Province	806 107	1 199	45° N	1974	1976	A	13	16
Italy, Veneto Region	2 003 027	9 081	45° N	1990	1987	A	NS	NS
Latvia	2 381 395	64 589	55° - 58° N	1993	1965	L	~ 0,1	~ 0.05
Lithuania	3 514 664	64 000	NS	1975	1978	A	NS	NS
Malta	388 414	316	36° N	1985	1991	L	NS	NS
The Netherlands	15 927 902	NS	53° N	1955	1989	N	< 1	NI
The Netherlands, Eindhoven	987 198	2 500	52° N	1955	1958	N	2	1
The Netherlands, Maastricht	867 248	1 355	51° N	1984	1986	N	0,9	3.5
Norway	4 500 716	324 000	57° - 71° N	1952	1952	L	0	0
Poland, Cracow	743 722	327	51° N	1965	1978	L	3	5
Poland, Kielce	1 290 791	11 691	51° N	1962	1988	L	NS	NS
Poland, Warsaw City	1 648 296	495	NS	1963	1963	L	NS	1
Portugal, Porto	3 165 766	21 278	41,5° N	1988	1988	L	1	7
Portugal, South Regional	4 450 012	39 700	38° N	1989	1994	L	5	10

Table 2.1 Registry background

	Population	Surface area (km²)	Latitude	Year registry started	Year population-based data available	Cancer reportable by: L/A/N/M*	% cases treated outside registration area	% non-residents treated inside registration area
Russia, St Petersburg	4 669 043	570	60° N	1953	1980	L	0,5	5
Serbia	5 482 807	55 968	NS	1996	1999	L	~ 5	~ 30
Slovak Republic	5 400 679	49 035	47° - 49° N	1976	1968	M	NS	< 0.5
Slovenia	1 987 309	20 273	46° N	1950	1950	L	NS	1
Spain, Albacete	362 543	14 862	39° N	1990	1991	L	8	7
Spain, Asturias	1 081 836	10 565	43° N	1978	1982	N	NS	NS
Spain, Basque Country	2 087 227	7 261	43° N	1986	1986	M	1,7	3.5
Spain, Canary Islands	1 447 771	7 500	28° N	1992	1993	N	NS	10
Spain, Cuenca	201 008	17 061	40° N	1993	1993	A	10	1
Spain, Girona	547 305	5 569	41° - 42° N	1995	1994	A	4,2	1
Spain, Granada	810 967	12 531	37° N	1985	1985	N	5	20
Spain, Murcia	1 149 595	11 317	37° N	1981	1982	M	< 5	NS
Spain, Navarra	555 735	10 491	42° - 43° N	1970	1973	N	1	NS
Spain, Tarragona	593 176	6 283	41° N	1979	1980	N	9,6	1
Spain, Zaragoza	844 261	17 252	41° N	1960	1960	L	2	NI
Sweden	8 880 323	449 964	58° N	1958	1958	L	0	0
Switzerland, Geneva	411 794	282	46° N	1970	1970	N	NS	17
Switzerland, Graubünden and Glarus	224 541	7 790	46° N	1989	1989	N	< 5	5
Switzerland, Neuchâtel	166 459	796	47° N	1972	1974	N	NS	NS
Switzerland, St Gall-Appenzell	517 318	2 430	47° N	1960	1980	N	< 10	20
Switzerland, Ticino	309 578	2 812	NS	1995	1996	L	1	10
Switzerland, Valais	275 600	5 225	NS	1988	1989	N	NS	NS
Switzerland, Vaud	614 829	3 211	47° N	1972	1974	N	NS	NS
UK, England, East of England Region	2 732 948	13 800	52° N	1960	1960	N	NS	40
UK, England, Merseyside and Cheshire	2 357 153	NS	NS	1944	1944	N	4	2
UK, England, North Western	4 130 253	NS	NS	1962	1962	N	< 1	9.1
UK, England, Northern and Yorkshire	6 560 118	30 000	54° N	1965	1976	A	2,4	1.2
UK, England, Oxford Region	2 716 680	8 200	52° N	1952	NS	A	7	8
UK, England, South and Western Regions	6 684 815	28 500	50° N	1945	1971	N	1,6	0.2
UK, England, Thames	13 883 842	16 000	51° - 52° N	1958	1960	N	5	7
UK, England, Trent	4 785 950	14 763	53° N	1955	1971	N	10-15	10-15

Table 2.1 Registry background

	Population	Surface area (km^2)	Latitude	Year registry started	Year population-based data available	Cancer reportable by: L/A/N/M*	% cases treated outside registration area	% non-residents treated inside registration area
UK, England, West Midlands	5 279 560	13 014	52° N	1936	1957	N	3	4.9
UK, Northern Ireland	1 685 136	14 139	54° N	1994	1993	N	< 5	< 5
UK, Scotland	5 066 191	77 925	56° N	1936	1958	N	< 0,5	1-4
Oceania								
Australian Capital Territory	315 652	2 400	35° S	1971	1972	L	NS	NS
Australia, New South Wales	6 489 196	801 400	28° - 38° S	1971	1972	L	NS	NS
Australia, Northern Territory	194 922	1 346 200	13° S	1981	1991	L	0	5
Australia, Queensland	3 575 470	1 600 000	26° S	1982	1982	L	NS	5
South Australia	1 504 567	984 375	26° - 38° S	1977	1977	L	NS	6
Australia, Tasmania	472 195	68 114	42° S	1978	1978	L	0,8	0.4
Australia, Victoria	4 763 103	227 420	37° S	1940	1982	L	< 1	NI
Western Australia	1 877 923	NS	NS	1981	1982	L	NS	NS
French Polynesia	232 782	4 000	7° - 29° S	1981	1985	L	NS	0
New Zealand	3 853 350	270 534	39° S	1948	1972	L	0	< 1
USA, Hawaii	1 218 833	16 635	21° N	1960	1960	L	NS	8-12

*
L = legislation (a law exists)
A = administrative order (without a specific law)
N = not reportable
M = mixed (a combination of above)
NS, not stated
NI, not included

Table 2.2 Case finding, abstracting and coding

	Hospital in-patient records	Radio-therapy depts.	Public hospital in-patient facilities	Private hospital/ clinic in-patient facilities	Public hospital out-patient facilities	Private hospital/ clinic out-patient facilities	Pathology labs	Autopsy	Haema-tology labs	Death certifi-cates	Screening prog-rammes	% cases abstracted by registry personnel	% cases coded by registry personnel
Africa													
Algeria, Setif	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	100
Egypt, Gharbiah	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	100	100
Tunisia, Central Region	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	NS	100
Uganda, Kyadondo County	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	100	100
Zimbabwe, Harare	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	99	100
South and Central America													
Argentina, Bahia Blanca	Y	Y	Y	Y	N	N	Y	N	Y	Y	Y	0	100
Brazil, Brasilia	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	10	90
Brazil, Cuiaba	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	100
Brazil, Goiânia	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	NS	100
Brazil, São Paulo	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	100
Chile, Valdivia	Y	Y	N	N	Y	Y	Y	Y	Y	Y	Y	75	25
Colombia, Cali	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90	100
Costa Rica	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	0	0
Ecuador, Quito	Y	N	Y	Y	N	N	Y	N	Y	Y	N	100	100
France, Martinique	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	100	100
Peru, Trujillo	Y	Y	N	Y	N	N	Y	N	Y	Y	Y	95	100
North America													
Canada	N	N	N	N	N	N	N	N	N	N	N	0	0
Canada, Alberta	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	100	100
Canada, British Columbia	N	Y	N	N	N	N	Y	N	Y	Y	Y	50	100
Canada, Manitoba	Y	Y	N	N	N	N	Y	Y	Y	Y	Y	100	100
Canada, New Brunswick	N	Y	N	N	N	N	Y	Y	Y	Y	Y	NS	NS
Canada, Newfoundland and Labrador	Y	Y	Y	N	Y	N	Y	N	Y	N	Y	100	100
Canada, Northwest Territories	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	100	100
Canada, Nova Scotia	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	50	50
Canada, Ontario	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	0	0
Canada, Prince Edward Island	Y	Y	Y	N	Y	N	Y	Y	Y	Y	N	100	100

Table 2.2 Case finding, abstracting and coding

	Hospital in-patient records	Radio-therapy depts.	Public hospital in-patient facilities	Private hospital/ clinic in-patient facilities	Public hospital out-patient facilities	Private hospital/ clinic out-patient facilities	Pathology labs	Autopsy	Haema-tology labs	Death certifi-cates	Screening prog-rammes	% cases abstracted by registry personnel	% cases coded by registry personnel
Canada, Saskatchewan	Y	Y	Y	N	N	N	Y	Y	Y	Y	Y	97	100
USA, Alabama	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	6	6
USA, Alaska	Y	Y	N	Y	N	Y	Y	N	N	Y	Y	50	50
USA, Arizona	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	2	7
USA, California	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	100	100
USA, California, Greater San Francisco Bay Area	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
USA, California, Los Angeles County	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	100	100
USA, Colorado	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NS	NS
USA, Connecticut	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	15	100
USA, District of Columbia	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	0	10
USA, Florida	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	99	1
USA, Georgia	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	95	5
USA, Georgia, Atlanta	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	100
USA, Idaho	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	80	100
USA, Illinois	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	1-2	1-2
USA, Indiana	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NS	NS
USA, Iowa	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	100	100
USA, Kentucky	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	85	15
USA, Louisiana	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	100	100
USA, Louisiana, New Orleans	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	100	100
USA, Maine	Y	Y	Y	Y	Y	NS	Y	NS	NS	Y	N	95-98	95-98
USA, Massachusetts	NS	NS	Y	Y	Y	Y	Y	Y	Y	Y	Y	1	1
USA, Michigan	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	2	15
USA, Michigan, Detroit	Y	Y	Y	Y	Y	Y	Y	NS	Y	Y	N	65	100
USA, Missouri	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	6.3	0.5
USA, Montana	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	0	15
USA, New Jersey	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	100
USA, New Mexico	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	90	100
USA, New York State	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	<3	<3
USA, NPCR													

Table 2.2 Case finding, abstracting and coding

	Hospital in-patient records	Radio-therapy depts.	Public hospital in-patient facilities	Private hospital/ clinic in-patient facilities	Public hospital out-patient facilities	Private hospital/ clinic out-patient facilities	Pathology labs	Autopsy	Haema-tology labs	Death certifi-cates	Screening prog-rammes	% cases abstracted by registry personnel	% cases coded by registry personnel
USA, Ohio	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	8	5
USA, Oklahoma	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	4	4
USA, Oregon	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	6	4
USA, Pennsylvania	Y	Y	NS	NS	NS	NS	Y	Y	Y	Y	Y	0	20
USA, Rhode Island	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	~100	~100
USA, SEER	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NS	NS
USA, South Carolina	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	85	15
USA, Texas	Y	Y	Y	Y	Y	Y	Y	N	N	Y	N	100	100
USA, Utah	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	23.4	100
USA, Vermont	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	90	10
USA, Washington	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NS	NS
USA, Washington, Seattle	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	95	100
USA, West Virginia	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	20	20
USA, Wisconsin	Y	Y	Y	Y	Y	Y	N	N	N	Y	N	0	10
Asia													
Bahrain	Y	N	Y	Y	N	N	Y	N	Y	Y	Y	100	100
China, Guangzhou	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	2	100
China, Hong Kong	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	N	15	85
China, Jiashan	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	0	NS
China, Nangang District, Harbin City	Y	Y	Y	N	Y	N	Y	Y	Y	Y	N	0	100
China, Shanghai	Y	N	Y	N	Y	N	Y	Y	Y	Y	N	1	100
China, Zhongshan	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	90	100
Cyprus	Y	N	Y	Y	Y	Y	Y	N	Y	N	Y	100	100
India, Chennai (Madras)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	90-92	100
India, Karunagappally	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	100	100
India, Mumbai (Bombay)	Y	Y	Y	Y	N	N	Y	Y	Y	Y	N	100	100
India, Nagpur	Y	Y	Y	Y	N	N	Y	Y	Y	Y	N	100	100
India, New Delhi	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	100	100
India, Poona	Y	Y	Y	Y	N	N	Y	Y	Y	Y	N	100	100
India, Trivandrum	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	100	100

Table 2.2 Case finding, abstracting and coding

	Hospital in-patient records	Radio-therapy depts.	Public hospital in-patient facilities	Private hospital/ clinic in-patient facilities	Public hospital out-patient facilities	Private hospital/ clinic out-patient facilities	Pathology labs	Autopsy	Haema-tology labs	Death certifi-cates	Screening prog-rammes	% cases abstracted by registry personnel	% cases coded by registry personnel
Israel	Y	N	N	Y	N	N	Y	Y	Y	Y	NS	100	100
Japan, Aichi Prefecture	N	N	Y	Y	Y	Y	N	N	N	Y	N	0	18
Japan, Fukui Prefecture	Y	N	Y	Y	Y	Y	N	N	N	Y	Y	0	100
Japan, Hiroshima	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	75.7	100
Japan, Miyagi Prefecture	Y	Y	Y	Y	Y	Y	N	N	N	Y	Y	70	100
Japan, Nagasaki Prefecture	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	50	100
Japan, Osaka Prefecture	N	N	N	N	N	N	Y	Y	N	Y	N	NS	NS
Japan, Yamagata Prefecture	Y	N	Y	Y	Y	Y	N	N	N	Y	Y	25	100
Korea	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	100
Korea, Busan	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	100
Korea, Daegu	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	6.2	8.3
Korea, Daejeon	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	100
Korea, Gwangju	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	35	35
Korea, Incheon	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	56.1	43.9
Korea, Jejudo	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	100	100
Korea, Seoul	Y	Y	Y	Y	N	N	N	N	N	Y	Y	7	7
Korea, Ulsan	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	100	100
Kuwait	Y	Y	Y	Y	Y	NS	Y	Y	Y	Y	NS	100	100
Malaysia, Penang	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	100
Malaysia, Sarawak	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	50	100
Oman	Y	Y	Y	N	Y	N	Y	N	Y	N	N	80	100
Pakistan, South Karachi	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	~30	100
Philippines, Manila	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	100	100
Singapore	Y	Y	Y	Y	N	N	Y	Y	Y	Y	N	100	100
Thailand, Chiang Mai	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	5	95
Thailand, Lampang	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	60	100
Thailand, Songkhla	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	100
Turkey, Antalya	Y	Y	Y	Y	Y	N	Y	N	N	Y	N	95	80
Turkey, Izmir	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	100	100

Table 2.2 Case finding, abstracting and coding

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Europe													
Austria	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	5	92
Austria, Tyrol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	40	100
Austria, Vorarlberg	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	100	100
Belarus	Y	N	N	N	Y	N	Y	Y	NS	Y	NS	0	0
Belgium, Antwerp	Y	Y	Y	N	N	N	Y	N	N	N	N	100	100
Belgium, Flanders	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	36	64
Bulgaria	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	NS	100
Croatia	Y	N	N	N	N	N	Y	N	N	Y	N	0	80
Czech Republic	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	90
Denmark	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	0	100
Estonia	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	1	100
Finland	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	0	100
France, Bas-Rhin	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NS	100
France, Calvados	Y	Y	Y	Y	N	N	Y	Y	Y	Y	N	100	100
France, Doubs	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	80	100
France, Haut-Rhin	N	Y	N	N	Y	Y	Y	Y	Y	N	N	100	100
France, Hérault	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	NS	NS
France, Isère	Y	Y	Y	Y	Y	Y	Y	N	Y	N	Y	100	100
France, Loire-Atlantique	Y	Y	Y	Y	N	N	Y	N	Y	N	Y	NS	100
France, Manche	Y	Y	Y	Y	N	N	Y	Y	Y	Y	N	100	100
France, Somme	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	32	100
France, Tarn	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	100	100
France, Vendée	Y	Y	Y	Y	N	N	Y	N	Y	N	Y	NS	100
Germany, Brandenburg	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	0	100
Germany, Free State of Saxony	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	0	100
Germany, Hamburg	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	N	NS	NS
Germany, Mecklenburg-Western Pomerania	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	0	100
Germany, Munich	Y	Y	N	N	N	N	Y	N	Y	Y	Y	<5	100

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Germany, North Rhine-Westphalia: Münster	Y	Y	Y	Y	Y	Y	Y	N	N	Y	N	75	100
Germany, Saarland	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	0	100
Iceland	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	100	100
Ireland	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NS	100	100
Italy, Biella Province	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	100
Italy, Brescia Province	Y	Y	N	N	Y	Y	Y	N	Y	Y	Y	0	79.7
Italy, Ferrara Province	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	100
Italy, Florence and Prato	NS	NS	NS	NS	NS	NS	Y	Y	Y	Y	Y	10	100
Italy, Genoa Province	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	85	100
Italy, Macerata Province	Y	Y	Y	Y	Y	Y	Y	NS	Y	Y	N	100	100
Italy, Milan	Y	N	N	N	N	N	Y	Y	Y	Y	Y	51	51
Italy, Modena Province	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	NS	NS
Italy, Naples	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	NS	100
Italy, North East	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	0	30
Italy, Parma Province	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	100
Italy, Ragusa Province	Y	Y	Y	Y	Y	N	Y	N	Y	Y	Y	100	100
Italy, Reggio Emilia Province	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	NS	NS
Italy, Romagna Region	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	10-30	100
Italy, Salerno Province	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	100
Italy, Sassari Province	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	90	0
Italy, Sondrio	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	63	37
Italy, Syracuse Province	Y	N	Y	Y	N	N	Y	N	Y	Y	Y	0	100
Italy, Torino	Y	Y	N	N	N	N	Y	Y	Y	Y	Y	100	100
Italy, Umbria Region	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	98.8	98.8
Italy, Varese Province	Y	N	Y	Y	Y	Y	Y	N	N	Y	N	0	30
Italy, Veneto Region	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	0	30
Latvia	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	NS	100
Lithuania	Y	N	Y	N	Y	N	Y	Y	Y	Y	Y	80	95
Malta	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	NS	NS
The Netherlands	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	100	100

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The Netherlands, Eindhoven	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	0	NS
The Netherlands, Maastricht	Y	Y	Y	N	Y	N	Y	Y	Y	N	Y	100	100
Norway	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	NS	100
Poland, Cracow	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	10	100
Poland, Kielce	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	30	70
Poland, Warsaw City	Y	N	Y	Y	Y	Y	N	N	N	N	N	NS	100
Portugal, Porto	Y	Y	Y	Y	N	N	Y	N	N	N	Y	44	61
Portugal, South Regional	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	40	100
Russia, St Petersburg	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	1	100
Serbia	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	~ 75	~ 25
Slovak Republic	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	NA	100
Slovenia	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	0	100
Spain, Albacete	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	100
Spain, Asturias	Y	N	Y	Y	N	N	Y	Y	Y	Y	N	40	100
Spain, Basque Country	Y	Y	N	Y	N	N	Y	Y	Y	Y	Y	100	100
Spain, Canary Islands	Y	Y	Y	N	N	N	Y	Y	Y	Y	N	78	100
Spain, Cuenca	Y	N	Y	N	Y	N	Y	Y	Y	Y	Y	100	100
Spain, Girona	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	5-10	100
Spain, Granada	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	35	65
Spain, Murcia	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	20	80
Spain, Navarra	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	99	100
Spain, Tarragona	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	85	100
Spain, Zaragoza	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	50	50
Sweden	Y	N	Y	Y	Y	Y	Y	Y	Y	N	N	50	100
Switzerland, Geneva	Y	Y	Y	N	Y	N	Y	Y	Y	Y	N	100	100
Switzerland, Graubünden and Glarus	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	100	100
Switzerland, Neuchâtel	Y	Y	Y	N	N	N	Y	Y	Y	Y	N	100	100
Switzerland, St Gall-Appenzell	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	N	100	100
Switzerland, Ticino	Y	Y	Y	NS	Y	Y	Y	Y	Y	Y	N	100	100
Switzerland, Valais	Y	Y	Y	N	N	N	Y	Y	Y	Y	Y	100	100
Switzerland, Vaud	Y	Y	Y	N	N	N	Y	Y	Y	Y	Y	100	100

Table 2.2 Case finding, abstracting and coding

	Hospital in-patient records	Radio-therapy depts.	Public hospital in-patient facilities	Private hospital/ clinic in-patient facilities	Public hospital out-patient facilities	Private hospital/ clinic out-patient facilities	Pathology labs	Autopsy	Haema-tology labs	Death certifi-cates	Screening prog-rammes	% cases abstracted by registry personnel	% cases coded by registry personnel
UK, England, East of England Region	Y	Y	Y	N	Y	N	Y	Y	Y	Y	Y	100	100
UK, England, Merseyside and Cheshire	Y	Y	Y	N	Y	N	Y	N	Y	Y	Y	95	100
UK, England, North Western	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	0	100
UK, England, Northern and Yorkshire	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	100	100
UK, England, Oxford Region	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	1-2	100
UK, England, South and Western Regions	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	50	50
UK, England, Thames	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	91	91
UK, England, Trent	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	> 1	90
UK, England, West Midlands	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	~ 90	~ 90
UK, Northern Ireland	Y	Y	Y	N	Y	N	Y	Y	N	Y	Y	20	0
UK, Scotland	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	100
Oceania													
Australia, New South Wales	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	0	75
Australia, Northern Territory	Y	N	N	N	N	N	Y	N	Y	Y	N	20	100
Australia, Queensland	Y	N	Y	Y	Y	Y	Y	N	Y	Y	N	35	65
Australia, Tasmania	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	20	100
Australia, Victoria	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	0	80
Australian Capital Territory	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	0	75
South Australia	Y	Y	Y	Y	N	N	Y	Y	Y	Y	Y	100	100
Western Australia	Y	Y	N	N	N	N	Y	Y	Y	Y	Y	5	99.5
French Polynesia	Y	N	Y	Y	Y	Y	Y	N	Y	Y	Y	60	100
New Zealand	Y	N	Y	Y	N	N	Y	Y	Y	Y	Y	100	100
USA, Hawaii	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	100

NS, not stated

Table 2.3 Information recorded

	Basic information	Date of birth	ID number	Ethnic group/ race/ colour	Incidence date	Stage of the disease	Nature of 1st treatment	Brain and nervous system	Follow-up for vital status: all/ selected/ none	Death certificates used to update vital status	Active follow-up of alive cases
Africa											
Algeria, Setif	Y	Y	Y	N	Y	N	N	N	Sel	Y	Y
Egypt, Gharbiah	Y	Y	Y	N	Y	Y	N	N	Sel	Y	Y
Tunisia, Central Region	Y	Y	N	N	Y	Y	Y	Y	Sel	N	N
Uganda, Kyadondo County	Y	N	N	Y	Y	N	N	N	Sel	N	Y
Zimbabwe, Harare	Y	Y	Y	Y	Y	Y	Y	N	Sel	Y	N
South America											
Argentina, Bahia Blanca	Y	Y	Y	N	Y	N	N	Y	All	Y	N
Brazil, Brasilia	Y	Y	N	Y	Y	N	N	Y	None	Y	N
Brazil, Cuiaba	Y	Y	Y	Y	Y	N	N	Y	None	Y	N
Brazil, Goiânia	Y	Y	Y	N	Y	Y	N	Y	Sel	Y	Y
Brazil, São Paulo	Y	Y	N	Y	Y	N	N	Y	None	Y	N
Chile, Valdivia	Y	Y	Y	N	Y	N	N	Y	All	Y	Y
Colombia, Cali	Y	Y	Y	N	Y	N	N	Y	None	Y	N
Costa Rica	Y	Y	Y	N	Y	N	N	N	All	Y	N
Ecuador, Quito	Y	Y	Y	N	Y	Y	N	Y	All	Y	N
France, Martinique	Y	Y	Y	N	Y	Y	N	Y	All	Y	Y
Peru, Trujillo	Y	Y	N	N	Y	N	N	N	Sel	Y	N
North America											
Canada	Y	Y	Y	N	Y	N	N	Y	All	Y	N
Canada, Alberta	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
Canada, British Columbia	Y	Y	Y	N	Y	N	Y	Y	All	Y	N
Canada, Manitoba	Y	Y	Y	N	Y	Y	Y	Y	All	Y	N
Canada, New Brunswick	Y	Y	Y	N	Y	Y	N	Y	All	Y	N
Canada, Newfoundland and Labrador	Y	Y	Y	N	Y	Y	Y	Y	None	N	N
Canada, Northwest Territories	Y	Y	Y	Y	Y	N	N	Y	All	Y	N
Canada, Nova Scotia	Y	Y	Y	N	Y	N	Y	Y	All	Y	Y
Canada, Ontario	Y	Y	Y	N	Y	N	Y	N	All	Y	N
Canada, Prince Edward Island	Y	Y	Y	N	Y	N	N	Y	All	Y	Y

Table 2.3 Information recorded

	Basic information	Date of birth	ID number	Ethnic group/ race/ colour	Incidence date	Stage of the disease	Nature of 1st treatment	Brain and nervous system	Follow-up for vital status: all/ selected/ none	Death certificates used to update vital status	Active follow-up of alive cases
Canada, Saskatchewan	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
USA, Alabama	Y	Y	Y	Y	Y	Y	Y	Y	Sel	Y	N
USA, Alaska	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
USA, Arizona	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
USA, California	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
USA, California, Greater San Francisco Bay Area	Y	NS	Y	NS	NS	NS	NS	NS	NS	NS	NS
USA, California, Los Angeles County	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
USA, Colorado	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
USA, Connecticut	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
USA, District of Columbia	Y	Y	Y	Y	Y	Y	Y	N	All	Y	N
USA, Florida	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
USA, Georgia	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
USA, Georgia, Atlanta	Y	Y	Y	Y	Y	Y	Y	N	All	Y	Y
USA, Idaho	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
USA, Illinois	Y	Y	Y	Y	Y	Y	Y	Y	None	Y	N
USA, Indiana	Y	Y	Y	Y	Y	Y	Y	N	All	Y	N
USA, Iowa	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
USA, Kentucky	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
USA, Louisiana	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
USA, Louisiana, New Orleans	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
USA, Maine	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
USA, Massachusetts	Y	Y	Y	Y	Y	Y	Y	Y	Sel	Y	N
USA, Michigan	Y	Y	Y	Y	Y	Y	Y	Y	Sel	Y	N
USA, Michigan, Detroit	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
USA, Missouri	Y	Y	Y	Y	Y	Y	Y	Y	Sel	Y	Y
USA, Montana	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
USA, New Jersey	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
USA, New Mexico	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
USA, New York State	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
USA, NPCR											

Table 2.3 Information recorded

	Basic information	Date of birth	ID number	Ethnic group/ race/ colour	Incidence date	Stage of the disease	Nature of 1st treatment	Brain and nervous system	Follow-up for vital status: all/ selected/ none	Death certificates used to update vital status	Active follow-up of alive cases
USA, Ohio	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
USA, Oklahoma	Y	Y	Y	Y	Y	Y	Y	N	None	Y	N
USA, Oregon	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
USA, Pennsylvania	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
USA, Rhode Island	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
USA, SEER	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
USA, South Carolina	Y	Y	Y	Y	Y	Y	Y	N	All	Y	Y
USA, Texas	Y	Y	Y	Y	Y	Y	Y	Y	Sel	Y	N
USA, Utah	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
USA, Vermont	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
USA, Washington	Y	Y	Y	Y	Y	Y	Y	Y	Sel	Y	Y
USA, Washington, Seattle	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
USA, West Virginia	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
USA, Wisconsin	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
Asia											
Bahrain	Y	Y	Y	N	Y	Y	Y	Y	Sel	Y	N
China, Guangzhou	Y	Y	Y	N	Y	N	N	Y	Sel	Y	N
China, Hong Kong	Y	Y	Y	N	Y	Y	N	Y	All	Y	Y
China, Jiashan	Y	Y	Y	N	Y	N	N	Y	All	Y	Y
China, Nangang District, Harbin City	Y	Y	N	Y	Y	N	N	Y	All	Y	N
China, Shanghai	Y	Y	N	Y	Y	Y	N	Y	All	Y	Y
China, Zhongshan	Y	Y	Y	Y	Y	N	N	Y	All	Y	Y
Cyprus	Y	Y	Y	Y	Y	Y	N	Y	None	N	N
India, Chennai (Madras)	Y	N	N	Y	Y	Y	Y	N	Sel	Y	Y
India, Karunagappally	Y	N	Y	Y	Y	Y	Y	Y	All	Y	Y
India, Mumbai (Bombay)	Y	N	Y	Y	Y	N	Y	N	Sel	Y	Y
India, Nagpur	Y	N	Y	Y	Y	N	Y	N	None	Y	NS
India, New Delhi	Y	N	N	N	Y	Y	Y	N	All	Y	N
India, Poona	Y	N	Y	Y	Y	N	Y	N	None	Y	N
India, Trivandrum	Y	N	N	N	Y	Y	Y	N	Sel	Y	Y

Table 2.3 Information recorded

	Basic information	Date of birth	ID number	Ethnic group/ race/ colour	Incidence date	Stage of the disease	Nature of 1st treatment	Brain and nervous system	Follow-up for vital status: all/ selected/ none	Death certificates used to update vital status	Active follow-up of alive cases
Israel	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
Japan, Aichi Prefecture	Y	Y	N	N	Y	Y	Y	N	None	Y	N
Japan, Fukui Prefecture	Y	Y	N	N	Y	Y	Y	N	All	Y	Y
Japan, Hiroshima	Y	Y	N	N	Y	Y	Y	Y	None	N	N
Japan, Miyagi Prefecture	Y	Y	N	N	Y	Y	Y	Y	All	Y	N
Japan, Nagasaki Prefecture	Y	Y	N	N	Y	Y	Y	Y	All	Y	N
Japan, Osaka Prefecture	Y	Y	N	Y	Y	Y	Y	Y	All	Y	Y
Japan, Yamagata Prefecture	Y	Y	N	N	Y	Y	Y	N	All	Y	Y
Korea	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
Korea, Busan	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
Korea, Daegu	Y	Y	Y	N	Y	N	N	Y	All	Y	N
Korea, Daejeon	Y	Y	Y	Y	Y	N	Y	Y	All	Y	N
Korea, Gwangju	Y	Y	Y	Y	Y	N	Y	N	All	Y	N
Korea, Incheon	Y	Y	Y	N	Y	Y	Y	Y	All	Y	N
Korea, Jejudo	Y	Y	Y	N	Y	Y	Y	Y	All	Y	N
Korea, Seoul	Y	Y	Y	Y	Y	N	Y	Y	All	Y	N
Korea, Ulsan	Y	Y	Y	N	Y	N	Y	N	All	Y	N
Kuwait	Y	Y	Y	N	Y	Y	Y	N	All	Y	Y
Malaysia, Penang	Y	Y	Y	Y	Y	Y	Y	Y	Sel	Y	N
Malaysia, Sarawak	Y	Y	Y	Y	Y	Y	Y	N	Sel	Y	Y
Oman	Y	Y	N	N	Y	Y	Y	Y	None	N	N
Pakistan, South Karachi	Y	Y	Y	Y	Y	Y	Y	Y	Sel	Y	Y
Philippines, Manila	Y	Y	N	Y	Y	Y	Y	Y	Sel	Y	Y
Singapore	Y	Y	Y	Y	Y	Y	N	Y	All	Y	N
Thailand, Chiang Mai	Y	Y	Y	Y	Y	Y	Y	N	All	Y	Y
Thailand, Lampang	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
Thailand, Songkhla	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
Turkey, Antalya	Y	Y	Y	N	Y	Y	N	Y	All	Y	N
Turkey, Izmir	Y	Y	Y	N	Y	Y	N	Y	All	Y	N

Table 2.3 Information recorded

	Basic information	Date of birth	ID number	Ethnic group/ race/ colour	Incidence date	Stage of the disease	Nature of 1st treatment	Brain and nervous system	Follow-up for vital status: all/ selected/ none	Death certificates used to update vital status	Active follow-up of alive cases
Europe											
Austria	Y	Y	Y	N	Y	Y	Y	NS	All	Y	N
Austria, Tyrol	Y	Y	N	N	Y	Y	Y	N	All	Y	N
Austria, Vorarlberg	Y	Y	Y	N	Y	Y	N	Y	None	Y	Y
Belarus	Y	Y	N	N	Y	Y	Y	Y	All	Y	Y
Belgium, Antwerp	Y	Y	Y	N	Y	Y	Y	Y	All	N	N
Belgium, Flanders	Y	Y	Y	N	Y	Y	Y	Y	All	N	Y
Bulgaria	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
Croatia	Y	Y	Y	N	Y	Y	Y	Y	None	Y	N
Czech Republic	Y	Y	Y	N	Y	Y	Y	N	All	Y	Y
Denmark	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
Estonia	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
Finland	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
France, Bas-Rhin	Y	Y	N	N	Y	Y	N	N	All	Y	Y
France, Calvados	Y	Y	N	N	Y	N	N	Y	All	Y	Y
France, Doubs	Y	Y	N	N	Y	N	N	N	Sel	N	Y
France, Haut-Rhin	Y	Y	N	N	Y	Y	N	Y	Y	N	Y
France, Hérault	Y	Y	Y	N	Y	Y	N	Y	All	N	N
France, Isère	Y	Y	N	N	Y	Y	Y	Y	Sel	Y	N
France, Loire-Atlantique	Y	Y	N	N	Y	N	N	N	All	N	Y
France, Manche	Y	Y	N	N	Y	N	N	Y	Y	Y	Y
France, Somme	Y	Y	N	N	Y	N	Y	N	Sel	Y	Y
France, Tarn	Y	Y	N	N	Y	Y	N	Y	Sel	N	Y
France, Vendée	Y	Y	N	N	Y	N	N	N	All	N	Y
Germany, Brandenburg	Y	Y	N	N	Y	Y	Y	Y	All	Y	N
Germany, Free State of Saxony	Y	Y	N	N	Y	Y	Y	Y	All	Y	N
Germany, Hamburg	Y	Y	N	N	Y	Y	N	Y	All	Y	Y
Germany, Mecklenburg-Western Pomerania	Y	Y	N	N	Y	Y	Y	Y	All	Y	N
Germany, Munich	Y	Y	N	N	Y	Y	Y	Y	All	Y	Y

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	Basic information	Date of birth	ID number	Ethnic group/ race/ colour	Incidence date	Stage of the disease	Nature of 1st treatment	Brain and nervous system	Follow-up for vital status: all/ selected/ none	Death certificates used to update vital status	Active follow-up of alive cases
Germany, Northrhine-Westphalia: Münster	Y	Y	N	N	Y	Y	Y	Y	All	Y	N
Germany, Saarland	Y	Y	N	N	Y	Y	Y	Y	None	Y	N
Iceland	Y	Y	Y	N	Y	N	N	Y	Sel	Y	Y
Ireland	Y	Y	N	N	Y	Y	Y	Y	All	Y	N
Italy, Biella Province	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
Italy, Brescia Province	Y	Y	Y	N	Y	N	N	Y	All	Y	Y
Italy, Ferrara Province	Y	Y	Y	N	Y	Y	Y	N	All	Y	Y
Italy, Florence and Prato	Y	Y	Y	N	Y	Y	Y	Y	Sel	Y	Y
Italy, Genoa Province	Y	Y	Y	N	Y	Y	N	Y	All	Y	Y
Italy, Macerata Province	Y	Y	Y	N	Y	Y	Y	N	All	Y	N
Italy, Milan	Y	Y	Y	N	Y	Y	N	Y	All	Y	Y
Italy, Modena Province	Y	Y	Y	N	Y	Y	N	N	All	Y	Y
Italy, Naples	Y	Y	Y	N	Y	Y	N	Y	All	Y	Y
Italy, North East	Y	Y	Y	N	Y	N	N	Y	All	Y	N
Italy, Parma Province	Y	Y	Y	N	Y	Y	N	Y	All	Y	Y
Italy, Ragusa Province	Y	Y	N	N	Y	Y	N	Y	All	Y	Y
Italy, Reggio Emilia Province	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
Italy, Romagna Region	Y	Y	Y	N	Y	Y	N	Y	All	Y	Y
Italy, Salerno Province	Y	Y	N	N	Y	Y	N	N	All	Y	Y
Italy, Sassari Province	Y	Y	N	N	Y	Y	Y	Y	All	Y	Y
Italy, Sondrio	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
Italy, Syracuse Province	Y	Y	Y	N	Y	N	N	N	All	Y	Y
Italy, Torino	Y	Y	Y	N	Y	Y	Y	N	All	Y	Y
Italy, Umbria Region	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
Italy, Varese Province	Y	Y	Y	N	Y	Y	N	Y	All	Y	Y
Italy, Veneto Region	Y	Y	Y	N	Y	N	N	Y	All	Y	Y
Latvia	Y	Y	Y	N	Y	Y	Y	NS	All	NS	Y
Lithuania	Y	Y	Y	N	Y	Y	Y	N	All	Y	Y
Malta	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
The Netherlands	Y	Y	N	N	Y	Y	Y	Y	All	Y	Y

Table 2.3 Information recorded

	Basic information	Date of birth	ID number	Ethnic group/ race/ colour	Incidence date	Stage of the disease	Nature of 1st treatment	Brain and nervous system	Follow-up for vital status: all/ selected/ none	Death certificates used to update vital status	Active follow-up of alive cases
The Netherlands, Eindhoven	Y	Y	N	N	Y	Y	Y	Y	All	N	Y
The Netherlands, Maastricht	Y	Y	N	N	Y	Y	Y	Y	All	Y	Y
Norway	Y	Y	Y	N	Y	Y	Y	Y	All	Y	N
Poland, Cracow	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
Poland, Kielce	Y	Y	Y	N	Y	Y	Y	Y	Sel	Y	N
Poland, Warsaw City	Y	Y	Y	N	Y	Y	N	Y	All	N	N
Portugal, Porto	Y	Y	N	N	Y	Y	Y	Y	Sel	N	Y
Portugal, South Regional	Y	Y	N	N	Y	Y	Y	Y	All	Y	Y
Russia, St Petersburg	Y	Y	Y	N	Y	Y	Y	N	All	Y	Y
Serbia	Y	Y	Y	N	Y	Y	N	N	Sel	Y	N
Slovak Republic	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
Slovenia	Y	Y	Y	N	Y	Y	Y	Y	All	N	Y
Spain, Albacete	Y	Y	Y	N	Y	N	N	Y	Sel	Y	N
Spain, Asturias	Y	Y	Y	N	Y	N	N	Y	All	Y	N
Spain, Basque Country	Y	Y	Y	N	Y	N	Y	Y	All	Y	Y
Spain, Canary Islands	Y	Y	Y	N	Y	N	N	Y	None	Y	N
Spain, Cuenca	Y	Y	Y	N	Y	Y	N	Y	Sel	Y	N
Spain, Girona	Y	Y	Y	N	Y	Y	N	Y	All	Y	Y
Spain, Granada	Y	Y	Y	N	Y	N	N	N	All	N	Y
Spain, Murcia	Y	Y	Y	N	Y	N	N	Y	All	Y	Y
Spain, Navarra	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
Spain, Tarragona	Y	Y	Y	N	Y	Y	N	Y	All	Y	Y
Spain, Zaragoza	Y	Y	Y	N	Y	N	N	Y	All	Y	Y
Sweden	Y	Y	Y	N	Y	N	N	Y	All	Y	Y
Switzerland, Geneva	Y	Y	N	N	Y	Y	Y	Y	All	Y	Y
Switzerland, Graubünden and Glarus	Y	Y	N	N	Y	Y	Y	Y	All	Y	Y
Switzerland, Neuchâtel	Y	Y	N	N	Y	Y	Y	N	All	Y	Y
Switzerland, St Gall-Appenzell	Y	Y	N	N	Y	Y	Y	Y	All	Y	Y
Switzerland, Ticino	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
Switzerland, Valais	Y	Y	N	N	Y	Y	Y	Y	All	Y	Y
Switzerland, Vaud	Y	Y	N	N	Y	Y	Y	Y	All	Y	Y

Table 2.3 Information recorded

	Basic information	Date of birth	ID number	Ethnic group/ race/ colour	Incidence date	Stage of the disease	Nature of 1st treatment	Brain and nervous system	Follow-up for vital status: all/ selected/ none	Death certificates used to update vital status	Active follow-up of alive cases
UK, England, East of England Region	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
UK, England, Merseyside and Cheshire	Y	Y	Y	N	Y	Y	N	Y	All	Y	N
UK, England, North Western	Y	Y	Y	N	Y	Y	Y	Y	All	Y	N
UK, England, Northern and Yorkshire	Y	Y	Y	N	Y	Y	Y	Y	None	Y	N
UK, England, Oxford Region	Y	Y	Y	N	Y	Y	Y	Y	All	Y	Y
UK, England, South and Western Regions	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y
UK, England, Thames	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
UK, England, Trent	Y	Y	Y	Y	Y	Y	Y	Y	None	Y	N
UK, England, West Midlands	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
UK, Northern Ireland	Y	Y	N	Y	Y	Y	Y	Y	All	Y	Y
UK, Scotland	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	N
Oceania											
Australian Capital Territory	Y	Y	N	Y	Y	Y	N	N	All	Y	N
Australia, New South Wales	Y	Y	N	Y	Y	Y	N	N	All	Y	N
Australia, Northern Territory	Y	Y	Y	Y	Y	N	N	N	All	Y	N
Australia, Queensland	Y	Y	Y	Y	Y	N	N	Y	All	Y	N
South Australia	Y	Y	N	Y	Y	N	N	N	All	Y	Y
Australia, Tasmania	Y	Y	Y	Y	Y	N	N	Y	All	Y	Y
Australia, Victoria	Y	Y	N	N	Y	Y	N	Y	None	Y	N
Western Australia	Y	Y	N	Y	Y	N	N	Y	All	Y	N
French Polynesia	Y	Y	Y	N	Y	Y	Y	N	All	Y	Y
New Zealand	Y	Y	Y	Y	Y	Y	N	N	Sel	Y	N
USA, Hawaii	Y	Y	Y	Y	Y	Y	Y	Y	All	Y	Y

Chapter 3: Classification and coding

H.R. Shin

The *Cancer Incidence in Five Continents* series has followed the evolution of the International Classification of Diseases through four revisions and the creation of a coding scheme for oncology, the International Classification of Diseases for Oncology (ICD–O), now in its third edition (ICD–O–3). Volumes I and II (Doll *et al*., 1966; 1970) presented the data on cancer incidence coded to the 7th Revision (ICD–7; WHO, 1957). Volume III (Waterhouse *et al*., 1976) published data using both the 7th and the 8th (ICD–8; WHO, 1967) revisions. ICD–8, which came into effect in 1968, was used in Volume IV (Waterhouse *et al*., 1982), presenting data for the years 1973–77. The 9th Revision of the ICD (ICD–9; WHO, 1977) was used for Volumes V (Muir *et al*., 1987), VI (Parkin *et al*., 1992), VII (Parkin *et al*., 1997), The 10th revision of the ICD (ICD–10, WHO, 1992) was used for Volume VIII (Parkin *et al*., 2002) and the present volume.

The data are published at the level of the 3-character ICD–10 codes in the individual registry tables and, as in previous volumes, some grouping of ICD codes has been used. Malignant neoplasm of gum, floor of mouth and other and unspecified parts of mouth have been put together (ICD–10 C03-C06). Follicular (nodular) non-Hodgkin lymphoma, diffuse non-Hodgkin lymphoma, peripheral and cutaneous T-cell lymphomas and other and unspecified types of non-Hodgkin lymphoma have been combined as Non-Hodgkin lymphoma. Other categories have been combined to correspond to a single three-digit rubric in ICD–10; for example base of tongue + other and unspecified parts of tongue (ICD–10 C01–C02), and rectosigmoid junction and rectum (C19–C20). Myeloproliferative disorders (MPD) including morphology behavior M9950/3, 996_/3, 9975/3 and Myelodysplastic syndromes (MDS) including M998_/3 were separately presented according to the ICD–O–3. Table 3.1 presents the ICD–10 individual site codes, the full ICD–10 titles, the Volume IX groupings and short titles used in the tables of incidence.

Table 3.1 Classification used in incidence tables

Site	Full title	Groupings used in tables	Short title used in tables
C00	Malignant neoplasm of lip	-	Lip
C01	Malignant neoplasm of base of tongue	C01-C02 are grouped	Tongue
C02	Malignant neoplasm of other and unspecified parts of tongue		
C03	Malignant neoplasm of gum	C03-C06 are grouped	Mouth
C04	Malignant neoplasm of floor of mouth		
C05	Malignant neoplasm of palate		
C06	Malignant neoplasm of other and unspecified parts of mouth		
C07	Malignant neoplasm of parotid gland	C07-C08 are grouped	
C08	Malignant neoplasm of other and unspecified major salivary glands		Salivary gland
C09	Malignant neoplasm of tonsil	-	Tonsil
C10	Malignant neoplasm of oropharynx	-	Other oropharynx
C11	Malignant neoplasm of nasopharynx	-	Nasopharynx
C12	Malignant neoplasm of pyriform sinus	C12-C13 are grouped	Hypopharynx
C13	Malignant neoplasm of hypopharynx		
C14	Malignant neoplasm of other and ill-defined sites in the lip, oral cavity and pharynx	-	Pharynx unspecified
C15	Malignant neoplasm of oesphagus	-	Oesophagus
C16	Malignant neoplasm of stomach	-	Stomach
C17	Malignant neoplasm of small intestine	-	Small intestine
C18	Malignant neoplasm of colon	-	Colon
C19	Malignant neoplasm of rectosigmoid junction	C19-C20 are grouped	Rectum
C20	Malignant neoplasm of rectum		
C21	Malignant neoplasm of anus and anal canal	-	Anus
C22	Malignant neoplasm of liver and intrahepatic bile ducts	-	Liver
C23	Malignant neoplasm of gallbladder	C23-C24 are grouped	Gallbladder etc.
C24	Malignant neoplasm of other and unspecified parts of biliary tract		
C25	Malignant neoplasm of pancreas	-	Pancreas
C26	Malignant neoplasm of other and ill defined digestive organs	C26 is included in other and unspecified	

Table 3.1 Classification used in incidence tables

Site	Full title	Groupings used in tables	Short title used in tables
C30	Malignant neoplasm of nasal cavity and middle ear	C30-C31 are grouped	Nose, sinuses, etc.
C31	Malignant neoplasm of accessory sinuses		
C32	Malignant neoplasm of larynx	-	Larynx
C33	Malignant neoplasm of trachea	C33-C34 are grouped	Trachea, bronchus and lung
C34	Malignant neoplasm of bronchus and lung		
C37	Malignant neoplasm of thymus	C37-C38 are grouped	Other thoracic organs
C38	Malignant neoplasm of heart, mediastinum and pleura		
C39	Malignant neoplasm of other and ill-defined sites in the respiratory system and introthoracic organs	C39 is included in other and unspecified	
C40	Malignant neoplasm of bone and articular cartilage of limbs	C40-C41 are grouped	Bone
C41	Malignant neoplasm of bone and articular cartilage of other and unspecified sites		
C43	Malignant melanoma of skin	-	Melanoma of skin
C44	Other malignant neoplasms of skin	-	Other skin
C45	Mesothelioma	-	Mesothelioma
C46	Kaposi sarcoma	-	Kaposi sarcoma
C47	Malignant neoplasm of peripheral nerves and autonomic nervous system	C47+C49 are grouped	Connective and soft tissue
C48	Malignant neoplasm of retroperitoneum and peritoneum	C48 is included in other and unspecified	
C49	Malignant neoplasm of other connective and soft tissue	C49 is grouped with C47	
C50	Malignant neoplasm of breast	-	Breast
C51	Malignant neoplasm of vulva	-	Vulva
C52	Malignant neoplasm of vagina	-	Vagina
C53	Malignant neoplasm of cervix uteri	-	Cervix uteri
C54	Malignant neoplasm of corpus uteri	-	Corpus uteri
C55	Malignant neoplasm of uterus, part unspecified	-	Uterus unspecified
C56	Malignant neoplasm of ovary	-	Ovary
C57	Malignant neoplasm of other and unspecified female genital organs	-	Other female genital organs
C58	Malignant neoplasm of placenta	-	Placenta
C60	Malignant neoplasm of penis	-	Penis
C61	Malignant neoplasm of prostate	-	Prostate
C62	Malignant neoplasm of testis	-	Testis
C63	Malignant neoplasm of other and unspecified male genital organs	-	Other male genital organs
C64	Malignant neoplasm of kidney, except renal pelvis	-	Kidney
C65	Malignant neoplasm of renal pelvis	-	Renal pelvis
C66	Malignant neoplasm of ureter	-	Ureter
C67	Malignant neoplasm of bladder	-	Bladder
C68	Malignant neoplasm of other and unspecified urinary organs	-	Other urinary organs
C69	Malignant neoplasm of eye and adnexa	-	Eye
C70	Malignant neoplasm of meninges	C70-72 are grouped together	Brain, nervous system
C71	Malignant neoplasm of brain		
C72	Malignant neoplasm of spinal cord, cranial nerves and other parts of central nervous system		
C73	Malignant neoplasm of thyroid gland	-	Thyroid
C74	Malignant neoplasm of adrenal gland	-	Adrenal gland

Table 3.1 Classification used in incidence tables

Site	Full title	Groupings used in tables	Short title used in tables
C75	Malignant neoplasm of other endocrine glands and related structures	-	Other endocrine
C76	Malignant neoplasm of other and ill-defined sites	C76 is included in other and unspecified	
C80	Malignant neoplasm without specification of site	C80 is included in other and unspecified	
C81	Hodgkin disease	-	Hodgkin disease
C82	Follicular (nodular) non-Hodgkin lymphoma	C82-C85, C96 are grouped	Non-Hodgkin lymphoma
C83	Diffuse non-Hodgkin lymphoma		
C84	Peripheral and cutaneous T-cell lymphomas		
C85	Other and unspecified types of non-Hodgkin lymphoma		
C88	Malignant immunoproliferative diseases	-	Immunoproliferative diseases
C90	Multiple myeloma and malignant plasma cell neoplasms	-	Multiple myeloma
C91	Lymphoid leukaemia	-	Lymphoid leukaemia
C92	Myeloid leukaemia	C92-C94 are grouped (following ICD-O-3)	Myeloid leukaemia
C93	Monocytic leukaemia		
C94	Other leukaemias of specified cell type		
C95	Leukaemia of unspecified cell type	-	Leukaemia unspecified
C96	Other and unspecified malignant neoplasms of lymphoid, haematopoietic and related tissue	C96 is grouped with C82-C85	
O&U		Includes C26, C39, C48, C76 and C80	Other and unspecified
MPD	Myeloproliferative disorders	Includes ICD-O-3 M 9950/3, 996_/3, 9975/3	Myeloproliferative disorders
MDS	Myelodysplastic syndromes	Includes ICD-O-3 M 998_/3	Myelodysplastic syndromes
ALL			All sites
ALLb			All sites but C44

Classifications used in the cancer registry

Since the publication in 1976 of the first edition of the ICD–O (WHO, 1976) with clearly defined axes of anatomical location, histology and behaviour, international conformity to standard classification systems and coding rules has increased steadily. For data published in Volume IV (1973–77), 90% of registries recorded histological diagnosis; for coding just over one third of the registries used MOTNAC (ACS, 1951; 1968), one third had started to use ICD–O and 12% used SNOP (CAP, 1965). About 75% of contributors to Volume V used ICD–O to code histology, and this figure rose to over 90% for Volumes VI and VII. Four of the 186 contributors to the Volume VIII and only one of the 225 contributors to the present volume did not code their histological data to ICD–O.

Data submitted for the first four volumes of *Cancer Incidence in Five Continents* were sent in tabular format, by sex, site and five-year age group, on tape, diskette or, most frequently, the forms designed for the purpose. The only verification possible was to tally the columns and rows. For the fifth volume, registries were given the opportunity of sending data in the form of a case-listing coded to ICD–9 topography only, or to ICD–9 or ICD–O topography plus ICD–O morphology. A very small minority of registries sent data coded to ICD–O. Contributors to Volume VI were encouraged to send data as a listing of cases, but 24% sent tabulated data. For Volumes VII, VIII and IX, data had to be sent as a case listing. In practice, it was still necessary to ask registries some questions, notably in relation to non-melanoma skin, breast, ovary and bladder cancer.

While the majority of the data submitted for this volume had been coded or converted to ICD–O, registries were asked what classification systems were used for coding data in the registry during the period. Of the 225 registries contributing data to this volume, 202 (89.8%) coded to ICD–O–3 or ICD–O–2 topography and morphology, 29 (12.9%) to ICD–9 or ICD–10 topography and ICD–O morphology, and 4 (1.8%) did not register histology and coded topography to ICD–9 or ICD–10. Seven registries used ICD–O–1 topography and morphology, and one registry coded morphology to MOTNAC with ICD–O–7 topography (Table 3.2).

Table 3.2 Coding practices

Continents (No. of Registries)	ICD-O-3 (T+M)	ICD-O-2 (T+M)	ICD-O-1 (T+M)	ICD-9 + ICD-O-1 (M)	ICD-9 + ICD-O-2 (M)	ICD-10 + ICD-O-2 (M)	ICD-10 + ICD-O-3 (M)	ICD-9	ICD-10	ICD-7+ MOTNAC	Total
Africa (5)	4	1	0	0	0	0	0	0	0	0	5
South and Central America (11)	7	4	0	0	0	0	0	0	0	0	11
North America (54)	53	1	0	0	0	0	0	0	0	0	54
Asia (44)	31	5	2	1	1	6	0	0	0	0	56*
Europe (100)	75	12	5	3	1	12	3	2	2	1	116**
Oceania (11)	8	1	0	1	0	1	0	0	0	0	11
Total (225)	178	24	7	5	2	19	3	2	2	1	253

*Total greater than 44 (registries using two systems). **Total greater than 100 (registries using two or three systems).

Table 3.3 presents the summary table of coding practices for the selected sites, carcinoma of bladder, benign tumors of brain and nervous system, borderline tumours of brain, endometrium of uterus, ovary and carcinoma of breast with ductal carcinoma in situ, intraductal and lobular carcinoma in situ. Borderline ovary cancer is no longer behavior /3 according to the ICD–O–3. However, some registries are still coding it as /3. For the comparison of cancer incidence from these selected sites, the coding practices of each registry should be reviewed. Table 3.4a and Table 3.4b present the coding practices recorded in the questionnaires by registry

Table 3.3 Summary table of coding practices for the selected sites

Continents (No. of Registries)	Carcinoma of Bladder		Benign Tumours of Brain and Nervous system	Borderline Tumours			Carcinoma of Breast		
	In situ	NOS		Brain	Endometrium	Ovary	Ductal, *in situ*	Intraductal NOS	Lobular, *in situ*
Africa (5)	3 (0)	4 (4)	1 (0)	2 (0)	2 (0)	2 (0)	3 (0)	4 (1)	3 (0)
South and Central America (11)	8 (1)	11 (9)	5 (3)	4 (2)	2 (0)	5 (1)	11 (1)	11 (4)	11(2)
North America (54)	51 (6)	49 (31)	43 (1)	38 (0)	10 (0)	28 (3)	50 (0)	50 (4)	50 (0)
Asia (44)	25 (2)	36 (33)	19 (3)	23 (5)	21 (6)	23 (7)	27 (1)	30 (9)	28 (2)
Europe (100)	86 (8)	89 (55)	70 (3)	79 (4)	58 (3)	77 (14)	83 (3)	82 (10)	82 (2)
Oceania (11)	8 (0)	8 (7)	4 (0)	4 (0)	5 (0)	6 (1)	10 (0)	10 (0)	9 (0)
Total (225)	181 (17)	197 (139)	142 (10)	150 (11)	98 (9)	141 (26)	184 (5)	187 (28)	183 (6)
% of coded	80.4	87.6	63.1	66.7	43.6	62.7	81.8	83.1	81.3
(% of behavior/3)	(7.6)	(61.8)	(4.4)	(4.9)	(4)	(11.6)	(2.2)	(12.4)	(2.7)

( ) Recoded to behaviour /3

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Table 3.4a Coding practices: Recorded

	Carcinoma of bladder, *in situ*	Carcinoma of bladder NOS	Benign tumours of brain and nervous system	Borderline tumour, uns. and unk. behaviour of ovary	Borderline tumour, uns. and unk. behaviour of endometrium	Borderline tumour, uns. and unk. behaviour of brain	Ductal carcinoma *in situ* of breast	Intraduct carcinoma NOS of breast	Lobular carcinoma *in situ* of breast
Africa									
Algeria, Setif	N	N	N	N	N	N	N	N	N
Egypt, Gharbiah	Y	Y	N	Y	Y	Y	Y	Y	Y
Tunisia, Central Region	Y	Y	Y	Y	Y	Y	Y	Y	Y
Uganda, Kyadondo County	N	Y	N	N	N	N	N	Y	N
Zimbabwe, Harare	Y	Y	N	N	N	N	Y	Y	Y
South and Central America									
Argentina, Bahia Blanca	Y	Y	Y	Y	Y	Y	Y	Y	Y
Brazil, Brasilia	Y	Y	N	N	N	N	Y	Y	Y
Brazil, Cuiaba	Y	Y	N	N	N	N	Y	Y	Y
Brazil, Goiânia	Y	Y	Y	Y	N	Y	Y	Y	Y
Brazil, São Paulo	Y	Y	N	N	N	N	Y	Y	Y
Chile, Valdivia	N	Y	Y	N	N	Y	Y	Y	Y
Colombia, Cali	N	Y	Y	N	N	N	Y	Y	Y
Costa Rica	Y	Y	N	N	N	N	Y	Y	Y
Ecuador, Quito	Y	Y	N	Y	N	N	Y	Y	Y
France, Martinique	Y	Y	Y	Y	Y	Y	Y	Y	Y
Peru, Trujillo	N	Y	N	Y	N	N	Y	Y	Y
North America									
Canada	Y	Y	Y	Y	Y	Y	Y	Y	Y
Canada, Alberta	Y	N	Y	NS	NS	Y	Y	Y	Y
Canada, British Columbia	Y	Y	Y	Y	Y	Y	Y	Y	Y
Canada, Manitoba	Y	Y	Y	Y	Y	Y	Y	Y	Y
Canada, New Brunswick	Y	Y	Y	Y	Y	Y	Y	Y	Y
Canada, Newfoundland and Labrador	Y	Y	Y	NS	NS	Y	Y	Y	Y
Canada, Northwest Territories	Y	Y	Y	Y	Y	Y	Y	Y	Y
Canada, Nova Scotia	Y	Y	Y	Y	Y	Y	Y	Y	Y
Canada, Ontario	N	Y	N	N	N	N	N	N	N
Canada, Prince Edward Island	Y	Y	Y	Y	N	Y	Y	Y	Y

Table 3.4a Coding practices: Recorded

	Carcinoma of bladder, *in situ*	Carcinoma of bladder NOS	Benign tumours of brain and nervous system	Borderline tumour, uns. and unk. behaviour of ovary	Borderline tumour, uns. and unk. behaviour of endometrium	Borderline tumour, uns. and unk. behaviour of brain	Ductal carcinoma *in situ* of breast	Intraduct carcinoma NOS of breast	Lobular carcinoma *in situ* of breast
Canada, Saskatchewan	Y	Y	Y	Y	Y	Y	Y	Y	Y
USA, Alabama	Y	Y	Y	N	N	Y	Y	Y	Y
USA, Alaska	Y	Y	Y	N	N	N	Y	Y	Y
USA, Arizona	Y	Y	Y	Y	N	Y	Y	Y	Y
USA, California	Y	Y	Y	Y	N	Y	Y	Y	Y
USA, California, Greater San Francisco Bay Area	NS	NS	NS	NS	NS	NS	NS	NS	NS
USA, California, Los Angeles County	Y	Y	Y	Y	N	Y	Y	Y	Y
USA, Colorado	Y	Y	Y	N	N	Y	Y	Y	Y
USA, Connecticut	Y	Y	Y	N	N	Y	Y	Y	Y
USA, District of Columbia	Y	Y	Y	Y	Y	N	Y	Y	Y
USA, Florida	Y	Y	Y	N	N	Y	Y	Y	Y
USA, Georgia	Y	Y	Y	Y	Y	Y	Y	Y	Y
USA, Georgia, Atlanta	Y	N	N	Y	N	N	Y	Y	Y
USA, Idaho	Y	Y	Y	Y	NS	Y	Y	Y	Y
USA, Illinois	Y	Y	Y	N	N	Y	Y	Y	Y
USA, Indiana	Y	Y	N	N	N	N	Y	Y	Y
USA, Iowa	Y	Y	N	Y	N	N	Y	Y	Y
USA, Kentucky	Y	Y	N	Y	N	Y	Y	Y	Y
USA, Louisiana	Y	Y	Y	N	N	Y	Y	Y	Y
USA, Louisiana, New Orleans	Y	Y	Y	N	N	Y	Y	Y	Y
USA, Maine	Y	Y	Y	Y	N	Y	Y	Y	Y
USA, Massachusetts	Y	Y	Y	N	N	Y	Y	Y	Y
USA, Michigan	Y	Y	Y	N	N	N	Y	Y	Y
USA, Michigan, Detroit	Y	Y	N	Y	N	N	Y	Y	Y
USA, Missouri	Y	Y	Y	N	N	Y	Y	Y	Y
USA, Montana	Y	Y	Y	Y	N	Y	Y	Y	Y
USA, New Jersey	Y	Y	Y	Y	N	N	Y	Y	Y
USA, New Mexico	Y	Y	Y	Y	N	Y	Y	Y	Y
USA, New York State	Y	Y	Y	Y	N	Y	Y	Y	Y
USA, NPCR									
USA, Ohio	Y	Y	Y	N	N	Y	Y	Y	Y

Table 3.4a Coding practices: Recorded

	Carcinoma of bladder, *in situ*	Carcinoma of bladder NOS	Benign tumours of brain and nervous system	Borderline tumour, uns. and unk. behaviour of ovary	Borderline tumour, uns. and unk. behaviour of endometrium	Borderline tumour, uns. and unk. behaviour of brain	Ductal carcinoma *in situ* of breast	Intraduct carcinoma NOS of breast	Lobular carcinoma *in situ* of breast
USA, Oklahoma	Y	N	N	N	N	N	NS	NS	NS
USA, Oregon	Y	Y	N	N	N	N	Y	Y	Y
USA, Pennsylvania	Y	Y	Y	N	N	Y	Y	Y	Y
USA, Rhode Island	Y	Y	Y	N	N	Y	Y	Y	Y
USA, SEER	Y	Y	Y	Y	N	Y	Y	Y	Y
USA, South Carolina	Y	Y	N	Y	Y	N	Y	Y	Y
USA, Texas	Y	Y	Y	Y	N	Y	Y	Y	Y
USA, Utah	Y	Y	Y	N	N	N	Y	Y	Y
USA, Vermont	Y	Y	Y	N	N	Y	Y	Y	Y
USA, Washington	Y	Y	Y	N	N	Y	Y	Y	Y
USA, Washington, Seattle	Y	Y	Y	Y	N	Y	Y	Y	Y
USA, West Virginia	Y	Y	Y	N	N	Y	Y	Y	Y
USA, Wisconsin	Y	Y	Y	Y	N	N	Y	Y	Y
Asia									
Bahrain	Y	Y	Y	Y	Y	Y	Y	Y	Y
China, Guangzhou	N	Y	Y	N	N	Y	Y	Y	Y
China, Hong Kong	N	Y	N	Y	Y	N	N	N	N
China, Jiashan	Y	Y	Y	N	N	Y	Y	Y	Y
China, Nangang District, Harbin City	N	Y	Y	N	N	Y	N	Y	Y
China, Shanghai	N	N	Y	N	N	Y	N	N	N
China, Zhongshan	Y	Y	Y	Y	Y	Y	Y	Y	Y
Cyprus	Y	Y	N	N	N	N	Y	Y	Y
India, Chennai (Madras)	N	Y	N	Y	N	N	N	N	N
India, Karunagappally	N	Y	N	N	N	N	N	N	N
India, Mumbai (Bombay)	N	Y	N	N	N	N	N	N	N
India, Nagpur	N	Y	N	N	N	N	N	N	N
India, New Delhi	N	Y	N	Y	Y	Y	N	Y	N
India, Poona	N	Y	N	N	N	N	N	N	N
India, Trivandrum	N	Y	N	N	N	N	N	N	N
Israel	NS	NS	NS	NS	NS	NS	NS	NS	NS

Table 3.4a Coding practices: Recorded

	Carcinoma of bladder, *in situ*	Carcinoma of bladder NOS	Benign tumours of brain and nervous system	Borderline tumour, uns. and unk. behaviour of ovary	Borderline tumour, uns. and unk. behaviour of endometrium	Borderline tumour, uns. and unk. behaviour of brain	Ductal carcinoma *in situ* of breast	Intraduct carcinoma NOS of breast	Lobular carcinoma *in situ* of breast
Japan, Aichi Prefecture	Y	Y	N	Y	Y	N	Y	Y	Y
Japan, Fukui Prefecture	Y	Y	N	N	N	N	Y	Y	Y
Japan, Hiroshima	Y	Y	Y	Y	Y	NS	Y	Y	Y
Japan, Miyagi Prefecture	Y	Y	Y	Y	Y	Y	Y	Y	Y
Japan, Nagasaki Prefecture	Y	Y	Y	Y	Y	Y	Y	Y	Y
Japan, Osaka Prefecture	Y	Y	Y	N	N	Y	Y	Y	Y
Japan, Yamagata Prefecture	Y	Y	N	N	N	N	Y	Y	Y
Korea	Y	N	N	N	N	N	Y	Y	Y
Korea, Busan	Y	N	N	N	N	N	Y	Y	Y
Korea, Daegu	Y	Y	Y	Y	Y	Y	Y	Y	Y
Korea, Daejeon	Y	N	N	N	N	N	Y	Y	Y
Korea, Gwangju	N	Y	N	Y	N	N	N	N	N
Korea, Incheon	N	N	N	N	N	N	N	N	N
Korea, Jejudo	Y	Y	Y	Y	Y	Y	Y	Y	Y
Korea, Seoul	Y	Y	Y	N	N	N	Y	Y	Y
Korea, Ulsan	N	Y	N	N	N	N	N	Y	N
Kuwait	Y	Y	N	Y	Y	Y	Y	Y	Y
Malaysia, Penang	Y	Y	Y	Y	Y	Y	Y	Y	Y
Malaysia, Sarawak	N	N	N	N	N	N	N	N	N
Oman	Y	Y	Y	Y	Y	Y	Y	Y	Y
Pakistan, South Karachi	N	N	N	Y	Y	Y	N	N	N
Philippines, Manila	Y	Y	N	Y	Y	Y	Y	Y	Y
Singapore	Y	Y	N	Y	Y	Y	Y	Y	Y
Thailand, Chiang Mai	Y	Y	N	Y	Y	Y	Y	Y	Y
Thailand, Lampang	Y	Y	Y	Y	Y	Y	Y	Y	Y
Thailand, Songkhla	N	Y	Y	Y	Y	Y	Y	Y	Y
Turkey, Antalya	N	Y	Y	Y	Y	Y	N	N	N
Turkey, Izmir	Y	Y	Y	Y	Y	Y	Y	Y	Y
Europe									
Austria	Y	Y	N	Y	N	N	Y	Y	Y

Table 3.4a Coding practices: Recorded

	Carcinoma of bladder, *in situ*	Carcinoma of bladder NOS	Benign tumours of brain and nervous system	Borderline tumour, uns. and unk. behaviour of ovary	Borderline tumour, uns. and unk. behaviour of endometrium	Borderline tumour, uns. and unk. behaviour of brain	Ductal carcinoma *in situ* of breast	Intraduct carcinoma NOS of breast	Lobular carcinoma *in situ* of breast
Austria, Tyrol	Y	Y	N	Y	Y	NS	Y	Y	Y
Austria, Vorarlberg	Y	Y	Y	Y	Y	Y	Y	Y	Y
Belarus	Y	Y	N	N	N	N	Y	Y	Y
Belgium, Antwerp	Y	Y	Y	N	N	Y	Y	Y	Y
Belgium, Flanders	Y	Y	Y	Y	Y	Y	Y	Y	Y
Bulgaria	Y	Y	N	N	N	N	Y	Y	Y
Croatia	N	Y	Y	N	N	Y	NS	NS	NS
Czech Republic	Y	Y	N	Y	Y	Y	Y	Y	Y
Denmark	Y	Y	Y	Y	Y	Y	Y	Y	Y
Estonia	Y	Y	Y	Y	N	Y	Y	Y	Y
Finland	Y	Y	Y	Y	Y	Y	Y	Y	Y
France, Bas-Rhin	Y	Y	Y	Y	Y	Y	Y	Y	Y
France, Calvados	Y	Y	Y	Y	Y	Y	Y	Y	Y
France, Doubs	Y	Y	N	Y	N	N	Y	Y	Y
France, Haut-Rhin	Y	Y	Y	Y	Y	Y	Y	Y	Y
France, Hérault	Y	Y	Y	Y	N	Y	Y	Y	Y
France, Isère	Y	Y	Y	Y	Y	Y	Y	Y	Y
France, Loire-Atlantique	N	Y	N	N	N	N	N	N	N
France, Manche	Y	Y	Y	Y	Y	Y	Y	Y	Y
France, Somme	Y	Y	N	Y	Y	N	Y	Y	Y
France, Tarn	Y	Y	Y	Y	Y	Y	Y	Y	Y
France, Vendée	N	Y	N	N	N	N	N	N	N
Germany, Brandenburg	Y	Y	N	Y	Y	Y	Y	Y	Y
Germany, Free State of Saxony	Y	Y	N	Y	Y	Y	Y	Y	Y
Germany, Hamburg	Y	Y	N	Y	N	N	Y	Y	Y
Germany, Mecklenburg-Western Pomerania	Y	Y	N	Y	Y	Y	Y	Y	Y
Germany, Munich	Y	Y	Y	Y	Y	Y	Y	Y	Y
Germany, North Rhine-Westphalia: Münster	Y	Y	Y	Y	Y	Y	Y	Y	Y
Germany, Saarland	N	N	N	Y	Y	Y	N	N	N
Iceland	Y	Y	Y	Y	N	Y	Y	Y	Y
Ireland	N	N	N	Y	Y	Y	N	N	N

Table 3.4a Coding practices: Recorded

	Carcinoma of bladder, *in situ*	Carcinoma of bladder NOS	Benign tumours of brain and nervous system	Borderline tumour, uns. and unk. behaviour of ovary	Borderline tumour, uns. and unk. behaviour of endometrium	Borderline tumour, uns. and unk. behaviour of brain	Ductal carcinoma *in situ* of breast	Intraduct carcinoma NOS of breast	Lobular carcinoma *in situ* of breast
Italy, Biella Province	N	N	N	Y	Y	Y	N	N	N
Italy, Brescia Province	Y	Y	Y	Y	N	Y	N	N	N
Italy, Ferrara Province	N	N	N	N	N	N	N	N	N
Italy, Florence and Prato	Y	Y	Y	Y	Y	Y	Y	Y	Y
Italy, Genoa Province	Y	Y	Y	Y	Y	Y	Y	Y	Y
Italy, Macerata Province	N	Y	N	N	N	N	N	N	N
Italy, Milan	Y	Y	Y	Y	Y	Y	Y	Y	Y
Italy, Modena Province	N	N	N	Y	N	N	N	N	N
Italy, Naples	Y	Y	Y	Y	Y	Y	Y	Y	Y
Italy, North East	N	N	N	N	N	Y	N	N	N
Italy, Parma Province	Y	Y	Y	N	N	Y	Y	Y	Y
Italy, Ragusa Province	Y	Y	Y	Y	N	Y	Y	Y	Y
Italy, Reggio Emilia Province	Y	NS	Y	Y	N	NS	Y	Y	Y
Italy, Romagna Region	Y	Y	Y	Y	Y	Y	Y	Y	Y
Italy, Salerno Province	N	Y	N	N	N	N	Y	Y	Y
Italy, Sassari Province	Y	Y	Y	Y	N	Y	Y	Y	Y
Italy, Sondrio	Y	Y	Y	NS	NS	Y	N	N	N
Italy, Syracuse Province	N	N	N	N	N	N	N	N	N
Italy, Torino	Y	Y	N	Y	N	Y	Y	Y	Y
Italy, Umbria Region	Y	Y	Y	Y	N	Y	Y	Y	Y
Italy, Varese Province	Y	Y	Y	Y	Y	Y	Y	Y	Y
Italy, Veneto Region	Y	Y	Y	Y	Y	Y	Y	Y	Y
Latvia	Y	Y	N	Y	Y	N	Y	Y	Y
Lithuania	Y	Y	Y	Y	Y	Y	Y	Y	Y
Malta	Y	Y	Y	Y	Y	Y	Y	Y	Y
The Netherlands	Y	Y	Y	Y	NS	Y	Y	Y	Y
The Netherlands, Eindhoven	Y	N	Y	Y	Y	NS	Y	NS	NS
The Netherlands, Maastricht	Y	Y	Y	Y	Y	Y	Y	Y	Y
Norway	Y	Y	Y	Y	Y	Y	Y	Y	Y
Poland, Cracow	N	N	N	Y	Y	Y	N	N	N
Poland, Kielce	Y	Y	N	NS	NS	NS	Y	Y	Y

Table 3.4a Coding practices: Recorded

	Carcinoma of bladder, *in situ*	Carcinoma of bladder NOS	Benign tumours of brain and nervous system	Borderline tumour, uns. and unk. behaviour of ovary	Borderline tumour, uns. and unk. behaviour of endometrium	Borderline tumour, uns. and unk. behaviour of brain	Ductal carcinoma *in situ* of breast	Intraduct carcinoma NOS of breast	Lobular carcinoma *in situ* of breast
Poland, Warsaw City	Y	Y	Y	Y	Y	Y	Y	Y	Y
Portugal, Porto	Y	Y	Y	Y	Y	Y	Y	Y	Y
Portugal, South Regional	Y	Y	Y	NS	NS	Y	NS	NS	NS
Russia, St Petersburg	Y	Y	Y	Y	Y	Y	Y	Y	Y
Serbia	Y	Y	N	N	N	N	Y	Y	Y
Slovak Republic	Y	Y	Y	Y	Y	Y	Y	Y	Y
Slovenia	Y	Y	Y	Y	N	Y	Y	Y	Y
Spain, Albacete	Y	Y	Y	Y	N	Y	Y	Y	Y
Spain, Asturias	Y	Y	Y	N	N	Y	Y	Y	Y
Spain, Basque Country	Y	Y	Y	Y	N	Y	Y	Y	Y
Spain, Canary Islands	Y	Y	Y	Y	N	Y	Y	Y	Y
Spain, Cuenca	Y	Y	Y	Y	Y	Y	Y	Y	Y
Spain, Girona	Y	Y	Y	Y	Y	Y	Y	Y	Y
Spain, Granada	Y	Y	N	Y	N	Y	N	N	N
Spain, Murcia	Y	Y	N	N	N	N	Y	Y	Y
Spain, Navarra	Y	Y	Y	N	N	Y	Y	Y	Y
Spain, Tarragona	Y	Y	NS	N	N	Y	Y	Y	Y
Spain, Zaragoza	N	N	Y	N	N	Y	N	N	N
Sweden	Y	Y	Y	Y	Y	Y	Y	Y	Y
Switzerland, Geneva	Y	Y	Y	Y	Y	Y	Y	Y	Y
Switzerland, Graubünden and Glarus	Y	Y	Y	Y	Y	Y	Y	Y	Y
Switzerland, Neuchâtel	Y	Y	Y	Y	Y	Y	Y	Y	Y
Switzerland, St Gall-Appenzell	Y	Y	Y	Y	Y	Y	Y	Y	Y
Switzerland, Ticino	Y	Y	Y	Y	NS	NS	Y	Y	Y
Switzerland, Valais	Y	Y	Y	N	N	Y	Y	Y	Y
Switzerland, Vaud	Y	Y	Y	Y	Y	Y	Y	Y	Y
UK, England, East of England Region	Y	Y	Y	Y	Y	Y	Y	Y	Y
UK, England, Merseyside and Cheshire	Y	Y	Y	Y	Y	Y	Y	Y	Y
UK, England, North Western	Y	Y	Y	Y	Y	Y	Y	Y	Y
UK, England, Northern and Yorkshire	Y	Y	Y	Y	Y	Y	Y	Y	Y
UK, England, Oxford Region	Y	Y	Y	Y	Y	Y	Y	Y	Y

Table 3.4a Coding practices: Recorded

	Carcinoma of bladder, *in situ*	Carcinoma of bladder NOS	Benign tumours of brain and nervous system	Borderline tumour, uns. and unk. behaviour of ovary	Borderline tumour, uns. and unk. behaviour of endometrium	Borderline tumour, uns. and unk. behaviour of brain	Ductal carcinoma *in situ* of breast	Intraduct carcinoma NOS of breast	Lobular carcinoma *in situ* of breast
UK, England, South and Western Regions	Y	Y	Y	Y	Y	Y	Y	Y	Y
UK, England, Thames	Y	Y	Y	Y	Y	Y	Y	Y	Y
UK, England, Trent	Y	Y	Y	Y	Y	Y	Y	Y	Y
UK, England, West Midlands	Y	Y	Y	Y	Y	Y	Y	Y	Y
UK, Northern Ireland	Y	Y	Y	NS	Y	Y	Y	Y	Y
UK, Scotland	Y	Y	Y	Y	Y	Y	Y	Y	Y
Oceania									
Australian Capital Territory	N	N	N	N	N	N	Y	Y	Y
Australia, New South Wales	N	N	N	N	N	N	Y	Y	Y
Australia, Northern Territory	Y	Y	N	N	N	N	Y	Y	Y
Australia, Queensland	Y	Y	Y	Y	Y	Y	Y	Y	Y
South Australia	Y	Y	N	N	N	N	Y	Y	Y
Australia, Tasmania	Y	Y	Y	Y	Y	Y	Y	Y	Y
Australia, Victoria	Y	Y	Y	Y	Y	Y	Y	Y	Y
Western Australia	Y	Y	Y	Y	Y	Y	Y	Y	Y
French Polynesia	N	N	N	N	N	N	N	N	N
New Zealand	Y	Y	N	Y	N	N	Y	Y	N
USA, Hawaii	Y	Y	N	Y	Y	N	Y	Y	Y

NS, not stated

Table 3.4b Coding practices: Recoded to behaviour /3

	Carcinoma of bladder, *in situ*	Carcinoma of bladder NOS	Benign tumours of brain and nervous system	Borderline tumour, uns. and unk. behaviour of ovary	Borderline tumour, uns. and unk. behaviour of endometrium	Borderline tumour, uns. and unk. behaviour of brain	Ductal carcinoma *in situ* of breast	Intraduct carcinoma NOS of breast	Lobular carcinoma *in situ* of breast
Africa									
Algeria, Setif	N	N	N	N	N	N	N	N	N
Egypt, Gharbiah	N	Y	NA	N	N	N	N	N	N
Tunisia, Central Region	N	Y	N	N	N	N	N	N	N
Uganda, Kyadondo County	NA	Y	NA	NA	NA	NA	NA	Y	NA
Zimbabwe, Harare	N	Y	NA	NA	NA	NA	N	N	N
South America									
Argentina, Bahia Blanca	N	Y	Y	N	N	N	N	Y	N
Brazil, Brasilia	N	Y	NA	NA	NA	NA	N	Y	Y
Brazil, Cuiaba	N	Y	N	N	N	N	N	Y	N
Brazil, Goiânia	Y	Y	Y	Y	NA	Y	Y	N	Y
Brazil, São Paulo	N	N	N	NA	NA	NA	N	N	N
Chile, Valdivia	NA	Y	Y	N	N	Y	N	N	N
Colombia, Cali	N	Y	N	N	N	N	N	N	N
Costa Rica	N	N	NA	NA	NA	NA	N	N	N
Ecuador, Quito	N	Y	NA	N	NA	NA	N	N	N
France, Martinique	N	Y	NS	N	N	N	N	Y	N
Peru, Trujillo	N	Y	N	NS	NA	NA	N	N	N
North America									
Canada	NS	NS	NS	NS	NS	NS	NS	NS	NS
Canada, Alberta	N	NA	NS	NS	NS	NS	NS	NS	NS
Canada, British Columbia	N	Y	N	N	N	N	N	N	N
Canada, Manitoba	N	Y	N	N	N	N	N	Y	N
Canada, New Brunswick	NS	NS	NS	NS	NS	NS	NS	NS	NS
Canada, Newfoundland and Labrador	N	N	N	NS	NS	N	N	N	N
Canada, Northwest Territories	N	N	N	N	N	N	N	N	N
Canada, Nova Scotia	N	Y	N	N	N	N	N	N	N
Canada, Ontario	NA	Y	NA	N	N	N	NA	NA	NA

Table 3.4b Coding practices: Recoded to behaviour /3

	Carcinoma of bladder, *in situ*	Carcinoma of bladder NOS	Benign tumours of brain and nervous system	Borderline tumour, uns. and unk. behaviour of ovary	Borderline tumour, uns. and unk. behaviour of endometrium	Borderline tumour, uns. and unk. behaviour of brain	Ductal carcinoma *in situ* of breast	Intraduct carcinoma NOS of breast	Lobular carcinoma *in situ* of breast
Canada, Prince Edward Island	N	N	N	NS	NS	N	N	N	N
Canada, Saskatchewan	N	Y	N	N	N	N	N	N	N
USA, Alabama	N	Y	N	NA	NA	N	N	N	N
USA, Alaska	N	Y	N	N	N	N	N	N	N
USA, Arizona	N	Y	N	NS	NS	N	N	N	N
USA, California	N	Y	N	N	NA	N	NS	NS	NS
USA, California, Greater San Francisco Bay Area	NS	NS	NS	NS	NS	NS	NS	NS	NS
USA, California, Los Angeles County	N	Y	N	N	NA	N	N	N	N
USA, Colorado	N	Y	N	NA	NA	N	N	N	N
USA, Connecticut	N	Y	N	NA	NA	NS	N	N	N
USA, District of Columbia	N	N	N	N	N	N	N	N	N
USA, Florida	N	N	N	N	N	N	N	N	N
USA, Georgia	N	N	N	N	N	N	N	N	N
USA, Georgia, Atlanta	Y	NA	NA	N	NA	NA	N	N	N
USA, Idaho	N	N	N	N	NS	N	N	N	N
USA, Illinois	Y	NS	N	NA	NA	NS	N	N	N
USA, Indiana	N	Y	NA	NS	NS	NS	N	N	N
USA, Iowa	N	Y	NA	N	NA	NA	N	N	N
USA, Kentucky	Y	Y	N	Y	NA	N	N	N	N
USA, Louisiana	N	N	N	NA	NA	N	N	N	N
USA, Louisiana, New Orleans	N	N	N	NA	NA	N	N	N	N
USA, Maine	N	Y	N	Y	N	N	N	N	N
USA, Massachusetts	N	Y	N	NA	NA	N	N	N	N
USA, Michigan	N	Y	N	NA	NA	NA	N	N	N
USA, Michigan, Detroit	N	Y	NA	N	NA	NA	N	N	N
USA, Missouri	Y	NS	N	NA	NA	NS	N	N	N
USA, Montana	N	Y	N	N	N	N	N	N	N
USA, New Jersey	N	Y	N	N	NA	NA	N	N	N
USA, New Mexico	N	N	N	N	N	N	N	N	N
USA, New York State	N	N	N	N	NA	N	N	N	N
USA, NPCR									

Table 3.4b Coding practices: Recoded to behaviour /3

	Carcinoma of bladder, *in situ*	Carcinoma of bladder NOS	Benign tumours of brain and nervous system	Borderline tumour, uns. and unk. behaviour of ovary	Borderline tumour, uns. and unk. behaviour of endometrium	Borderline tumour, uns. and unk. behaviour of brain	Ductal carcinoma *in situ* of breast	Intraduct carcinoma NOS of breast	Lobular carcinoma *in situ* of breast
USA, Ohio	N	Y	N	NA	NA	NS	N	N	N
USA, Oklahoma	N	N	N	N	N	N	N	N	N
USA, Oregon	N	NS	NA	NA	NA	NA	N	N	N
USA, Pennsylvania	N	Y	N	NA	NA	NS	N	Y	N
USA, Rhode Island	N	Y	N	N	N	N	N	Y	N
USA, SEER	Y	Y	N	NS	NA	N	N	N	N
USA, South Carolina	NS	Y	NA	NS	NS	NA	NS	NS	NS
USA, Texas	N	Y	N	N	N	N	N	N	N
USA, Utah	N	Y	N	NA	NA	NA	N	N	N
USA, Vermont	N	Y	N	NA	NA	N	N	N	N
USA, Washington	N	Y	N	NA	NA	N	N	N	N
USA, Washington, Seattle	N	Y	N	N	NA	N	N	N	N
USA, West Virginia	N	NS	N	NA	NA	N	N	NS	N
USA, Wisconsin	Y	N	Y	Y	NA	NA	N	Y	N
Asia									
Bahrain	N	Y	N	N	N	N	N	N	N
China, Guangzhou	NA	Y	Y	NA	NA	Y	N	N	N
China, Hong Kong	N	Y	N	Y	Y	N	N	N	N
China, Jiashan	N	Y	N	NA	NA	N	N	Y	N
China, Nangang District, Harbin City	N	Y	Y	N	N	Y	N	Y	Y
China, Shanghai	N	N	Y	N	N	Y	N	N	N
China, Zhongshan	N	Y	N	N	N	N	N	N	N
Cyprus	N	Y	N	N	N	N	N	N	N
India, Chennai (Madras)	N	Y	N	N	N	NA	N	N	N
India, Karunagappally	N	Y	N	N	N	N	N	N	N
India, Mumbai (Bombay)	N	Y	N	N	N	N	N	N	N
India, Nagpur	N	Y	N	N	N	N	N	N	N
India, New Delhi	NA	Y	NA	Y	Y	Y	NA	Y	NA
India, Poona	N	Y	N	N	N	N	N	N	N
India, Trivandrum	N	Y	N	NA	NA	NA	N	N	N

Table 3.4b Coding practices: Recoded to behaviour /3

	Carcinoma of bladder, *in situ*	Carcinoma of bladder NOS	Benign tumours of brain and nervous system	Borderline tumour, uns. and unk. behaviour of ovary	Borderline tumour, uns. and unk. behaviour of endometrium	Borderline tumour, uns. and unk. behaviour of brain	Ductal carcinoma *in situ* of breast	Intraduct carcinoma NOS of breast	Lobular carcinoma *in situ* of breast
Israel	NS	NS	NS	NS	NS	NS	NS	NS	NS
Japan, Aichi Prefecture	N	Y	NA	Y	Y	NA	N	N	N
Japan, Fukui Prefecture	Y	Y	NA	NA	NA	NA	N	N	N
Japan, Hiroshima	N	Y	NS	N	Y	NS	N	Y	N
Japan, Miyagi Prefecture	N	Y	N	Y	Y	N	N	N	N
Japan, Nagasaki Prefecture	N	Y	N	N	N	N	N	N	N
Japan, Osaka Prefecture	N	Y	N	NA	NA	N	N	N	N
Japan, Yamagata Prefecture	N	Y	NA	NA	NA	NA	N	N	N
Korea	N	N	N	N	N	N	N	N	N
Korea, Busan	N	N	N	N	N	N	N	N	N
Korea, Daegu	N	Y	N	N	N	N	N	N	N
Korea, Daejeon	N	N	N	N	N	N	N	N	N
Korea, Gwangju	NA	Y	NA	Y	NA	NA	NA	NA	NA
Korea, Incheon	N	N	N	N	N	N	N	N	N
Korea, Jejudo	N	N	N	N	N	N	N	N	N
Korea, Seoul	N	Y	N	N	N	N	N	N	N
Korea, Ulsan	N	Y	N	N	N	N	N	Y	N
Kuwait	Y	Y	NA	NS	NS	NS	Y	Y	Y
Malaysia, Penang	N	Y	N	N	N	N	N	Y	N
Malaysia, Sarawak	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oman	N	Y	N	N	N	N	N	N	N
Pakistan, South Karachi	N	N	N	Y	N	N	N	N	N
Philippines, Manila	N	Y	N	N	N	N	N	N	N
Singapore	N	Y	N	N	N	N	N	N	N
Thailand, Chiang Mai	N	Y	NA	Y	Y	Y	N	Y	N
Thailand, Lampang	N	Y	N	N	N	N	N	Y	N
Thailand, Songkhla	N	Y	N	N	N	N	N	N	N
Turkey, Antalya	N	N	N	N	N	N	N	N	N
Turkey, Izmir	N	N	N	N	N	N	N	N	N

Table 3.4b Coding practices: Recoded to behaviour /3

	Carcinoma of bladder, *in situ*	Carcinoma of bladder NOS	Benign tumours of brain and nervous system	Borderline tumour, uns. and unk. behaviour of ovary	Borderline tumour, uns. and unk. behaviour of endometrium	Borderline tumour, uns. and unk. behaviour of brain	Ductal carcinoma *in situ* of breast	Intraduct carcinoma NOS of breast	Lobular carcinoma *in situ* of breast
Europe									
Austria	N	Y	NA	Y	NA	NA	N	Y	N
Austria, Tyrol	N	Y	NA	Y	Y	NS	N	N	N
Austria, Vorarlberg	N	Y	N	N	N	N	N	N	N
Belarus	N	Y	NA	NA	NA	NA	N	N	N
Belgium, Antwerp	N	Y	N	NA	NA	N	N	Y	N
Belgium, Flanders	N	N	N	N	N	N	N	N	N
Bulgaria	N	Y	N	N	N	N	N	N	N
Croatia	NA	Y	N	NA	NA	N	N	N	N
Czech Republic	N	N	N	NS	NS	NS	NS	NS	NS
Denmark	Y	Y	Y	N	N	Y	Y	Y	N
Estonia	N	Y	N	Y	NA	N	N	N	N
Finland	N	Y	N	N	N	N	N	N	N
France, Bas-Rhin	N	N	N	N	N	N	N	N	N
France, Calvados	N	N	N	N	N	N	N	N	N
France, Doubs	N	N	N	NS	NA	NA	NS	NS	NS
France, Haut-Rhin	N	Y	N	N	N	N	N	N	N
France, Hérault	N	N	N	N	NA	N	N	N	N
France, Isère	N	N	N	N	N	N	N	N	N
France, Loire-Atlantique	NA	N	NA	NA	NA	NA	NA	NA	NA
France, Manche	N	N	N	N	N	N	N	N	N
France, Somme	Y	Y	NA	N	N	NA	N	N	N
France, Tarn	N	N	N	Y	N	N	N	N	N
France, Vendée	NA	Y	NA	NA	NA	NA	NA	NA	NA
Germany, Brandenburg	N	Y	NA	N	N	N	N	N	N
Germany, Free State of Saxony	N	Y	NA	N	N	N	N	N	N
Germany, Hamburg	Y	Y	NA	N	NA	NA	N	N	N
Germany, Mecklenburg-Western Pomerania	N	Y	NA	N	N	N	N	N	N
Germany, Munich	Y	Y	N	N	N	N	N	N	N
Germany, North Rhine-Westphalia: Münster	N	N	N	N	N	N	N	Y	N

Table 3.4b Coding practices: Recoded to behaviour /3

	Carcinoma of bladder, *in situ*	Carcinoma of bladder NOS	Benign tumours of brain and nervous system	Borderline tumour, uns. and unk. behaviour of ovary	Borderline tumour, uns. and unk. behaviour of endometrium	Borderline tumour, uns. and unk. behaviour of brain	Ductal carcinoma *in situ* of breast	Intraduct carcinoma NOS of breast	Lobular carcinoma *in situ* of breast
Germany, Saarland	N	N	NA	N	N	N	N	N	N
Iceland	N	Y	N	N	NA	N	N	N	N
Ireland	N	N	N	N	N	N	N	N	N
Italy, Biella Province	N	N	N	N	N	N	N	N	N
Italy, Brescia Province	N	Y	N	Y	N	N	N	N	N
Italy, Ferrara Province	N	N	NA	NA	NA	NA	N	N	N
Italy, Florence and Prato	N	N	N	N	N	N	N	N	N
Italy, Genoa Province	N	Y	N	N	N	N	NS	NS	NS
Italy, Macerata Province	NA	Y	NA	NA	NA	NA	NA	NA	NA
Italy, Milan	N	Y	N	N	N	Y	N	N	N
Italy, Modena Province	N	N	NA	N	NA	NA	N	N	N
Italy, Naples	N	N	N	N	N	N	N	N	N
Italy, North East	N	N	N	N	N	Y	N	N	N
Italy, Parma Province	N	Y	N	NA	NA	N	N	N	N
Italy, Ragusa Province	N	N	N	N	N	N	N	N	N
Italy, Reggio Emilia Province	Y	NS	N	N	NA	NS	N	N	N
Italy, Romagna Region	N	Y	N	N	N	N	N	N	N
Italy, Salerno Province	N	Y	NA	NA	NA	NA	N	N	N
Italy, Sassari Province	N	N	N	Y	NA	N	N	N	N
Italy, Sondrio	N	N	N	N	N	N	N	N	N
Italy, Syracuse Province	NA	NA	NA	NA	NA	NA	NA	NA	NA
Italy, Torino	N	N	NA	N	N	N	N	N	N
Italy, Umbria Region	Y	Y	N	N	NA	N	N	N	N
Italy, Varese Province	N	Y	N	Y	Y	N	N	N	N
Italy, Veneto Region	N	Y	N	N	N	N	N	N	N
Latvia	N	Y	NA	Y	N	NA	N	N	N
Lithuania	NS	NS	NS	NS	NS	NS	NS	NS	NS
Malta	N	N	N	NS	N	N	N	N	N
The Netherlands	N	N	N	N	NS	N	N	N	N
The Netherlands, Eindhoven	N	NA	NS	NS	NS	NS	NS	NS	NS
The Netherlands, Maastricht	N	N	N	N	N	N	N	N	N

Table 3.4b Coding practices: Recoded to behaviour /3

	Carcinoma of bladder, *in situ*	Carcinoma of bladder NOS	Benign tumours of brain and nervous system	Borderline tumour, uns. and unk. behaviour of ovary	Borderline tumour, uns. and unk. behaviour of endometrium	Borderline tumour, uns. and unk. behaviour of brain	Ductal carcinoma *in situ* of breast	Intraduct carcinoma NOS of breast	Lobular carcinoma *in situ* of breast
Norway	N	N	N	N	N	N	N	N	N
Poland, Cracow	N	N	N	N	N	N	N	N	N
Poland, Kielce	N	N	N	NS	NS	NS	NS	NS	NS
Poland, Warsaw City	N	Y	N	N	N	N	N	N	N
Portugal, Porto	NS	NS	NS	NS	NS	NS	NS	NS	NS
Portugal, South Regional	N	Y	N	NS	NS	NS	Y	Y	Y
Russia, St Petersburg	N	Y	Y	Y	Y	Y	N	Y	N
Serbia	N	N	N	N	N	N	N	N	N
Slovak Republic	Y	Y	Y	N	N	N	Y	Y	Y
Slovenia	N	Y	N	N	NA	N	N	N	NS
Spain, Albacete	N	Y	N	N	N	N	N	N	N
Spain, Asturias	N	N	N	N	N	N	N	N	N
Spain, Basque Country	N	Y	N	N	NA	N	N	N	NS
Spain, Canary Islands	N	Y	N	Y	N	N	N	N	N
Spain, Cuenca	Y	Y	N	N	N	N	N	N	N
Spain, Girona	N	Y	N	N	N	N	N	N	N
Spain, Granada	N	Y	NA	N	NA	N	NA	NA	NA
Spain, Murcia	N	Y	NA	NA	NA	NA	N	N	N
Spain, Navarra	N	Y	N	NA	NA	N	N	N	N
Spain, Tarragona	N	Y	N	NA	NA	N	N	N	N
Spain, Zaragoza	NA	NA	N	NA	NA	N	NA	NA	NA
Sweden	N	N	N	N	N	N	N	N	N
Switzerland, Geneva	N	Y	N	N	N	N	N	N	N
Switzerland, Graubünden and Glarus	N	Y	NS	N	NS	N	N	Y	N
Switzerland, Neuchâtel	N	N	N	N	N	N	N	N	N
Switzerland, St Gall-Appenzell	N	Y	NS	N	N	N	N	Y	N
Switzerland, Ticino	N	Y	N	N	NS	NS	N	N	N
Switzerland, Valais	N	N	N	NA	NA	NS	NS	NS	NS
Switzerland, Vaud	N	N	N	N	N	N	N	N	N
UK, England, East of England Region	N	N	N	NS	NS	NS	N	N	N
UK, England, Merseyside and Cheshire	N	Y	N	N	N	N	N	N	N

Table 3.4b Coding practices: Recoded to behaviour /3

	Carcinoma of bladder, *in situ*	Carcinoma of bladder NOS	Benign tumours of brain and nervous system	Borderline tumour, uns. and unk. behaviour of ovary	Borderline tumour, uns. and unk. behaviour of endometrium	Borderline tumour, uns. and unk. behaviour of brain	Ductal carcinoma *in situ* of breast	Intraduct carcinoma NOS of breast	Lobular carcinoma *in situ* of breast
UK, England, North Western	N	Y	N	N	N	N	N	N	N
UK, England, Northern and Yorkshire	N	Y	N	Y	N	N	N	N	N
UK, England, Oxford Region	N	N	N	N	N	N	N	Y	N
UK, England, South and Western Regions	N	N	N	NS	N	N	N	N	N
UK, England, Thames	N	Y	N	NS	NS	NS	N	N	N
UK, England, Trent	N	Y	N	Y	N	N	N	N	N
UK, England, West Midlands	N	Y	N	Y	N	N	N	N	N
UK, Northern Ireland	N	Y	N	NS	N	N	N	N	N
UK, Scotland	NS	NS	NS	Y	N	N	N	N	N
Oceania									
Australian Capital Territory	NA	NA	NA	NA	NA	NA	NS	NS	NS
Australia, New South Wales	NA	NA	NA	NA	NA	NA	NS	NS	NS
Australia, Northern Territory	N	Y	NA	NA	NA	NA	N	N	N
Australia, Queensland	N	Y	N	N	N	N	N	N	N
South Australia	N	N	NA	NA	NA	NA	N	N	N
Australia, Tasmania	N	NS	N	N	N	N	N	N	N
Australia, Victoria	N	Y	N	N	N	N	N	N	N
Western Australia	N	Y	N	N	N	N	N	N	N
French Polynesia	NA	Y	NA	NA	NA	NA	NA	NA	NA
New Zealand	N	Y	NA	Y	NA	NA	N	N	NA
USA, Hawaii	N	Y	NA	NS	NS	NA	N	N	N

NS, not stated

NA, not applicable (not recorded)

Chapter 4: Histological groups

L. Egevad, M. Heanue, D. Berney, K. Fleming, J. Ferlay

Background

The data presented in this edition of *Cancer Incidence in Five Continents* (CI5) are mainly organised according to anatomical site. However, for some sites, the histological type of cancer is particularly relevant clinically and epidemiologically. For practical reasons, detailed data on every available morphological entity cannot be presented or used for longitudinal and geographic comparisons. In the latest editions of CI5, edition VII (Parkin *et al*., 1997) and VIII (Parkin *et al*., 2002), these data were grouped according to histological types as defined in *Histological Groups for Comparative Studies* (Parkin *et al*., 1998), based on the second edition of *International Classification of Diseases for Oncology* (ICD-O-2) (Percy *et al*., 1990). Since then, the second edition has been followed by the third edition (ICD-O-3) (Fritz *et al*., 2000). Furthermore, some cancer classifications have been revised, e.g. through the third edition of the *WHO Classification of Tumours*. Consequently, there was a need to update the Histological Groups for Comparative Studies, and the revised version is presented in this chapter.

General structure

The main structure of the histological grouping is that specific types of malignant neoplasms are listed as well as Unspecified malignant neoplasms (Unspecified cancer in the previous edition), i.e. malignant tumours that are so poorly differentiated that we are unable to classify them in major groups such as carcinoma or sarcoma. Neoplasms that have a specific morphology but are too unusual to be listed among the specific types of malignant neoplasms are lumped under Other specified malignant neoplasm (Other specified cancer in the previous edition). Similarly, under Carcinoma, specific cancer subtypes such as Squamous cell carcinoma and Adenocarcinoma are listed as well as Unspecified carcinoma, i.e. carcinomas that are so poorly differentiated that we are unable to classify them according to histogenetic subtype, while it is still possible to distinguish them from non-epithelial malignant neoplasms such as sarcoma. Morphological codes are listed under the specific types of neoplasms (or carcinoma) and under Unspecified malignant neoplasms (or carcinoma). The remaining codes of neoplasia (or carcinoma) will then automatically be assigned to the Other specified malignant neoplasm (or carcinoma) group.

Sites

For inclusion as a histological group, a cancer type has to be sufficiently common at the site and clinically and epidemiologically relevant. The following 15 sites are included: oesophagus, anus, liver, lung, bone, skin, cervix, corpus uteri, ovary, testis, kidney/renal pelvis, urinary bladder, eye, central nervous system and thyroid, together with the haematological system. Some major cancer sites such as breast and prostate were not included because the vast majority of malignant neoplasms at these sites are adenocarcinomas, and the coding of subtypes of these is not consistent. Compared to the previous edition of *Histological Groups for Comparative Studies*, the anus and skin have been added. The kidney was combined with the renal pelvis because some urothelial carcinomas originating from the renal pelvis are site coded as kidney cancers while others are coded as renal pelvis cancers. Hodgkin disease and leukaemias were lumped together in the haematological system.

Types of neoplasms that are included

The CI5 data include all invasive malignant neoplasms and some non-invasive malignant neoplasms. For most morphology codes, a fifth digit /1 or /2 automatically excludes the data entry. Carcinoma *in situ* is reported to many cancer registries, but is generally not dealt with in this volume, with the exception of urothelial carcinoma *in situ*. A few lesions of borderline malignancy are included, such as low-grade non-invasive papillary transitional cell tumours, which are now designated as Papillary urothelial neoplasia of low malignant potential, PUNLMP (8130/1). Flat carcinoma *in situ* of urothelium (8120/2) and PUNLMP (8130/1, 8130/2) have been grouped with Transitional cell carcinoma in this edition. As the skin has been added to the sites, Basal cell carcinoma is reported as a separate group although many cancer registries do not have statistics on them. Within the 15 tumour sites presented, there are no cases of mesothelioma (ICD-O M905_), Kaposi sarcoma (9140), lymphoma or leukaemia (9590-9989), as these cancers have their own specific ICD-10 codes and are presented separately in the volume.

Morphology codes

Grouping of morphological codes presents several difficulties. The ICD-O system is based on separate site (topography) and morphology (histology) codes that can be combined. Inevitably, in registry data morphology codes may mistakenly have been combined with codes for sites where these entities do not occur or have not been reported yet. Some morphology codes are redundant, i.e. multiple codes can be applied for the same tumour. Other codes are obsolete, i.e. the entities have been renamed or deleted in later revisions of tumour classifications. A major difficulty is the variation in coding precision (specific codes for tumour subtypes vs. comprehensive codes for broad categories such as adenocarcinoma), which limits the utility of detailed codes. An example of this is the kidney tumours where renal cell carcinomas are often coded as renal cell carcinoma, NOS (8312) or adenocarcinoma, NOS (8140), while others are subtyped. Therefore, all of these carcinomas of the kidney are grouped together in this chapter.

Some specified cancer types occur in several organs, but may have different clinical behaviour depending on site of origin. For most sites adenosquamous carcinoma (8560) and mucoepidermoid carcinoma (8430) are included in Other specified carcinoma. An exception is corpus uteri (C54) where these are included in Adenocarcinoma because they are supposed to have similar biology (Zaino *et al*., 1988). Furthermore, squamous differentiation is very common in Endometrioid carcinoma, which makes it difficult to separate between these tumours. Another example is metaplastic carcinoma (8575), which is generally included under Other specified carcinoma. However, for the corpus uteri, it is grouped with Other specified neoplasm because metaplastic carcinoma is considered equivalent with carcinosarcoma on this site (Silverberg *et al*., 1990).

Unspecified carcinoma includes tumours that are coded as Carcinoma NOS, but also some descriptive diagnoses of poorly differentiated cancers. These tumours can be recognised as carcinomas but are too undifferentiated to be further classified according to their histogenetic origin. This group generally includes the morphology codes 8010-8035. An exception is lung tumours,

where Large cell carcinoma is a separate entity in the WHO classification and includes 8010-8012, 8014-8031 and 8035 (Travis *et al*., 2004). The thyroid is another exception where Anaplastic carcinoma also is a specific entity in the WHO classification and includes the morphology codes 8020-8035 (Delellis *et al*., 2004).

Some tumours are evidently miscoded in cancer registry data, because their incidence is far higher than expected. Papillary carcinomas NOS (8050) are listed under Squamous cell neoplasm in ICD-O-3. When used for bladder tumours, most of them are probably miscoded urothelial carcinomas rather than papillary squamous cell carcinomas, and therefore included in the Transitional cell carcinoma group. In the thyroid, it can be assumed that carcinomas that have been assigned the morphology code 8050 are actually papillary carcinomas of the thyroid, and they are therefore included in that category. In the kidney it can be assumed that a majority of tumours with the morphology code 8050 are miscoded papillary renal cell carcinomas, and they are consequently grouped with the Renal cell carcinoma group.

Oesophagus (C15)

Adenocarcinoma excludes Linitis plastica (8142), which occurs in gastric epithelium. Squamous cell carcinomas includes basaloid squamous cell carcinoma (8083). The principal cancers in the Other specified carcinoma group are Small cell carcinomas (8041-8045). Melanoma and Carcinosarcoma are included among Other specified malignant neoplasms.

1	Carcinoma	8010-8576
1.1	Squamous cell carcinoma	8050-8078, 8083-8084
1.2	Adenocarcinoma	8140-8141, 8143-8145, 8190-8231, 8260-8263, 8310, 8401, 8480-8490, 8550-8551, 8570-8574, 8576
1.3	Other specified carcinoma	
1.4	Unspecified carcinoma	8010-8035
2	Sarcoma	8800-8811, 8830, 8800-8811, 8830, 8840-8921, 8990-8991, 9040-9044, 9120-9133, 9150, 9540-9581
3	Other specified malignant neoplasm	
4	Unspecified malignant neoplasm	8000-8005

Anus (C21)

The category Squamous cell carcinoma includes basaloid and cloacogenic carcinomas (8123-8124) and basaloid squamous cell carcinomas (8083). Cloacogenic carcinoma is a controversial entity, sometimes defined as carcinoma arising from the anal transition zone, sometimes as a morphological variant of squamous cell carcinoma. The term basaloid carcinoma has also been used to designate this group of tumours. Their reported incidence is highly variable, possibly because of the confusing nomenclature. Hence, these tumour types are lumped together with Squamous cell carcinoma.

1	Carcinoma	8010-8576
1.1	Squamous cell carcinoma	8050-8076,8083-8084, 8123-8124
1.2	Adenocarcinoma	8140-8145,8190-8231, 8260-8263,8310,8401, 8480-8490,8550-8551, 8570-8574, 8576
1.3	Other specified carcinoma	
1.4	Unspecified carcinoma	8010-8011
2	Melanoma	8720-8790
3	Other specified malignant neoplasm	8800-8811, 8830, 8840-8920, 8990-8991, 9040-9044, 9120-9133, 9150, 9540-9581
4	Unspecified malignant neoplasm	8000-8005

Liver (C22)

Hepatocellular carcinoma includes hepatoid carcinoma (8576), assuming that these are miscoded Hepatocellular carcinomas. The category Cholangiocarcinoma applies to all primary carcinomas of the liver of biliary epithelial type, i.e. excluding hepatocellular carcinoma and combined hepatocellular and cholangiocarcinoma. Klatskin tumours (8162) are excluded because they are by definition extrahepatic. Combined hepatocellular and cholangiocarcinomas (8180), with less than 1% of cancers of known histology in the *Cancer Incidence in Five Continents* Vol. IX database, appear in the Other specified carcinoma category. Carcinoid is included in the same group.

1	Carcinoma	8010-8576
1.1	Hepatocellular carcinoma	8170-8176
1.2	Cholangiocarcinoma (all intrahepatic biliary carcinomas, i.e. all primary adenocarcinomas)	8050, 8140-8141, 8160-8161, 8260, 8440, 8480-8500, 8570-8572
1.3	Other specified carcinoma	
1.4	Unspecified carcinoma	8010-8035
2	Hepatoblastoma	8970
3	Sarcoma	
3.1	Haemangiosarcoma	9120-9133, 9161
3.2	Other sarcomas	8800-8811, 8830, 8840-8921, 8990-8991, 9040-9044, 9150, 9170, 9540-9581
4	Other specified malignant neoplasm	
5	Unspecified malignant neoplasm	8000-8005

Lung (C34)

Squamous cell carcinoma includes papillary carcinoma NOS (8050) because these are listed under Squamous cell neoplasms in ICD-O-3. Adenocarcinoma includes bronchiolo-alveolar adenocarcinoma (8250-8254) but excludes adenoid cystic (8200), mucoepidermoid (8430) and adenosquamous carcinoma (8560), which appear in Other specified carcinoma. Small cell carcinoma includes neuroendocrine carcinoma NOS (8246). These may include some large cell neuroendocrine carcinomas, but it is assumed that the vast majority of cancers that are coded 8246 are small cell carcinomas. Large cell carcinoma includes cancers so described (8012), as well as other morphological variants of undifferentiated carcinomas (except those with neuroendocrine or spindle cell differentiation) and clear cell adenocarcinoma (8310). Other specified carcinoma includes non-small cell carcinoma (8046), carcinoid tumours (8240-8245), adenoid cystic (8200), mucoepidermoid (8430), adenosquamous (8560) and large cell neuroendocrine carcinomas (8013).

1	Carcinoma	8010-8576
1.1	Squamous cell carcinoma	8050-8078, 8083-8084
1.2	Adenocarcinoma	8140, 8211, 8230-8231, 8250-8260, 8323, 8480-8490, 8550-8551, 8570-8574, 8576
1.3	Small cell carcinoma	8041-8045, 8246

1.4	Large cell carcinoma (include giant cell, clear cell and large cell undifferentiated carcinoma)	8010-8012,8014-8031, 8035, 8310
1.5	Other specified carcinoma	
2	Sarcoma	8800-8811, 8830, 8840-8921, 8990-8991, 9040-9044, 9120-9133, 9150, 9540-9581
3	Other specified malignant neoplasm	
4	Unspecified malignant neoplasm	8000-8005

Bone (C40-41)
The main categories are Osteosarcoma, Chondrosarcoma and Ewing sarcoma. These three groups contain the same ICD-O entities as groups VIII A-C in the *International Classification of Childhood Cancer, Third Edition* (Steliarova-Foucher *et al.*, 2005). The Other specified sarcomas category includes epithelioid sarcoma (8804), fibrosarcoma (8810-8812), malignant fibrous histiocytoma (8830), liposarcomas (8850-8858), angiosarcomas (9120-9133) and malignant giant cell tumours (9250). The Other specified malignant neoplasm category includes desmoplastic small round cell tumour (8806), mesenchymoma (8990), chordoma (9370-9372), adamantinomas (9261, 9310) and PNET (9473).

1	Sarcoma	8800-8921, 9040-9044, 9120-9133, 9150, 9180-9250, 9260, 9540-9581
1.1	Osteosarcoma	9180-9200
1.2	Chondrosarcoma	9210-9243
1.3	Ewing sarcoma	9260
1.4	Other specified sarcomas	
1.5	Unspecified sarcoma	8800-8803, 8805
2	Other specified malignant neoplasm	
3	Unspecified malignant neoplasm	8000-8005

Skin (C43-44)
The skin has been added since the last edition of *Histological Groups for Comparative Studies*. Basal cell carcinoma is registered and reported by several cancer registries and has thus been included.

1	Carcinoma	8010-8576
1.1	Squamous cell carcinoma	8050-8078, 8083-8084
1.2	Basal cell carcinoma	8090-8098
1.3	Other specified carcinoma	
1.4	Unspecified carcinoma	8010-8035
2	Melanoma	8720-8790
3	Other specified malignant neoplasm	
4	Unspecified malignant neoplasm	8000-8005

Cervix uteri (C53)
Mucoepidermoid carcinoma (8430) and adenosquamous carcinomas (8560) are included with Other specified carcinoma. The Other specified malignant neoplasm category includes mullerian mixed tumour (8950), carcinosarcoma (8980) and melanoma (8720-8790).

1	Carcinoma	8010-8380, 8382-8576
1.1	Squamous cell carcinoma	8050-8078, 8083-8084
1.2	Adenocarcinoma	8140-8141, 8190-8211, 8230-8231, 8260-8263, 8310, 8380, 8382-8384, 8440-8490, 8570-8574, 8576
1.3	Other specified carcinoma	
1.4	Unspecified carcinoma	8010-8035
2	Sarcoma	8800-8811,8830, 8840-8921, 8990-8991, 9040-9044, 9120-9133, 9150, 9540-9581
3	Other specified malignant neoplasm	
4	Unspecified malignant neoplasm	8000-8005

Corpus uteri (C54)
Squamous cell carcinomas are grouped with Other specified carcinoma because of their rarity at this site. Contrary to other sites, mucoepidermoid (8430) and adenosquamous carcinoma (8560) are included in Adenocarcinoma because squamous differentiation is very common in adenocarcinoma of the corpus uteri, and it is assumed that partial squamous differentiation does not change the behaviour of these neoplasms. As opposed to other sites, metaplastic carcinoma (8575) is grouped with Other specified malignant neoplasm in the corpus uteri because metaplastic carcinoma of the endometrium has been equated with carcinosarcoma. Endometrioid adenofibroma, malignant (8381) is classified as Other specified malignant neoplasm.

1	Carcinoma	8010-8574, 8576
1.1	Adenocarcinoma (include mucoepidermoid and adenosquamous carcinoma)	8140-8141, 8190-8211, 8230-8231, 8260-8263, 8310, 8380, 8382-8384, 8430, 8440-8490, 8510, 8560, 8570-8574, 8576
1.2	Other specified carcinoma	
1.3	Unspecified carcinoma	8010-8035
2	Sarcoma	8800-8811, 8830, 8840-8921, 8990-8991, 9040-9044, 9120-9133, 9150, 9540-9581
3	Other specified malignant neoplasm	
4	Unspecified malignant neoplasm	8000-8005

Ovary (C56)
The first four carcinomas correspond to malignant serous, mucinous, endometrioid and clear cell tumours. Among the carcinomas not encompassed within these four groups, there are various adenocarcinomas that cannot with certainty be allocated to any of the above groups, and are hence included in Adenocarcinoma, NOS. In this category are grouped papillary adenocarcinoma (8260), cystadenocarcinoma (8440) and other variants of adenocarcinoma. Within adenocarcinoma, NOS, there are most likely a substantial number of tumours that actually belong to categories 1.1-1.4. Truly unclassified adenocarcinomas of the ovary are uncommon. Sex cord/stromal tumours have their own group. Germ cell tumours include dysgerminomas, embryonal carcinomas and teratomas, as well as the rare carcinoid tumours of the ovary, and the very rare gonadoblastomas. Lipid cell tumours, malignant Brenner tumours and sarcomas are very rare and are consigned to Other specified malignant neoplasm.

1	Carcinoma	8010-8231, 8246-8576, 9014-9015, 9110
1.1	Serous carcinoma	8441, 8460-8463, 9014
1.2	Mucinous carcinoma	8470-8490, 9015
1.3	Endometrioid carcinoma	8380-8383, 8560, 8570
1.4	Clear cell carcinoma	8310-8313, 9110
1.5	Adenocarcinoma NOS	8140-8147, 8170-8190, 8211-8231, 8260, 8384, 8440, 8576
1.6	Other specified carcinoma	
1.7	Unspecified carcinoma	8010-8035
2	Sex cord-stromal tumours	8590-8671
3	Germ cell tumours	8240-8245, 9060-9102
4	Other specified malignant neoplasm (include Mullerian mixed tumour, carcinosarcoma)	
5	Unspecified malignant neoplasm	8000-8005

Testis (C62)
The grouping of the testicular tumours has been completely revised. Spermatocytic seminoma has a more favourable prognosis than seminoma, and these tumours should not be grouped. Embryonal carcinoma, malignant teratoma, Yolk sac tumour, choriocarcinoma and mixed germ cell tumours are included in non-seminomatous germ cell tumours. Sex cord-stromal tumours are included in Other specified malignant neoplasm.

1	Germ cell tumours	9060-9102
1.1	Seminoma	9060-9062, 9064
1.2	Spermatocytic seminoma	9063
1.3	Non-seminomatous germ cell tumours	9065-9102
2	Other specified malignant neoplasm	
3	Unspecified malignant neoplasm	8000-8005

Kidney (C64) and Renal Pelvis (C65)
There are several major difficulties with the histological grouping of kidney tumours. Transitional cell and squamous carcinomas in the kidney usually originate from the renal pelvis, although it may be difficult to trace the origin of the tumour. It can be assumed that some of these are site coded kidney (C64) and others renal pelvis (C65). Hence, these two sites are now grouped.
Renal cell carcinomas have recently undergone a reclassification based on molecular, cytogenetic, morphological and clinical data. However, a substantial portion of these tumours are coded as renal cell carcinoma, NOS (8312) or adenocarcinoma, NOS (8140), while others are subtyped. Therefore, the renal cell carcinomas are grouped together with adenocarcinoma, NOS (8140), specific subtypes of renal cell carcinoma and also obsolete entities such as granular cell carcinoma (8320). Papillary carcinoma, NOS (8050) is listed under squamous cell neoplasm in ICD-O-3. When used for renal tumours most of these are probably miscoded papillary renal carcinomas, and are therefore included in 1.2.

1	Carcinoma	8010-8576
1.1	Squamous, transitional cell carcinoma	8051-8084, 8120-8122, 8130-8131
1.2	Renal cell carcinoma	8050, 8140, 8260, 8270, 8280-8312, 8316-8320, 8340-8344
1.3	Other specified carcinoma	
1.4	Unspecified carcinoma	8010-8035
2	Other specified malignant neoplasm	
3	Unspecified malignant neoplasm	8000-8005

Urinary bladder (C67)
The classification of urinary bladder tumours has undergone several revisions in recent years. Some low-grade papillary transitional cell tumours are now designated as papillary urothelial neoplasia of low malignant potential, PUNLMP (8130/1). In order to enable longitudinal comparisons, flat carcinoma *in situ* (8120/2) and PUNLMP (8130/1, 8130/2) have been grouped with Transitional cell carcinoma.

Papillary carcinomas (NOS 8050) are listed under squamous cell neoplasm in ICD-O-3. When used for bladder tumours, most of these are probably miscoded transitional cell carcinomas, and are therefore included in the Transitional cell carcinoma group. Pheochromocytoma, malignant paraganglioma, melanoma and carcinosarcoma are included in Other specified malignant neoplasm.

1	Carcinoma	8010-8576
1.1	Squamous cell carcinoma	8051-8078, 8083-8084
1.2	Transitional cell carcinoma (include transitional cell carcinoma with squamous and/or glandular differentiation)	8050, 8120-8122, 8130-8131
1.3	Adenocarcinoma	8140-8145, 8190-8231, 8260-8263, 8310, 8401, 8480-8490, 8550-8551, 8570-8574, 8576
1.4	Other specified carcinoma	
1.5	Unspecified carcinoma	8010-8035
2	Sarcoma	8800-8811, 8830, 8840-8921, 8990-8991, 9040-9044, 9120-9133, 9150, 9540-9581
3	Other specified malignant neoplasm	
4	Unspecified malignant neoplasm	8000-8005

Eye (C69)
The principal eye cancers—retinoblastoma and malignant melanoma—form two groups. The carcinomas (11.4% of eye cancers in the IARC database) are divided into three subgroups: Squamous cell carcinomas (70% of the carcinomas, principally tumours of the conjunctiva and cornea), Other specified carcinomas (comprising almost entirely adenocarcinomas, 14.6%, and mainly originating in the lacrimal gland and duct), and Unspecified carcinoma. Squamous cell carcinomas that are site coded for the eye (C69) probably include some cancers that originate in the skin (C44) of the eyelids.

1	Retinoblastoma	9510-9513
2	Malignant melanoma	8720-8790
3	Carcinoma	8010-8576
3.1	Squamous cell carcinoma	8050-8078, 8083-8084
3.2	Other specified carcinoma	
3.3	Unspecified carcinoma	8010-8035
4	Sarcoma	8800-8811, 8830, 8840-8921, 8990-8991, 9040-9044, 9120-9133, 9150, 9540-9581

5	Other specified malignant neoplasm	
6	Unspecified malignant neoplasm	8000-8005

Brain and central nervous system (C71-C72)

The categories are based upon those of the WHO Pathology & Genetics classification (Kleihues & Webster, 1997). Atypical teratoid/rhabdoid tumour (9508) is included in Embryonal tumours. Olfactory, pineal and some pituitary tumours are lumped together under Other neuroepihelial tumours. These are craniopharyngioma (9350-9352), pinealoma, pineocytoma, pineoblastoma (9360-9362) and olfactory neuroepitheliomatous neoplasms (9520-9523). Pinealoma (9360) encompasses pineocytoma (9361) and pineoblastoma (9362). The lymphomas and haemopoietic neoplasms are not included.

1	Tumours of neuroepithelial tissue	8680, 9350-9362, 9380-9508, 9520-9523
1.1	Gliomas	9380-9384, 9391-9460
1.1.1	Astrocytic tumours	9384, 9400-9421, 9424, 9440-9442
1.1.2	Oligodendroglial tumours and mixed gliomas	9382, 9450-9451
1.1.3	Ependymal tumours	9383, 9391-9394
1.1.4	Gliomas, others	9380-9381, 9423, 9430, 9444, 9460
1.2	Embryonal tumours	9470-9474, 9490, 9500-9504, 9508
1.2.1	Medulloblastoma	9470-9472, 9474
1.2.2	Other	9473, 9490, 9500-9504, 9508
1.3	Other neuroepithelial tumours	
2	Other specified malignant neoplasm	
3	Unspecified malignant neoplasm	8000-8005

Thyroid (C73)

Follicular and Papillary carcinomas make up the majority of thyroid cancers; the latter includes follicular carcinomas with a papillary component (8340). It is assumed that the vast majority of cases of Papillary squamous carcinoma (8050) are actually papillary carcinomas, and they are therefore included in this category. Minimally invasive follicular carcinoma (8335) is a new code in ICD-O-3 and is included among Follicular carcinomas.

Squamous carcinomas are no longer recognised as a major histological type in the *WHO Classification of Tumours* and are included in Other specified carcinomas.

Anaplastic carcinomas (undifferentiated, giant cell, spindle cell carcinomas) are separated from Unspecified carcinomas. The entity Poorly differentiated carcinoma is controversial and has been lumped with Anaplastic carcinoma. Small cell carcinoma (8040-8045) is specifically excluded, since the great majority of tumours previously so diagnosed are in fact lymphomas.

Insular thyroid carcinoma (8337) is a distinctive clinicopathologic entity that has been included in Other specified carcinoma. Mixed medullary-follicular carcinoma (8346) and mixed medullary-papillary carcinoma (8347) are also included in Other specified carcinoma.

1	Carcinoma	8010-8576
1.1	Follicular carcinoma	8290, 8330-8335
1.2	Papillary carcinoma	8050, 8260, 8340-8344, 8350, 8450-8460
1.3	Medullary carcinoma	8345, 8510-8513
1.4	Anaplastic carcinoma	8020-8035
1.5	Other specified carcinoma	
1.6	Unspecified carcinoma	8010-8015
2	Sarcoma	8800-8811, 8830, 8840-8921, 8990-8991, 9040-9044, 9120-9133, 9150, 9540-9581
3	Other specified malignant neoplasm	
4	Unspecified malignant neoplasm	8000-8005

Haematopoietic and lymphoid tissues (9590-9989)

In the previous edition of *Histological Groups for Comparative Studies*, haematologic tumours were listed separately as Hodgkin disease and Leukaemias, but are now included in the same grouping based on cellular origin. Hodgkin lymphoma has been reclassified and lymphocytic predominance (9657-9659, 9660) is replaced by the new categories nodular lymphocytic predominance (9659) and classical lymphocyte-rich (9651). The category Non-Hodgkin lymphoma NOS is used because some cancer registries lack sufficiently specific data for lineage-based classification.

1	Hodgkin lymphoma	9650-9667
1.1	Nodular lymphocytic predominance	9659
1.2	Classical lymphocyte-rich	9651
1.3	Nodular sclerosis	9663-9667
1.4	Mixed cellularity	9652
1.5	Lymphocytic depletion	9653-9655
1.6	Unspecified	
2	B-cell neoplasms	9670-9699, 9728, 9731-9734, 9761-9764, 9823-9826, 9833, 9836, 9940
3	T-cell and NK-cell neoplasms	9700-9719, 9729, 9827-9831, 9834, 9837, 9948
4	Myeloid neoplasms	9840, 9860-9931, 9945-9946, 9950, 9960-9964, 9975, 9980-9989
5	Non-Hodgkin lymphoma NOS	9591
6	Other specified malignant neoplasms	
7	Unspecified malignant neoplasms	9590, 9596, 9727, 9760, 9800-9801, 9805, 9820, 9832, 9835

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Chapter 5: Comparability and quality of data

H.R. Shin, M.P. Curado, J. Ferlay, M. Heanue, B. Edwards and H. Storm

The purpose of Cancer Incidence in Five Continents is to present comparable incidence rates of cancer from different populations world-wide. The process of selecting the data to be included and the review and evaluation of the datasets by the Editors therefore require careful attention to several aspects related to comparability. As far as the cases registered (numerators of the rates) are concerned, these include:

(*a*) The definition of an incident case of cancer,

(*b*) The completeness of enumeration of cases in the population covered, and

(*c*) The accuracy of abstraction and coding of information.

In addition to these, the denominator—person-years at risk for the period under consideration—should be estimated as accurately as possible.

In this chapter we explain the evaluation of data comparability and quality undertaken by the Editors for this volume, and introduce the traditional tables of Indices of Data Quality with which the users themselves can make judgements on the completeness and validity of the different datasets.

Details of the standard definitions used by cancer registries to define an incident cancer, and the indices of comparability or validity that are found in the publication *Comparability and Quality Control in Cancer Registration* (Parkin 1994) and Chapter 5, "Comparability and quality of data" in the previous volumes (Parkin and Plummer 2002, in Volume VIII), were adopted to evaluate submissions for this volume.

In contrast to Volume VIII of *Cancer Incidence in Five Continents*, a comparison with standard values for several quantitative indices in the same region (see Chapter 5 in Volume VIII, pp. 66–67) was not executed for this volume. However, the editors tried to achieve standardization for this volume with more thorough efforts.

For Volume IX, the Editors considered these items:

(a) The number of cases in each year within the reference years 1998–2002, for the abrupt changes of number of cases by year in terms of completeness;

(b) The rates for each year, to check the tendency and stability of cancer incidence rates within the reference year;

(c) Other indices of data quality traditionally used by cancer registries, which are described later in detail;

(d) The existence and usage of official mortality data; and

(e) The coverage of the defined population.

The following Chapter 6, on Processing of Data, makes it clear that an extensive process of verifying coding, identifying possible duplicate registrations, querying unlikely or impossible combinations of codes, and converting data to a standard format has been carried out before any tabulations are prepared for editorial evaluation. These steps in validation of the data are part of the routine to which all datasets are subjected, and the successful completion of these steps forms part of the editorial evaluation.

A systematic and standard analysis according to the internal protocol at IARC produced the editorial tables and figures (listed below) that were provided to each contributor to allow an opportunity for feedback. These editorial sheets, along with the responses to the questionnaire filled by the registry and data process summary sheet were transferred to the secure FTP site. The site was subdivided into directories for each continent, country and registry. The external Editors, each assigned a continent, downloaded them for an initial review of the editorial sheets, and filled in a review summary form that was uploaded to the FTP site before the editorial meetings.

The systematic analysis produced the following:

(a) A set of editorial tables and figures including Editorial Sheets 1a (number of cancer cases) and 1b (age-standardized rates in major diagnosis groups in single calendar years of observation by sex)(Tables 5.1, 5.2), and Editorial Sheets 2a and 2b, age-specific graphs for major diagnosis groups, linear and logarithmic (Figures 5.1 and 5.2 respectively);

(b) The tables of age- and site-specific rates and summary rates (crude, age-standardized, percentage of Microscopically Verified cases (MV), and the change from the rates reported in Volume VIII (CH V8) (when available: see subsection *Comparison of rates with those in Volume VIII* in the section *Stability of incidence over time*) (Table 5.3);

(c) Other indices of data quality traditionally used for cancer registration, which are described later in detail (Table 5.4);

(d) The estimated population at risk, with the source of information as a form of population pyramid by sex and age, and the method of estimation used (population pyramids: Figure 5.3);

(e) The questionnaire responses provided by the registry; and

(f) Summary sheet to check the coding system, with applied rules for multiple primaries in the questionnaire (Figure 5.4).

At their formal meetings, the editors had access to all of the above, and each external editor reported the review result. All Editors agreed upon the final decision, and the responsible Editor filled in an evaluation form with the final decision and some queries, if necessary.

Comparability

Definition of incidence

In defining incidence rates, particular attention is required in three broad areas:

(*a*) The distinction between recurrence or extension of an existing cancer and the development of a new primary;

(*b*) The detection of cancers incidentally, in asymptomatic individuals; and

(*c*) The detection of cancers at autopsy.

Multiple primaries

Contributing registries were invited to submit all malignant and non-malignant diagnoses collected so that a common set of multiple primaries rules could be applied to each dataset. In this volume, the data were recoded (when necessary) into ICD–O–3 (Fritz *et al.*, 2000), and the international rules used to distinguish new primary cancers from existing extensions/recurrences were those set out in the IARC/IACR definitions (IARC, 2004). This also requires that all cancers in the same individual could be identified. Of the registries included in this volume, 46 did not provide a patient identification number, making it impossible for the Editors to distinguish multiple primary tumours from duplicate registrations. For those registries, the rules used prior to submission are indicated below the population pyramid of the corresponding registry.

As a result of recoding the datasets to the international standard, for those contributors who sent data already recoded according to a different set of rules, the results published in the volume do not exactly correspond to those published by the registries themselves. Table 5.5 shows the registration practices for the multiple primary rules by continent.

The second multiple primary check procedure performed at IARC may have removed some cases considered as duplicate registrations and, conversely, some records that are considered multiple primaries following the IARC/IACR rules (2004) may have been considered duplicates following the registry rules and excluded from the submission. For example, the Korea Central Cancer Registry submitted data for the period 1999–2002 according to the IARC/IACR rules (IARC, 2000). According to these rules, at least 261 cancer cases (of a total of approximately 430 000) that should have been considered multiple primaries following the IARC/IACR rules (2004) were considered duplicates by the registry and were not sent to IARC. In addition, 433 records that were considered multiple primaries by the registry were considered duplicates following the IARC/IACR (2004) rules and excluded from the final tables.

The number of cases to be removed due to duplicate cases on the basis of the 2004 rule is in fact very small, mostly affecting the number of cases from groups of tumours of the bladder, kidney and renal pelvis. Groups of haematopoietic and lymphoid tissues were changed to a more detailed classification. To compare the effect on incidence rates and time trends of certain sites, therefore, we should pay special attention to the changes in application of the multiple primary rules.

Incidental diagnosis

Almost all registries include malignant tumours diagnosed during screening programmes, or histological specimens taken from individuals in whom there were no symptoms, or no clinical suspicion of cancer. These cases will increase incidence rates if the malignant cells so identified would never have resulted in a clinical cancer had they remained undetected. The incidence of breast cancer appears to have been increased by the introduction of systematic mammographic screening for cancer. More striking, however, are the effects of such incidental diagnoses on the reported incidence of prostate cancer following the introduction of screening with prostate-specific antigen. Similarly, the increase in diagnostic activity may have influenced the incidence of thyroid cancer. Table 5.6 and 5.7 show the registration practices for using a screening program as a data source by continents.

Autopsy diagnosis

Most registries include cancers identified in necropsy examinations of subjects in whom cancer was not diagnosed (or perhaps even suspected) during life. The possible influence on incidence rates will depend upon the extent of necropsy examinations in different populations; in general this has been declining in most countries in recent decades. The registries' own appraisal of the percentage of cancer deaths autopsied is reproduced in Table 5.7.

Coding practice

For five cancer sites—skin, non-melanoma (ICD–10 C44), ovary (ICD–10 C56), urinary bladder (ICD–10 C67), brain and central nervous system (ICD–10 C70–72), and myeloproliferative disorders and myelodysplastic syndromes (MPD/MDS)—comparability is particularly affected by differences in classification and coding practices. These sites are printed in italics in the cancer registry tables, and care should be taken when comparing data from different registries for these sites.

Non-melanoma skin cancer. The incidence of non-melanoma skin cancer (NMSC) is difficult to assess. These cancers are very common but rarely fatal, and completeness of registration varies widely depending on access to outpatient records and general practitioners. Most NMSCs are basal cell (BCC) or squamous cell (SCC) carcinomas; other skin cancers are rare. While some registries record the first occurrence of all NMSC, others register BCC only, several registries collect information for lip and/or genital sites only, and many do not collect data on either SCC or BCC.

Ovarian cancer. Registries contributing to this volume were asked how they coded ovarian cystadenoma of borderline malignancy and borderline tumour of the ovary (see Chapter 3). Clearly, for these diagnoses, registration practice varies considerably. The borderline ovarian diagnoses were considered as non-malignant tumours in ICD–O–1/ICD–9. They were considered malignant in ICD–O–2/ICD–10, and have been changed back to the /1 borderline category in ICD–O–3; as a result, they have been excluded from the final tables in the present volume. Studies of trends in incidence should take into account the practice in previous volumes.

Bladder cancer. The problem of the coding of non-invasive tumours, taking into account recorded level of invasion and grade, and which to include in the tables as 'cancer of the bladder' has long been the subject of debate. In principle, the availability of data on histological type and behaviour has made it possible to publish only data on malignant cancer by excluding diagnoses with any behaviour code other than /3. However, many registries assign the behaviour code /3 to both non-invasive and unspecified diagnoses, making it impossible to distinguish such cases. The Editors decided to follow the policy adopted in the last two volumes and to accept that non-invasive diagnoses of bladder cancer (/1 and /2) are considered malignant, and the bladder cancer category includes the *in situ* and unspecified categories. A few registries preferred not to include such cases in their dataset, even when available in the registry, for the sake of continuity over time.

Brain and central nervous system. Benign and unspecified tumours of the brain and central nervous system are excluded from the tabulation. Some registries choose to include benign and unspecified tumours of the brain and central nervous system in their data because of the potentially serious clinical consequences of these tumours, and assign the behaviour code /3 to both benign and unspecified diagnoses, so making it impossible to distinguish such cases.

Myeloproliferative disorders and myelodysplastic syndromes. Unlike ovarian borderline tumours, these diagnoses that were considered as non-malignant disease (/1) in ICD–O–2 and in ICD–10 (D45–D47) have changed behaviour code to malignant (/3) in ICD–O–3. Only registries that collect information according to ICD–O–3, or those registries which have collected and submitted such cases although they were considered as non-malignant, can present data. Because no ICD–10 codes in the 'C' (malignant) category have been allocated to them, they are presented under the category MPD/MDS.

Completeness

Completeness of registration is the proportion of all incident cases in the registry population that have been included in the registry database. Completeness should be as close to 100% as possible, so that comparison of incidence rates between registries reflects true differences in cancer risk.

The Editors' main concern is with the possibility of incompleteness in the data submitted. *Duplicate registration* of the same case should be avoided by careful attention to record linkage during the registration process. Because the case lists submitted do not contain personal identifying information, it is impossible for the Editors to check for possible duplicates. However, sometimes the existence of duplicate registration was suspected, e.g. by indices of completeness (see below) being

higher than expected, and listings of possible duplicates (based on birthdate, sex, diagnosis and date of incidence) were returned to the registry for checking.

The following indices of completeness are routinely used during the editorial process:

(1) Historic data methods:
  (*a*) Stability of incidence rates over time
  (*b*) Age-specific incidence curves
  (*c*) Childhood cancer
(2) Proportion of cases microscopically verified
(3) Proportion of unknown basis of diagnosis
(4) Mortality:incidence (M:I) ratio
(5) Death certificate methods

Stability of incidence over time
Constancy of registrations during the period under review
Editorial Tables 1a and 1b (Tables 5.1 and 5.2) simply present the distribution of cases registered and age-standardized rates, by site and year. Those permit a rapid visual check on the stability of numbers of cases being recorded each year and signal potential problems in the registration process and/or in the population during the period under review.

Comparison of rates with those in Volume VIII
The change in incidence rates (as average percentage annual change) since Volume VIII is presented in the column headed CH V8 in Editorial Table 3 (Table 5.3). Those changes that are statistically significant, based on a comparison of the age-standardized rate in Volume VIII, are marked in bold. Changes in incidence rates over time that are greater than expected, and which cannot be ascribed to discrepancies in the estimation of person-years at risk, suggest the possibility of changes in the completeness of case ascertainment. When there was no corresponding rate published for that site in Volume VIII, the current rate was compared with an average value from other regions in the same country, or from neighbouring countries.

Age-specific incidence curves
Age-specific incidence curves for 12 sites in each sex comprised Editorial Sheet 2a, 2b (Figures 5.1 linear, 5.2 logarithmic). The curves were examined during the editorial process in order to detect abnormal fluctuations in the anticipated patterns, including any fall-off in the rate of increase in incidence in older subjects (suggestive of under-ascertainment in the oldest age groups). The curves also reveal problems with estimates of population at risk for specific age groups.

Childhood cancer
The possibility of under-enumeration (or duplicate registrations) in this age range was investigated by comparing the observed age-specific rates in the childhood age range (groups: 0–4, 5–9, 10–14 for all cancer sites) with the corresponding rates in Volume VIII, when available.

Proportion of cases microscopically verified
Editorial Sheet 4 (Table 5.4) tabulates, for each site by sex (19 for men, 21 for women), the percentage of cases for which the diagnosis was based upon microscopic verification of a tissue specimen (MV%). This includes, in addition to histological confirmation of diagnosis, those based upon exfoliative cytology specimens, and diagnoses of leukaemia based on haematological examination (without examination of bone marrow). The MV% figures are also presented in the tables of Indices of Data Quality on the website.

The main value of the MV% is as an indicator of the validity of the diagnostic information (Parkin et al., 1994). However, a very high proportion of cases diagnosed by histology or cytology/haematology—higher than might reasonably be expected—suggests over-reliance on the pathology laboratory as a source of information, and failure to find cases diagnosed by other means.

In Editorial Sheet 4 (Table 5.4), the column 'MV%' values in bold, accompanied by a flag (</>) signifies that the number of cases so diagnosed is significantly greater than (>) or less than (<) the value observed by sex and site in Volume VIII when available. When there was no MV% published for that site in Volume VIII, the current MV% was compared with an average MV% value from the other regions in the same country, or from neighbouring countries.

Proportion of cases of unknown basis of diagnosis
When each new cancer case is registered, the diagnostic modality is described as being by histology, cytology/haematology, clinical investigation with X-ray, ultrasound, MRI, autopsy or clinical diagnosis only. Cases not distinguished by the above modalities are listed as "unknown basis of diagnosis". If the proportion of cases denoted as "unknown basis of diagnosis" is higher than 20%, completeness of the registry is not sufficient to be included in this volume.

Mortality:Incidence ratio
This ratio is an important indicator of completeness, an example of the independent case ascertainment method (Parkin et al., 1994). Registries are asked to provide the mortality data on cancer by sex, age group and site, for the same period as the registered cases, from the local vital statistics office (municipal, provincial, national, etc.). Registry-generated mortality statistics (based on cases in the registry database who die during the period, or incorporating corrections to the certified cause of death) are *not* acceptable, since they do not constitute an independent data source.

When the quality of the mortality data is good, the M:I ratio is related to case fatality (1-survival). However, when mortality statistics are of poorer quality (incomplete certification, inaccurate cause of death statements) the relationship will be less close. Evaluation of the M:I ratio should take this into account. Since both survival and quality of mortality statistics are somewhat related to geographical region the regional location of the registry is important in evaluation of the statistic. As it is typical to use M:I ratio as a criteria for inclusion or exclusion, in the process of evaluation the editors compared the M/I ratio by site with a reasonable threshold level.

In Editorial Sheet 4 (Table 5.4), the M:I ratios for a given site are marked as being significantly greater (>) or less (<) than observed on the *Cancer Incidence in Five Continents*, Volume VIII, when available. When there was no corresponding ratio published for that site in Volume VIII, the current ratio was compared with an average value from the other regions in the same country, or from neighbouring countries. The tables of Indices of Data Quality show the values of the M:I ratio for registries where official mortality statistics are available.

Death certificate methods
Death certificates provide an important supplementary source of information for cancer registries. As far as incidence statistics are concerned, they function as a means of capturing information on cases that escaped the registration process during life.

Completeness of registration may be evaluated on the basis of the proportion of incident cancers that first come to the registry's attention via a death certificate notification of cancer (DCN cases). This proportion was provided by the registry to the editors of *Cancer Incidence in Five Continents,* whose data include only the numbers of death certificate only (DCO cases)—that is, the residuum of cases remaining after various follow-back procedures have been carried out on DCN cases. By itself, therefore, the DCO% is not an indicator

of completeness of registration; a low DCO% may indicate efficient case-finding, but it could equally well result from the efficient traceback of DCN cases (for example, there are actually no DCO cases with complete traceback in the Australia South and Canada Northwest Territories datasets). Nevertheless, the DCN% will always be equal to or greater than the DCO%, so an elevated DCO% is suggestive of incompleteness. Even this must be interpreted in the light of local circumstances; in some developing countries, the quality of death certificates may be very poor, with a fair number of erroneous cancer deaths, which the registry may have difficulty tracing back to a hospital capable of confirming (or not) the death certificate statement. Table 5.8 shows the registration practice used to distinguish the DCN cases and DCN (%) by each registry.

Failure to use death certificates, when these are available and can be linked to the registry database, is generally taken to mean that some lack of completeness is likely to be present.

Validity

Validity is defined as the proportion of cases in a data-set with a given characteristic (e.g., site, age) that truly have the attribute. *Cancer Incidence in Five Continents* uses five of the common indices of validity (Parkin *et al*., 1994):

(*a*) Internal consistency
(*b*) Histological verification
(*c*) Death certificate only
(*d*) Other and unspecified cases (ill-defined cases)
(*e*) Age unknown

The use of the IARC-CHECK program to perform consistency checks on the submitted data-sets is described in the chapter on data processing (Chapter 6). In practice, all datasets were submitted to this process, and the cases queried checked by the registry before incorporation into the database.

Microscopical verification

For most cases, the accuracy of the stated diagnosis is likely to be higher if it is based on histological examination by a pathologist. Previous surveys have shown that many cancer registries code diagnoses based on exfoliative cytology or on haematological examination of peripheral blood in the same category as histological examinations, so that it is impossible to distinguish between them. Partly for this reason, the index of validity used in the Editorial Sheet (Table 5.4) and the tables of Indices of Data Quality in this volume concern the percentage of cases microscopically verified.

For example, the MV% of liver cancer gradually decreased in the data from some Asian registries. In the practice guidelines, the diagnostic criteria of hepatocellular carcinoma included the non-invasive methods defined by the European Association for the Study of the Liver (Bruix *et al*., 2001) and by the American Association for the Study of Liver Disease (Bruix & Sherman 2005). In the regions with a high proportion of liver cancer among the total number of incidence cases, the overall MV% will be highly affected by the MV% of liver cancer. The practice guidelines should be considered in the evaluation of cancer cases from registries. Therefore, MV% without liver cancer was considered as one of the criteria for acceptance.

Also, MV% without leukaemia was considered when the MV% of each registry was less than the threshold of inclusion criteria.

Death certificate only

In this volume, considerable effort has been made to ensure that what is reported as DCO cases in the Editorial Tables and Indices of Data Quality Tables does, indeed, refer to such cases. That is, they represent the residuum of cases—*after all trace-back manoeuvres have been completed*—for which no other information than a death certificate mentioning cancer could be obtained. Inasmuch as the diagnostic information on death certificates is well known to suffer from lack of accuracy, or lack of precision, a high proportion of DCO cases implies a lack of validity of the data. It would usually imply a lack of completeness also, as noted earlier (see section on *Death certificate methods*).

There are many considerations involved in interpretation, and the sensitivity of the DCO% to local circumstances (availability of death certificates, quality of cause-of-death statements, facility to trace back cases). In this volume, the datasets with less than 20% of DCO cases were considered for the evaluation.

Other and unspecified (ill-defined) cases

The content of this category is defined in Chapter 3 (see Table 3.1). A high proportion of cases assigned to these rubrics generally implies poor diagnostic precision (as evidenced by the low MV% observed for this rubric), or failure to specify the site of the primary cancer in cases diagnosed on the basis of tissue obtained from a metastasis.

The percentage of ill-defined cases is given in Editorial Sheet 4 (Table 5.4). In this volume, only data with less than 20% of ill-defined cases were considered for the evaluation.

Age unknown

The proportion of cases for which age was unknown is reported in Table 5.3. In this volume, only data with less than 20% of age-unknown cases were taken into account for the evaluation.

Population

It is obvious that a 10% error in the estimation of population at risk produces just as much inaccuracy in the calculated incidence rate as a 10% error in enumeration of cases. However, cancer registries are generally not responsible for population estimates, and must rely upon various departments of central and local government to supply the required information. Registries should, however, inform themselves about the source of the population-at-risk figures that they use, and the methods used to produce estimates and projections. The Editors of this volume asked all contributing registries to provide this information, and it is summarised, along with the average annual population at risk for the period covered by the registrations, for each entry.

The population data provided by a registry could rarely be subjected to verification by the Editors. The shape of the population pyramids and irregularities in the age-specific incidence curves sometimes suggested errors in the estimates, and occasionally the appropriateness of the source of the information provided was queried. For Volume IX, which mainly concerns periods of time around 2000, census data were usually available, so that part of population at risk was based on post-censal and the other on intercensal estimates.

Grouping of datasets according to the inclusion criteria

Inclusion criteria

The Editors applied standard definitions for the inclusion criteria using the indices described above.

Up until Volume VIII, there were no rigidly defined criteria with ranges of acceptability for some quality indices; however, the Editors considered the guidelines for scrutinising the data when comparing them to previous volumes. The comparability groups A, B and C were created to facilitate high throughput of evaluation, did not require strict criteria for inclusion, and aided the Editors in the evaluation process. Table 5.7 shows the summarised inclusion criteria used for the review and evaluation of submissions and resubmissions. For some datasets, the intrinsic interest in providing information on little-known geographical and ethnic patterns, or continuity with earlier data from the same registry, were taken into consideration. The specialised cancer registries—e.g. site-specific cancer registries and childhood cancer registries—were not considered for inclusion.

Categorisation (Grouping)
Submissions with more than three-year data were taken into account for evaluation. Data with less than 20% of DCO cases, ill-defined cases, age-unknown cases were considered, except for some registries of special interest due to their geographical location.

An overall MV% of more than 75% was considered acceptable (data with higher than 99% of MV% were not considered for evaluation; see section on *Proportion of cases microscopically verified*). However, some registries reported a MV% without liver cancer or ill-defined cases that was higher than 75% (higher than 70% for some special-interest registries, for example China Jiashan) and were included as described in subsection *Microscopical verification* in the *Validity* section. Even though there was no strictly applied threshold of Mortality:Incidence ratio, a practically reasonable value by site was considered. Those with implausibly low or high incidence rates were not included in this volume.

The Editors received 313 submissions from cancer registries. For the editorial process, the submissions were categorized into three groups (group A, B, and C) according to the quality indicators. Of these, 225 (71.8% of submissions) were included.

Group A
The registries that included death reporting in the registry region that was in compliance with WHO recommendations were grouped as Group A. Data in this group also had more than 80% MV% and less than 10% ill-defined site, DCO% and unknown basis of diagnosis. Ideally, the registries with almost 100% completeness were considered for this group. The registries should have well-defined denominators and not show abrupt changes in trends. (For an example of Group A, see Editorial Sheet 4; Table 5.4a).

Group B
If a cancer registry had no access to death certificate data, even the existence of official mortality with causes of death, it was classified as comparability Group B. The registries were those with MV% between 75% and 80%. As described above, registries with a MV% due to a high proportion of liver cancer were calculated without liver cancer. MV% without leukaemia was also considered for this group. (For an example of Group B, see Editorial Sheet 4; Table 5.4b).

Group C
Regions or countries without official mortality were grouped as "C" for comparability. In terms of completeness, the registries in which ad hoc study is not available and death clearance is not a source of case finding were grouped into Group C. (For examples 1 and 2 of Group C, see Editorial Sheet 4; Table 5.4c).

The asterisk (*) for Group C and datasets of special interest
The presence of an asterisk on a registry table denotes that care should be taken in interpreting the rates for some or all of the cancer sites listed. The principal reason for use of an asterisk is to indicate those datasets, a total of 26, that the Editors considered to have some limitations in determining the number of cases or the population at risk that could affect the ability to make direct comparisons with other registry datasets. The criteria used to assign an asterisk were not strictly defined, being based instead on a number of quantitative indices discussed in this chapter as well as knowledge of the circumstances under which the registry operates. Certain registries were considered to be of special interest due to their providing important data on geographic or population groups little represented in the literature, and this was taken into consideration as well.

The submitting registries were notified of the assigned comparability group, but this information does not appear in the published volume.

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Table 5.1 Number of cases in major diagnosis groups in single calendar years of observation

ELSEWHERE (1998-2002)

MALE

SITE	1998	1999	2000	2001	2002	Total
Oral cavity & pharynx	88 (2.3)	79 (1.8)	99 (2.3)	110 (2.4)	114 (2.4)	490 (2.2)
Digestive organs	2375 (61.4)	2641 (61.6)	2655 (61.3)	2919 (62.4)	2968 (61.4)	13558 (61.6)
Respirathory organs	694 (17.9)	745 (17.4)	807 (18.6)	812 (17.4)	850 (17.6)	3908 (17.8)
Bone & cartilage	26 (0.7)	12 (0.3)	13 (0.3)	23 (0.5)	18 (0.4)	92 (0.4)
Breast	1 (0.0)	2 (0.0)	4 (0.1)	5 (0.1)	3 (0.1)	15 (0.1)
Male genital	69 (1.8)	110 (2.6)	97 (2.2)	117 (2.5)	139 (2.9)	532 (2.4)
Urinary organs	237 (6.1)	230 (5.4)	236 (5.4)	287 (6.1)	314 (6.5)	1304 (5.9)
Eye, brain & NS	57 (1.5)	56 (1.3)	72 (1.7)	47 (1.0)	45 (0.9)	277 (1.3)
Thyroid & endocrine	45 (1.2)	50 (1.2)	51 (1.2)	54 (1.2)	56 (1.2)	256 (1.2)
Ill-defined & unknown	84 (2.2)	96 (2.2)	65 (1.5)	81 (1.7)	73 (1.5)	399 (1.8)
Haematopoietic	157 (4.1)	215 (5.0)	198 (4.6)	180 (3.8)	204 (4.2)	954 (4.3)
All sites but skin	3867 (100.0)	4285 (100.0)	4334 (100.0)	4679 (100.0)	4834 (100.0)	21999 (100.0)

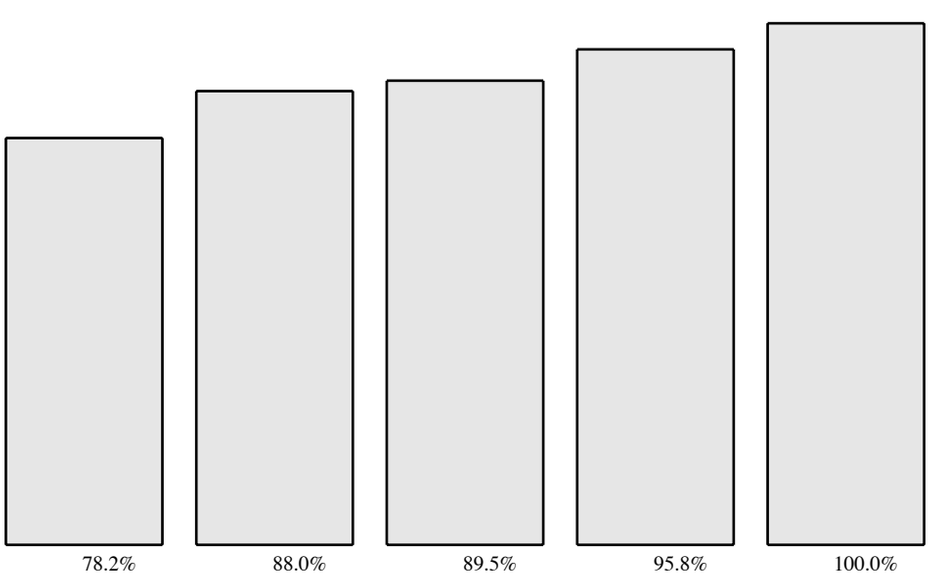
FEMALE

SITE	1998	1999	2000	2001	2002	Total
Oral cavity & pharynx	29 (1.0)	40 (1.2)	50 (1.5)	38 (1.0)	40 (1.0)	197 (1.1)
Digestive organs	1266 (43.1)	1427 (42.4)	1425 (41.3)	1465 (40.2)	1624 (42.1)	7207 (41.8)
Respirathory organs	217 (7.4)	309 (9.2)	277 (8.0)	329 (9.0)	308 (8.0)	1440 (8.3)
Bone & cartilage	12 (0.4)	12 (0.4)	19 (0.6)	22 (0.6)	16 (0.4)	81 (0.5)
Breast	408 (13.9)	465 (13.8)	496 (14.4)	550 (15.1)	621 (16.1)	2540 (14.7)
Female genital	520 (17.7)	562 (16.7)	540 (15.7)	567 (15.6)	608 (15.8)	2797 (16.2)
Urinary organs	67 (2.3)	74 (2.2)	92 (2.7)	106 (2.9)	101 (2.6)	440 (2.6)
Eye, brain & NS	40 (1.4)	44 (1.3)	55 (1.6)	53 (1.5)	39 (1.0)	231 (1.3)
Thyroid & endocrine	144 (4.9)	184 (5.5)	202 (5.9)	250 (6.9)	230 (6.0)	1010 (5.9)
Ill-defined & unknown	73 (2.5)	81 (2.4)	90 (2.6)	71 (1.9)	60 (1.6)	375 (2.2)
Haematopoietic	114 (3.9)	118 (3.5)	158 (4.6)	154 (4.2)	170 (4.4)	714 (4.1)
All sites but skin	2934 (100.0)	3362 (100.0)	3448 (100.0)	3646 (100.0)	3858 (100.0)	17248 (100.0)

BOTH SEXES

SITE	1998	1999	2000	2001	2002	Total
Oral cavity & pharynx	117 (1.7)	119 (1.6)	149 (1.9)	148 (1.8)	154 (1.8)	687 (1.8)
Digestive organs	3641 (53.5)	4068 (53.2)	4080 (52.4)	4384 (52.7)	4592 (52.8)	20765 (52.9)
Respirathory organs	911 (13.4)	1054 (13.8)	1084 (13.9)	1141 (13.7)	1158 (13.3)	5348 (13.6)
Bone & cartilage	38 (0.6)	24 (0.3)	32 (0.4)	45 (0.5)	34 (0.4)	173 (0.4)
Breast	409 (6.0)	467 (6.1)	500 (6.4)	555 (6.7)	624 (7.2)	2555 (6.5)
Female genital	520 (7.6)	562 (7.3)	540 (6.9)	567 (6.8)	608 (7.0)	2797 (7.1)
Male genital	69 (1.0)	110 (1.4)	97 (1.2)	117 (1.4)	139 (1.6)	532 (1.4)
Urinary organs	304 (4.5)	304 (4.0)	328 (4.2)	393 (4.7)	415 (4.8)	1744 (4.4)
Eye, brain & NS	97 (1.4)	100 (1.3)	127 (1.6)	100 (1.2)	84 (1.0)	508 (1.3)
Thyroid & endocrine	189 (2.8)	234 (3.1)	253 (3.3)	304 (3.7)	286 (3.3)	1266 (3.2)
Ill-defined & unknown	157 (2.3)	177 (2.3)	155 (2.0)	152 (1.8)	133 (1.5)	774 (2.0)
Haematopoietic	271 (4.0)	333 (4.4)	356 (4.6)	334 (4.0)	374 (4.3)	1668 (4.3)
All sites but skin	6801 (100.0)	7647 (100.0)	7782 (100.0)	8325 (100.0)	8692 (100.0)	39247 (100.0)

ALL SITES NUMBER OF CASES BOTH SEXES



Population data provided for 5 year(s).

Table 5.2 ASR in major diagnosis groups in single calendar years of observation

ELSEWHERE (1998-2002)

MALE

SITE	1998	1999	2000	2001	2002	Total
Oral cavity & pharynx	5.7 (2.2)	4.8 (1.7)	6.0 (2.3)	6.2 (2.2)	6.1 (2.2)	5.8 (2.1)
Digestive organs	156.5 (60.2)	166.0 (59.8)	156.7 (59.4)	167.9 (60.3)	163.5 (59.4)	162.2 (59.8)
Respirathory organs	51.1 (19.7)	53.8 (19.4)	53.3 (20.2)	53.7 (19.3)	52.1 (18.9)	52.9 (19.5)
Bone & cartilage	1.5 (0.6)	0.6 (0.2)	0.7 (0.3)	1.4 (0.5)	1.2 (0.4)	1.1 (0.4)
Breast	0.0 (0.0)	0.1 (0.0)	0.5 (0.2)	0.3 (0.1)	0.2 (0.1)	0.2 (0.1)
Male genital	6.3 (2.4)	9.2 (3.3)	7.4 (2.8)	8.7 (3.1)	9.5 (3.4)	8.3 (3.1)
Urinary organs	15.4 (5.9)	15.1 (5.4)	15.0 (5.7)	17.2 (6.2)	18.3 (6.7)	16.3 (6.0)
Eye, brain & NS	3.5 (1.4)	3.4 (1.2)	4.1 (1.6)	2.5 (0.9)	2.4 (0.9)	3.2 (1.2)
Thyroid & endocrine	2.4 (0.9)	2.8 (1.0)	2.5 (1.0)	2.8 (1.0)	3.1 (1.1)	2.7 (1.0)
Ill-defined & unknown	5.9 (2.3)	6.7 (2.4)	4.3 (1.6)	5.3 (1.9)	4.7 (1.7)	5.3 (2.0)
Haematopoietic	9.5 (3.6)	12.5 (4.5)	11.1 (4.2)	9.9 (3.5)	11.3 (4.1)	10.9 (4.0)
All sites but skin	259.8 (100.0)	277.6 (100.0)	263.7 (100.0)	278.4 (100.0)	275.2 (100.0)	271.3 (100.0)

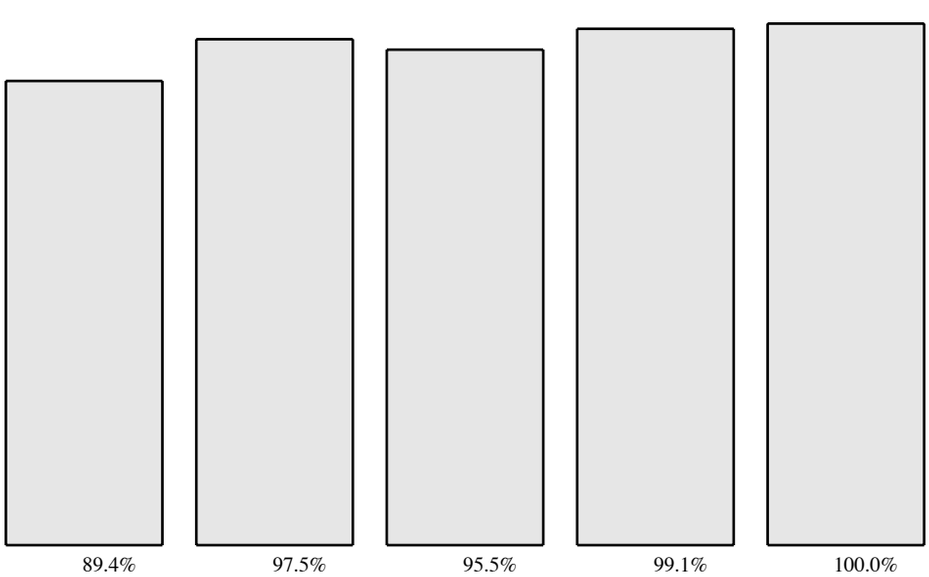
FEMALE

SITE	1998	1999	2000	2001	2002	Total
Oral cavity & pharynx	1.4 (1.0)	1.9 (1.2)	2.3 (1.5)	1.7 (1.1)	1.7 (1.0)	1.8 (1.1)
Digestive organs	62.9 (44.8)	68.5 (43.7)	65.8 (42.1)	65.8 (40.9)	71.0 (42.8)	66.9 (42.8)
Respirathory organs	10.8 (7.7)	14.8 (9.4)	12.9 (8.3)	15.1 (9.4)	13.4 (8.1)	13.4 (8.6)
Bone & cartilage	0.6 (0.4)	0.6 (0.4)	0.9 (0.5)	1.3 (0.8)	0.9 (0.5)	0.8 (0.5)
Breast	17.6 (12.6)	20.0 (12.8)	20.8 (13.3)	22.4 (13.9)	25.0 (15.0)	21.2 (13.6)
Female genital	23.4 (16.7)	24.7 (15.7)	23.1 (14.8)	23.8 (14.8)	25.4 (15.3)	24.1 (15.4)
Urinary organs	3.5 (2.5)	3.7 (2.4)	4.6 (3.0)	4.9 (3.0)	4.5 (2.7)	4.3 (2.7)
Eye, brain & NS	2.2 (1.6)	2.1 (1.3)	2.8 (1.8)	2.7 (1.7)	1.8 (1.1)	2.3 (1.5)
Thyroid & endocrine	6.4 (4.6)	8.3 (5.3)	8.7 (5.6)	10.8 (6.7)	9.6 (5.8)	8.8 (5.6)
Ill-defined & unknown	3.5 (2.5)	4.0 (2.6)	4.2 (2.7)	3.2 (2.0)	2.6 (1.5)	3.5 (2.2)
Haematopoietic	5.6 (4.0)	6.1 (3.9)	8.2 (5.2)	7.6 (4.7)	8.4 (5.0)	7.2 (4.6)
All sites but skin	140.4 (100.0)	156.9 (100.0)	156.3 (100.0)	161.1 (100.0)	166.0 (100.0)	156.4 (100.0)

BOTH SEXES

SITE	1998	1999	2000	2001	2002	Total
Oral cavity & pharynx	3.2 (1.7)	3.1 (1.5)	3.9 (1.9)	3.6 (1.8)	3.7 (1.8)	3.5 (1.7)
Digestive organs	101.7 (54.5)	109.9 (53.9)	105.2 (52.7)	110.0 (53.1)	111.0 (53.1)	107.7 (53.4)
Respirathory organs	27.0 (14.5)	30.2 (14.8)	29.6 (14.8)	30.7 (14.8)	29.4 (14.1)	29.4 (14.6)
Bone & cartilage	1.1 (0.6)	0.6 (0.3)	0.8 (0.4)	1.3 (0.6)	1.0 (0.5)	0.9 (0.5)
Breast	9.2 (4.9)	10.4 (5.1)	10.9 (5.5)	11.6 (5.6)	12.9 (6.2)	11.0 (5.5)
Female genital	12.4 (6.6)	13.1 (6.4)	12.3 (6.1)	12.5 (6.0)	13.3 (6.4)	12.7 (6.3)
Male genital	2.3 (1.2)	3.4 (1.6)	2.8 (1.4)	3.3 (1.6)	3.6 (1.7)	3.1 (1.5)
Urinary organs	8.5 (4.6)	8.3 (4.1)	9.0 (4.5)	10.0 (4.8)	10.4 (5.0)	9.3 (4.6)
Eye, brain & NS	2.8 (1.5)	2.7 (1.3)	3.4 (1.7)	2.5 (1.2)	2.1 (1.0)	2.7 (1.3)
Thyroid & endocrine	4.5 (2.4)	5.6 (2.7)	5.7 (2.9)	6.8 (3.3)	6.3 (3.0)	5.8 (2.9)
Ill-defined & unknown	4.5 (2.4)	5.0 (2.5)	4.2 (2.1)	4.0 (1.9)	3.4 (1.6)	4.2 (2.1)
Haematopoietic	7.3 (3.9)	9.0 (4.4)	9.6 (4.8)	8.7 (4.2)	9.5 (4.6)	8.9 (4.4)
All sites but skin	186.8 (100.0)	203.8 (100.0)	199.5 (100.0)	207.1 (100.0)	209.0 (100.0)	201.6 (100.0)

ALL SITES ASR BOTH SEXES



Population data provided for 5 year(s).

Figure 5.1 Age-specific rates for major diagnosis groups - linear

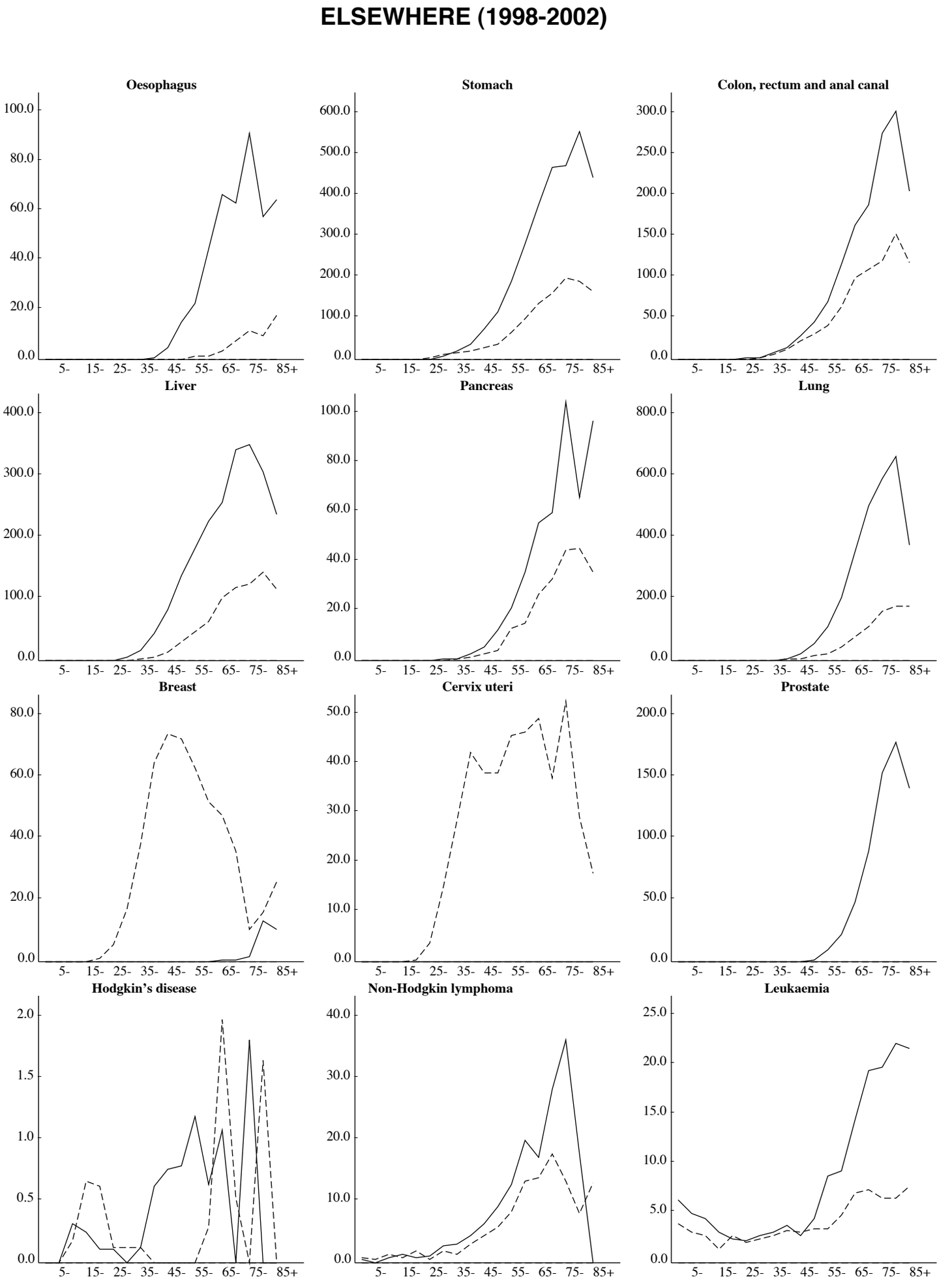


Figure 5.2 Age-specific rates for major diagnosis groups - logarithmic scale

ELSEWHERE (1998-2002)

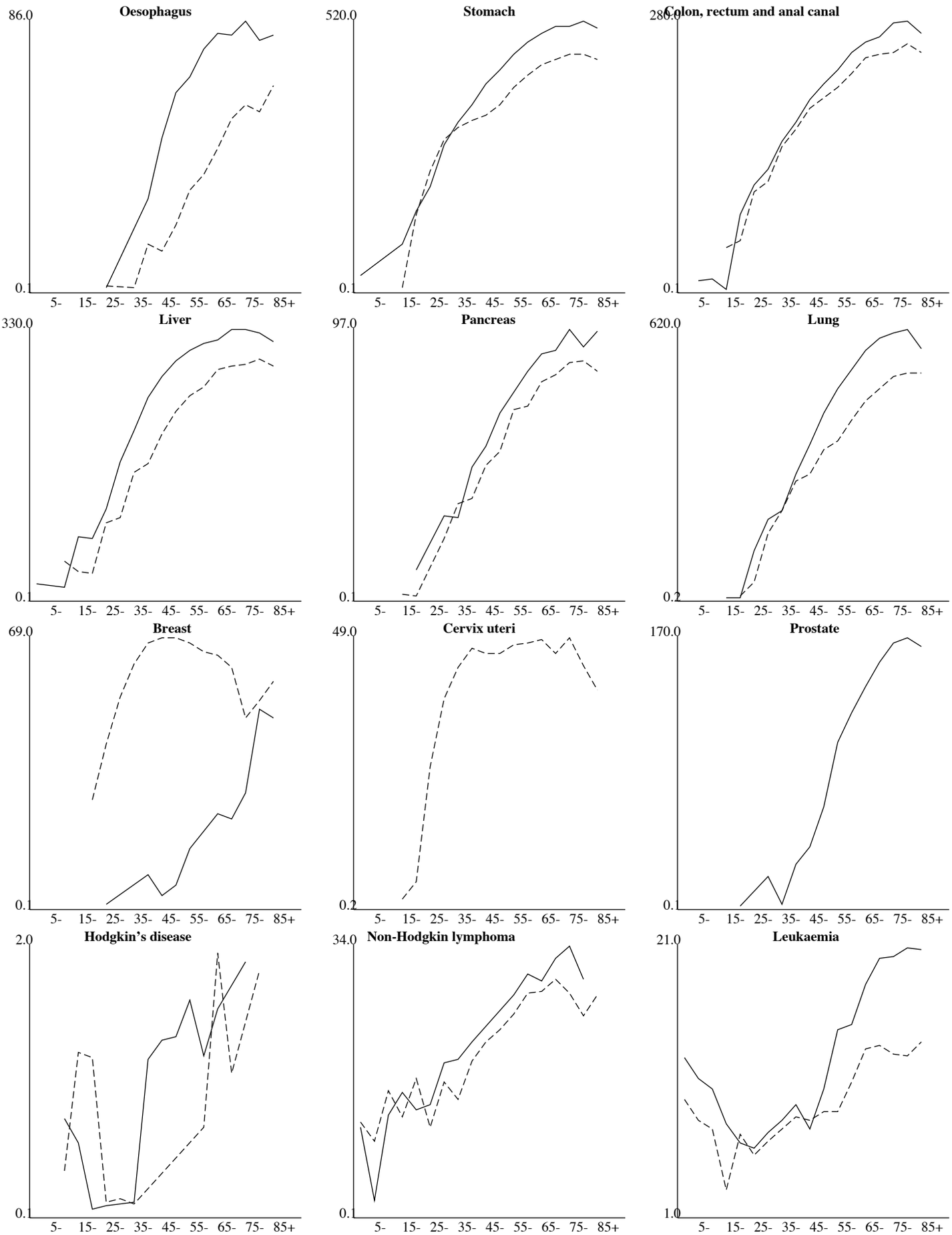


Table 5.3 CI5 Volume IX (editorial table 3a)

ELSEWHERE (1998-2002)
ANNUAL INCIDENCE PER 100 000 BY AGE GROUP (YEARS) - MALE

SITE	ALL AGES	AGE UNK	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85+	CRUDE RATE	(%)	MV (%)	**ASR (W)**	*CH V8	ICD (10th)
Lip	3	0	-	-	-	-	-	-	-	-	-	-	0.2	-	-	0.5	0.9	-	-	-	0.0	0.0	100.0	**0.0**	*-47.5*	*C00*
Tongue	83	0	-	-	-	-	-	0.1	-	0.4	0.7	0.9	2.0	4.4	6.0	3.5	2.7	5.0	4.1	20.1	0.9	0.4	92.8	**1.0**	-7.2	*C01-02*
Salivary gland	51	0	-	-	-	0.1	0.2	0.5	0.5	0.7	0.5	0.6	0.4	1.8	1.8	1.0	4.5	3.3	4.1	-	0.5	0.2	92.2	**0.5**	**13.6**	*C07-08*
Mouth	98	0	-	-	0.2	0.2	-	0.1	0.1	-	0.2	1.3	1.5	2.2	6.0	11.0	9.0	10.0	16.5	20.1	1.0	0.4	89.8	**1.3**	-2.6	*C03-06*
Oropharynx	82	0	-	-	-	-	0.1	-	-	0.1	0.8	1.3	1.8	4.2	3.6	8.0	5.4	1.7	-	-	0.9	0.4	89.0	**0.9**	5.0	*C09-10*
Nasopharynx	80	0	-	-	0.2	0.1	0.3	0.3	0.2	0.8	0.9	1.1	2.0	2.9	2.7	5.0	1.8	1.7	4.1	-	0.8	0.4	96.2	**0.8**	2.0	*C11*
Hypopharynx	81	0	-	-	-	-	-	-	-	-	0.2	0.9	2.2	2.4	5.7	6.5	8.1	5.0	24.7	-	0.9	0.4	87.7	**1.0**	**6.5**	*C12-13*
Pharynx unspecified	12	0	-	-	-	-	-	-	-	-	0.2	0.1	-	0.9	-	1.0	1.8	1.7	-	-	0.1	0.1	58.3	**0.1**	*-10.0*	*C14*
Oesophagus	620	0	-	-	-	-	-	0.1	-	-	1.0	4.7	14.3	21.6	42.0	62.3	58.7	85.3	53.5	60.3	6.5	2.8	82.4	**8.1**	-5.9	*C15*
Stomach	5009	0	0.2	-	-	0.5	1.3	2.9	10.5	21.4	37.2	69.7	109.1	178.2	260.1	350.9	433.8	436.5	514.6	411.8	52.7	22.8	88.8	**59.9**	-5.3	*C16*
Small intestine	85	0	-	-	-	-	-	0.1	-	0.1	0.3	1.3	1.5	2.2	4.8	7.0	9.0	10.0	28.8	-	0.9	0.4	87.1	**1.1**	**16.5**	*C17*
Colon	1014	0	-	0.1	0.2	-	0.3	1.3	2.1	4.3	7.4	12.0	19.7	29.9	53.0	72.3	83.1	140.5	168.8	130.6	10.7	4.6	84.4	**12.7**	3.1	*C18*
Rectum	1087	0	-	-	-	0.1	0.7	1.1	1.6	4.2	7.5	15.8	23.4	37.0	55.4	79.8	92.2	115.4	111.2	60.3	11.4	4.9	91.3	**13.0**	6.5	*C19-21*
Liver	4438	0	0.2	-	0.2	0.7	0.7	1.6	6.3	16.3	43.2	78.3	129.4	169.6	210.1	238.3	316.3	326.1	284.1	221.0	46.7	20.2	19.9	**49.8**	-4.9	*C22*
Gallbladder etc.	682	0	-	-	-	-	0.1	0.2	0.4	0.5	3.0	7.4	11.9	21.8	33.7	57.8	90.4	103.7	102.9	140.6	7.2	3.1	46.2	**9.3**	-1.3	*C23-24*
Pancreas	592	0	-	-	-	-	0.2	-	0.9	0.8	3.0	5.1	11.5	19.8	33.7	51.8	56.0	97.0	61.8	90.4	6.2	2.7	34.1	**7.7**	-0.6	*C25*
Peritoneum	23	0	0.2	0.3	-	0.1	-	-	-	-	0.3	0.6	0.5	0.9	0.3	0.5	1.8	1.7	-	-	0.2	0.1	73.9	**0.3**	*-16.0*	*C48*
Nose, sinuses etc.	59	0	0.2	-	-	-	-	0.2	-	-	0.5	1.0	1.6	3.3	1.2	4.0	7.2	1.7	-	-	0.6	0.3	91.5	**0.7**	**-10.9**	*C30-31*
Larynx	382	0	-	-	-	-	-	0.1	-	0.6	1.0	3.3	7.9	15.0	24.1	37.4	38.0	43.5	24.7	30.1	4.0	1.7	83.8	**4.9**	-5.0	*C32*
Bronchus, lung	3368	0	-	-	-	0.2	0.2	0.9	2.2	2.9	8.4	21.1	51.6	106.0	190.7	329.5	467.2	546.8	613.4	351.5	35.5	15.3	70.6	**46.2**	-3.0	*C33-34*
Other thoracic organs	96	0	0.7	-	0.2	0.7	0.4	0.8	0.4	0.4	0.8	1.7	0.9	2.9	2.4	4.0	7.2	8.4	4.1	10.0	1.0	0.4	79.2	**1.1**	0.3	*C37-38*
Bone	92	0	-	0.6	2.4	1.5	0.7	0.6	0.5	0.5	0.8	0.6	0.5	1.1	2.7	2.5	1.8	3.3	8.2	10.0	1.0	0.4	77.2	**1.1**	-5.5	*C40-41*
Connective tissue	119	0	1.4	0.4	0.8	0.2	0.4	0.5	0.7	1.0	1.2	1.6	2.0	2.6	5.1	4.0	3.6	8.4	4.1	-	1.3	0.5	89.9	**1.3**	-1.4	*C47,49*
Mesothelioma	15	0	-	-	-	-	-	-	0.1	-	0.1	0.1	0.4	1.1	0.3	0.5	2.7	-	-	-	0.2	0.1	100.0	**0.2**	*-14.9*	*C45*
Kaposi's sarcoma	2	0	-	-	-	-	0.1	-	-	-	0.1	-	-	-	-	-	-	-	-	-	0.0	0.0	100.0	**0.0**	*-50.5*	*C46*
Melanoma of skin	42	0	-	0.1	-	-	-	0.1	0.2	0.1	0.5	0.3	0.9	1.5	2.4	2.5	2.7	1.7	4.1	10.0	0.4	0.2	97.6	**0.5**	*7.1*	*C43*
Other skin	187	0	-	-	0.2	-	0.2	0.6	1.0	0.8	0.7	2.1	3.3	5.5	8.9	14.0	18.1	23.4	16.5	40.2	2.0	0.9	94.7	**2.4**	-7.7	*C44*
Breast	15	0	-	-	-	-	-	0.1	-	-	0.2	0.1	0.2	0.4	-	1.0	0.9	1.7	12.4	10.0	0.2	0.1	80.0	**0.2**	*-3.1*	*C50*
Prostate	455	0	-	-	-	-	0.1	-	0.2	0.1	0.3	0.6	1.6	9.5	21.2	44.9	84.0	142.1	164.7	130.6	4.8	2.1	79.6	**7.3**	1.0	*C61*
Testis	47	0	2.3	-	-	0.5	0.9	0.8	0.5	0.2	0.2	0.1	0.2	0.2	0.6	0.5	0.9	-	-	-	0.5	0.2	93.6	**0.6**	*1.3*	*C62*
Penis	21	0	-	-	-	-	-	-	-	0.1	0.2	0.4	0.2	1.1	0.6	1.0	1.8	1.7	8.2	-	0.2	0.1	100.0	**0.2**	*-9.4*	*C60*
Other male genital	9	0	-	-	-	-	0.1	-	-	-	-	-	-	-	0.9	1.5	-	3.3	-	-	0.1	0.0	100.0	**0.1**	*-9.0*	*C63*
Bladder	766	0	-	-	-	-	0.3	0.3	1.0	1.4	4.7	6.1	13.5	24.2	35.5	64.3	99.4	115.4	148.2	90.4	8.1	3.5	88.3	**10.2**	0.2	*C67*
Kidney etc.	538	0	1.4	-	-	0.1	0.2	0.5	1.1	2.6	6.3	8.7	10.6	17.2	31.3	30.4	42.5	31.8	24.7	20.1	5.7	2.4	81.2	**6.1**	-3.3	*C64-66,68*
Eye	13	0	0.7	0.1	0.2	-	-	-	-	-	-	-	0.2	-	0.3	1.0	2.7	-	-	-	0.1	0.1	76.9	**0.2**	*-13.3*	*C69*
Brain, nervous system	264	0	1.8	2.1	2.0	0.8	1.7	2.1	1.5	2.2	2.0	3.6	4.4	5.7	6.6	7.0	17.2	10.0	16.5	-	2.8	1.2	59.8	**3.0**	-2.0	*C70-72*
Thyroid	215	0	-	0.1	-	0.7	1.0	1.0	1.5	1.8	3.6	4.4	4.0	6.4	6.6	6.5	5.4	8.4	-	40.2	2.3	1.0	93.0	**2.2**	10.0	*C73*
Other endocrine	41	0	1.1	0.6	0.2	0.5	0.3	-	0.4	0.2	0.2	0.4	0.5	0.4	0.3	1.5	2.7	1.7	-	-	0.4	0.2	43.9	**0.5**	*12.4*	*C74-75*
Hodgkin's disease	31	0	-	-	0.3	0.2	0.1	0.1	-	0.1	0.6	0.7	0.7	1.1	0.6	1.0	-	1.7	-	-	0.3	0.1	100.0	**0.3**	*1.5*	*C81*
Non-Hodgkin lymphoma	417	0	0.7	0.1	0.9	1.5	1.0	1.1	2.7	3.0	4.3	6.0	8.6	11.9	18.5	16.0	26.2	33.4	16.5	-	4.4	1.9	93.0	**4.5**	2.7	*C82-85,96*
Multiple myeloma	97	0	-	-	-	-	-	0.1	0.5	-	0.5	1.6	2.2	2.9	6.9	6.5	9.9	8.4	-	-	1.0	0.4	93.8	**1.1**	5.2	*C88,90*
Lymphoid leukaemia	128	0	4.0	4.0	2.7	1.2	1.0	0.8	0.5	0.4	0.5	0.6	0.7	0.7	1.2	2.5	0.9	-	8.2	-	1.3	0.6	98.4	**1.7**	11.1	*C91*
Myeloid leukaemia	233	0	1.6	0.7	1.5	1.6	1.3	1.1	2.1	2.4	2.8	1.4	3.1	6.8	6.0	7.5	9.9	10.0	4.1	10.0	2.5	1.1	97.9	**2.5**	4.6	*C92*
Monocytic leukaemia	5	0	-	-	-	-	-	-	-	-	0.1	-	-	-	0.3	0.5	0.9	1.7	-	-	0.1	0.0	100.0	**0.1**	*15.4*	*C93*
Other leukaemia	1	0	-	-	-	-	-	-	-	-	-	-	-	-	0.3	-	-	-	-	-	0.0	0.0	100.0	**0.0**	*-31.1*	*C94*
Leukaemia unspecified	55	0	0.4	-	-	0.3	-	0.2	-	0.5	0.3	0.7	0.5	1.1	1.5	3.5	7.2	8.4	8.2	10.0	0.6	0.3	56.4	**0.7**	9.2	*C95*
Other and unspecified	433	0	0.5	-	0.2	0.1	0.4	0.7	0.7	1.1	1.8	4.3	7.3	11.7	20.3	35.4	58.7	55.2	74.1	90.4	4.6	2.0	0.0	**5.9**	**-12.0**	*O&U*
All sites	22186	0	17.2	9.6	11.9	12.0	14.7	21.1	40.6	72.1	149.2	272.3	459.2	739.7	1115.7	1587.6	2095.8	2416.4	2540.0	2008.8	233.6	100.9	67.7	**273.7**	**-2.9**	*ALL*
All sites but skin	21999	0	17.2	9.6	11.8	12.0	14.4	20.6	39.6	71.3	148.5	270.2	455.9	734.2	1106.7	1573.6	2077.7	2393.0	2523.6	1968.7	231.7	100.0	67.5	**271.3**	**-2.9**	*ALLb*

* Average percentage annual change since volume VIII (1993-1997)
Significant changes (95% confidence level, Miettinen method, page 869 of Volume VI) are marked in bold
Rate 5- is significantly different. (9.6 vs 10.2)
Rate 10- is significantly different. (11.8 vs 13.6)

Table 5.4 CI5 Volume IX (editorial table 4)

ELSEWHERE (1998-2002)

Quality indicators

MALE

S I T E	Cases		ASR (l-u)	ASR v8	MV(%)	MV v8(%)	DCO(%)	M/I(%)	UB(%)	ICD-10
Mouth & pharynx	490	5.8	(4.8 - 6.9)	6.0	**90.4 >**	82.9	2.4	**41.2 <**	-	C00-14
Oesophagus	620	**8.1**	**(6.9 - 9.5) <**	10.0	**82.4 >**	76.3	4.8	82.4	-	C15
Stomach	5009	59.9	(46.3 - 77.5)	72.5	**88.8 >**	83.5	3.3	53.5	-	C16
Colon, rectum, anus	2101	25.8	(18.6 - 35.6)	21.9	**88.0 >**	81.6	2.7	37.4	-	C18-21
Liver	4438	49.8	(36.4 - 68.2)	59.4	**19.9 <**	27.9	5.5	78.8	-	C22
Pancreas	592	7.7	(6.8 - 8.8)	7.9	34.1	41.0	9.1	101.9	-	C25
Larynx	382	**4.9**	**(4.1 - 5.8) <**	5.8	**83.8 >**	69.6	4.7	67.5	-	C32
Lung, trachea, bronchus	3368	46.2	(38.5 - 55.3)	51.3	**70.6 >**	65.3	6.1	87.4	-	C33-34
Pleura & other thoracic	96	1.1	(0.9 - 1.5)	1.1	79.2	71.9	7.3	**39.6 <**	-	C37-38
Melanoma of skin	42	0.5	(0.4 - 0.7)	0.4	*97.6 <*	100.0	2.4	*59.5 <*	-	C43
Prostate	455	7.3	(5.8 - 9.2)	7.1	79.6	83.1	2.4	42.4	-	C61
Testis	47	0.6	(0.5 - 0.8)	0.6	93.6	95.5	-	21.3	-	C62
Kidney & urinaryNOS	538	6.1	(4.8 - 7.8)	6.9	81.2	77.6	1.3	35.5	-	C64-66,68
Bladder	766	10.2	(8.8 - 11.7)	10.1	88.3	86.9	3.0	31.6	-	C67
Brain & nervous sytem	264	3.0	(2.5 - 3.4)	3.2	59.8	55.9	12.9	**88.3 >**	-	C70-72
Thyroid	215	**2.2**	**(1.8 - 2.8) >**	1.6	**93.0 >**	78.4	0.5	16.7	-	C73
Lymphoma	545	5.9	(4.6 - 7.7)	5.3	93.6	97.6	3.5	**54.5 >**	-	C81-85,90,88,96
Leukaemia	422	**5.1**	**(4.6 - 5.6) >**	4.0	92.7	92.0	6.4	**70.9 <**	-	C91-95
Ill-defined (1.8%)	399	**5.3**	**(3.8 - 7.4) <**	8.6	47.1	53.1	8.0	51.4	-	C76-80
All sites but skin	21999	**271.3**	**(258.7 - 284.6) <**	300.8	**67.5 >**	64.9	4.6	64.8	-	ALLb

FEMALE

S I T E	Cases		ASR (l-u)	ASR v8	MV(%)	MV v8(%)	DCO(%)	M/I(%)	UB(%)	ICD-10
Mouth & pharynx	197	1.8	(1.4 - 2.3)	1.9	84.8	82.7	6.6	36.5	-	C00-14
Oesophagus	75	**0.7**	**(0.6 - 0.9) <**	1.2	64.0	64.4	16.0	81.3	-	C15
Stomach	2617	**23.9**	**(19.8 - 28.8) <**	30.4	**85.5 >**	79.6	5.5	58.7	-	C16
Colon, rectum, anus	1665	15.4	(13.4 - 17.7)	14.4	**84.4 >**	80.0	3.9	43.1	-	C18-21
Liver	1582	14.9	(12.0 - 18.6)	17.1	**19.7 <**	23.7	7.6	74.2	-	C22
Pancreas	411	3.8	(3.0 - 4.9)	4.5	29.4	30.0	7.8	98.1	-	C25
Larynx	58	0.6	(0.4 - 0.7)	0.7	**72.4 >**	33.3	17.2	86.2	-	C32
Lung, trachea, bronchus	1303	12.2	(10.5 - 14.1)	12.4	**59.2 >**	49.7	9.0	88.1	-	C33-34
Pleura & other thoracic	50	**0.5**	**(0.3 - 0.6) >**	0.3	82.0	69.2	2.0	**38.0 <**	-	C37-38
Melanoma of skin	38	0.3	(0.3 - 0.4)	0.3	*100.0 <*	100.0	-	*42.1 <*	-	C43
Breast	2540	**21.2**	**(20.1 - 22.4) >**	18.6	**95.6 >**	89.2	1.3	21.0	-	C50
Cervix	1812	**15.3**	**(13.0 - 17.9) <**	21.1	**93.4 >**	89.0	1.3	22.5	-	C53
Corpus & uterus NOS	335	3.0	(2.6 - 3.3)	3.0	**85.4 >**	53.8	11.6	65.7	-	C54-55
Ovary	565	5.1	(4.4 - 5.9)	4.8	87.6	82.6	1.6	46.0	-	C56
Kidney & urinaryNOS	264	2.6	(2.0 - 3.4)	2.1	75.4	73.1	2.7	39.4	-	C64-66,68
Bladder	176	1.7	(1.4 - 2.1)	2.0	74.4	76.3	6.2	44.9	-	C67
Brain & nervous sytem	218	**2.1**	**(1.8 - 2.6) <**	3.0	52.3	50.9	15.1	**83.0 >**	-	C70-72
Thyroid	989	**8.5**	**(7.0 - 10.4) >**	6.1	**95.0 >**	85.2	0.8	7.4	-	C73
Lymphoma	424	4.1	(3.4 - 5.0)	3.9	94.3	97.3	3.3	**46.5 >**	-	C81-85,90,88,96
Leukaemia	316	**3.3**	**(2.9 - 3.8) >**	2.3	94.9	94.5	3.8	**64.6 <**	-	C91-95
Ill-defined (2.2%)	375	3.5	(2.4 - 5.1)	4.5	47.7	51.7	10.7	51.5	-	C76-80
All sites but skin	17248	**156.4**	**(148.1 - 165.2) <**	166.8	**75.7 >**	70.4	4.7	49.9	-	ALLb

Data compared to: ELSEWHERE (1993-1997) (Published in CI5 Volume VIII)

Table 5.4a CI5 Volume IX (editorial table 4)

Group A (1998-2002)

CI5 volume 9 (Editorial sheet 4)
Quality indicators

MALE

S I T E	Cases		ASR (l-u)	ASR v8	MV(%)	MV v8(%)	DCO(%)	M/I(%)	UB(%)	ICD-10
Mouth & pharynx	1252	7.6	(5.8 - 9.9)	8.2	99.1	98.9	-	40.7	-	C00-14
Oesophagus	600	3.3	(3.0 - 3.6)	3.3	96.3	94.0	0.7	88.7	-	C15
Stomach	1825	**9.1**	**(8.0 - 10.4) <**	11.6	96.5	96.3	0.3	81.4	-	C16
Colon, rectum, anus	7808	40.7	(37.9 - 43.8)	39.6	96.1	96.4	0.4	**50.1 <**	0.0	C18-21
Liver	388	2.1	(1.6 - 2.6)	1.7	**83.5 <**	89.0	2.1	78.1	-	C22
Pancreas	1403	7.3	(6.0 - 9.0)	7.5	60.9	64.2	1.7	96.3	0.1	C25
Larynx	534	3.0	(2.5 - 3.6)	3.3	**99.4 >**	97.5	-	32.4	-	C32
Lung, trachea, bronchus	6516	35.5	(25.2 - 49.9)	36.4	**87.4 <**	90.3	1.0	88.6	0.0	C33-34
Pleura & other thoracic	93	0.6	(0.4 - 0.8)	0.5	76.3	75.8	3.2	**92.5 >**	-	C37-38
Melanoma of skin	2305	14.2	(11.1 - 18.1)	14.3	**99.7 <**	100.0	0.0	28.1	-	C43
Prostate	14669	**76.0**	**(61.2 - 94.3) >**	60.9	**92.1 <**	95.2	1.0	**36.8 <**	0.0	C61
Testis	1171	**9.6**	**(8.5 - 10.8) >**	8.2	99.6	99.5	-	4.3	-	C62
Kidney & urinaryNOS	1652	9.5	(7.4 - 12.1)	10.3	**86.1 <**	89.0	1.0	51.3	-	C64-66,68
Bladder	3889	19.6	(15.9 - 24.1)	21.3	97.9	98.4	0.2	32.0	0.0	C67
Brain & nervous sytem	955	**6.7**	**(5.9 - 7.5) <**	7.8	**85.0 >**	75.2	0.4	**77.7 >**	-	C70-72
Thyroid	247	1.6	(1.3 - 2.0)	1.5	98.4	98.7	0.4	26.3	-	C73
Lymphoma	2964	17.8	(15.7 - 20.2)	16.3	**97.5 >**	84.1	0.5	**54.9 <**	0.1	C81-85,90,88,96
Leukaemia	1817	**11.0**	**(10.0 - 12.1) >**	8.1	**93.3 >**	60.1	4.9	**43.0 <**	0.1	C91-95
Ill-defined (2.6%)	1412	**6.8**	**(5.3 - 8.6) <**	9.1	**60.7 <**	66.1	3.5	100.2	-	C76-80
All sites but skin	53499	293.8	(282.1 - 305.9)	282.5	**91.7 >**	91.3	0.9	**52.3 <**	0.0	ALLb

FEMALE

S I T E	Cases		ASR (l-u)	ASR v8	MV(%)	MV v8(%)	DCO(%)	M/I(%)	UB(%)	ICD-10
Mouth & pharynx	655	3.2	(2.6 - 4.0)	3.2	98.9	98.7	-	41.1	-	C00-14
Oesophagus	252	**1.0**	**(0.9 - 1.2) >**	0.8	95.6	93.0	0.4	84.1	-	C15
Stomach	1192	**4.4**	**(3.7 - 5.3) <**	5.5	94.1	93.7	0.7	85.2	-	C16
Colon, rectum, anus	8066	32.7	(26.7 - 40.1)	32.7	94.5	94.2	0.5	**49.7 <**	-	C18-21
Liver	250	1.1	(0.8 - 1.5)	0.9	77.2	75.0	2.4	89.2	-	C22
Pancreas	1633	5.8	(4.8 - 7.1)	5.8	**50.0 <**	58.9	2.7	97.6	-	C25
Larynx	96	**0.5**	**(0.4 - 0.6) <**	0.6	95.8	99.0	-	41.7	-	C32
Lung, trachea, bronchus	3761	19.2	(15.1 - 24.4)	16.6	**87.1 <**	89.6	0.9	83.0	-	C33-34
Pleura & other thoracic	41	0.2	(0.1 - 0.2)	0.2	61.0	75.9	7.3	97.6	-	C37-38
Melanoma of skin	2472	14.6	(11.1 - 19.1)	16.1	**99.8 <**	100.0	-	16.3	-	C43
Breast	12521	**71.0**	**(65.2 - 77.3) >**	63.2	98.4	98.5	0.3	**29.4 <**	-	C50
Cervix	1524	**10.0**	**(8.3 - 12.1) <**	12.2	99.6	99.3	-	35.6	-	C53
Corpus & Uterus NOS	2813	14.4	(13.0 - 15.9)	13.8	98.5	98.0	0.2	**23.1 <**	-	C54-55
Ovary	2343	12.8	(10.1 - 16.2)	13.2	94.0	95.0	0.7	67.8	0.0	C56
Kidney & urinaryNOS	1078	4.8	(3.7 - 6.3)	5.5	**79.0 <**	86.1	1.2	56.4	0.2	C64-66,68
Bladder	1341	5.4	(3.9 - 7.5)	5.5	95.6	96.0	0.6	41.7	-	C67
Brain & nervous sytem	736	**4.8**	**(4.2 - 5.4) <**	6.5	**77.3 >**	69.1	1.0	**76.1 >**	-	C70-72
Thyroid	649	4.2	(3.9 - 4.6)	4.3	98.5	98.0	0.2	19.3	-	C73
Lymphoma	2670	12.9	(11.0 - 15.3)	11.0	**96.1 >**	83.1	0.7	**54.7 <**	0.1	C81-85,90,88,96
Leukaemia	1278	**6.7**	**(5.9 - 7.5) >**	5.4	**95.5 >**	54.3	2.5	**52.0 <**	0.2	C91-95
Ill-defined (3.6%)	1757	5.8	(4.0 - 8.4)	7.7	**57.1 <**	64.6	6.5	100.7	-	C76-80
All sites but skin	49387	246.4	(235.6 - 257.6)	241.3	**92.0 >**	91.0	0.8	**49.1 <**	0.0	ALLb

Data compared to: Group A (1993-1997) (Published in CI5 Vol.8.)

Table 5.4b CI5 Volume IX (editorial table 4)

Group B (1998-2002)

CI5 volume 9 (Editorial sheet 4)
Quality indicators

MALE

S I T E	Cases	ASR (l-u)		ASR v8	MV(%)	MV v8(%)	DCO(%)	M/I(%)	UB(%)	ICD-10
Mouth & pharynx	5006	**23.9**	**(21.0 - 27.2) <**	28.3	**85.5 >**	81.1	4.9	**35.3 >**	-	C00-14
Oesophagus	2406	**12.0**	**(10.4 - 13.8) <**	15.0	**78.1 >**	68.5	9.3	**65.1 >**	-	C15
Stomach	5895	**29.4**	**(26.7 - 32.4) <**	39.8	**79.5 >**	71.1	8.4	**55.1 >**	-	C16
Colon, rectum, anus	6570	32.8	(27.3 - 39.3)	34.2	**81.8 >**	76.8	6.2	**37.9 >**	-	C18-21
Liver	585	**2.9**	**(2.2 - 3.8) >**	1.9	**94.7 <**	100.0	1.2	**209.9 <**	-	C22
Pancreas	1315	6.6	(5.7 - 7.5)	6.8	36.0	35.2	27.0	92.7	-	C25
Larynx	2542	**12.8**	**(11.4 - 14.4) <**	17.6	**81.5 >**	73.0	6.8	47.3	-	C32
Lung, trachea, bronchus	6525	**33.5**	**(31.0 - 36.2) <**	44.0	**66.9 >**	59.7	13.8	**72.8 >**	-	C33-34
Pleura & other thoracic	148	0.7	(0.5 - 0.9)	0.5	54.7	40.0	21.6	74.3	-	C37-38
Melanoma of skin	1392	**6.5**	**(5.8 - 7.3) >**	5.3	99.6	99.8	-	20.0	-	C43
Prostate	16155	**84.8**	**(71.4 - 100.7) >**	66.6	**83.8 >**	77.6	5.3	**20.4 <**	-	C61
Testis	740	**2.7**	**(2.3 - 3.0) >**	2.3	**76.5 <**	85.2	2.0	13.4	-	C62
Kidney & urinaryNOS	1469	7.2	(6.2 - 8.3)	6.6	**74.1 >**	65.4	9.1	33.7	-	C64-66,68
Bladder	3309	16.8	(13.0 - 21.8)	20.6	85.8	84.0	4.7	**26.6 >**	-	C67
Brain & nervous sytem	1796	8.0	(7.6 - 8.5)	8.0	58.4	61.2	14.9	**61.5 >**	-	C70-72
Thyroid	861	**3.6**	**(3.4 - 3.9) >**	3.1	**85.9 <**	91.1	1.2	7.8	-	C73
Lymphoma	3887	17.8	(16.9 - 18.8)	18.1	99.4	99.8	-	35.8	-	C81-85,90,88,96
Leukaemia	2029	**9.1**	**(8.7 - 9.6) <**	10.2	99.1	99.7	-	**51.0 >**	-	C91-95
Ill-defined (5.0%)	3541	**17.3**	**(15.3 - 19.5) <**	22.5	44.2	43.6	22.2	40.1	-	C76-80
All sites but skin	70229	**346.6**	**(339.6 - 353.8) <**	373.3	**79.0 >**	73.5	7.6	41.6	-	ALLb

FEMALE

S I T E	Cases	ASR (l-u)		ASR v8	MV(%)	MV v8(%)	DCO(%)	M/I(%)	UB(%)	ICD-10
Mouth & pharynx	1682	**5.9**	**(4.8 - 7.3) <**	7.4	79.5	79.3	5.5	22.1	-	C00-14
Oesophagus	621	**2.2**	**(1.9 - 2.6) <**	3.0	**75.0 >**	68.4	10.6	54.8	-	C15
Stomach	3600	**12.4**	**(11.0 - 13.9) <**	15.6	**77.9 >**	69.1	9.6	50.2	-	C16
Colon, rectum, anus	7518	26.3	(21.9 - 31.5)	27.0	**81.0 >**	73.9	7.0	36.8	-	C18-21
Liver	300	1.1	(0.8 - 1.6)	0.9	**91.3 <**	100.0	4.0	280.0	-	C22
Pancreas	1449	5.0	(4.4 - 5.7)	5.5	38.2	33.5	28.9	92.7	-	C25
Larynx	486	1.8	(1.4 - 2.3)	2.0	74.5	71.7	4.9	28.6	-	C32
Lung, trachea, bronchus	3247	**11.7**	**(10.8 - 12.6) <**	13.1	**66.6 >**	59.8	14.2	**65.5 >**	-	C33-34
Pleura & other thoracic	154	**0.6**	**(0.4 - 0.8) >**	0.3	**63.0 >**	38.7	13.6	59.1	-	C37-38
Melanoma of skin	1687	5.7	(4.4 - 7.5)	4.6	**100.0 <**	100.0	-	17.2	-	C43
Breast	22598	80.8	(74.1 - 88.1)	87.6	**82.2 >**	78.8	4.6	22.8	-	C50
Cervix	6028	**21.1**	**(20.2 - 22.0) <**	26.3	85.6	84.2	4.1	**24.9 >**	-	C53
Corpus & Uterus NOS	2940	**10.7**	**(8.6 - 13.3) <**	15.4	76.2	76.5	8.3	**40.1 >**	-	C54-55
Ovary	3197	11.6	(9.9 - 13.5)	12.0	**74.4 >**	69.0	9.1	38.3	-	C56
Kidney & urinaryNOS	925	3.4	(3.0 - 4.0)	3.4	**74.3 >**	66.2	8.6	33.0	-	C64-66,68
Bladder	1299	4.5	(3.1 - 6.4)	4.6	79.1	74.7	6.2	27.3	-	C67
Brain & nervous sytem	1716	6.3	(5.9 - 6.7)	6.7	**53.6 <**	61.2	16.1	**59.3 >**	-	C70-72
Thyroid	4399	**14.9**	**(12.4 - 17.8) >**	10.7	**86.3 <**	91.9	0.7	3.3	-	C73
Lymphoma	3656	13.0	(12.1 - 13.9)	13.0	99.6	99.6	-	36.6	-	C81-85,90,88,96
Leukaemia	1739	**6.4**	**(6.0 - 6.8) <**	7.4	**99.4 <**	100.0	-	52.9	-	C91-95
Ill-defined (4.7%)	3662	**12.7**	**(11.2 - 14.4) <**	16.6	44.8	45.7	21.4	40.4	-	C76-80
All sites but skin	77358	**273.8**	**(267.9 - 279.8) <**	302.2	**78.5 >**	75.2	7.1	34.5	-	ALLb

Data compared to: Group B (1993,1997) (Submitted for CI5 Vol.8 - Not published.)

Table 5.4c CI5 Volume IX (editorial table 4)

Group C, Example 1 (1998-2002)

CI5 volume 9 (Editorial sheet 4)
Quality indicators

MALE

S I T E	Cases		ASR (l-u)	ASR v8	MV(%)	MV v8(%)	DCO(%)	M/I(%)	UB(%)	ICD-10
Mouth & pharynx	93	6.4	(4.9 - 8.3)	6.0	**65.6 <**	80.5	-	-	-	C00-14
Oesophagus	125	14.1	(11.6 - 17.1)	13.2	**56.0 >**	39.6	-	-	-	C15
Stomach	59	6.2	(4.1 - 9.4)	7.0	42.4	50.9	-	-	-	C16
Colon, rectum, anus	75	7.5	(5.9 - 9.6)	7.7	58.7	58.8	-	-	-	C18-21
Liver	100	8.7	(5.7 - 13.3)	6.5	40.0	36.5	-	-	-	C22
Pancreas	12	1.2	(0.9 - 1.6)	1.0	16.7	25.0	-	-	-	C25
Larynx	14	1.4	(1.1 - 1.8)	1.3	57.1	90.0	-	-	-	C32
Lung, trachea, bronchus	46	4.8	(3.9 - 6.1)	3.9	65.2	60.6	-	-	-	C33-34
Pleura & other thoracic	1	*0.0*	*(0.0 - 0.0) <*	0.3	*100.0 <*	100.0	-	-	-	C37-38
Melanoma of skin	9	*0.9*	*(0.7 - 1.1) <*	1.3	*100.0 >*	90.9	-	-	-	C43
Prostate	262	37.6	(30.2 - 46.8)	37.1	**57.6 <**	77.2	-	-	-	C61
Testis	7	0.6	(0.5 - 0.8)	0.5	71.4	50.0	-	-	-	C62
Kidney & urinaryNOS	23	0.8	(0.6 - 1.2)	1.2	78.3	72.7	-	-	-	C64-66,68
Bladder	29	3.0	(2.2 - 4.1)	2.9	51.7	52.9	-	-	-	C67
Brain & nervous sytem	10	0.6	(0.4 - 1.0)	0.8	50.0	63.6	-	-	-	C70-72
Thyroid	11	0.5	(0.4 - 0.7)	0.6	*54.5 <*	100.0	-	-	-	C73
Lymphoma	198	**8.4**	**(7.1 - 9.9) >**	7.1	81.8	81.4	-	-	-	C81-85,90,88,9€
Leukaemia	33	*1.3*	*(0.9 - 1.9) >*	0.9	*100.0 >*	78.3	-	-	-	C91-95
Ill-defined (4.1%)	90	6.9	(5.0 - 9.6)	9.1	55.6	68.8	-	-	-	C76-80
All sites but skin	2173	153.6	(145.3 - 162.4)	158.1	**67.1 <**	74.2	-	-	-	ALLb

FEMALE

S I T E	Cases		ASR (l-u)	ASR v8	MV(%)	MV v8(%)	DCO(%)	M/I(%)	UB(%)	ICD-10
Mouth & pharynx	61	3.3	(2.2 - 4.9)	4.7	68.9	72.1	-	-	-	C00-14
Oesophagus	78	**8.4**	**(6.4 - 11.1) <**	12.2	47.4	41.8	-	-	-	C15
Stomach	64	6.9	(5.1 - 9.3)	5.5	45.3	44.7	-	-	-	C16
Colon, rectum, anus	89	8.1	(6.3 - 10.5)	7.3	64.0	67.2	-	-	-	C18-21
Liver	73	5.8	(4.7 - 7.2)	6.0	28.8	39.0	-	-	-	C22
Pancreas	6	*0.4*	*(0.3 - 0.5) <*	1.1	16.7	22.2	-	-	-	C25
Larynx	6	*0.3*	*(0.2 - 0.5) <*	1.1	66.7	87.5	-	-	-	C32
Lung, trachea, bronchus	40	*3.8*	*(2.9 - 5.0) >*	2.3	70.0	65.2	-	-	-	C33-34
Pleura & other thoracic	3	*0.2*	*(0.2 - 0.3) <*	0.5	66.7	60.0	-	-	-	C37-38
Melanoma of skin	16	*1.4*	*(1.1 - 1.8) <*	2.0	93.8	61.5	-	-	-	C43
Breast	332	**23.4**	**(20.8 - 26.4) >**	20.7	68.4	63.4	-	-	0.3	C50
Cervix	649	**45.8**	**(42.8 - 49.1) >**	41.7	59.2	63.9	-	-	-	C53
Corpus & Uterus NOS	57	5.4	(4.5 - 6.6)	5.4	71.9	83.3	-	-	-	C54-55
Ovary	114	8.1	(5.8 - 11.4)	6.3	49.1	54.7	-	-	-	C56
Kidney & urinaryNOS	17	*0.4*	*(0.3 - 0.5) <*	1.5	70.6	72.7	-	-	-	C64-66,68
Bladder	17	*1.8*	*(1.4 - 2.3) >*	1.2	64.7	25.0	-	-	-	C67
Brain & nervous sytem	14	*0.7*	*(0.5 - 1.0) >*	0.4	*35.7 <*	100.0	-	-	-	C70-72
Thyroid	26	*1.5*	*(1.2 - 1.9) <*	4.6	92.3	80.9	-	-	-	C73
Lymphoma	156	6.4	(5.3 - 7.8)	6.1	78.8	79.9	-	-	-	C81-85,90,88,9€
Leukaemia	29	1.4	(0.9 - 2.1)	1.6	*100.0 >*	62.5	-	-	-	C91-95
Ill-defined (3.3%)	92	7.9	(5.4 - 11.5)	6.8	**50.0 <**	67.5	-	-	-	C76-80
All sites but skin	2777	171.4	(161.8 - 181.5)	169.9	**65.9 <**	69.0	-	-	0.0	ALLb

Data compared to: Group C, Example 1 (1993-1997) (Published in CI5 Vol.8.)
No mortality data to compare to.

Table 5.4c (contd). CI5 Volume IX (editorial table 4)

Group C, Example 2 (1998-2002)

CI5 volume 9 (Editorial sheet 4)
Quality indicators

MALE

S I T E	Cases		ASR (l-u)	ASR v8	MV(%)	MV v8(%)	DCO(%)	M/I(%)	UB(%)	ICD-10
Mouth & pharynx	83	6.4	(5.6 - 7.3)	5.6	96.4	98.4	-	-	-	C00-14
Oesophagus	254	20.2	(16.9 - 24.2)	20.7	**77.2 <**	89.8	1.2	-	-	C15
Stomach	431	**32.1**	**(29.2 - 35.2) <**	38.9	**90.7 <**	97.0	0.5	-	-	C16
Colon, rectum, anus	272	20.9	(16.9 - 25.7)	21.8	96.7	98.8	0.4	-	-	C18-21
Liver	440	33.8	(26.1 - 43.7)	36.7	**20.0 >**	10.3	0.5	-	-	C22
Pancreas	91	7.1	(5.6 - 9.0)	6.0	30.8	19.0	-	-	-	C25
Larynx	14	1.1	(0.9 - 1.3)	1.0	*100.0 <*	100.0	-	-	-	C32
Lung, trachea, bronchus	600	46.7	(42.2 - 51.7)	44.1	**32.5 >**	25.6	0.5	-	-	C33-34
Pleura & other thoracic	7	*0.6*	*(0.5 - 0.7) <*	0.7	28.6	25.0	-	-	-	C37-38
Melanoma of skin	2	*0.1*	*(0.1 - 0.2) <*	0.4	*100.0 <*	100.0	-	-	-	C43
Prostate	16	*1.4*	*(1.3 - 1.5) <*	1.9	56.2	68.8	-	-	-	C61
Testis	8	*0.7*	*(0.6 - 0.8) >*	0.4	*100.0 <*	100.0	-	-	-	C62
Kidney & urinaryNOS	24	*1.8*	*(1.5 - 2.2) >*	1.0	62.5	70.0	-	-	-	C64-66,68
Bladder	73	5.9	(4.8 - 7.2)	6.1	97.3	92.3	-	-	-	C67
Brain & nervous sytem	46	4.0	(2.9 - 5.6)	4.7	54.3	45.8	-	-	-	C70-72
Thyroid	11	*1.0*	*(0.7 - 1.4) >*	0.6	*72.7 <*	100.0	-	-	-	C73
Lymphoma	48	4.3	(2.9 - 6.4)	4.3	*100.0 <*	100.0	-	-	-	C81-85,90,88,96
Leukaemia	52	5.8	(3.9 - 8.6)	5.4	**100.0 <**	100.0	-	-	-	C91-95
Ill-defined (0.7%)	17	*1.3*	*(1.1 - 1.6) >*	0.3	*88.2 >*	-	11.8	-	-	C76-80
All sites but skin	2586	202.7	(156.7 - 262.1)	209.7	61.3	61.3	0.5	-	-	ALLb

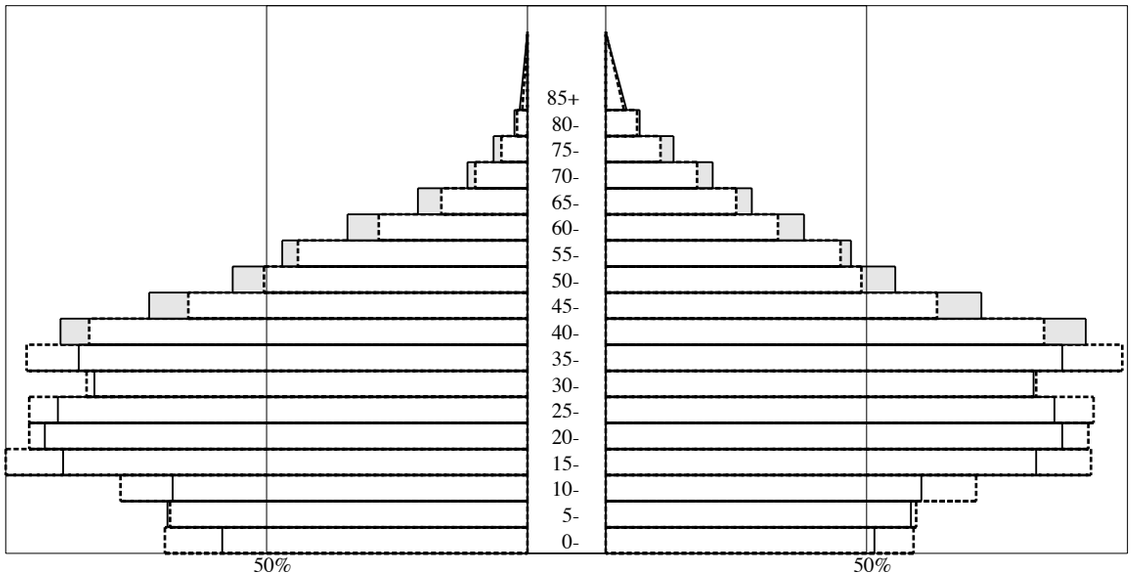
FEMALE

S I T E	Cases		ASR (l-u)	ASR v8	MV(%)	MV v8(%)	DCO(%)	M/I(%)	UB(%)	ICD-10
Mouth & pharynx	33	2.3	(1.8 - 2.9)	2.2	*93.9 <*	100.0	-	-	-	C00-14
Oesophagus	70	4.8	(3.7 - 6.2)	5.3	84.3	90.9	2.9	-	-	C15
Stomach	156	**10.6**	**(9.0 - 12.5) <**	15.7	**81.4 <**	94.7	0.6	-	-	C16
Colon, rectum, anus	242	17.8	(13.8 - 23.0)	17.9	97.1	99.0	-	-	-	C18-21
Liver	174	12.6	(10.3 - 15.5)	14.5	**16.7 >**	4.8	0.6	-	-	C22
Pancreas	82	**5.4**	**(4.5 - 6.5) >**	3.4	25.6	22.0	-	-	-	C25
Larynx	2	*0.2*	*(0.1 - 0.2) >*	0.1	*100.0 <*	100.0	-	-	-	C32
Lung, trachea, bronchus	182	**13.0**	**(11.7 - 14.4) >**	11.0	**32.4 >**	21.2	0.5	-	-	C33-34
Pleura & other thoracic	5	*0.4*	*(0.3 - 0.4) >*	0.1	*60.0 >*	-	-	-	-	C37-38
Melanoma of skin	4	*0.3*	*(0.2 - 0.3) <*	0.3	*100.0 <*	100.0	-	-	-	C43
Breast	199	**14.7**	**(13.3 - 16.3) >**	9.1	99.5	98.1	-	-	-	C50
Cervix	33	*2.4*	*(2.0 - 2.9) >*	1.2	*100.0 <*	100.0	-	-	-	C53
Corpus & Uterus NOS	17	*1.2*	*(1.1 - 1.4) <*	2.9	88.2	81.2	-	-	-	C54-55
Ovary	47	*3.7*	*(2.9 - 4.8) >*	2.3	*100.0 >*	88.9	-	-	-	C56
Kidney & urinaryNOS	11	*0.8*	*(0.7 - 1.0) >*	0.6	72.7	50.0	-	-	-	C64-66,68
Bladder	15	*1.0*	*(0.8 - 1.3) >*	0.7	86.7	87.5	-	-	-	C67
Brain & nervous sytem	45	*3.6*	*(2.6 - 5.1) >*	2.4	51.1	61.5	2.2	-	-	C70-72
Thyroid	20	1.5	(1.1 - 1.9)	1.2	*95.0 <*	100.0	-	-	-	C73
Lymphoma	23	2.5	(1.8 - 3.3)	1.9	*100.0 <*	100.0	-	-	-	C81-85,90,88,96
Leukaemia	41	*4.5*	*(3.2 - 6.4) >*	3.0	*100.0 <*	100.0	-	-	-	C91-95
Ill-defined (0.7%)	11	*0.8*	*(0.7 - 0.9) >*	0.1	*81.8 >*	-	9.1	-	-	C76-80
All sites but skin	1507	110.9	(90.7 - 135.6)	103.7	71.1	70.4	0.5	-	-	ALLb

Data compared to: Group C, Example 2 (1993-1997) (Published in CI5 Vol.8.)

Figure 5.3 Population pyramids

ELSEWHERE (1998-2002)



1899314
Vol 8: 1928923
(V9/V8: 98%)

Population data provided for 5 year(s).

1901520
Vol 8: 1930295
(V9/V8: 98%)

Figure 5.4 CI5 Volume IX Data Process-Summary

Registry number: 441099

Registry name: Elsewhere Cancer Registry

Date: 20/03/2007

Files submitted:

Case listing ☒ Population ☒ Mortality ☒

Data originally re-coded/coded according to ICDO-3……. yes☒ No ☐

Data originally coded according to:

Topography:……ICD9 ☐ ICD10☐ T-ICDO-2 ☒ Other ☐

Morphology:…… M-ICDO-1 ☐ M-ICDO-2 ☒ Other ☐

Re-code performed by:……registry ☒ or IARC☐

Validity of single records checked (*IARCcrgTools*) by registry & confirmed ☒
by IARC ☒
Data-check list ☐ Date:

Multiple Primaries

ICDO-3 (2004) by IARC-DEP (*IARCcrgTools*) **on historical data**… …….. ☐

ICDO-3 (2004) by IARC-DEP (*IARCcrgTools*) **only on the CI5 IX period** …….. ☒

Years …….. 1998-2002

Remarks

DATA VALIDATED **yes**☒ **No** ☐

Table 5.5 Multiple primary rules for the years 1998–2002

Continents (No. of registries)	ICD-O-1	ICD-O-2	ICD-O-3 2000	ICD-O-2 + ICD-O-3 2000	ICD-O-3 2004	Others	N/A
Africa (5)	1	1	2	0	0	1	0
South and Central America (11)	0	5	2	1	3	0	0
North America (54)	0	1	2	29	4	13	5
Asia (44)	1	14	6	7	7	4	5
Europe (100)	4	28	12	8	25	22	1
Oceania (11)	0	6	2	1	0	2	0
Total (225)	6 (2.7%)	55 (24.4%)	26 (11.6%)	46 (20.4%)	39 (17.3%)	42 (18.7%)	11 (4.9%)

Table 5.6 Screening program as data source

Continents (No. of registries)									Cases with Necropsy	Distinguish DCN
	Cervix	Breast	Prostate	Colo-rectal	Mela-noma	Lung	Mouth	Others	Yes	Yes
Africa (5)	3	1	0	0	0	0	0	0	3	2
South and Central America (11)	10	5	2	1	1	0	0	0	5	6
North America (54)	35	36	4	4	1	0	1	0	51	20
Asia (44)	18	16	1	13	0	5	3	12	21	31
Europe (100)	45	59	5	14	7	2	1	1	86	53
Oceania (11)	7	7	1	1	1	1	1	1	9	4
Total (225)	118 (52.4%)	124 (55.1%)	13 (5.8%)	33 (14.7%)	10 (4.4%)	8 (3.6%)	6 (2.7%)	14 (6.2%)	175 (77.8%)	116 (51.6%)

Table 5.8 Summary of applied inclusion criteria for comparability and quality of data in Volume IX

Group A	**Group B**	**Group C**	**Excluded**
Complete coverage	No access to death certificates	No *ad hoc* study of completeness	Data with ≤2 years
Death reporting meets WHO recommendations	Official mortality data not available by cause, or poor quality by cause	No death clearance as source of case finding	DCO >20% %Unk >20% ill-defined site >20%; overall MV% <75%
%Unk <10% DCO <10% Ill-defined site <10% MV% >80% DCO 0.0% (no DCOs)*	10% < %Unk <20% 10% < DCO <20% 10% < ill defined <20% 10% < age unk <20% 75% < MV% <80%	No official mortality data	MV% too high (99–100%) MV% low for selected sites; M/I threshold by site
No abrupt trends, cases; Denominators OK	*MV% but C22*** *MV% but C91-95****		Implausible incidence rates; Specialized registries, e.g. childhood, mesothelioma

*No DCO cases due to complete trace back for the DCN cases; **C22: liver cancer; ***C91-95: leukaemia.

Table 5.7 Registration practices

Registry	MP rules	Screening programme as data source								Cases with		Distinguish	
	1998-2002	Cervix	Breast	Prostate	Colorec-tal	Mela-noma	Lung	Mouth	Others	Necropsy	Necropsy (%)	DCN	DCN%
Africa													
Algeria, Setif	ICDO-1	Yes	No	No	No	No	No	No	No	No	-	No	-
Egypt, Gharbiah	Other	No	No	No	No	No	No	No	No	No	-	Yes	5.5
Tunisia, Central Region	ICDO-2	Yes	No	No	No	No	No	No	No	Yes	< 1	No	-
Uganda, Kyadondo County	ICDO-3 (2000)	No	No	No	No	No	No	No	No	Yes	NK	No	-
Zimbabwe, Harare	ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	NA	Yes	NK	Yes	10
South and Central America													
Argentina, Bahia Blanca	ICDO-3 (2004)	Yes	Yes	Yes	No	No	No	No	No	Yes	3	No	-
Brazil, Brasilia	ICDO-2	Yes	No	No	No	No	No	No	No	Yes	12	Yes	60
Brazil, Cuiaba	ICDO-2	Yes	No	No	No	No	No	No	No	No	-	No	-
Brazil, Goiânia	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	No	-	Yes	4.23
Brazil, São Paulo	ICDO-2	Yes	No	No	No	No	No	No	No	Yes	0.6	Yes	9.6
Chile, Valdivia	ICDO-3 (2004)	Yes	Yes	No	No	No	No	No	No	Yes	NK	No	-
Colombia, Cali	ICDO-3 (2004)	Yes	No	No	No	No	No	No	No	No	NK	No	-
Costa Rica	ICDO-3 (2000)	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	0.42	Yes	1.75
Ecuador, Quito	ICDO-2	No	No	No	No	No	No	No	No	No	-	Yes	8.2
France, Martinique	ICDO-2	Yes	Yes	No	No	No	No	No	No	No	-	NA	NA
Peru, Trujillo	ICDO-3 (2000)	Yes	No	No	No	No	No	No	No	No	2	Yes	86.3
North America													
Canada	ICDO-3 (2004)	No	No	No	No	No	No	No	No	Yes	NK	No	-
Canada, Alberta	ICDO-2 and ICDO-3 (2000)	No	Yes	No	No	No	No	No	No	Yes	0.3	Yes	0.3
Canada, British Columbia	Other	Yes	Yes	No	No	No	No	No	No	No	-	No	-
Canada, Manitoba	ICDO-2 and ICDO-3 (2000)	Yes	Yes	Yes	No	No	No	No	No	Yes	-	NA	NA
Canada, New Brunswick	SEER rules	No	Yes	No	No	No	No	No	No	Yes	0.69	No	-
Canada, Newfoundland and Labrador	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	No	-	No	-
Canada, Northwest Territories	ICDO-2 and ICDO-3 (2004)	Yes	No	No	No	No	No	No	No	Yes	NK	Yes	NK

Table 5.7 Registration practices

Registry	MP rules	Screening programme as data source								Cases with		Distinguish	
	1998-2002	Cervix	Breast	Prostate	Colorec-tal	Mela-noma	Lung	Mouth	Others	Necropsy	Necropsy (%)	DCN	DCN%
Canada, Nova Scotia	ICDO-2 and ICDO-3 (2000)	Yes	Yes	Yes	No	No	No	No	No	Yes	< 1	No	-
Canada, Ontario	ICDO-3 (2004)	No	No	No	No	No	No	No	No	Yes	<5	No	-
Canada, Prince Edward Island	Other	No	No	No	No	No	No	No	No	Yes	NK	No	-
Canada, Saskatchewan	ICDO-3 (2004)	Yes	Yes	NA	NA	NA	NA	NA	NA	Yes	2.4	Yes	2.78
USA, Alabama	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	Yes	NK	No	2.06 (2002)
USA, Alaska	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	Yes	2.6	Yes	1
USA, Arizona	SEER rules	No	No	No	No	No	No	No	No	Yes	0.1	NA	NA
USA, California	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	Yes	0.21	No	-
USA, California, Greater San Francisco Bay Area	NA	NA	NA	NA	NA	NA	NA	NA	NA	Yes	NK	NA	NA
USA, California, Los Angeles County	ICDO-2, ICDO-3 (2000) and SEER rules	No	No	No	No	No	No	No	No	Yes	NK	No	-
USA, Colorado	ICDO-2 and ICDO-3(2000)	Yes	Yes	No	No	No	No	No	No	Yes	<1	No	-
USA, Connecticut	ICDO-2, ICDO-3 (2000) and SEER rules	Yes	Yes	No	No	No	No	No	No	Yes	NK	Yes	1
USA, District of Columbia	NA	Yes	Yes	Yes	No	No	No	NA	No	Yes	<3	No	-
USA, Florida	ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	Yes	<0.5	Yes	<1
USA, Georgia	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	Yes	NK	No	-
USA, Georgia, Atlanta	ICDO-3 (2004)	Yes	Yes	No	No	No	No	No	No	Yes	NK	No	-
USA, Idaho	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	Yes	NK	Yes	2.7
USA, Illinois	SEER rules	Yes	Yes	No	No	No	No	No	No	Yes	NK	No	-
USA, Indiana	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	Yes	NK	No	-
USA, Iowa	SEER rules	No	No	No	No	No	No	No	No	Yes	NK	No	5.22
USA, Kentucky	SEER rules	Yes	Yes	No	No	Yes	No	No	No	Yes	0.1	Yes	1.2
USA, Louisiana	ICDO-2 and ICDO-3 (2000)	No	No	No	No	No	No	No	No	Yes	0.2	No	-

Table 5.7 Registration practices

Registry	MP rules 1998-2002	Screening programme as data source								Cases with		Distinguish	
		Cervix	Breast	Prostate	Colorec-tal	Mela-noma	Lung	Mouth	Others	Necropsy	Necropsy (%)	DCN	DCN%
USA, Louisiana, New Orleans	ICDO-2 and ICDO-3 (2000)	No	No	No	No	No	No	No	No	Yes	0.2	No	-
USA, Maine	ICDO-2 and ICDO-3 (2000)	No	No	No	No	No	No	No	No	Yes	0.04	No	-
USA, Massachusetts	SEER rules	Yes	Yes	Yes	No	No	No	No	No	Yes	0.15	Yes	3
USA, Michigan	SEER rules	Yes	Yes	No	No	No	No	No	No	Yes	<5	Yes	7
USA, Michigan, Detroit	ICDO-2 and ICDO-3 (2000)	No	No	No	No	No	No	No	No	Yes	NK	Yes	NA
USA, Missouri	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	Yes	<1	Yes	NK
USA, Montana	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	Yes	0.1	Yes	5
USA, New Jersey	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	Yes	34	Yes	1.3
USA, New Mexico	NA	Yes	Yes	No	No	No	No	No	No	Yes	2	No	-
USA, New York State	SEER rules	No	No	No	No	No	No	No	No	Yes	3	No	-
USA, NPCR													
USA, Ohio	NA	Yes	Yes	No	Yes	No	No	No	No	Yes	0.001	No	-
USA, Oklahoma	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	Yes	No	No	Yes	No	Yes	1.3	Yes	1.7
USA, Oregon	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	Yes	0.1	No	-
USA, Pennsylvania	SEER rules	Yes	Yes	No	No	No	No	No	No	Yes	NK	No	-
USA, Rhode Island	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	Yes	0.1	Yes	1-2
USA, SEER	ICDO-2, ICDO-3 (2000) and SEER rules	Yes	Yes	No	Yes	No	No	No	No	Yes	NK	No	-
USA, South Carolina	ICDO-2, ICDO-3 (2000) and SEER rules	Yes	Yes	No	No	No	No	No	No	Yes	NK	No	-
USA, Texas	ICDO-2, ICDO-3 (2000) and SEER rules	No	No	No	No	No	No	No	No	Yes	NK	No	-
USA, Utah	SEER rules	No	No	No	No	No	No	No	No	Yes	NK	No	-
USA, Vermont	ICDO-2 and ICDO-3 (2000)	Yes	Yes	NA	NA	NA	NA	NA	NA	Yes	0.2	Yes	1

Table 5.7 Registration practices

Registry	MP rules	Screening programme as data source								Cases with		Distinguish	
	1998-2002	Cervix	Breast	Prostate	Colorec-tal	Mela-noma	Lung	Mouth	Others	Necropsy	Necropsy (%)	DCN	DCN%
USA, Washington	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	Yes	No	No	No	No	Yes	<0.5	Yes	1-2
USA, Washington, Seattle	ICDO-2 and ICDO-3 (2000)	No	No	No	No	No	No	No	No	Yes	NK	Yes	<1
USA, West Virginia	ICDO-2	Yes	Yes	NA	NA	NA	NA	NA	NA	Yes	NK	No	-
USA, Wisconsin	ICDO-3 (2000)	No	No	No	No	No	No	No	No	Yes	3	Yes	7
Asia													
Bahrain	ICDO-3 (2004)	Yes	Yes	No	No	No	No	No	No	No	-	Yes	15-25
China, Guangzhou	ICDO-2	No	No	No	No	No	No	No	No	No	NK	Yes	9.3
China, Hong Kong	NA	No	No	No	No	No	No	No	No	Yes	NK	No	-
China, Jiashan	ICDO-3 (2000)	No	No	No	Yes	No	No	No	No	Yes	<0.01	Yes	0.5
China, Nangang District, Harbin City	Other	No	No	No	No	No	No	No	No	No	-	Yes	1.94
China, Shanghai	ICDO-2	No	No	No	No	No	No	No	No	No	-	Yes	10
China, Zhongshan	ICDO-2	No	No	No	No	No	No	No	Nasopha-rynx	Yes	NK	Yes	0.08
Cyprus	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	No	-	NA	NA
India, Chennai (Madras)	ICMR National Cancer Registry	No	No	No	No	No	No	No	No	No	-	Yes	5.1
India, Karunagappally	NA	Yes	Yes	NA	NA	NA	NA	Yes	Other	No	-	Yes	NA
India, Mumbai (Bombay)	ICDO-2 and ICDO-3 (2000)	No	No	No	No	No	No	No	No	No	-	Yes	52
India, Nagpur	ICDO-2 and ICDO-3 (2000)	No	No	No	No	No	No	No	No	No	-	Yes	30
India, New Delhi	ICDO-1	No	No	No	No	No	No	No	No	No	-	Yes	NA
India, Poona	ICDO-2 and ICDO-3 (2000)	No	No	No	No	No	No	No	No	No	-	Yes	42
India, Trivandrum	ICDO-2	NA	NA	NA	NA	NA	NA	Yes	No	No	-	Yes	3
Israel	ICDO-3 (2000)	NA	NA	NA	NA	NA	NA	NA	NA	Yes	<0.01	Yes	2.9
Japan, Aichi Prefecture	ICDO-2	No	No	No	No	No	No	No	No	No	-	NA	NA
Japan, Fukui Prefecture	NA	No	No	No	Yes	No	No	No	Stomach	Yes	<1	Yes	1.7
Japan, Hiroshima	Other	No	No	No	No	No	No	No	No	Yes	NK	No	-

Table 5.7 Registration practices

Registry	MP rules	Screening programme as data source								Cases with		Distinguish	
	1998-2002	Cervix	Breast	Prostate	Colorec-tal	Mela-noma	Lung	Mouth	Others	Necropsy	Necropsy (%)	DCN	DCN%
Japan, Miyagi Prefecture	ICDO-2	Yes	Yes	No	Yes	No	Yes	No	Stomach	Yes	NK	Yes	14
Japan, Nagasaki Prefecture	ICDO-3 (2004)	Yes	Yes	No	Yes	No	Yes	No	Stomach	Yes	NK	No	-
Japan, Osaka Prefecture	ICDO-2	No	No	No	No	No	No	No	No	Yes	5.5 in 2000	Yes	35.1 in 2000
Japan, Yamagata Prefecture	Other and ICDO-3 (2004)	No	No	No	Yes	No	No	No	Stomach	Yes	<1	Yes	22
Korea	ICDO-3 (2000)	Yes	Yes	No	Yes	No	No	No	No	Yes	NK	Yes	7.9
Korea, Busan	ICDO-3 (2000)	Yes	Yes	No	Yes	No	No	No	No	Yes	NK	No	-
Korea, Daegu	ICDO-2	Yes	Yes	No	Yes	No	No	No	No	Yes	NK	Yes	12.9
Korea, Daejeon	ICDO-3 (2000)	Yes	Yes	No	Yes	No	Yes	No	Stomach, liver	No	-	Yes	33.1
Korea, Gwangju	ICDO-3 (2004)	No	No	No	No	No	No	No	No	No	-	No	-
Korea, Incheon	ICDO-2 and ICDO-3 (2000)	Yes	No	No	No	No	Yes	No	No	No	-	Yes	4.6
Korea, Jejudo	ICDO-3 (2004)	Yes	Yes	No	Yes	No	No	No	Stomach, liver	No	-	Yes	5.1
Korea, Seoul	ICDO-3 (2004)	Yes	Yes	No	Yes	No	Yes	No	No	No	-	No	-
Korea, Ulsan	ICDO-3 (2000)	Yes	Yes	No	Yes	No	No	No	Stomach, liver	Yes	NK	Yes	6.4
Kuwait	NA	NA	NA	NA	NA	NA	NA	NA	NA	Yes	0.028	Yes	10.4
Malaysia, Penang	ICDO-2	Yes	Yes	Yes	Yes	No	No	Yes	No	Yes	<1	Yes	10
Malaysia, Sarawak	ICDO-3 (2004)	Yes	Yes	No	No	No	No	No	No	Yes	0	Yes	NA
Oman, Omani	ICDO-2	No	No	No	No	No	No	No	No	No	-	No	-
Pakistan, South Karachi	ICDO-3 (2004)	No	No	No	No	No	No	No	No	No	-	Yes	0.1
Philippines, Manila	NA	No	No	No	No	No	No	No	No	Yes	10	No	-
Singapore	ICDO-2	No	No	No	No	No	No	No	No	Yes	0.01	Yes	0.9
Thailand, Chiang Mai	ICDO-2	Yes	No	No	No	No	No	No	No	Yes	NK	No	-
Thailand, Lampang	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	No	-	Yes	5
Thailand, Songkhla	ICDO-2 and ICDO-3 (2000)	Yes	No	No	No	No	No	No	No	Yes	0	No	-
Turkey, Antalya	ICDO-2	No	No	No	No	No	No	No	No	No	-	Yes	NA
Turkey, Izmir	ICDO-2	No	Yes	No	No	No	No	No	No	No	-	NA	NA

Table 5.7 Registration practices

Registry	MP rules	Screening programme as data source								Cases with		Distinguish	
	1998-2002	Cervix	Breast	Prostate	Colorec-tal	Mela-noma	Lung	Mouth	Others	Necropsy	Necropsy (%)	DCN	DCN%
Europe													
Austria	ICDO-2	No	No	No	No	No	No	No	No	Yes	NK	No	-
Austria, Tyrol	ICDO-1 and ICDO-3 (2000)	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	15	Yes	4
Austria, Vorarlberg	ICDO-2	Yes	Yes	Yes	Yes	No	No	No	No	Yes	<1	Yes	4
Belarus	Other	NA	NA	NA	NA	NA	NA	NA	NA	Yes	0.2-0.5	No	-
Belgium, Antwerp	ICDO-2 and ICDO-3 (2000)	No	No	No	No	No	No	No	No	No	-	No	-
Belgium, Flanders	ICDO-2	Yes	Yes	No	No	Yes	No	No	Regional practices	Yes	0.05	NA	NA
Bulgaria	ICDO-2	No	No	No	No	No	No	No	No	Yes	<1	Yes	13
Croatia	ICDO-2, ICDO-3 (2000) and ICDO-3 (2004)	No	No	No	No	No	No	No	No	Yes	5	NA	NA
Czech Republic	ICDO-3 (2000)	Yes	Yes	No	Yes	No	No	No	No	Yes	21 in 2002	No	-
Denmark	ICDO-3 (2004)	No	No	No	No	No	No	No	No	Yes	< 12	No	6-8
Estonia	ICDO-2	No	No	No	No	No	No	No	No	Yes	NK	No	-
Finland	Other	Yes	Yes	No	Yes	No	No	No	No	Yes	NA	No	-
France, Bas-Rhin	ICDO-3 (2000)	Yes	Yes	NA	NA	NA	NA	NA	NA	Yes	<1	NA	NA
France, Calvados	ICDO-2, ICDO-3 (2000) and ICDO-3 (2004)	No	No	No	No	No	No	No	No	Yes	NK	No	-
France, Doubs	ICDO-2	Yes	No	No	No	No	No	No	No	Yes	NA	No	-
France, Haut-Rhin	ICDO-2	No	No	No	No	No	No	No	No	Yes	NA	No	-
France, Herault	ICDO-2 and ICDO-3 (2000)	No	Yes	Yes	Yes	No	No	No	No	No	-	No	-
France, Isere	ICDO-2, ICDO-3 (2000) and ICDO-3 (2004)	Yes	Yes	No	Yes	No	No	No	No	Yes	<1	No	-
France, Loire-Atlantique	ICDO-2 and ICDO-3 (2000)	No	Yes	No	No	No	No	No	No	No	-	No	-

Table 5.7 Registration practices

Registry	MP rules	Screening programme as data source								Cases with		Distinguish	
	1998-2002	Cervix	Breast	Prostate	Colorec-tal	Mela-noma	Lung	Mouth	Others	Necropsy	Necropsy (%)	DCN	DCN%
France, Manche	ICDO-2, ICDO-3 (2000) and ICDO-3 (2004)	No	No	No	No	No	No	No	No	Yes	NK	Yes	NK
France, Somme	ICDO-3 (2004)	No	Yes	No	No	No	No	No	No	Yes	0.02	Yes	29
France, Tarn	ICDO-3 (2004)	No	No	No	No	No	No	No	No	Yes	NK	No	-
France, Vendee	ICDO-2 and ICDO-3 (2000)	No	Yes	No	No	No	No	No	No	No	-	No	-
Germany, Brandenburg	ICDO-3 (2004)	No	No	No	No	No	No	No	No	Yes	2	Yes	NA
Germany, Free State of Saxony	ICDO-3 (2004)	No	No	No	No	No	No	No	No	Yes	2	Yes	NA
Germany, Hamburg	ICDO-3 (2004)	No	No	No	No	No	No	No	No	Yes	<1	No	-
Germany, Mecklenburg-Western Pomerania	ICDO-3 (2004)	No	No	No	No	No	No	No	No	Yes	2	Yes	NA
Germany, Munich	ICDO-3 (2004)	Yes	No	No	No	No	No	No	No	No	2	Yes	10
Germany, North Rhine-Westphalia: Münster	ICDO-3 (2004)	No	No	No	No	No	No	No	No	Yes	<1	Yes	18
Germany, Saarland	ICDO-2	No	No	No	No	No	No	No	No	Yes	NK	Yes	10
Iceland	Other	Yes	Yes	No	No	No	No	No	No	Yes	9	Yes	2
Ireland	ICDO-2	No	No	No	No	No	No	No	No	Yes	NK	Yes	2.38
Italy, Biella Province	ICDO-3 (2004)	Yes	Yes	No	Yes	No	No	No	No	Yes	0.06	No	-
Italy, Brescia Province	ICDO-2	No	Yes	No	No	No	No	No	No	Yes	0.02	No	-
Italy, Ferrara Province	ICDO-3 (2004)	Yes	Yes	No	Yes	No	No	No	No	Yes	<1	Yes	0.1
Italy, Florence and Prato	ICDO-3 (2004)	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	0.06	Yes	1.3
Italy, Genoa Province	ICDO-3 (2004)	No	Yes since 2000	No	No	No	No	No	No	Yes	<1	No	-
Italy, Macerata Province	ICDO-2 and ICDO-3 (2004)	No	No	No	No	No	No	No	No	Yes	0.1	No	-
Italy, Milan	ICDO-3 (2004)	No	Yes	No	No	No	No	No	No	Yes	0.07	Yes	2.2
Italy, Modena Province	ICDO-3 (2000)	Yes	Yes	NA	Yes	NA	NA	NA	NA	Yes	0.1	Yes	2
Italy, Naples	ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	No	-	Yes	1.3
Italy, North East	ICDO-1 and ICDO-2 and ICDO-3 (2004)	Yes	Yes	No	No	No	No	No	No	Yes	0.25	No	-
Italy, Parma Province	ICDO-3 (2004)	Yes	Yes	NA	NA	NA	NA	NA	NA	Yes	NK	Yes	1.2
Italy, Ragusa Province	ICDO-3 (2004)	No	Yes	No	No	No	No	No	No	No	-	Yes	1.6

Table 5.7 Registration practices

Registry	MP rules	Screening programme as data source								Cases with		Distinguish	
	1998-2002	Cervix	Breast	Prostate	Colorec-tal	Mela-noma	Lung	Mouth	Others	Necropsy	Necropsy (%)	DCN	DCN%
Italy, Reggio Emilia Province	ICDO-2	Yes	Yes	NA	Yes	Yes	NA	NA	NA	Yes	NK	Yes	2
Italy, Romagna Region	ICDO-3 (2004)	Yes	Yes	NA	Yes	NA	NA	NA	NA	Yes	1.7	Yes	3
Italy, Salerno Province	ICDO-3 (2004)	Yes	Yes	No	No	No	No	No	No	Yes	NK	No	5
Italy, Sassari Province	ICDO-2	Yes	Yes	No	No	No	No	No	No	Yes	0.3	Yes	0.3
Italy, Sondrio	ICDO-3 (2004)	No	Yes since 2000	No	No	Yes	No	No	No	Yes	1	Yes	0.6
Italy, Syracuse Province	ICDO-3 (2004)	Yes	Yes	No	No	No	No	No	No	No	-	Yes	1.5
Italy, Torino	ICDO-1	Yes	Yes	No	Yes	No	No	No	No	No	<1	No	-
Italy, Umbria Region	ICDO-1 and ICDO-3 (2004)	Yes	Yes	No	No	No	No	No	No	No	0.01	Yes	1.5
Italy, Varese Province	ICDO-2	No	No	No	No	No	No	No	No	Yes	<1	No	-
Italy, Veneto Region	ICDO-3 (2004)	Yes	Yes	NA	No	Yes	NA	NA	NA	Yes	1.5	No	-
Latvia	ICDO-2	No	No	No	No	No	No	No	No	Yes	8	NA	NA
Lithuania	ICDO-2	Yes	Yes	No	No	No	No	No	No	Yes	12	Yes	5 - 10
Malta	ICDO-2	No	No	No	No	No	No	No	No	Yes	0.2	No	-
The Netherlands	ICDO-3 (2004)	Yes	Yes	No	No	No	No	No	No	Yes	0.4	No	-
The Netherlands, Eindhoven	NA	Yes	Yes	No	No	No	No	No	No	NA	NA	No	-
The Netherlands, Maastricht	ICDO-2 and ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	Yes	NK	No	-
Norway	ICDO-2	Yes	Yes	No	No	No	No	No	No	Yes	0.45	No	-
Poland, Cracow	ICDO-3 (2000)	No	No	No	No	No	No	No	No	Yes	0.2	Yes	7.2
Poland, Kielce	Other	Yes	Yes	NA	Yes	NA	NA	NA	NA	Yes	1	Yes	3
Poland, Warsaw City	ICDO-3 (2004)	No	No	No	No	No	No	No	No	Yes	0.1	No	-
Portugal, Porto	ICDO-3 (2000)	Yes	Yes	NA	NA	NA	NA	NA	NA	No	NK	No	-
Portugal, South Regional	ICDO-3 (2000)	No	Yes	No	No	No	No	No	No	Yes	<1	Yes	12.4
Russia, St Petersburg	ICDO-2	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	4 - 6	Yes	4 - 6
Serbia	ICDO-2 and ICDO-3 (2000)	No	No	No	No	No	No	No	No	No	-	NA	NA
Slovak Republic	ICDO-1	No	No	No	No	No	No	No	No	Yes	4	No	-
Slovenia	ICDO-2 and ICDO-3 (2000)	Yes	No	No	No	No	No	No	No	Yes	NK	No	-
Spain, Albacete	ICDO-2	No	Yes	No	No	No	No	No	No	Yes	<0.1	Yes	8
Spain, Asturias	ICDO-3 (2004)	No	No	No	No	No	No	No	No	Yes	0.8	No	-

Table 5.7 Registration practices

Registry	MP rules 1998-2002	Screening programme as data source								Cases with		Distinguish	
		Cervix	Breast	Prostate	Colorec-tal	Mela-noma	Lung	Mouth	Others	Necropsy	Necropsy (%)	DCN	DCN%
Spain, Basque Country	ICDO-2 and ICDO-3 (2000)	No	Yes	No	No	No	No	No	No	Yes	NK	Yes	4.8
Spain, Canary Islands	ICDO-3 (2000)	No	No	No	No	No	No	No	No	Yes	NK	No	-
Spain, Cuenca	ICDO-3 (2000)	No	Yes	No	No	No	No	No	No	Yes	0.1	Yes	12.5
Spain, Girona	ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	Yes	NK	Yes	5.7
Spain, Granada	ICDO-3 (2000)	No	No	No	No	No	No	No	No	Yes	<1	No	-
Spain, Murcia	ICDO-2	No	Yes	No	No	No	No	No	No	Yes	0.1	Yes	4.1
Spain, Navarra	Other	Yes	Yes	No	No	No	No	No	No	Yes	NK	Yes	3.4
Spain, Tarragona	Other	Yes	Yes	No	No	No	No	No	No	Yes	1.15	Yes	9.2
Spain, Zaragoza	ICDO-2	NA	Yes	NA	NA	NA	NA	NA	NA	No	-	No	-
Sweden	ICDO-3 (2000)	No	No	No	No	No	No	No	No	Yes	10	No	-
Switzerland, Geneva	ICDO-2	No	No	No	No	No	No	No	No	Yes	10	Yes	0.7
Switzerland, Graubünden and Glarus	ICDO-2	No	No	No	No	No	No	No	No	Yes	8	Yes	NK
Switzerland, Neuchâtel	ICDO-1	No	No	No	No	No	No	No	No	Yes	2.5	Yes	NA
Switzerland, St Gall-Appenzell	ICDO-2	No	No	No	No	No	No	No	No	Yes	10	Yes	2
Switzerland, Ticino	ICDO-2	No	No	No	No	No	No	No	No	Yes	3	Yes	2
Switzerland, Valais	ICDO-2	No	Yes	No	No	No	No	No	No	Yes	1 - 2	Yes	NA
Switzerland, Vaud	ICDO-1	No	Yes	No	No	No	No	No	No	Yes	1.4	Yes	NA
UK, England, East of England Region	Other	No	Yes	No	No	No	No	No	No	Yes	6	No	NK
UK, England, Merseyside and Cheshire	ICDO-2	Yes	Yes	No	No	No	No	No	No	Yes	NK	Yes	19
UK, England, North Western	ICDO-2	Yes	Yes	No	No	No	No	No	No	Yes	NK	Yes	NK
UK, England, Northern and Yorkshire	Other	Yes	Yes	No	No	No	No	No	No	Yes	1.6	Yes	17
UK, England, Oxford Region	Other	Yes	Yes	No	No	No	No	No	No	Yes	2 - 3	Yes	13 in 2002
UK, England, South and Western Regions	Other	Yes	Yes	No	No	No	No	No	No	Yes	NK	No	NK
UK, England, Thames	Other	No	Yes	No	No	No	No	No	No	Yes	NK	Yes	30
UK, England, Trent	Other	Yes	Yes	No	No	No	No	No	No	Yes	NK	No	-
UK, England, West Midlands	Other	No	No	NA	NA	NA	NA	NA	NA	Yes	0.8	Yes	2.4
UK, Northern Ireland	Other	Yes	Yes	No	No	No	No	No	No	Yes	<1	Yes	NA
UK, Scotland	Other	Yes	Yes	No	No	No	No	No	No	Yes	NK	Yes	3.2

Table 5.7 Registration practices

Registry	MP rules	Screening programme as data source								Cases with		Distinguish	
	1998-2002	Cervix	Breast	Prostate	Colorec-tal	Mela-noma	Lung	Mouth	Others	Necropsy	Necropsy (%)	DCN	DCN%
Oceania													
Australian Capital Territory	ICDO-2	No	No	No	No	No	No	No	No	Yes	NK	No	-
Australia, New South Wales	ICDO-2	No	No	No	No	No	No	No	No	Yes	NK	No	-
Australia, Northern Territory	ICDO-2	No	No	No	No	No	No	No	No	Yes	NK	No	-
Australia, Queensland	ICDO-3 (2000)	No	No	No	No	No	No	No	No	Yes	0.08	Yes	1.31 (based on 2003 dx patients)
Western Australia	ICDO-2	Yes	Yes	No	No	No	No	No	No	Yes	NK	Yes	4
Australia, Tasmania	ICDO-3 (2000)	Yes	Yes	No	No	No	No	No	No	No	-	Yes	15
Australia, Victoria	ICDO-2	Yes	Yes	No	No	No	No	No	No	Yes	NK	No	-
French Polynesia	ICDO-3 (2000) and ICDO-3 (2004)	Yes	Yes	No	No	No	No	No	No	No	-	Yes	NA
New Zealand	ICDO-2	Yes	Yes	No	No	No	No	No	No	Yes	NK	NA	NA
USA, Hawaii	ICDO-2 and ICDO-3 (2000)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	0	No	-

NA = not applicable

NK = not known

Chapter 6: Processing of data

J. Ferlay

There were 313 cancer registries that replied to the invitation to participate by submitting data for Volume IX of *Cancer Incidence in Five Continents* (CI5). Each cancer registry sent its own data, except the registry members of the Surveillance Epidemiology and End Results (SEER) and of the National Program of Cancer Registries (NPCR) of the United States, and six Canadian registries that provided their data in a single data submission.

The data were generally sent to the IARC secretariat through electronic mail or on CD-ROM for large files, and as usual, were accepted in any electronic format (text files, Excel™ spreadsheet, database files, etc.) and with any file layout. Contributing registries were also invited to send all their data containing all malignant and non-malignant diagnoses collected. In addition, official cancer mortality data for the reference period, and population data, ideally for each calendar year of the reference period, should also be provided and checked by the IARC secretariat. This resulted in the manipulation of more than thirty million individual records, and in the production of 389 preliminary datasets (including different ethnic groups) to be examined carefully by the editors. A procedure for data validation and storage, summarised in Figure 6.1, was established to handle the large amount of data submitted for the project.

Incidence data

The incidence data were submitted as listings of individual anonymous cases with at least the following variables:

1. A registration number that identifies the patient or the case
2. Sex
3. Ethnic group or race (optional)
4. Age and/or birth date
5. Date of incidence
6. Site of the tumour (topography)
7. Morphology of the tumour
8. Behaviour of the tumour
9. Most valid basis of diagnosis

A description of all the codes used for the variables had to be provided with the data. However, it was not unusual for the code values to not match the description provided or for the coding information to be missing. In that case, the registry was asked for clarification and to provide the correct codes if necessary. This is particularly important when computing the percentage of microscopically verified (MV) or death certificate only (DCO) cases used for the editorial process: a misinterpretation of the basis of diagnosis code could lead to a false picture of the data quality.

Conversion into ICD-O-3

The first stage of the editorial process is to examine the incidence data using the standard IARC-CHECK program. This requires the data to be coded into a full (Topography and Morphology) ICD-O-3 coding schema. A large majority (230) of the registries submitted data according to this classification, but the others (72) had to be converted before they could be handled by the program. Several datasets included both ICD-O-1 and ICD-O-2, not to mention ICD-9 and ICD-10 codes (for coding of the DCO cases) depending on the year of incidence of the case, so that they had to be split into two or more files, each piece of the puzzle being converted using the appropriate program (Figure 6.2). These preliminary conversions proved to be particularly valuable in detecting incompatibilities between ICD-9 or ICD-10 codes and ICD-O morphology and behaviour (Table 6.1), which were transmitted back to the cancer registry for review and correction.

Figure 6.1. Processing of cancer registry data to generate *Cancer Incidence in Five Continents Volume IX*

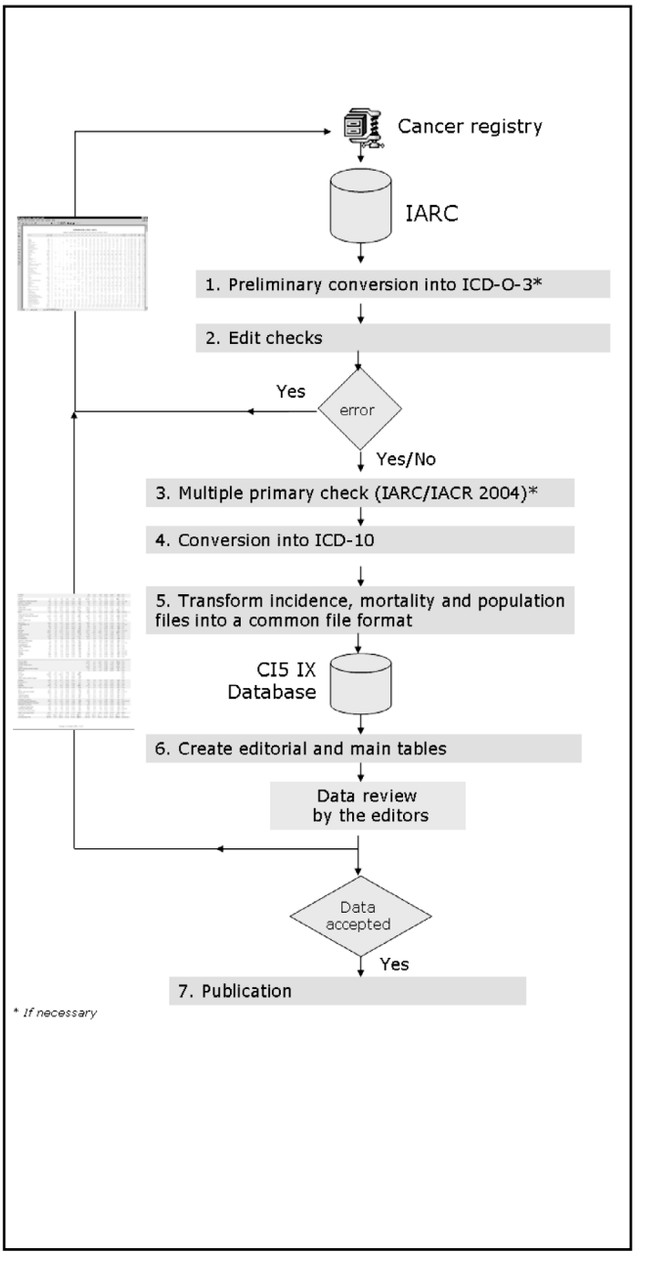


Table 6.1 Examples of unlikely ICD-10 site/ICD-O-2 morphology combinations

ICD-10		ICD-O second edition (correct code if incorrect)
C22.0	Hepatocellular carcinoma	8010/3 Carcinoma, NOS (8170/3)
C45.0	Mesothelioma of pleura	8050/3 Papillary carcinoma, NOS (9050/3)
C46.0	Kaposi sarcoma of skin	8140/3 Adenocarcinoma, NOS (9140/3)
C91.0	Acute Lymphoid Leukaemia	9823/3 Chronic Lymphocytic Leukaemia (9821/3)
C81.9	Hodgkin disease, NOS	9670/3 Malignant lymphoma, small lymphocytic (9650/3)
C43.9	Melanoma of skin, NOS	8090/3 Basal cell carcinoma (8720/3)
C34.9	Lung (primary cancer)	8140/6 Adenocarcinoma, metastatic (8140/3)
C53.9	Uterine cervix, malignant	8070/2 Squamous cell carcinoma in situ (8070/3)

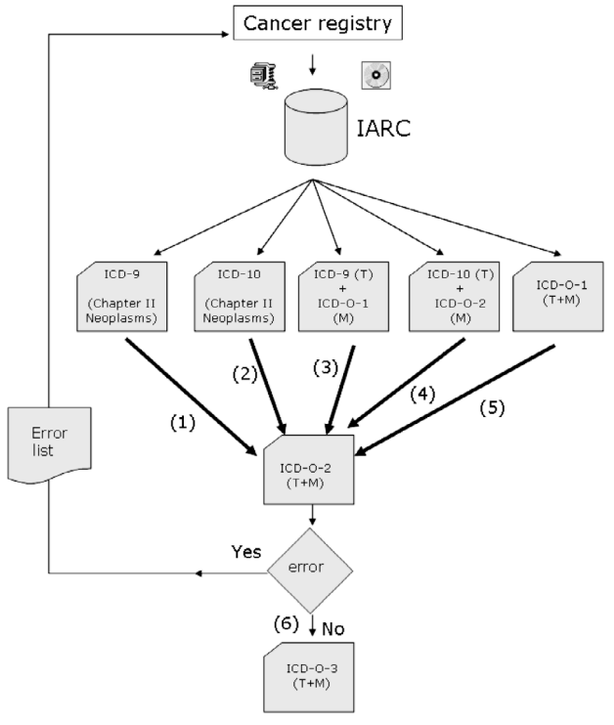


Figure 6.2 Preliminary conversions of cancer registry data
(1) ICD-9 (1975), chapter II neoplasms, to the second edition of ICD-O (1990) conversion program.
(2) ICD-10 (1990), chapter II neoplasms, to the second edition of ICD-O (1990) conversion program.
(3) ICD-9 (1975), chapter II neoplasms for topography and the first edition of ICD-O (1976) for morphology to the second edition of ICD-O (1990) conversion program.
(4) ICD-10 (1992), chapter II neoplasms for topography and the second edition of ICD-O (1990) for morphology to the second edition of ICD-O (1990) conversion program.
(5) First edition of ICD-O (1976) to the second edition of ICD-O (1990) conversion program.
(6) Second edition of ICD-O (1990) to the third edition of ICD-O (2000) conversion program.

For Finland, the site was coded to ICD-7 (1955) and the morphology using a modified version of the Manual of Tumor Nomenclature and Coding by the American Cancer Society (1951). A specific conversion program had been developed within the framework of the NORDCAN project, a collaboration between the IARC and the Nordic Association of Cancer Registries.

Although the ICD-O-3 gives clear instructions that behaviour codes /6 and /9 should not be used by cancer registries (page 27 of ICD-O-3), these codes appeared in few datasets, giving rise to problems with respect to the corresponding topography code. Usually, this was assumed to represent the site of the primary tumour. Where this was evidently not the case (carcinomas in lymph nodes, in bone, etc.), a listing of such cases was sent back to the registries with a request for clarification. As a last resort, they were recoded to topography C80.9 (primary site unknown).

Checking
Once a dataset had been converted into ICD-O-3, or if it had been originally coded using ICD-O-3 codes, it was submitted to the IARC-CHECK program, which performed the following edits:

1. Code verification

- Sex
- Incidence date and, if provided, birth date
- ICD-O-3 topography and morphology

2. Consistency between items

- Age versus birth/incidence dates
- Sex versus site
- Sex versus histology
- Age versus site
- Age versus histology
- Site versus histology
- Basis of diagnosis versus histology

Registries submitting data for Vol. IX were invited to run their own data through the IARC-CHECK program prior to submission, and a number of contributors did so (143), particularly the users of the CanReg-4 software (30), which includes the same edits. However, these datasets were automatically re-checked by the IARC secretariat. All errors or unlikely or rare combinations of items were sent back to the cancer registry for verification. The corrections or new submissions were then incorporated, converted again (if necessary) and always re-checked to ensure no more errors were found.

Multiple primaries
For the datasets that included a unique patient identification number, it was possible to check for multiple primary tumours following the IARC/IACR rules (IARC, 2004) especially defined for ICD-O-3 (see Chapter 5). The multiple primary check program can detect all the duplicate records that appeared during the reference period if the cancer registry submitted a complete dataset of the malignant cancer cases collected since the starting of registration; otherwise, some of the multiple tumours (generally those occurring at the beginning to the reference period) may not have been detected because of a lack of information on the earlier diagnoses.

Conversion into ICD-10
When no more errors remained, the incidence data were converted from ICD-O-3 to ICD-10. This ensured that the final ICD-10 codes used in the publication followed a standard ICD-O-3 to ICD-10 conversion program. When a dataset included an ICD-10 code, this was ignored in the tabulations. The ICD-O-3 to ICD-10 conversion program was written at IARC using the rules of the ICD-O-2 to ICD-10 conversion program, which was used for processing data for Volume VIII of CI5. The ICD-O-2 to ICD-10 conversion program was also developed at IARC, based on the *Conversion of neoplasms by topography and morphology from ICD-O-2 to ICD-9*. The terms deleted from ICD-O-3 (as indicated in Appendix 5) were first removed from the list of ICD-O-2. The conversion rules for the new ICD-O (M) codes (listed in Appendix 1) were defined by looking first at the most appropriate ICD-O-2 (M) code using the ICD-O-3 to ICD-O-2 conversion program, and then by applying the corresponding conversion rule to the ICD-O-3 (M) code. For example, the ICD-O-3 code M8174/3 *Hepatocellular carcinoma, clear cell type* is converted into ICD-10 following the rule that applies to the ICD-O-2 code M8170/3 *Hepatocellular carcinoma, NOS*. The ICD-O-3 codes M995_, M996_ (*myeloproliferative disorders*) and M998_ (*myelodysplastic syndromes*) that changed behaviour code from borderline (/1) to malignant (/3), and for which no ICD-10 code in the malignant 'C' category can be found, have been converted to the ICD-10 codes D45, D46_ and D47_ (i.e. non-malignant tumours). They are included and presented in the tables under the categories *MPD* and *MDS* respectively.

When a dataset was submitted with cases coded to ICD-9 or ICD-10 for topography and ICD-O-1 or ICD-O-2 for morphology, the series of conversion processes (Figure 6.2) and the final conversion from ICD-O-3 to ICD-10 produced some unexpected results and, for example, created new ICD-10 codes which were not originally recorded in the input file. For example, suppose the following combination of ICD-10 (T) and ICD-O-2 (M) was present:

ICD-10	ICD-O-2 (M)
C80	8640/3
Unknown primary	

The first conversion into ICD-O-2 (T+M) will produce the following output:

ICD-O-2 (T+M)	
C80.9	8640/3
Unknown primary	

The second conversion into ICD-O-3 (T+M) will produce the following output:

ICD-O-3 (T+M)	
C80.9	8640/3

Finally, the ICD-O-3 to ICD-10 conversion program used for the data processing will create the following ICD-10 code:

C62.9	Testis, NOS

Thus the final ICD-10 site becomes sex-specific and does not correspond to that provided in the original record. Generally, such change in ICD-10 codes will occur when the registry has not followed the rules in the ICD-O manuals; in the example above, a *Sertoli cell carcinoma* (M8640/3) should have been coded to testis (C62.9) if the site of the tumour was not specified (rule 8 of ICD-O-2 or rule H of ICD-O-3). It would also have occurred with other specific morphological diagnoses such as *malignant melanoma, regressing* (M8723/3) or *osteosarcoma* (M9180/3), which are automatically converted to an ICD-10 code for skin (C43._) or bone (C40._) cancer.

This example illustrates the importance of the primary conversion into ICD-O-3 and explains why the ICD-10 code provided by the cancer registry (if any) has not been used in the final tabulations. For certain morphological codes, the conversion is independent of topography. *Hepatocellular carcinoma* (M8170/3), for instance, is automatically converted to ICD-10 C22.0 irrespective of the ICD-O topography code (whether specific or unknown). The combination C34.9 (lung) plus M8170/3 will be converted to C22.0. This combination of topography and morphology is certainly incorrect. These types of potential errors are at the origin of the creation of the first version of the *IARC-CHECK* program. The validation of ICD-O-3 topography and histology combinations is an essential part of the data processing.

Miscellaneous conversions
In addition to the topography and the morphology codes, certain variables—sex, basis of diagnosis, ethnic group or race and dates—must be re-coded into a common schema following the instructions supplied by the cancer registry. When necessary, the basis of diagnosis variable was recoded following the IARC proposal (ICD-O-3, pg. 38). After the conversions into a common dictionary, the data corresponding to a registry are stored in the CI5 Vol. IX database, irrespective of whether they will be published in *Cancer Incidence in Five Continents Vol. IX*. All malignant neoplasms and non-malignant (except benign) neoplasms of the bladder are recorded in the database. These are stored as individual records containing the nine compulsory variables having topography and morphology coded to ICD-O-3 together with the corresponding ICD-10 code used for tabulation.

Mortality data
The mortality data are used for editorial purposes as an indicator of the completeness of registration, and are generally provided as a tabulation of ICD-9 or ICD-10 three-digit categories by sex and five-year age group, so that no validity check (except the basic combination of sex and site) can be performed. For some data sources, the original data were grouped by cancer sites or by wider age groups than the traditional five-year age groups, and had to be formatted before being handled by the series of editorial programs and stored in the CI5 Vol. IX database.

Population data
Cancer registries generally submitted population denominators for each individual year of the reference period, or for one year corresponding to the mid-year of the reference period. These are based on a census, which was carried out around the year

2000 in most of the countries. File editing and misinterpretation of the codes were the only source of errors discovered in the last three volumes. Whenever possible, the population data have been checked by comparing the age distribution with that from the previous volume. Unexpected change in the age structure or in the total population by year and sex were identified and sent to the registry for clarification. After this careful examination, the population files were formatted and stored in the CI5 Vol. IX database.

Conclusion

This protracted process for both cancer registry staff and the IARC secretariat took several months. However, it ensured a maximum level of data comparability and validity, but it is not in itself sufficient to ensure inclusion in the present volume. This depended upon other considerations of comparability and quality, as described in Chapter 5. The seven conversion programs, together with the latest version of the IARC-CHECK and the multiple primary check programs used in the incidence data process, have been published as a PC Windows™-based package, *IARCcrgTools*. This is available for free at the International Association of Cancer Registries (IACR) web site http://www.iacr.com.fr/. *IARCcrgTools* also includes the detailed definition of the edits and controls performed on each variable or within variables. All of the necessary programs to convert and check the data, then to create the tables were written in C++ and Java. The thousands of tables produced were generated in PostScript format and later converted into PDF files for publication.

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Chapter 7: Age-standardisation and denominators

M. Boniol and M. Heanue

Objective

The key determinant of cancer incidence is age, as the risk of cancer increases exponentially with increasing age. The crude rate of incidence is therefore influenced by the population structure, and cannot be used alone to evaluate whether the burden of cancer differs between populations.

To compare the incidence of cancer, the summary rates should be independent of age. A common way to take into account the age structure of a population is to standardise incidence rates for age using an external (standard) population.

Crude incidence rate

The crude incidence is *the rate at which new cases occur in a population during a specific period.* This rate is classically expressed as the average number of cases occurring per 100 000 persons each year or 100 000 person-years. In *Cancer Incidence in Five Continents (CI5), Volume IX*, numbers of cancer cases are reported for the period 1998–2002. Hence the crude incidence rate is computed with the following formula:

$$\text{Crude incidence rate} = \frac{\text{Number of new cancer cases observed in the period 1998 - 2002}}{\text{Total population in the period 1998 - 2002}}$$

The total population in the period 1998–2002 corresponds to the sum of population size for each year between 1998 and 2002. This rate is called crude because it relates to each population as a whole and is influenced by the age structure of each population. It cannot be used for comparison purposes.

Age-standardised incidence rate

The age-standardised rate is a summary of the individual age-specific rates using an external population called a standard population. This is the incidence that would be observed if the population had the age structure of the standard population, and corresponds to the crude incidence rate in the standard population. The age-standardised incidence rate is expressed, as is the crude incidence rate, as the number of new cases per 100 000 person-years.

The calculation is a weighted average of age-specific rates.

$$\text{Age - standardised rate} = \sum_i \frac{d_i w_i}{y_i}$$

Such that i represents each age group,
d_i the number of cases in the ith age group,
y_i the population size in the ith age group,
and w_i the weight applied for the ith age group, with
d_i/y_i being the age-specific rates for each ith category
and the sum of w_i being equal to 100 000 to express the age-standardised rate per 100 000 person-years.

It should be stressed that the objective of age standardisation is essentially to establish rates for comparison purposes. Any population standard would enable comparison, even considering equal weights for each age group.

The most commonly used standard worldwide is the Segi standard population (Segi, 1960). Modified by Doll et al. (1966), it was based on the age structure of the pooling of populations

Table 7.1 Computation of age-standardised incidence rates (Melanoma cancer, Denmark, males, 1998–2002)

Age group	No. of cases	Person-years at risk	Age-specific incidence (per 10^5 years)	Standard world population	Expected cases in standard population
i	d_i	y_i	$10^5(d_i/y_i)$	w_i	$d_i w_i/y_i$
0–4	0	869 668	0.00	12 000	0.00
5–9	0	878 535	0.00	10 000	0.00
10–14	0	779 915	0.00	9 000	0.00
15–19	7	723 313	0.97	9 000	0.09
20–24	23	840 592	2.74	8 000	0.22
25–29	59	961 907	6.13	8 000	0.49
30–34	83	1 042 749	7.96	6 000	0.48
35–39	117	1 041 800	11.23	6 000	0.67
40–44	153	953 731	16.04	6 000	0.96
45–49	188	930 210	20.21	6 000	1.21
50–54	262	990 187	26.46	5 000	1.32
55–59	303	871 969	34.75	4 000	1.39
60–64	272	649 423	41.88	4 000	1.68
65–69	223	523 486	42.60	3 000	1.28
70–74	217	439 676	49.35	2 000	0.99
75–79	162	342 435	47.31	1 000	0.47
80–84	119	210 084	56.64	500	0.28
85+	115	140 073	82.10	500	0.41
Total	2 303	13 189 753	17.46	100 000	11.94

from 46 countries. The use of this standard population allows international comparison and evaluation of changes in incidence by comparing them to rates published in previous volumes of CI5. An example of this age standardisation appears in Table 7.1.
In this example, the crude rate is 2303 / 13 189 753 = 17.46 cases per 100 000 person-years, and the age-standardised rate is 11.94 per 100 000 person-years.

The age-standardised rate is lower than the crude rate because the standard population is on average younger than the Danish population. However, the rate of 11.94 can be compared with other rates standardised on the world population.

Reference population
A new standard population was proposed by WHO in 2000 (Ahmad *et al*., 2000). This new standard allows the estimation of incidence for the theoretical world population. This new population is, however, not of great utility for cancer incidence standardisation for two main reasons:

This new standard population is supposed to better represent the theoretical world population compared to Segi's population, but still does so insufficiently, as population data is lacking for many regions in the world. Secondly, there is no additional statistical property from this standard to the Segi population for comparison purposes (Bray, 2002). For data in the present volume, for all cancer incidences excluding non-melanoma skin cancer, we estimated the Spearman correlation (r) between the rates using Segi's standard compared to the new standard. The percentage of variation not explained by the new standard compared to the old standard ($1-r^2$) was 0.14% for men and 0.11% for women. When looking at ranking of registries by level of incidence, the new standard produces an average change of 2.9 rank levels for men and 1.9 for women in data including all registries; this corresponds to an average of 0.7% change for men and 0.5% change for women. The lack of clear difference between incidence rates computed with Segi's population compared to the new world standard does not justify the use of the new population.

For these reasons, and to allow international comparisons with continuity from the previous volumes, we use here only Segi's world standard.

Cumulative rate
The cumulative rate is an approximation of the probability to develop a cancer during a certain period—for example, a lifetime. We present the cumulative rates for the life spans of 0–64 and 0–74 years. This has the advantage of summarising the age-specific rates independently of the age structure of the population, and gives the probability of an individual developing a cancer. This calculation is theoretical and assumes that no death occurs in the period, and that the age-specific incidence rates will be stable for an individual.

$$\text{Cumulative rate between 0 - 74 years old} = 5 \times \sum_{i=1}^{15} \frac{d_i}{y_i}$$

Such that i = 5-year age groups,
d_i=number of cases in the ith age group, and
y_i=number of person-years in the ith age group.

The cumulative incidence rate ranges between ages 0 and 75, and by its construction overestimates the probability of developing a cancer during life when incidence rates are high. However when incidence rates are sufficiently small, apart from all cancer sites combined, the cumulative rate is not significantly affected by this bias.

In the previous example for melanoma in men in Denmark (Table 7.1), the cumulative rate can be estimated from the age-specific rates:
The sum of the age specific rates between ages 0–74 is: (0.97 +2.74+6.13+7.96+11.23+16.04+20.21+26.46+34.75+41.88+42.60+49.35)/100 000 = 260.33/100 000. Hence the cumulative rate is (260.33/100 000) × 5, or 1.3%.

The age-specific incidence rates calculated in a registry are derived from different birth cohorts; i.e. populations born at different periods who experienced different levels of exposure to carcinogens. The cohort effect is an important determinant of the observed incidence for most cancer sites. For example, mesothelioma incidence is driven by asbestos exposure that took place in the past (until the 1990s in most developed countries), and the cumulative rates calculated in CI5 Volume IX would not reflect the lifetime risk of mesothelioma of a population born in 2000.

Nevertheless, the cumulative rate reflects the burden of cancer in a place, and has the added advantage over the age-standardised rate of not imposing an external population structure.

Statistical tests
Statistical tests, the results of which are not published here, were used to flag certain registries as 'unusual' or possibly inconsistent with previous published data.

Calculation of variance of ASRs
Variances of age-standardised rates (ASR) are used to assess the statistical significance of the difference between rates in Volume VIII and Volume IX and to compute confidence intervals of rates in Volume IX. We based the estimation of variance of ASR on Breslow and Day's method modified to use a binomial assumption (Keyfitz, 1966) for the variance of the crude age-specific rates.

$$Var(ASR) = \frac{\sum_{i=1}^{18}\left(\frac{d_i * (y_i - d_i) * w_i^2}{y_i^3}\right)}{\left(\sum_{i=1}^{18} w_i\right)^2}$$

We estimated 95% confidence intervals (CI) of rates based on an assumption of the normal distribution of the rates.

$$CI = \pm 1.96 * \sqrt{Var(ASR)}$$

Comparison of ASRs from Volume IX with the values from Volume VIII
To identify significant changes in incidence between Volume VIII and Volume IX we estimated the Comparative Incidence Figure (CIF), which corresponds to the ratio of the age standardised incidence rate in Volume IX divided by the age-standardised rate in Volume VIII.

$$\text{Comparative Incidence Figure} = \frac{ASR_{\text{from Volume IX}}}{ASR_{\text{from Volume VIII}}}$$

The upper (CI_u) and lower (CI_l) 95% confidence interval limits of CIF were computed using the following formula:

$$CI_{u/l} = e^{Ln(CIF) \pm 1.96 * \sqrt{\frac{Var(ASR_{\text{fromVolume IX}})}{ASR_{\text{fromVolume IX}}^2} + \frac{Var(ASR_{\text{fromVolume VIII}})}{ASR_{\text{fromVolume VIII}}^2}}}$$

We considered the difference between rates in Volume XI compared to rates in Volume VIII to be significant if the value 1.0 was not included within the 95% confidence interval of the CIF.

Comparison of percentage of microscopically verified cases (MV%) from volume IX with the values from volume VIII
We estimated the Z statistic as:

$$Z = \frac{\left| Ln\left(\frac{V_{VIII}}{nV_{VIII}}\right) - Ln\left(\frac{V_{IX}}{nV_{IX}}\right) \right|}{\frac{1}{V_{VIII}} + \frac{1}{nV_{VIII}} + \frac{1}{V_{IX}} + \frac{1}{nV_{IX}}}$$

With V_{VIII} and V_{IX} being the number of cases microscopically verified in Volumes VIII and IX, respectively, and nV_{VIII} and nV_{IX} being the number of cases not microscopically verified in Volumes VIII and IX, respectively.

We considered the difference in the proportion of microscopically verified cases to be significant if Z was greater than 1.96.

Population at risk
Population at risk figures are used as denominators in the formulas for the calculation of incidence rates, crude or adjusted. These denominators are often disregarded, and readers tend to only focus on the final incidence rates and discuss the variability in incidence data gathering (completeness, classification). This notion is driven by the age standardisation process, which tends to eliminate the effect of population age structure and gives the reassuring but false impression that population structure is no longer influencing the incidence rates. It must be stressed that denominators are an essential part of the calculation of incidence rates, and have their own biases and limitations that must be kept in mind. The age standardisation process is not intended to solve imprecise population size estimation.

Numbers of population at risk are routinely collected by registries from official statistical offices for example and registries provided these figures to Cancer Incidence in Five Continents along with their incidence figures.

Comparability
Population size estimates are frequently calculated by the official statistical office using the results from a census and a projection for the years following the most recent census. The closer the year a population estimate is to a census date, the more accurate the estimate will be. Therefore when countries do not have the same census year, there will be differences in the precision of their population estimate. Moreover, population estimates are often revised once a new census is available but not all cancer registries collect these updated figures. Hence the drift and even a significant change in incidence rate between the year of the census and the preceding year could occur simply because of the imprecision of the population estimate. This is especially true when population sizes are small and susceptible to more variability, for example, when there is migration within a country.

Despite these considerations, for most countries contributing to CI5 a census occurred during the period 1998–2002. Hence, we can expect that the biases described earlier could be largely alleviated. However, in some registries the population figures were estimated from a census performed more than 10 years before the period used in *Cancer Incidence in Five Continents, Volume IX*.

Another limitation in the population figure is the choice of the date in the year for population estimate. The best estimate of the population at risk for a specific year in which cancer incidence was observed is considered to be at mid-year, and some registries provided yearly population estimates for the 1st of July. However, this is not a systematic practice and many registries provided populations statistics estimated at the beginning of the year, using the 1st of January. In a population that increases, the use of 1st of January for population size could induce a systematic overestimation of incidence rates. It is expected to have only a minor influence in *Cancer Incidence in Five Continents*, which uses a period of 5 years combined.

Migration
Population size could also be overestimated or underestimated if migration flux patterns are not considered. Some registries collected population data corrected for immigration and emigration. Between-country migration is often better handled than within country migration, which is of major concern to regional registries tasked with maintaining optimal coverage of their population. Indeed, populations of a highly nomadic nature make the production of inter censal population estimates a real challenge. Hence incidence figures for these populations must be evaluated with care, and their comparability is to be questioned.

A few words of caution
Cancer is a disease that mainly occurs at older ages, and standard populations such as Segi have the tendency to give more weight to incidence in young age groups and hide differences observed in older populations. Therefore it cannot be stressed enough that neither the age-standardised rate nor the cumulative rate are alternatives to the age-specific incidence rates, which should always be the starting point and foundation of any thorough analysis of the incidence data.

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The Narratives and The Maps

Africa

Sétif
Sousse
Tunisia
Morocco
Algeria
Libya
Gharbiah
Egypt
Saudi Arabia
Mauritania
Mali
Niger
Chad
Sudan
Oman
Yemen
Eritrea
Djibouti
Somalia
Ethiopia
Senegal
The Gambia
Guinea Bissau
Guinea
Burkina Faso
Benin
Togo
Sierra Leone
Liberia
Côte d'Ivoire
Ghana
Nigeria
Central African Republic
Cameroon
Equatorial Guinea
Gabon
Congo
Uganda
Kyadondo
Kenya
Rwanda
Burundi
Dem. Rep. of The Congo
Tanzania
Indian Ocean
Angola
Zambia
Mozambique
Malawi
Harare
Zimbabwe
Namibia
Botswana
Madagascar
La Réunion
Swaziland
South Africa
Lesotho
South Atlantic Ocean

Algeria, Sétif

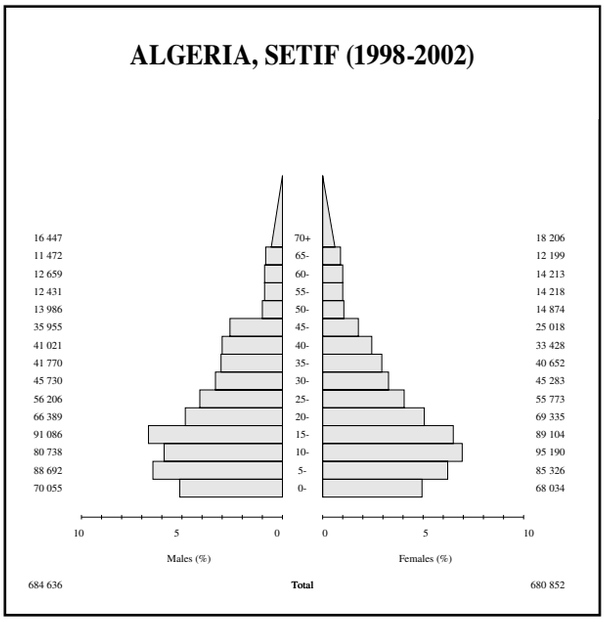
Registration area

The Sétif Cancer registry covers the population of 10 *dairates,* which include a total of 60 communes. The population at the last census (1998) was 1 299 117, representing 4.33% of the overall Algerian population making it the second-largest population centre after Algiers. The population growth rate for this area in 2001 was 1.8%. About 48% of the population live in rural areas, and 99% are Sunni Muslims. The *Wilaya* (province) of Sétif covers an area of 6504 km^2, corresponding to 0.27% of the country. The *Wilaya* of Sétif is the capital of the highlands, having an altitude of 1300m and a semi-arid continental climate. It represents 4.7% of the national population at a density of 213 inhabitants per km^2.

Cancer care facilities

General health care in the region is provided predominantly by the CHU (University Hospital Centre) and 6 other hospitals, 16 health centres and 55 primary care centres. These are supplemented by private practitioners and hospitals for a total of 2115 beds, or 1 bed per 690 inhabitants. The total number of health workers is 5772: 215 public specialists, 198 private specialists, 387 public generalists, 278 private generalists, 2944 public nurses and 50 private nurses.

The CHU, located in Sétif, provides cancer surgery and chemotherapy services. Radiotherapy is provided by the cancer centres of Constantine (120 km distant) and Algiers (300 km distant), and as a result many patients are treated in Algiers and Constantine. All breast cancers are treated at the breast health centre in Algiers. A large new Cancer Centre is now being implemented in Sétif, and is expected to provide care for all cancer patients from the area of about 5 million inhabitants in 2008.



Registry structure and methods

The registry, founded in 1989, is located in the epidemiology and preventive Medicine service of the Hospital Mere Enfant of the CHU in Sétif under the auspices of the Ministry of Health and Ministry of Research and Education. The registry is staffed by two epidemiology assistants, one pathology assistant, one technician in epidemiology, and 3 postgraduate students in epidemiology.

The Sétif Cancer Registry uses active case finding from 16 sources of data consisting of University Hospital Centres, cancer hospitals, public health hospitals, pathology laboratories, private hospitals and offices, insurance offices, other cancer registries in Algeria and death registration offices. The death registration system is incomplete; the certificates of death are examined and a record completed for each certificate mentioning cancer or malignant tumour. Collection is primarily active. For each patient we collect data from four or five different sources, which permits the information to be completed and checked before coding. For each cancer case a limited number of variables (18) have been put into a sample record. The variables include the sources of information. For the tumour, only four variables are collected, including the date of diagnosis, the site, and the morphology. The data are coded according to ICD-O. Impossible or improbable combinations (site, sex, age and morphology) are identified by computer. Duplicate registrations have been reduced to a minimum thanks to a careful control of name, sex, date of birth and diagnosis. The registry staff visit these sources once a month.

Interpreting the results

Arrangements have been made with the hospitals outside the registration area to notify the registry of any area-resident cancer cases that they may diagnose and treat. These outside hospitals are visited regularly to collect records, but some small underestimation due to cancer cases treated outside the area is possible.

Uses of the data

The registry has prepared a report of cancer incidence from 1986 to 2005, with 20 years of registration highlighting trends and changes. A study of survival of registered cancer cases of breast, colon, rectum, large bowel, and prostate during 1990–1994 has been carried out within the CONCORD Survival study.

Source of population

The populations of 1999 – 2000 – 2001 – 2002 are estimated on the basis of the1998 National Census.

Multiple primary rules used

IACR rules (2000)

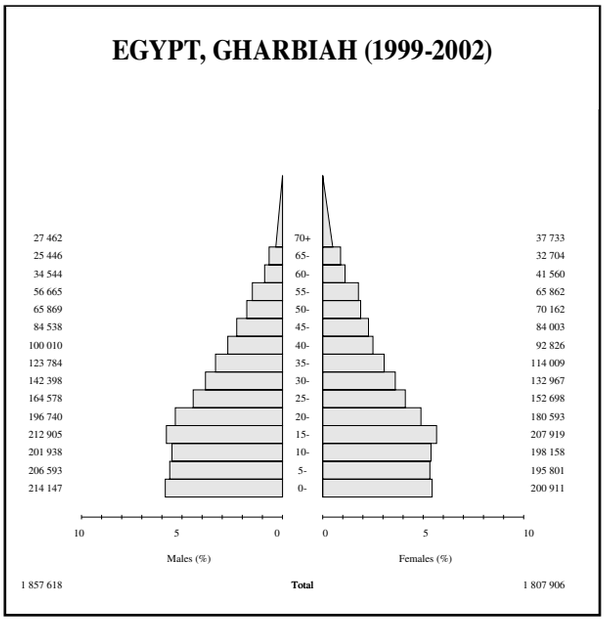
Notes on the data

The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

Egypt, Gharbiah

Registration area
The Gharbiah Population-based Cancer Registry (GPCR) covers the population of eight districts (Tanta, Elmahalla Elkobra, Kafr Elzayat, Zefta, Kotour, Elsanta, Basyoun & Samannoud) within the state of Gharbiah, in the west and central Delta region in lower Egypt. The population at the most recent census (1996) was 3.406 million (5.7% of the total population of Egypt). About 40% of the population lives in urban areas. The majority are Moslems and the remainder are Christians.

Cancer care facilities
General health care in the region is provided predominantly by the Gharbiah Health Services Department (Ministry of Health and Population), through the district hospitals and a network of primary health centres. These are supplemented by Tanta University Hospitals, insurance hospitals and clinics, private practitioners and private hospitals. The Tanta Cancer Center (TCC) is located in Tanta, the principal town and capital of Gharbiah, and provides cancer surgery and chemotherapy services. Gharbiah Cancer Society (GCS), NGO, and the radiotherapy department at Tanta University Hospital in the vicinity of Tanta Cancer Centre provide radiotherapy services. In the registry area, patients at the primary and secondary care facilities suspected to have cancer are generally referred to TCC or to one of the two hospitals with comprehensive cancer services within a 60-km radius (Mansoura Urology Center & Mansoura Gastroenterology Center) or to the National Liver Institute, Menoufeya University (40 km distant), or occasionally to National Cancer Institute, Cairo University (100 km distant).



Registry structure and methods
The registry is located within TCC, and is sponsored by MECC, the US National Cancer Institute in Bethesda, USA, and the Ministry of Health and Population, Cairo, Egypt. A principal investigator, executive director, two co-investigators and field supervisors, two data managers, four part-time registrars and four full-time secretaries staff the registry.

The Gharbiah Population-based Cancer Registry (GPCR) uses active case finding from 57 sources of data consisting of cancer hospitals, general hospitals, university hospitals, insurance hospitals, private hospitals and clinics, specialized hospitals and centres, pathology and haematology labs and the district death registration offices.

The death registration system is adequate; the cause of death from cancer is often mentioned. The registry staff visit these sources, where they scrutinise the records kept in medical records departments and the registers of individual departments concerned with diagnosis and treatment of cancers in order to identify and abstract information on cases of cancer, diagnosed by all methods, among residents of the registry region.

Although cancer is a notifiable disease by administrative order (without a specific law), few registration forms are received from private practitioners. Arrangements have been made with the hospitals outside the registration area to be visited every 1–3 months according to workload in order to abstract resident cancer cases which are diagnosed and treated in them.

Interpreting the results
It is not possible to estimate how many cancer cases remain undiagnosed, but underdiagnosis probably occurs for elderly subjects in rural areas. TCC has a full range of diagnostic facilities, so that it is unlikely that cases referred will be missed.

There is a breast cancer early detection program in Tanta Cancer Centre. PSA testing is not common in this population.

Bladder cancer, which is the most common cancer in Egypt, is related to Schistosomiasis, which is currently being eradicated. Smoking is becoming the most important risk factor for bladder cancer. Liver cancer incidence is high compared to almost all countries in the world except some in Asia and Africa; this could be attributed to high prevalence of the hepatitis virus, mainly HCV. Aflatoxin contamination might be another risk factor. High incidence of NHL is another characteristic feature in Egypt, but no specific culprit risk factor for this has been identified.

Use of the data
The registry prepares an annual report of cancer incidence, highlighting trends and changes. Some specific studies of survival of registered cancer cases (breast and liver cancer) have been carried out.

Source of population
The estimate of the population–at–risk is based on the 1996 census, making allowance for births and deaths, but it was not possible to estimate migration into and out of the registration area.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Tunisia, Central Region

Registration area

Tunisia, an Arab-Islamic North African country, is usually divided into three regions: the northern, the central and the southern region. The Central Region registry includes six provinces: Sousse, Monastir, Mahdia, Kairouan, Kasserine and Sidi Bouzid.

Sousse province, with an area of 2669 km^2 and the capital of the central region, had a 2000 population of 495 000, 18.3% of the overall population of the central region (2 697 200). The population is relatively young, with 48.1% being under 20 years of age, and 8% being over 60 years.

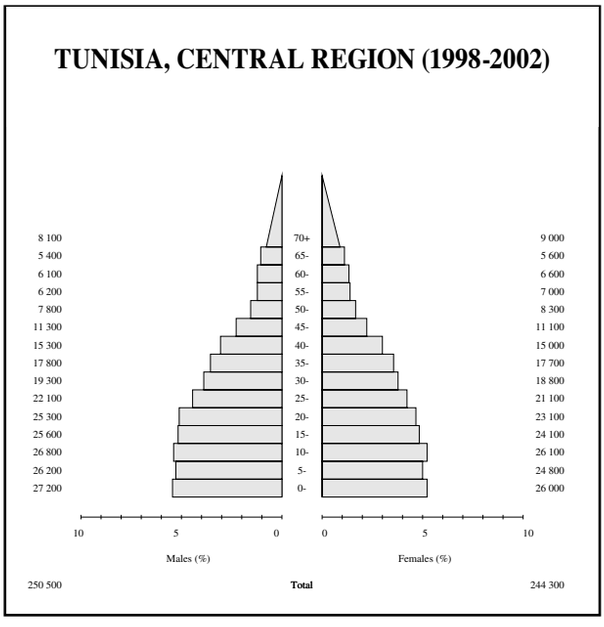
The main economic sectors of the region are agriculture, industry (textile) and tourism.

Registry structure and methods

The registry of the central region, staffed by four full-time physicians, is located in the Department of Pathology of the University Hospital of Sousse.

The search for new cases is proactive, which means that the registry does not wait to be informed, but actively looks for information from certain specific sources. Primary sources include the Departments of Pathology of the public and private medical centres (five, three of which are in Sousse). The other primary sources are the Departments of Radiotherapy (in Sousse), Oncology (in Sousse) and Haematology, in addition to the other 24 departments of the University Hospital of Sousse.

In addition to the histologically confirmed cases, more and more cases have been discovered in recent years without microscopic confirmation and are related to the gall bladder, the pancreas, the prostate, the lungs and the ovaries.



Interpreting the results

The registry counts all of the new declared cases of cancer in the entire central region of Tunisia. Nevertheless, apart from the province of Sousse where the completeness reaches 97%, a lack of completeness is observed in the other 5 provinces. We suggest therefore studying the epidemiological particularities of that province and not of the whole region. Moreover, we have encountered other practical difficulties related to the systematic declaration of cancerous diseases, changes in patient names, and the lack of information on the evolution of patients (treated outside the hospitals of Sousse or lost).

These difficulties are also due to the lack of precision in issued death certificates, which can be a source of information on the evolution of the diseases.

We have two national screening programs concerning cervix and breast cancer. PSA testing is done only in university institutions; to date there is no large screening program for prostate cancer.

Use of the data

The registry develops an annual report on the incidence of cancer in order to define the epidemiological profile of the region and compare it with those of the north and south regions of Tunisia and those of other countries. Certain special studies of five-year survival of cervical cancer, breast cancer and lung cancer have been performed.

Our registry is involved in some epidemiological research, especially in cancer genetics. Our registry is used as a base for planning and providing some health services, for example providing instruments for new cancer diagnosis and treatment (radiation, new-generation CT scans, and mammographs).

Source of population

1998–2002 estimates (Institut National de Statistique) based on the 1994 census.

Multiple primary rules used

IACR rules (2004) on CI5 IX period.

Notes on the data

The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

Uganda, Kyadondo County

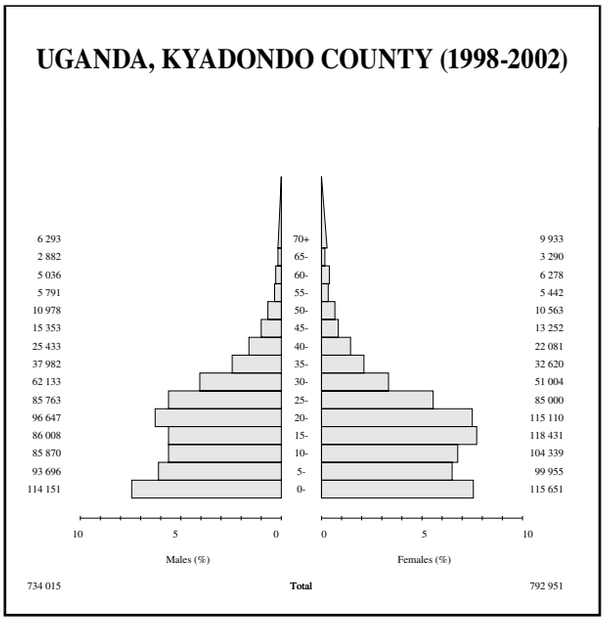
Registration area

The Kampala Cancer Registry collects data on the population of Kyadondo County, which includes the city of Kampala (the capital of Uganda), with its peri-urban areas and an area extending 30km to the north. This population, which is mainly urban (80%), is composed of the Ganda ethnic group (50%) and other ethnic groups (30%). There are also immigrants from neighbouring countries, particularly from Kenya and Rwanda. Europeans, Asians and other nationalities make up 1% of the population.

The major activities of the residents of the capital include administration, trade, professional and para-professional activities, personal services, and plant and machine operation. There are no major industries in the county; subsistence farming is carried out on the outskirts of the capital.

Fifty percent of the population are Catholic, 30% Anglican, 15% Muslim and 5% other.

Staple foods consumed by the population of Kyadondo County include matoke (steamed green banana), posho (maize bread), beans and groundnuts. About 50% of the city dwellers receive chlorine-treated piped water from the freshwater Lake Victoria.



Cancer care facilities

Kyadondo County is served by a 900-bed national referral hospital, Mulago Hospital, which is well equipped with modern diagnostic facilities. Mulago, which is also a teaching hospital for Makerere University Faculty of Medicine, is well supplied with consultants and teaching staff in all disciplines of medicine. An oncology unit involved in chemotherapy for various types of cancer and a radiotherapy unit are attached. The county has three other missionary hospitals with 100 beds each. The Uganda Hospice provides services for the care of terminal cases of cancer in addition to other terminal diseases. Two private histopathology laboratories provide additional histological data to the registry.

Registry structure and methods

The Kampala Cancer Registry is situated in the Department of Pathology, Faculty of Medicine, Makerere University. Personnel include a pathologist director, a cancer registrar and an assistant cancer registrar. All are employees of Makerere University.

However, in various hospitals and units the registry has recruited personnel to assist in coordinating collection of data. Submission of data to the registry is voluntary, as cancer is not a notifiable disease, and registration is almost entirely active. Doctors report a few cases to the registry directly. For hospitals, hospices and histopathology laboratories, the registrars visit at least once a month and consult the hospital records, which include admissions and discharge registers, clinical notes and pathology reports. For each case both demographic and cancer diagnostic data are sought. Certification of death is only carried out for legal reasons, and is very incomplete, so death certificates are not used as a source of information.

The registry is computerised, and data management is carried out using the IARC/IACR CanReg software, which includes checks for consistency and validity and permits a search for potential duplicate registrations.

Patient confidentiality is ensured by using only registration numbers during analysis of data. The registry is off-limits for unauthorised persons.

Completeness of registration was evaluated at 90% for the period 1994–1996 (Wabinga et al, *Cancer Causes & Control* 2001; 12:147-52)

Interpreting the results

Since its inception in 1951, the county covered by the registry has not changed its boundaries. However the population is becoming increasingly urbanised as the city expands. Immigration is also increasing as part of the worldwide trend of rural to urban migration. Another factor that may influence incidence rates is the improvement in availability of diagnostic services, particularly in the national referral hospital

Screening programmes for cancer are not organised, but with the health-oriented population of the county, many patients seek screening services. PSA testing, mammography and Pap smears are done on an individual basis.

Uganda was one of the first countries to be severely affected by the HIV/AIDS epidemic, and this has profoundly influenced the pattern of cancer in Kyadondo County (Wabinga et al, *Int J Cancer*. 1993; 54:26-36). However, as a result of vigorous national campaigns, prevalence of HIV infection is now falling—according to UNAIDS, prevalence in pregnant women in Kampala fell from 18.5% in 1995 to 13.8% in 1998 and 8.3% in 2002. This, together with the slowly increasing availability of anti-retroviral therapy, will result in changes in the incidence of AIDS-related cancers.

Use of the data

The registry provides the longest continuous time series of cancer incidence in Africa. This makes the data of special value in cancer surveillance and research, particularly to monitor the effects of the HIV/AIDS epidemic and to serve as the baseline for analytical studies and intervention studies. The registry has also published the first population-based estimates of cancer survival in sub-Saharan Africa.

Source of population

The population at risk is based on the results of the 1992 and 2002 census data, with intercensal years estimated from the observed rate of growth within 5 year age groups.

Multiple primary rules used

IACR rules (2004) on CI5 IX period.

Notes on the data

The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

This registry has the lowest histological verification rate in the monograph.

Zimbabwe, Harare

Registration area
Harare is located in north-eastern Zimbabwe and is the capital city. The population of the city according to the 2002 national census was 1.9 million. The national population was 11.6 million.

Cancer care facilities
The current difficult economic situation currently in Zimbabwe is negatively affecting healthcare delivery, particularly in the public sector. In spite of this, the system in Harare, based on a network of primary health care facilities provided by the municipality, government-funded referral facilities and a private sector that caters mainly to middle- and higher-income groups, continues to perform reasonably.

Registry structure and methods
The Zimbabwe National Cancer Registry (NCR) was established in 1985 in Harare as a result of an agreement between IARC and the Zimbabwean Ministry of Health. The target population of the registry is that of Harare city, and adequate population coverage was achieved in 1990. Although the registry records all cancer patients identified from its diverse sources irrespective of residence, the present data for 1998–2002 are confined to the Harare city population.

The activities of the registry are overseen by a constituted advisory committee, and the day-to-day administration is the responsibility of the registrar under the guidance of the medical director. The registry has four full-time staff comprising the registrar, secretary and two data collection clerks. It is strategically located at Parirenyatwa Hospital, a large government referral centre and also the location of the University of Zimbabwe College of Health Sciences. The registry is supported by the Ministry of Health and Child Welfare, the IARC and other organisations.

Case-finding is mainly active, with the registry staff visiting institutions within the healthcare delivery system which are involved in the management of cancer patients.

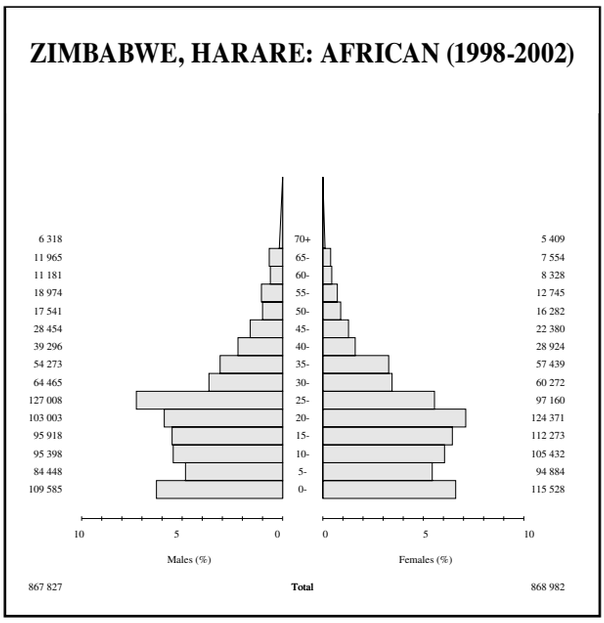
The registry information sources include:

- Routine weekly visits to the inpatient wards of the two government central referral hospitals (Harare and Parirenyatwa);
- Medical records of discharged and deceased cancer patients from the two central hospitals and visits to oncology outpatient clinics;
- Histology reports from the public and private sectors, medical records of the radiotherapy department, death certificates of patients dying of cancer in greater Harare, and records of specific clinical research studies.

Hospital inpatients are interviewed to verify the accuracy of reported age, residential status and other demographic data. Information recorded on each case includes sex, date of birth or age, residence, racial group, basis of diagnosis, tumour site and histology. Residence status is defined as the patient's place of residence during the previous six months.

All notifications coming into the registry are thoroughly vetted to ensure that only incident cases are recorded. Incident cases are verified by the treating doctors to confirm the diagnosis, and completed forms are coded. The data are stored electronically using the IARC/IACR CanReg system. Patient name lists are generated periodically to physically eliminate duplicates.

When several lesions of the same histological type occur in a patient, only the first lesion is recorded. Subsequent lesions are ignored. For example, the incidence of non-melanoma skin cancer is very high in the white community of Zimbabwe, and many patients develop several lesions of the same histological type during their lifetime. However, if basal cell carcinoma and squamous cell carcinoma of the skin occur in the same patient affecting the same or different sites, they are recorded separately.



Use of the data
Data from the registry are extensively utilised by both indigenous and foreign researchers, lecturers, students, conference participants, health educators, and the Ministry of Health and Child Welfare for management planning and cancer control programmes.

Source of population
Claimed to derive from the 2002 census, but the data do not correspond to the period 1998-2002.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).
This registry has the lowest histological verification rate in the monograph.

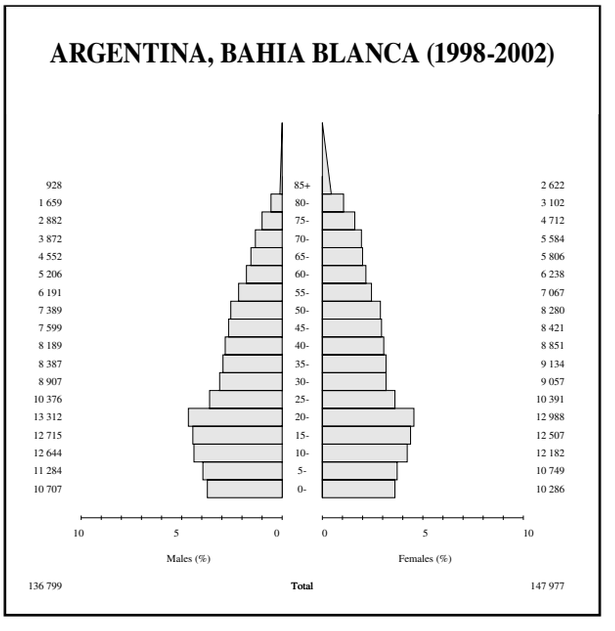
Central and South America

Argentina, Bahia Blanca

Registration area
The Regional Tumor Registry of the South of the Province of Buenos Aires covers an area corresponding to 15 political areas, with a population of 627 505 inhabitants in 2001. The data presented are for the political area of Bahia Blanca (population 284 776) only.

Bahia Blanca is mainly an urban area, with a large petrochemical industry. The remainder of the population lives in small rural villages.

Practically 100% of the population is white, most of them descended from European immigrants who arrived during the late 19th and early 20th centuries. In some political areas, such as Coronel Suarez, there are settlements of German descendants. In the south of the province, there is a varying population of workers who come from Chile for the onion harvest, but the permanent Chilean population amounts to less than 5%. The predominant religion is Catholic, but there are also other Christian minorities.



Cancer care facilities
The two public hospitals of the area have oncology services. Surgery is performed in the general surgical services. There are two private radiotherapy institutes, which also treat patients from public hospitals; one has a linear accelerator. Computerised tomography is available in almost all of the larger public and private institutions, and one of them has a nuclear magnetic resonance imaging facility.

Registry structure and methods
Although the registry was recognised by Provincial law and a municipal resolution in 1993, it still does not have a specific budget. It is based in the Dr. Jose Penna General Hospital and its Director has been appointed Chief of the Biomedical Investigation Unit, but no specific personnel or funds have been assigned. The Argentinean Association for Education and Prevention of Cancer, a non-profit organization founded in 1986 to improve cancer control, maintains the registry and other high-priority activities of the Association, such as the Tobacco Control Programme. Although its resources are limited, it is able to pay for a registrar, and has provided small fellowships for training young students. Some support has been received from IARC. The foundation Alberto J. Roemmers provided funds for epidemiological research in 2000–2001, and the National Ministry of Health in 2004.

Data collection is mainly active. The sources of cancer cases are public, private and military hospitals, as well as pathology laboratories and a flux cytometry laboratory. We also visit Radiotherapy Institutes and haematology doctor's offices.

Data management is carried out using the IARC/IACR CanReg software.

Interpreting the results
There have been few changes in the population since the establishment of the Registry. The Registry has more information sources for this period compared to in 1989–92 and 1993–1997, so the data are now more complete.

There are no organised screening programmes within the region. PSA is used more frequently, but it is not possible to determine the proportion of the male adult population screened.

Use of the data
Reporting of incidence is considered the most important activity of the registry, as population-based cancer registration is so limited in the country.

In combination with the registry, the Epidemiological Investigation Unit on Cancer performs some tobacco control activities.

During the last three years we have been consulted at the national and provincial levels to develop new cancer registries, and we have trained professionals and technicians in the provinces of La Pampa and Jujuy, where new cancer registries have recently been established.

The registry is currently involved in epidemiological research, and policymakers use our data for planning and evaluation of health services.

Source of population
The estimate of the population–at–risk is based on the 2001 Census.

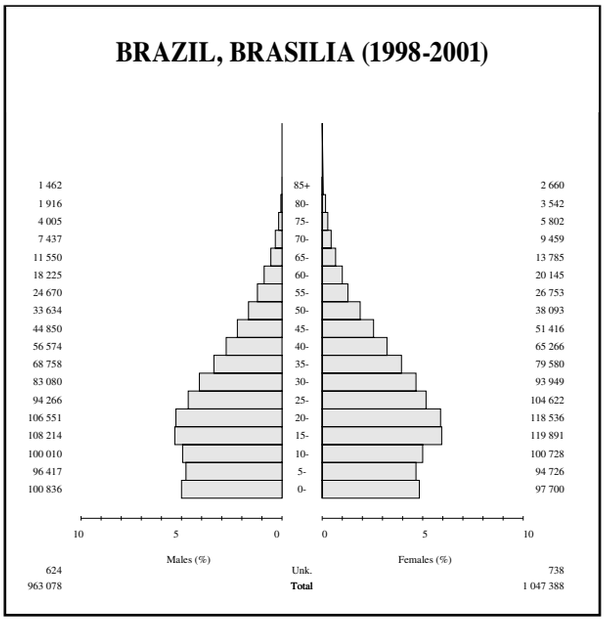
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Brazil, Brasilia

Registration area
The PBCR Federal District (DF) covers the capital city, in the Mid-West region of Brazil. It is located between 15º30' and 16º03' South latitude and 47º25' and 48º12' West longitude, covers an area of 5 789.16 km², with 255.25 km² being urban and 5533.91 km² being rural. The climate includes tropical savannas and temperate rainy areas with dry winters; annual average temperature is 20.5ºC (69F) with average air humidity varying between 39 to 83%, being lowest in August and September and highest in December. The altitude is between 1000 and 1152 meters above sea level.

The last demographic census carried out in 2000 by the Brazilian Institute of Geography and Statistics (IBGE) disclosed that in the DF, the resident population was 2 139 580 inhabitants (1 069 790 women and 981 356 men), distributed in 28 Administrative Regions, with 4.2% (89 647) in the rural area. The vast majority of the population is Catholic.

Interpreting the data
The life expectancy for those born in 2000 was of 69.24 years. Currently, the Federal District as well as the whole country is experiencing rapid and expansive demographic change, with an aging population and consequent increase in the chronic degenerative illnesses reflected in mortality statistics. In 2002, cardiovascular illness was the most frequent cause of death in the DF, representing 27.7% of all deaths, followed by cancer (16.6%). In 1979 cancer was responsible for 9.4% of the deaths in the DF; therefore, from 1979 to 2002 cancer mortality increased by 76%. The Ministry of Health (MS) has been publishing data on causes of mortality in Brazilian capitals since 1944. In 1975, the MS implemented the Subsystem of Information of Mortality (SIM), defining the national model of death certification and centralising the processing and annual publication of these data. The quality of information in the DF is partially attributed to low levels of unclear causes of mortality (0.8–5%) in the last five years, the lowest rate among states of the federation. A study carried out in 130 480 deaths in the DF from 1979–1988 disclosed that 16 098 deaths had cancer as the primary cause; 41.3% of the deaths had been verified through autopsies. However, in the deaths caused by cancer, only 12.2% were submitted to necropsy; the younger the patient the higher the number of autopsies. Thus, the fewest autopsies were performed in patients over 74 years old.



Cancer care facilities
In 2002 the DF had 60 hospitals: 14 state-provided, 5 federal and 41 private. Early Detection programs are available in basic care units (68 Health Centres and Units with Family Health Program - PSF), and in the regional referral units (10 Regional Hospitals). The Federal District has High Complexity Centres of Cancer Treatment (CACON) at 3 hospitals.

Registry structure and methods
The Epidemiology and Regulation Management coordinates the Population-Based Cancer Registry in the DF and supervises, assesses and monitors the hospital-based cancer registries in this district. In the DF there is a Skin Cancer Registry that assesses skin cancer cases diagnosed in the public health system.

The PBCR of the Federal District registers all the cases of cancer (invasive and *in situ*) and benign CNS tumours (in children and adolescents under 19 years old) diagnosed in the DF resident population. Cancer is not a notifiable disease. The main sources of data collection are located in pathology labs, health information systems, hospitals and private oncology clinics.

The PBCR initiated its activities on 27 November 1997 and follows the rules of the National Institute of Cancer/Brazil (INCA). It uses SISBASEPOP/INCA software and it has published data referring to the years 1996–2001.

Use of the data
The Cancer Registry works in cooperation with Cancer Care Coordination, which is responsible for planning, evaluating and executing the Oncological Plan for the DF. The structure of the coordination includes Care Delivery Management, Primary Prevention Management, Early Detection Management, Epidemiology and Regulation Management, Financial and Human Resources Management, Palliative Care Management, and Evaluation, Teaching and Research Management. It is responsible for planning and coordinating health promotion, prevention and care activities in the district.

Source of population
Census 2000. 1998, 1999, 2001, 2002 estimated by Brasilian Institute of Geography and Statistics (IBGE/DATASUS).

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

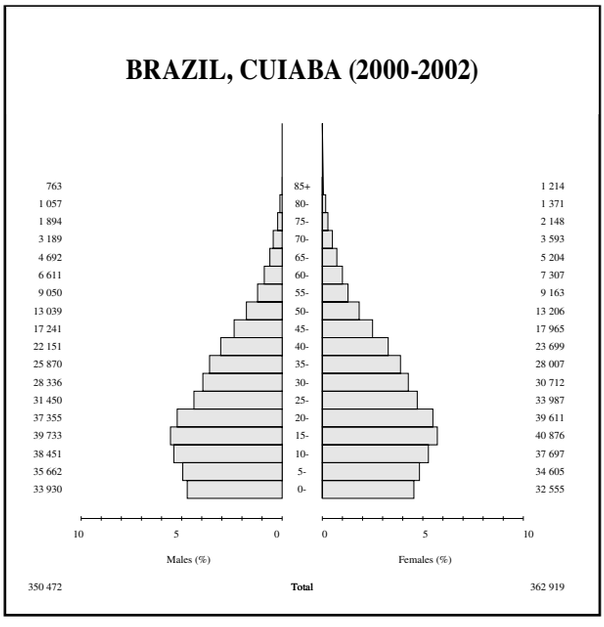
Brazil, Cuiaba

Registration area
The PBCR of Cuiabá covers the cities of Cuiabá and Várzea Grande, in the Midwest region of Brazil. Cuiabá and Várzea Grande have a total area of 4482 Km^2. About 98.44% of the population (some 686,481 inhabitants) lives in urban areas, and the annual growth rate is 2.72% for Cuiabá and 2.66% for Várzea Grande.

The city of Cuiabá is 177 meters above sea level, and Várzea Grande, 191 meters. The climate is continental tropical, with a mean annual temperature of 33ºC.

Cancer care facilities
The State Cancer Control and Prevention Coordination of the State Health Secretariat of Mato Grosso has been working to meet the needs for those who work in the field of oncology, supporting prevention and delivery of care actions, research and epidemiological studies.

Health programs and services are provided by 4 public hospitals and 1 private hospital, with 162 public beds (2.3 per 1000 inhabitants). There are also healthcare units with cancer prevention and early detection facilities. Other cancer diagnostic and treatment facilities include: two radiation therapy clinics, 5 chemotherapy clinics, and 10 pathology labs. There are 22 universities, 3 of which have medical schools.



Registry structure and methods
The PBCR was established in 1999, and data collection started in the year 2000. It is located in the Health Care Department of the State Health Secretariat of Mato Grosso, and has fixed funding.

The registry staff includes a coordinator, a supervisor and 3 registrars. The advisory committee includes an epidemiologist, a pathologist and an oncologist.

Data are actively collected from 25 sources: one specialised hospital, two university hospitals, one general hospital, 10 pathology labs, one hematology clinic, two oncology clinics, two radiation therapy clinics, and 6 chemotherapy clinics. Information on deaths is retrieved from the Mortality Information System (SIM).

Use of the data
In addition to determining cancer incidence and geographic distribution in the city of Cuiabá, the information has been used to study temporal trends, to provide access to screening programs, to collect data for epidemiological studies, to provide resources for teaching and delivery of lectures, and to support cancer prevention and care actions.

Source of population
2001 and 2002, estimates. 2000: census. Estimated by Brasilian Institute of Geopgraphy and Statistics (IBGE) Official Bureau (www.ibge.gov.br).

Multiple primary rules used
IACR rules (1990).

Brazil, Goiânia

Registration area
The Cancer Registry of Goiânia is a population-based cancer registry that covers an area of 739 Km^2. The city is a part of the central plateau in Brazil. The local altitude is 800 meters, at latitude 16º 40" and longitude 49º 15". The climate is tropical and the city is hot and sunny almost all year. The average annual temperature is 10–30Cº.The humidity averages 43% during the winter and 74% during the summer. Two rivers, João Leite and Meia Ponte, cross the city and provide its water. Goiânia, the second planned city in Brasil, is now 72 years old.

The majority of the population comes from rural areas. In the last ten years, the population migrating to the city is decreasing, because agricultural industries are increasing in the rural areas. The ethnic composition is primarily mulattos and whites, with a few blacks. The main religion is Catholic but the number of evangelicals is increasing.

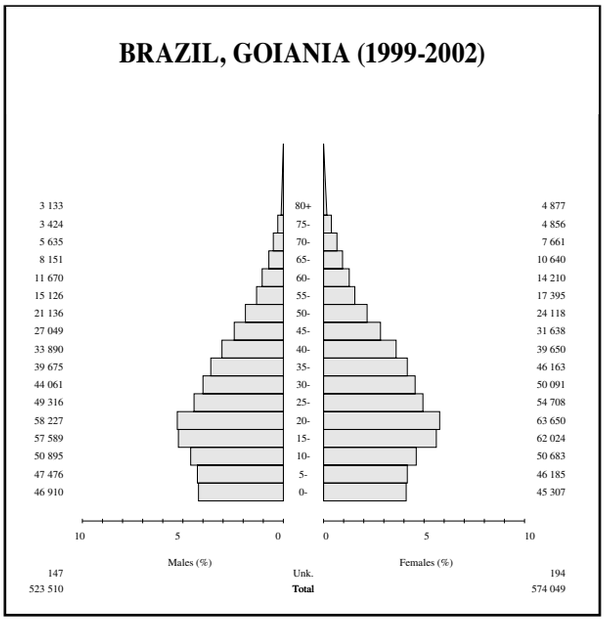
Cancer care facilities
We have one Cancer Hospital founded 50 years ago, which provides 180 beds, chemotherapy, 4 radiotherapy machines, surgery, and chemotherapy, as well as bone marrow transplantation since 2000. There are 5 private clinics also doing chemotherapy. The cancer centre also provides cancer training courses in surgery, radiotherapy and chemotherapy.

Registry structure and methods
The registry is located in the Cancer Hospital. Financial support comes from the Associação de Combate ao Cancer em Goiás (ACCG).

The registry is coordinated by an oncologist. Four people collect data and there is one to code. There is also an Advisory Council comprising seven specialists in oncology.

Data collection is active and no precoded data are received. The main sources of information are the Cancer Hospital, outpatient cancer clinics, histopathology laboratories and the University Hospital. The registry has access to death certificates, which include identifying information. Cancer is not a notifiable disease.

Quality control procedures include verification of date of birth versus topography, sex versus topography and morphology, etc. Analyses of incidence and mortality being evaluated include: cervix cancer, breast cancer, and prostate cancer. We also carry out studies on survival of cervix cancer, breast cancer, colon cancer, larynx, mouth, oesophagus and cutaneous melanoma.



Interpreting the results
There are screening programmes for detection of breast, skin and prostate cancer. PSA testing is not common.

Use of the data
Data on incidence are reported to the providers of information to the registry, and the registry collaborates with postgraduate students doing theses. Research is being carried out on cancer of the oral cavity, larynx and oesophagus in a collaborative study.

Source of population
Estimated by the Brasilian Institute of Geography and Statistics (IBGE) Official Bureau (www.ibge.gov.br).

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

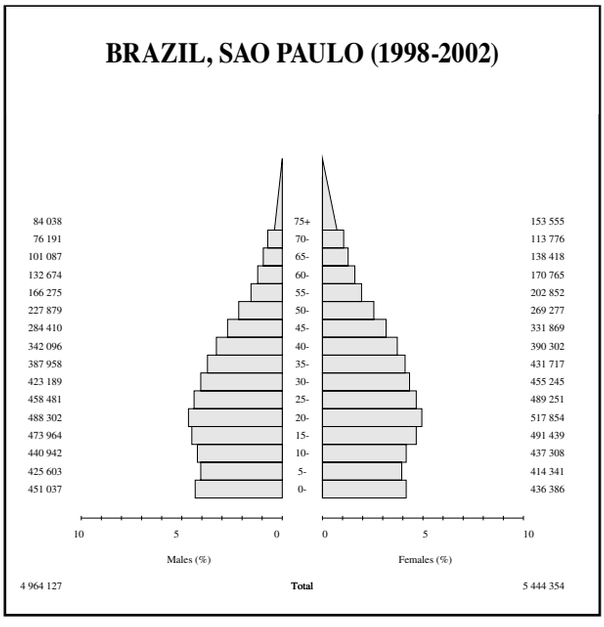
Brazil, São Paulo

Registration Area
The São Paulo Cancer Registry covers the resident population of the city of São Paulo, capital of the State of São Paulo, located in the Brazilian Southeast Administrative Region. The population data is based in the most recent Census (2000), and it includes more than 10 million people, mostly urban (almost 99%) and formed by migrants of many nationalities (Italians, Portuguese, Spanish, Japanese, Germans, etc.). A high percentage of the population is Catholic.

Cancer care facilities
General health care is provided by the local and state health services departments through the district health centres and hospitals, supplemented by private practitioners and covered by insurance. Regarding cancer, São Paulo has many hospitals, radiotherapy and chemotherapy services and pathology laboratories.

Registry structure and methods
The Registry belongs to the Department of Epidemiology of the School of Public Health of the University of São Paulo, one of the five preeminent Brazilian universities.

The financial support is provided at all three government levels (local, state and federal resources). A coordinator (a cancer surgeon physician), 8 data collectors, and three informatics processors compose the administrative framework. There is also a Scientific Commission that provides epidemiological, statistical and pathology assistance.



Although cancer is not considered a notifiable disease, the methods of data collection are mixed; some hospitals have active notifications (spontaneously) of newly diagnosed cases, and others have passive notifications. The main data sources (380 units) are hospitals (some are cancer hospitals) and pathology laboratories.

A special study of survival of cervix cancer and breast cancer in young women illustrated the very good completeness and accuracy of the information recorded in the registry.

Interpreting the results
There are breast and cervix cancer screening programmes in the area covered, and PSA testing is also common.

Use of the data
Annual reports on cancer incidence and mortality are prepared highlighting trends and changes. Some special survival studies (cancer in childhood and cervix cancer) have been carried out.

Many graduate students use the registry data bank for their PhD theses or Masters Degree dissertations; the local health authorities use it as well.

Source of population
Census 2000. 1998, 1999, 2001, 2002 estimated by Foundation Seade (Official Institucion For Population Statistics In The State Of Sao Paulo).

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

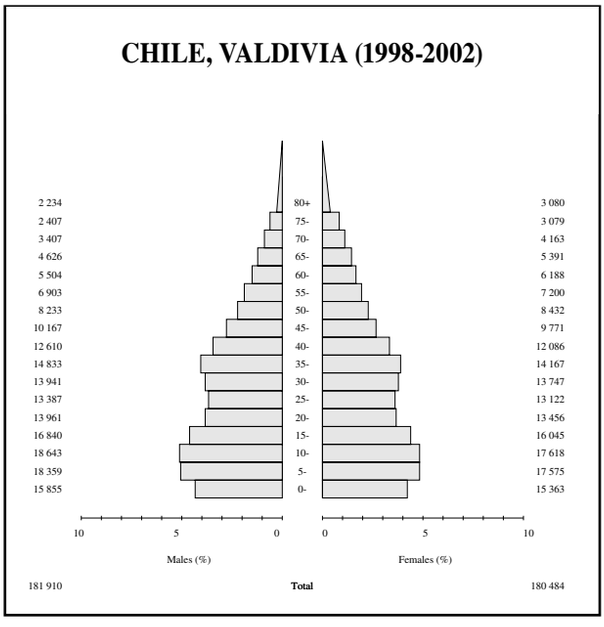
Chile, Valdivia

Registration area
Valdivia's registry area corresponds to Valdivia province, which is divided into 12 districts, located in the 10th region in the south of Chile. The total population of the province, based on the last 2002 census, is 356 396 inhabitants, with a male:female ratio of 1:1; the rural population reaches 38%. Some 70% of the population is in the public health system.

According to the 2002 national census, among the population over 15 years old in Valdivia province 62.5% are Catholic, with 24.5% evangelicals, 7.8% atheists and 5.2% other religions. Ethnic groups comprise 11.4%; the indigenous Mapuche represent 99.1% of these.

Cancer care facilities
The health care network of Valdivia province is mainly public. It comprises 16 primary care centers and 8 public general hospitals, which refer their patients with presumed oncological diseases to Valdivia Regional Clinical Hospital. This is the only oncology centre of the registry area, and it also provides teaching and health services in coalition with the Universidad Austral de Chile.

This core hospital has a pathology laboratory and provides surgical, radiotherapy and chemotherapy treatments. The child radiotherapy treatment facility is the only one in our region.



Registry structure and methods
The population cancer registry is in the Epidemiology Unit Office of Valdivia Province, which is part of the Regional Health Authority of the 10th region, a dependent unit of the Undersecretary of Public Health of the Health Ministry.

It receives technical support from the oncology committee of Valdivia Regional Clinical Hospital and it has one nutrition professional with 33-hour week and two physicians part-time, all with master's degrees in public health.

The registry uses six information sources, passively receiving weekly notifications from the pathology laboratory of the Valdivia Regional Clinical Hospital and actively reviewing all of the clinical records of previous week's patients discharged with cancer diagnosis, both from the Regional Hospital of Valdivia and from the private centres. Also, all cases that enter through particular units and programs are reviewed: Hematology, National Program for Cancer Medication (drugs) and Pain Control Program. The registry also has access to review all of the province's death certificates and the data kept by the Statistical Departments of the Chilean Health Ministry.

We use the CanReg program to register the basic variables defined for the population cancer registries of Chile. The quality standards used are: Percentage of cases with microscopic confirmation; Percentage of cases with death certificate only; Percentage of cases registered without age; and Ratio mortality/ Incidence. Cases are maintained confidentially, preserving the patients' individual information.

Interpreting the results
It is not possible to estimate the proportion of cases of Valdivia residents who choose to continue study or seek treatment in another province, but it is considered to be low as Valdivia Regional Clinical Hospital is the referral centre for the southern area of the country.

Data are evaluated by checking different data sources and their validity, as well as the coding system and correct computational support and quality standards. We apply the IARC Check program once a year in order to find and correct any errors.

There are national programs of early detection for cancer of the cervix (Pap smear) and breast (physical exam and breast x-ray in high risk group). There is no national program of PSA testing; it is usually requested in patients with benign prostate hyperplasia, and sometimes requested in preventive medicine.

No environmental changes that would affect cancer incidence have been registered during the study period, but in 2004 a cellulose factory began operating.

Use of the data
The registry has prepared incidence reports for publication in the epidemiology bulletin *El Vigia* from the Health Ministry, and which are available on the Ministry's web site. Last year we completed specific survival studies in gastric and gall bladder cancer; these were provided to the groups in charge of the protocols for both diseases in the Health Ministry.

Registry information was also used in planning modernisation and enlargement projects for the oncology service at Valdivia Regional Hospital.

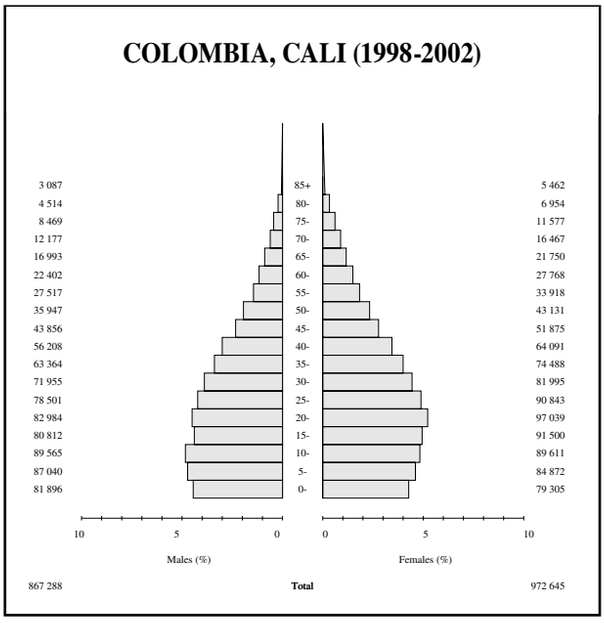
Source of population
The National Statistics Institute makes a national population census every 10 years. the last of which was in 2002. This provides a projection of the population for each region, province and commune.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Colombia, Cali

Registration area

The Registry, in operation since 1962, is limited to the urban area of the city of Cali. Cali is the capital of the Department of Valle, one of Colombia's 32 departments. The department is located in the south-west of Colombia on the Pacific Ocean. Cali is situated 1000m above sea level between the Cauca river to the east and the chain of the Andes to the west, at latitude 3°27' N and longitude 7°31' W. The average temperature is 24°C. The urban registration area of the registry is 120.9 km². The population at the most recent census (2005) was 2 030 000. The great majority of the population are Mestizos (a mixture of Spanish and Indian) with a minority of blacks and whites. More than half of the population are migrants from other areas of Colombia, and in lesser part from other countries. The major part of the population is Catholic. The official language is Spanish.



Cancer care facilities

The Colombian Social Security System reformed in 1993, creating two healthcare systems, one for those who can afford to pay for health care and one for those who cannot. Because the subsidised healthcare system does not have the capacity to meet demand, a third system has developed for those who are "linked" to the subsidised health care system but are not part of it. Those who are "linked" receive a document attesting to their status, and they can receive emergency care. Health services management and delivery are decentralised to strengthen the role of departments and municipalities, the private sector is incorporated within the insurance and health services delivery functions, and basic health services are free and compulsory.

A basic network of health centres has been planned for the entire urban territory, and programmes of primary care and prevention have been promoted. About 60% of the cancer patients diagnosed in Cali are treated at Valle University Hospital, a public general hospital with a total of 630 beds. A hospital-based cancer registry was established in 1986, a team for the management of childhood cancer began activities in 1989, and a formal oncology department was initiated at the end of the 1990s. The hospital also maintains radio- and chemotherapy facilities. Other facilities for cancer diagnosis and treatment include four major non-university hospitals, cytopathology and haematology laboratories, and radiotherapy and chemotherapy centres.

Registry structure and methods

The registry is located in the Department of Pathology of the Medical School in the Universidad del Valle. The staff includes a Director, who is the Professor of Pathology, three assessing pathologists, a statistician coordinator, three record clerks and a secretary. Once a year, a group of specially trained medical students is selected to carry out a field survey of files of all private physicians who diagnose or treat cancer patients. The registry staff and part of the operating cost are covered by de Universidad del Valle. Most of the operating costs are obtained from foundations and specific grants for each activity.

The CCR registry uses active case finding from 57 sources of data, including cancer hospitals, general hospitals, teaching hospitals and 32 pathology laboratories. The information from death certificates is obtained from the Municipal Office of Vital Statistics to check against cancer registration. The death registration system is very adequate and complete, and the cause of death is always noted. The registry staff visit these sources, where they scrutinise the records kept in medical records departments, and registers of individual departments concerned with diagnosis and treatment of cancers, to identify and abstract information on cases of cancer, diagnosed by all methods, among residents of the registry region. The data concerning each case are registered on a special form at the source site. They are classified and revised at the registry office, and the information is entered into a computer database for checking for duplicates, errors and inconsistencies. Difficult cases are discussed by the staff and resolved either by the registry director or by revisiting the source and sometimes reviewing the microscopic slides. No active follow-up is carried out.

Use of the data

The population-based cancer registry of Cali has been studying incidence and mortality trends in the city for the period 1962–2001 using the age-period-cohort model. A long-term analysis of survival of uterine cervix cancer is underway.

A brochure that contains information on CCR activities and incidence and trends in Cali was issued by CCR and distributed to physicians and Health Services. The Cali Cancer Registry is pleased to provide cancer statistics through this Web page: http://rpcc.univalle.edu.co.

Source of population

Intercensal estimates of the resident population by age and sex for each year 1997, 1998, 1999, 2000, 2001 and 2002. The intercensal estimates were obtained by exponential interpolation from the census counts of 1993 and 2005.

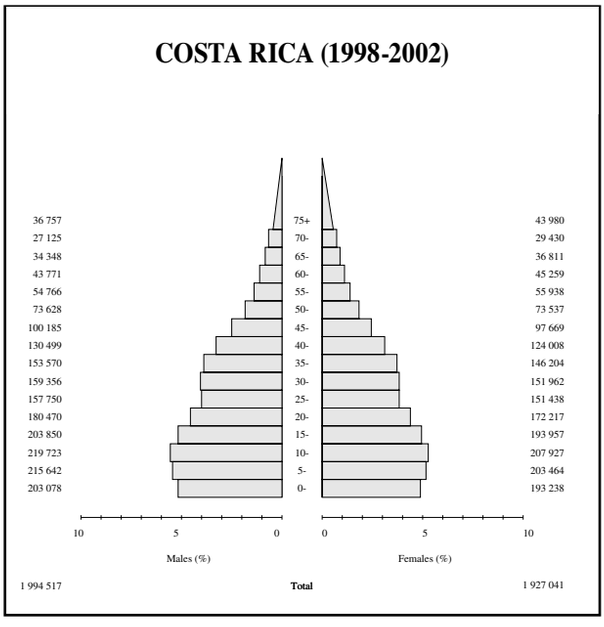
Multiple primary rules used

IACR rules (2000)

Costa Rica

Registration area
Costa Rica covers an area of 51 100 km^2. At the 2000 census the population was 3 810 179 (1 902 614 males and 1 907 565 females), of whom 59% lived in cities and 41% in rural areas. The official religion is Roman Catholic. The main ethnic group is Caucasian-Native, and there are smaller proportions of Blacks, Natives, Chinese and Caucasian-Black.

Cancer care facilities
The country has a national health care system and good-quality vital statistics. The National Social Security system covers more than 90% of the population. The remaining 10% are attended by private health services. Social Security is organized in 3 levels: patients with suspected cancer are referred to the 2nd and 3rd levels (specialised). The Social Security system is made up of 29 hospitals; 5 of them have an Oncology Department. Only 2 hospitals have radiotherapy departments, and there are 2 private radiotherapy centres.



Registry structure and methods
The Costa Rica National Tumour Registry was founded in December 1976 by Executive Decree and started functioning in 1977, but nationwide coverage was achieved only in 1980. The aims were to collect data about cancer incidence and prevalence regarding age, sex, cancer site and geographical distribution within the country.

The registry occupies a section of the Statistics Department of the Ministry of Health, which provides all financial support. One physician, a medical registry technician and two statistical assistants are dedicated full time to the registry. Several medical registry technicians of the Statistics Department collaborate with the registry obtaining information on incomplete cases at the hospitals and clinics and during the death clearance process.

The sources of information for the registry are the compulsory notification sheets on patients leaving hospital, biopsy and autopsy reports with a diagnosis of cancer from all pathology services (public and private), and death certificates mentioning cancer from the National Institute of Statistics and Census.

Except for death certificates, which must be retrieved by the staff, data collection and case follow-up are passive. Death registration is complete, as it is compulsory to show a death certificate before burial. All death certificates mentioning cancer undergo a clearance process within the hospitals of the healthcare system, after which they are classified as DCN or DCO cases or are discarded.

The registry is fully computerised, and each report sheet is checked against the Civil Registry database to determine if the report concerns a Costa Rican. For nationals the personal identification number, name and date of birth or death are verified. Foreigners are included and coded as such in the ID variable; there is a special code for cases of uncertain origin. Reports are then linked to the registry database, using software specially designed to find duplicates, to classify the case as incident or not. Each primary tumour case is given a unique identifying registry number, which is included in the registry database. Several consistency check edits are carried out during data entry, including date of birth/incidence date/ date of death, sex/site, age/ site, age/histology, and site/ histology. Multiple primaries are registered according to the IARC rules.

Follow-up of cases is mostly passive, although every four years an update of death dates is conducted with the Civil Registry.

Interpreting the results
Although no study has been made to evaluate the registry's completeness of coverage, under-registration is estimated to be low given the characteristics of the health system and the vital statistics.

Cases with a cytological diagnosis are accepted when localized in specific sites such as lung and cervix.

The country has made important efforts to establish early cancer detection programmes, especially for cervix, breast, stomach, colon, prostate and skin cancers.

Use of the data
The registry information is used in cancer control decision-making at several levels, and also has been used in various studies regarding occupational exposure cohorts and the risk of cancer during recent years, as well as in descriptive and survival studies.

The country will soon reinforce the Cancer National Health Care Network as part of the recently-defined National Cancer Plan. As cancer is the second cause of mortality in the country, it is considered a principal public health problem.

Source of population
The estimated annual populations were based on the censuses of 1984 and 2000.

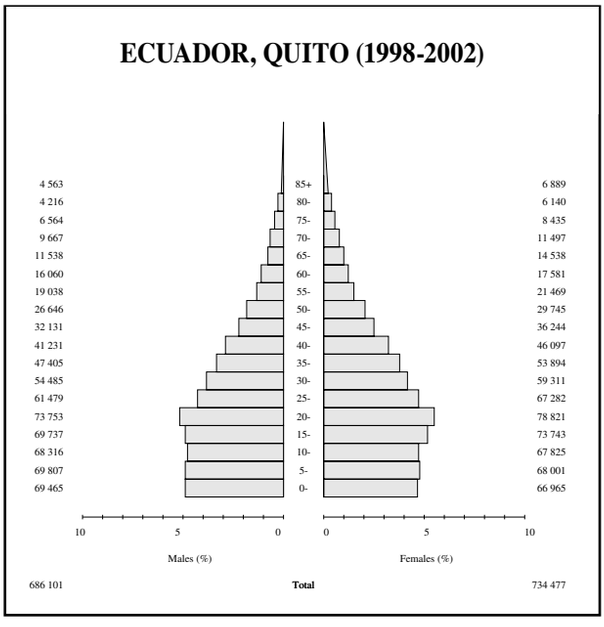
Multiple primary rules used
IACR rules (2000) on CI5 IX period

Ecuador, Quito

Registration area
The National Cancer Registry covers the population living in the city of Quito, the capital of the Republic of Ecuador, situated at 2810m above sea level, in the Andes Cordillera. The city is surrounded by mountains and the average temperature is 17°C.

The average annual growth rate of the population is 2%, which includes a large number of immigrants from rural areas and migrants to migrants to other countries. Most of the population are mestizos (mixed race), and the main religion is Catholic. The literacy rate is 97% of the population; 39% have received primary school education and 23% higher studies.

Cancer care facilities
The healthcare facilities in the city comprise nine general hospitals, relying on the Social Security system and the Ministry of Health, two private hospitals and 30 private clinics. The largest hospital belongs to the Social Security system and has 700 beds used by affiliated workers. The private clinics have between 20 and 80 beds. There is a new modern oncological hospital with 160 beds, which belongs to the Fight Against Cancer Association (Lucha contra el Cáncer, or SOLCA). A full range of diagnostic facilities and treatment by surgery, chemotherapy and radiotherapy are available. According to registry data 34% of patients are diagnosed in the private sector.



Registry structure and methods
The National Cancer Registry of Ecuador was created in 1984, with the initial collaboration of PAHO/WHO, by a ministerial degree in which SOLCA was declared responsible for the funding and administration of the registry. The registry has a Steering Committee directed by the President of the Association.

The personnel of the registry comprises a Director, two epidemiologists and four full-time registrars including on responsible for the computer system. The Director is a medical pathologist and establishes the registry procedures, coordinates the general activities of the registry and is responsible for inter-institute relationships. The epidemiologists coordinate personnel activities, control data quality and set up and facilitate studies, particularly between physicians in SOLCA.

Data collection is active, and the main data sources are pathology and haematology records, from both the public and the private sectors, and clinical records of public and private hospitals. Registrars also contact many physicians who treat cancer patients in the private sector.

The 53 pathologists in the city collaborate voluntarily and enthusiastically in the work of the registry, allowing the registrars to consult their records and in many cases filling out a part of the notification form themselves.

Other sources of information are the death certificates and hospital discharge lists collected by the Institute of Statistics and Census of Ecuador (Instituto de Estadísticas y Censos del Ecuador, or INEC). Follow-up is passive and consists of matching death certificates with the cases registered.

The registry has promoted the creation of cancer registries in other cities in the country, and is monitoring their activities; there are now registries in the cities of Guayaquil, Cuenca, Portoviejo, Loja, and Machala, and a gastric cancer registry in the province of Tungurahua.

Interpreting the results
The National Cancer Registry publishes data in an annual report that is distributed within the country and abroad. The 1999–2002 report shows a significant improvement in the quality of the data. Data on 73 651 cases, 48% of whom were residents of Quito, were received in the registry between 1985-2003.

In the last three years a screening programme for cervical cancer has been undertaken with great enthusiasm. It is supported by WHO, and the registry provides the baseline data to monitor results.

Use of the data
The registry has carried out a number of studies on the epidemiology of selected cancer sites and on quality control, and results have been published locally or internationally. The majority of the scientific research on cancer carried out in the city and in much of the country uses the data from the registry.

Source of population
2001 Census, corrected for non–response rate and for migration. Instituto Nacional de Estadística y Censos INEC. Proyecciones de Población por provincias, cantons, áreas, sexo y grupos de edad. Serie 01 Nro 206. Quito. Agosto 2004.

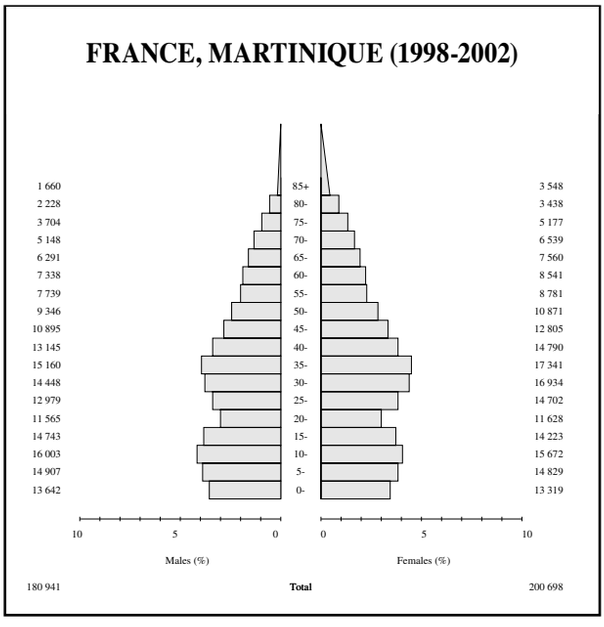
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

France, Martinique

Registration area
Martinique, a French overseas department, is a 1100 km^2 island located between the Caribbean sea and the Atlantic ocean. The department is divided into 34 administrative areas called communes (municipalities).

In the 1999 census, 381 500 inhabitants were living on the island; 57% of people aged >65 years were women. The ethnic distribution was: African or African/white/Indian mixture 90%, white 5%, and East Indian, Lebanese, and Chinese less than 5% each. Immigrants made up about 1% of Martinique inhabitants.

Cancer care facilities
The population is served by 9 public hospitals, including the University Hospital of Fort-de-France. The medical infrastructure in Martinique is almost entirely located in Fort de France: the University Hospital, which comprises the radiotherapy-oncology service, the nuclear medicine service, the haematological and pathological laboratories, the clinical haematology service and department of medical information, two private clinics and one laboratory. Eight other municipal hospitals contribute to diagnosis and treatment of cancer. Medical care is free of charge, allowing unrestricted access to high-quality medical services for all cancer patients registered in regional health insurance files.



Registry structure and methods
Cancer registration has been mandatory in Martinique since 1981, with the Association Martiniquaise pour la Recherche Epidemiologique en Cancérologie (AMREC) being officially created in 1986. The Registry has been integrated into the CHU de Fort de France since 2003. In France, the Registry is integrated into the National Cancer Registry Association (France Cancer Incidence Monitoring, or FRANCIM).

Cancer cases are identified using common sources of information: medical evacuation files, data from private and public hospitals, laboratory files, regional insurance records of the national public medical insurance system. Cases are also declared spontaneously by doctors or by active collection. Letters are sent regularly to all private and public cancer treatment structures. Cancer diagnoses are verified using private and public laboratories of pathology. Cancer cases are only kept for people living in Martinique at the time of diagnosis. The registry is staffed by a full-time medical officer, a full-time registrar and one full-time health worker.

Interpreting the results
In the last decade cancer has become a high public health concern in Martinique. It is the second leading cause of death in men and in women. Several tumours—prostate, breast, colon and rectum, non-Hodgkin's lymphoma—are increasing in the general population. The way of life in Martinique has been changing considerably over the past 20 years. The socio-economic status is now among the highest the Caribbean area, and Martinique's way of life tends to be "westernised" because of constant exchange with metropolitan France. Other characteristics include a highly mixed population, low tobacco consumption and, in most areas, replacement of traditional diet by imported food. Changes in a common set of exposures (lifestyle modification, life expectancy) and improved diagnostic procedures, earlier detection (use of the PSA test, mammography, the Hemoccult test and an organised cervical cancer screening programme in Martinique since 1991) have been suggested to explain these trends.

Use of the data
The registry provides a five-year report of cancer incidence, highlighting trends and changes. Data are also use for evaluation of cancer screening, medical practices and environmental risk assessment. Survival studies for prostate and colorectal cancer patients have also been carried out.

Multiple primary rules used
IACR rules (2004) on historical data.

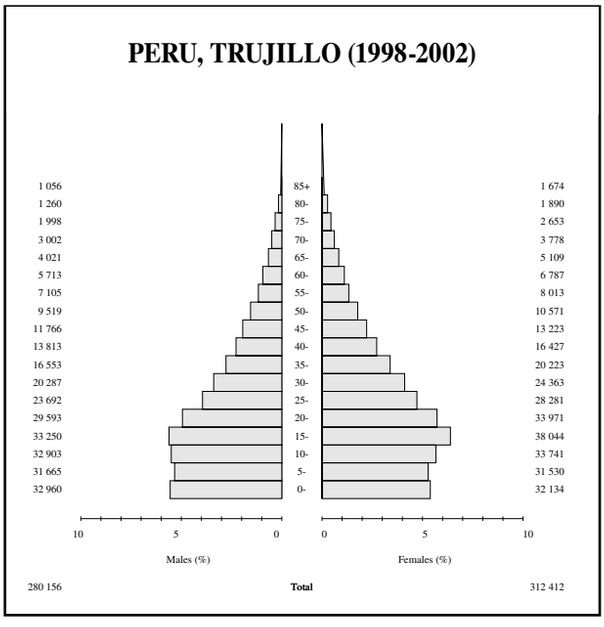
Peru, Trujillo

Registration area
The Trujillo Cancer Registry covers the population of five districts (Trujillo, La Esperanza, El Porvenir, Florencia de Mora and Víctor Larco). They represent Metropolitan Trujillo, on the north coast of Perú. The population at the most recent census (1993) was 513 223. About 96% of the population live in urban areas; 90% are Roman Catholics

Cancer care facilities
Diagnostic and treatment facilities are provided by the Ministry of Health (MINSA) and the Social Security (EsSALUD) hospitals, supplemented by private clinics. Radiotherapy is supplied by one telecobalt unit and radium devices at Belén Hospital.

Registry structure and methods
Financial and technical assistance are received from IARC under a Collaborative Agreement with the National University of Trujillo. The Central Office of the Registry is at Belen Hospital. The Registry is staffed by a pathologist (head of the Registry), one statistician pathologist, one computer analyst and one part-time statistical technician.

Data are collected actively from three general hospitals, the radiotherapy service, and private clinics, pathology laboratories and oncologists. Mortality data are obtained from the original death certificates furnished by the Regional Health Authority. The Registry staff scrutinise the death certificates to complete the database records or to follow up. The Registry members visit the sources to screen the hospital discharge notes and scrutinise the cancer medical records to abstract the required information onto special forms. Data from patients referred to the National Cancer Hospital (Instituto Nacional de Enfermedades Neoplásicas) in Lima are also recorded.



A formal evaluation of the completeness or accuracy has not been accomplished for the 1998–2002 period, but quality data are available.

Interpreting the results
The high incidence of cervical cancer is probably results from the cervical screening programmes implemented by MINSA, EsSALUD and the Trujillo Cancer Prevention League. Breast cancer detection is limited, and PSA screening has not been established.

Transformative industries (agro-industrial, leather, metalmechanic) are located in the suburban areas of the region. Trujillo has a high proportion of motor vehicles, but results of official CO testing are within acceptable limits. The relatively high cost of cigarettes probably explains the low lung cancer incidence.

Use of the data
Every five years a cancer incidence and mortality report is published and delivered to the health authorities, universities and medical institutions. The Registry has also carried out cervical cancer survival and childhood cancer research. Registry data have also been used for university theses and in planning for the Northern Cancer Hospital.

Source of population
The population data were estimated by linear interpolation on the basis of the 1981 National Census and the 1993 National Census. The projection was made by age group for each sex.

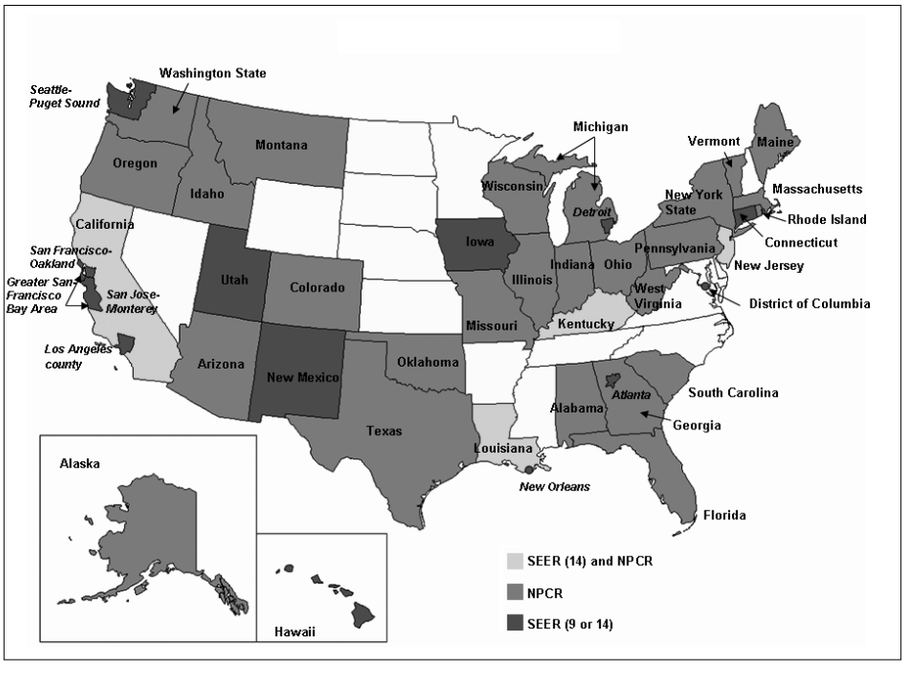
Multiple primary rules used
IACR rules (2000).

Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

North America

Canada

United States of America



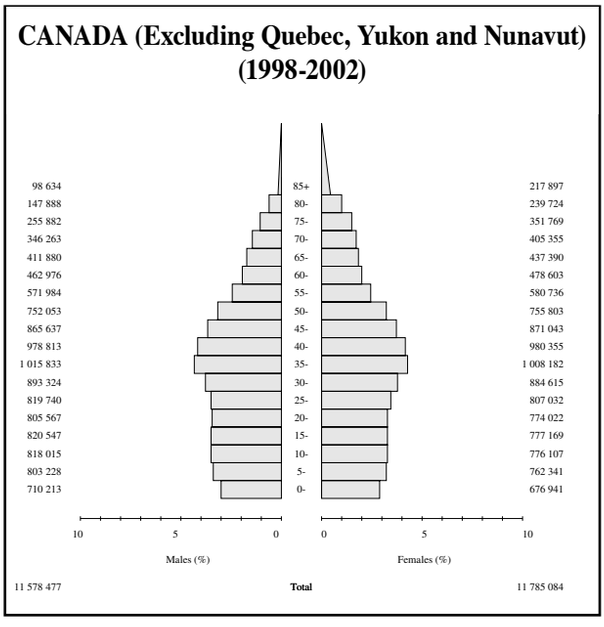
Canada (Excluding Quebec, Yukon and Nunavut)

Since 1969, Statistics Canada, Canada's central statistical agency, has collected population-based cancer incidence data. Starting with the 1992 data year, these data have been compiled by the Canadian Cancer Registry (CCR), replacing the event-oriented National Cancer Incidence Reporting System that existed from 1969 to 1991. The CCR provides national incidence and survival information required for cancer control. Reporting of cancer data by the ten Canadian provinces and two territories is coordinated by the Canadian Council of Cancer Registries, which includes representatives from each of the provincial and territorial cancer registries, Statistics Canada, and the Public Health Agency of Canada.

Registration area

Canada is the second-largest country in the world, with an area of 9 984 670 km^2 extending from longitude 53º to 141º W and from latitude 42º to 83º N. It is bounded to the west by the Pacific Ocean and Alaska, to the north by the Arctic Ocean, to the east by the Atlantic Ocean and to the south by the United States.

In 2001, the population of Canada numbered 31 110 565, of whom 25.5% were under 20 years of age and 12.6% aged 65 or over. Most Canadians live in a corridor about 300 km wide along the southern border. Almost one third of the population is concentrated in the metropolitan areas of Toronto, Montreal and Vancouver.



Between 1991 and 2001, Canada attracted 1 830 680 new immigrants (almost 6% of its population). Ontario attracted 55.8% of the new arrivals, followed by British Columbia (20.2%), Quebec (13.4%) and Alberta (7.1%). Almost one fifth of all Canadians are foreign-born.

Canada is an ethnocultural society. In 2001, visible minorities constituted 13.4% of the population. Of these, the largest three groups are: Chinese (25.8%), South Asian (23.0%), Black (16.6%), and Filipino (7.7%). English is the mother tongue of 58.5% of the population and French is the mother tongue of 22.6% of the population. The major religious denominations are: Catholic (42.9%), United Church (9.6%), and Anglican (6.8%). The aboriginal population of Canada (accounting for 3.4% of the population) is primarily comprised of North American Indians, Métis, and Inuits.

Registry structure and methods

The patient-oriented Canadian Cancer Registry evolved from the event-oriented National Cancer Incidence Reporting System[1] established in 1969. The Canadian Cancer Registry is an administrative survey. Beginning with cases diagnosed in 1992, cancer incidence figures collected by provincial and territorial cancer registries have been reported to the Canadian Cancer Registry, which is maintained by Statistics Canada. The Canadian Cancer Registry has been developed to provide Canadian incidence and survival information required for cancer control. The Canadian Cancer Registry forms a personal information bank that is listed in the annual publication *Info Source: Sources of Federal Government Information*.

The Canadian Cancer Registry is a collaborative effort between the thirteen Canadian provincial and territorial cancer registries and the Health Statistics Division of Statistics Canada.

The Canadian Cancer Registry is a dynamic database of all Canadian residents alive or dead who have been diagnosed with cancer. The function of the Canadian Cancer Registry is to produce standardised and comparable cancer incidence data for each newly diagnosed primary site of cancer. The Canadian Cancer Registry system records the kind and number (incidence) of primary cancers diagnosed for each person over a number of years until death. The advantage of this system is that longitudinal data are available for each cancer patient. New primary cancers occurring for previous cancer patients are identified. The patient data are linked annually to the Canadian Mortality Database so that the date, place and cause of death of every cancer patient are eventually known.

In addition to information on cancer incidence, data are available about the characteristics of patients as well as about the nature and frequency of their tumour(s). Since patients' records remain active on the Canadian Cancer Registry until confirmation of their death, survival rates for the various forms of cancer can be calculated.

The Canadian Cancer Registry also employs specialised internal record linkage software for detecting duplicate records and for clearing death records. These procedures are done annually. Conflicting information and other problems with the cancer data are resolved through consultation with the reporting provinces and territories.

Use of the data

The annual publication *Canadian Cancer Statistics* is produced by the Canadian Cancer Society, the National Cancer Institute of Canada, the Public Health Agency of Canada, Statistics Canada, the Provincial/Territorial Cancer Registries and Health Canada. The estimates are calculated through extrapolation of cancer incidence data from the National Cancer Incidence Reporting System (NCIRS, 1969–1991) and the Canadian Cancer Registry. Also, non-nominal data for all Canadian registries are published annually by NAACCR in *Cancer Incidence in North America*.

Source of population

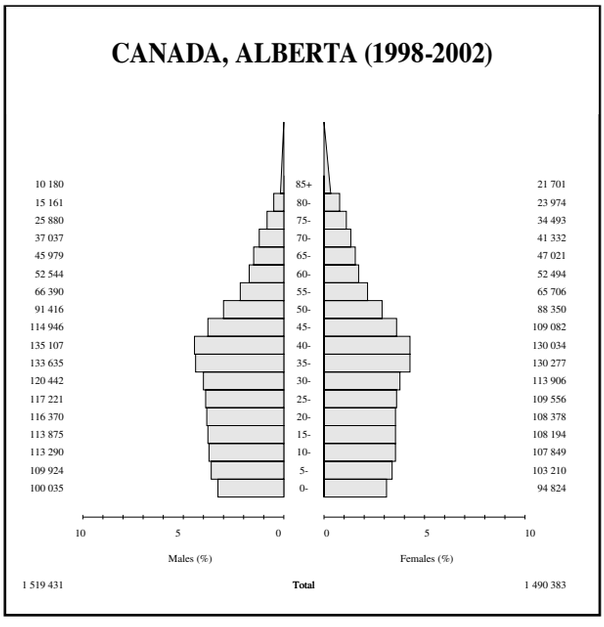
Estimates of Population by Age and Sex for Canada, the Provinces and the Territories (1998–2003).

Canada, Alberta

Registration area
Alberta is one of the Prairie Provinces of Canada. Its area of 661 688 km^2 lies between latitudes 49° and 60° W. The Alberta Cancer Registry covers the population of the 9 Regional Health Authorities within the province of Alberta. The population estimated for Alberta in 1999 consisted of 1 466 696 females and 1 497 933 males.

Alberta has a multi-ethnic population; half of the population are of British extraction, the remainder including people of other European, Asian and Native American origins.

Cancer care facilities
Cancer care is provided and administered by the Alberta Cancer Board in two major treatment centres, four associate and eleven community cancer treatment centres throughout the province. The two major tertiary centres, the Cross Cancer Institute, in Edmonton and the Tom Baker Cancer Centre, in Calgary provide radiotherapy, systemic therapy, and limited surgical procedures. The associate and community cancer centres provide chemotherapy services.



Registry structure and methods
The Alberta Cancer Board's Division of Population Health and Information operates a number of cancer prevention, screening and surveillance initiatives on behalf of the organisation. Several organisation-wide services are also coordinated by this Division, which maintains the Alberta Cancer Registry under the directorship of Dr. Heather Bryant. The Alberta Cancer Registry operates out of the two tertiary cancer centres. Calgary is responsible for the southern half of the province while Edmonton maintains data for the northern half. The Registry staff is involved in coding and abstracting, entering data into the collaborative stage program, research projects, and quality assurance activities. Completeness of cancer cases is very high in the Registry; however, passive follow-up to find additional cases includes record linkage with Alberta Vital Statistics and an ongoing case ascertainment project with the Alberta Health Registration file.

Provincial legislation mandates the registration of all reportable cancers from diagnostic facilities and medical practitioners within Alberta. The Alberta Cancer Registry primarily uses a passive case-finding approach. Pathology, cytology, and operative cytology reports as well as reports from scans, x-rays, etc. with the mention of cancer are sent to the registry. The province is in the process of implementing a provincial electronic health record, which will improve the accuracy of patient demographic information as well as provide timelier access to the reports previously outlined. In addition, Alberta Vital Statistics provides an electronic file each month of all individuals dying in the province, which enables the Registry to identify patients who have died from cancer or cancer patients dying from other causes.

The Alberta Cancer Registry maintains routine computerised and manual quality assurance data reviews of specific variables on a monthly, quarterly, and yearly basis as required. Mechanisms have also been established to measure the quality of registry-collected variables with respect to completeness, accuracy, and timeliness. The Alberta Cancer Registry received the Gold Standard awarded by the North American Association of Central Cancer Registries (NAACCR) for 1998, 1999, 2000, 2002, 2003, and 2004 incidence data. For 2001 data, silver certification was awarded.

Use of the data
The Alberta Cancer Registry publishes or is involved in the development of several documents on cancer incidence and mortality in Alberta. Publications include the annual report, *A Regional Picture of Cancer in Alberta* (for the Regional Health Authorities), *A Snapshot of Cancer in Alberta*, and various monographs.

The registry is the key source of information for service provision planning by the Alberta Cancer Board, its host agency. Information on cancer within each regional health authority in Alberta is also released to them for planning services. The registry provides data to the screening programs to allow for quality assurance and follow-up of mammography and cervical screening.

The Cancer Registry also has a close relationship with the Alberta Cancer Board's clinical database, which enhances data analysis opportunities.

We also respond to over 100 requests for information from the Registry each year. Many of these requests involve the use of Registry data for population or clinical research questions. Examples of this include the use of registry data to invite participants into intervention trials, or studies of the use of complementary therapies for cancer treatment. All research projects must be approved by the Research Ethics Board prior to initiation, and the registry, rather than the investigator, is the usual originator of contact with the individual. Registry data has also been included in several multi-centre studies, and the Alberta Cancer Registry has combined registry data with other research data to examine the projected impact of the use of Hormone Replacement Therapy in the population.

Source of population
The population–at–risks by sex and age from 1998–2003 have been estimated using the adjusted intercensal or postcensal estimates based on the 1996 Census, as provided by the Population Estimates Section, Demography Division, Statistics Canada.

Multiple primary rules used
IACR rules (2004) on historical data

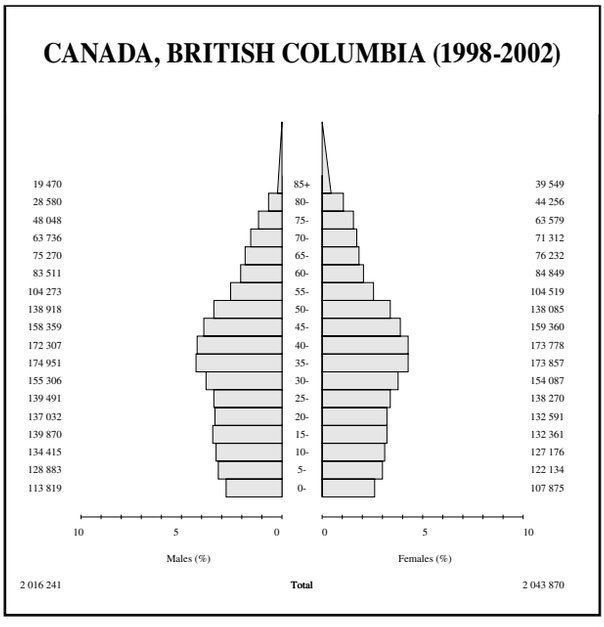
Canada, British Columbia

Registration area

The registry covers all of British Columbia (BC) (926 492 km^2), the most westerly province of Canada, bordered by Alberta to the east and by the Pacific Ocean to the west. Most of the population is concentrated in the southwest corner of the province, where the climate is the mildest.

The proportion of immigrants in the population has increased by 1.3% from 17.7% for the 1991–1995 period to 19.0% for 1996–2001. Currently, most immigrants to BC come from Asia, in particular China, Taiwan, India, Hong Kong, the Philippines and South Korea. Based on the 2001 census, 56% of British Columbians belong to a single ethnic origin and 44% to more than one. The largest group of visible minorities within British Columbia is the Chinese, followed by South Asians. Aboriginal people comprised 4.4% of the population in 2001.

The top three industries within British Columbia are retail trade, health care and manufacturing, with the largest component of the working population employed in clerical and sales occupations.



Cancer care facilities

Cancer diagnostic services are provided through general hospitals and specialty clinics. Cancer therapy is provided through a mix of dedicated cancer facilities and general hospitals. The BC Cancer Agency (BCCA), a provincial government agency responsible for cancer care, control and research in British Columbia, operates four regional cancer centres that have close links with local hospitals. Radiation therapy is provided exclusively through the four regional cancer centres. The regional cancer centres also provide approximately 50% of cancer chemotherapy services, with the remainder provided through the Communities Oncology Network, a collaborative voluntary partnership with 19 Community Cancer Centres, 6 Community Cancer Services and 12 Consultative Clinics across BC, in conjunction with the Regional Cancer Centres and the Systemic and Radiation Programs. The Network also supports appropriate delivery of cancer patient care and support in 33 other Community Hospitals.

Registry structure and methods

The registry is part of a combined population-based registry and clinical database maintained by the BCCA. The registry has monitored the impact of cancer on the BC population since 1969. For many years it was mandatory to report cancer cases; however, legislation passed in 1987 authorised the registry to obtain relevant information without the provision of mandatory reporting.

The registry received notification of 95% or more of the cancer cases diagnosed in the province by submission of pathology reports from hospital laboratories or following attendance at one of the four BCCA Cancer Centres, where about 61% of cancer cases are treated or seen at some point. The registry receives listings of all deaths in the province from the BC Vital Statistics Agency. Follow-up is performed to obtain complete registration information and documentation on all cases.

The personnel consists of a director and a scientific director, one senior, one supervisor and eight health record technicians.

Interpreting the results

The Screening Mammography Program of BC (SMPBC) was established in 1988 through the BC Cancer Agency to reduce breast cancer mortality through early detection. From 2000–2004 (inclusive), 1 134 806 examinations were performed for 512 372 women, and 4627 breast cancers were diagnosed (overall cancer detection rate of 4.1 per 1,000).

The BCCA's Cervical Cancer Screening Program was the first organised programme in the world to screen for cervical cancer. In BC, approximately 71% of women age 20 to 69 were screened in a recent 30-month period. The cervical screening programme is credited with an 85% reduction in the number of BC women getting cancer of the cervix and for reducing cervical cancer deaths by 75% since the 1950s.

The Hereditary Cancer Program (HCP) is a result of the BCCA and the BC Provincial Medical Genetics Program working together to provide information and genetic counselling for individuals and families with a strong history of cancer.

PSA screening for prostate cancer became common in the early 1990s although it is not a publicly funded service. Rates of prostate cancer peaked in 1993 and have declined since then.

Use of the data

The registry was originally set up to monitor cancer incidence and mortality in the province, but is now extensively used for health services planning and epidemiological research. Registry data are used as a source of cases for surveys and case-control studies, and as outcome data for cohort studies of occupational groups. Registry statistics and estimates of future incidence trends have also been used in conjunction with clinic referral data for cancer services, budgeting and facilities planning.

Source of population

The population–at–risks by sex and age from 1998–2003 have been estimated using the adjusted intercensal or postcensal estimates based on the 1996 Census, as provided by the Population Estimates Section, Demography Division, Statistics Canada.

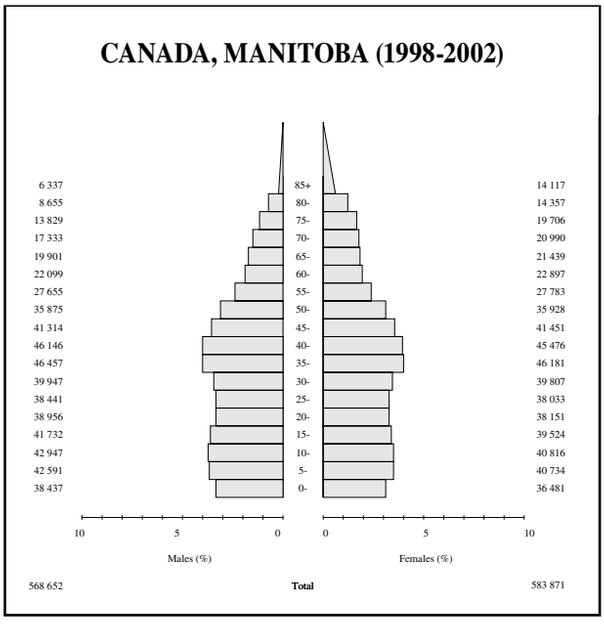
Multiple primary rules used

IACR rules (2004) on CI5 IX period.

Canada, Manitoba

Registration area
Manitoba is a province located in central Canada, bordered to the east by Ontario and Hudson Bay, to the west by Saskatchewan, to the north by Nunavut and the Northwest Territories and to the south by the American states of North Dakota and Minnesota. It lies between latitude 49° and 60° N and longitude 90° and 102° W. The altitude varies from sea level to 823m, and the province covers an area of 649 950 km².

At the time of the 2001 census, 72% of the population was urban, with 60% living in the capital city of Winnipeg. Manitoba is ethnically diverse. Approximately 13.6% of all residents were Aboriginal (Native Americans 60.2%; Métis 37.9%; Inuits 2.3%). A similar number had immigrated from other countries. Of the 133 660 immigrants, 47.5% where born in Europe and 30.3% were born in Asia. The majority of Manitobans reported British (36.7%), French (12.6%) and/or other European (48.0%) heritage.



Cancer care facilities
CancerCare Manitoba is a provincial cancer agency with a mandate to coordinate all aspects of cancer control in Manitoba. Direct patient care involves the provision of treatment services, including outpatient-based radiation therapy at one centre in the major urban centre (Winnipeg), chemotherapy and breast screening mammography. The cancer agency partners with other community care facilities to provide cancer services through the Community Cancer Programs Network, an innovative program for delivering cancer care—primarily chemotherapy—in local communities throughout the province. *Supportive activities* include cancer-related consultation services for other healthcare providers and the development of standards for the delivery of cancer care in Manitoba, as well as the facilitation of cancer-related education, surveillance and research activities.

Registry structure and methods
Manitoba has one of the longest standing cancer registries in the world. It was started in 1937, although it did not become fully population-based until 1956. The registry is located within the Department of Epidemiology and Cancer Registry at CancerCare Manitoba. It is funded via CancerCare Manitoba by Manitoba Health, the provincial health department. The registry staff include the manager, eight cancer registrars, a quality assurance technician, a senior cancer registrar, three clerks and an administrative assistant. Three of the staff are Certified Tumor Registrars. Staff from the epidemiology section of the department also provide support for the registry (four epidemiologists and six analysts); the epidemiology staff are also extensively involved in research, much of which revolves around the cancer registry and linkage to other population-based datasets.

Reporting of cancer has been mandated by law since 1956. Case finding is passive, and multiple sources of ascertainment are used. These include physician notifications, pathology and cytology reports, and hospitalisation, mortality and autopsy records. Cancer registrars collect, classify and maintain comprehensive information on cancer patients. Quality control is an important part of cancer registration in Manitoba, and the registry has been consistently certified by NAACCR for the past eight years.

Interpreting the results
The cancer statistics presented in this volume may be influenced by diagnostic and early detection technologies. The most significant effect is expected to be increased breast cancer incidence resulting from the establishment of the provincial breast screening programme in 1995. An organised cervical cancer screening programme was initiated in 1999. Opportunistic screening for prostate and colorectal cancer occurs, but the magnitude of these practices—and therefore the effect on cancer incidence rates—remains unknown.

Use of the data
The data are used to answer questions relating to the whole spectrum of cancer control in Manitoba. They are also used for surveillance, research, evaluation, planning and teaching purposes and to provide diagnostic confirmation and treatment-related information to healthcare providers.

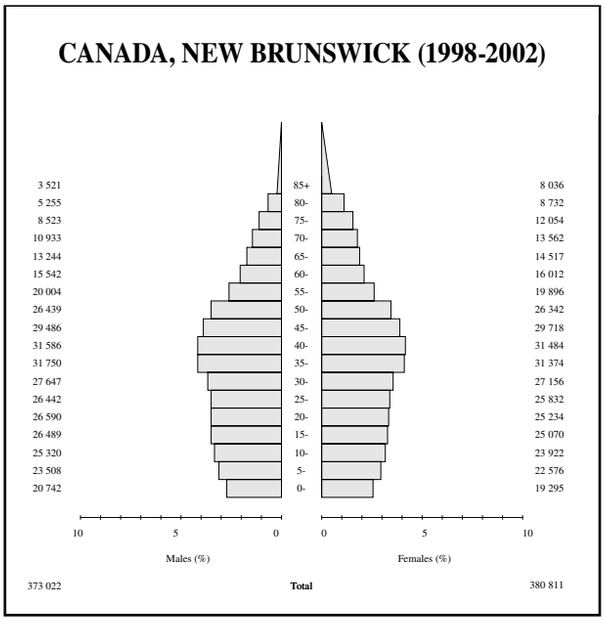
Source of population
The population–at–risks by sex and age from 1998–2003 have been estimated using the adjusted intercensal or postcensal estimates based on the 1996 Census, as provided by the Population Estimates Section, Demography Division, Statistics Canada.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Canada, New Brunswick

Registration area
The New Brunswick (NB) registry covers the population of seven regions and eight Regional Health Authorities within the province. The provinces of Quebec, Nova Scotia and the state of Maine, USA border NB. The population at the most recent census (2001) was 729 498. About 50.4% of the population lives in urban areas (>1000 and no fewer than 400 persons per km^2). There are seven cities, none of which has a population greater than 100 000.

In New Brunswick, religious makeup as reported by the Statistics Canada 2001 census is reported as 54% Catholic, 37% Protestant and 8% with no religious affiliation. Men account for 49.4%, of whom 6% are over 65 years of age, compared to women, 50.6% and 8% respectively. Ethnicity is reported predominantly as Canadian and then French, English and Irish.



Cancer care facilities
Medical treatment of cancer focuses on four modalities: surgery, medical oncology, radiation and supportive services. Paediatric oncology cases are generally referred to Nova Scotia or Quebec for initial consultations with a paediatric oncologist. There are two major radiation-based cancer centres located in the southern part of the province in the cities of Moncton and Saint John. In 1993, the second radiation facility was added in Moncton.

Chemotherapy is administered in the major centres and in 12 outreach centres. There is a provincial Breast Cancer Screening Program that was rolled out in 16 facilities in NB in 1995 to service asymptomatic women between the ages of 50 and 69. There is decentralised cervical screening in NB.

There is no organized prostate screening. PSA testing is ordered at the discretion of the urologist or family physicians in the regions.

Registry structure and methods
The registry is a population-based central cancer registry located in Saint John, NB. The registry is funded by the Department of Health and overseen by Provincial Epidemiology Services (PES), which is located in the city of Fredericton.

The registry is staffed by 4 permanent employees, one PES person who serves as liaison between the coding staff and several internal and external parties, such as Statistics Canada, NAACCR, and the Public Health Agency of Canada. The Director of the registry is Director of the Provincial Epidemiology Services and the Provincial Epidemiologist for NB.

The NB registry uses passive case-finding predominantly from pathology laboratories, radiation and haematology centres, death registrations, autopsies and data from other provincial registries. An electronic linkage is conducted annually between Vital Statistics and the registry database to reconcile missing death information and to identify cases where there is a mention of cancer on the death certificate but no abstract is found in the registry database.

The cancer registry is a patient- and disease-oriented database. Persons may have more than one type of tumour in the database, and the rules governing multiple primary tumours are those of the CCR and SEER. NB also registers basal and squamous cell carcinoma of the skin, one of each, per person per lifetime since 1989.

The AJCC TNM classification method is currently used to assign stage to breast cancer cases.

Authorization to submit patient-specific information is derived from Section 21(1), regulation 92-84 of the Hospital Services Act of NB.

Interpreting the results
NAACCR has awarded silver certification to the NB Cancer Registry for years 1997, 1998, 1999, 2000, 2002, and 2003, and gold in 2001. Incidence is grouped according to the Surveillance, Epidemiology and End Results (SEER) Groups for Primary site of ICD-0-3.

Use of the data
The registry prepares a five-year report of cancer incidence and mortality, highlighting trends and changes by region and community. Some special studies of survival of registered cancer cases (breast), as well as epidemiological research, have been carried out. Policymakers use our data to assess the need for specialized oncology services in the regions and to assess costs on insurance reimbursements for various drugs and equipment related to cancer.

Source of population
The population–at–risks by sex and age from 1998–2003 have been estimated using the adjusted intercensal or postcensal estimates based on the 1996 Census, as provided by the Population Estimates Section, Demography Division, Statistics Canada.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Canada, Newfoundland and Labrador

Registration area

The Registry covers the whole of the province of Newfoundland and Labrador, which lies on the east coast of Canada. The island of Newfoundland is surrounded by the Atlantic Ocean. Labrador is bounded by the Atlantic to the east and the province of Quebec to the west and south. The landmass of the province extends between 47 and 61° N and longitudes 52 and 76° W. The altitude varies from sea level to 1600m in the interior of Labrador. The total area is 371 634 km².

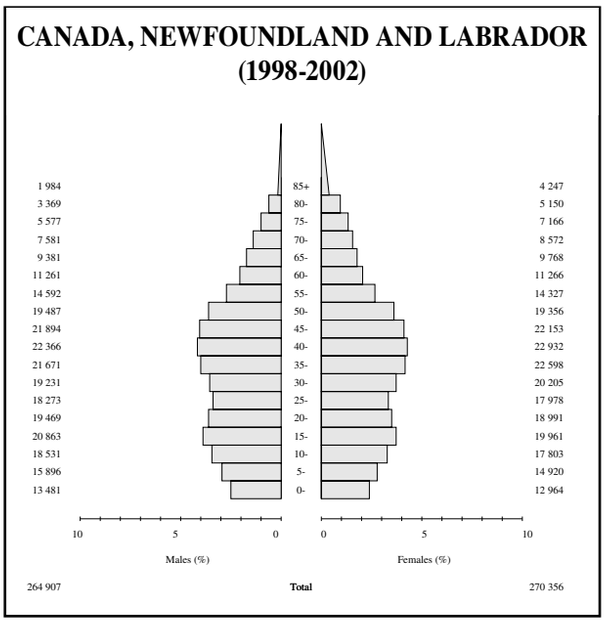
The population according to the 2000 census was 554 076 and in 1991 the population was 568 475. The decrease in population is the result of the net outflow due to migration to other provinces.

Registry structure and methods

The Provincial Cancer Registry was started by the Department of Radiotherapy of St. John's General Hospital in 1954. In 1974, the registry came under the jurisdiction of the Newfoundland Cancer Treatment and Research Foundation (NCTRF). NCTRF was dissolved in 2005 and is know under one of four Regional Integrated Health Authorities. The Newfoundland Cancer Registry is a part of the Provincial Cancer Care Program, Eastern Health, formed on 1 April 2005. Eastern Health is the largest integrated health network in Newfoundland and Labrador, serving a regional population of more than 290 000 and offering unique provincial programs and services. The new health region extends west to Port Blandford and includes all communities on the Avalon, Burin and Bonavista Peninsulas. There are more than 80 hospital, health care centres, long-term care facilities and community care sites.

The Provincial Cancer Registry is located within the Dr. H. Bliss Murphy Cancer Centre, in St. John's. There are regional programs in Corner Brook, Grand Falls-Windsor, St. Anthony and Gander, and regional clinics at the Burin Peninsula Health Centre, Burin; Captain William Jackman Memorial Hospital, Labrador City; and Melville Hospital, Happy Valley-Goose Bay. The Registry is staffed by a full-time director, a manager, a part-time programmer analyst and three full-time health record professionals.

The process for cancer registration is through an Electronic Pathology reporting system (E-Path). The Cancer Registry receives pathology reports electronically from six pathology laboratories through a HL7 interface. Each report is filtered using the ICD-0-3 auto-coding engine. The automated filtering logic examines the topography and morphology codes, and then based on registry reporting requirements selects reports for submission to the registry. E-path has improved the timeliness, completeness and consistency of pathology information.



Cancer is not a reportable disease in our province; the Cancer Act provides a legal mandate for the Provincial Cancer Care Program to establish and maintain a cancer registry.

Interpreting the results

The Cancer Registry is in the process of reactivating a provincial death clearance process. We have purchased a software package (Linkage Wiz) to assist with this process.

Use of the data

The data are used to answer questions relating to the whole spectrum of cancer control in Newfoundland and Labrador. The data are also used for surveillance, research, evaluation, planning and to provide diagnostic confirmation and treatment-related information to healthcare providers.

Source of population

The population–at–risks by sex and age from 1998–2003 have been estimated using the adjusted intercensal or postcensal estimates based on the 1996 Census, as provided by the Population Estimates Section, Demography Division, Statistics Canada.

Multiple primary rules used

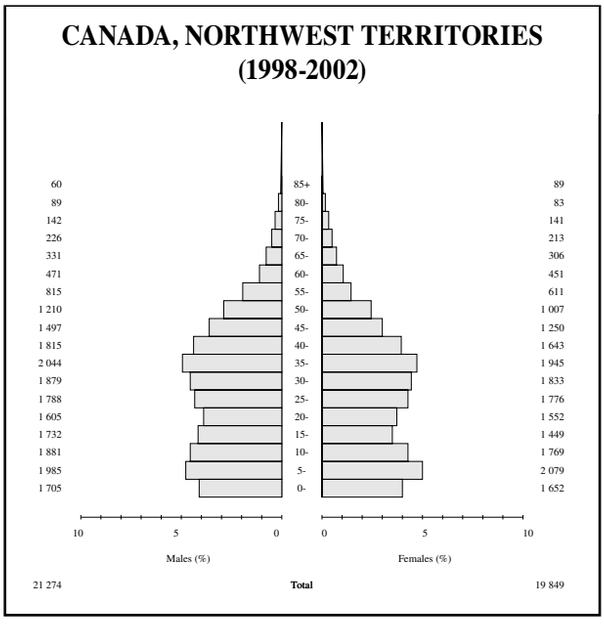
IACR rules (2004) on CI5 IX period.

Canada, Northwest Territories

Registration area
The area covered by the registry is the one of the largest in Canada, yet is sparsely populated. The Northwest Territories (NWT) comprises the area north of the 60th parallel, lying between the Yukon Territory and the Beaufort Sea to the west and Nunavut to the east. The Arctic Ocean forms the northern border, which reaches as far as the 83rd parallel.

All forms of malignancy have been reportable in the Northwest Territories since late 1980. However, the very extensive circumpolar geographical area, which constitutes this jurisdiction, results in an additional reliance on diagnostic service and reporting and may also affect completeness. It should be noted that collection of cancer data was initiated in the late 1950s.

In 2003 the population of NWT was about 42 406 persons living in some 32 communities, half of which had populations of fewer than 500 residents. One-quarter of the population is under 15 years of age. Health programmes and services were provided by eight health and social services authorities and/or boards, reflecting ten official language groups in four ethnic categories (Dene, Inuit, Metis, and non-Aboriginal). Half of the population are Aboriginal people.



Cancer care facilities
In NWT it is possible to perform biopsies, but all diagnostic laboratories are based in Alberta, Canada. It is possible to perform chemotherapy and hormone therapy in the Territories, but there are no radiotherapy departments in the area.

Registry structure and methods
The NWT Cancer Registry is maintained by two registry staff within the Population Health Division, Department of Health and Social Services, Government of the Northwest Territories. These consist of one coder and one analyst. Two are in the process of training to code and we are in the process of having the Alberta Cancer Registry administer the database.

Most formal health services and programmes are provided through community health centres staffed by nurses and visited by itinerant physicians. Three hospitals provide second-line specialist services. However, most tertiary-level services are offered outside the jurisdiction.

All cancers are registered using a form that must be completed by the treating physician at the time of diagnosis. Also, the contract with out-of-territory laboratories requires that a copy of pathology reports indicative of cancer be forwarded to the Registrar. Other sources of information result from an active search of vital statistics, discharge summaries and physicians' notes. The principal sources of information on cancer cases are laboratory reports and discharge summaries. Death certificates are retrieved from the Northwest Territories Vital Statistics office in Inuvik. Informal evaluations are performed to ensure validity and completeness.

Interpreting the data
In 1999, Nunavut separated from the Northwest Territories. Over time we have gained services for mammography and are now able to provide chemotherapy and hormone therapy treatment. Since last year, we now have an oncologist that comes to the territories on a monthly basis.

There is an organized screening programme for breast cancer in the Yellowknife region, and PSA testing is common in our population.

Use of the data
The registry is not currently involved in epidemiological research beyond the production of routine statistics, but policymakers use our cancer registry data for planning and evaluation of health services.

Source of population
The population–at–risks by sex and age from 1998–2003 have been estimated using the adjusted intercensal or postcensal estimates based on the 1996 Census, as provided by the Population Estimates Section, Demography Division, Statistics Canada.

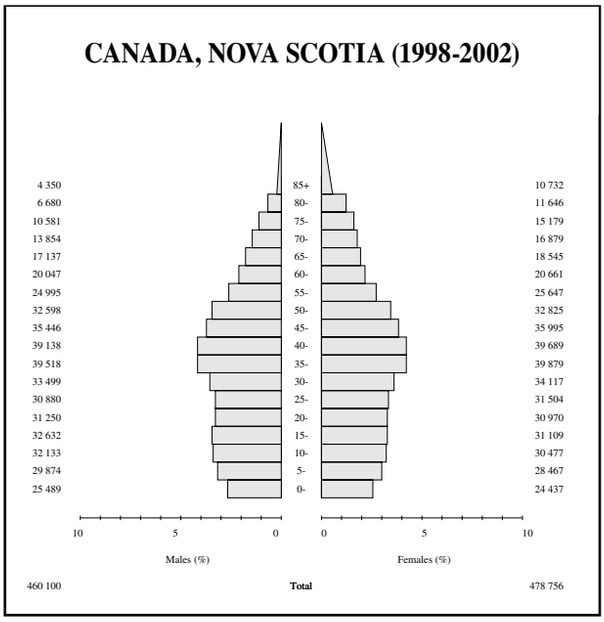
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Canada, Nova Scotia

Registration area

The registry covers the whole of the province of Nova Scotia, one of the three Maritime Provinces of Canada, lying to the south of the St. Lawrence River, east of the Gulf of Maine and south of the provinces of New Brunswick and Prince Edward Island. Although joined to New Brunswick by a central peninsula to the north, it is separated from Prince Edward Island by the Northumberland Strait; to the south, west and east lies the Atlantic Ocean. Most of the province is less than 200m above sea level, the highest point being at 529m in Cape Breton. The province covers and area of 55 491km^2.

At the 2001 census, the total population of Nova Scotia was 932 389, of which 45% report to be of United Kingdom origin, and 16% French while just over 3% indicate North American Indian. Some 40% of census respondents indicate multiple ethnic origins. The active labour force (443 000) was employed in the following categories of industry: manufacturing, 9.3%; construction 6.1%; primary industry (agriculture, fishing, forestry, mining), 4.2%. Almost 80% report being involved in service-related industries (e.g. trade; finance, healthcare, government, education). In 2001, 56% of the population described itself as urban and 44% as rural dwellers. Over 95% of the population who report religion on the census indicate Christian, while 11% did not respond.



Cancer care facilities

All residents of Nova Scotia are covered by a publicly funded comprehensive health insurance scheme. This includes access to family physician and hospital-based care. Many residents have supplemental insurance programs for costs not covered by the public system (e.g. prescription drugs). Since 1993, all residents are assigned a unique health card number that remains with them for life and aids in the maintenance of an unduplicated patient index. Health care is administratively managed and delivered by district health authorities (DHAs). Cancer care is highly centralised, with coordination occurring under a provincial cancer program. There are two main provincial cancer centres that operate satellite facilities across the province for oncology specialist referral and follow-up. Approximately 60% of all patients have some contact with a centre or satellite clinic at diagnosis.

The Nova Scotia Cancer Registry (NSCR) is operated as part of the provincial cancer program and funded by government. It is physically located in Halifax, at a site within the largest district health authority. A total of 12 FTE's are in place (registrars, analytic, administrative staff). Two cancer centres that operate as part of DHAs also have on-site abstracting staff who submit cases to the registry. Cancer has been a reportable disease by law since 1964. The main reporting sources include hospital health record departments (since 1964), pathology/cytology laboratories (since 1964), cancer centres since 1981 (includes all radiotherapy delivery), death record linkage (since 1969) and more recently, screening of visits at targeted clinical areas (e.g. haematology clinics).

Interpreting the results

The NSCR is active in the Canadian Council of Cancer Registries and is a full member of the North American Association of Central Cancer Registries, including participation in the annual certification program. In the five-year period covered by this data submission, several studies were carried out to review case completeness and demonstrated excellent results. New processes have been put in place to target out patient haematological diagnoses. During and at the end of each calendar year, a series of edit checks ensure the quality of data, which are then submitted to Statistics Canada to become part of the Canadian Cancer Registry.

Use of the data

The registry prepares an annual report of cancer incidence and provides this data to users, highlighting trends and changes. A major monograph is produced every five years, and includes incidence, mortality, survival, projections and prevalence analyses. Ad-hoc queries are frequently received and responses provided. Data are also made available for research purposes to ethically-approved studies.

Source of population

The population–at–risks by sex and age from 1998–2003 have been estimated using the adjusted intercensal or postcensal estimates based on the 1996 Census, as provided by the Population Estimates Section, Demography Division, Statistics Canada.

Multiple primary rules used

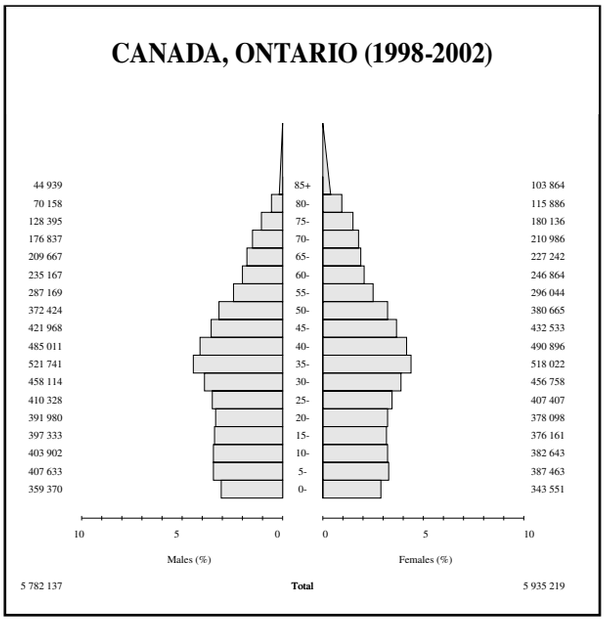
IACR rules (2004) on CI5 IX period.

Canada, Ontario

Registration area
The Ontario Cancer Registry is the largest patient-specific population-based cancer registry in Canada. Operated by Cancer Care Ontario (CCO) since 1964, it covers the entire province of Ontario. The population at most recent census (2001) is approximately 11.4 million people, with over 80% of the population living in urban centres. The major racial/ethnic groups in Ontario are: European 80.9%, South Asian 4.9%, Chinese 3.7%, Black 3.6%, Aboriginal 1.7%, Filipino 1.3%, Latin-American 0.9% and other 3.0%

Cancer care facilities
Cancer Care Ontario is the principal adviser on cancer issues for the Provincial Government. CCO is responsible for long-term planning of the cancer care system and coordination of cancer prevention and control activities and programmes (cancer surveillance, prevention, screening, diagnostic services, treatment, supportive care and research) in Ontario.

CCO does much of its work through 14 Regional Cancer Programs, which are geographically aligned with Ontario's health planning regions (called Local Health Integration Networks, or LHINs). The 12 Integrated Cancer Programs are located in major urban centres, and serve as the hub of the Regional Cancer Programs. CCO continues to directly manage the Ontario Breast Screening Program and the New Drug Funding Program.



Registry structure and methods
The registry operates under CCO's Informatics Unit. CCO's operating expenses were approximately $460 million in FY 2005/06, and it currently has approximately 330 employees, including planners, scientists, analysts, statisticians, clinical and non-clinical managers, technicians and other professionals.

Cancer registration in Ontario is passive, relying almost completely on electronic records collected for other purposes. Close to one million source records are submitted to the OCR each year. Since 1979, the OCR has relied on four major data sources: hospital discharge (including day surgery) summaries that include a diagnosis of cancer; pathology reports with any mention of cancer; records of patients referred to the Integrated Cancer Programs; and death certificates for all underlying causes of death.

While cancer is not a legally reportable disease in Ontario, the Cancer Act provides a legal mandate for Cancer Care Ontario to establish and maintain a cancer registry. Further, under the Cancer Act, any information about a registered case must be kept confidential and not be used or disclosed for any purpose other than for compiling statistics or carrying out medical or epidemiological research. Under the 2004 Personal Health Information and Privacy Act, CCO is also mandated to use this information for planning and management of the cancer system in Ontario.

Interpreting the results
Because of changes in diagnostic practices or rules of coding and registration, interpretation of temporal trends must be done with caution. For example, with the introduction of ICD0-2 in Ontario in 1993, borderline ovarian tumours were now registered as invasive neoplasms; this increased incidence by about 30%. But with the introduction of ICD0-3 in 2002, the classification of borderline tumours reverted from malignant to uncertain behaviour. Thus, incidence seemingly fell by 30%.

Limitations in the range of registered tumours may limit comparability. For example, the Ontario Cancer Registry does not register non-malignant brain tumours, non-melanoma skin cancers, or in-situ cancers, nor is there registration of other cancer precursors (e.g. adenomatous polyps of the colorectum).

Limitations in the accuracy and timeliness of registering and reporting actual incident cases may also be critical factors. For example, annual incidence data are generally not considered final and reported publicly until approximately 18–24 months following initial diagnosis. This may be a limitation for researchers who desire more rapid reporting. Problems in coding consistency and classification constancy may also occur.

Further, new methods of screening and diagnosis can also change patterns of incidence. With rapid diffusion of new methods (e.g. PSA screening introduced in Ontario in 1989) incidence may increase dramatically, often within months, and may distort assessment of the underlying risk of cancer, or present a sudden increase in demand for the cancer system.

Use of the data
The OCR is an invaluable resource for conducting epidemiological studies, and is also used to follow up patients or individuals who may have been exposed to risk factors.

The OCR can also be used to help evaluate the effectiveness of screening programmes. The Ontario Breast Screening Program links its database to the OCR in order to confirm diagnoses of cancer in the screened population, identify interval cancers and verify vital status.

Over the 1990s, use of the OCR expanded to include health care utilisation studies. The availability of data regarding utilisation of hospitals and cancer clinics by

cancer patients as well as details regarding treatment (e.g. surgical procedures) provides researchers with a useful tool in performing these studies.

Finally, with the evolution of CCO into Ontario's planning agency for cancer services, there has been a substantial investment in modern statistical methods of forecasting, as applied to predicting future incidence, survival, prevalence and mortality, over the short (3–5 yrs) and medium (10–15 yrs) terms.

Source of population
The population–at–risks by sex and age from 1998–2003 have been estimated using the adjusted intercensal or postcensal estimates based on the 1996 Census, as provided by the Population Estimates Section, Demography Division, Statistics Canada.

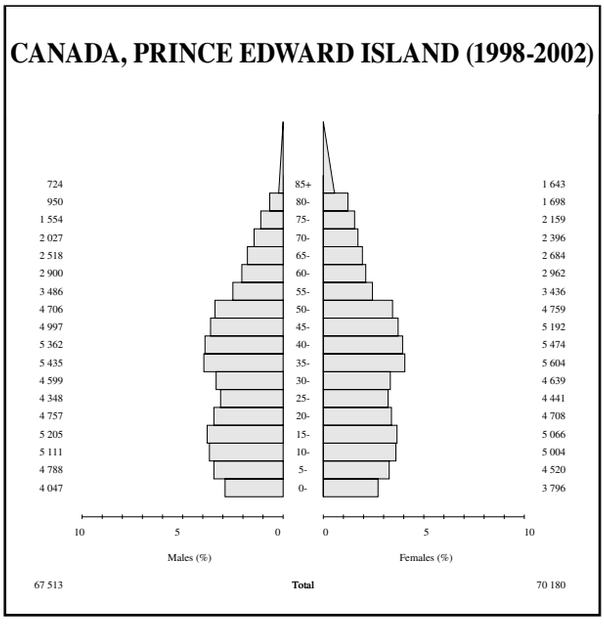
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Canada, Prince Edward Island

Registration area
The registry covers all of Prince Edward Island, the smallest province of Canada, which is situated to the southwest of the Gulf of St. Lawrence, lying between longitudes 62° and 65° W and latitudes 46° and 48° N. The island covers an area of 5684 km².

The population according to the 2001 census was 135 294, with 60 675 being urban and 74 619 being rural. A preliminary population count on 1 July 2005 showed a population of 138 113 on PEI. The male to female breakdown from the 2005 population estimates that 67 198 are men and 70 915 are women. Of these, 11 993 of the females and 12 459 of the males were under age 15. A large majority of the population of PEI is of British Isles origins, followed by French origins. A smaller number are of other European origins.

The primary employment by industry are service sector jobs followed by agriculture and fishing.



Cancer care facilities
The PEI Cancer Registry was formerly part of the Provincial Health Services Authority and is now a division of the Department of Health under the Queen Elizabeth Hospital (QEH) and the PEI Cancer Treatment Centre (PEICTC). Hospital organisation and practice are based on a comprehensive government-organised health insurance scheme. There are no private hospital facilities. Treatment services are provided at the Queen Elizabeth Hospital in the PEI Cancer Treatment Centre. Satellite clinics are held at the Prince County and Kings County Memorial Hospitals, providing medical oncology services. Diagnostic services include CAT scan and MRI, both of which are located in the Diagnostic Imaging Department of the QEH adjacent to the PEICTC. Radiation treatment on a Linear Accelerator became available on Prince Edward Island in October 2003. Previously all radiation treatments delivered on PEI were via a Cobalt 60 machine. All radiation treatment necessitating a Linear Accelerator required travel to another province prior to this time. There is an organised Breast Screening program in PEI. There is no formalised colorectal screening program. PSA testing and colorectal screenings are done at the discretion of the physicians.

Registry structure and methods
The PEI Cancer Registry commenced with cancer collection in 1969 and has been submitting cancer data nationally to Statistics Canada since then. The registry personnel consist of the director (medical oncologist), the manager (1FTE) and a health records technician (.5 FTE). The PEI Cancer Registry is not currently involved in any epidemiological research projects but did participate in the National Enhanced Cancer Surveillance study.

The main source of data for the registry is pathology reports with a diagnosis of cancer, copies of which are sent to the registry from the provincial pathology laboratory. The registry has 98% completeness using the Canadian I/M ratio. The percentage of microscopically confirmed cases for PEI was 93% for the 2003 data submission year. Additional data necessary for cancer registration are obtained from the outpatient cancer treatment centre charts and hospital charts. Physicians and nursing homes are also contacted as needed to obtain information. Electronic sources of data available to the cancer registry staff include the radiology information system, and the laboratory case management system. Death lists are sent from Vital Statistics to the registry monthly. All deaths with mention of cancer are researched and followed back to ensure all cases are registered. Death certificates as the only source of information comprise a very small number of registrations due to the rigorous follow-up procedures; in fact for the 2003 data submission year there were no cancer registrations in which death certificates were the only source of the cancer registration data.

The registry staff follows up on any cases that require further information for registration. The small size of the province and the accessibility of information enable staff to complete cases with a very high degree of quality. The implementation of an electronic health record in the spring of 2007 will further enhance the ability of the registry to follow up cases for further information.

The registry started to collect staging information on all breast and colorectal cancers starting with cases diagnosed in 2003. Staging information on all lung and prostate cancers was added for diagnosis year 2005 with the expectation of stage collection on the whole incidence file in future years. The time frame for this is financial/human resource dependant. The registry staff has received formalised training on the staging of breast, colorectal and lung cancer using the Collaborative Stage method of data collection, with prostate and head and neck sites completed in September 2006 and 2007 respectively. The manager of the registry has been very involved in the national implementation of stage collection and is currently one of six Canadian staging specialists providing training to other cancer registrars. The manager of the cancer registry keeps the statistics for cancer incidence as well as all workload statistics for the PEICTC, which are used by policymakers for future planning of required health services.

Source of population
The population–at–risks by sex and age from 1998–2003 have been estimated using the adjusted intercensal or postcensal estimates based on the 1996 Census, as provided by the Population Estimates Section, Demography Division, Statistics Canada.

Multiple primary rules used
IACR rules (2004) on historical data.

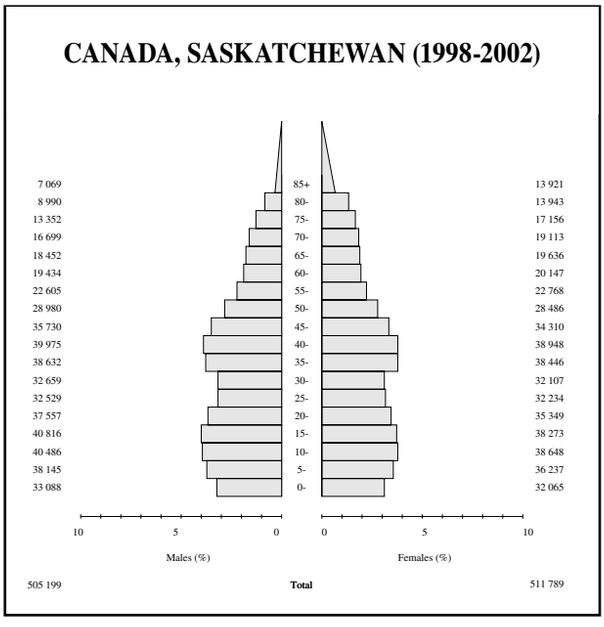
Canada, Saskatchewan

Registration area

The registry includes all of Saskatchewan, a province of 651 903 km^2 located between Alberta to the west, Manitoba to the east, the Northwest Territories to the north and the USA to the south. Saskatchewan is between latitudes 49 and 60 N and longitudes 102 and 110 W. Most of the province is at or above 300m altitude, and the majority of the population live in the southern half of the province.

Among provinces, Saskatchewan ranks sixth in population with 990 930 people according to the 2006 census estimate. The population of Saskatchewan is of mixed ethnic origin. More than 40% of inhabitants trace their ancestry to the British Isles. The next largest ethnic groups claim German, French, Ukrainian, American Indian, Metis and Scandinavian ancestry. Indigenous peoples, mainly Cree, Assiniboine, and Chipewyan account for 17.3% of the population.

Approximately 64% of the population resides in cities of more than 5000 inhabitants, including Saskatoon (237 017) and the provincial capital, Regina (200 854).



Cancer care facilities

The Saskatchewan Cancer Commission Act of 1930 authorised a commission to establish a cancer control program in Saskatchewan. In 1979, the Saskatchewan Cancer Foundation Act established a new organisation to replace the Cancer Commission. The Saskatchewan Cancer Agency is now responsible for treatment, prevention and early detection programs, research, and education services. The Agency maintains two clinics, the Allan Blair Memorial Clinic in Regina and the Saskatoon Cancer Centre in Saskatoon, which provide radiotherapy, chemotherapy and follow-up services. The Agency also has two Cancer Patient Lodges associated with the clinics, a Health Research Division, a Screening Program for Breast Cancer, a Prevention Program for Cervical Cancer, as well as an Education Division. The Screening Program for Breast Cancer was established in 1990 and the Prevention Program for Cervical Cancer began in 2003.

Registry structure and methods

The province is covered by a universal comprehensive health insurance plan. The Cancer Foundation Act mandates that all cancers be reported to the Agency. This reporting structure captures approximately 95% of our case ascertainment. The other 5% is captured through death certificate notification received monthly from the Vital Statistics branch of Saskatchewan Health. The Saskatchewan Cancer Agency is funded by the Saskatchewan Government. The Registry is staffed by 10 FTE cancer registrars, 2 supervisors, 1 coordinator and the director.

Complete computerised information is available on all cancers diagnosed since 1967. There are currently about 212 200 patients and about 281 000 case records on the database. The registry also records follow-up information on approximately 36 000 clinic examinations per year and 25 000 physician reports each year. All cancer cases in the database are coded according to ICD-O-3. Causes of death from cancer are coded using ICD-10, and non-cancer causes of death up to 1999 remain as ICD-9. In 2005 the Registry started using Collaborative Staging for breast and colon cancers. In 2006 additional cancer sites will have collaborative staging applied to them. The Saskatchewan Cancer Registry is a member of the Canadian Council of Cancer Registries and the North American Association of Central Cancer Registries (NAACCR). Our data are submitted annually to the Canadian Cancer Registry and the NAACCR.

The quality of the registry data is maintained through internal edit processes at the point of data entry as well as yearly processing of edit checks. Edits are also conducted by Statistics Canada/ Canadian Cancer Registry and NAACCR on the data we submit to them for quality, accuracy, timeliness and completeness. Statistics Canada now produces a "report card" each year; both the Statistics Canada report and the NAACCR report outline our results and subsequent areas for improvement.

Patient follow-up has been active since 1932. Every case diagnosed (excluding non-melanoma skin cancer) is reviewed at least annually either through an examination at one of the clinics or through our follow-by-mail program, which sends letters to family/referring physicians at regular intervals for 10 years minimum. Although this program is still used as a method of survival/recurrence analysis, it now also helps ensure continuity of patient care once the patient is discharged from the Clinic. The response rate to these letters is approximately 98%. The Registry began performing an active follow-back process on all registered DCO cases in 2002.

Interpreting the results

The vast majority of the population is involved in farming, which may result in higher exposure to pesticides, herbicides, fungicides etc. Recent literature also suggests a link between cancer and diabetes; if substantiated this could have a huge impact on our First Nations population that have a higher rate of diabetes.

Use of the data

The Cancer Agency will be producing its third annual Cancer Control Report this year. The information in the registry also supports Agency planning for cancer control services and is also used as an information source for various research studies.

Source of population

The population–at–risks by sex and age from 1998–2003 have been estimated using the adjusted intercensal or postcensal estimates based on the 1996 Census, as provided by the Population Estimates Section, Demography Division, Statistics Canada.

Multiple primary rules used

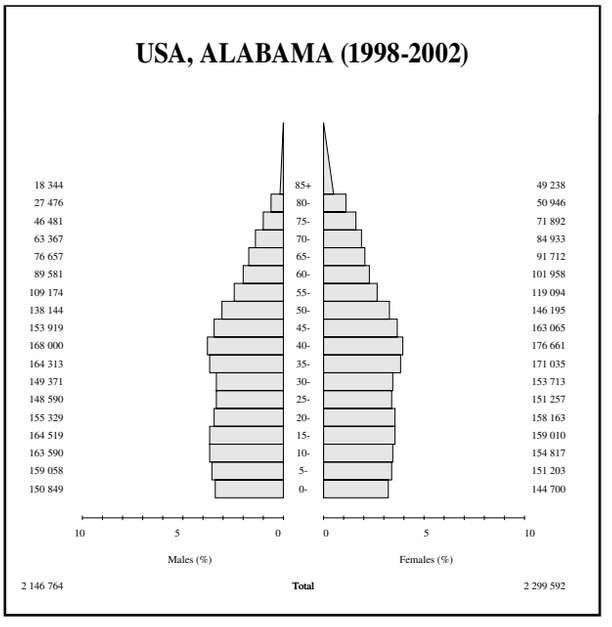
IACR rules (2004) on CI5 IX period.

USA, Alabama

Registration area

Alabama is located on the southern coast of the United States. The state is divided into 67 counties, and the state's largest city is Birmingham, located in the central region of the state. Among the 50 states, Alabama ranks 30th in size, covering 52 423 square miles. According to the 2000 U.S. Census, it the 23rd most populous state, with 4 447 100 residents, and the state's population is projected to increase to 4.8 million by 2010 (Alabama Dept. of Industrial Relations). According to the Census Bureau, Alabama is considered an urban state with 55 percent of its population living in an urban setting and 45 percent in rural areas. Nearly every county in Alabama has some rural population, even the most densely settled counties, but some sparsely settled counties have no urban population at all.

Residents of Alabama are predominantly white (71.1%), with a significant African-American population (26.0%). Hispanics make up 1.7% of the state's population, though Birmingham has been ranked 6th among US cities with the fastest growing Hispanic population (http://apha.confex.com/apha/133am/techprogram/paper_112388.htm). Asians make up 0.7% of the state's population, and Native Americans 0.5%. Alabama has a large number of prime workforce-age residents, with 29% of the state's population between ages 25 and 44.



Cancer care facilities

Cancer is a reportable disease under Alabama Act 95-275. There are 55 healthcare facilities in the state that have fully staffed and functioning cancer registries, along with 54 non-registry facilities who utilise independent CTR contractors to capture and report cancer data. In addition, there are 22 free-standing treatment centres, 36 physicians or physician groups and 13 pathology laboratories that currently report to the ASCR.

Full-service cancer health care is provided by many hospitals in Alabama including two academic teaching facilities. Physicians also deliver limited diagnostic and treatment services in office settings. There are 25 free-standing cancer centres (including radiation centres) and clinics that also provide a full scope of therapeutic options for their patients.

Registry structure and methods

The ASCR is housed in the Bureau of Health Promotion and Chronic Disease of the Alabama Department of Public Health. The ASCR staff comprises 12 permanent employees, including an Administrative Director, a Program Manager, an Epidemiologist, an Operations Analyst, and four Regional Coordinators (RC), three of which also have additional functions within the registry such as Completeness Coordinator, Quality Assurance Coordinator, and Education Coordinator. In addition, the ASCR has a Death Clearance and Research Coordinator, two case finding auditors and an Administrative Assistant.

The ASCR is supported through Federal funds under the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR). The ASCR does not currently receive any state funds except through support from five county health departments, which provide office space for regionally-based staff.

Electronic reporting is currently being phased in with pathology labs and physician groups. All other reporting sources report via the ASCR's secure website. Thirty-eight of these healthcare facilities are certified by the American College of Surgeons and report approximately 80% of Alabama's incidence.

Interpreting the results

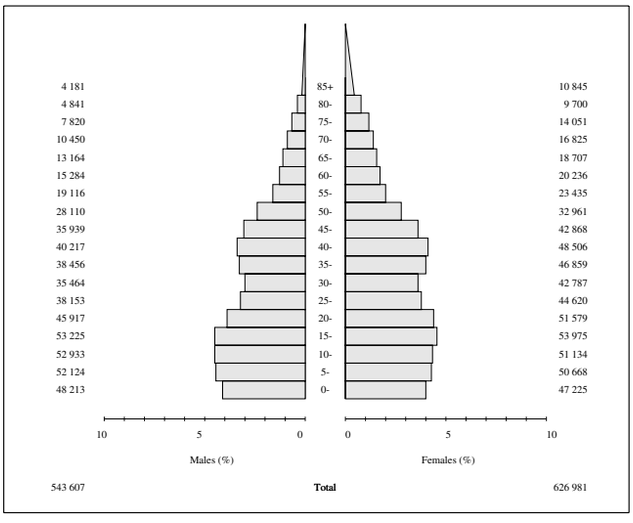
Alabama has captured at least 95% of its expected caseload over the past several years, and is proud to provide a high quality, statistically useful database.

Screening programs are offered through hospitals, physicians and community organisations such as the American Cancer Society for sites such as breast, skin, colorectal, and prostate. The Alabama Breast and Cervical Cancer Early Detection Program (ABCCEDP) offers screenings for breast and cervical cancers. Prostate Specific Antigen (PSA) testing is a common practice used by healthcare providers in Alabama.

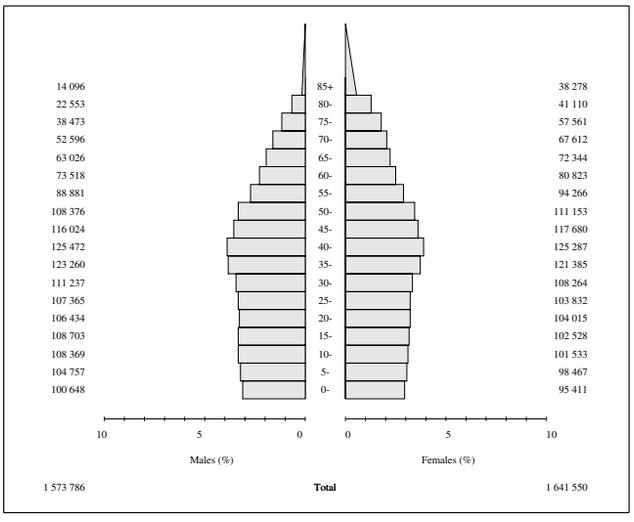
Use of the data

The ASCR, in conjunction with the American Cancer Society's Alabama Affiliate Office, prepares an annual report of cancer incidence, highlighting trends and changes, as well as the efforts of Alabama's Comprehensive Cancer Control Program. In addition, the ASCR collaborates with researchers and Principal Investigators across Alabama and around the US on special data linkages and research projects addressing issues from cancer prevalence to disparities in care. The ASCR limits participation in such activities to twelve open research projects at any given time.

USA, ALABAMA: BLACK (1998-2002)



USA, ALABAMA: WHITE (1998-2002)



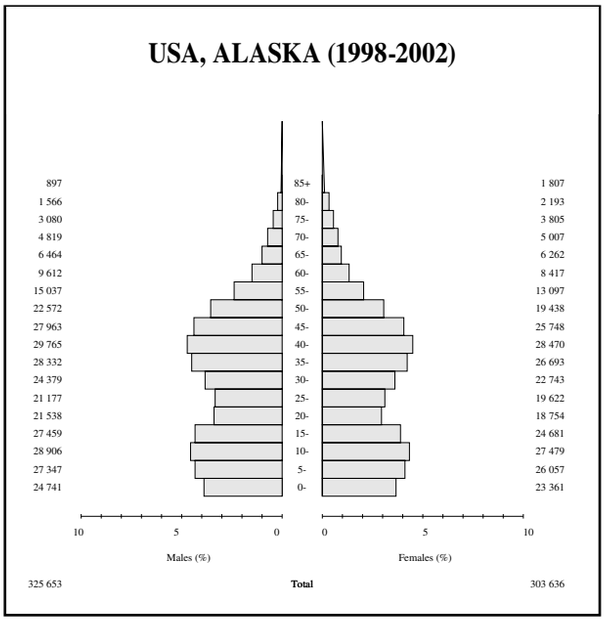
Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census. http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Alaska

Registration area
The Alaska Cancer Registry (ACR) covers the population of the State of Alaska, the northernmost state in the United States. Alaska represents 16% of the total land area of the country, but only 0.2% of the country's population. The population at the most recent census (2000) was 626 932. The state is divided into 27 county-equivalent areas of municipalities, boroughs, and census areas. Most of the state is rural and sparsely populated. About 42% of the population lives in the Municipality of Anchorage (260 283), although Anchorage represents only 0.3% of the land area of the state. The top five county-equivalent areas in the state (Municipality of Anchorage, Fairbanks North Star Borough, Matanuska-Susitna Borough, Kenai Peninsula Borough, and Juneau Borough) make up 77% of the state's population and represent only 9.2% of the land area. The statewide population is 73.5% White, 17.2% Native Alaskans or American Indians, 5.1% Asian or Pacific Islanders, and 4.3% Black.

Cancer care facilities
General healthcare in the state is provided by 24 hospitals, numerous health clinics, and many private practitioners. Because the Anchorage Municipality has the highest population, it also has the highest number of healthcare facilities, including four hospitals. In rural areas, many boroughs/census areas only have one hospital, and some have no hospitals. Alaska Natives are provided healthcare at no cost at a central hospital in Anchorage.



Registry structure and methods
ACR is located in the city of Anchorage, and is part of the Alaska Department of Health and Social Services, Division of Public Health, Section of Chronic Disease Prevention. It is funded mostly by the US Centers for Disease Control and Prevention (CDC) through the National Program of Central Cancer Registries (NPCR), and partly by the state health department. ACR is staffed by a full-time manager, three full-time registrars, and a full-time data analyst. Several full-time administrative clerks provide part-time support for the program.

Cancer is a reportable disease by state law; a hospital, physician, surgeon, or other healthcare facility or provider diagnosing, screening, or providing treatment for a cancer patient is required to report to the registry. The annual caseload for ACR is approximately 2000 consolidated cases per year. ACR receives about 50% of its case reports (source records) electronically from hospitals in the standard NAACCR Record Layout. Electronic cases are also received from other state central cancer registries in the United States with which ACR has data exchange agreements (currently ACR has 30 of these agreements). The rest are manually abstracted in-house by the registrars. The manual case reports consist of hardcopy medical records sent to the registry by hospitals, private physicians, and pathology laboratories.

Manual case reports are also generated as a result of casefinding audits of hospitals and death clearance. Casefinding audits are conducted by reviewing the medical disease index from the hospital for a given time period for cancer cases and removing cases that have already been reported by the hospital. The remaining cases are researched by the registrars, and new cases are added to the registry. Death clearance is performed by comparing a list of all Alaska resident cancer deaths for a given time period against the registry database and removing death cases that have already been reported by other sources. The remaining cases are researched by the registrars, and new cases are added to the registry.

Quality control is performed on the data on a regular basis. All new cases need to pass at minimum the "NPCR Required", "NPCR Supplemental", and "Site/Type--Over-rides - Missue" Edit Sets of the current NAACCR Edits Metafile. In addition, during the annual NAACCR and CDC Calls for Data, the data submission file must pass specific Edits Sets specified by NAACCR and CDC at the time of data submission. Also during the Calls for Data, ACR runs specific database queries to check for data quality.

Interpreting the results
There are no unusual geographical, clinical, or coding factors that influence incidence rates. However, the Alaska Department of Labor publishes annual population estimates for Alaska that are different from those published by the federal government (CDC's National Center for Health Statistics). The incidence and mortality rates ACR generates are based on federal government's population data.

Use of the data
ACR prepares an annual report of cancer incidence and mortality. Data are submitted annually to NAACCR and CDC for use in multi-registry databases and data reports. In addition, registry data are regularly requested by members of the US Congress, the Alaska state legislature, researchers, physicians, researchers, and the general public.

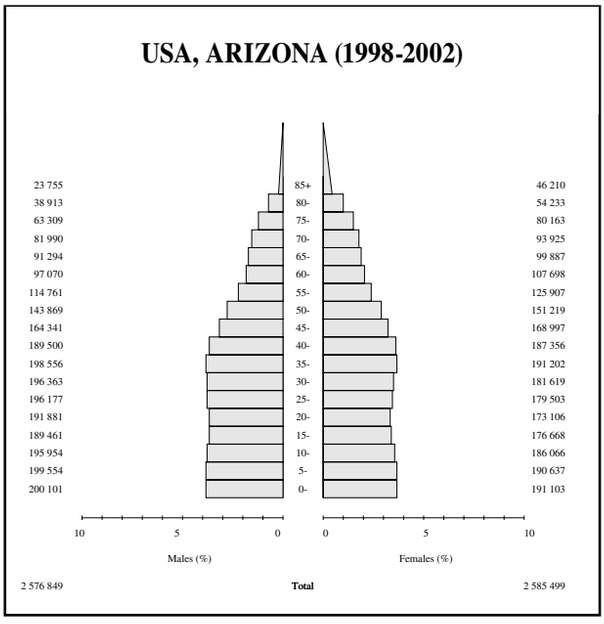
Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census.
http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Arizona

Registration area
The Arizona Cancer Registry covers the population of the State of Arizona in the United States of America. Arizona is located in the west in the Rocky Mountain region. The population at the most recent population census projection (2005) was 5.8 million. About 89% of the population lives in urban areas (>5000 population). Arizona has the second largest state concentration of Native Americans in the United States, comprising 5% of the population. The racial breakdown of the population in Arizona is: White Non-Hispanic 60%, Hispanic 29%, and all other races, Non-Hispanic 11%.

Cancer care facilities
General health care in the region is provided by private practitioners, clinics, and hospitals. Health insurance is used by 82% of the population to pay for health care. Most health insurance is private, non-governmental insurance (75%) of healthcare coverage. The amount the insurance plan pays varies greatly between health plans. The remainder of health insurance is provided by the government. There are both hospital and freestanding radiotherapy departments in Arizona.



Registry structure and methods
The registry is located in Phoenix, Arizona, the state capital. The registry receives its funding from state legislature appropriations to the Arizona Department of Health Services. Enhancement funds are provided through the National Program of Cancer Registries (NPCR) from a US Centers for Disease Control and Prevention cooperative Agreement. The registry is staffed with 13 FTE's and comprises three sections, Operations, Data, and Training.

The ACR is considered a population-based surveillance system that collects, manages, and analyses information on the incidence, survival, and mortality of persons having been diagnosed with cancer. Arizona Revised Statute §36-133 mandates the reporting of cancer cases in the state of Arizona. Reporting rules (Arizona Administrative Code Title 9, Chapter 4) require hospitals, clinics, and physicians to report cases to the ACR. The registry also collects information from pathology laboratories. All hospitals are required to perform follow-up on cases. All data reported from hospitals is electronic. The registry also performs a linkage with vital records on the death certificate file. The registry also performs case ascertainment reviews and reabstracting studies at hospitals. The registry has 17 data exchange agreements with other US states, including all bordering states.

The sections of the registry are as follows: The Operations section processes incoming case information from hospitals, clinics, and physicians. The quality assurance program is a comprehensive program that includes reviewing data to ensure completeness and accuracy, visual editing and immediate and batch editing. The staff also collects cases from facilities that do not report directly to the registry, including hospitals with fewer than 50 beds and pathology laboratories.

The Data section analyses the incidence, mortality and survival of people diagnosed with cancer in Arizona. It provides this data to cancer support organizations and government agencies as well as to researchers, members of the medical community and the public. The section also audits reporting hospitals, to identify areas for improvement when abstracting and reporting cases.

The training section plans and administers a statewide training program for registry staff, reporting facilities including hospital and clinic personnel, and physicians and their staff. In addition, the training section develops written materials such as brochures and newsletters. Finally, it is also responsible for keeping cancer registry and reporting facility staff updated of coding and regulatory changes.

Interpreting the results
The rate of cancer in Arizona is stable, with rates of increase and decline following United States trends. Arizona age-adjusted incidence rates of cancer are generally lower than the overall United States cancer rates. Completeness of data coverage is between 90 and 95%. Arizona has organised screening programs for breast, cervical, and colorectal cancer. Over half of all men over age 40 yrs are screened for prostate cancer using the PSA test.

Use of the data
The registry prepares an annual report of cancer incidence, highlighting trends and changes. The registry also is involved in research studies that have been approved by our Human Subjects Review Committee. Data are used for comprehensive cancer control planning; to respond to concerns in the community about cancer; to assist in the identification of geographic regions of the state that need intervention programs or epidemiologic research, detection, and prevention; to perform epidemiologic studies; and to provide biostatics and epidemiologic information to the medical community.

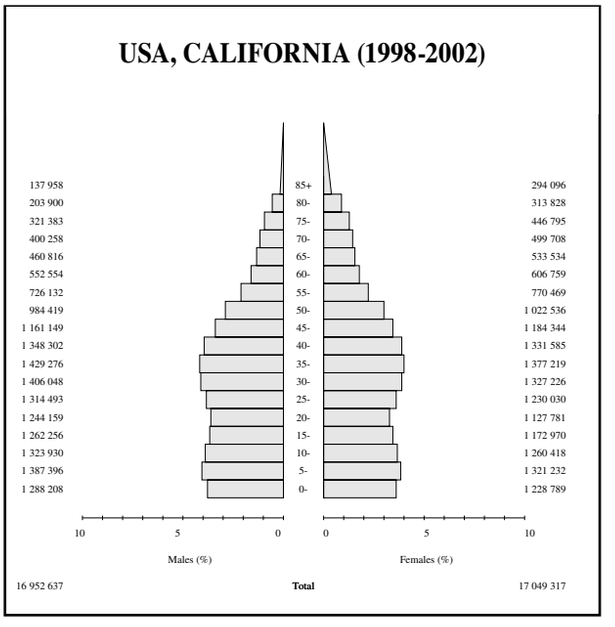
Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census.
http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, California

Registration area

The California Cancer Registry (CCR) is a collaborative effort between the California Department of Public Health Cancer Surveillance and Research Branch, the Public Health Institute, and ten Regional Cancer Registries. These Registries encompass all of California's approximately 156 000 square miles (404 000 km^2). All cancers, with the exception of basal and squamous cell skin cancers and in situ cervical cancers, diagnosed among California's 34 043 198 residents are considered reportable cancers. California is not only the most populous state in the United States, but also the most ethnically diverse, with substantial Hispanic, African-American, and Asian-American populations in addition to a large non-Hispanic White population. There are also a wide variety of religious affiliations, socioeconomic levels, and sociocultural characteristics within California.



Cancer care facilities

Health care in California is provided by a variety of health care facilities, including approximately 422 acute care hospitals, 42 radiation therapy centres, 308 free-standing surgery centres, and numerous healthcare clinics. This care is supplemented by more than 80 000 physicians, both general practice and those specialising in oncology.

Registry structure and methods

Legislation declaring cancer to be a reportable disease in California became effective in 1985. Statewide collection of cancer cases began in 1988 under the Statewide Cancer Reporting Law. Additionally, state law mandates that hospitals and physicians report all cancer diagnoses to their Regional Registry. While recent legislation has made all CCR data variables confidential, CCR has always considered personally identifying information to be confidential.

The Central Registry of the CCR is located in Sacramento, California; there are eight Regional offices throughout California, housing the ten Regional Registries. All of California participates in the Surveillance, Epidemiology, and End Results (SEER) Program, although there are three separate SEER Registries within California. The San Francisco Bay Area Registry became a SEER Registry in 1973, with four adjacent counties added in 1992. The registry in Los Angeles County became a SEER Registry in 1992. The remaining areas of California, known as the Cancer Registry of Greater California, became a SEER Registry in 2000. The CCR also participates in the National Program of Cancer Registries (NPCR) at the US Centers for Disease Control and Prevention (CDC) and annually submits statewide data for inclusion in the NPCR Cancer Surveillance System. The CCR database currently contains approximately 2.5 million records for cases diagnosed 1988 forward, and adds approximately 150 000 new cases to the database each year.

The Central Registry in Sacramento houses numerous research scientists, quality control staff, IT programmers, and fiscal and administrative support staff. Additionally, each Regional Registry maintains their own office of epidemiologists, research scientists, certified tumour registrars and support staff.

The CCR combines elements of an active and a passive surveillance system at both the Regional and Central Registry levels. Active follow-up includes letters to physicians and telephone calls to patients. Passive follow-up involves computer linkages to vital statistics, voter registration, credit records and medical resources. These various surveillance systems have allowed CCR to follow up over 95% of patients.

Over 90 percent of cancer reports are received electronically from hospitals, using hospital-based computer software supported by the CCR. Regional Registry staff also routinely review the records of outpatient radiation and surgery centres, as well as all non-hospital based pathology laboratories to identify unreported cases. Physicians complete cancer reports of patients diagnosed or treated in non-hospital facilities. All CCR data are edited for completeness and accuracy and then are checked by computer for allowable codes and compatibility between different data fields. Regular audits are conducted at selected hospitals to check for completeness and accuracy.

Interpreting the results

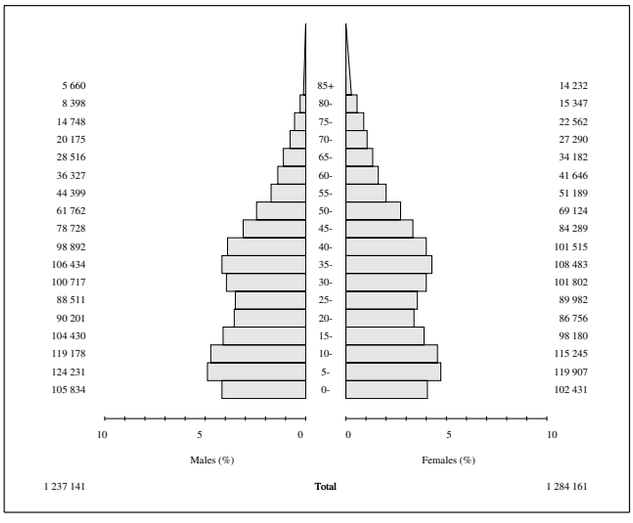
The CCR makes efforts to identify persons who resided in California at the time of diagnosis, but were diagnosed or treated in another state. California has case-sharing agreements not only with neighbouring states, but also with many states throughout the nation. While there have been no changes in the area covered by the CCR, the population in California has steadily increased since its 1988 inception. Efforts to improve screening rates among immigrant and low-income populations through community outreach programs have increased over the years. Cancer incidence in California is similar to that in other parts of the United States; however an aggressive anti-smoking campaign has resulted in the dramatic reduction in smoking-related cancers in recent years.

Use of the data

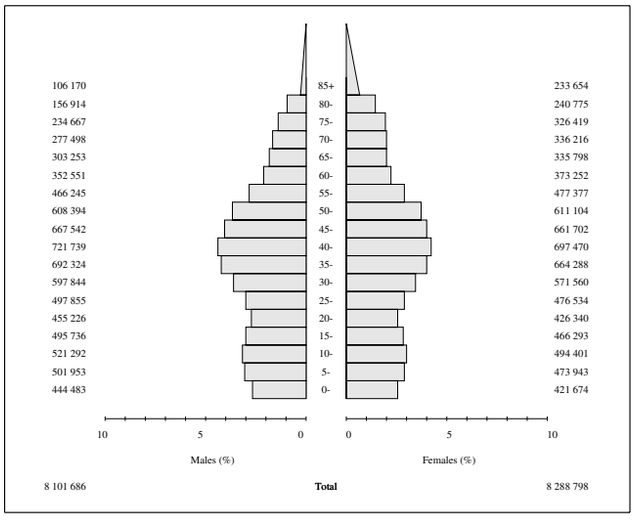
The CCR produces an annual report of cancer incidence and mortality in California for all of the major cancer sites. This report lists rates by year of diagnosis, sex, race/ethnicity, and age. Additionally, each Regional Registry produces an

annual report that lists rates by county. CCR data is used by researchers throughout the United States to investigate causes of cancer, survival, quality of care, tumour characteristics and treatment. Since 1988, researchers in California have used CCR data in 450 funded studies and have published nearly 1700 articles using CCR data. CCR data also are used by policymakers and currently are being utilised by California's cancer control planning organisation to measure the burden of cancer in California and evaluate interventions to reduce incidence and mortality.

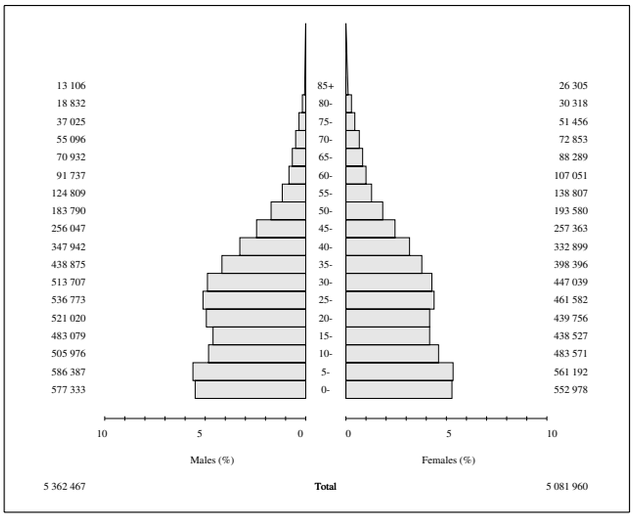
USA, CALIFORNIA: BLACK (1998-2002)



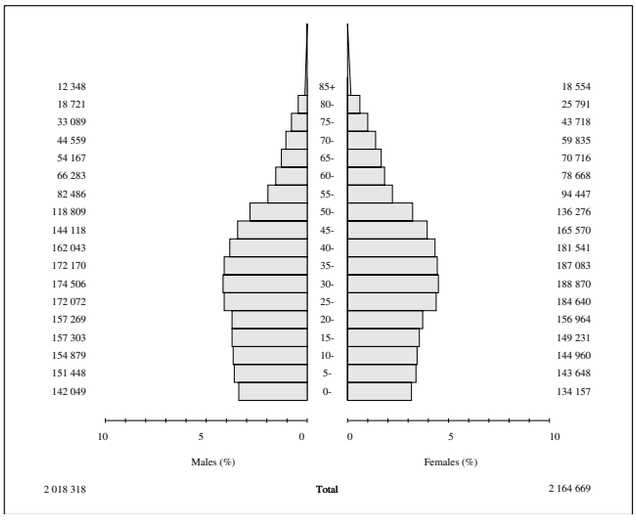
USA, CALIFORNIA: NON-HISPANIC WHITE (1998-2002)



USA, CALIFORNIA: HISPANIC WHITE (1998-2002)



USA, CALIFORNIA: ASIAN AND PACIFIC ISLANDER (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census.
http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, California, Greater San Francisco Bay Area

Registration area
The registration area includes nine counties (Alameda, Contra Costa, Marin, Monterey, San Benito, San Francisco, Santa Clara, San Mateo, Santa Cruz) in northern California, USA. The US Census counted 6 516 923 persons living in the region in the year 2000. Compared to other parts of the USA, this area is noteworthy for its racial/ethnic diversity, with substantial Hispanic, Chinese, Filipino, and other Asian populations. The majority of the population lives in the urban San Francisco Bay Area, which includes a major financial centre as well as the "Silicon Valley" centre for technology innovation and industry. Overall levels of education and income are higher than USA averages and accordingly, cost of living tends to be higher in the Greater San Francisco Bay Area than in other parts of the USA.

Cancer care facilities
Healthcare services in this region, including cancer screening, diagnosis and treatment, are provided mostly by private hospitals and physicians, but also by publicly funded hospitals, clinics and public health agencies. At least 61 hospitals and over 21 000 physicians treat cancer patients in the region and two major academic cancer centres are located in the region. In addition, there are a number of free-standing radiation centres, surgery centres, and pathology laboratories involved in cancer diagnosis and treatment. A significant proportion of residents receive managed health care services through health maintenance organizations.

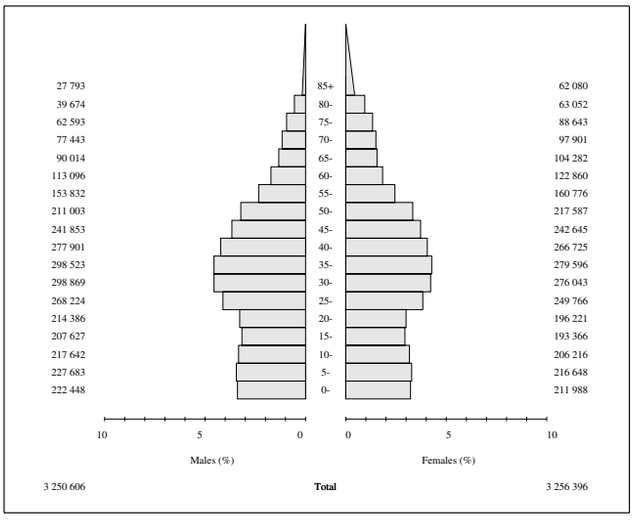
Registry structure and methods
The Greater Bay Area Cancer Registry, with a staff of about 50, is operated by the Northern California Cancer Center (NCCC), founded in 1974 as an independent consortium centre for cancer research in Northern California. The registry has been part of the Surveillance, Epidemiology and End Results (SEER) Program of the National Cancer Institute since 1973 and has contributed data to the statewide California Cancer Registry since 1988. Cancer registry efforts at NCCC also include a population-based registry covering four counties south of the Bay Area (Santa Clara, Santa Cruz, San Benito, Monterey) that have been included in the SEER program since 1992 and the California Cancer Registry since 1988. Data from these two registries have been combined to create the Greater San Francisco Bay Area region shown in this volume. In total, this registry contains well over 700 000 incident cases and processes about 30 000 incident cases annually. The registry collects data not only on incident cancer diagnoses but on diagnostic procedures, tumour characteristics (including stage, grade and tumour markers), treatment and survival time. Each patient is given a unique identifying number and multiple primaries designated by sequence number. All patients reported to the registry are followed both actively and passively for vital status to monitor survival time. Active follow-up consists of letters to physicians. Passive follow-up involves computer linkages to vital statistics, voter registration, credit records and medical resources. Through these methods, the registry maintains current follow-up information for over 95% of cancer patients.

Cancer has been a reportable disease by California state mandate since 1987. This law requires that hospitals report to regional registries such as NCCC all cancer diagnoses occurring in their facilities and that physicians report cancers not diagnosed in a hospital. Well over 90% of cancer registry reports are received electronically from hospitals. The registry supports a hospital-based computerised reporting system allowing each hospital to collect, maintain, and easily transmit registry-reportable information and facilitating editing by cancer registry staff. Quality assurance procedures implement SEER and NAACCR standards for visual and computerized editing, reabstractions and audits.

Interpreting the results
The registry identifies cases residing in the Bay Area but who are diagnosed or treated elsewhere through well-established data sharing programs with neighbouring cancer registries. The registry is also linked semi-annually to California vital statistics records in order to identify persons for whom cancer is mentioned on the death certificate but not already reported to the registry. It is estimated that over 98% of cancer diagnoses in region residents are captured by the registry.

Use of the data
Registry data are used primarily for investigating trends in cancer incidence, survival, tumour characteristics and treatment, thus providing a critical resource for monitoring the burden of cancer in the region. Data are routinely combined with California Cancer Registry and SEER program data for larger surveillance efforts. A number of investigators apply each year to access cancer registry information needed to carry out analytic epidemiologic studies of many different cancer types and outcomes. The large and diverse population has made this registry a valuable resource for epidemiologic research into the genetic and environmental causes of cancer, as well as for cancer control interventions and healthcare planning efforts.

**USA, CALIFORNIA,
GREATER SAN FRANCISCO BAY AREA (1998-2002)**

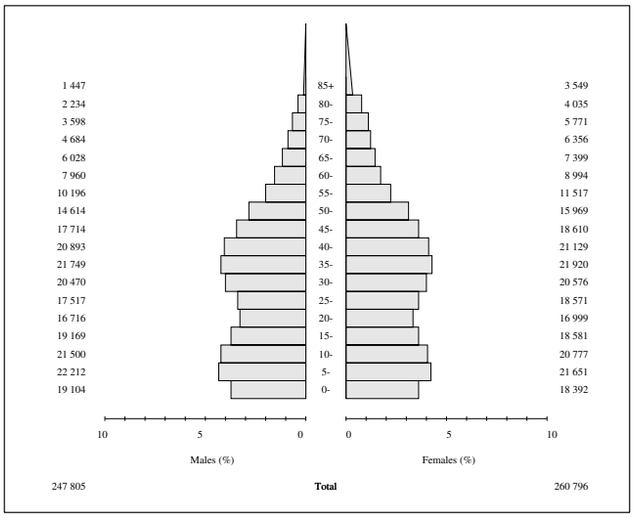


Source of population
July 1 county population estimates by age and sex; postcensal estimates based on 2000 United States Census.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Notes on the data
This is not the same as the sum of the other groups presented.

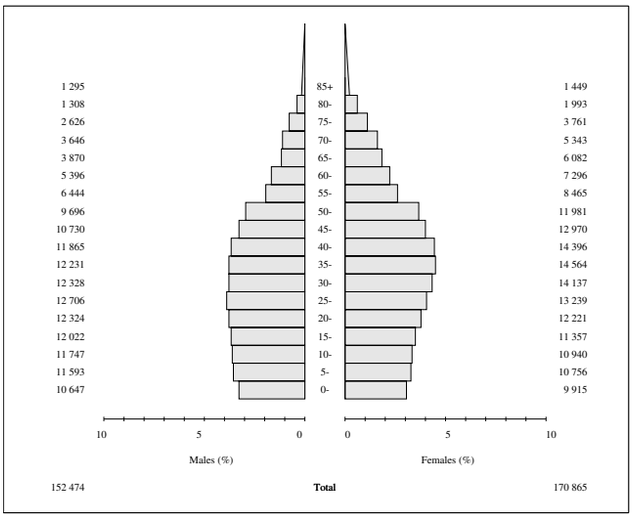
USA, CALIFORNIA, GREATER SAN FRANCISCO BAY AREA: BLACK (1998-2002)



Source of population
July 1 county population estimates by age, sex and race; postcensal estimates based on 2000 United States Census.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

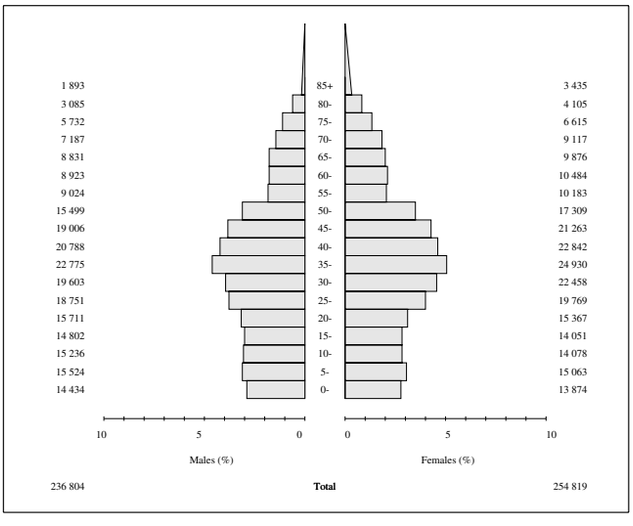
USA, CALIFORNIA, GREATER SAN FRANCISCO BAY AREA: FILIPINO (1998-2002)



Source of population
July 1 county population estimates by age, sex and race; postcensal estimates based on 2000 United States Census.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

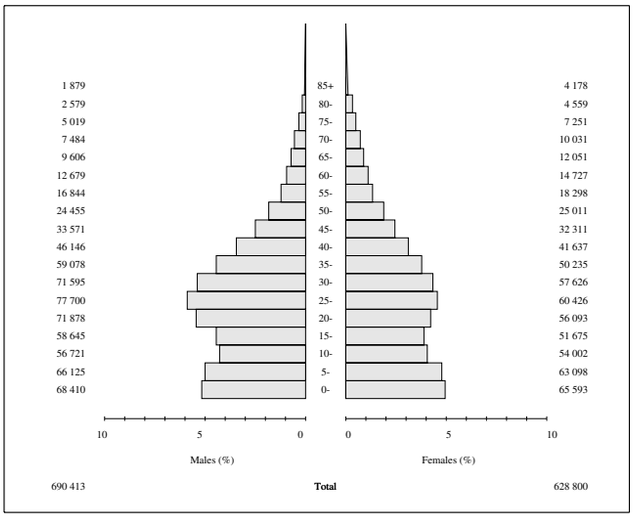
USA, CALIFORNIA, GREATER SAN FRANCISCO BAY AREA: CHINESE (1998-2002)



Source of population
July 1 county population estimates by age, sex and race; postcensal estimates based on 2000 United States Census.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

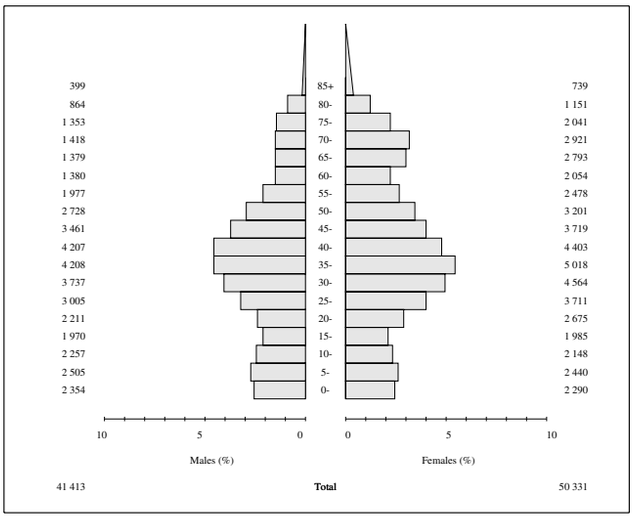
USA, CALIFORNIA, GREATER SAN FRANCISCO BAY AREA: HISPANIC WHITE (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

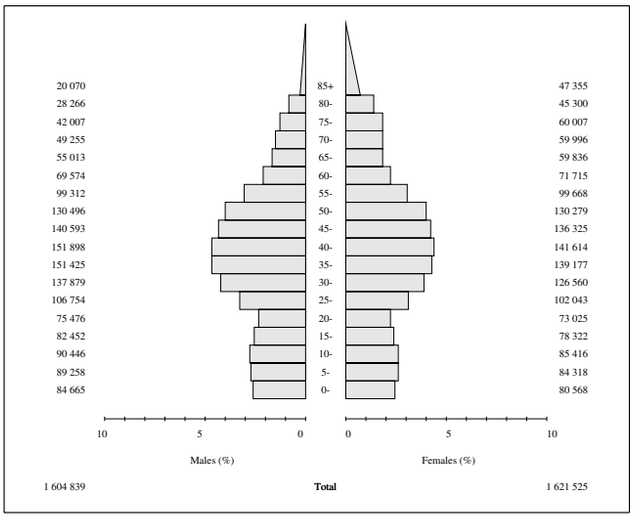
USA, CALIFORNIA, GREATER SAN FRANCISCO BAY AREA: JAPANESE (1998-2002)



Source of population
July 1 county population estimates by age, sex and race; postcensal estimates based on 2000 United States Census.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, CALIFORNIA, GREATER SAN FRANCISCO BAY AREA: NON-HISPANIC WHITE (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, California, Los Angeles County

Registration area
Los Angeles County is an urban area covering more than 10 000 km^2 and has the largest population of any county in the United States, with nearly 9.5 million residents in the 2000 census. Among these residents are more than four million self-declared Latinos including more than three million Mexicans, 38 000 Puerto Ricans, 38 000 Cubans and sizeable populations representing various Central and South American countries. There are nearly one million blacks in the county and between 100 000 and 400 000 each of Japanese, Chinese, Koreans and Filipinos. Other major south-east Asian groups include Vietnamese, Asian Indians, Cambodians and Thais. There is wide variation in socio-economic as well as socio-cultural characteristics in the county.

Registry structure and methods
The Cancer Surveillance Program (CSP) of Los Angeles County was started at the University of Southern California in 1970 as part of an epidemiology and biostatistics program. In June 1987, the CSP became one of the ten regional registries of the population-based California Cancer Registry. This registry, established by California law in 1985, places the obligation for identifying and abstracting cancer cases on those facilities where cancer is diagnosed or treated.

The CSP combines elements of an active and a passive surveillance system. Under the active surveillance component, CSP personnel systematically screen pathology reports and other relevant files at all hospitals and free-standing pathology laboratories, as well as some treatment facilities, to obtain pathology reports for each cancer patient diagnosed or treated. For passive surveillance, each hospital or other reporting facility completes a full abstract, including stage and treatment information on every cancer patient diagnosed and/or treated at that facility. For each cancer patient, over 200 data items including disease or medical variables, demographics and administrative descriptors are coded and computerised.

The responsibility for completing reporting at some hospitals is contracted back to the CSP; currently about 9% of all hospital reports in Los Angeles County are so reported. All of the completed abstracts are record-linked by the CSP to the pathology reports obtained under active surveillance to assure that an abstract is completed on every histologically verified cancer case.

Before 1992, linkage with the State of California death tapes was the only means of passive follow-up. However, beginning with 1992 diagnoses, the CSP instituted complete follow-up as a function of its new affiliation with the National Cancer Institute's Surveillance, Epidemiology and End Results (SEER) Program. Follow-up data are collected by record linkages with multiple sources as well as incorporating active follow-up information provided by hospitals.

Manual and computerised record linkages are performed separately with a variety of external data sources, using a sophisticated probabilistic methodology. Multiple primaries are noted by a tumour sequence number. Each data item is checked as an allowable code, and selected interfield checks are performed.

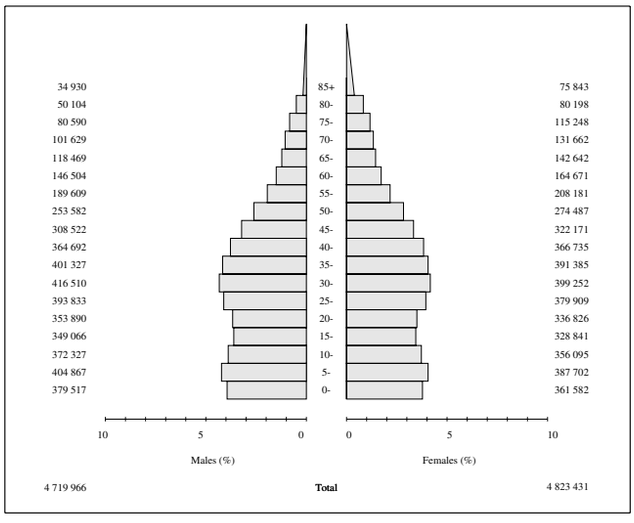
Interpreting the results
Los Angeles County has more than 100 hospitals and clinics, many of them providing screening programs. The availability of cancer screening programs can, in some instances such as PSA for prostate cancer, result in increasing incidence rates.

Cancer mortality rates may not be directly related to cancer incidence rates due to several factors including migration. Differences in classifying cancers by primary site between incidence and mortality data sources may also differentially affect incidence and mortality rates. Furthermore, a cancer may be reported as a cause of death when in fact it is a site of metastasis from other cancer(s).

Race/ethnicity information for cancer incidence is based primarily on information contained in the patient's medical record. Race/ethnicity for cancer deaths, on the other hand, is based on information on the death certificate, which may not always be based on information provided by next-of-kin. The reporting of race/ethnicity in either system may be influenced by the racial/ethnic distribution of the local population, by local interpretation of data collection guidelines, and other factors. Some differences in race/ethnicity-specific rates likely reflect biases of classification rather than true differences in risk.

Use of the data
The CSP is one of the most productive cancer registries in the world, in terms of scientific contributions toward understanding the demographic patterns and the etiology of specific cancers. More than 850 publications using CSP data have been contributed to scientific journals. The registry supports a large ongoing body of research funded mainly by the National Cancer Institute. The CSP also prepares an annual report of cancer incidence and mortality in Los Angeles County and other monographs monitoring the trends and patterns of cancer among the County's populations. As a service to the community, the CSP provides community-wide or hospital-specific data on cancer occurrence. The CSP responds to requests from concerned residents, community physicians, or from the County and State health departments seeking assistance in investigating perceived cancer risks from environmental exposures.

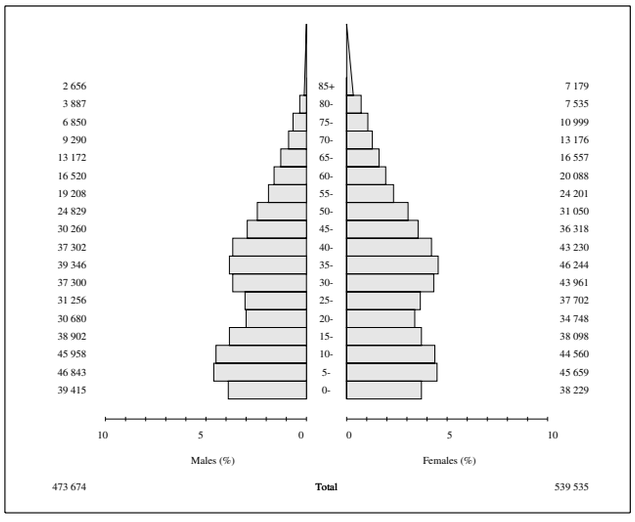
USA, CALIFORNIA, LOS ANGELES COUNTY (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census.

Multiple primary rules used
IACR rules (2004) on CI5 IX.

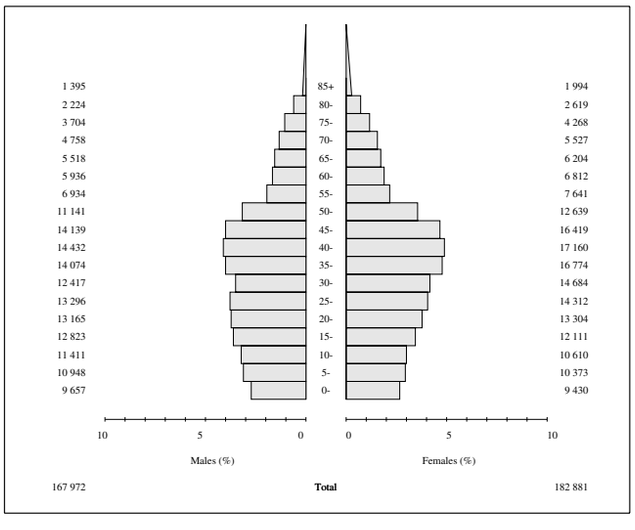
USA, CALIFORNIA, LOS ANGELES COUNTY: BLACK (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

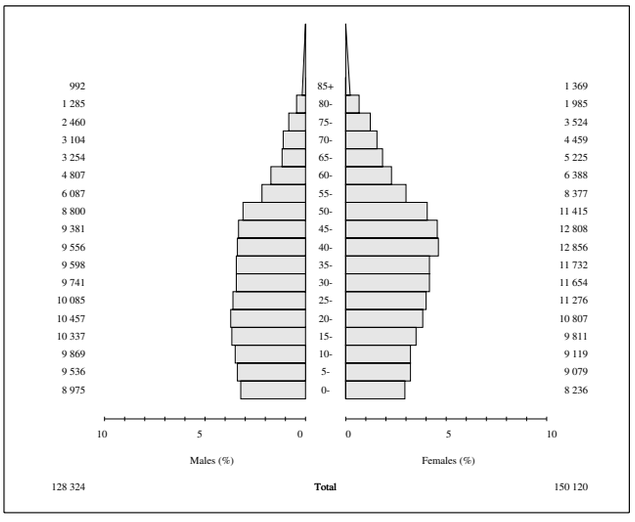
USA, CALIFORNIA, LOS ANGELES COUNTY: CHINESE (1998-2002)



Source of population
Census 2000. Because the US 2000 Census allowed multiple selection of race categories, there are two ways of counting the population for a given race group: one is the minimum count, which consists of individuals who reported that particular race as their only race, the other is the maximum count that includes individuals who reported that race alone as their only race, as well as individuals who reported that race in combination with other race(s). The population counts included in this file are the simple averages of the minimum and maximum counts for each of the age–sex–race–specific groups.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

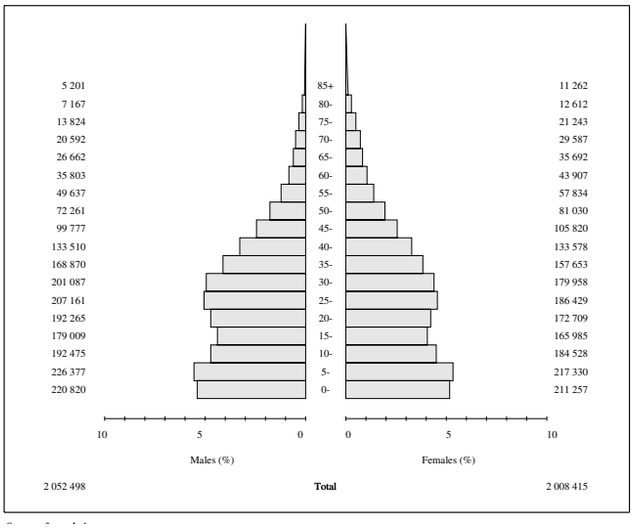
USA, CALIFORNIA, LOS ANGELES COUNTY: FILIPINO (1998-2002)



Source of population
Census 2000. Because the US 2000 Census allowed multiple selection of race categories, there are two ways of counting the population for a given race group: one is the minimum count, which consists of individuals who reported that particular race as their only race, the other is the maximum count that includes individuals who reported that race alone as their only race, as well as individuals who reported that race in combination with other race(s). The population counts included in this file are the simple averages of the minimum and maximum counts for each of the age–sex–race–specific groups.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

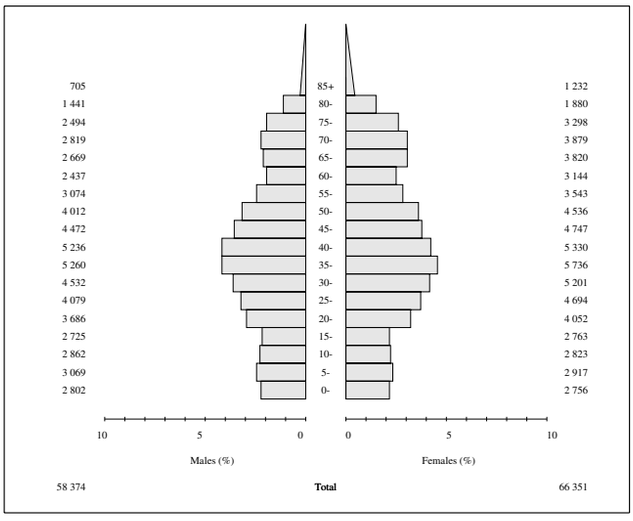
USA, CALIFORNIA, LOS ANGELES COUNTY: HISPANIC WHITE (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census.

Multiple primary rules used
IACR rules (2004) on CI5 IX.

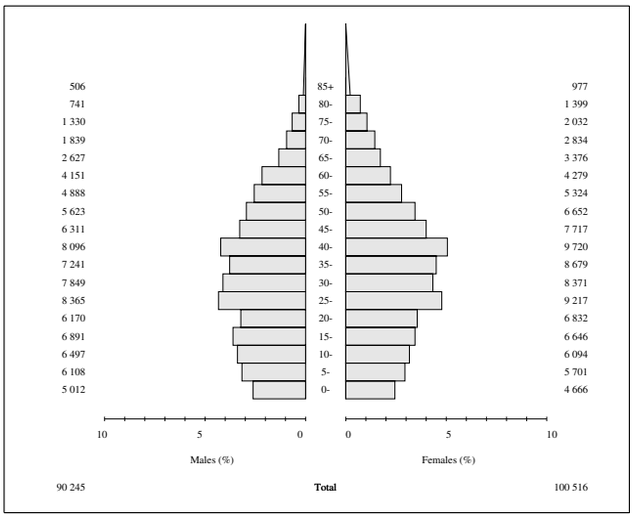
USA, CALIFORNIA, LOS ANGELES COUNTY: JAPANESE (1998-2002)



Source of population
Census 2000. Because the US 2000 Census allowed multiple selection of race categories, there are two ways of counting the population for a given race group: one is the minimum count, which consists of individuals who reported that particular race as their only race, the other is the maximum count that includes individuals who reported that race alone as their only race, as well as individuals who reported that race in combination with other race(s). The population counts included in this file are the simple averages of the minimum and maximum counts for each of the age–sex–race–specific groups.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

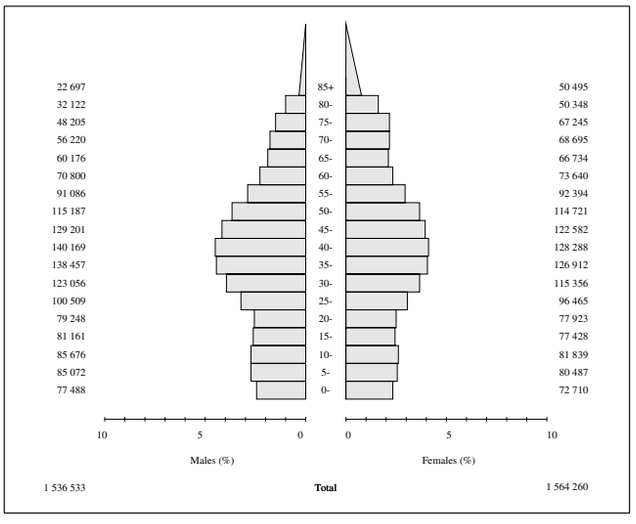
USA, CALIFORNIA, LOS ANGELES COUNTY: KOREAN (1998-2002)



Source of population
Census 2000. Because the US 2000 Census allowed multiple selection of race categories, there are two ways of counting the population for a given race group: one is the minimum count which consists of individuals who reported that particular race as their only race, the other is the maximum count that includes individuals who reported that race alone as their only race, as well as individuals who reported that race in combination with other race(s). The population counts included in this file are the simple averages of the minimum and maximum counts for each of the age–sex–race–specific groups.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, CALIFORNIA, LOS ANGELES COUNTY: NON-HISPANIC WHITE (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

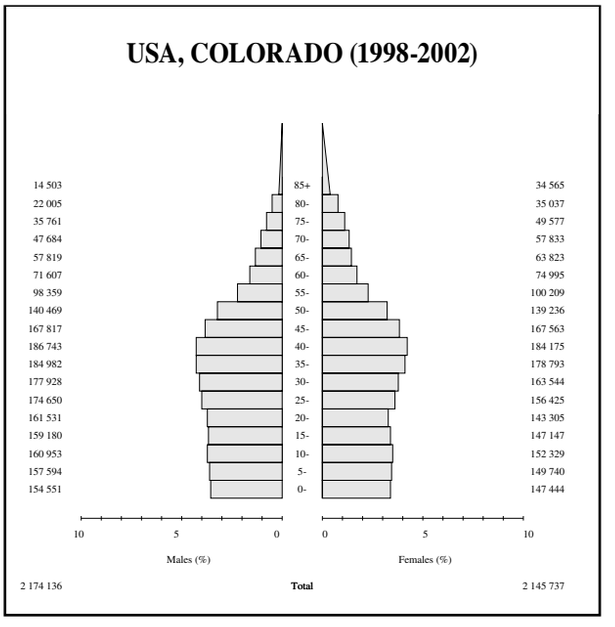
USA, Colorado

Registration area
The Colorado Central Cancer Registry (CCCR) covers the population of the entire state of Colorado (United States). The state is composed of 64 counties with a total population of approximately 4.3 million.

Cancer care facilities
Colorado has 75 inpatient facilities around the state that provide most cancer care; most are privately operated, 2 are public institutions, and 3 are military facilities. Colorado also has many free-standing surgery and radiation therapy facilities, as well as a large network of cancer care specialty clinics that provide radiation and chemotherapy services. Private oncology practitioners also provide care in their offices.

Registry structure and methods
The registry is located in Denver, the capital of Colorado. The registry is funded mostly by federal funds through the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR) and receives some support from state funding. The registry is staffed by 11.5 FTEs: a Director, 2 statisticians, 1 administrative assistant, 1 data quality and training coordinator, and 6.5 registrars.

Hospitals in Colorado with 50 beds or more must actively report their cancer cases to the Colorado Central Cancer Registry. Staff from the Central Registry travel to smaller facilities once per year to collect data. The CCCR also receives data reports from numerous pathology labs and some of the free-standing radiation and surgery centres. Annually, the CCCR links its database with the official death file for Colorado to obtain follow-up information, and to identify potential missed cases.



Interpreting the results
Colorado has no special characteristics that influence incidence rates.

Use of the data
The CCCR produces an annual report of incidence and mortality. In alternate years, the report includes survival statistics and county-level data. The data are published on the internet and can be queried interactively. The CCCR data are also used for many special studies, including epidemiologic studies, clinical studies, environmental risk analyses, cancer control program evaluation, cancer care facility market analyses, and citizen inquiries.

Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census. http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Connecticut

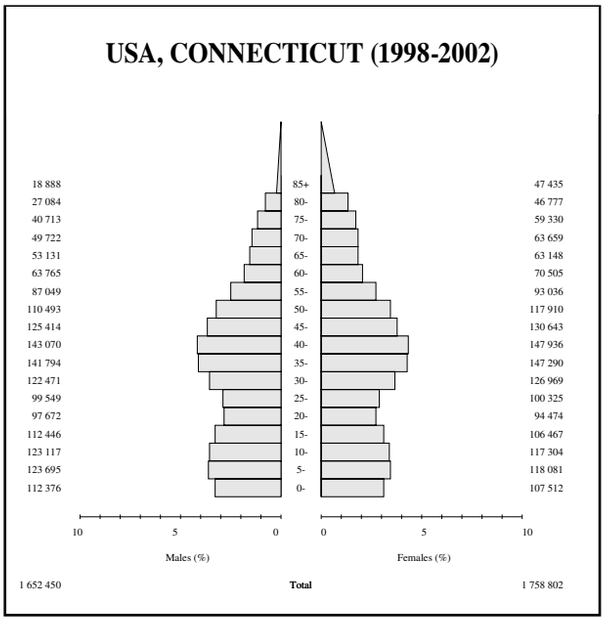
Registration area

The Connecticut Tumor Registry (CTR) covers the entire State of Connecticut, which is bounded by Massachusetts to the north, Rhode Island to the east, Long Island to the south and New York to the west. It lies between latitudes 41° and 42° N and longitudes 71° and 73° W. The total registration area is 12 973 km². At the 2000 census, the population of Connecticut was 3.4 million, composed of 82% white, and 9.1% black. Approximately 9.4% of the Connecticut population is Hispanic, the majority of Puerto Rican origin.

Cancer care facilities

Health care related to cancer is provided predominantly by hospitals in Connecticut, but reciprocal reporting agreements with surrounding states also identify some cases. Most patients suspected to have cancer who are first seen in facilities outside of a hospital are likely to be referred to a hospital for testing and/or treatment.

There are 32 acute care hospitals in the state of Connecticut. All hospitals have diagnostic radiology services; in addition there are many free-standing radiology facilities located throughout the state, operated by hospitals or by private companies. Approximately one third of Connecticut's hospitals have therapeutic radiology facilities. In addition, there are a number of free-standing radiation therapy centres, three of which are privately operated; the remainder are associated with a "parent" hospital.



Registry structure and methods

The CTR is located in the Connecticut Department of Public Health in Hartford, Connecticut. The CTR is funded by the State of Connecticut and the federal government. Since 1973, the registry has participated in the Surveillance, Epidemiology and End Results (SEER) Program sponsored by the National Cancer Institute (NCI). The registry is staffed by over 20 full-time employees including an epidemiologist, research analyst, supervisor, coders, quality control staff and office support personnel.

The CTR is primarily a hospital-based reporting system. All hospitals in Connecticut are required by public health legislation to report incident cases, along with follow-up and treatment information, to the registry. Reports containing pre-coded data are prepared by hospital-based tumour registrars and submitted, either on paper, diskette or electronically, to the registry. In 1981, this reporting mandate was extended to include private pathology laboratories. The CTR also has reciprocal cancer-reporting agreements with all the adjacent states and several other states. This allows for the identification of Connecticut residents whose cancers are diagnosed or treated in other states.

In an effort to increase the accuracy, timeliness and completeness of reporting to the CTR, the registry has implemented a quality control plan. This calls for biannual audits and annual re-abstracting audits of hospitals, regular detailed analysis of reporting errors received by the CTR, regular quality and quantity reports of CTR staff productivity, and training workshops for in-house and hospital registrars.

All death certificates that mention cancer are reviewed and checked against the CTR for prior registration. Follow-back is initiated on all death certificates that do not match to a patient in the registry database.

From its inception in 1941, the CTR has maintained lifetime follow-up on all tumours. Follow-up information is primarily obtained from the hospitals. Follow-up information is also obtained from periodic linkages with the Connecticut mortality files, State of Connecticut motor vehicle license files, the Medicare files of the Centers for Medicare and Medicaid Services, and the Social Security Administration. Although not legislatively mandated to report cancer cases to the CTR, physicians have also been contacted as part of follow-up activities.

To ascertain completeness, we monitor hospitals submissions on a monthly basis; we also send field staff to the pathology departments of all hospitals to perform case-finding audits. All case submissions received from each hospital and private laboratory are visually edited by the CTR's coding and abstracting staff.

Interpreting the results

Lack of reporting of cancer diagnoses from physicians may result in under-ascertainment, mainly for certain cancers treated and diagnosed solely in physicians' or dermatopathologists' offices. The possibility of use of out-of-state pathology laboratories also requires periodic examination.

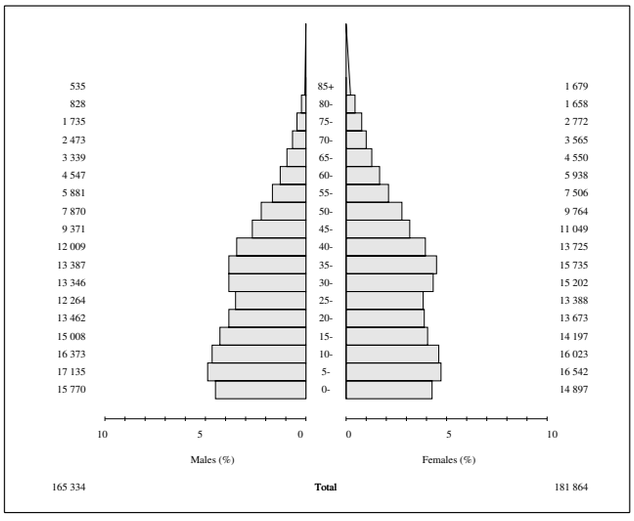
Use of the data

CTR's database contains statistical information on cancers diagnosed since 1935, the earliest year among registries in the USA.

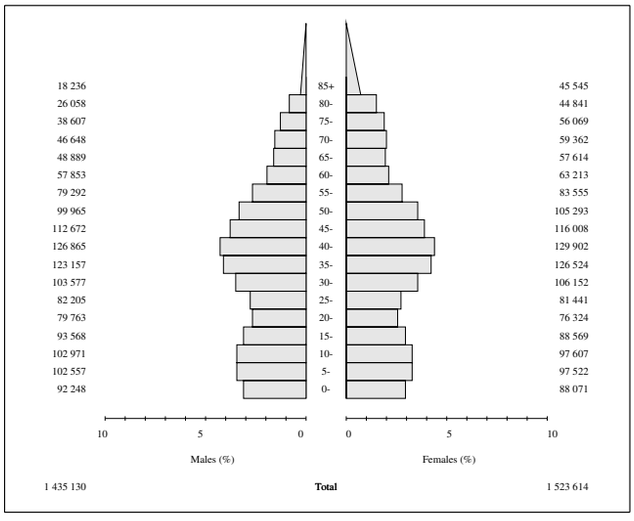
Data from the registry are included with those from other SEER registries in the NCI's annual publication entitled Cancer Statistics Review. This document is used by the NCI as part of the process of setting priorities for research on the prevention and treatment of cancer in the US population. The data the CTR collects are also used to identify priorities and target prevention and control activities in Connecticut, educate the public and health professionals about specific cancer risks, trends and treatments, monitor

cancer incidence and trends and aid research studies. Data from the CTR have been used in hundreds of scientific publications by researchers worldwide, including the Pratt and Whitney Brain Cancer Study. http://www.dph.state.ct.us/. Incidence rates in Connecticut are routinely reported in various monographs produced by the CTR.

USA, CONNECTICUT: BLACK (1998-2002)



USA, CONNECTICUT: WHITE (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, District of Columbia

Registration area
The District of Columbia Cancer Registry (DCCR) operates within the DC Department of Health (DOH) and serves a total population of 572 059 (2000 census) District residents. The District population consists of about 60% African-Americans, 31% Caucasians and the remainder from other racial/ethnic backgrounds. The gender distribution is 47% males and 53% females. In addition, the District's area hospitals provide cancer diagnosis and treatment to residents from the surrounding jurisdictions (Maryland and Virginia).

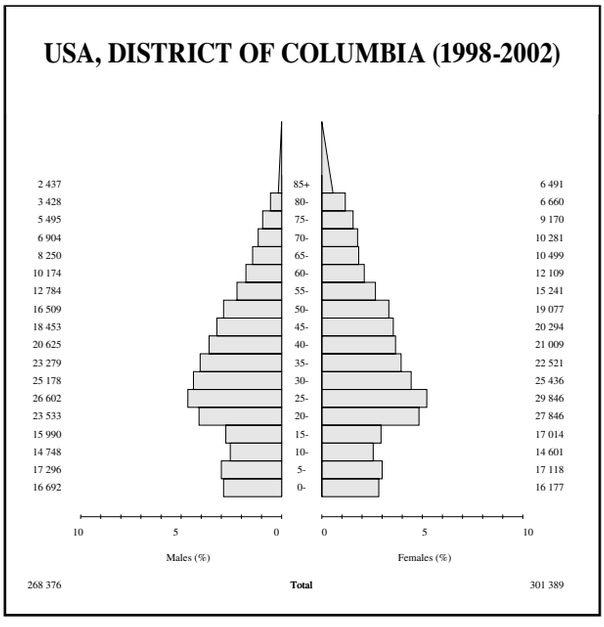
Cancer care facilities
The District of Columbia has 3 teaching hospitals, 1 specialty hospital for children, 2 federal hospitals, and 3 other hospitals. All of the hospitals provide diagnostic and treatment services for cancer patients. Almost all of the radiotherapy departments are located in a hospital facility. Almost all of the District's private practitioners are associated with at least one of the hospitals where cancer patients receive diagnostic and/or treatment services.

Registry structure and methods
The District of Columbia Cancer Registry (DCCR) is located within the DC Department of Health (DOH) and is funded partly by the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR), which pays the salaries of 3 staff members and a contractor. The DOH pays the salaries of 2 staff members, one of whom is the Program Director.

Data collection is passive notification of pre-coded data from the hospitals through electronic means (e.g. diskette, CD-ROM, etc.).

The principal sources of information on cancer cases are the hospitals. The District does not have any freestanding pathology laboratories. Death registration is performed by the State Center for Health Statistics where the DCCR obtains a death tape to match the registry database. Death certificates received at the registry are manually entered into the registry's database. For verification, registry staff performs a follow-up by contacting the physician signing the certificate or the institution listed on the certificate where the patient might have died.

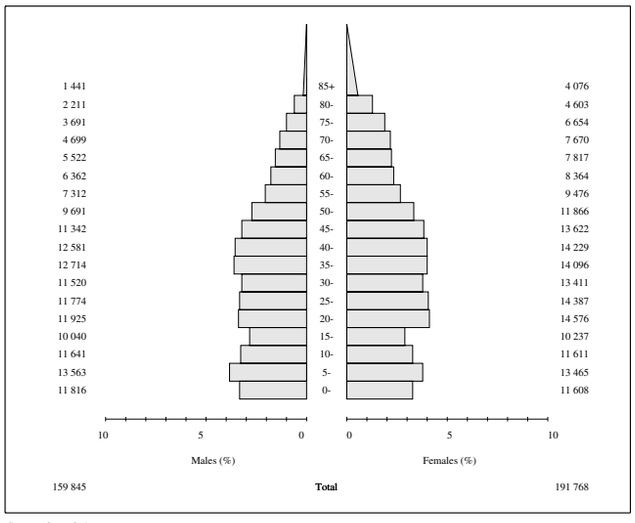
Interpreting the results
The number of cases for the District of Columbia has been on a steady decline since the 2000 diagnosis year. Almost all of the decline can be attributed to a decrease in the population. PSA testing is common.



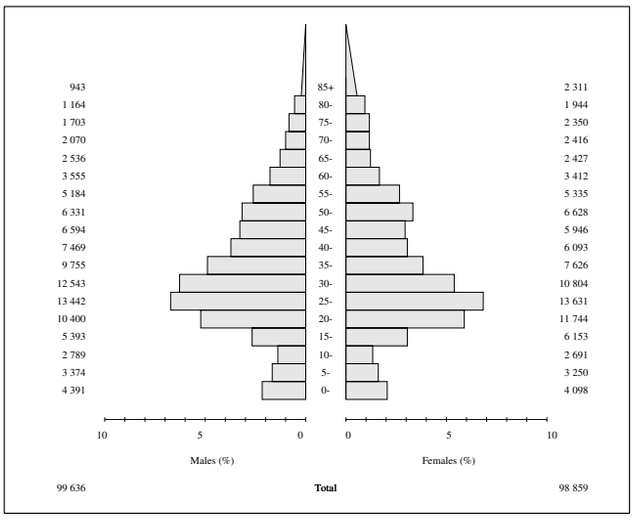
Use of the data
The DCCR prepares and publishes an annual report of cancer incidence and mortality. The DCCR collaborates with the George Washington University on a number of cancer research studies. Some recent titles include:
1. The Association of SES with Breast Cancer Incidence, Grade & Stage at Diagnosis Among Caucasian & African American Women in Washington, D.C.
2. The Role of Race and Poverty in Determining Breast Cancer Patterns in the District of Columbia.
3. Using Demographic Data to Improve Breast Cancer Screening and Education in Underserved DC Communities.

In addition, the DCCR also collaborates with other independent researchers by providing data, or performing data linkage of its data with other databases. The DCCR also performs statistical reviews for the Comprehensive Cancer and Breast Cancer Programs.

USA, DISTRICT OF COLUMBIA: BLACK (1998-2002)



USA, DISTRICT OF COLUMBIA: WHITE (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census. http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Florida

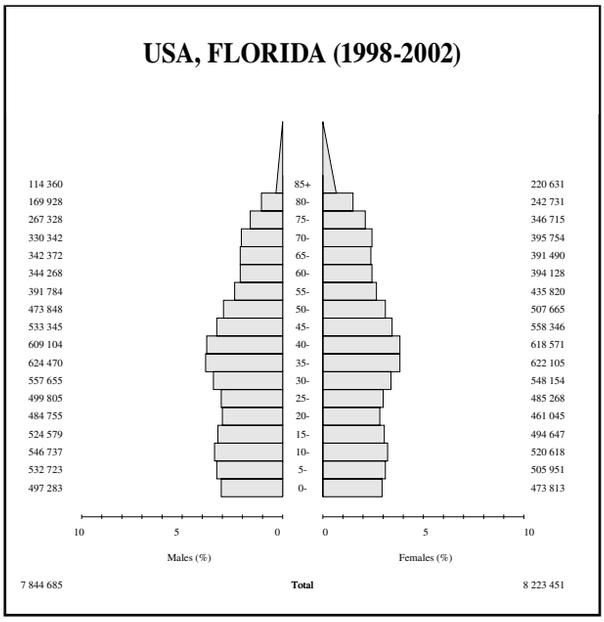
Registration area
The Florida Cancer Data System (FCDS) is a legislatively mandated, statewide population-based registry covering a population of approximately 16 million. The State is comprised of 67 counties. Approximately 95% of the population (~15 million) live in 38 counties designated as Urban by the 2003 Beale codes. The remaining 29 counties are classified as Rural.

Cancer care facilities
There are over 230 primary care facilities reporting data to FCDS. Additionally, data are collected from over 350 ambulatory care facilities, 800 pathology laboratories, the State of Florida Vital Statistics, the State of Florida discharge database and inter-state data exchange agreements.

Registry structure and methods
The FCDS is a joint project of the Florida Department of Health and the University of Miami Miller School of Medicine (UMMSM). The UMMSM has operated the FCDS since its inception in 1981 under contract with the DOH.

FCDS is part of the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR) and is nationally certified by the North American Association of Central Cancer Registries (NAACCR) at its highest level, gold certification. Gold certification is conferred on central registries that meet or exceed all standards for completeness, timeliness, and quality.

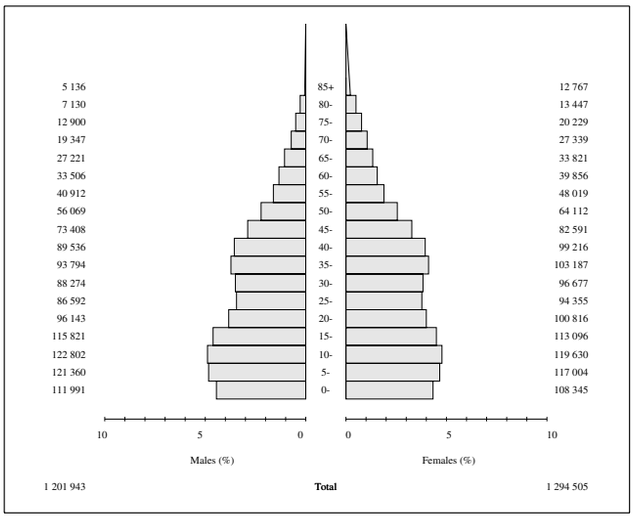
Data collected and coded by the FCDS are in accordance with national standards as put forth by the NAACCR. To code primary site (typography and morphology), the FCDS uses the International Classification of Diseases – Oncology, 3rd edition (ICD-O-3). During the study time period, the national staging criteria were revised. Tumours diagnosed between 1998 and 2000 were staged using the SEER General Summary Stage 1977. Tumours diagnosed between 2001 and 2002 were staged under the SEER General Summary Stage 2000 schema. Both schemas as presented in Table 2 categorise stage of disease as in-situ, local, regional or distant, but the site-specific conversion was not necessarily a one-to-one conversion within and between the regional and distant categories. However because regional and distant staged breast cancer were combined into 'late stage', the revised coding schema had no effect on this analysis, and the year-specific stages could be combined into a common stage variable.



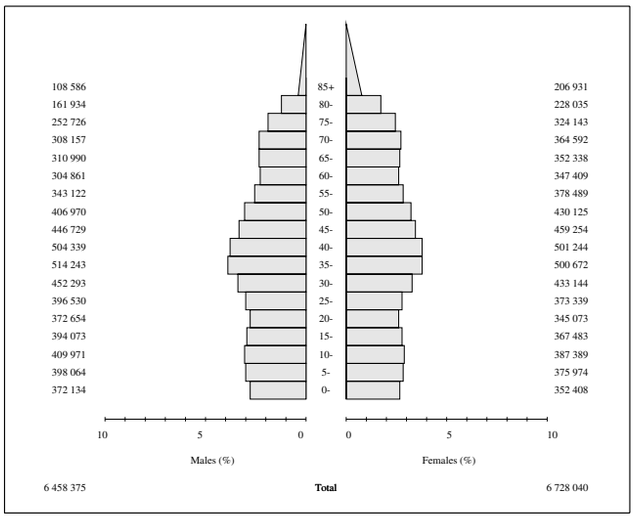
Interpreting the results
The FCDS collects in excess of 95% of cancer cases among Florida residents.

Use of the data
The FCDS prepares an annual report of cancer incidence, highlighting trends and changes, and maintains a web site for dissemination of tabular data. Additionally, data are provided for researchers.

USA, FLORIDA: BLACK (1998-2002)



USA, FLORIDA: WHITE (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census. http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

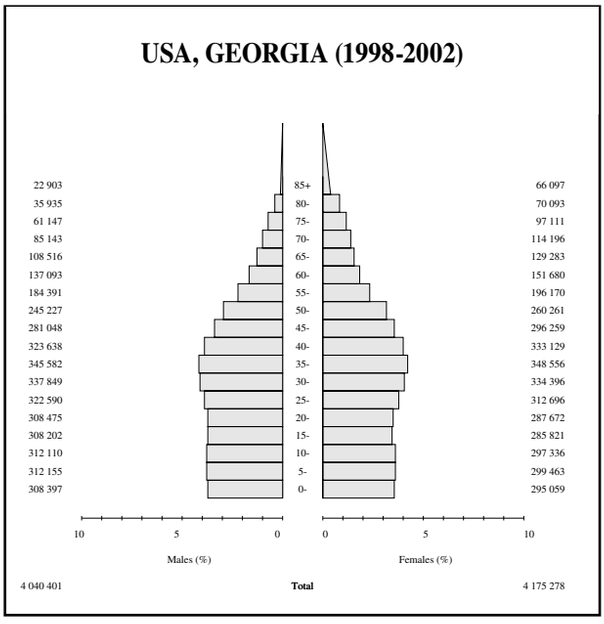
USA, Georgia

Registration area

The Georgia Comprehensive Cancer Registry is a population-based cancer registry covering the population of the entire state of Georgia. The population as of the most recent census projection (2000) is 8 186 453. Based on the 2000 census 65.1% of Georgia population is white, 28.7% black or African American, 2.1% Asian, 0.3% American Indian and Alaska Native, 0.1% Native Hawaiian and Other Pacific Islander, and 2.4% other race. Additionally 5.3% of the Georgia population is of Hispanic or Latino origin. The majority (80%) of Georgians live in urban areas, while 20% live in areas classified as rural.

Cancer care facilities

For each cancer case, facilities are required to report information such as sex, race and date of birth; cancer diagnostic information such as primary site, histology, grade, and date of diagnosis; diagnostic confirmation and stage information such as SEER summary stage 2000 and Extent of Disease (EOD); and treatment information related to first course of treatment such as surgery, radiation, chemotherapy, hormone and other treatment. Additionally information is collected on the patient's vital status.



Registry structure and methods

The Georgia Comprehensive Cancer Registry (GCCR) is located in the Georgia Department of Human Resources, Division of Public Health in Atlanta, Georgia. The registry is funded by the state of Georgia and the federal government. Since 1995, the GCCR has participated in the National Program for Cancer Registries (NPCR) that was established by the US Centers for Disease Control and Prevention (CDC).

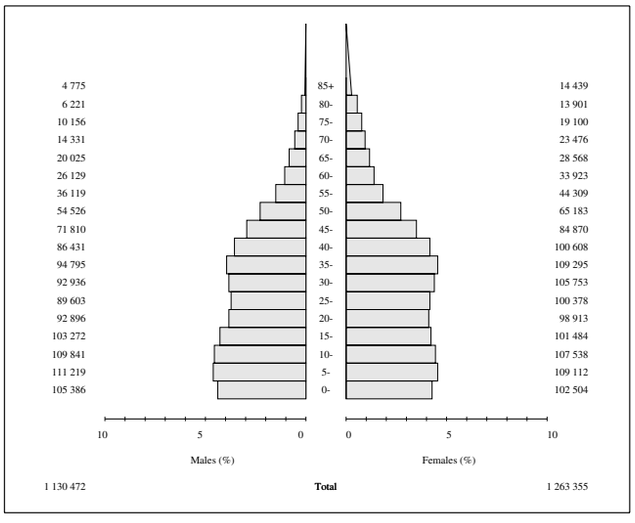
The GCCR registry covers the entire State of Georgia, which is bounded by Tennessee and North Carolina to the north, Alabama to the east, Florida to the south, and South Carolina to the west. Reports are prepared by cancer registrars located in hospitals with more than 100 licensed beds and submitted to the central registry. The GCCR's five regional coordinators are responsible for abstracting cancer reports for facilities with less than 100 licensed beds. Independent pathology laboratories submit their pathology reports electronically, and small pathology laboratories whether in-state or out-of-state may submit a photocopy of their pathology reports. Since 2001, the GCCR has conducted a yearly electronic match with the Georgia Hospital Discharge database to identify potential missed cases. Cases identified are researched by the GCCR regional cancer coordinators for reportability; identified missed cases are the responsibility of the facility to report. Additionally, the GCCR conducts death linkage with the State of Georgia death file, and follow-up of missed cases is done via hospitals, nursing homes, hospice and next-of-kin. Additionally the GCCR regional cancer coordinators conduct yearly casefinding audits on a sample of hospitals. During these audits cancer registrars check on missed cases in hospital departments of medical records, pathology, radiology, outpatient department, and other hospital sources.

Since 1995 all healthcare providers in the state of Georgia have been required to report specific information on all cancers in their patient population to the Georgia Comprehensive Cancer Registry. This includes all facilities providing diagnostic evaluations and/or treatment for cancer patients, including hospitals, outpatient surgical facilities, laboratories, radiation therapy and medical oncology facilities, and physician's offices. In addition, reporting agreements are maintained with neighbouring states so that Georgia residents who are diagnosed or treated in out-of-state facilities can be identified.

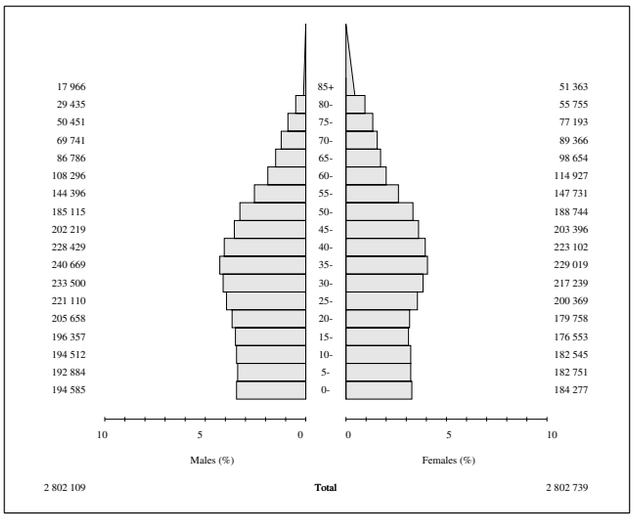
Use of the data

The registry prepares an annual report of cancer incidence and mortality, highlighting trends and changes. Special reports on breast, cervical, colorectal, lung, prostate, and childhood cancers are prepared on an annual basis. GCCR annual reports, cancer incidence and mortality analysis are available at http://health.state.ga.us/programs/gccr. Cancer data are analysed regularly to meet the needs of the state-wide Georgia Comprehensive Cancer Control Program. The GCCR provides qualified researchers with cancer data to assist in investigating their proposed studies, and responds to various data requests and cancer cluster for the public.

USA, GEORGIA: BLACK (1998-2002)



USA, GEORGIA: WHITE (1998-2002)



Source of population
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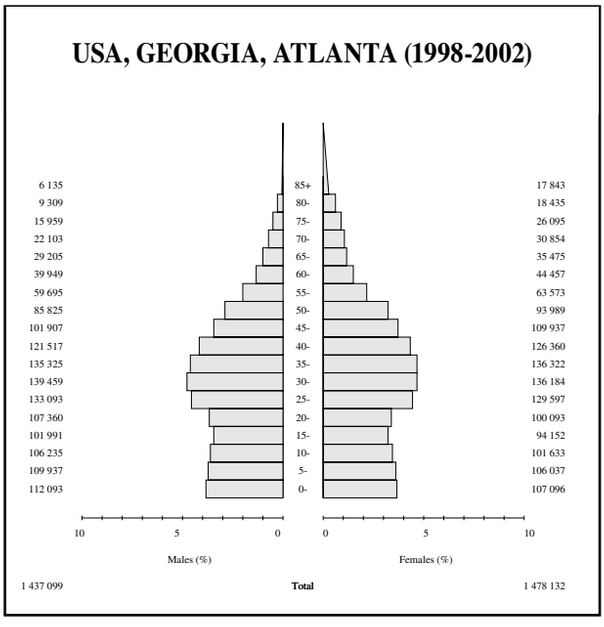
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Georgia, Atlanta

Registration area

The Metropolitan Atlanta Registry records cancer diagnosed in residents of five contiguous counties (Clayton, Cobb, DeKalb, Fulton and Gwinnett) surrounding the state capital of Atlanta, Georgia. Covering an area of 4500 km^2, the metropolitan Atlanta area is situated in the southeastern United States at latitude 33º N and longitude 84º W. The population in 2000 was estimated to be 2 914 587, of which 54% were white, 36% were black, 4% were Asian and 6% were other races. Approximately 6% of the population were Hispanic. The combined population of these 5 metropolitan Atlanta counties comprised 36% of the entire population of Georgia (159 counties). The area has one of the fastest-growing populations in the USA, with an increase of 737 546 (33.8%) between 1990 and 2000. Atlanta lies at an altitude of over 320m and enjoys a temperate climate with 4 distinct seasons. Air pollution is a growing problem, particularly during summer months.



Registry structure and methods

The Georgia Center for Cancer Statistics (GCCS), a division of the Department of Epidemiology in the Rollins School of Public Health at Emory University, was founded in 1976 to provide population-based incidence data for a 5-county region in the southeastern USA as part of the National Cancer Institute's Surveillance, Epidemiology and End Results (SEER) Program. Metropolitan Atlanta was a logical choice, since it had been included in the First, Second and Third National Cancer Surveys. Since its inception the population covered by the registry has increased dramatically, but the geographical boundaries have not changed.

The GCCS also operates the Rural Georgia SEER Registry and carries out the day-to-day operations of the Georgia Comprehensive Cancer Registry. It collaborates with the SEER Program of the National Cancer Institute, the Cancer Control Program of the State of Georgia and the National Program of Cancer Registries at the Centers for Disease Control and Prevention on these cancer registry projects. The registry is staffed by over 25 full-time employees including epidemiologists, data abstractors, quality control editors, data analysts and other support staff.

Cancer is a reportable disease in the state of Georgia. The Metropolitan Atlanta Registry combines both active and passive case-finding and reporting systems. Most of the hospitals and free-standing pathology laboratories in the area identify and electronically transmit their cases to the registry on a monthly basis. Registry field staff actively identify and collect cases from radiation therapy facilities, large physician practices and other selected facilities without the ability to report data electronically.

Patient follow-up is primarily conducted through hospital cancer registries, treating physicians and record linkage against a variety of available data sources. Death certificates are obtained electronically on a monthly basis and are used to supplement case-finding and update patient follow-up. Data are processed at the registry using software developed by in-house staff. Extensive automated and visual editing is performed on the data to enhance and ensure quality. Both case-finding and re-abstraction audits are periodically performed at facilities reporting data.

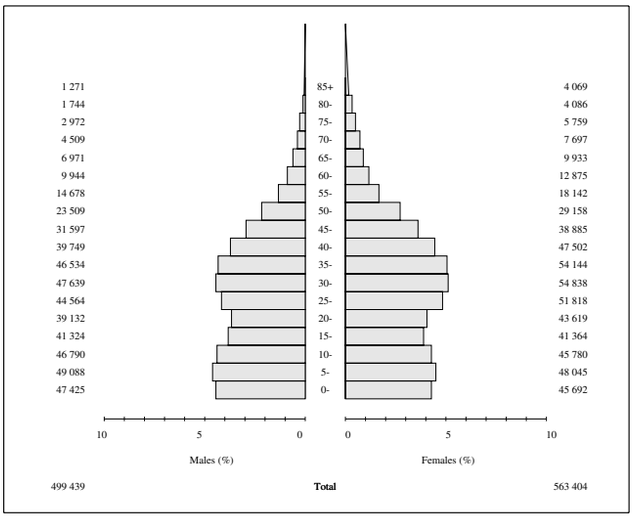
Interpreting the results

The Metropolitan Atlanta Registry actively shares data with the Georgia Comprehensive Cancer Registry to help ensure complete case ascertainment and treatment information on residents of the 5-county catchment area diagnosed and/or treated elsewhere in Georgia. Case sharing agreements with Georgia's bordering states also exist. For selected cancers that may be solely diagnosed and treated in the physician's office setting, incidence records may be missing from the registry due to a general lack of reporting by physicians throughout the state.

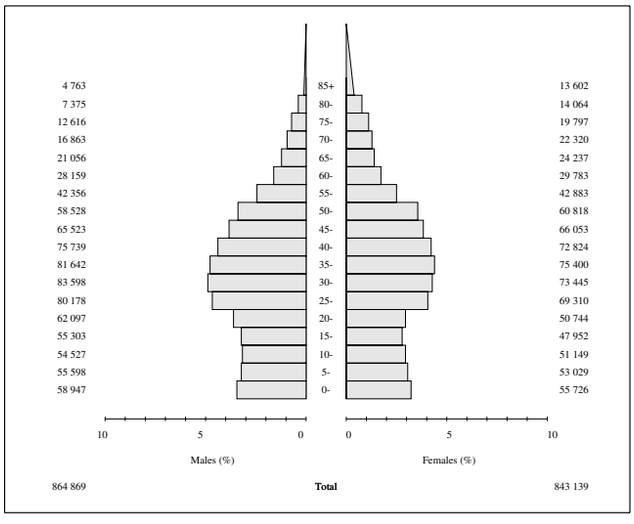
Use of the data

The Metropolitan Atlanta Registry submits data on an annual basis to the National Cancer Institute's SEER Program and the Center for Disease Control and Prevention's National Program of Cancer Registries, in collaboration with the Georgia Comprehensive Cancer Registry. A number of population-based descriptive and analytical epidemiological investigations have been conducted through the registry. Several of these have focused on factors, which may relate to the observed high incidence and low survival rates for cancer among blacks. These studies have included cancers of the prostate, breast, pancreas, esophagus, ovary, colon, rectum and multiple myeloma. Registry data extensively support the research of faculty within the Rollins School of Public Health at Emory University as well as many other researchers throughout the state.

USA, GEORGIA, ATLANTA: BLACK (1998-2002)



USA, GEORGIA, ATLANTA: WHITE (1998-2002)



Source of population

July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census.

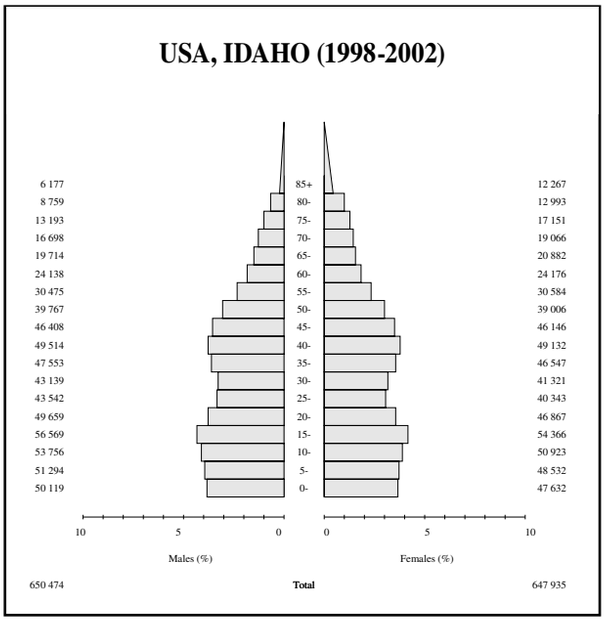
Multiple primary rules used

IACR rules (2004) on CI5 IX period.

USA, Idaho

Registration area
According to the US Census Bureau (internet release 22 December 2006), Idaho's total resident population for 1 July 2006 was 1 466 465. Idaho is the 4th fastest growing state since the 2000 Census. Idaho ranks 3rd among the 50 states plus the District of Columbia in terms of the proportion of the population aged 18 and under, and 41st in terms of the proportion of the population aged 65 and older (2000 Census). The majority of Idahoans are non-Hispanic whites; Hispanics and Native Americans are the two largest minority groups, comprising 8.9% and 1.6% of Idaho's population, respectively (2004).

Idaho ranks near the bottom of states on several demographic measures that have been shown to be related to lower rates of cancer screening and later stage at diagnosis. Idaho is a large geographical state of 82 413 square miles, and over one third of Idaho counties are classified as frontier with less than 6.0 persons per square mile. The rural character of Idaho combined with severe winters in much of the state pose difficulties with access to cancer care.



Cancer care facilities
Thirty-seven hospitals routinely provide cancer diagnosis and/or treatment. There are seven hospitals in Idaho that have approved cancer programs from the American College of Surgeons Commission on Cancer. Seven hospitals offer radiotherapy, and there is one free-standing radiation facility in Idaho.

Registry structure and methods
The Cancer Data Registry of Idaho (CDRI) is a population-based, statewide cancer registry that collects incidence and survival data on all cancer patients who reside in the state of Idaho or who are diagnosed and/or treated for cancer in the state of Idaho. Idaho has one of the oldest cancer registries in the United States. Established before the National Cancer Institute's Surveillance, Epidemiology, and End Results (SEER) Program, the Cancer Data Registry of Idaho (CDRI) has functioned since 1969 and has been population-based since 1971.

Since 1969, CDRI has been supported with state funding by a dedicated fund from a portion of Idaho's tobacco tax. Since 1994, CDRI has enhanced cancer registry operations and increased utilisation of cancer registry data with National Program of Cancer Registries (NPCR) funding administered by the US Centers for Disease Control and Prevention (Public Law 102-515).

CDRI is staffed by six employees, including a vice president of operations and registry services, a director, an epidemiologist, a database coordinator and two cancer data controllers.

Both hospital-based registrars and central registry personnel conduct active and passive follow-up of cancer patients. CDRI conducts an annual linkage with vital records to obtain survival data as well as determine cancer cases that were not identified through other sources.

CDRI has worked since 1999 with the Northwest Portland Area Indian Health Board (NPAIHB) on probabilistic linkages between cancer registry, tribal registry and Indian Health Service administrative data to improve the accuracy of cancer statistics among Native Americans in Idaho.

Interpreting the results
CDRI has achieved NPCR and North American Association of Central Cancer Registries (NAACCR) standards for data completeness, timeliness and quality since 1993; for the last ten years of submitted data (1995–2004) CDRI has achieved the NAACCR Gold Standard. Idaho data are included in USCS and CINA.

In 2004, Idaho was twelfth-worst in the nation for men aged 40 and older who have not had a prostate specific antigen (PSA) test within the past two years, according to the Behavioral Risk Factor Surveillance System (BRFSS).

Use of the data
CDRI data are used for many purposes, including surveillance of cancer incidence rates, program planning and evaluation, quality assurance, measurement against clinical guidelines and benchmarks, central registry systems development, responding to requests for information from hospitals, media and the public, and public health practice.

CDRI data are used in approved projects for use in epidemiologic and translational studies. In 2006 CDRI was funded to participate in the CDC/ORC Macro study "Accuracy of Cancer Mortality Measured by Death Certificates." CDRI worked with NPAIHB to link tribal registries to CDRI data to improve quality of race-specific incidence rates and used linked data in studies.

Published reports of cancer incidence and mortality are available on the CDRI web site at: www.idcancer.org.

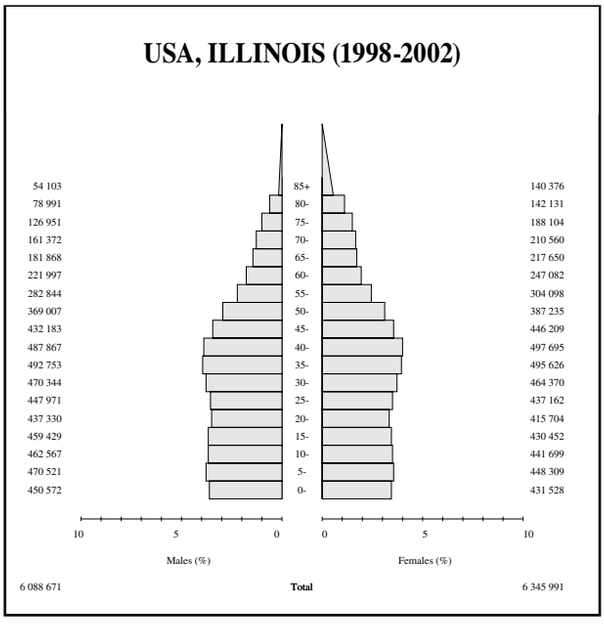
Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census.
http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Illinois

Registration area
The Illinois State Cancer Registry covers the population of the State of Illinois, USA. The population at the most recent census was 12 439 738, with an urban population of 12 378 679 and a rural population of 61 059. Eighty percent of the population is white, 16% African American, and 4% of the Illinois residents reported themselves as some other race; 12% of the population is Hispanic or Latino.

Cancer care facilities
Throughout Illinois cancer patients are treated at hospitals, ambulatory surgery centres, out-patient non-hospital facilities that house radiation therapy equipment, physician's offices and chemotherapy centres. The size of the hospitals varies from large teaching and university-based hospitals to small rural community hospitals. There are two NCI-designated Comprehensive Cancer Centers in Illinois. About 6% of the Illinois residents visit hospitals in other states for diagnosis and treatment.



Registry structure and methods
The Illinois State Cancer Registry is housed in the Illinois Department of Public Health, Division of Epidemiologic Studies and state law provides the authority for collection of cancer incidence cases.

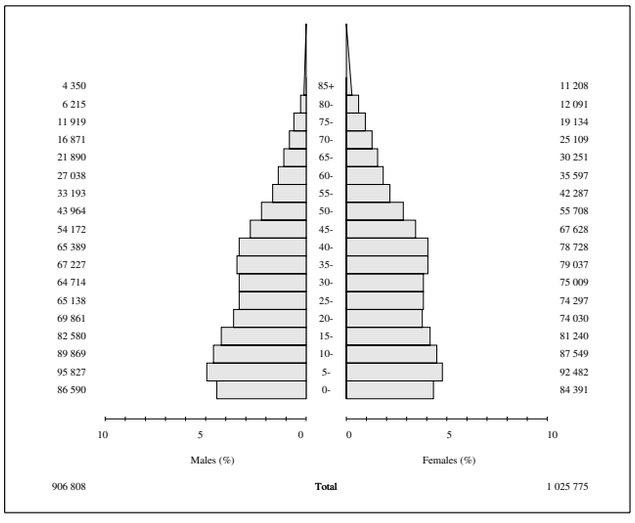
The state accounts for one third of the Registry funding, and the other two thirds is funded by the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR). The registry receives reports from over 400 facilities, and 97% of the reports are received in electronic format. All hospitals are visited at least once every five years for casefinding. Re-abstracting studies will be performed online within the next year, and online abstracting will also be available. Death clearance is performed as a casefinding tool, and data exchange is performed with 12 other US states.

There are 23 staff supporting the registry and include a PhD, MD Medical Director, along with 11 certified tumour registrars (including registry manager, trainer and QC manager), 3 database support staff, 1 data use coordinator, 2 registry operations staff, 1.75 clerical support staff, 2.5 epidemiologists and 1.75 research support staff. The registry performs all activities required by the National Program of Cancer Registries and has been certified as a gold standard registry by the North American Association of Central Cancer Registries for the past 9 years.

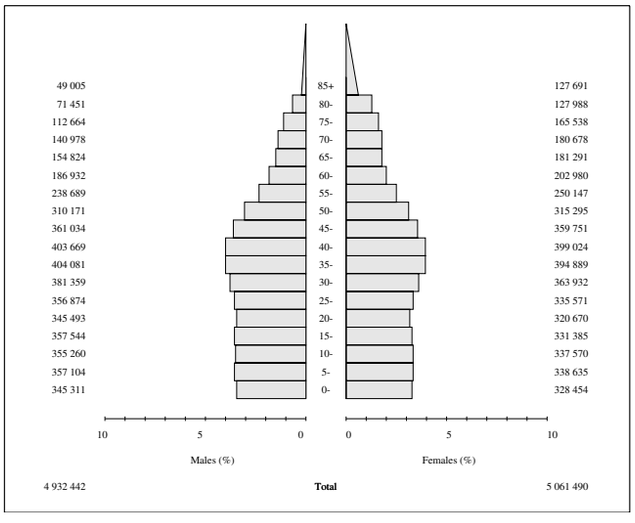
Interpreting the results
The completeness of reporting for the Illinois State Cancer Registry is at estimated to be 100%. However, melanomatous cancers of the skin and prostate cancer are estimated to be under reported.

Use of the data
The registry provides yearly annual reports at the state and county levels; a public dataset file with data at state, county and postal code levels; an interactive query system of all public data on the Department's web site; access to confidential data by researchers through application and IRB review; cluster investigations; quality control reports to reporting facilities; linkage with the Department's Breast and Cervical cancer program and the State's death certificates and various non-confidential data requests from reporting facilities.

USA, ILLINOIS: BLACK (1998-2002)



USA, ILLINOIS: WHITE (1998-2002)



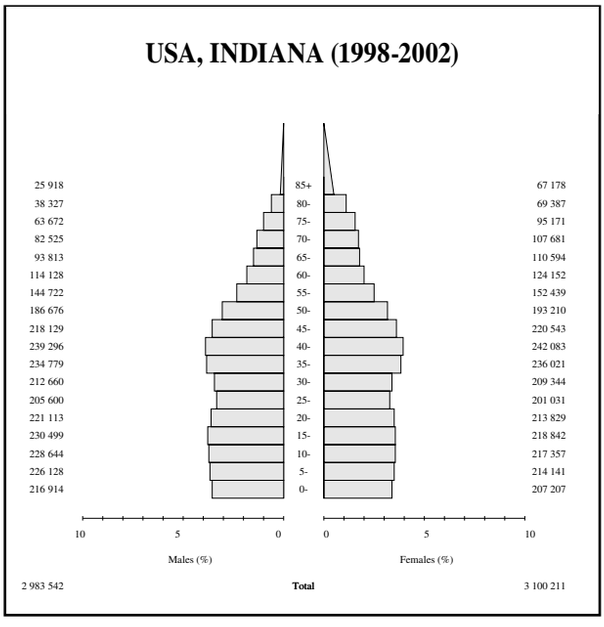
Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census. http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Indiana

Registration area

The Indiana State Cancer Registry covers the population in the state of Indiana, USA. The population at the most recent census (2000) was 6 080 485. The majority of the population (85.8%) is white, non-Hispanic. Non-Hispanic Black or African Americans comprise 8.3% of the population, Hispanics of any race 3.5%, and all other non-Hispanics 2.3%. The majority of the population (70.8%) resides in urban areas with 56.1% of the total population living in areas with more than 50 000 residents. Although 29.2% of the population lives in rural areas, only 2.1% of the total population live on farms. Surveys from 1990 suggest that about 87.5% of the population is Christian (Catholic 16%), about 7.4% is nonreligious, about 0.3–0.4% is Jewish, about 0.1% is Muslim, and the others belong to a variety of religions. Approximately 14% of the population has no health insurance, 24% has government-sponsored health insurance, and 63% has private health insurance (59% through their employers).



Cancer care facilities

Approximately 44 of the approximately 120 acute care hospitals in Indiana have a cancer program approved by the Commission on Cancer/ American College of Surgeons. Patients also receive cancer care in a variety of outpatient settings, such as ambulatory surgery centres, radiation therapy centres, cancer clinics, home care, private physician offices, and other locales.

Registry structure and methods

The registry is located within the Indiana State Department of Health, and is funded through state and federal funds from the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR). The registry is staffed by a director, three full-time cancer registrars, one full-time software programmer/analyst, one grant coordinator, and one secretary.

The registry collects data from approximately 120 hospitals throughout the state plus additional surgery centres, radiation centres, pathology laboratories, and physician offices. Cancer registry records are matched electronically with death certificates every year. Unreported cancer cases identified through this death clearance process are followed back and added to the registry as either a new case or a Death Certificate Only (DCO) case.

Cancer is a reportable disease by state statute. Most cases are reported electronically by hospitals using various cancer registry software programs. Case-sharing agreements are in place with the four surrounding states (MI, OH, KY, & IL) and approximately 14 other states.

Numerous quality control procedures are performed on all incoming data using electronic and manual edit checking procedures.

Interpreting the results

Estimates of completeness of case ascertainment are made using the NAACCR method, which compares the ratio of incidence rates to mortality rates for over a dozen cancers, and compares this ratio with the ratio calculated for areas covered by SEER.

The Indiana State Department of Health (ISDH) has a Breast and Cervical Cancer Program through the Centers for Disease Control and Prevention (CDC), which provides funding and guidelines for the program. This program provides mammograms and Papanicolau testing for low-income women ages 40–65. The ISDH organizes the annual Black & Minority Health Fair, which occurs in conjunction with the Indiana Black Expo Summer Celebration. Free PSA testing is offered as one of a number of screening tests for chronic diseases. There is information available about screening for other cancers, including breast cancer, cervical cancer, and colon cancer, though these screenings are not generally offered at the fair. Outside of ISDH, there are many public and private organisations offering free or low-cost screenings for breast, cervical, prostate, and colon cancers.

Self-reported information from the 2004 Indiana Survey of the Behavioral Risk Factors Surveillance System indicates that an estimated 48.9% of Indiana men age 40 or above have had a PSA test within the past 2 years. This is lower than the nationwide (USA) average of 51.8%. In Indiana, only an estimated 55% of men age 40 or over report ever having had a PSA test.

Indiana is second highest in the USA in the percentage of current smokers (27.3% of the population age 18 or older). Both tobacco growing and coal mining are fairly common occupations in southern Indiana.

Use of the data

The Cancer Registry supports the Comprehensive Cancer Control program with data used both in educational publications and to provide an evidence base for the planning and implementation of strategies. The registry prepares an annual report of cancer incidence. Cancer registry data are also matched with data from the Breast and Cervical Cancer Early Detection Program annually. Cancer registry data are provided to the Shared Information Pathology Network project at Regenstrief Clinic in Indianapolis quarterly. Data are also used to respond to numerous unscheduled requests for data from other sources. Neither the registry nor any other programs or divisions in the ISDH does epidemiological cancer research beyond producing routine statistics. However, the Indiana State Cancer Registry makes its data available to bona fide researchers in both public and private organisations.

Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census. http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

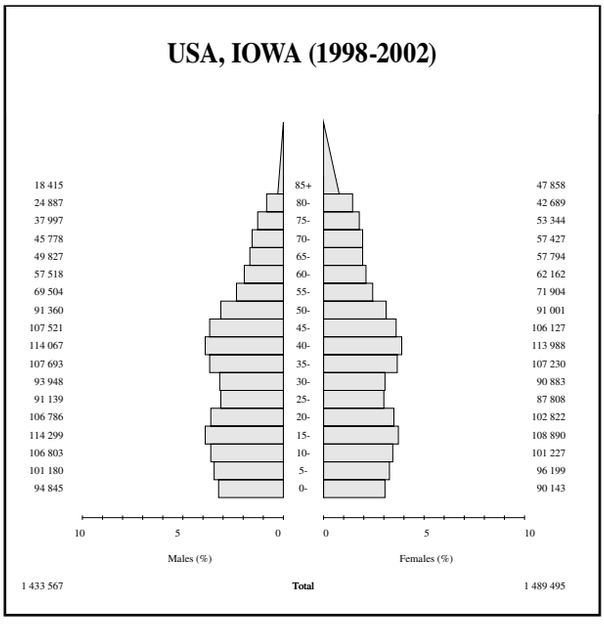
USA, Iowa

Registration area

The state of Iowa is located near the geographical middle of the United States and is part of its agricultural "heartland". Iowa is bordered on the north by Minnesota, the south by Missouri, the east by Illinois, and the west by Nebraska. The total area is about 145 800 km^2 with elevation ranging between 146 and 505m above sea level.

Ninety-two percent of the land area in the state is devoted to agriculture, ranking the highest in the USA among its 50 states. Agricultural exposures include pesticides, fertilizers, fuels and oils, animal viruses, organic solvents, engine exhausts and paints. These may influence cancer incidence in this population, but likely not as strongly as lifestyle factors like tobacco use, alcohol consumption and overweight/ physical inactivity.

Iowa had a 2000 population of 2 926 324, a 3.6% increase over its 1970 population. The population aged 65 years and older increased from 12.4% in 1970 to 14.9% in 2000. The principal ethnic group is Northern European, with Germans, Danes and Swedes accounting for a large segment of the population. The 2000 population is 93.9% white with 2.1% blacks, 1.3% Asian/Pacific Islander, 0.3% American Indian/Alaskan Native, and 2.4% other or more than one race. Over 80% of Iowa residents are native-born. The population is primarily Christian, the most prevalent religions being Roman Catholic, Lutheran, and Methodist.



Cancer diagnostic and treatment services are widely available to the entire Iowa population through both in-state and out-of-state facilities. These include surgery, radiation therapy, chemotherapy, and other treatment modalities such as immunotherapy. Radiation oncology services are provided as in-hospital facilities as well as stand-alone facilities. These types of diagnostic and treatment services have increased over time and have been accompanied by increasing numbers of medical, surgical, and radiation oncologists.

Registry structure and methods

Cancer data collection for the entire state of Iowa began in 1969 with the Third National Cancer Survey sponsored by the National Cancer Institute (NCI). With the completion of the survey in 1971, no further funding for cancer registration was available and 1972 data are incomplete. In 1973 the State Health Registry of Iowa, frequently referred to as the Iowa Cancer Registry, became part of the NCI Surveillance, Epidemiology and End Results (SEER) Program. The area covered by the Registry has not changed since 1969, and includes all 99 counties in the state of Iowa.

Cancer became a reportable disease in Iowa in 1982. The Iowa Department of Public Health has designated responsibility for cancer data collection to the Registry. Cancer data for Iowa residents are obtained from 154 hospitals, clinics, and pathology laboratories located both within the state and bordering the state. Cancer data are exchanged with other states.

Data are collected by Hospital Cancer Registrars and by 20 field staff employed by the Registry to cover specified geographic areas. The field personnel visit hospitals and other facilities in their areas and abstract data using laptop computers. The Registry's remaining 30 full-time employees work in the central office where they edit the data, consolidate multiple reports for the same cancer, perform follow-up, respond to data requests, and conduct research.

Since 1969, there have been changes in case definition and coding. These are documented in revisions to coding manuals and extent of disease classifications, provided at http://www.seer.cancer.gov/tools/codingmanuals.

The International Classification of Disease for Oncology is used to assign codes for topology, morphology, and tumour behaviour. The Registry is currently using the 3rd edition of ICD-O.

The Registry uses active and passive follow-up activities to obtain survival data. Passive follow-up activities include computerized linkage of data with death certificate information, driver's license files from the Iowa Department of Transportation, the Social Security Administration Epidemiological Vital Status data, and Medicare information provided by the Centers for Medicare & Medicaid Services. Active patient follow-up is conducted annually.

Quality control activities, including computer edits, statistical comparisons, and visual review of data, occur daily. Site-specific re-casefinding and re-abstracting are also performed on a regular basis.

Interpreting the results

Although some Iowans who leave the state for care are not identified and missed, ascertainment is thought to be about 99%. The Iowa Cancer Registry successfully follows over 98% of all patients into the current year.

Use of the data

The Registry functions as a collaborative program with the Iowa Department of Public Health. Many University of Iowa researchers have used Registry data. Registry data have also been used extensively in a number of local, national and international epidemiological studies.

Policymakers look to the cancer registry to provide information regarding the burden of cancer and time trends in cancer incidence, stage of disease at diagnosis, survival, and mortality. To this extent, they are currently used to address and assess cancer prevention and control issues. Occasionally, the data are also used to determine certificate

of need requests for new medical facilities and equipment in selected geographic areas of the state.

Source of population
Annual census projection based on the 2000 Census, prepared by the US Bureau of the Census.

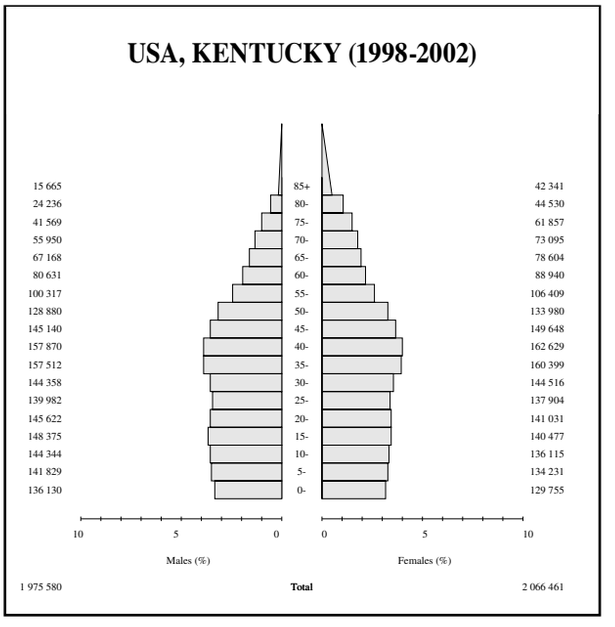
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Notes on the data
C44 does not include basal cell or squamous cell carcinoma.

USA, Kentucky

Registration area
The Kentucky Cancer Registry (KCR) is a population-based central cancer registry for the entire state of Kentucky. According to the 2000 U.S. Census, the population of Kentucky was approximately 4 042 000. Of that, 75.1% are White, 12.3% are Black and the remaining 12.6% are American Indians, Alaska Natives, Asian, Hawaiian Natives, Pacific Islanders or other races.

Cancer care facilities
All health care facilities in Kentucky that diagnose or treat cancer patients are required to report cancer cases to KCR. Facilities that are also required to report cancer cases include freestanding treatment centres, non-hospital (private) pathology laboratories, and physician offices.



Registry structure and methods
KCR has been collecting data on incident cases of cancer since 1991, when the State General Assembly approved legislation requiring mandatory reporting of all cases of cancer to the registry. The legislation provided recurring funding for staff, travel and computer equipment. KCR also receives funding from the US Centers for Disease Control and Prevention (CDC) through the National Program of Cancer Registries (NPCR) and the National Cancer Institute's Surveillance Epidemiology and End Results (SEER) program. KCR employs three Regional Coordinators to work with larger institutions and four Regional Abstractors that work with smaller hospitals in order to ensure the quality, accuracy, timeliness of the data reported.

The larger hospitals (those diagnosing or treating more than 100 new primary cancer cases annually) are required to have their own tumour registrar(s). These larger hospitals are divided into three geographic regions. The three Regional Coordinators employed by KCR spend one day each month in each of these larger facilities providing additional training, re-abstracting cases for quality control and helping the hospital-based registrars prepare reports from the data. The smaller hospitals (those diagnosing or treating fewer than 100 new primary cancer cases annually) are divided into four regions and assigned to one of four Regional Abstractors employed by KCR. The Regional Abstractors record and report information on all cases of cancer seen in these smaller institutions. The KCR Regional Coordinators and Regional Abstractors are required to be Certified Tumor Registrars (CTRs) or become CTRs within two years of their date of employment.

Interpreting the results
Data from KCR have been submitted to the North American Association of Central Cancer Registries (NAACCR) for an objective evaluation of completeness, accuracy and timeliness each year since a formal certification program was established in 1997. In each year (1999–2001), KCR received the highest level of NAACCR certification available (Gold). KCR has also submitted its data for inclusion in the Cancer in North America (CINA) publication. A registry must have complete data for the most current five-year period before their data can be evaluated for inclusion in the CINA combined rates. KCR data have been included in the CINA combined rates each year since five years of KCR data became available.

Use of the data
KCR data are used to initiate cancer control programs, evaluate intervention activities, or conduct epidemiological research. KCR data have been used in preparing hundreds of research projects and proposals. Also, data from KCR are presented each year to cancer councils in 15 Area Development Districts (groups of counties) covering the entire state. These District Cancer Councils use the data from KCR to identify specific types of cancer that occur in their area at substantially different rates compared to state and US rates.

Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census.

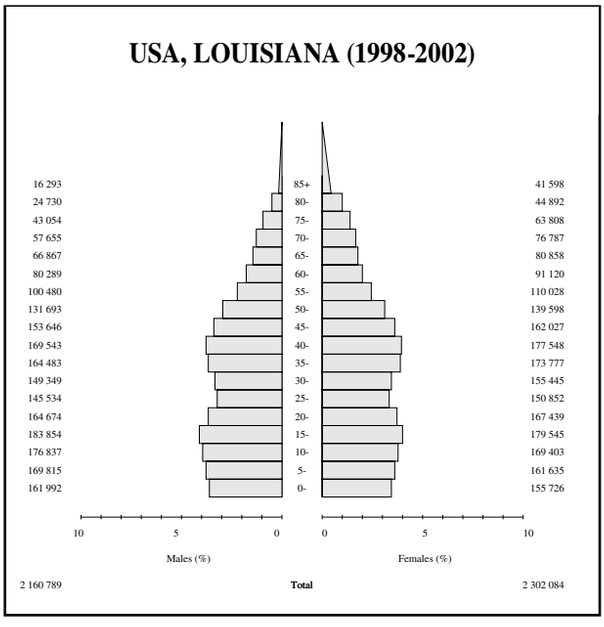
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Louisiana

Registration area

Louisiana belongs to what is historically known as the "Deep South" of the US, a warm and flat section of the country. The 2000 Louisiana population of 4 468 976 is 63.9% white and 32.5% African-American. Louisiana has less racial diversity than the nation, with 1.2% Asians, 2.4% Latin Americans, and 2.6% foreign-born. One population group unique to the state is the Cajuns, descendants of French-Canadians who live in central and southwest Louisiana.

Per-capita income and graduation rates for high school and college well below the national levels reflect Louisiana's low socioeconomic ranking in the US. The percentage living below the poverty level is 50% higher in Louisiana than nationally. Louisiana is unusual, however, in its dedication to providing free medical care through a statewide system of ten public hospitals.



Cancer care facilities

During the years 1998–2002 cancer diagnostic care and treatment were available at approximately 125 inpatient hospitals in Louisiana. The cancer programs at 29 hospitals and one cancer treatment centre were accredited by the Commission on Cancer. Radiotherapy services were available at most of these facilities, located in the larger cities throughout the state. One notable change in medical practice has been the rise of freestanding outpatient surgery facilities. Only a handful existed in Louisiana in 1998–2002, but two dozen are open now.

Registry structure and methods

The Louisiana Tumor Registry (LTR) was established in 1974 to monitor cancer incidence in the three-county area of Greater New Orleans. Its catchment area gradually expanded to include the entire state by 1988. The LTR participates in both the US Centers for Disease Control and Prevention's National Program of Cancer Registries and the National Cancer Institute's Surveillance, Epidemiology, and End Results (SEER) Program.

The LTR comprises a central office and eight regional offices. The LSU Health Sciences Center operates the LTR central office and three of the regional offices while local academic and medical organisations with cancer research and treatment interests coordinate the activities of the remaining five regions.

The registry staff in early 2005 numbered 54, with 18 of those in the central office. The LTR staff included 23 Certified Tumor Registrars, and the central office, housed in the Louisiana State University in New Orleans, had a research/technical team that included 4 doctorate degrees and 6 Master's degrees.

Louisiana law requires all licensed healthcare providers to report cancer cases who receive medical services for cancer. Because the LTR is considered a public health authority, it is exempt from the patient consent requirement of the HIPAA legislation.

Most incident cases are identified in hospitals. One fourth of the hospitals in Louisiana operate cancer registries, and these report about two thirds of new cases. Registrars from the LTR regional offices screen and abstract at the remaining hospitals. The LTR follows the reportability guidelines of the SEER Program and the CDC National Program of Cancer Registries andthe coding guidelines of the SEER Program.

Non-hospital sources of reportable cancer cases include pathology laboratories, radiation and dermatology clinics, and one-day surgery facilities. Pathology reports from both hospital and freestanding laboratories, including out-of-state labs, are screened, and all positive reports are followed back to the diagnosing healthcare provider to obtain the required information. Death certificates also identify a small number of cases, and these too are followed back to the diagnosing physician or hospital if possible.

Industry in Louisiana

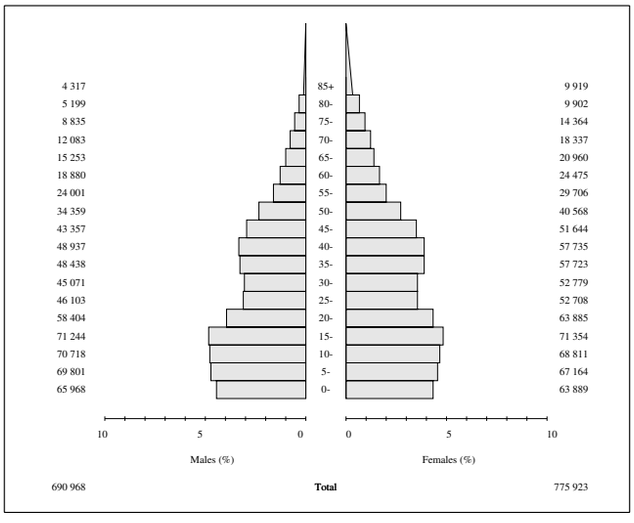
Although the state's economy traditionally relied on agriculture, Louisiana is now the second-largest refiner of petroleum in the US, and manufactures a quarter of the nation's petrochemicals. Over 25 000 people are employed in chemical manufacturing and another 14 000 in shipbuilding. The presence of 100 large petrochemical facilities has given rise to concerns about excess cancer incidence among workers and residents there. The LTR publishes comparisons of cancer incidence rates in the industrial corridor from Baton Rouge to New Orleans with those for the state and the nation in its annual *Cancer in Louisiana* series. Although monitoring environmental indicators remains the responsibility of the federal Environmental Protection Agency and the state Department of Environmental Quality, the LTR collaborates with the Louisiana Office of Public Health in investigating reports of excess cancer incidence in specific areas.

Use of the data

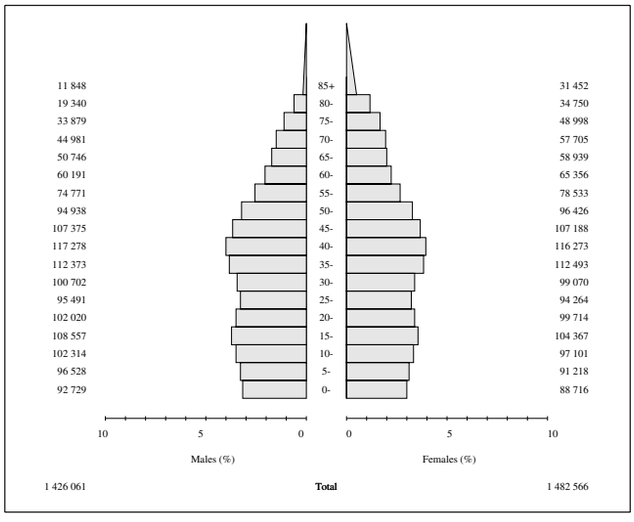
Louisiana incidence and mortality data are published annually in *Cancer in Louisiana* and are available on the registry website: http://publichealth.lsuhsc.edu/tumorregistry. In addition, they are incorporated into several databases on the Web: the CDC/NCI's State Cancer Profiles, the CDC's WONDER, and the North American Association of Central Cancer Registries' CINA+. The LTR cooperates with outside researchers investigating the correlations between

cancer incidence and workplace exposures or lifestyle risk factors and with the Louisiana Office of Public Health in investigations of potential cancer "clusters." LTR staff members also participate in patterns-of-care studies for the CDC and the SEER Program, as well as publishing numerous descriptive epidemiology articles.

USA, LOUISIANA: BLACK (1998-2002)



USA, LOUISIANA: WHITE (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Louisiana, New Orleans

Registration area

The New Orleans region, comprising three counties in southeast Louisiana in the American Deep South, had a population of 1 007 369 in 2000. Of these, 99% were considered urban dwellers. The average per capita income of metropolitan New Orleans was slightly higher than the state average, but the state per capita income is 22% lower than the national level. The area's population is approximately 44% African American and 53% white, with only a small presence of Asians or American Indians. About 5% of the population is of Hispanic origin.

Cancer care facilities

Cancer registration in the three-county area of Greater New Orleans began in 1974. The New Orleans Regional Registry, which also documents cancer incidence in eight surrounding counties, has a staff of six full-time employees and a supervisor. Of these, five are Certified Tumor Registrars.

Diagnosis and treatment for cancer during the period 1998-2002 was available at 18 hospitals in Greater New Orleans. Eight offered cancer programs approved by the Commission on Cancer, and a few others had extensive cancer services as well. Radiotherapy was available only at these large facilities.

Registry structure and methods

Although the Louisiana Tumor Registry (LTR) encompassed only the New Orleans area in 1974, its catchment area expanded incrementally, covering the entire state in 1988. The LTR participates in both the U.S. Centers for Disease Control and Prevention's National Program of Cancer Registries and the National Cancer Institute's Surveillance, Epidemiology, and End Results (SEER) Program.

The LTR comprises a central office and eight regional offices. The LSU Health Sciences Center operates the LTR central office and three of the regional offices, while local academic and medical organizations with cancer research and treatment interests coordinate the activities of the remaining five regions.

Louisiana law requires all licensed healthcare providers to report cases that receive medical services for cancer, whether a resident of the state or not. Because the LTR is considered a public health authority, it is exempt from the patient consent requirement of the HIPAA legislation.

Most incident cases are identified in hospitals. One fourth of the hospitals in Louisiana operate cancer registries, and these report about two thirds of the new cases. Registrars from the LTR regional offices screen and abstract at the remaining hospitals. The LTR follows the reportability guidelines of the SEER Program and the CDC National Program of Cancer Registries, abstracting all data items required by these programs as well as other data items.

Non-hospital sources of reportable cancer cases include pathology laboratories, radiation and dermatology clinics, and one-day surgery facilities. Pathology reports from both hospital and freestanding laboratories, including out-of-state labs, are screened, and all positive reports are followed back to the diagnosing healthcare provider to obtain the required information. Death certificates also identify a small number of cases, and these too are followed back to the diagnosing physician or hospital.

For cancer cases diagnosed in its area, each regional office abstracts, consolidates, and edits data and documents survival through active follow-up. The central office consolidates and edits data from the regional registries, monitors completeness of case ascertainment, exchanges case reports with other states, obtains survival information through data linkages, and analyzes and interprets the statistical information derived from the data.

Both regional registries and the central office evaluate case completeness on an ongoing basis by comparing each facility's case counts with those for previous years. The LTR conducts case-finding audits throughout the state, as do the major funding agencies (the CDC and the SEER Program). Abstractors from the central and regional offices participate in national reliability studies at least biennially to evaluate their coding expertise, and samples of cases prepared by hospital registrars are re-abstracted to appraise their accuracy.

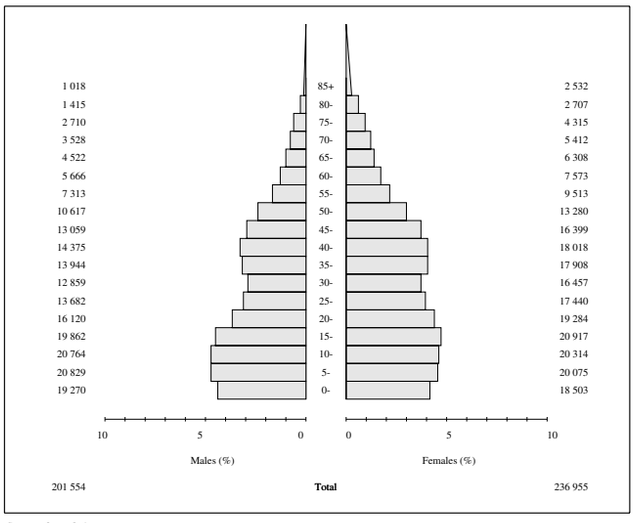
The LTR follows the coding guidelines of the SEER Program. Over time, some changes have been adopted nationwide to reflect changes in the understanding of cancer and in treatment modalities. These include the transition from the First Edition to the Third Edition of the ICD-O manuals and from the SEER 1977 staging manual to the SEER 2000 staging manual, as well as updates to the treatment codes.

Use of the data

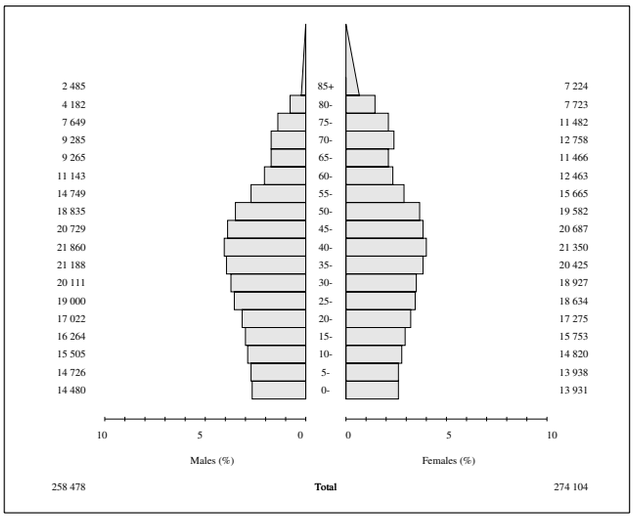
Louisiana incidence and mortality data are published annually in the LTR's *Cancer in Louisiana* series and are available on the registry website: http://publichealth.lsuhsc.edu/tumorregistry. In addition they are incorporated into several databases on the Web: the CDC/NCI's State Cancer Profiles, the CDC's WONDER, and the North American Association of Central Cancer Registries' CINA+.

The LTR cooperates with outside researchers studying correlations between cancer incidence and workplace exposures or lifestyle risk factors, and with the Louisiana Office of Public Health in investigations of areas with possible high rates of cancer incidence. In addition, LTR staff participates actively in patterns-of-care studies for the CDC and the SEER Program, as well as publishing numerous descriptive epidemiology articles.

USA, LOUISIANA, NEW ORLEANS: BLACK (1998-2002)



USA, LOUISIANA, NEW ORLEANS: WHITE (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census.

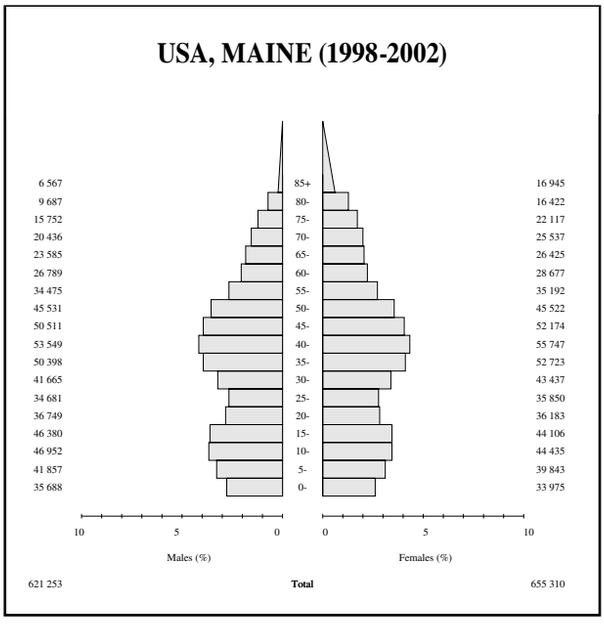
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Maine

Registration area
The Maine Cancer Registry covers the entire population of the state of Maine in the United States of America. According to the 2000 US Census, 58% of the population lives in a rural area. About 82% are Christian, while 17 % classify themselves as non-religious. About 97% of the population is Caucasian.

Cancer care facilities
Health care in Maine is provided by 37 hospitals and many private physician offices. Of the 37 hospitals, 11 have approved cancer care programs. The availability of care is more prominent in the more populous southern regions of Maine. Citizens in northern Maine may have to drive further to obtain appropriate cancer care.

Registry structure and methods
The registry is located in Augusta, the state capital. The registry is staffed by 6.5 full-time employees, two of whom are certified tumour registrars. Funding for the central registry is a 3:1 match between federal dollars from the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR) and state dollars. Cancer is a reportable disease according to state law. The majority of our cases are reported by hospitals on a routine basis. These data are supplemented by required physician reporting, active case-finding at Maine's one independent pathology laboratory, and review of death certificates with a mention of cancer. Death registry information in Maine is very complete and accessible. Maine also has data exchange agreements with all bordering states and other states where Maine residents tend to vacation during the winter. The Maine Cancer Registry has a quality control program, and the resulting data meet the highest standards for data quality.



Interpreting the results
Maine's cancer incidence database meets the highest standards for quality, completeness, and timeliness. The registry database is 100% complete for the data years of interest. Screening for prostate, colon, breast, and cervical cancer have increased but remain largely opportunistic. Environmental concerns in Maine include high levels of arsenic in private well water, and high radon air concentrations in Maine homes, as these chemicals occur naturally in Maine's geography. Maine is also home to a shipbuilding company that used asbestos in the past.

Use of the data
The registry prepares an annual report of cancer incidence and includes mortality from the state's vital statistics office. Annual reports may also include information on trends and stage at diagnosis. Maine does not operate a follow-up registry, so survival studies are not produced. Data are used for program planning and evaluation. Maine's database has also been used in special studies of bladder cancer, cervical cancer, colon cancer treatment, and quality-of-life surveys.

Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census.
http://www.seer.cancer.gov/popdata.

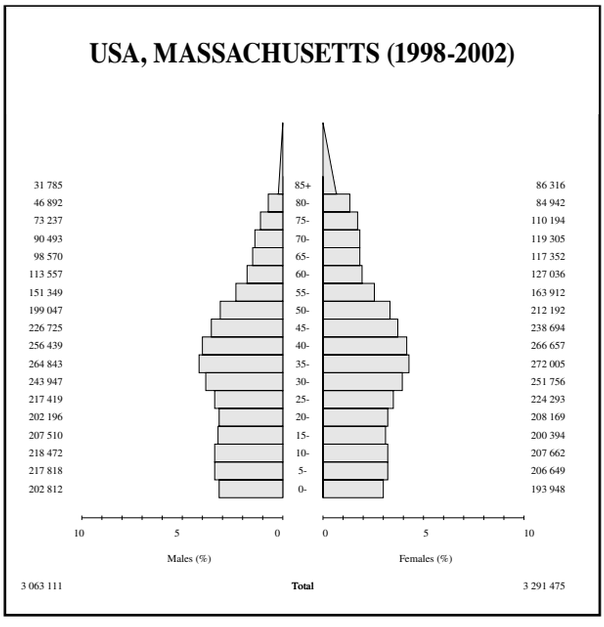
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Massachusetts

Registration area
The Massachusetts Cancer Registry (MCR) covers the population of the Commonwealth of Massachusetts. The population at the most recent US Census (2000) was 6 349 097. The population is represented as follows: 84% White non-Hispanic; 5% Black non-Hispanic; 7% Hispanic; 4% Asian non-Hispanic; .02% Native American non-Hispanic.

Cancer care facilities
The MCR collects reports of newly diagnosed cancer cases from multiple sources. In 2003, 70 Massachusetts acute care hospitals, 3 medical practice associations, 5 laboratories, 1 radiation/oncology facility, dermatologists and urologists reported to the MCR.

Registry structure and methods
The MCR is located within the Center for Health Information, Statistics, Research and Evaluation (CHISRE), Massachusetts Department of Public Health (DPH). The MCR is 75% funded by the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR), and 25% by the Commonwealth of Massachusetts. The Registry's staff include a director, assistant director of registry operations, an administrative assistant, 9 operations staff (quality assurance and data acquisition), 3 epidemiology staff, and 3 geographic information systems/special project staff.



The MCR follows all CDC/NPCR program requirements for data collection and reporting. We are certified by the North American Association for Central Cancer Registries (NAACCR) and have received their gold standard for completeness, quality and timeliness for the past several years.

Interpreting the results
As noted above, the MCR collects reports of newly diagnosed cancer cases from multiple sources, including acute care hospitals, medical practice associations, laboratories, radiation/oncology facilities, dermatologists and urologists reported to the MCR. Reports from dermatologists' offices and dermatopathology laboratories, particularly on cases of melanoma, have only been collected by the MCR since 2001. Reports from urologists' offices have only been collected by the MCR since 2002. Currently, the MCR collects information on *in situ* and invasive cancers and benign tumors of the brain and associated tissues. The MCR does not collect information on basal and squamous cell carcinomas of the skin.

The MCR also collects information from reporting hospitals on cases diagnosed and treated in staff physician offices when this information is available. Not all hospitals report this type of case, however, and some hospitals report such cases as if the patients had been diagnosed and treated by the hospital directly. Collecting this type of data makes the MCR's overall case ascertainment more complete. The cancer types most often reported to the MCR in this manner are prostate cancer and melanoma.

In addition, the MCR identifies previously unreported cancer cases through death certificate clearance to further improve case completeness. When possible, the MCR obtains additional information on these cases through follow-up activities with hospitals, nursing homes and physicians' offices. Otherwise, a cancer-related cause of death recorded on a Massachusetts death certificate is the only source of information for a cancer case. As a result, these cancer cases identified through death certificates are poorly documented and have not been confirmed by review of complete clinical information. These cases, however, comprise less than 3% of all cancer cases in this report.

There are organised screening programs at the state level for breast, cervical and prostate cancer. According to data from the behavioural risk factor survey (BRFS), a questionnaire administered randomly to the state, 57.9% of men over 50 had a prostate specific antigen PSA in the past year. Additionally, 65.4% of men over 50 had a digital rectal exam (DRE).

Use of the data
The MCR produces two annual reports: *Cancer Incidence and Mortality in Massachusetts* (providing information on cancer incidence and mortality for the state as a whole), and *Cancer Incidence in Massachusetts: City and Town Supplement* (providing information on cancer incidence for Massachusetts' 351 cities and towns). We also produce special reports on a periodic basis, such as *Data Report on In Situ Breast Cancer in Massachusetts*, *Data Report on Colorectal Cancer in Massachusetts*, *Childhood Cancer in Massachusetts, 1990–1999*, *Cancer in Massachusetts Women, 1989–1998: Data Report*, and *Selected Cancers in Massachusetts Men, 1982–1996*.

Data are available to the public via MassCHIP, the MDPH's online information service that provides community-level data (http://masschip.state.ma.us), and at Massachusetts Cancer Information Online, a website that allows users to access a variety of local, state and national cancer information in three ways—by age, by geography and by type of cancer (http://www.mass.gov/dph/cancer). MCR reports are also posted on the program website (http://www.mass.gov/dph/bhsre/mcr).

The MCR receives approximately 10–15 requests for data each month. Data are used by other DPH programs for

program planning and evaluation, and by external researchers for epidemiologic studies. MCR staff provide support and consultation to other DPH programs and outside agencies.

Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single−race estimates derived from the original multiple−race categories in the 2000 United States Census.
http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Michigan

Registration area
This Registry covers the State of Michigan within the United States of America. The state of Michigan is approximately 82% white, 12% black, 4% Asian and 2% Native American. The state is roughly 3% Hispanic.

Cancer care facilities
Diagnostic and treatment services for cancer are widely available throughout the state. Radiotherapy services are widespread and generally readily available in population centres, with some access issues in rural areas.

Registry structure and methods
The registry is located within the Department of Community Health for the State of Michigan. It is staffed using 12 full time equivalent positions. The registry is funded in part by the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR).

Data collection is passive, with routine auditing of reporting by health facilities using CTRs.

Eighty-five percent of case reports are submitted electronically. Reports are received largely from hospitals and regional cancer registries. Reporting is supplemented by pathology laboratories, clinics, physicians and dentists. Resident case exchange agreements are in place with 19 other states.

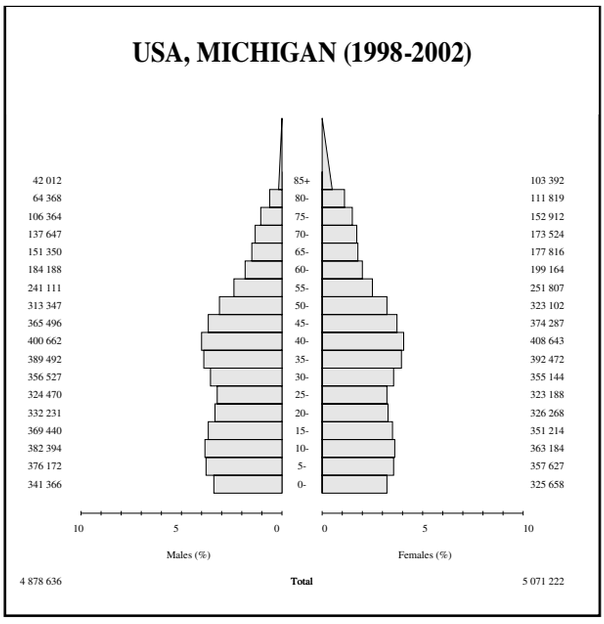
The registry is located within the vital records office with ready access to death information.

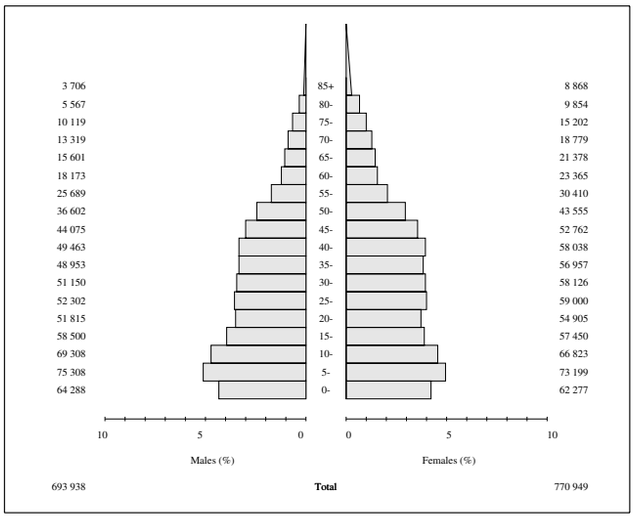
Reporting is required by law. Case information is confidential and protected by law. Improper use or release of the information is a crime.

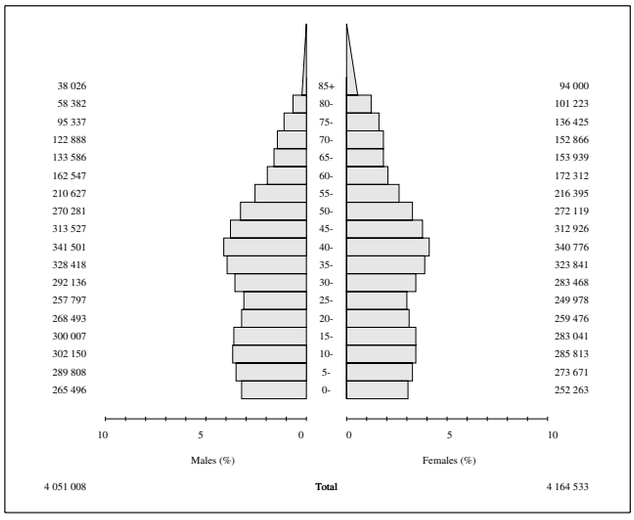
Registry quality, completeness, accuracy and timeliness are monitored through ongoing routine auditing of reporting facilities, with independent assessments of quality conducted annually by NAACCR and by CDC.

Interpreting the results
Breast and cervical cancer screening programs for the uninsured are in place throughout the state. Screening prevalence for breast and cervical cancer is reasonably high by US standards, and PSA testing is common in the population.

Use of the data
Registry data are used for reporting incidence, extent of disease, and survival. Data are also used in research, and for planning and evaluation of heath services.







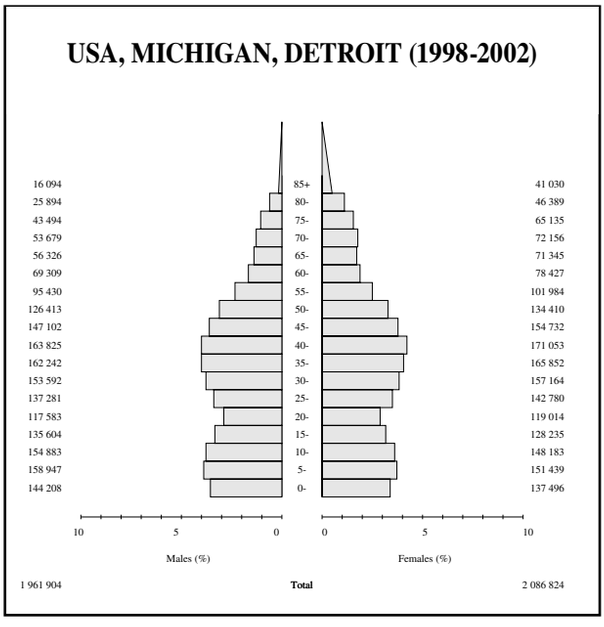
Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census. http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Michigan, Detroit

Registration area

The Metropolitan Detroit Cancer Surveillance System (MDCSS) covers three adjacent counties in southeastern Michigan in the United States (US) of America. Metropolitan Detroit is between longitudes 82º and 83º W and latitudes 42º and 43º N. These three counties, Wayne, Oakland and Macomb, comprise 42% of the overall population of the state of Michigan. The total population of the Metropolitan Detroit area, according to the 2000 US Census was 4 043 467. Of this total, 2 784 071 (68.8%) persons were Caucasian and 1 011 038 (25.0%) persons were African American. Of the total population, 118 641 (2.9%) persons were of Hispanic origin. The City of Detroit is the major urban centre of this area. In the City of Detroit, 12.3% of the population was Caucasian and 81.6% was African-American, with 5.0% of the total being of Hispanic descent. The Metropolitan Detroit area is culturally diverse, with representation from Arabic, Polish, Greek, Italian, German, English, Irish and Scottish ancestry. The area is heavily industrialised, being the centre of the United States automobile manufacturing industry. The total registration area is 5094 km^2.



Cancer care facilities

The MDCSS began in 1949 as a pathology registry for 25 collaborating hospitals. In 1960, the MDCSS became a central statistical resource for these 25 hospitals, providing reports comparing the experience of each hospital with the entire group of collaborating hospitals. In 1969 the MDCSS became the designated arm of the Michigan Department of Community Health (MDCH) for collection of cancer information in the Metropolitan Detroit area. In this same year, the MDCSS was organised in its current form to participate in the Third National Cancer Survey for the years 1969–1971. In 1973 the MDCSS became one of the founding participants in the National Cancer Institute's (NCI) Surveillance, Epidemiology and End Results (SEER) Program.

Registry structure and methods

In 1976, the MCF became a member of the NCI-funded Comprehensive Cancer Center in Detroit along with Wayne State University (WSU) and the Detroit Medical Center. In 1995, all programs of the Comprehensive Cancer Center were consolidated under the name of the Barbara Ann Karmanos Cancer Institute (KCI). The Director of KCI reports to the Dean of the WSU School of Medicine and the Comprehensive Cancer Center's Programs are administered by the School of Medicine.

We have a staff of 35 in abstracting, 14 in editing, 5 in follow-up and 4 in IT who handle case finding, abstracting, editing, follow-up and computer issues. In addition, there are over 40 individuals working in research.

The MDCSS provides both incidence and survival reporting for the Metropolitan Detroit area. Data are collected by the MDCSS abstracting staff from area hospitals, private pathology laboratories, radiation therapy facilities and selected clinics and physician offices. These facilities include those located within Metropolitan Detroit, as well as facilities outside the area, which routinely provide care for cancer patients who reside in the MDCSS registration area. Both passive and active follow-up are maintained for all cases. Re-admissions to hospitals are also abstracted for follow-up data. Death certificates for the State of Michigan, and for other states that are primary retirement areas for local residents, are linked by computer tape each quarter to provide up-to-date information on new deaths and causes of death.

The completeness and accuracy of our data are evaluated both by the SEER program and internally on a routine basis. The Metropolitan Detroit Cancer Surveillance System routinely scores in the top 5 of all SEER registries nationally.

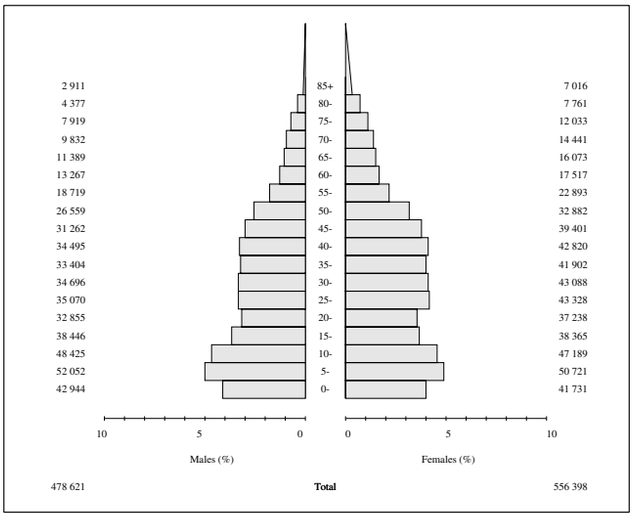
Interpreting the results

Besides the metropolitan Detroit area being highly industrialised, the area is also home to a plant that was involved in the processing of vermiculite contaminated with asbestos.

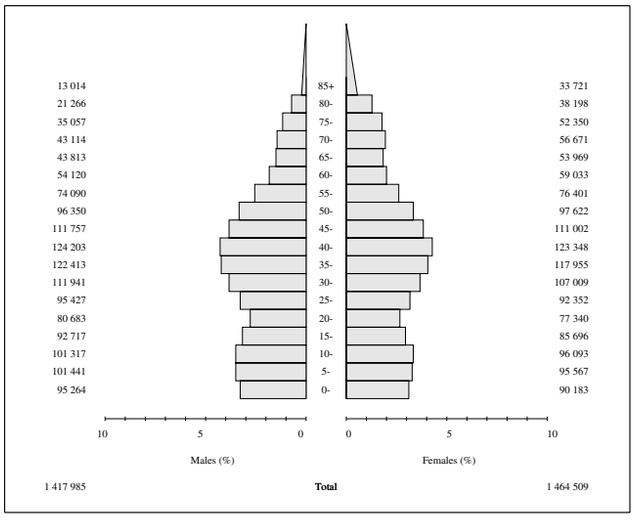
Use of the data

From 1973 through 1978, the MDCSS and the Metropolitan Detroit SEER Program were essentially data collection operations, with minimal reporting of descriptive data. Development of a research program in cancer epidemiology began in 1979. Cancer epidemiology evolved into a major research program with a current focus on racial disparities in risk and survival. The Metropolitan Detroit SEER data are utilised extensively for descriptive and analytic epidemiology. The data are also utilised by local health departments, the Michigan Department of Community Health and area health professionals for planning, evaluation and educational purposes. Community concerns regarding cancer risk are also addressed through use of MDCSS data.

USA, MICHIGAN, DETROIT: BLACK (1998-2002)



USA, MICHIGAN, DETROIT: WHITE (1998-2002)



Source of population

July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census.

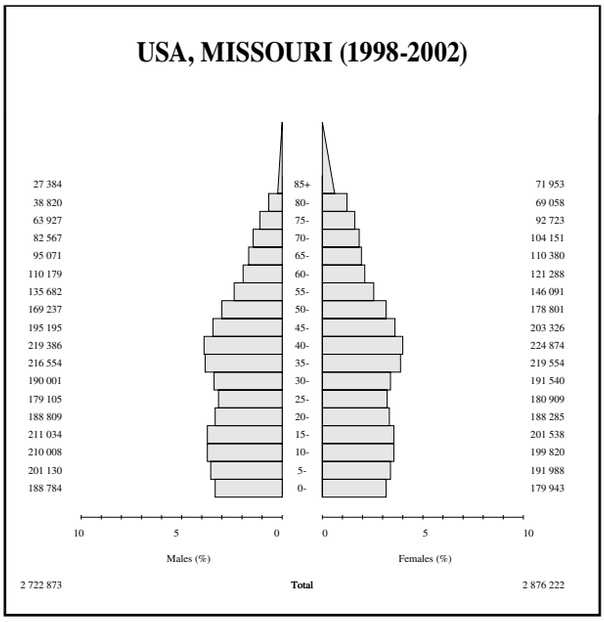
Multiple primary rules used

IACR rules (2004) on CI5 IX period.

USA, Missouri

Registration area
The Missouri Cancer Registry (MCR) covers the population of the state of Missouri, located in the middle of the United States and having as its eastern border the Mississippi River. The majority of Missouri's 5.5 million people live in two major metropolitan areas (Kansas City and St. Louis) and five minor metropolitan areas. The remainder of the state consists of small towns and rural areas.

Cancer care facilities
Over 85% of annual cancer incidence cases are reported by hospitals, of which there are 126 in Missouri, including four Veterans Affairs (VA) hospitals and two military hospitals. Most of the remaining cases are reported by long-term care facilities, ambulatory surgery centres, freestanding cancer clinics and treatment centres, pathology laboratories and physician offices/groups that diagnose or treat cancer or through case-sharing agreements with 18 other states. The states of Kansas, Illinois and Texas contribute the largest number of data exchange cases.



Registry structure and methods
MCR is a joint endeavour of the University of Missouri and the Missouri Department of Health and Senior Services (DHSS). It is located on the campus of the University of Missouri-Columbia and is housed in the School of Medicine, Department of Health Management and Informatics (HMI). The primary funding source for operating the registry is the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR) through a contract between the University and DHSS. The registry's operations director is also a member of the HMI faculty. Registry staff include 9.25 Certified Tumor Registrars (CTR's), 3 health program specialists or assistants, 2.25 technical staff (data base manager and IT support), a half-time statistician, 1 support staff and 2 part-time graduate research assistants. The registry also receives support from four DHSS staff members who are partly funded by CDC-NPCR.

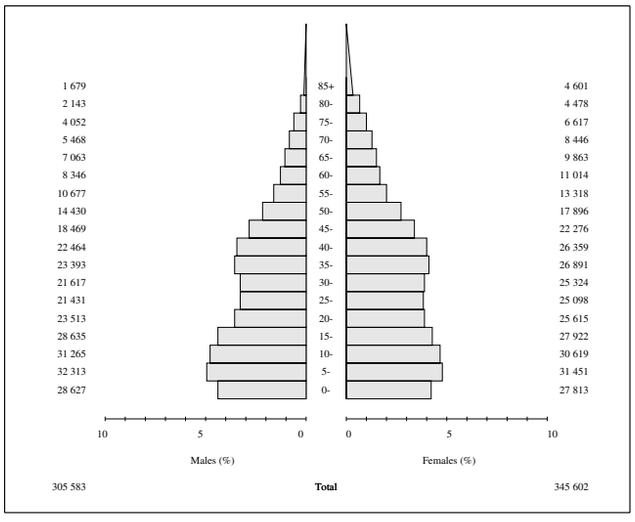
Data collection from hospitals is 80–85% automated. Approximately 5% of the cases are received as copies of medical records, which are then abstracted by MCR staff. Another 5% are submitted by non-hospital facilities (surgery centres, radiation centres, physician offices and nursing homes); most of these cases are submitted on paper but MCR is piloting web-based reporting of prostate cancer and melanoma skin cancer by physician offices. Another source is death certificates. Death information for Missouri residents who died in Missouri is available both in an electronic file and as a paper record through a Memorandum of Understanding with DHSS's vital records unit. Death information for Missouri residents that die elsewhere is available from some but not all states. MCR staff conduct death clearance and follow-back on in-state cancer deaths not matched in the registry database; the number of new cases identified only through death certificates is <3% for data from 1998–2003. MCR staff process over 45 000 records annually. After case consolidation, this yields approximately 28 000 Missouri incident cases.

Quality control is an ongoing process at MCR. All records receive an initial review and an additional in-depth review. Before each call for data, all cases are run against GenEdits and Interrecord Edits and corrections made prior to submission. Quality control is also part of each data request. Prior to finalising the data request, the data are reviewed for accuracy. In addition, reports are produced whenever necessary to look at possible errors that have been identified through the review process.

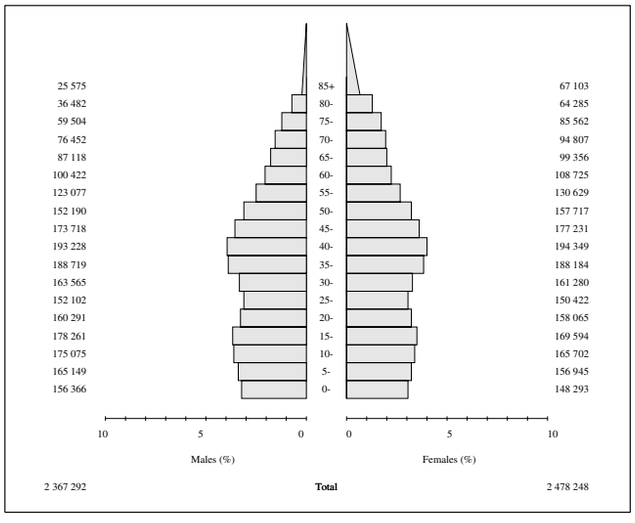
Interpreting the results
MCR data meet NPCR standards and North American Association of Central Cancer Registry (NAACCR) criteria for timeliness completeness and quality. While MCR data are more than 95% complete (i.e., >95% of expected cases are available within 24 months of the close of a diagnosis year), some sites are less complete. Less than 60% of expected melanoma skin cancer cases were reported annually through 2003. In 2004, MCR initiated reporting of melanoma skin cancers by physicians; this has resulted in increased reporting of these cases. Prostate cancer cases were also underreported. In 2005, Missouri became one of eight states funded by CDC-NPCR to pilot web-based reporting of prostate cancers by physicians. We hope to see an increase in reporting of these cases in 2006.

Use of the data
Missouri incidence data are used for program planning and evaluation, epidemiological studies, cancer cluster investigations, annual reports and a variety of other purposes. Missouri incidence data are available online at http://www.dhss.mo.gov/cancerMICA/ by site, race, age group and geographic unit.

USA, MISSOURI: BLACK (1998-2002)



USA, MISSOURI: WHITE (1998-2002)



Source of population
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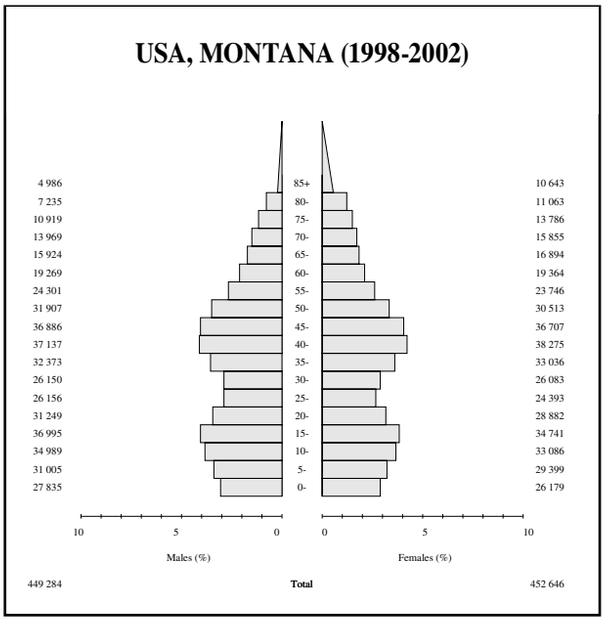
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Montana

Registration area
The Montana Central Tumor Registry (MCTR) is a population-based registry covering the entire State of Montana. The MCTR was started in 1979 by the Montana Tumor Registry Act. About 60% of the state is actually prairie in the Great Plains. Montana is primarily rural. The state ranks fourth among US states in size but has a relatively low population and consequently a very low population density. The race of Montanans is about 92% Caucasian and 6% American Indian.

Cancer care facilities
Montana has 4 American College of Surgeons cancer approved programmes; Benefis Healthcare in Great Falls, St. Patrick Hospital in Missoula, St. Peter's Hospital in Helena, and Billings Clinic in Billings. Other cancer-related facilities include: St. Vincent's Hospital in Billings, Bozeman Deaconess Hospital in Bozeman, St. James Community Hospital in Butte, and Kalispell Regional Hospital in Kalispell.



Registry structure and methods
The MCTR is housed in the Montana State Department of Public Health and Human Services, Division of Public Health and Safety, Bureau of Chronic Disease Prevention and Health Promotion, Cancer Control Section. Financial support includes about 20% of the budget covered by State funds and about 80% of the budget covered by Federal support through the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR). MCTR staff include: 1 Cancer Epidemiologist, 1 Program Manager, 1 Administrative Support/Follow-up, and 2 Quality Assurance Technicians. Data collection is passive, with each facility responsible for abstracting and reporting its own cancer cases. MCTR staff do not abstract for any facility. The principal sources of information on cancer cases are hospitals, radiation centres and independent pathology laboratories. MCTR has access to all death certificates from the Office of Vital Statistics on a quarterly basis. Quality control procedures are being developed. Presently, the MCTR undergoes a casefinding, data quality, and timeliness audit by the CDC once every 5 years.

Interpreting the results
The population in Montana is growing and grew almost 10% in 2005. Prior to that, the population increased about 3% since the year 2000. Diagnostic and treatment facilities for cancer patients are increasing, and several cancer treatment facilities are seeking ACoS approval. Montana has breast and cervical cancer screening and a health assistance programme, and PSA testing is common in the population.

Use of the data
The MCTR publishes an annual report that presents topics on incidence rates, mortality rates, incidence by sites, stage at diagnosis, rates by counties, risk and associated factors, age-specific incidence rates, and ten-year trends. Data are used for individual requests for information and are used for cancer cluster investigations. The registry is not currently involved in epidemiological research beyond the production of routine statistics, but the Montana Comprehensive Cancer Program routinely uses our cancer registry data.

Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The
population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census.
http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

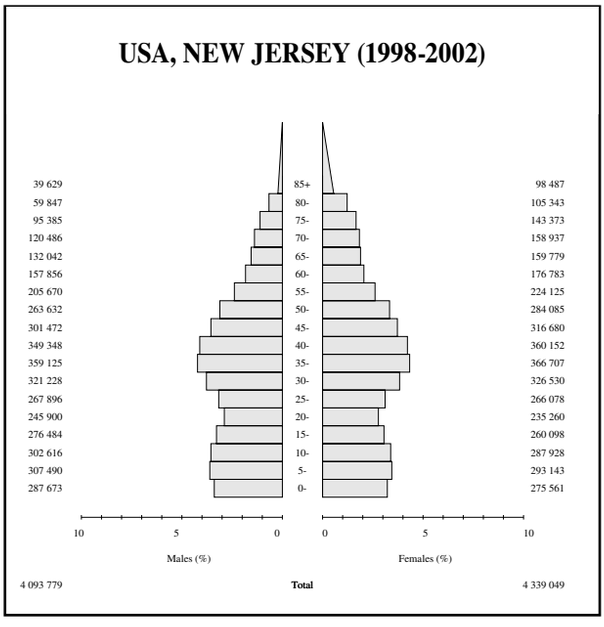
USA, New Jersey

Registration area

New Jersey is located on the east coast of the United States, bordered by the states of New York, Pennsylvania, and Delaware. In 2000, the population of the state of New Jersey comprised over 8.4 million inhabitants. Of these, 13.6% were African American, 13.3% were Hispanic and 5.7% were Asian. The median household income, according to the 2000 census, was US$55 146 (in 1999 dollars). Of the population over 16 years of age, 64.2% are in the labour force.

Cancer care facilities

A total of 76 in-state hospitals report to the registry on a monthly basis via e-mail to a secure, encrypted e-mail server. The proximity of New Jersey to prestigious cancer centres in neighbouring states attracts many residents to seek diagnosis and treatment outside the state. Over 10 000 case reports are received annually from out-of-state sources through reciprocal reporting agreements with other states.



Registry structure and methods

Cancer Epidemiology Services (CES) is located in the Division of Epidemiology, Environmental and Occupational Health Services. CES is financed by both state and federal sources, including the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR). There are 42 full-time equivalent staff working in the unit on cancer registry and cancer surveillance activities. Certified Tumor Registrars (CTRs) are employed in all aspects of the registry operations including data collection, quality assurance, reporting and analysis.

The majority of cases are reported by hospitals throughout the state. Abstracting, coding and data entry are conducted at the hospital level by CTRs directly from source records and reported electronically to the central office. All health care facilities are required by law to report cancer cases electronically within three months of discharge or six months of diagnosis or face a penalty. Hospitals are required to report all cases of cancer, regardless of in- or out-patient status. Reporting from non-hospital facilities accounts for a small but growing number of cases. The majority of non-hospitalised cases are reported by 16 independent pathology laboratories. Other sources include 117 surgery centres and 9 free-standing radiation treatment centres. Reports are also received from nursing homes, psychiatric facilities and rehabilitation facilities. Physicians and dentists are required to report non-hospitalised cases. Matching of the registry database with the Department's AIDS registry and the Breast and Cervical Cancer Early Detection Program have resulted in the identification of cases.

Quarterly record linkages are performed between the registry database and the state death file. A built-in death certificate match system links and updates cancer registry records with death information. Linkages are also performed with individual state tax return files, hospital discharge files, motor vehicle driver's license files, the federal Centers for Medicare and Medicaid Services, Social Security Administration, and National Death Index to obtain follow-up information.

Interpreting the results

New Jersey has Gold Certification Status from NAACCR. The data quality assurance programme is a continuous multi-faceted programme of checks and balances, performed by highly skilled CTRs with years of quality control experience. Other components include consistent application of computerised edits, systematic review of problem cases, re-abstracting and re-coding studies centred in hospitals, feedback and training programmes for hospital staff, documentation of policies and procedures, and case-finding audits.

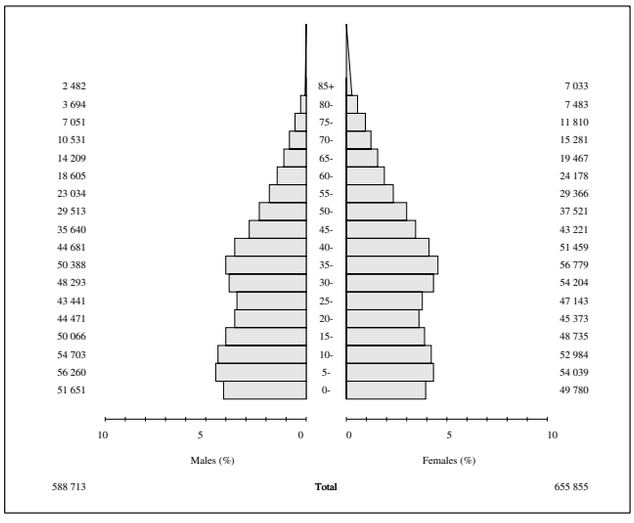
Definite and possible duplicates are electronically generated and resolved by staff. Computerised programs are used to identify multiple primary cancers for review.

Use of the data

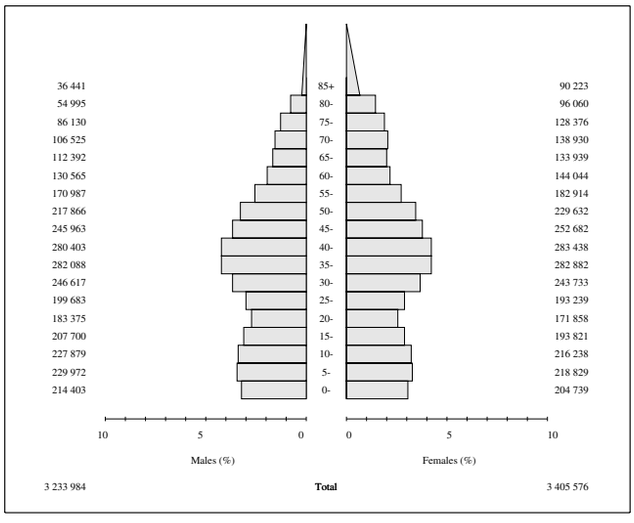
The Cancer Surveillance Program, staffed by epidemiologists and a statistician, monitors cancer incidence trends, disseminates data, and responds to citizens' concerns about cancer. The staff have published a variety of registry reports, including a report on trends in cancer incidence and mortality, cancer survival, cancer prevalence, an in-depth analysis of prostate cancer, breast cancer, colon and rectum cancer, and childhood cancer.

The data are employed in a wide range of activities including applications in cancer control and prevention, aetiological studies, policymaking, and epidemiological research. Registry data were also used to define baseline measures for the general and special populations in the state to establish public health objectives for the next decade.

USA, NEW JERSEY: BLACK (1998-2002)



USA, NEW JERSEY: WHITE (1998-2002)



Source of population
2000 Census of the United States, prepared by the US Bureau of the Census.

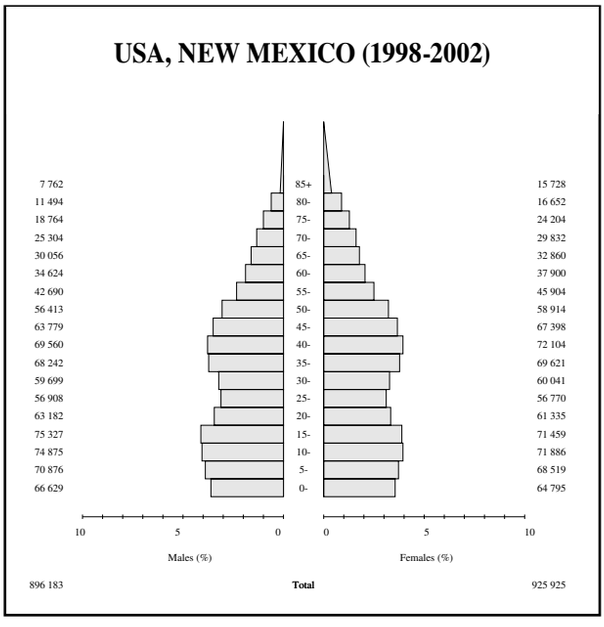
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, New Mexico

Registration area

With an area of 314 926 km^2, New Mexico is the fifth largest state in the USA. Located in the southwest of the country (latitude 30° to 37° N), it has extensive high desert and mountain terrain, the altitude ranging from 859 to 4010m above sea level. Rainfall and humidity are low.

Its population is about 1.9 million, of whom approximately one third live in the Albuquerque metropolitan area; the remainder live in small cities or in villages. The population come from diverse ethnic backgrounds: 42% have Spanish and/or Mexican-American heritage (Hispanics); 9.5% are American Indians (Navajo, Pueblo, Apache); 1.9% are Black; about 1% are Asian; the remaining 45% are non-Hispanic white of European descent. A sizeable subgroup of New Mexico's Hispanic population traces its ancestry to Spanish soldiers and colonists who settled in New Mexico during the 17th and 18th centuries. Median levels of education and per capita income are in the lowest decile of the 50 states.



Cancer care facilities

An overwhelming majority of cancer patients in New Mexico are diagnosed and treated at one or more of seven medical facilities that support cancer programmes accredited by the American College of Surgeons. Cancer-related care is also provided by several private oncology and radiation-oncology practices affiliated with the latter medical facilities. Some New Mexico residents receive cancer-related care in neighbouring states; the registry has longstanding agreements with central cancer registries in all bordering states to routinely receive reports on diagnosis or treatment of New Mexico residents.

Registry structure and methods

Cancer reporting has been required (but not enforced) by a State Health Agency regulation since 1922. The New Mexico Tumor Registry, located at the University of New Mexico Cancer Research and Treatment Center in Albuquerque, began operation in 1966 and became the official cancer data repository for the State Health Agency in 1975. Registry funding initially came from the New Mexico Regional Medical Program and since 1973 primarily from the National Cancer Institute's Surveillance, Epidemiology, and End Results (SEER) Program.

The registry abstracts and follows all cases of known malignancy. Multiple primaries are counted separately by assigning sequence numbers within the records of individual patients. Patients entered into the registry system are followed for life.

Some of the larger hospitals employ tumour registrars, and abstractors from the central registry travel to other hospitals and clinics throughout the state to review and abstract cancer patient records. The majority of the registry's cases are registered from hospital admission and outpatient records. Other methods of casefinding are used to obtain information on cancer cases not seen in reporting hospitals. Radiation therapy records and death certificates are reviewed regularly.

Medical chart data are entered directly onto diskettes using a software package assembled locally, allowing collection of supplemental data items of special interest to individual hospitals and physicians. It also allows each hospital to analyse its own 30+ year complete dataset and to compare it with a statewide analytical dataset. Data from the abstractors' diskettes are edited, linked and merged into the master file.

Abstracted cases are reviewed for thoroughness and accuracy. The file is ordered by the computer-generated accession numbers, but can be sorted by any item of data. Numerous routine crosschecks are made to eliminate duplicate cases.

Interpreting the results

Cancer surveillance in New Mexico is conducted according to prevailing standards promulgated by the SEER Program and the North American Association of Central Cancer Registries (NAACCR). As such, the data have been subject to the same changes in definitions and coding as other registries that abide by SEER and NAACCR standards. The Registry's geographic area of coverage has remained constant since it initiated statewide coverage in 1969.

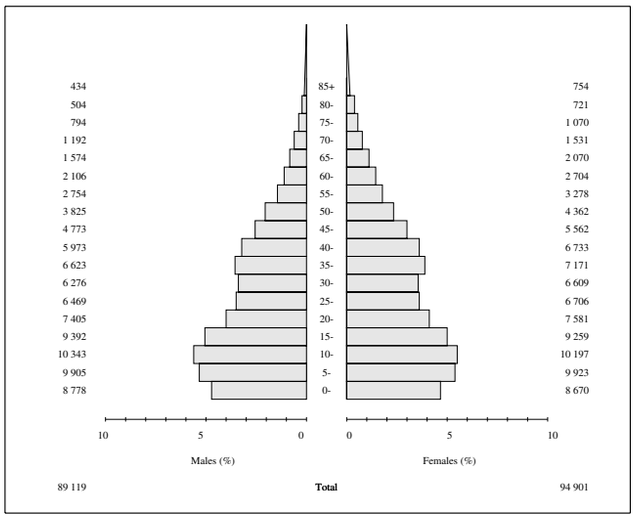
Because incidence rates vary by cancer primary site among the State's three largest racial/ethnic groups, New Mexico data must not be considered in aggregate, that is, without stratification by race/ethnicity. Descriptive epidemiological analyses have shown that Hispanics and American Indians have lower rates than the non-Hispanic white population for skin, breast, endometrium, lung and colorectal cancers, and higher rates for stomach, uterine cervix, kidney and gallbladder cancers.

Use of the data

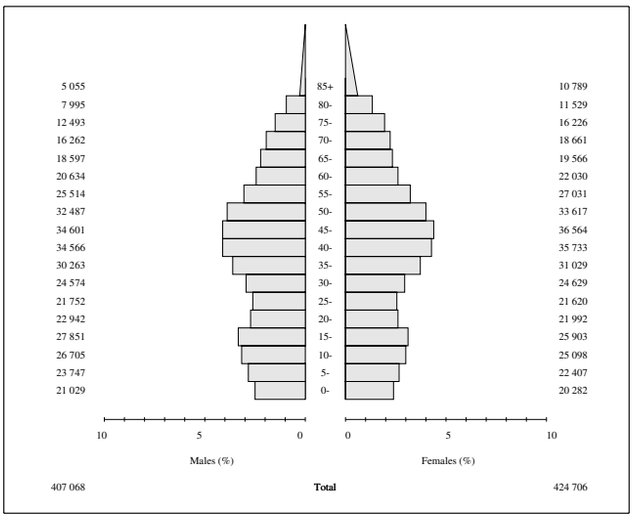
Periodic reports are sent to participating hospitals and individual physicians. The registry also handles over 100 special requests for cancer data annually. The registry has been a casefinding source for a variety of population-based case–control studies relating to cancer etiology. It has also been used to monitor patterns of cancer care and survival in relation to factors such as ethnicity, age and marital status.

The development of new techniques for investigating molecular and cellular changes in preserved tissue specimens has created requests for the registry to help select cases that have documentation of different clinical courses and outcomes.

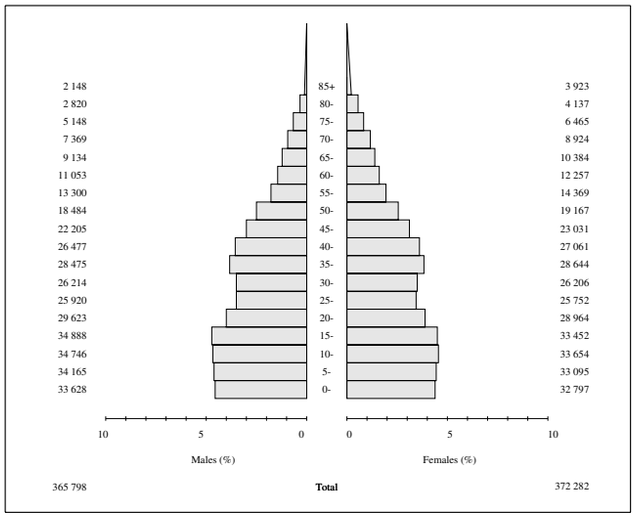
USA, NEW MEXICO: AMERICAN INDIAN (1998-2002)



USA, NEW MEXICO: NON-HISPANIC WHITE (1998-2002)



USA, NEW MEXICO: HISPANIC WHITE (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census.

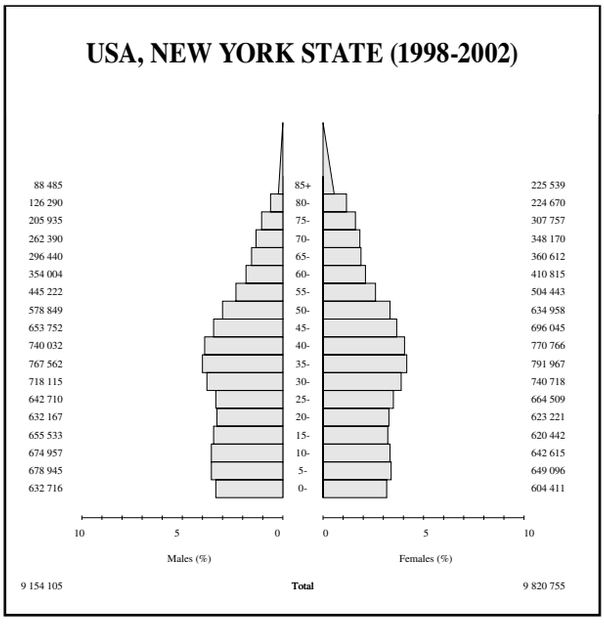
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, New York State

Registration area

The New York State Cancer Registry (NYSCR) contains reports on all malignant tumours (except basal cell and squamous cell skin cancers), most *in situ* lesions, and certain benign tumours. The Registry, the second oldest state tumour registry in the United States, has had mandated cancer reporting since 1940, when the registration area covered the entire state except New York City. Beginning in 1973, the reporting mandate was extended to include New York City. The Registry has been population-based since 1976.

The population of New York State was 18 976 457 in the year 2000, according to the U.S. census; the estimated population for 2004 is 19 227 088. In 2000, about 90% of the population lived in metropolitan areas; 62% were Non-Hispanic Caucasians, 16% were African-Americans, 15% were Hispanics (of any race), 0.4% were American Indians and 5.5% were Asians (including Pacific Islanders).



Cancer care facilities

Residents of New York State have access to more than 250 acute-care hospitals, including 22 Community Hospital Comprehensive Cancer Care facilities located throughout the State and three National Cancer Institute-designated Comprehensive Cancer Centers. In addition, many freestanding healthcare facilities and private physicians diagnose and treat cancer. There are 54 Ambulatory Surgery Centers and 12 Veterans Administration Hospitals that also provide cancer services.

Registry structure and methods

The Registry is located within the New York State Department of Health (NYSDOH), and is funded partly by the NYSDOH and partly by the National Program of Cancer Registries. The Registry has a director, field staff, coding staff, quality assurance staff, research scientists, computer programmer analysts, and geo-coding and secretarial support staff; 22 staff members are Certified Tumor Registrars.

Law mandates cancer reporting with full personal identifiers. The NYSCR uses passive notification of reports from more than 300 sources including hospitals, pathology and cytology laboratories, radiation treatment centres, ambulatory surgery centres, and state vital records. Data are received electronically in the NAACCR (North American Association of Central Cancer Registries) format and are mostly pre-coded. Many quality checks, including single field range and validity edits as well as interfield edits, are routinely applied to the data and much time and effort are devoted to elimination of duplicate case reports.

New York State law mandates reporting of mortality, and death certificates are electronically matched against Registry files. Cancer deaths not previously reported to the Registry are followed back to hospitals and physicians for complete diagnostic information. To further assure complete reporting, cases diagnosed and/or treated in 16 other states are identified through reciprocal reporting agreements.

In order to provide detailed geographic information for cancer surveillance and cancer mapping, attempts are made to geo-code the addresses of all cancer cases to the county, postal code and census block level.

In order to evaluate the quality and completeness of cancer reporting, the Registry conducts routine audits at hospitals throughout the state. Staff from the Field Services Unit also compare the number of cases reported to the number of cancer-related hospital discharges for consistency. Results are used to target the location and content of statewide educational and training programs.

Interpreting the results

The registration area for the Registry has been constant since 1973. Although no new class of sources of cancer case reports was added during 1998–2002, ambulatory surgery centres have been added as sources more recently.

Changes in cancer screening patterns have had a large impact on the number of cancer cases diagnosed in New York State. According to the Behavioral Risk Factor Surveillance System telephone survey, the percentage of persons aged 50 years or older who ever had colorectal cancer screening grew from 56.6% in 1996 to 67.8% in 2002. By 1997 (the most recent available data), 74.6% of New York women aged fifty or older had had a mammogram and clinical breast exam within the previous two years; 77% of men aged fifty or older had ever had a prostate specific antigen (PSA) test.

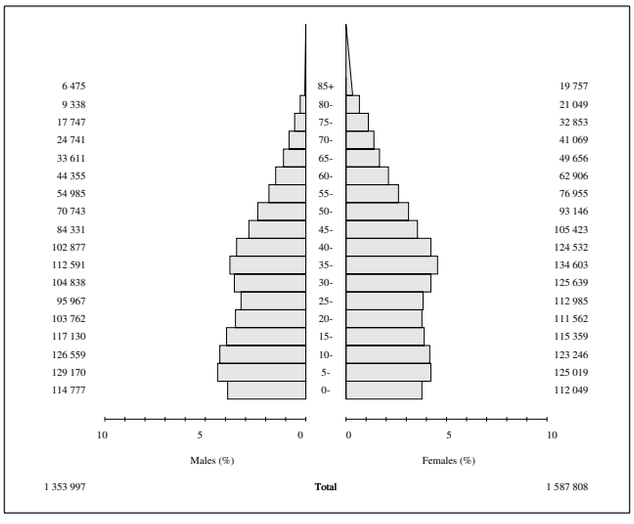
Use of the data

The Registry prepares an extensive annual report of cancer incidence and mortality. The most frequently requested tables are produced in a printed volume, whereas the entire report is available on our Web site: http://www.health.state.ny.us.

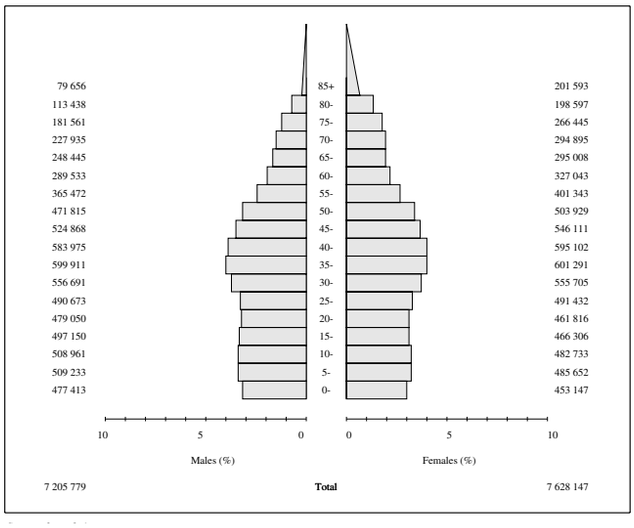
Within the New York State Department of Health, Registry data are used extensively for cancer surveillance and for program planning. The Cancer Surveillance Program has access to the database for use in investigating possible cancer clusters and addressing community concerns. The Cancer Screening Research and Evaluation unit uses Registry data for programme evaluation, targeting and prioritisation. The Health Department provides cancer education and awareness programs and funds screening for breast, cervical and colorectal cancer for under- or uninsured individuals.

Cancer Registry data are routinely provided to other organisations within the state for planning and evaluation of health services, grass-roots advocacy, and generating etiologic hypotheses. In addition, the Registry is utilised by researchers nationwide for a variety of epidemiological studies.

USA, NEW YORK STATE: BLACK (1998-2002)



USA, NEW YORK STATE: WHITE (1998-2002)



Source of population

Modified Census and census estimates: NCI modification of U.S.Census Bureau population estimates. See http://seer.cancer.gov/popdata/

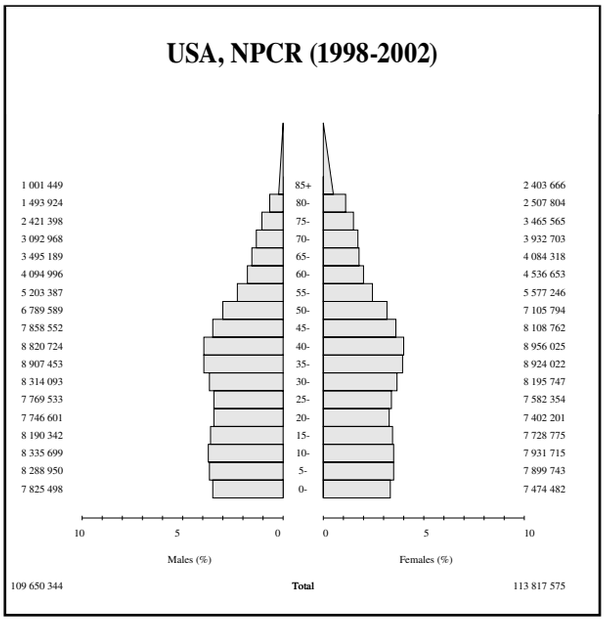
Multiple primary rules used

IACR rules (2004) on historical data.

USA, National Program of Cancer Registries (NPCR)

Registration area

The United States Centers for Disease Control and Prevention (CDC) provides financial and technical support to Public Health Departments (or their designees) for the operation and maintenance of population-based cancer registries in 45 states, the District of Columbia and 3 US territories (Palau, Puerto Rico, and Virgin Islands): 27 to collect data for cases diagnosed beginning in 1995; 13 to collect data for cases diagnosed beginning in 1996; 4 to collect data for cases diagnosed beginning in 1997; and the remaining 5 to collect data for cases diagnosed either beginning in 1999 or 2000. The remaining 5 states—Connecticut, Hawaii, Iowa, New Mexico, and Utah—receive federal support from the National Cancer Institute's (NCI) Surveillance Epidemiology and End Results (SEER) Program. In addition, SEER supports metropolitan area cancer registries in the states of California, Georgia, Michigan and Washington. These metropolitan area registries report their incidence data both to the National Cancer Institute and to the statewide NPCR-funded cancer registries and, thus, these data are included in the NPCR statewide database. The NPCR programme covers 96% of the US population. In 2000, SEER began to provide support for the operations of cancer registries in California, Kentucky, Louisiana and New Jersey. These four registries report their incidence data to both CDC and NCI.



To be eligible for inclusion in this volume of *Cancer in Five Continents*, NPCR-funded cancer registries had to consent and had to report data that met stringent criteria for incidence reporting as established by CDC (see below). Incidence data from 31 cancer registries reported to CDC as of January 2005 (Alabama, Alaska, Arizona, California, Colorado, District of Columbia, Florida, Georgia, Idaho, Illinois, Indiana, Kentucky, Louisiana, Maine, Massachusetts, Michigan, Missouri, Montana, New Jersey, New York, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, Texas, Vermont, Washington, West Virginia, Wisconsin), covering 83% of the U.S. population, met these criteria and are included. Each registry is featured separately in this report.

Registry structure and methods

Participating cancer registries transmit data to CDC using a standardised record layout and coding system documented by the North American Association of Central Cancer Registries. The data files are updated annually beginning with the diagnosis year for which the cancer registry first received federal support (e.g. 1995 or later). Reportable cases include all malignant and in situ neoplasm as defined in ICD-0, excepting most non-melanoma skin cancers and in situ cervical cancer. Neither the patient's name nor the name of the reporting facility is provided to CDC. Upon arrival at CDC, the data undergo evaluation prior to publication and use.

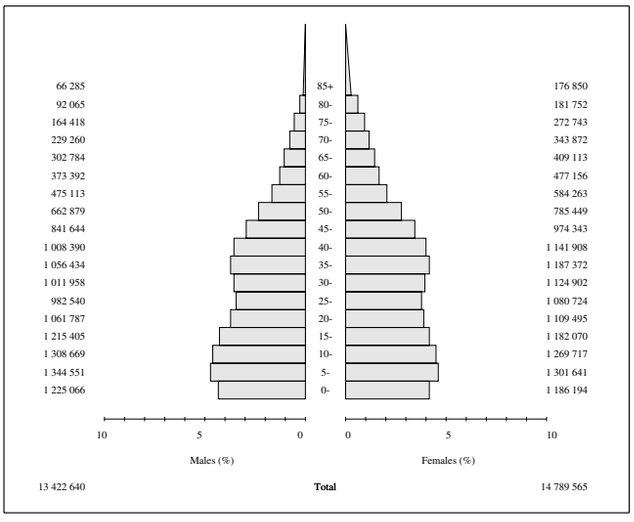
Data included in this report are from statewide or metropolitan area cancer registries that have high quality cancer incidence data for 1998–2002 as demonstrated by meeting the following data quality criteria for all cancer sites combined:

- Case ascertainment is 90% or more complete. The registry data include at least 90% of the expected cases where the expected cases are estimated by using methods developed by the North American Association of Central Cancer Registries.
- No more than 5% of cases are ascertained solely on the basis of a death certificate.
- No more than 3% of cases are missing information on sex.
- No more than 3% of cases are missing information on age.
- No more than 5% of cases are missing information on race.
- At least 97% of the registry's records passed a set of single-field and inter-field computerised edits.

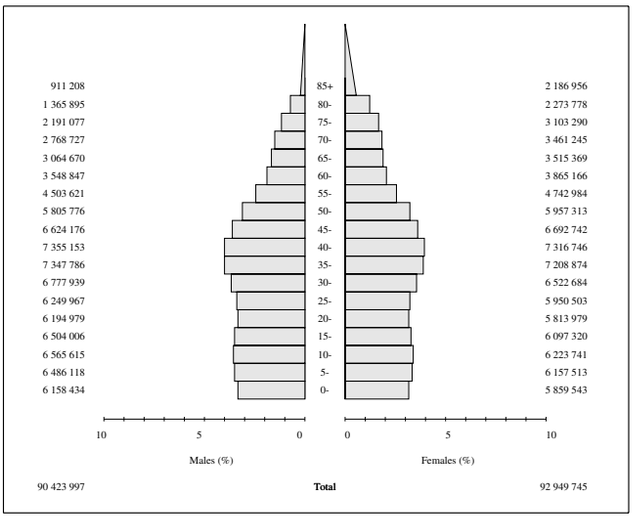
Use of the data

CDC and NCI annually publish the *United States Cancer Statistics* report, beginning with cases diagnosed in 1999 forward. These federal cancer statistics are also made available to the public and cancer control planners through public use and restricted access data sets. In addition, several monographs and reports on special topics have been published.

USA, NPCR: BLACK (1998-2002)



USA, NPCR: WHITE (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census. http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Ohio

Registration area
Ohio's cancer registry covers a population of over 11 000 000 residents. The state has large metropolitan areas of over 1 000 000 as well as rural areas. Manufacturing, agriculture, and business are all important factors in Ohio's economy and play roles in the lifestyles of Ohioans.

Cancer care facilities
Ohio has two National Cancer Institute designated Comprehensive Cancer Centers: Case Western Reserve University in Cleveland and The Arthur G. James Cancer Hospital in Columbus. The state has over 160 other hospitals, most of which offer cancer treatment services.

Registry structure and methods
The registry, established by Ohio law in 1991, is in the Ohio Department of Health and is funded by the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR) and by the State of Ohio.

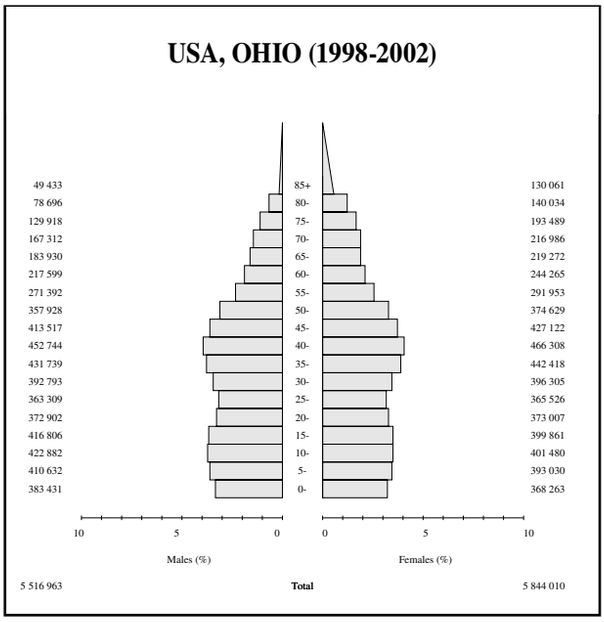
Staff include 13 cancer registrars, four administrative staff, and two IT staff members.

Cancer data are reportable by law for all who diagnose and/or treat cancer patients, including pathology laboratories. Some data are submitted on paper, but increasingly data are submitted in electronic formats, either on diskettes or via email in encrypted files. The OCISS recently opened a Web-based system for reporting and is enrolling the larger reporting sources to use it at this time. This is the mode of reporting that the registry is promoting, as it automates much of the processing of data as they are submitted.

Principal sources of information on cancer cases are the hospitals, free-standing radiation centres, and ambulatory surgery centres. Physicians' offices and pathology laboratories also report data. The pathology laboratories are seen as increasingly good sources of initial cancer data as electronic means for them to report are developed.

Death certificates are available for the death clearance procedures that are performed annually. The Bureau of Vital Statistics, where the death certificates are housed, is a part of the Department of Health, where the Registry is housed.

Automated editing processes are part of the database software used by the Registry and of the Web-based reporting system recently put into operation. Quality control procedures are attended to on a daily basis by OCISS registrars. Evaluation of data by two national organisations each year also comprises part of quality control.

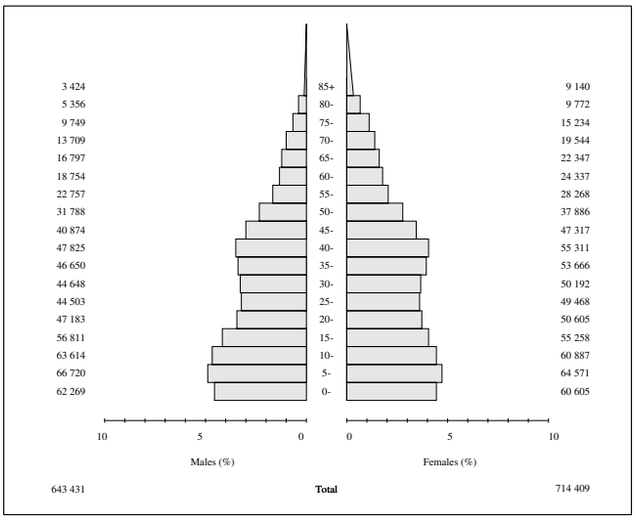


Use of the data
Reporting of incidence, extent of disease, survival: The registry produces an annual report and posts data in the Data Warehouse at the Ohio Department of Health's website. In addition, several "fact sheets" are published each year for different types of cancers. These are available on the registry's website or in paper form. Data are also submitted to the National Program for Cancer Registries and to the North American Association for Central Cancer Registries, both of which publish annual reports and post data to web sites.

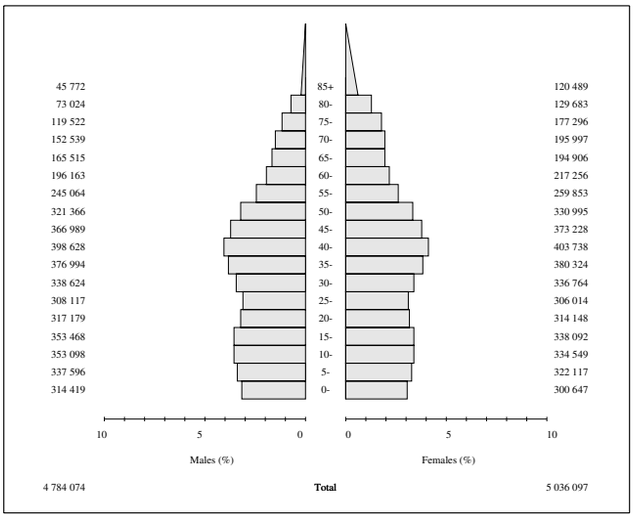
Research use: Registry data are accessed by researchers several times each year, often including Institutional Review Board approvals for confidential data.

Planning and evaluation of heath services: Local health departments use registry data to perform surveillance studies and to support funding efforts to provide screening and other cancer-related services.

USA, OHIO: BLACK (1998-2002)



USA, OHIO: WHITE (1998-2002)



Source of population

July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census. http://www.seer.cancer.gov/popdata.

Multiple primary rules used

IACR rules (2004) on CI5 IX period.

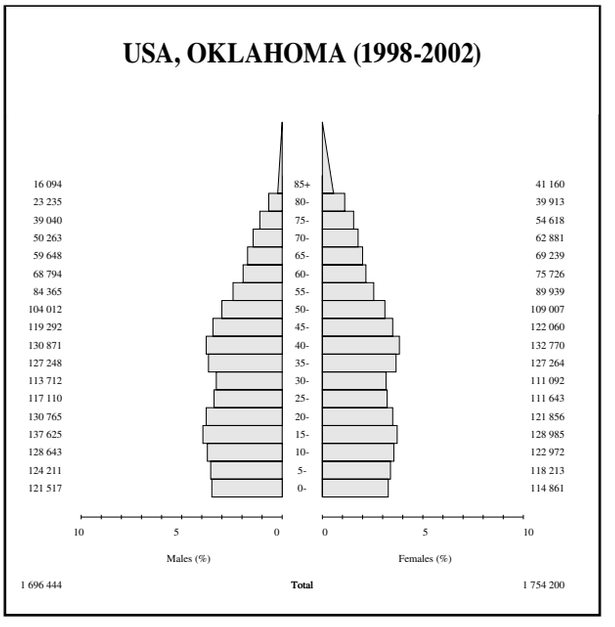
USA, Oklahoma

Registration area
The Oklahoma Central Cancer Registry covers the population of 77 counties within the state of Oklahoma, in the central United States. The population at the most recent census (2000) was 3 450 654. About 65% of the population lives in urban areas (>2 250 000 inhabitants).

Cancer care facilities
General health care in the state is provided predominantly by private practitioners and hospitals. This includes 17 facilities that have been designated as Approved Cancer Programs by the American College of Surgeons Commission on Cancer.

Registry structure and methods
The registry is located within the Oklahoma State Department of Health, and is funded partly by the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR), and partly by the state health department. The registry is staffed by a surveillance coordinator, nine full-time registrars, an administrative assistant and a part-time epidemiologist.

The OCCR utilizes automated data collection via electronic media to receive an average of 31 000 cancer reports per year from approximately 230 active sources of data such as cancer hospitals, general hospitals, teaching hospitals, pathology laboratories, freestanding oncology centres, mammography centres, ambulatory surgery centres, Indian Health facilities, some dermatologists' and urologists' offices, and the vital statistics office of the Oklahoma State Department of Health, along with data sharing with surrounding states. Registrars within individual facilities involved in diagnosis and treatment of cancers identify and abstract information on cases of cancer, diagnosed by all methods, among residents of the state.



Interpreting the results
OCCR is obtaining 96% of the incident cancer cases in Oklahoma each year, of which 2% are Death Certificate Only cases. An additional 4% is believed to be diagnosed and/or treated but not reported to OCCR, or may be attributable to error in the method of estimating completeness.

Use of the data
OCCR publishes a quarterly report of Chronic Disease Service Data Analysis, or an article focussing on a specific topic around cancer important for Oklahoma. Data are presented to interested groups, including but not limited to Comprehensive Cancer, Indian Health Services, College of Public Health, and the Oklahoma State Legislature, and OCCR has instituted and maintains a queryable cancer data website (http://www.health.ok.gov/stats/cancer/).

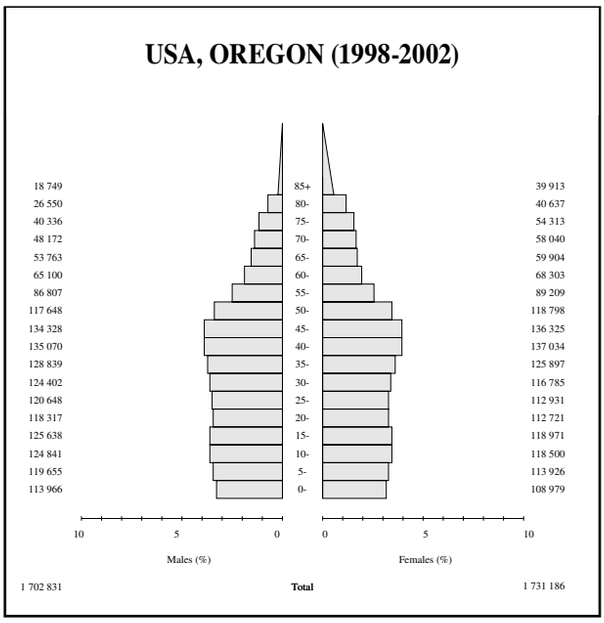
Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census. http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Oregon

Registration area
The Oregon State Cancer Registry (OSCaR) is a population-based registry covering the state of Oregon. Oregon, located in the northwestern United States, is about 360 miles long and 261 miles wide. The population in the 2000 census was 3 421 399 and is estimated to have increased to 3 594 586 by 2004. About 70% of the population lives in urban areas. The racial make-up is approximately 87% White, 3% Asian, 1.6% Black and 1.3% American Indian/Alaska Native (approximately 7% are some other race or two or more races).

Cancer care facilities
Cancer care in the state is provided predominantly by 56 hospitals. Of these, 18 have American College of Surgeons Commission on Cancer-approved cancer programs. Additional services are provided at ambulatory surgery centres, freestanding cancer treatment facilities, physicians' offices and clinics around the state.



Registry structure and methods
The registry is located within the Health Promotion and Chronic Disease Prevention section of the Oregon Department of Human Services, along with the Oregon Breast and Cervical Cancer Early Detection Program and the Oregon Comprehensive Cancer Control Program. Funding for the registry comes through a cooperative agreement with the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR). The program manager, one office-support staff, five certified cancer registrars and three research analysts staff the registry.
Information processed by OSCaR comes from a variety of sources including: hospital cancer registries, state cancer registries, ambulatory surgery centres, physician offices, vital statistics, pathology laboratories, hospital medical record departments and the US Census Bureau. Approximately 75% of Oregon's cancer cases are collected by certified tumour registrars (CTR) in established hospital cancer registries and are reported to OSCaR. The statewide population-based cancer registry collects the remaining 25% from non-registry hospitals, outpatient clinics, physician offices, and neighbouring state registries diagnosing or treating Oregon residents. The annual process of death clearance identifies missed cases by comparing the Registry database with Oregon death certificates. The majority of cases identified through death clearance are subsequently reported by one of the above-mentioned sources. Remaining cases are recorded as death certificate only cases.

Interpreting the results
OSCaR consistently exceeds the NPCR standard of ascertaining 95% of expected cases based on the North American Association of Central Cancer Registries case completeness calculation.

Use of the data
The registry prepares an annual report of cancer incidence and mortality highlighting cancer risks, screening and trends. Other cancer control programmes use registry data for planning and evaluation. The registry also collaborates with local and national researchers on a variety of special studies designed to reduce the burden of cancer in Oregonians.

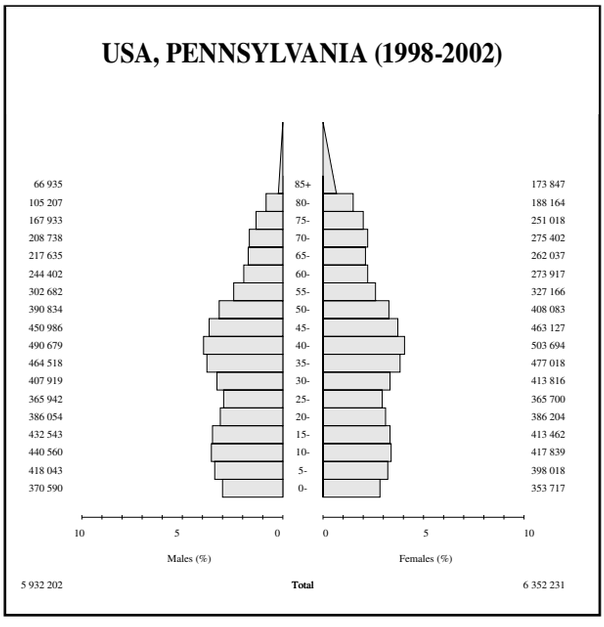
Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census.
http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Pennsylvania

Registration area

The Pennsylvania Cancer Registry covers the population of the entire state and has been collecting statewide cancer data since 1985. In Pennsylvania, racial categories other than White made up 13.5% of the total population in 2004, compared to 11.5% in 1990, 9.6% in 1980, and 9.0% in 1970. Of the 1 674 223 residents other than White in 2004, 77.7% identified themselves as Black. The number of Asian/Pacific Islanders in the state increased by 9.2% between 2000 and 2004, and by 77% between 1990 and 2004. The number of black residents increased by 6.3% between 2000 and 2004, and by 19.4% between 1990 and 2004. The number of Hispanics in Pennsylvania increased by 81 464 (20.7%) between 2000 and 2004. Between 1990 and 2000, the number of Hispanic residents increased by almost 70%. Pennsylvania Hispanics tend to be much younger than white, black or even Asian/Pacific Islander residents. The 2004 median age for Hispanics was 24.9, compared to 31.7 for Asian/Pacific Islanders, 31.1 for Blacks, and 39.9 for Whites.



Cancer care facilities

Cancer cases are reported by all acute care hospitals in Pennsylvania. Interstate data exchange is conducted regularly with all contiguous states as well as Florida and Michigan. Other non-hospital sources where patients are diagnosed or treated for cancer also report to the PA Cancer Registry, including freestanding pathology laboratories, radiation therapy centres and physicians' offices.

Registry structure and methods

The PA Cancer Registry operates in the Pennsylvania Department of Health, and is funded by the state and the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR).

Fifteen staff work directly on PA Cancer Registry operations (8/15 are CTRs); two additional statistical support staff generate cancer reports and statistics; 1 IT staff provides computer support; 1.5 epidemiologists perform analysis of cancer data.

The PA Cancer Registry uses the CDC Registry Plus cancer data system; uses active casefinding from all reporting sources and passive follow-up through death clearance. PA Cancer Registry has received NAACCR Gold Certification for approximately six years.

Principal sources of information on cancer cases include acute care hospitals, freestanding pathology laboratories, radiation therapy and cancer centres, physicians' offices, and death certificates.

Death certificate files (with personal identifiers) are used annually to conduct death clearance by linking to update existing cancer cases with death information, and by identifying cancer deaths not included in the registry.

Cancer is a reportable disease in Pennsylvania as mandated by the Pennsylvania Cancer Control, Prevention, and Research Act (Act 224) and Department of Health Regulations regarding communicable and non-communicable diseases. According to Act 224, information collected by the Cancer Registry is confidential but can be used for medical research as approved by the PA Department of Health Policy.

The PA Cancer Registry uses national and local edits metafiles to edit data to meet national and local standards; conducts casefinding and re-abstracting audits at reporting hospitals; performs special studies to check data and identify potential quality issues used to improve data and train staff; and requests feedback from data users to improve data and increase usability of data.

Interpreting the results

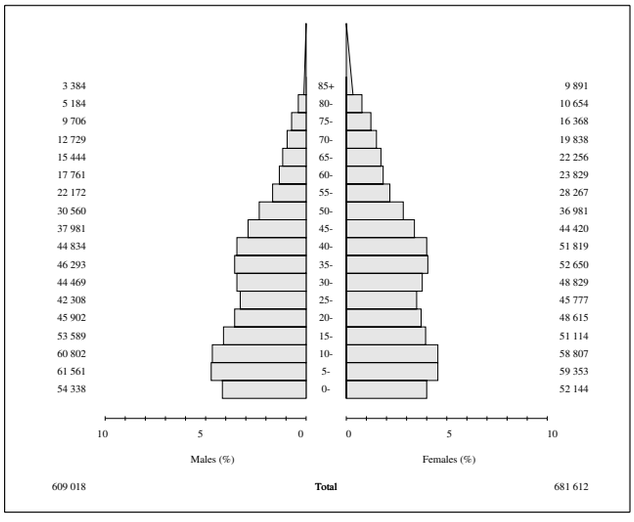
There has been a shift in diagnosis and treatment of certain types of cancer from inpatient to outpatient facilities. The only recent change in case definition and coding is the addition of benign brain and CNS tumours to reportable diagnoses effective in 2004. Pennsylvania participates in the CDC Breast and Cervical cancer screening program.

In the 2004 Behavioral Risk Factor Surveillance System (BRFSS) survey, 78% of Pennsylvania men aged 50 and older said that they had ever had a prostate-specific antigen blood test to detect the presence of prostate cancer.

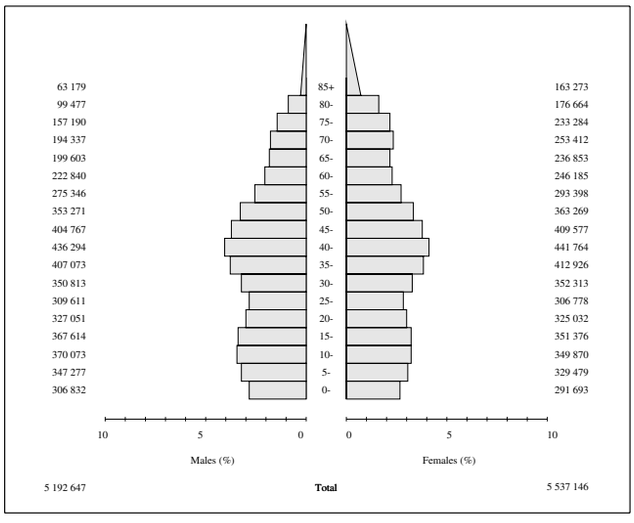
Use of the data

Incidence, extent of disease, and survival data are produced and made available on PA Department of Health website at www.health.state.pa.us/stats. Cancer data are used for medical research studies as approved by the PA Department of Health, and we receive numerous requests for hospital-specific data, which is used to evaluate their services.

USA, PENNSYLVANIA: BLACK (1998-2002)



USA, PENNSYLVANIA: WHITE (1998-2002)



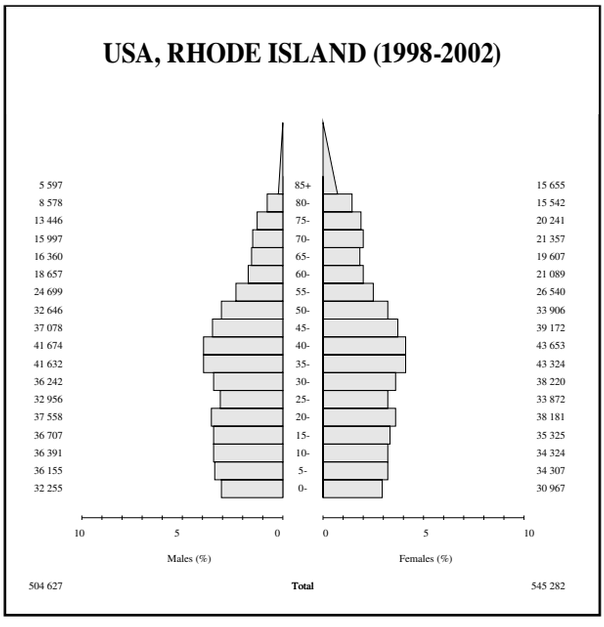
Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census. http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Rhode Island

Registration area
The Rhode Island Cancer Registry, an administrative unit of the Rhode Island Department of Health (RIDOH), covers the population of the State of Rhode Island and Providence Plantations in the Northeastern region of the United States. The population at the most recent census (2000) was 1 048 000. About 85% of the population lives in urban areas; roughly 10% are of recent immigrant status.

Cancer care facilities
General health care in the region is provided by 10 privately funded acute care hospitals, one federally funded acute care (veterans') hospital, 25 community health centres (for primary care), and several hundred private physician offices (for primary and specialty care). All eleven hospitals provide cancer care; all have Cancer Care Committees. Nine of the eleven acute care hospitals have American College of Surgeons-approved cancer programs. In addition, the state is served by two freestanding radiotherapy centres.



Registry structure and methods
The Rhode Island Cancer Registry (RICR) is a population-based cancer registry established in 1985. It began collecting reports of newly diagnosed cancers on 1 October 1986. Under Rhode Island law, all newly diagnosed cases of cancer and of benign tumours of the brain and central nervous system are reportable to the Rhode Island Cancer Registry. The Registry is funded by the State and by the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR). It is run collaboratively by the Rhode Island Department of Health (HEALTH) and the Hospital Association of Rhode Island (HARI). There are 5 persons employed: a Registry Manager, 2 Registrars (CTR), a Data Manager and an epidemiologist. The profile of the principal sources of information are as follows: 85–90% of case reports are received from 11 acute care hospitals; ~10% of case reports are "developed" from pathology reports; ~5% of case reports are "developed" from death certificates (1–2% "death certificate only" cases).

In Rhode Island, all cancer registries (including 11 hospital-based tumour registries and the central registry) conform to data collection standards adopted by the American College of Surgeons (*FORDS)*. Data are transmitted electronically from hospital registries and other reporting sources to the central registry and vice versa. The Rhode Island Cancer Registry is a member of the North American Association of Central Cancer Registries (NAACCR), and conforms to NAACCR standards for central registry operations, including data reporting, editing and transmission.

Interpreting the results
Data from the Rhode Island Cancer Registry have consistently met NAACCR quality control standards for inclusion in national and international aggregates of cancer incidence. Reporting completeness exceeds 95 %, with less than 3% of cases being reported on the basis of death certificates only (DCO). During the 1990s, Rhode Island experienced surges in screening for cancers of the breast (clinical breast exam and mammogram), cervix (pelvic exam and Pap test), colon-rectum (faecal occult blood and endoscopy), and prostate (PSA), resulting in increases in the incidence of cancers of the breast, cervix and prostate, and a decrease in the incidence of cancer of the colon-rectum (because of the removal of pre-cancerous lesions).

Rhode Island is a highly urbanised state, best compared with highly urbanised areas such as cities. Historically, Rhode Island has had an "urban cancer profile," with higher incidence of cancers related to tobacco and alcohol use, cancers related to diet, and cancers of the female breast and of the prostate.

Use of the data
The Registry produces official cancer statistics for Rhode Island, including an annual report posted on the RIDOH website, and also supplies cancer data to researchers (strict guidelines are used to protect patient confidentiality so that individuals cannot be identified). Special studies are performed regularly to support the planning and management of cancer control efforts in the state, and also to assist with environmental health risk assessments.

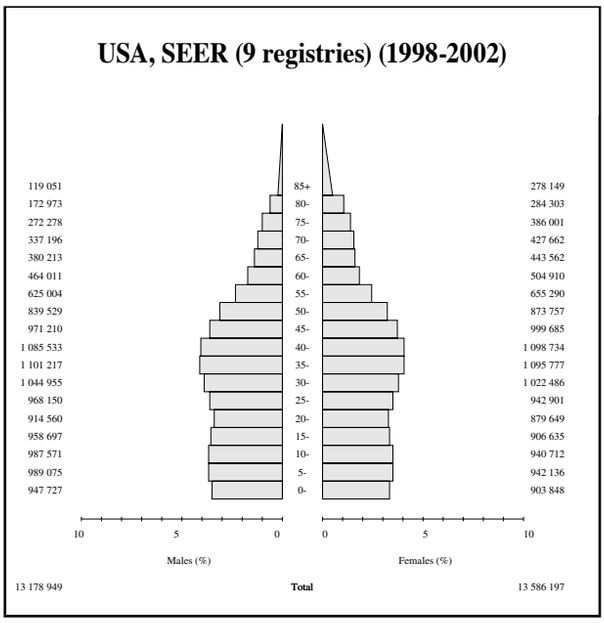
Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census.
http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, SEER

Registration area

Participants in the Surveillance, Epidemiology, and End Results (SEER) Program were selected on the basis of their ability to operate and maintain a population-based cancer reporting system and for their population sub-groups, which were of special epidemiological interest. The SEER Program now covers over one fourth of the United States (US) population. Data are available back to at least 1975 from the SEER 9 areas (States of Connecticut, Iowa, New Mexico, and Utah and metropolitan areas San Francisco-Oakland (California), Detroit (Michigan), Seattle-Puget Sound (Washington), and Atlanta (Georgia)), which represent about 10% of the total US population. The SEER 14 areas (States of Connecticut, Iowa, New Mexico, Utah, Kentucky, New Jersey, and Louisiana and metropolitan areas Greater California (San Francisco-Oakland and San Jose-Monterey) (California), Los Angeles (California), Greater California (California excluding SF/SJM/LA), Detroit (Michigan), Seattle-Puget Sound (Washington), and Atlanta plus Rural Georgia (Georgia)) cover 26.1% of the US population. The data are considered fairly representative of the US population with respect to selected demographic variables. With regard to race, rural blacks are under-represented, whereas other minority populations such as Chinese, Japanese, Hawaiians and American Indians are over-represented. Over 350 000 new cases of *in situ* and invasive cancers are added each year to the SEER database. In addition to contributing to SEER, many of the SEER areas report data separately for their own registry in this volume.



Registry structure and methods

The SEER Program is a continuing project of the Surveillance Research Program of the US National Cancer Institute (NCI). The Program was initiated in 1973 as an outgrowth of the End Results Program and the three National Cancer Surveys and The National Cancer Act of 1971, which mandated the collection, analysis and dissemination of data useful in the prevention, diagnosis and treatment of cancer. The participating regions were selected principally for their ability to operate and maintain a population-based cancer reporting system and for their epidemiologically significant population subgroups.

The Program aims to determine the incidence and survival of cancer in selected geographical areas in relation to demographic and social characteristics of the population and to estimate annual cancer incidence for the US. Trends in incidence by site and histology are monitored, as are survival and trends in survival. Studies are conducted to identify etiological factors that can possibly reveal groups of the population at high or low cancer risk, which may be defined by social, occupational, environmental, dietary or other characteristics. Geographical information systems are developed for use with SEER and other population-based central cancer registries in the USA through linkage with small area demographic census data and national surveys on health behaviours, risk factors and environmental exposures for use in cancer control and surveillance research.

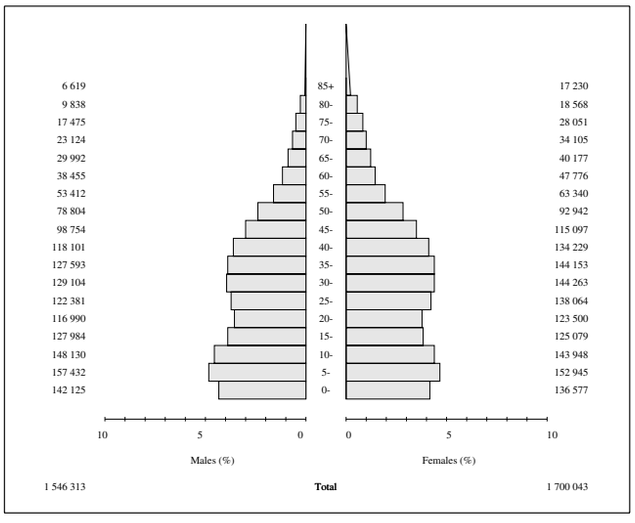
Data for publication are transmitted by the participants to NCI 22 months after the end of each calendar year. All malignant and *in situ* neoplasms as defined in ICD-O are collected except for basal and squamous skin cancers since 1973, *in situ* and CIN III of the cervix uteri since 1996, and PIN III since 2001. SEER registries must collect information about extent of disease, first course of therapy, and follow-up. Neither the patient's name nor the name of the hospital is provided to NCI.

The SEER Program conducts studies to evaluate quality and completeness of data, and provides specialist training for personnel.

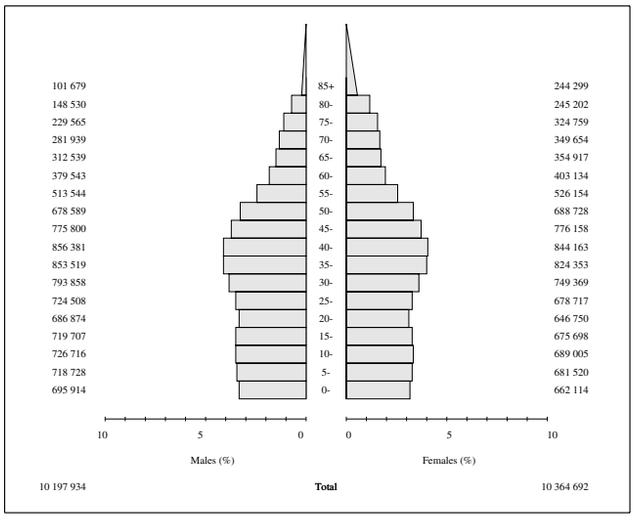
Use of the data

Updated annually and provided as a public service in print and electronic formats, SEER data are used by thousands of researchers, clinicians, public health officials, legislators, policymakers, community groups, and the public. Each year since 1985, the NCI has published a 'SEER Annual Cancer Statistics Review' (www.seer.cancer.gov/publications), which comprises principally SEER cancer incidence and survival data, and cancer mortality data from the National Center for Health Statistics. In addition, data are made available on the SEER home page (www.seer.cancer.gov) and via SEER*Stat software on a client-server and CD-ROM.

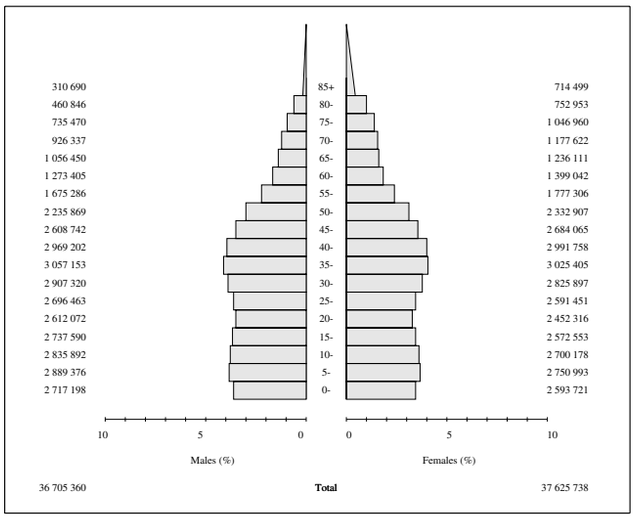
USA, SEER (9 registries): BLACK (1998-2002)



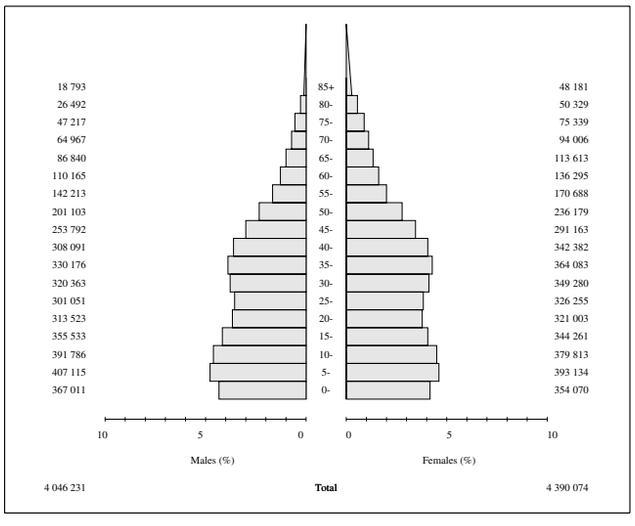
USA, SEER (9 registries): WHITE (1998-2002)



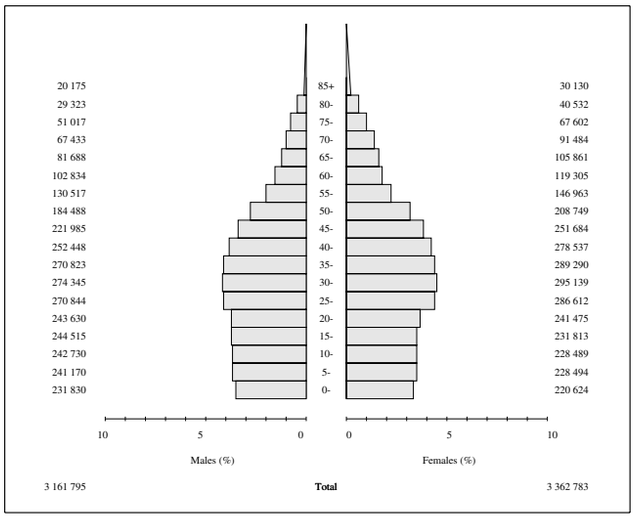
USA, SEER (14 registries) (1998-2002)



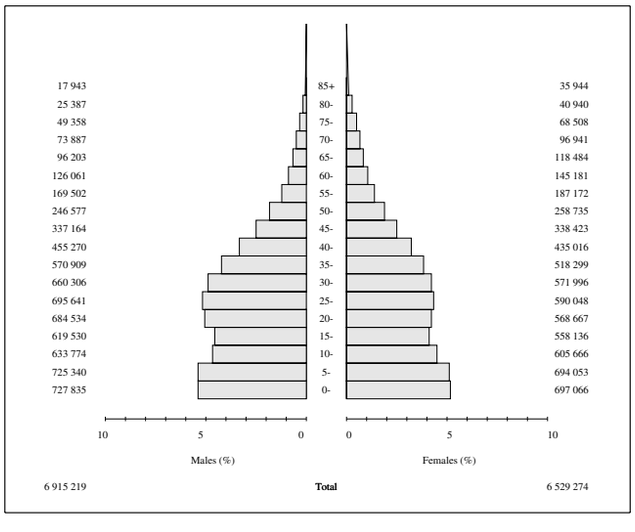
USA, SEER (14 registries): BLACK (1998-2002)



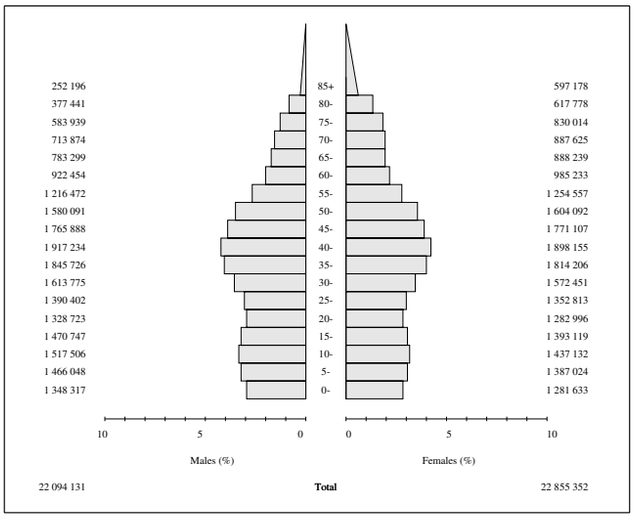
USA, SEER (14 registries): ASIAN AND PACIFIC ISLANDER (1998-2002)



USA, SEER (14 registries): HISPANIC WHITE (1998-2002)



USA, SEER (14 registries): NON-HISPANIC WHITE (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, South Carolina

Registration area
The South Carolina Central Cancer Registry covers the entire state. The state is 60.5% urban and 39.5% rural, comprised racially of 31% African American, 68% Caucasian, and 1% Other Races.

Cancer care facilities
Health care is provided in SC by 65 acute care hospitals, ~35 freestanding surgical and oncology treatment centres, and private oncology practices.

Registry structure and methods
The SCCCR is located at the SC Department of Health and Environmental Control, funded by the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR) and state funds.

The SCCCR is comprised of 17 staff, including the Director, 10 CTRs who perform data coordination and quality control, 4 Master's-level research analysts, database manager and statistician, and administrative coordinator.

The majority of data collection (85%) comes from pre-coded data from hospital registries. The remainder is actively sought by staff from small hospitals, pathology labs, freestanding treatment centres and physicians.

The hospital medical record is the principal source of information on cancer cases. Secondly, pathology reports from reference labs are a contributing source of information.

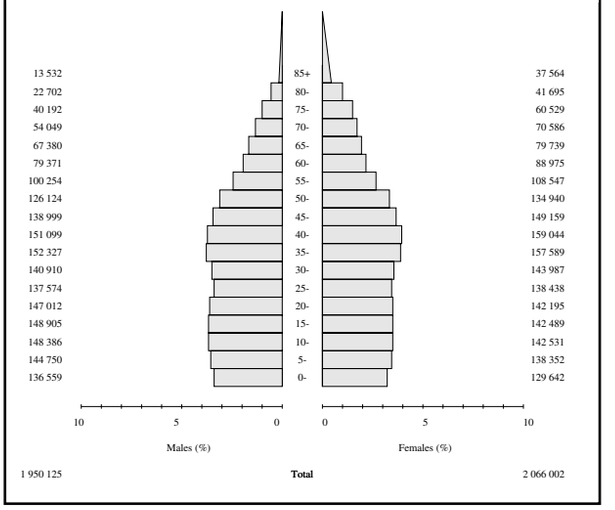
Access to death certificates (with personal identifiers) is provided by the SC Div of Vital Registry.

Cancer reporting is mandated in SC by the state statute SC Code Section 44-35-10-60. Confidential patient, hospital and physician identifiers are reported via state statute and protected by this law.

Quality control procedures include visual review of patient abstracted data along with computerised inter-record, intra-record edits. Routine casefinding and quality audits are performed at reporting facilities. Once every five years, the SCCCR undergoes a national data completeness and quality audit. Results of most recent national audit: 97% completeness, 98% accuracy.

The SCCCR has attained Gold Certification for 6 years, and Silver for 2 from the NAACCR certification process since 1997.

USA, SOUTH CAROLINA (1998-2002)

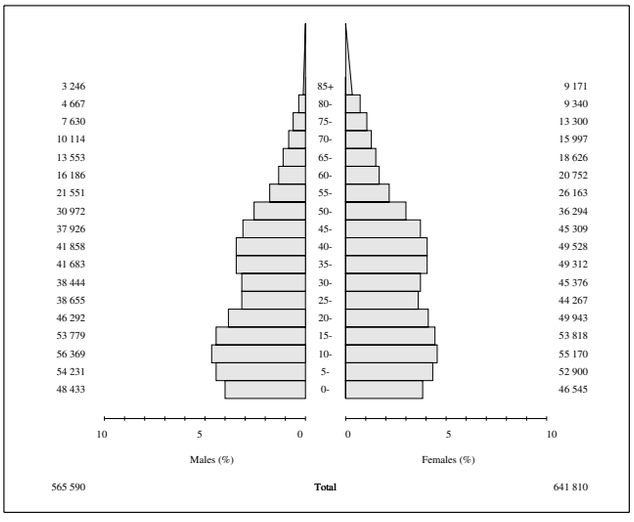


Use of the data
The data are used to report official annual cancer incidence, extent of disease and survival for the state. An annual Cancer Report Card is produced as well as County Cancer Fact Sheets. Assessments of community cancer concerns (potential cancer clusters) are carried out with the data.

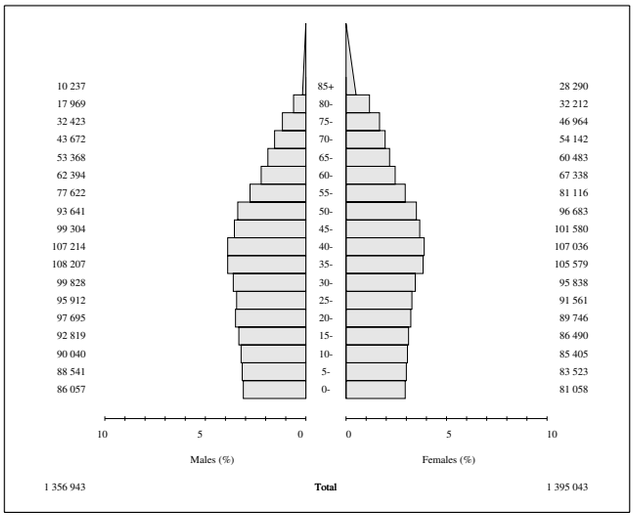
The data are available through the on-line query system, called SC Community Assessment Network (SCAN). Researchers and the public can create their own query by accessing the cancer module on SCAN. Maps, trend graphs, bar charts and tables are provided.

The data are used for research as prescribed by the protocol for data release and approval by the advisory committee. Data are used by multiple university researchers as well as SC medical schools, by state cancer control planners and evaluators, the statewide Cancer Alliance, and the American Cancer Society.

USA, SOUTH CAROLINA: BLACK (1998-2002)



USA, SOUTH CAROLINA: WHITE (1998-2002)



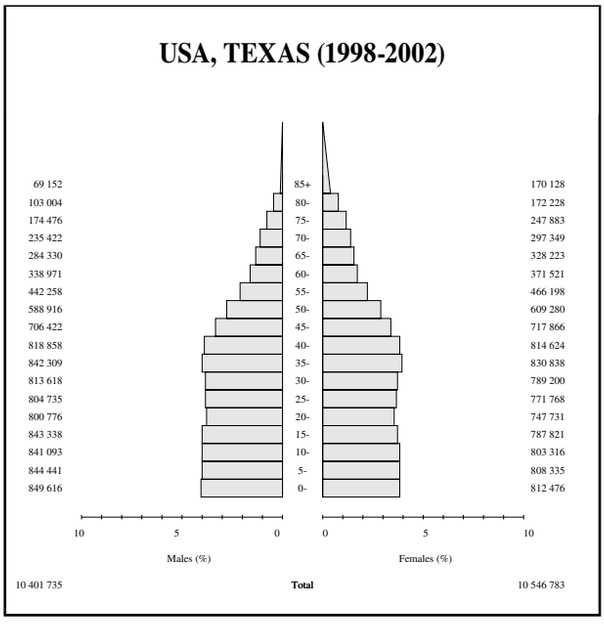
Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census. http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Texas

Registration area
The Texas Cancer Registry (TCR) covers the statewide population of Texas, in the south central United States of America. The estimated mid-year 2000 population census was 20 851 820. Although 86% of the population lives in urban counties, these represent only 30.3% of all Texas counties. The 2000 Texas population also shows considerable race/ethnic diversity with 53.1% being non-Hispanic White, 32.0% Hispanic (of any race), 11.6% Black and 3.3% Other Races.

Cancer care facilities
Cancer care in Texas may be provided by a wide variety of facilities, from large medical centres specialising in cancer treatment to community hospitals. The M.D. Anderson Cancer Center in Houston, Texas is a leader with a worldwide reputation in cancer care, as well as research, education and prevention. Numerous other research-based University medical centres and American College of Surgeons Accredited Cancer Programs are found in the state, and provide state-of-the-art cancer diagnosis and treatment.



Registry structure and methods
The TCR is part of the Texas Department of State Health Services (DSHS), and also receives federal funding from the US Centers for Disease Control and Prevention, National Program of Central Cancer Registries (NPCR). The TCR is staffed by 46 full-time state staff and 10 contract staff.

Our cancer data are reported to the TCR primarily by hospitals, but also by cancer treatment centres, pathology labs and medical practitioners.

Cancer case reporting in Texas is required by state law (Chapter 82, Health and Safety Code), and the TCR has specific cancer reporting rules. Cancer death reporting is through the Texas DSHS, Vital Statistics Unit. Cancer case reporting is done electronically for approximately 98% of cases, and 0% of deaths. All personal identifying data are considered confidential, and are used internally by TCR staff for registry operations and approved research purposes. Confidential data may only be released with DSHS Institutional Review Board approval.

Texas Cancer Registry staff work with the cancer reporters to provide training in case reporting as needed, and technical assistance to identify and abstract information on cancer cases. In addition, the TCR has data exchange agreements with other states to obtain data on Texas residents diagnosed and/or treated out-of-state.

Interpreting the results
We estimate the completeness of our cancer data by predicting the number of cases to be expected each year, based on standard age-, sex-, and race/ethnic-specific rates from another state registry with a similar population to the Texas population. Based on these estimates, we do not produce a final dataset for any given year until the estimated completeness of the data is at least 95%. The average completeness of the entire 1998–2002 dataset is 96.3%.

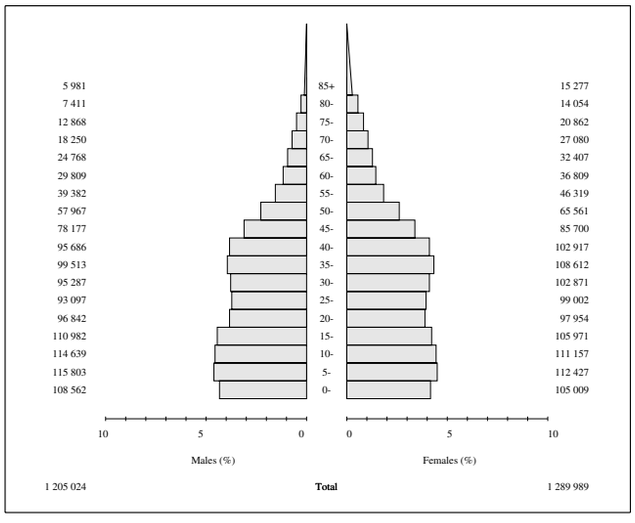
The population of Texas is unusual in that there is a large proportion of the total statewide population made up of Hispanics. For most major cancer types, incidence rates in Hispanics are lower than for many other race/ethnic groups, leading to generally lower (overall) incidence rates in Texas than in surrounding states. For this reason, Texas rates are also reported by race/ethnicity.

The goal of the DSHS Breast and Cervical Cancer Control Program is to reduce mortality from breast and cervical cancer in Texas. This program provides free breast and cervical cancer screening and diagnostic services to low-income women with no health insurance at over 200 sites throughout Texas. Since 1991, more than 190 000 women in Texas have received early cancer detection services through this program.

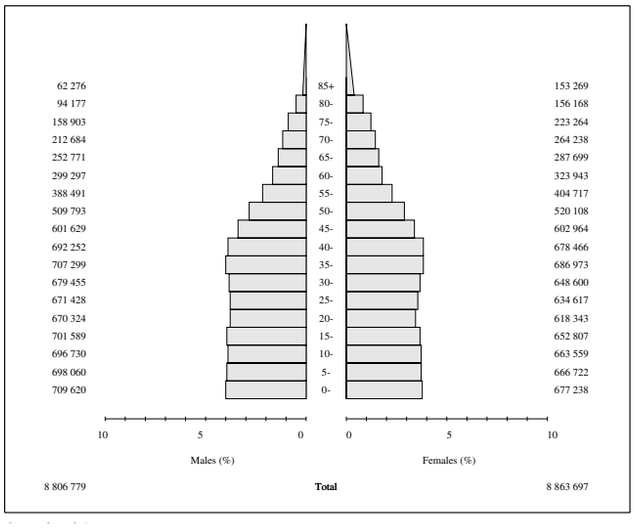
According to the DSHS Texas Behavioral Risk Factor Surveillance System, in 2002, 70% of Texas men 50 years and older had a PSA test within the past five years. Non-Hispanic white men and men 65 and older had higher PSA prevalence rates, while Hispanic males and those with less than a high school education have lower PSA rates.

Use of the data
The registry produces an annual report of cancer incidence and mortality, examining race/ethnic differences, trends, and other patterns in statewide cancer data, and maintains tables of average annual rates, published on our website. These data are provided statewide, by sex and race/ethnicity, and by various geographical areas including counties. Also provided are childhood cancer incidence and mortality rates, as well as estimated cases and deaths for future years at the statewide, regional and county levels. Data are also provided to external customers upon request, and have resulted in numerous specialised studies of cancer incidence and mortality, as well as health services studies.

USA, TEXAS: BLACK (1998-2002)



USA, TEXAS: WHITE (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census. http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

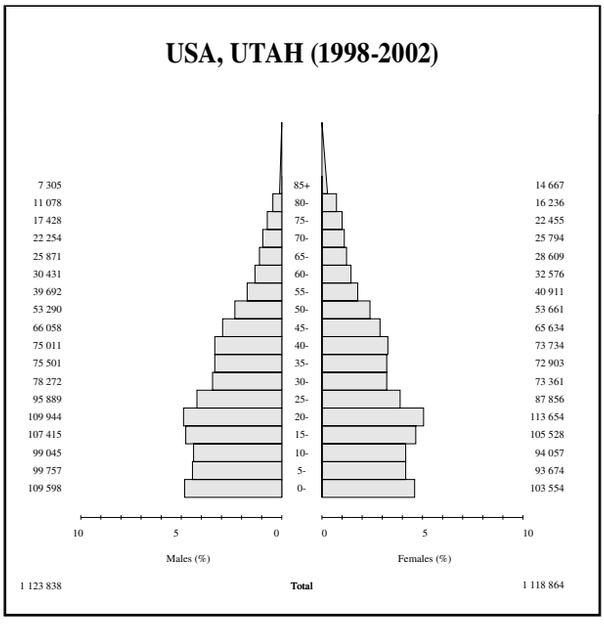
USA, Utah

Registration area

The State of Utah covers 299 888 km^2 and is geographically the 11th largest US state. There were 2 233 169 residents in Utah at the time of the decennial census conducted in 2000. Approximately 89% of Utah residents are white, and 9% are of Hispanic origin (any race). The remaining population comprises American Indians (1.3%), Asians (1.7%), Pacific Islanders (0.7%), blacks (0.8%), and individuals of other racial/ethnic backgrounds (4.2%).

Utah's 2000 birth rate of 21.1/1000 was approximately 47% higher than the national average of 14.4/1000. As a result, the median age of Utah residents was 27.1 years, fully 8 years younger than the national figure of 35.3 years.

Approximately 70% of Utah residents are members of the Church of Jesus Christ of Latter-day Saints (LDS), whose doctrine places a high value on marriage and encourages large families (hence, high fertility rates). The church also discourages consumption of tobacco, alcohol and caffeine, and proscribes premarital sex, profoundly influencing cancer incidence and mortality rates in Utah.



Cancer care facilities

Forty-five health care facilities in Utah routinely provide cancer-related services to state residents. Seven of Utah's largest facilities have ACoS accredited cancer care programmes. Fourteen hospitals in Utah support one or more cancer registrars on their staff, including each of the AcoS-accredited facilities. Six Utah hospitals have radiation therapy units; there are 2 freestanding radiation therapy units in the state.

Registry structure and methods

The Utah Cancer Registry (UCR) has operated since 1966 on a population-based, statewide level. In 1973, UCR became one of the original members of the National Cancer Institute's Surveillance, Epidemiology, and End Results (SEER) Program. UCR has continuously participated in the SEER program since that time.

UCR is staffed by 20 employees, including 5 administrative personnel, 1 research coordinator, 2 supervisors, 3 coders, 4 field pathology and hospital abstractors, 1 follow-up coordinator, 3 IT and data support staff, and 1 data entry/file clerk.

Cancer cases are identified and followed using information from hospitals, pathology laboratories, radiation treatment centres, physician offices, nursing homes, vital records, other central cancer registries, and by direct patient contact. Cancer reporting in Utah is mandated by legislation and regulatory rule.

Central registry personnel annually travel to outlying areas to identify and abstract cases in the smaller rural hospitals. The UCR is now advancing toward electronic pathology reporting and plans to receive some 90% of pathology reports electronically within the next 5 years.

Both hospital-based registrars and central registry personnel conduct active and passive follow-up of cancer patients. For example, registry records are routinely linked with administrative databases, including those maintained by the Centers for Medicare/Medicaid Services and the Utah Department of Public Safety's Driver License Division, and local voter registration files. UCR routinely queries vital records from the Utah Department of Health for information about cancer patients who may have died. In rare instances, death certificates may provide information about cancer cases that were not identified through other sources.

Cancer data are abstracted and coded by both hospital-based registrars and central registry personnel. Hospital-based registrars submit abstracts and pathology reports to UCR, allowing central registry staff to monitor the quality of data and process difficult-to-code items such as extent of disease and site-specific treatment. All electronic records are subjected to various automated edits developed by SEER and other professional organizations. UCR also participates in SEER-sponsored quality control projects.

Interpreting the results

With respect to the 1998–2002 data, the UCR has had consistent coverage, geographically and demographically. UCR, along with other registries in the SEER Program, changed topograhy and morphology coding rules from ICD-O-1 to ICD-O-2 for cases diagnosed from 1998–2000 and 2001–2002, respectively. However, these changes in coding rules will not have an effect on the 1998–2002 statistics, as 1998–2000 cases were retrospectively coded using ICD-O-2.

According to data from the Utah Behavioral Risk Factor Surveillance System (BRFSS), as many as 64% (95%CI 61–68%) of men aged 40+ surveyed in 2002 reported a PSA test within the last five years. Therefore, PSA is relatively common in the Utah population.

Use of the data

UCR data are combined with those from other SEER Program participants to monitor cancer trends in the USA. UCR data are also well utilised by independent investigators and the Utah Department of Health for studies of cancer etiology, prevention and control. By combining UCR records with genealogy files and other sources, researchers have made notable contributions in the field of cancer genetics. The registry maintains a web page (http://ucr.utah.edu), publishes trends in incidence and mortality annually, and responds to *ad hoc* requests for cancer-related data.

Source of population
Surveillance, Epidemiology, and End Results (SEER) Program (www.seer.cancer.gov) SEER*Stat Database: Populations – Total U.S. (1969–2003) – Linked To County Attributes – Total U.S., 1969–2003 Counties, National Cancer Institute, DCCPS, Surveillance Research Program, Cancer Statistics Branch, released January 2006.

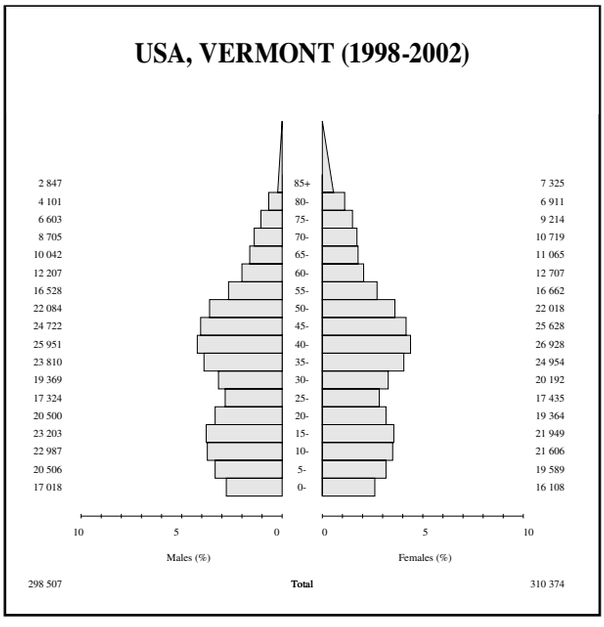
Multiple primary rules used
IACR rules (2004) on CI5 IX period .

Notes on the data
C44 does not include basal cell or squamous cell carcinoma except for skin of anus.

USA, Vermont

Registration area
The Vermont Cancer Registry (VCR) covers the population of the State of Vermont. The population at the most recent census (2000) was 608 827. About 38% of the population lives in urban areas (areas designated by the U.S. Census Bureau as Urbanized Areas and/or Urban Clusters); 97% are white, the remainder other races.

Cancer care facilities
General health care in the region is provided predominantly by 15 hospitals, including a Veterans Affairs Medical Center. This is supplemented by private practitioners and one outpatient radiation therapy facility. The Vermont Cancer Center (VCC) is an NCI-designated facility for Phase I, II and III therapeutic clinical trials. VCC and Fletcher Allen Health Care (FAHC) are located in Burlington, the largest city in Vermont, and provide radiotherapy, cancer surgery and chemotherapy services. Patients suspected to have cancer in the primary and secondary care facilities in the registry area are mostly referred to VCC, FAHC, Dartmouth Hitchcock Medical Center in neighbouring New Hampshire, one of the hospitals with comprehensive cancer services in the state, or occasionally to one of the hospitals in Boston, MA or Albany, NY.



Registry structure and methods
The registry is located within the Vermont Department of Health and is funded by the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR) and in-kind support from reporting hospitals. The registry is staffed by a full-time director, a cancer data specialist, a certified cancer registrar and an epidemiologist.

The VCR uses active case finding from 13 non-federal hospital cancer registries, one out-of-state reference pathology laboratory, one radiation therapy centre, 5 dermatologists, 8 urologists, 1 VA hospital, and a small number of other physicians. The cancer registry is linked with the VT death file annually. Non-matches are followed back to identify cases potentially unreported to VCR. These cases identified by death certificates are followed back with hospitals and physicians to either rule out reportability or be reported to VCR. Records that cannot be followed back to source records are accessioned as death-certificate-only cases. Cancer is required to be reported by Vermont health care facilities and healthcare providers. Interstate data exchange agreements exist with all bordering states and Florida.

Electronic editing, visual editing, and hospital auditing are all used as quality assurance strategies.

Interpreting the results
VCR data are estimated to be at least 95% complete, 24 months after the close of the diagnosis year.

Ladies First is a health screening program for Vermont women. Ladies First removes financial barriers, which prevents many women from being screened for breast and cervical cancer.

Use of the data
VCR prepares an annual report of cancer incidence, highlighting trends and changes. Site-specific reports are also published. Because active follow-up is not conducted, survival analyses have not been possible.

The registry is currently involved in the NCI-sponsored New England Study of Environment and Health, which is investigating the possible causes of elevated bladder cancer incidence and mortality in the states of Maine, New Hampshire and Vermont.

VCR data are used for planning and evaluation of cancer control objectives e.g. comprehensive cancer control, detailed incidence/mortality statistics, health event investigations and program evaluation.

For Needs Assessment/ Program Planning: VCR completed a project using GIS to identify opportunities for breast cancer screening of income-eligible women. The purpose of the project was to identify areas where the Ladies First breast and cervical program services are less utilised and enrolment could be increased, particularly for women ages 40–64 who meet eligibility requirements, by examining the current enrolment of Ladies First clients, the distribution of providers and facilities providing services, screening patterns and stage distribution of breast cancers to determine if there were any parallels with areas of lower membership.

The VCR has started routinely evaluating late stage diagnosis of certain cancers (colon, breast, cervical) as a measure of the effectiveness of cancer screening efforts.

Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census.
http://www.seer.cancer.gov/popdata.

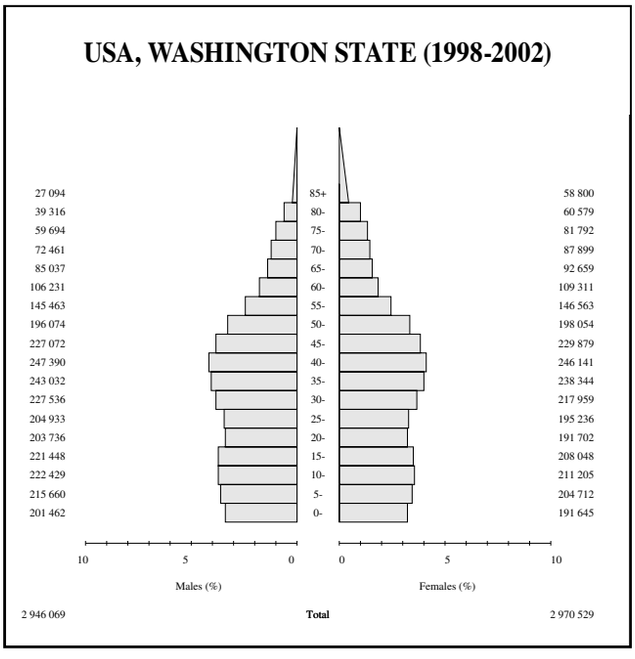
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Washington State

Registration area
The Washington State Cancer Registry is responsible for cancer case surveillance throughout the State of Washington (USA). The mid-2000 population for Washington State is reported at 5 894 121 of which approximately 49.8% are males, 50.2% females.

Registry structure and methods
Case information is provided to the State Cancer Registry by healthcare facilities (hospitals, laboratories, physician offices) throughout the state.
The registry is located within the Washington State Department of Health and is funded by the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR) and partly by state funds. The registry is staffed by experienced certified tumour registrars (CTRs) and an epidemiologist.

Use of the data
The registry prepares an annual report of cancer incidence, highlighting trends and changes.



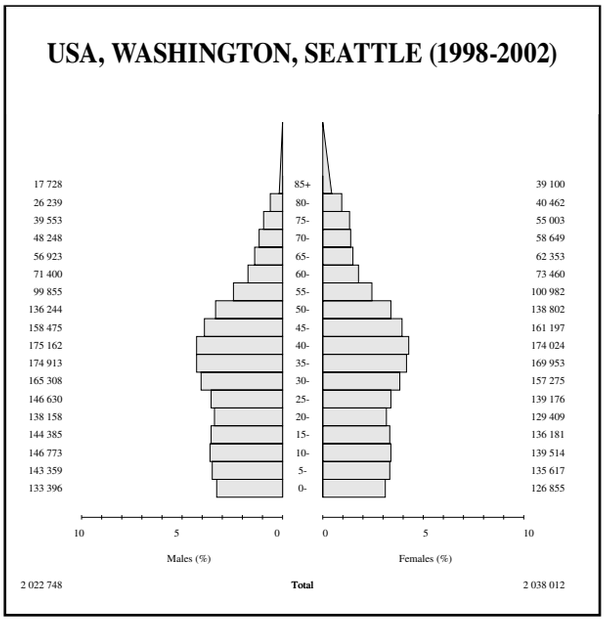
Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The
population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census.
http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Washington, Seattle

Registration area
The Cancer Surveillance System (CSS) operates under the Surveillance, Epidemiology, and End Results (SEER) program to provide incidence, treatment, and follow-up data on all newly-diagnosed malignancies (except non-melanotic skin cancers and *in situ* cancers of the cervix) occurring in residents of 13 counties of northwest Washington State.

While the geographic area has not changed, the population has grown substantially in size. The CSS reporting area has a population of over 4.2 million (based on 2000 census), which is approximately 70% of the state population. Counties in the reporting area include Clallum, Grays Harbor, Island, Jefferson, King, Kitsap, Mason, Pierce, San Juan, Skagit, Snohomish, Thurston and Whatcom. The CSS reporting area includes four Primary Metropolitan Statistical Areas (PMSAs). Approximately 86% of the people in the CSS reporting area reside in these PMSAs: Seattle-Bellevue-Everett (57.7%), Tacoma (17.5%), Bremerton (5.6%) and Olympia (5.1%). The racial distribution of the population base is as follows (2000 data): 80.4% White, 5.3% Hispanic, 4.2% Black, 7.2% Asian, 1.4% Native American, and 1.5% Other.



Cancer care facilities
Cancer patients have extensive access to diagnostic and treatment facilities throughout the CSS catchment area. The increasing provision of services in outpatient settings has necessitated expansion of activities to make sure that cancers and details about them are not missed.

Registry structure and methods
The registry is located within Fred Hutchinson Cancer Research Center (FHCRC), and is funded primarily by the SEER Program, and partly by the FHCRC and the Washington State Department of Health. The registry is staffed by 28 full-time technical staff members and 9 hourly technical/data processing staff, and 3.5 programming staff, 2 part-time epidemiologists, 1 part-time staff scientist, and 1 part-time administrator.

The CSS registry uses active case finding from over 100 sources of data consisting of cancer hospitals, general hospitals, teaching hospitals, pathology laboratories and the Washington State Bureau of Vital Statistics. All the case finding is performed at the central registry office. Abstraction of medical records is performed by a mix of hospital staff and registry staff. The latter perform abstracting either at the healthcare facilities or via remote access at the central office. All the coding and case consolidation is performed in the central office by registry staff. Both active and passive follow-up methods are used. Passive follow-up is performed via data linkage with both medical and non-medical source records. Active follow-up consists of annual letters sent to the physicians. Death clearance and unduplication activities are performed annually. The data are submitted annually to the SEER Program and North American Association of Central Cancer Registries (NAACCR), and monthly to the State registry.

As a member of SEER, we annually evaluate the completeness and accuracy of the information recorded.

Interpreting the results
This registry has no circumstances that are particularly different from any other region with a highly-medicalised society.

Use of the data
CSS provides reports to reporting hospitals on a monthly basis. Identifiable information is reported only to the reporting physician or institution, to FHCRC investigators conducting IRB-approved research, and to the state Department of Health as required by law. Statistical reports for publication contain no data identifying patients, physicians or institutions. Non-identifiable data are released to scientists working at the local, regional, national and international level. Aggregate reports of non-identifiable data, such as incidence rates by county or 5-year survival rates, are provided to the public upon request. The CSS responds to many requests from the local medical and scientific community, registrars, health care administrators, news media, public, Cancer Information Service, and students receiving graduate training in public health sciences.

CSS also contributes to collaborative studies involving multiple SEER areas. Data released to SEER are stripped of information which would identify the patient, physician, or reporting institution and is identified only by a unique number assigned by the CSS.

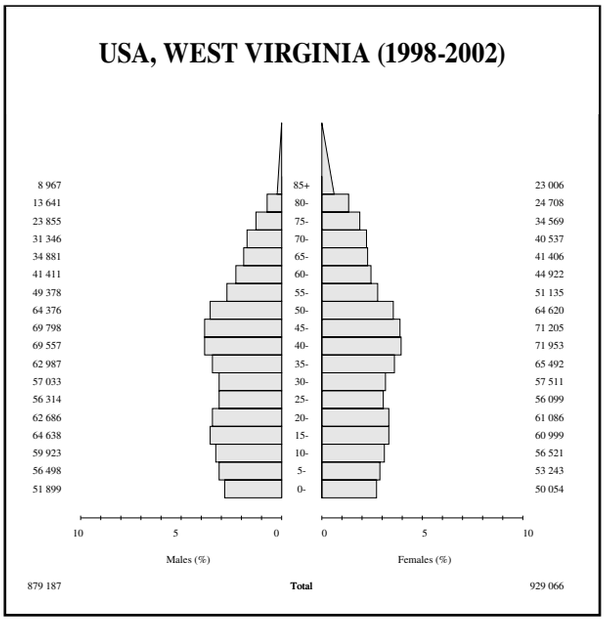
Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, West Virginia

Registration area
The West Virginia Cancer Registry (WVCR) covers the state of West Virginia, which is the only state that is classified as entirely Appalachian. West Virginia is racially and ethnically homogeneous, with 95% of its population identifying as white and 0.7% identifying as Hispanic. West Virginians have an overall lower educational attainment than the US as a whole, with 75.2% of persons 25 and older having a high school education or higher (80.4% for the US), lower per capita income ($16 477 compared to $21 587) and a higher median age (38.9 years compared to 35.3 years). West Virginia is one of the least urban states in the United States, with 46.1% of the state's population living in urban areas.

Cancer care facilities
As of January 2006, 51 of West Virginia's 55 counties were classified by the US Department of Health and Human Services as medically underserved or had medically underserved populations. West Virginia has 57 hospitals, 11 of which have cancer programs approved by the Commission on Cancer. In addition, there are 18 free-standing cancer diagnostic and treatment centres and 7 day surgery centres.



Registry structure and methods
The West Virginia Cancer Registry is part of the West Virginia Department of Health and Human Resources, Bureau for Public Health, Office of Epidemiology and Health Promotion, Division of Surveillance and Disease Control and is funded by the State of West Virginia and the US Centers for Disease Control and Prevention's National Program of Cancer Registries (NPCR). WVCR has 10 full-time staff including 4 cancer surveillance staff, 3 data quality staff, a programmer analyst, an epidemiologist/program director and an administrative professional. WVCR receives electronic reports from hospitals with cancer registries and provides abstracting services to other hospitals as well as free-standing diagnostic and treatment facilities, day surgery centres and large urology and dermatology practices. WVCR also receives pathology reports and conducts annual linkages with death certificates. Cancer is reportable by law in West Virginia.

WVCR performs computerised edits on all data and visual editing on a minimum of 10% of cases from each reporter. Additional data quality studies are performed as indicated by the results of the computerised and visual edits. Hospitals undergo case-finding and re-abstracting audits every five years but may be audited more frequently if systematic problems are found. To maintain quality control, formal studies/evaluations are carried out. West Virginia Cancer Registry data are submitted to NAACCR for evaluation of completeness and quality, and also undergo regular audit by NPCR.

Interpreting the results
West Virginia is known to have relatively high levels of cancer risk factors including tobacco use and obesity in comparison to the US, screening rates for breast and cervical cancer similar to those of the US and colonoscopy and sigmoidoscopy rates lower than those of the US. BRFSS data indicate that PSA testing levels in West Virginia are similar to those in the US as a whole.

Use of the data
The West Virginia Cancer Registry publishes an annual report on cancer incidence and mortality in West Virginia, conducts investigations of possible cancer clusters, performs analyses as needed for special projects, promotes the use of WVCR data in planning and evaluation of cancer control activities and makes de-identified data available to approved researchers.

Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The
population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census.
http://www.seer.cancer.gov/popdata.

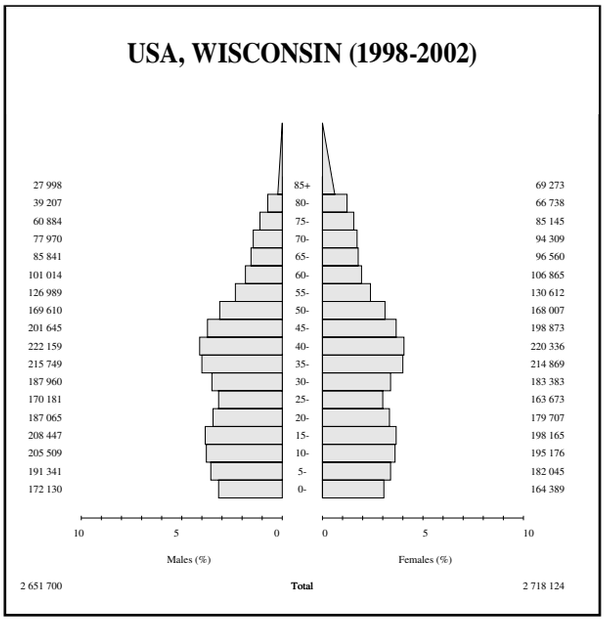
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, Wisconsin

Registration area
The Wisconsin Cancer Reporting System (WCRS) covers the statewide population of Wisconsin, USA. The population at the most recent census (2000) was 5 363 675. About 89% of the population is white, 6% African American, 1% American Indian or Native Alaskan, 2% Asian/Pacific Islander and 1% multiple race. Almost 4% are of Hispanic origin.

Cancer care facilities
Wisconsin has approximately 150 hospitals and over 1700 clinics (including radiation therapy centres, health maintenance organisation outpatient clinics and private physician offices) serving its population. Residents living near state borders may cross into other states for their cancer diagnoses and care depending on proximity to the out-of-state facilities and restrictions based on insurance coverage.

Registry structure and methods
WCRS is located within the Bureau of Health Information and Policy, Wisconsin Department of Health and Family Services. It is funded partly by general purpose revenue funds (25%) and by the US Centers for Disease Control and Prevention through the National Program of Cancer Registries (NPCR) (75%). The registry has six full-time staff: a program director, epidemiologist, CTR data editor and state trainer, quality control data and GIS analyst, data processor, office operations assistant and a part time data entry staff person. WCRS collects data (passive data collection) from Wisconsin hospitals, clinics, physician offices and out-of-state hospitals along state borders. These facilities are required to submit data electronically using the NAACCR standard layout or on paper using the WCRS reporting form. Wisconsin also has data exchange agreements with 19 other state central cancer registries, and receives data on Wisconsin residents from those registries annually. WCRS conducts an annual link with the Wisconsin Resident Death File to update death information on cases previously reported and identify cases not previously reported by the above mentioned sources. Follow up is conducted on the death certificate only cases annually. Cancer is a reportable disease in Wisconsin per Chapter 255.04, Wisconsin statutes. Data submitted to WCRS is processed through a combination of NPCR-required and recommended edits and Wisconsin-specific edits. All cases are edited electronically, and the incoming paper reports are also reviewed manually. WCRS participates annually in the NAACCR Certification Process and has received the Silver or Gold standard for its data every year since 1995.



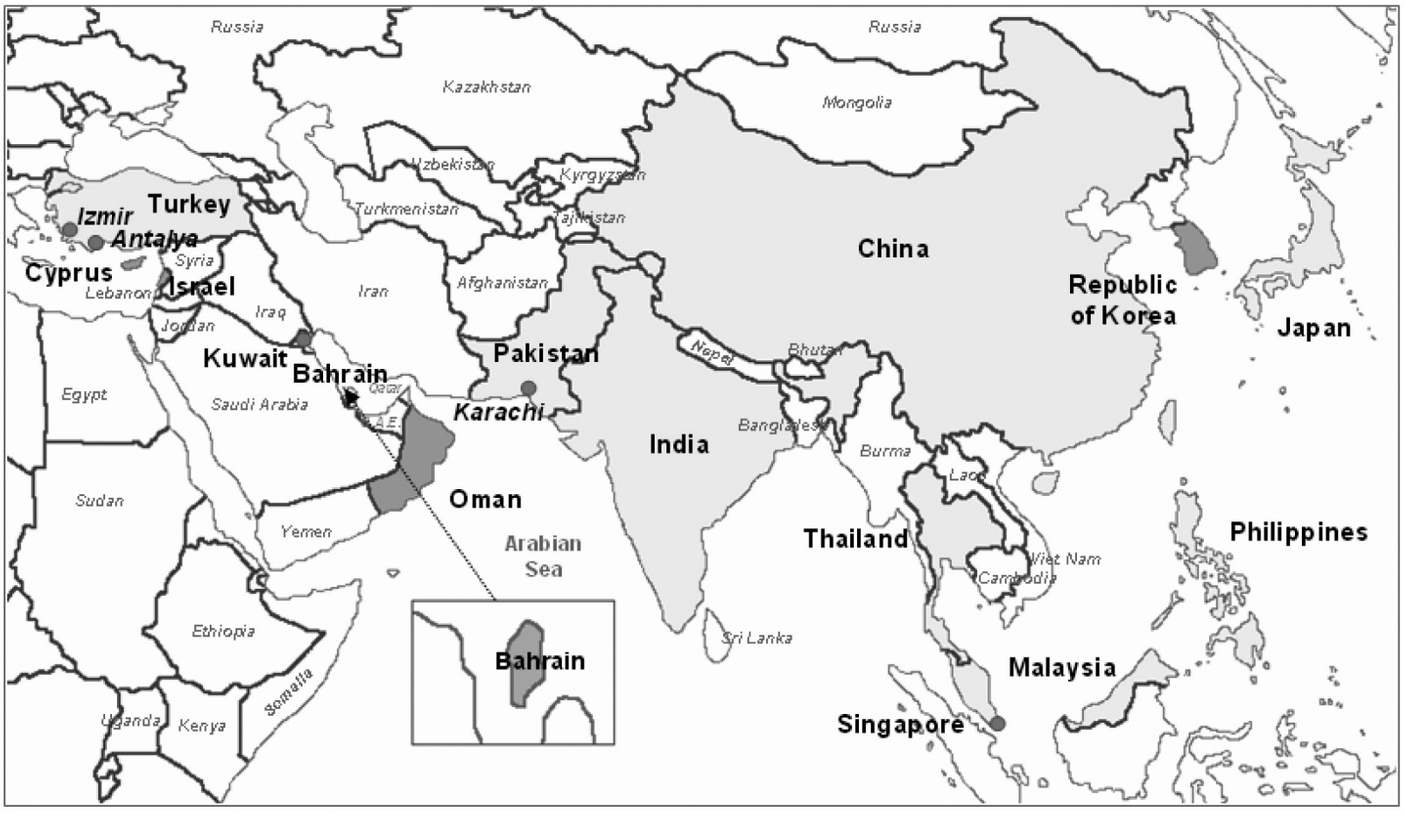
Interpreting the results
Wisconsin incidence rates overall remain stable but can be influenced by periodic reporting anomalies (e.g. a facility loses cancer reporter and cannot submit for extended period) or inconsistent reporting on residents seen outside of Wisconsin for diagnosis and/or care.

Use of the data
WCRS data are published in an annual report (incidence and mortality rates by site, diagnosis year, race and county, stage at diagnosis). Special site-specific reports are periodically produced. Data are used by researchers for case control studies, linkage studies, and extensively by comprehensive cancer control organisations for planning and prevention strategies.

Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census.
http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Asia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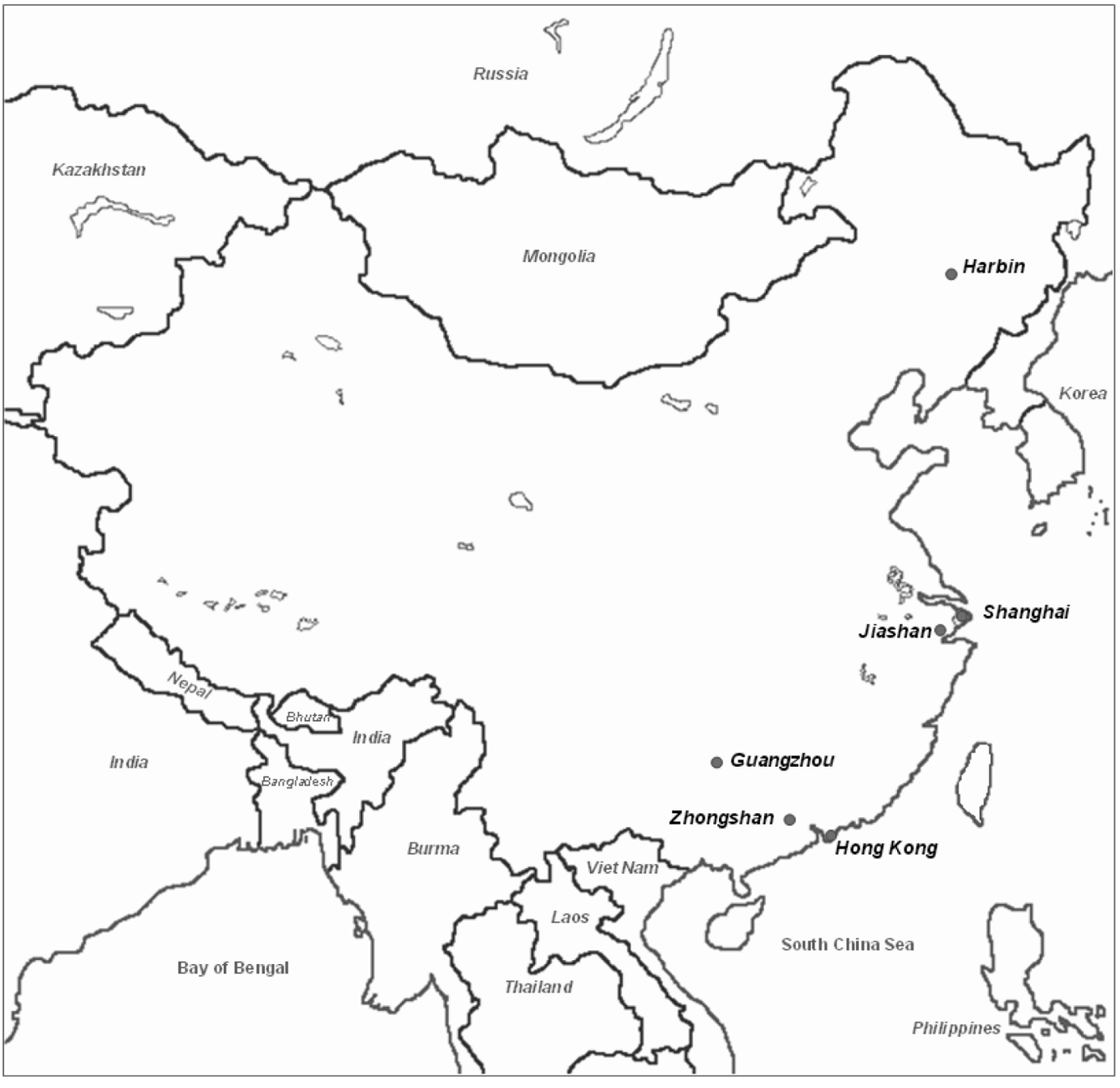
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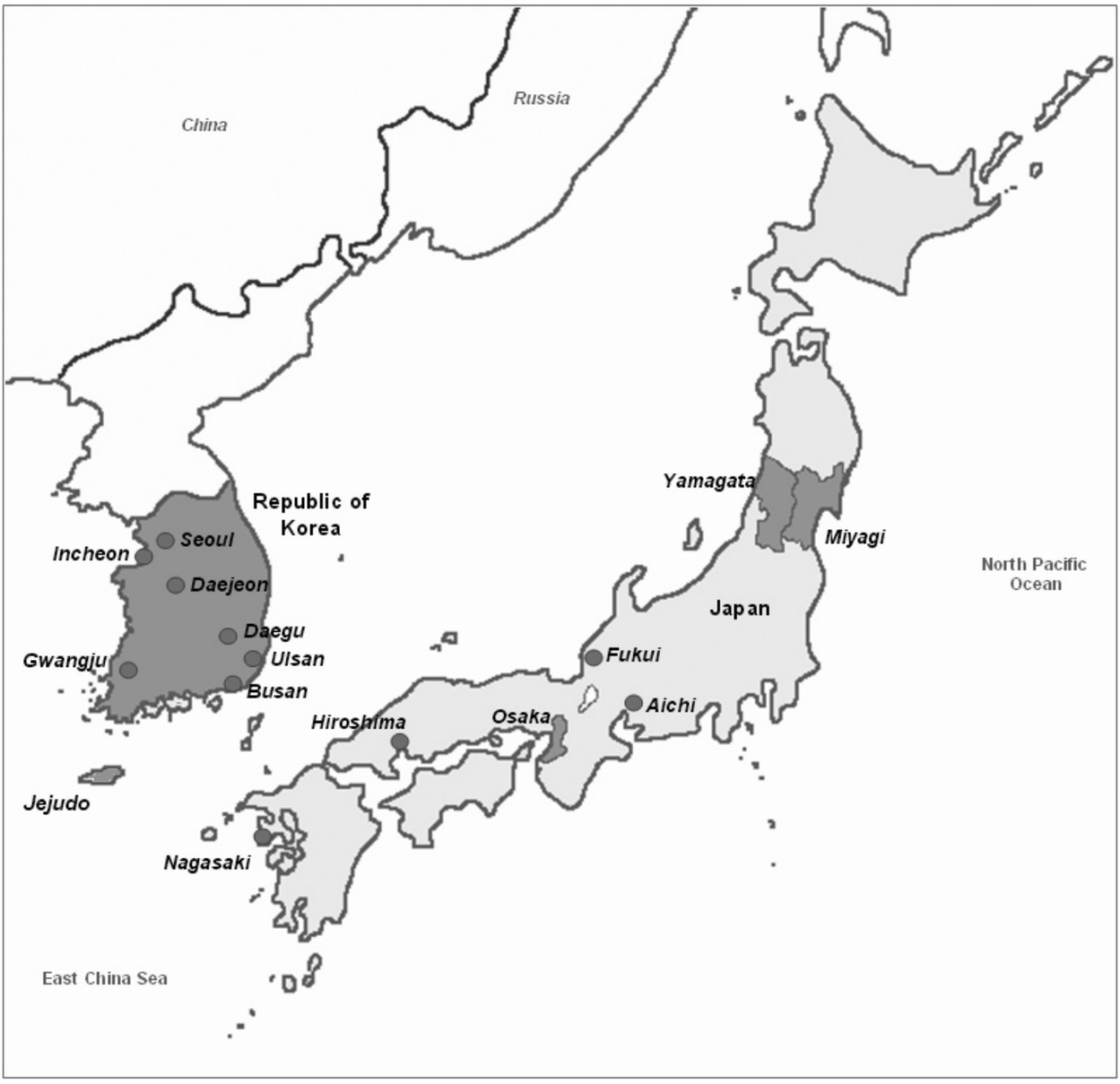


South-East Asia

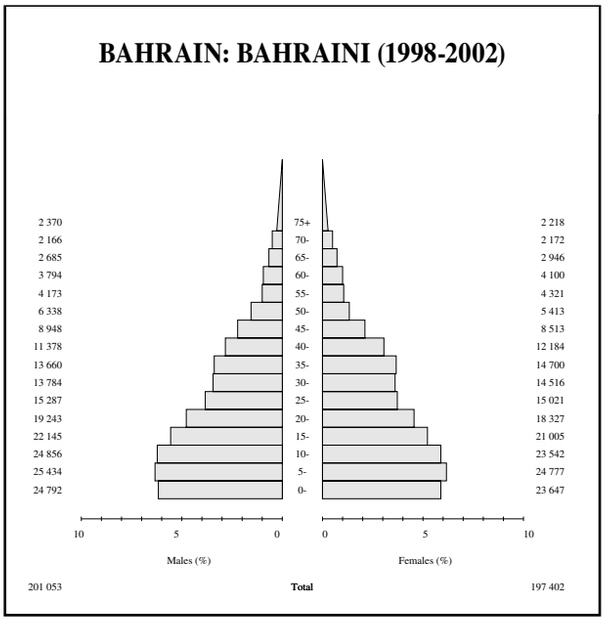
Bahrain

Registration area

The Kingdom of Bahrain is located centrally on the southern shores of the Arabian Gulf, and comprises an archipelago with a total area of 717.5 km^2. Bahrain Island is the largest of these islands, accounting for nearly 83% of the total area of the kingdom and the capital, Manama.

According to the 2001 census, the total population of Bahrain was 650 604 persons of whom 405 667 (62.4%) were Bahraini, and 244 937 non-Bahraini.

The growth rate between the 1991 and 2001 censuses was 2.7% for the total population, 2.5% for the Bahraini and 3.1% for non-Bahraini. The five-year average estimated mid-year population for 1998–2002 was 638 033 of whom 398 455 (62.5%) were Bahraini and 239 578 (37.5%) non-Bahraini. The majority of the non-Bahraini population (69.2%) are males, who form the major part of the workforce. This population is characterised by a very rapid turnover during the year, and their transitional nature could affect the interpretation of cancer occurrence.



Cancer care facilities

The government provides high-standard comprehensive health care to residents, including public health, primary, secondary and tertiary care services. Primary healthcare is delivered through 22 well-equipped health centres distributed in all geographic regions. Secondary care is provided through the main government hospital, Salmaniya Medical Complex (SMC), recently expanded to house the new Oncology Services Centre equipped with the latest diagnostic and treatment technology including chemotherapy, radiotherapy, immunotherapy and bone marrow transplant.

The Royal Medical Services Hospital of the Bahrain Defense Force (BDF) is the second general secondary hospital, primarily serving Ministry of Defense employees and their families. Secondary care is also provided by six other private hospitals. Together, the government and private hospitals have a capacity of around 2000 beds and ratios of 22 doctors and 50 nurses per 10 000 population.

Registry structure and methods

The Bahrain Cancer Registry (BCR) is a population-based registry covering all residents in the country. Per ministerial decree 5/1994 cancer became notifiable to the Cancer Registry Office, part of the Medical Review Office of the Ministry of Health. The registry is operated by a part-time epidemiologist and a part-time medical records technician working as a tumour registrar.

Cases are registered as having a malignant disease in the BCR whether microscopically or clinically diagnosed. Personal, clinical and tumour details are collected using a specially designed registration form, and entered and checked for duplication and consistency using CANREG IV. Coding anatomical sites and morphology of tumours is according to the ICD-O-3.

In addition to passive notification, case finding is enhanced by several approaches. Clinical records of cancer patients admitted to SMC, the main source of cases, are sorted out at the Medical Record Department (MRD) upon discharge and checked for their registration status. The registrar visits the BDF Hospital periodically to review and identify lists of newly diagnosed cases.

The registry also receives regular cancer death notifications from the Birth and Death Registration Office at the Ministry of Health. Death cases are cross-matched with the registered cases to sort out the unmatched cases, which are then followed back for any information on their malignancy and date of diagnosis. Those with insufficient clinical information or information not indicative of cancer are registered as "Death Certificate Only" (DCO) cases.

Using the check program, data are examined for duplicate registration as well as for illogical errors in the combinations of variables such as site-sex, site-morphology and age-morphology. Data are also examined for illogical combinations that cannot be captured by CANREG, such as morphology versus basis of diagnosis (e.g. leukaemia), behaviour versus stage codes (for in-situ), basis of diagnosis versus status codes (for DCO) and morphology versus stage. Cases in which diagnosis was based on histology of metastasis (secondary site) are reviewed to ensure that the depicted site is for the suggested primary tumour.

Missing data on date of birth are replaced by the first two digits of the Central Population Register (CPR) number, which represents the year of birth. In this case the first day of January is designated to complete the full date of birth. Missing data for unknown primary site (PSU) and other variables are sought and recorded when found.

Interpreting the results

Underreporting is expected especially for patients who might have sought treatment in private hospitals or abroad. However, Bahrain is a small country, and free cancer treatment facilities, especially radiotherapy, are located in one public hospital (SMC) providing good opportunity for capturing cases not known to the registry. Those seeking treatment abroad may eventually come to the SMC for further treatment or follow-up, or will be captured by the national and well established death register. The CANREG software has limitations in morphology descriptions of non-invasive cancer (e.g. *in situ* or non-infiltrating intraductal carcinoma); however, these can be identified by behaviour

and stage codes. The problems of duplication and unknown age in Bahrain is minimal because of the unique identification number (the CPR number) that is assigned for each resident.

Use of the data
The registry produces regular statistical reports that show the distribution of different types of cancer according to age, gender and nationality. These reports are being utilised by health planners and policymakers to address the importance of cancer problem, allocate resources and to evaluate cancer prevention and control activities.

Source of population
Medium projections based on the 2001 census. Central Informatics Organization.

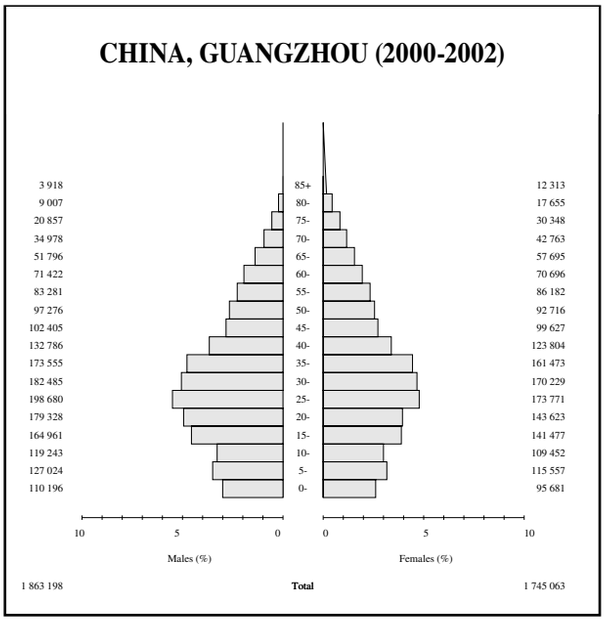
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

China, Guangzhou City

Registration area
Guangzhou is the largest city in southern part of China, with a population of about 7.25 million and an area of 7434.4 km^2. It is the capital of Guangdong province and is situated at latitude 22°N and longitude 112°E.

The Guangzhou Cancer Registry covers the population of seven districts (central urban area) within Guangzhou city with an area of 1335.3 km^2. The population was 3 560 810 in 2000, with people of the Han race making up more than 99%.

Cancer care facilities
The Cancer Centre in Sun Yat-sen University is one of the largest cancer centres in China. It has more than 1000 beds and employs 1300 people. More than 40% of the cancer patients in Guangzhou are diagnosed and treated in the centre. There are national, provincial, municipal and district hospitals in Guangzhou, which provide radiotherapy, cancer surgery and chemotherapy services for cancer patients.



Registry structure and methods
The registry is located within the Cancer Center, Sun Yat-sen University and is funded partly by the cancer centre and partly by the Guangzhou Health Bureau. There are 7 registrars in the registry.

Physicians and medical clerks in the hospitals of the registry area are responsible for filling out a report card for each newly diagnosed cancer patient. Each hospital has a special department to collect, check and send the cards to the registry on time. The quality of this work is checked by the Guangzhou Health Bureau as a part of the medical quality control service in each hospital. The registry staff also periodically goes to review the patient records in all hospitals that are located in registry area in order to control report quality.

The registry staff check, code and file the cards according to year, sex, usual residence, ICD code, etc. Then the registry staff determines whether a patient has already been reported to the registry, so as to avoid duplication.

Interpreting the results
Guangzhou has a full range of diagnostic facilities, so that it is unlikely that cases referred will be missed.

Screening service for cancer was not operated in Guangzhou in the period 2000–2002. PSA testing is not common in our population, being only carried out in urology departments of some hospitals.

Use of the data
Cancer incidence and mortality data are provided to the Guangzhou government as a reference for planning projects in cancer prevention and control. The registry has also carried out some epidemiological studies based on the data from Guangzhou.

Source of population
Projections based on 2000 census.

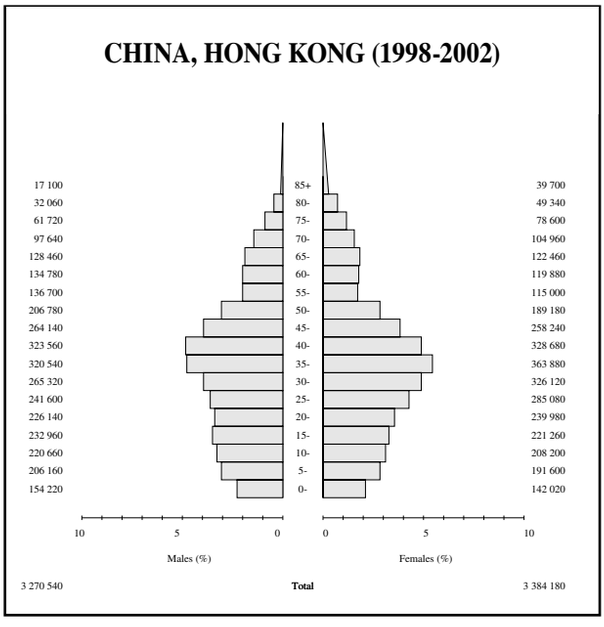
Multiple primary rules used
IACR rules (1990).

Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

China, Hong Kong

Registration area
Situated in the south-eastern part of China, Hong Kong is one of the most densely populated places in the world with an average population density of 6,140 persons per km^2. The population was about 6.78 million in mid-2004. About 93% are Chinese, mostly descendents from people of the Guangdong Province in southern China. Hong Kong Cancer Registry covers the entire population of the area.

Cancer care facilities
The Hospital Authority (HA) is a statutory body to manage all public hospitals in Hong Kong. Clinical Oncology is a discipline of medicine that manages cancer patients by non-surgical means such as radiotherapy, chemotherapy, biological therapy and palliative care. There are currently six Clinical Oncology centres in the Hospital Authority. A few private hospitals also provide similar services.



Registry structure and methods
The Registry is an official and professional body for population-based data collection in cancer epidemiology. It is currently run by one statistical analyst and four clerks in the Department of Clinical Oncology of Queen Elizabeth Hospital, Hospital Authority. The director is a specialist in Clinical Oncology who, apart from overseeing operations, provides regular input on the validity of clinical data.

The Registry obtains data through electronic means directly from clinical oncology centres, pathology laboratories and hospital discharge summaries of all public hospitals. For the private sector, the Registry has had a good working relationship with most cancer centres and pathology laboratories over the years. Near-complete coverage can be achieved within the territory. Voluntary notification nowadays contributes very little to the data pool. Death certificates are obtained from the Department of Health.

Cancer notification is by administrative order without a specific law in Hong Kong. The privacy of the cancer patient and the use of the related information are protected by the Government's Personal Data (Privacy) Ordinance. There is no personal contact with cases or patient follow-up by the registry staff.

The Registry evaluates the quality of incoming and output data using both automatic and manual review processes. Histological verification percentage (HV%) is one of the two internationally accepted indicators of data quality in cancer registries, and we achieved over 85% confirmation in recent years. Death certificate only percentage (DCO%) is the other indicator. Our completeness in data collection is illustrated by the very low DCO% of 1.5% in 2003 against 7.6% in 1990.

The only organised mass screening programme (by Health authorities) is cervical cancer screening; PSA testing is not common in the population covered.

Expanding the scope of data collection
Information Technology in Hospital Authority (HA) has contributed significantly to the Registry in recent years. The Registry was linked up with the Electronic Patient Record (ePR) System of HA in 2004. Since then, the registry has been able to collect histological data and staging information more comprehensively and easily.

On the other hand, death data are collected from the Death Registry of the Government. Previously death records other than cancer were not available to the registry because of legislative restrictions. The individual case record obtained was anonymous and without the unique identity number. Therefore survival analysis has not been part of the output of the registry. Since 2000 the death data has been linked with the Registry data, which helps minimise loss of patients to follow-up. The Registry can thus target compilation of a population-based survival analysis in the near future.

Use of the data
The Registry updates annual reports of cancer incidence and mortality in electronic format on its website. Basic descriptive epidemiological analyses are included. Registry data are routinely used by officials, health professionals, cancer control groups and the public. The data are also extensively used by local researchers for various epidemiological studies.

Source of population
1998–2000, 2002: Mid–year estimate produced by the Government's Census & Statistics Department.
2001: Population Census data produced by the Government's Census & Statistics Department.

Multiple primary rules used
Impossible to detect multiple primaries.

Notes on the data
For this registry, only ICD–9 3 digit categories were available.

China, Jiashan

Registration area
Jiashan County is located in the north of Zhejiang province, near Shanghai City. It is at latitude 30° N and longitude 120° E. The area of Jiashan County is about 506.6 km²; 14.3% of the county is covered by rivers and lakes. The average annual temperature is around 16° C.

Jiashan County is covered by flatlands with a network of waterways. About 80% of the population lives in rural areas. Population density in the county is 751 persons per km². Agriculture is a major industry, and the main crops are rice, wheat and broad beans. The county once had a serious schistosomiasis epidemic, but the disease was eradicated in 1985.

Cancer accounted for 23.8% of all deaths in 1997.

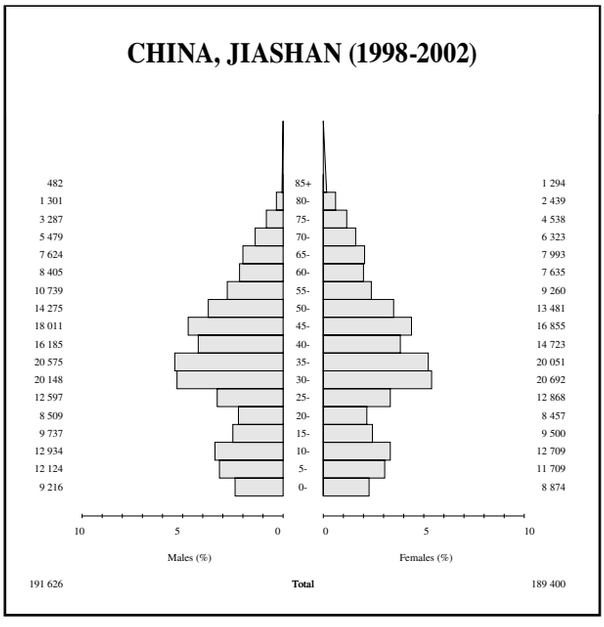
Cancer care facilities
There were 24 medical establishments, 1296 medical workers and 1135 hospital beds in the county at the end of 1997.

Registry structure and methods
A population-based cancer registry was established in Jiashan County in 1987, according to documents of the Jiashan County Government and Health Bureau on reporting cancer incidence and mortality, and mortality from all causes. It is attached to the Jiashan Institute of Cancer Research.

In accordance with Jiashan County Health Bureau regulations, all medical establishments, whether hospital or clinic, must report new cases of cancer diagnosed, including benign tumours of the central nervous system, and cause of death for all diseases.

Physicians in healthcare departments of medical establishments in the county towns are charged with collecting report cards on cancer, which are completed by doctors in each ward and diagnostic service. Doctors of preventive medicine in the rural area hospitals collect cancer cases in each village and filling in report cards. All the cards are sent to the cancer registry. After receiving the report cards, the doctors in the cancer registry check details by phone or by going to the source. Multiple cards on the same patient are merged, and cards for non-resident patients are removed. Physicians working in the cancer registry visit the medical establishments several times a year and inspect the reporting of cancer cases to assess quality and completeness. A meeting is held at the end of every year, with officers of the county health bureau, to discuss problems encountered in order to improve quality.

In 1991, two computers were purchased. Software for vital statistics and cancer reporting, produced by the Sanitary and Anti-Epidemic Station of Liaoning Province and recommended by the National Cancer Research and Control Office, was adopted.



Use of the data
Data on cancer incidence, prevalence and mortality by sex, age and site are used in cancer prevention and treatment and for research into etiology.

Source of population
The sex and age distribution of the population 1998–1999 was estimated by interpolation based the sex and age distributions of the 1990 and 2000 census populations. The sex and age distribution of the population 2001–2002 was estimated by extrapolation based on the sex and age distribution of the 2000 census population.

Multiple primary rules used
IACR rules (2000).

Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

China, Nangang District, Harbin City

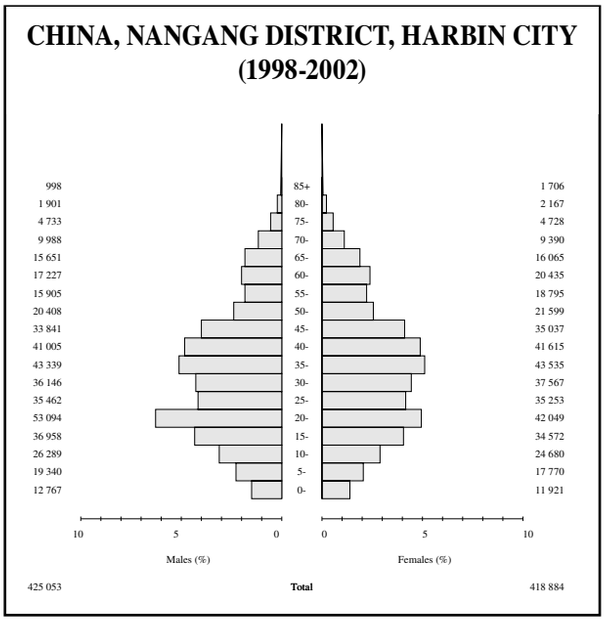
Registration area

Nangang district, located in the centre of Harbin, is the largest canton in Harbin and borders on the Daoli, Daowai, Xiangfang, Dongli and Pingfang districts. It lies within longitude 125º42' and 130º10'W, and latitude 44º04' and 46º40'N. It has a temperate zone continent/trade wind climate, with an average monthly rainfall of 38–68mm and average annual humidity of 65%. The total area of the district is 182.87 km^2, including an urban area of 60 km^2, which is one third of the total area of Harbin.

The population of Nangang is 1 001 377 persons, of which 90% are Han. The rural/urban breakdown is 61 146 and 940 231 persons respectively.

Cancer care facilities

The following diagnostic facilities are available in the area: clinical, surgical, pathology, radioactive x-ray, supravital, CT scan, bone marrow aspiration and autopsy. Chemotherapy, radiotherapy, surgery, Chinese medical science and immunization are the treatments available to the community.



Registry structure and methods

The Harbin cancer registry office was established in 1997, comprising the people of Nangang district, which includes 18 community offices in 3 counties and 1 town. It is located in the chronic faculty of the Nangang disease prevention and control centre, with the supervision of the Nangang board of health. The office is in charge of the registration and reporting of newly acquired malignant tumours and carcinoids of the central nervous system among permanent residents in the district. The administrative obligatory report system is used in the office. The office now has 2 full-time and part-time clerks.

All personnel providing health care at all levels in Harbin are required to complete a report card and submit it to the supervising epidemic prevention station if they diagnose a malignant tumour. Malignant tumour death reports are to be submitted with data on the cause of death.

All healthcare personnel are also required to complete the death report card as well as the medical certificate of death. At present, follow-up visits are limited to tumour death cases, and family doctors in the community health service centre complete the tumour follow-up table. This measure has been in place for three years. The Nangang district includes 1 tumour professional hospital, 6 large polyclinics, and 109 medical units in 23 medium-sized polyclinics. The tumour report cards are catalogued according to administrative area, pinyin and kinds of diseases and after coordination and elimination; they are coded according to the international disease classification ICD-10 and reserved in the tumour cards tank. Computers manage and analyse the data, and all tasks of the registry office are now computerised.

Use of the data

Data accumulated through the years have been used in epidemiological research, cancer trend prediction and research on cancer control policies and counter-measures. Since the tumour reporting system was established in 1997, we have accumulated malignant tumour occurrence and death data from 1990 to 2001 in Nangang district. These data play a vital role in tumour prevention and treatment as well as scientific research, and have been used in 10 articles published in *China Fundamental Medical Care, Public Hygiene* and *Management of China Public Hygiene*. In the framework of the "Ninety-Five" National Science and Technology Innovation Programme, we have submitted basic and statistical data of tumour registration reports to some relevant faculties. Malignant tumour occurrence and death data from 1990 and 1992 were published in the book *The Occurrence and Death of Malignant Tumor in Experimental Cities in China*.

Data on tumour occurrence and death during 1993 and 1997 in Nangang district have been constantly used by *Malignant Tumor Occurrence and Death* (93-97 volume) of 11 experimental cities around the country; occurrence and death data during 1998 and 2002 have been used in the compiled book of volume. The data are an important component of the project *The Research of Common Malignant Tumor Occurrence, Death and Dangerous Factors Monitoring Method*, which is the product of many years of hard work; it will be of vital importance in future cancer control projects, hygiene projects, hygiene cause planning, and investigations of cancer prevalence.

It is believed that with time, these data can play more important roles. With support from health policy leaders at various levels, and with continued effort from the staff, the Nangang tumour registry office can be expected to achieve greater coverage and completeness, and will contribute richer and more accurate data for cancer prevention and control in the future.

Multiple primary rules used

Impossible to detect multiple primaries.

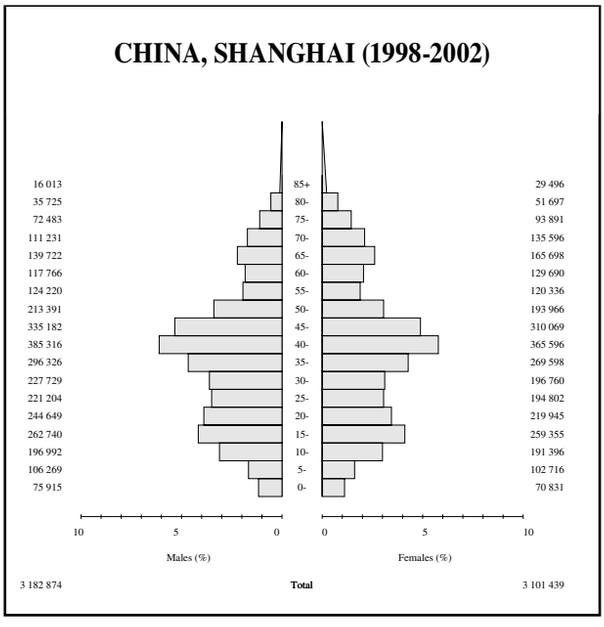
China, Shanghai

Registration area

Shanghai is situated on the east coast of China at 31°14' N latitude and 121°29' E longitude. The total area of Shanghai Municipality is 6340.5 km^2. There are about 13.52 million inhabitants in the municipality. The registration area during 1998–2002 covered nine urban districts with an area of about 289.4 km^2 and 6.19 million inhabitants, 99.1% of whom are Han Chinese. Ninety-five percent of the population are non-religious; the other 5% are Buddhists, Taoists, Islamites and Christians. Most of the population is immigrants from all over China, mainly from neighbouring Zhe Jiang and Jiang Su Provinces.

Cancer care facilities

Shanghai has a 3-level general health care network, including more than 400 hospitals and community health service centres. The first-level facilities are all the community health service centres providing predominantly primary health care. The second-level facilities are the district hospitals, most of which have a Cancer Department. The third-level facilities are all the municipal hospitals and the Shanghai Cancer Hospital. Most of the second- and third-level facilities provide radiotherapy, cancer surgery and chemotherapy services.



Registry structure and methods

Organisation of the Shanghai Cancer Registry is now based upon a 3-level network of disease prevention and control. The first level is the Registry of Shanghai CDC. The staff of this level consists of 2 senior and 3 junior epidemiologists, 2 statisticians and 1 assistant statistician. The second level consists of CDCs in 19 districts. In each district CDC, 1–2 epidemiologists and 1 assistant are responsible for cancer registration. The third level consists of 207 community health service centres. There are 1–2 workers responsible for home visit and data checking; most of them are community GPs.

Shanghai Cancer Registry is a population-based cancer registry that collects, analyses and disseminates information on cancer incidence, mortality and survival in the Shanghai urban area. The registry was established and started operating in 1963. The registry became essentially population-based by 1972, and complete incidence and mortality data for the urban area in Shanghai Municipality are available from 1973 onward. The registry was operated by the Shanghai Cancer Institute before 2002, when it moved to Shanghai Municipal Centre for Disease Control and Prevention.

All second- and third-level medical facilities (about 170 units) in Shanghai are responsible for notifying all newly diagnosed cancer cases and cases of benign tumours of the central nervous system to the registry. A standardised notification card, which includes demographic information, cancer site, date and basis of cancer diagnosis, is used for reporting cancer cases. The notifications are sent to the cancer registry and filed according to the name of the patient and administrative district of residence. Home visits are carried out for every case to confirm if the cancer patient is a permanent resident. All patients residing outside the registration area are deleted from the cancer registry.

Data on cancer notification cards are computerised using specially-designed computer software that directly reads Chinese characters. Cards with similar contents are examined by registry staff and duplicates are deleted.

Death certificates for all cancer patients are obtained monthly from the Vital Statistics Section of the Shanghai Municipal Center for Disease Control and Prevention and collated with the file of new cases kept in the registry. If the deceased was not registered prior to death, the registry staff interviews the relatives of the case to obtain information on the hospital where the case was diagnosed and treated, date and basis of cancer diagnosis.

Interpreting the results

For a long time the Registry collected information on new cancer cases only in the urban area, and in suburban and rural areas of Shanghai collected information only on cancer deaths. The urban area expanded from 159 km^2 to 289 km^2 over the past 30 years, and the population increased from about 5.7 million to 6.3 million.

In the past 30 years the number of hospitals responsible for cancer cases increased from 117 to 175 in Shanghai. Shanghai is one of the areas with the highest level of cancer diagnosis and treatment in China. Almost all of the cancer patients in urban area covered by our Registry are diagnosed and treated in those hospitals.

A mass screening programme on cervical cancer with Pap smear examination began in urban Shanghai in the late 1950s. All employed women have a Pap smear every 2 years, provided by local maternal hospitals and paid for by both the government and the employer. Almost all of the hospitals in Shanghai can provide PSA testing when necessary, but there is no mass PSA testing programme screening for prostate cancer.

The anatomic sites of cancer cases were coded using both ICD-9 and ICD-10 from 1998 to 2001 and using only ICD-10 since 2002. The histology and behaviour have been coded using ICD-O-2 since 2002.

Use of the data

The registry provides a Shanghai Cancer Report annually to the government, institutes and hospitals. The report

helps to establish cancer prevention plan and policy. The report also provides basic cancer information to support community cancer control and prevention activities, such as community-based cancer patient care services. More than 20 case–control and cohort studies have been conducted in the past 30 years using Shanghai Cancer Registry data.

Source of population
1998, 1999: Interpolated by the sex and age distribution of the population of the 1996 and 2000 census data. 2000: census. 2001, 2002: Extrapolated by the sex and age distribution of the population in the 2000 census.

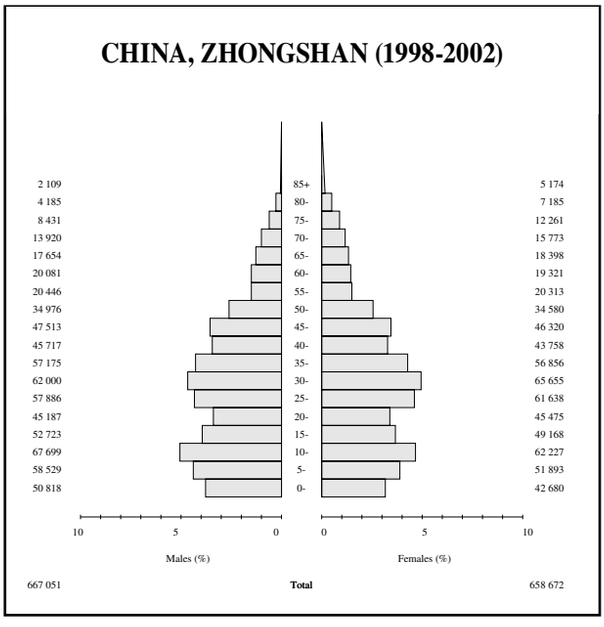
Multiple primary rules used
IACR rules (1990).

Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation). This registry has the lowest histological verification rate in the monograph.

China, Zhongshan

Registration area
Located at the mid-southern part of Canton in the hinterland of the Pearl River delta, the Zhongshan cancer registry covers 1683 km^2 and includes the population of 24 towns and districts. In 2000, the population of Zhongshan was 1 360 302, about 45% of whom lived in urban areas. Most Zhongshan residents practice Buddhism, Daoism, or Christianity.

Cancer care facilities
The city hygiene bureau, through all kinds of hospitals, clinics and the CDC, provides health care in Zhongshan. Private practitioners are relatively few in the region. Although there are not any independent cancer centres or hospitals in Zhonghsan, several large comprehensive hospitals have cancer departments that provide surgery and chemotherapy service for cancer patients. Only the Municipal People's Hospital has radiotherapy facilities, to which all cancer patients in Zhongshan are referred when radiotherapy is necessary. For differing reasons, some cancer patients will go to hospitals of neighbouring cities such as Guangzhou for diagnosis or treatment.



Registry structure and methods
The Zhongshan cancer registry is affiliated with Zhongshan People's Hospital, and is funded by the hospital and the municipal and provincial health departments. One full-time medical officer and two full-time registrars staff the registry. Each hospital in Zhongshan has a part-time registrar to help collect cancer data and to follow up cancer patients.

Passive and active registration methods are used in Zhongshan cancer registry. The active case finding method is the major means of finding new cancer cases, as more and more doctors do not notify cancer cases on their own initiative.

The registrars identify cancer cases from all possible sources, such as medical record departments, pathology departments, bone marrow test laboratories, radiotherapy departments, the death registry, etc. All cancer data are collected and sent to Zhongshan cancer registry, where an experienced registrar first checks the data to see if it is a duplicate case, is missing any important items or has any logic mistakes. If everything is acceptable, the cancer data are coded and entered on computer for storage and analysis, and the notifying card is stored in the data room. If not, the data are traced back to correct or complete the faulty or missed information.

Arrangements are also made with the hospitals outside the registration area to notify the registry of any resident cancer cases that they diagnosed or treat; they are visited once a year to review these procedures. Data are evaluated according to the IARC and the Cancer Prevention and Treatment Office of China rules.

Interpreting the results
Theoretically all cancer data should be reported to Zhongshan cancer registry if all cancer patients go to hospitals for diagnosis and treatment. But some patients do not want it known they are ill with cancer, and use a false address or name; these patients are very often missed. Some foreign cancer patients use the local address when asked to provide their place of residence, which results in the cancer patient being mistakenly identified as a native cancer patient.

As Zhongshan is one of the areas with high incidence of and mortality from nasopharyngeal cancer in China, in 1986 we screened more than 42 000 natives aged 25–65 in 16 of 34 towns in Zhongshan using EBV VCA/IGA and EA/IGA immuno-enzyme serological tests; most of them were followed up until 2000.

PSA testing is part of routine hospital checkups, and almost every hospital in Zhongshan provides it.

Before 1990, liver trematode disease, cirrhosis and bile duct cancer were very common in Zhongshan due to special fish breeding methods and the local diet that includes uncooked fish meat. Since then fish breeding methods and the habit of eating uncooked fish meat have changed, and the incidence of those diseases decreased greatly. In recent years, with the progression of industrialisation, urbanisation and heavy transportation, environmental pollution has worsened, which may influence cancer incidence and mortality in Zhongshan.

Use of the data
The registry prepares an annual report of cancer incidence, highlighting trends and changes. Some special studies of survival of registered cancer cases (nasopharyngeal and lung cancer) have been carried out, and we are now collaborating with Queen Mary Hospital of Hong Kong to explore new serological screening tests of nasopharyngeal carcinoma. Zhongshan policymakers are paying increased attention to health problems, and refer to our cancer registry data when making health policy.

Source of population
The age group proportion of 2000 was obtained through census. Other population data were estimated accordingly.

Multiple primary rules used
IACR rules (1990).

Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

Cyprus

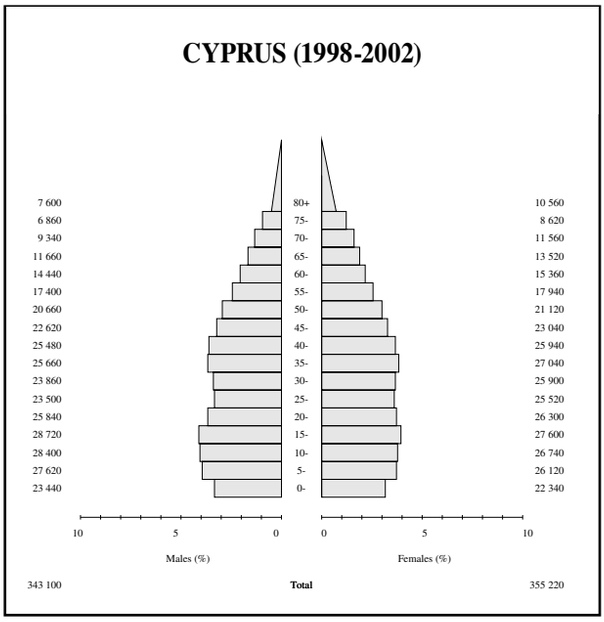
Registration area
The Cyprus Cancer Registry covers the population of five districts (Nicosia, Limassol, Larnaka, Paphos and Famagusta). The population in the government-controlled areas was 715 100 in 2002.

Cancer care facilities
General health care in Cyprus is provided by both the Ministry of Health through the district hospitals and the primary health care centres and through the private sector. The Bank of Cyprus Oncology Center, a non-profit organisation funded by the Government provides healthcare services to cancer patients. The services provided at the oncology centre include radiotherapy, chemotherapy and hormonotherapy.

Registry structure and methods
The Registry is co-funded by the Ministry of Health and the Middle East Cancer Consortium (MECC). Its main offices are located within the Ministry of Health. It comes under the supervision of the Chief Health Officer and it is staffed by three full-time registrars.

The Cyprus Cancer Registry (CyCR) uses active case finding from various sources, mainly (a) general hospitals' in-patient records, and inpatient and outpatient facilities in each district, (b) the bank of Cyprus Oncology Center, (c) the private sector hospitals inpatient and outpatient facilities, (d) pathology laboratories, (e) haematology laboratories and (f) cytology department. The death registration system is inadequate and incomplete for the time being. A restructuring of the death registration system is currently underway.

The registry staff visits all sources and scrutinises the records kept in the medical records departments and registers of individual departments concerned with diagnosis and treatment of cancers, in order to identify and abstract information on cases of cancer diagnosed by all methods among residents of the registry coverage area. Cancer is not currently a notifiable disease in Cyprus.



Interpreting the results
Estimation of the completeness and accuracy of data is performed by external quality control group. A breast cancer screening program has been operating since 2003; screening is provided by the Ministry of Health free of charge to all women between the ages of 50–69.

The data provided in Volume IX includes all foreigners registered in the CyCR, which is not the case in our cancer report.

Use of the data
The Registry prepares a triennial report of cancer incidence, highlighting trends and changes.

Multiple primary rules used
IACR rules (2000)

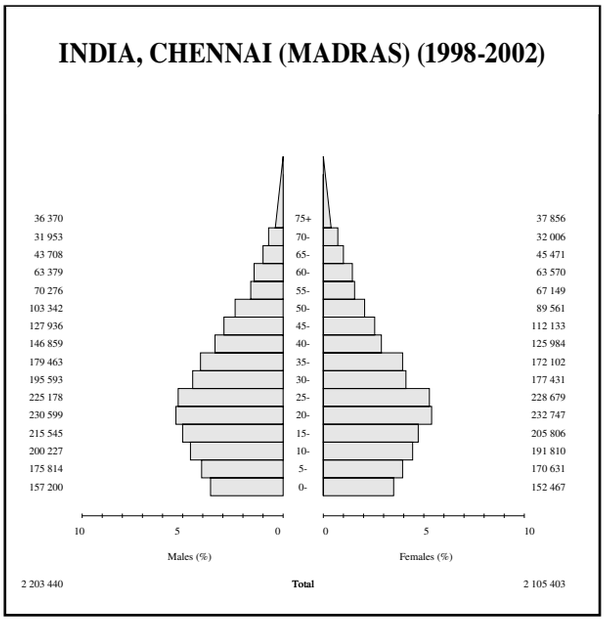
Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

India, Chennai (Madras)

Registration area

The Madras Metropolitan Tumour Registry (MMTR), a population-based cancer registry, was established at the Cancer Institute (WIA) in 1981 in the network of the National Cancer Registry Programme (NCRP) of Indian Council of Medical Research, New Delhi, to study patterns and trends in cancer incidence and mortality in Chennai City (formerly Madras). Data collection commenced 1st January 1982.

The city of Chennai is situated at sea level on the Coromandel coast of peninsular India at latitude 13.04° N and longitude 80.17°E. The MMTR caters to an area of 170 km^2 and a population (entirely urban) of 4.3 million (957 females to 1000 males) as on 1st March 2001, constituting 0.4% and 7.0% of the total population of India and the state of Tamil Nadu respectively. The decadal population growth rate during 1991–2001 was 13.07%, and the population density was estimated to be 24 964 persons/km^2. The literacy rate is 85% (M: 90%; F: 80%) and the predominantly spoken language is Tamil. The majority are Hindus (82%) followed by Muslims (9%) and Christians (8%), with the rest belonging to other religious groups (1%).



Cancer care facilities

General health care, including cancer diagnostic and treatment facilities, is provided by the government health service, the Cancer Institute (WIA), which is a Regional Cancer Centre in Ministry of Health and Family Welfare, Government of India and supplemented by private practitioners and hospitals. The Radiation Oncology division at the Cancer Institute (WIA) is one of the best equipped centres in India. Radiation facilities are also available in four Government and five private hospitals. Surgical and Chemotherapeutic services are offered in government and private hospitals and nursing homes.

Registry structure and methods

The MMTR, besides a Principal Investigator, comprises a medical officer, two statisticians, a computer programmer, ten social workers and a data entry operator. Cancer is not a notifiable disease in India; therefore registration of cases is done actively.

The registry continues to enjoy good cooperation from all healthcare facilities in and around Chennai, with more than 225 sources of registration to date: government and private hospitals, nursing homes, clinics, consultants, pathology laboratories, imaging centres and hospices.

The Social Scientists of the registry visit the collaborating hospitals regularly and collect data on cancer by interviewing the cases wherever possible and/or medical records. Deficient medical records are updated via linkage of data collected from various departments within a hospital for completeness of details.

Mortality information on all deaths occurring in the city, irrespective of the cause of death stated on the death certificate, is collected from the Vital Statistics Division (VSD) of the Corporation of Chennai.

Management of data has been progressively computerised to minimize the manual work, resulting in the enhancement of data quality. Reliability of data and quality of registration are constantly monitored, with emphasis on re-abstraction and coding on a random sample of cases and case finding. Validity checks are done using IARC, NCRP and other in-house developed computer programs.

Interpreting the results & use of the data

The completeness of registration of cancer cases in MMTR is estimated to be 96%. Cancer information is disseminated by publishing periodic reports and descriptive epidemiological studies on cancer incidence and mortality highlighting the trends and patterns.

MMTR has been the pioneer in many registry-related activities in India: systematic trace-back of death certificate notifications, active follow-up of registered cases, collection of mortality data and survival analysis of top ten cancers.

A new registry known as the Dindigul Ambilikkai Cancer Registry, covering a population of 2 million, was started in 2004 to provide reliable data on cancer incidence in rural area and to evaluate the randomised field intervention trial on cervix cancer under the auspices of the International Agency for Research on Cancer, France.

MMTR provides data to the ICMR project on "Development of an Atlas of Cancer in India". It is also involved in a population-screening program on cancers of the cervix, breast and oral cavity that is conducted by the Cancer Institute (WIA) in the neighbourhood.

Source of population

Estimated for 1998–2000 & projected for 2001 & 2002. Population estimates by five-year age groups according to sex by difference distribution method using exponential growth rate between 1991 & 2001 census populations of Chennai city. Census of India 1991. Socio – Cultural Tables Vol. I Series 23, Tamil Nadu, Part IV A – C Series. Directorate of Census Operations, Tamil Nadu 1997. Census of India 2001. Report and Tables on Age. Tamil Nadu, C–14 Series. Directorate of Census Operations, Tamil Nadu 2005.

Multiple primary rules used

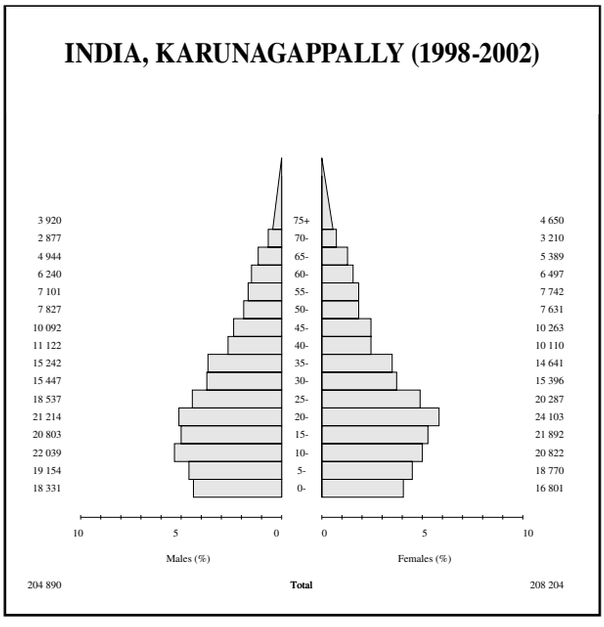
IACR rules (2004) on CI5 IX period.

India, Karunagapally

Registration area

The Cancer Registry Karunagapally, India is located in the Kollam District of Kerala, situated around 9° N latitude and 77° E longitude. The area is rural as per census definition; geographically, it is lowlands with backwaters and coastlines. The Registry area covers 212 km^2 (land area 193 km^2) covering the total taluk of Karunagapally with a population density of over 2000/km^2. The coastal belt of this taluk is known worldwide for its rich deposits of rare earth mineral sands containing radioactive materials, mainly thorium. About 100 000 people are constantly exposed to this radiation. Population is more or less stable, and the majority are agricultural labourers, fishermen, coir labourers, etc. 99% of the people live in rural areas and 1% in semi-urban area. Births & deaths occurring in the Panchayats are registered in the respective Panchayat offices.

The three major religions are Hindus, Christians and Muslims. The population at the 1991 census was 383 514 (189 647 males and 193 867 females). There has been no change in area or population covered by the registry since its initiation in 1990.



Cancer care facilities

Health Care Services in Karunagapally taluk is provided mainly by State Health & Family Welfare Department through a Taluk Headquarters Hospital, 12 Primary Health Centres and few sub-centres. There are several Private Hospitals and Medical Practitioners in the area.

Regional Cancer Centre in Thiruvananthapuram located 100 km away and Alappuzha Medical College Hospital 65 km away are the two nearest cancer treatment centres offering cancer care and treatment facilities.

There are no cancer detection facilities or dedicated cancer treatment facilities in the area except cytology detection facilities, pain clinics and supportive clinics offered by the registry with the technical help of Regional Cancer Center, Thiruvananthapuram. There are no added diagnostic facilities like PSA testing in this area, and the only regular screening procedure available was Pap smear screening programs.

Registry structure and methods

Regional Cancer Centre, the comprehensive cancer treatment centre of Kerala, started Cancer Registry, Karunagappally as a special purpose registry in 1990. The Registry's main objective is to study cancer occurrence and its relation to the natural radiation present in the sea coast of Karunagappally taluk. The registry office is located in Neendakara. The study and the Registry were initiated in 1990 with the support of Department of Atomic Energy, and since 1999 it has continued with funding from Health Research Foundation, Japan & Local Area Development fund, Government of Kerala. Registry staff includes one Research Officer from RCC, 6 Field Investigators, 3 Data Processing Assistants and one Statistician.

We adopted active cancer case finding method for Cancer Registration, as cancer is not a notifiable disease here. The field investigators scrutinise medical records of several hospitals to locate cancer cases. More than 60 sources including Regional Cancer Centre, Medical College Hospital Thiruvananthapuram, District Hospital Kollam and Taluk Hospital and other Government hospitals in Karunagappally are visited regularly. Major private hospitals in the registry area and nearby Kollam town are also visited regularly for case finding. Further, records maintained by Pathological laboratories in Kollam District and Thiruvananthapuram and also of the Vital Statistics division of the local panchayats and Kollam Muncipal Corporation are scrutinised to locate cases from the panchayat. Investigators abstract cancer cases diagnosed by all methods among residents of the registry area. Medical Practitioners give details about the cancer cases seen in outpatient clinics. Systematised field visits are done in the registry area to locate these cases. Death registers are available in Vital Statistics Division of the panchayats but the information is not adequate for scientific purposes. We trace back all the deaths in the community through house visits and obtain relevant information about cause of death etc. Autopsies are extremely rare, restricted to medico-legal cases. The collected data are processed and computerised after duplicate elimination and checked for consistency using a computer programme. Regular evaluatory procedures are done to ensure accuracy of the registry data.

The radiation effects study has progressed from 1999 onwards based on a cohort approach. A radiation cohort with high radiation and a control cohort with low radiation exposure were selected, and the study was pursued with individual dose estimation and special surveys like migration, occupancy, and mortality for in-depth analysis and estimation.

Interpreting the results

The Registry office has a well-equipped cytology laboratory, and weekly detection clinics are run by the registry in Government Taluk Headquarters Hospital. This increased the microscopically verified percentage of cases. Cancer follow-up clinics, pain & palliative care services, field detection clinics and Pap screening programmes were organised by

the Registry in which doctors from RCC participated. Thus cancer cases diagnosed in this area will not be missed due to intensive casefinding methods including house-to-house visits in the registry area.

Use of the data
The main objective of the data is research on the effects of chronic exposure to the natural radiation. Cancer control measures and cancer patient services are developed in the registry area using the registry data. Studies are ongoing for population-based survival and mortality data analysis. The registry annually prepares reports on cancer incidence highlighting trends and changes.

Source of population
The Governmental census population data of 1981, 1991 and 2001 were available. The growth rate between 1991 and 2001 in rural Kollam was 7.99%, which was lower than the growth rate between 1981–1991 (10.68%). Age-specific census data of 2001 was not available for Karunagappally Taluk. The 1991–2001 growth rate was applied to each group of 1991 estimated Karunagappally population and using exponential growth rate, the population by age and sex as on July 2000 was obtained.

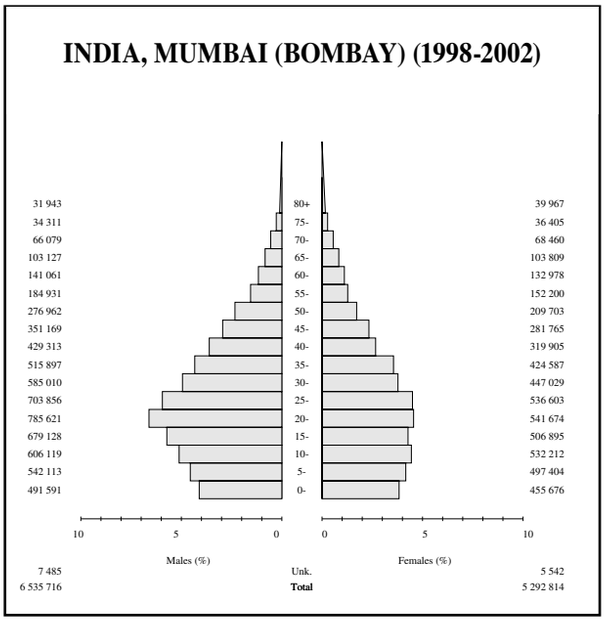
Multiple primary rules used
Impossible to detect multiple primaries.

India, Mumbai (Bombay)

Registration area
The Mumbai (Bombay) registry covers the resident population of Greater Mumbai, a densely-populated metropolis on the west coast of India, occupying an area of 437.7 km^2 between latitudes 18–19^0 N and longitudes 70–71^0 E. Greater Mumbai is in fact an island joined to the mainland by bridges, and has a warm, humid climate.

The population of Greater Mumbai as per 2001 census (1st March) was 11.9 million with a sex ratio of 811 females per 1000 males. It has a density of 2220 inhabitants per km^2, making it the most populated district in the country. The decennial growth rates of the population between 1991 and 2001 were in the order of 20.2. The literacy rate was found to be 87%.

The city is the industrial heart of India. As a result of continuing immigration it has multi religious and multilingual population representing every state in the Union, approximately 67.4% being Hindus, 18.6% Muslims, 3.7% Christians, 5.2% Neo-Buddhists and 3.7% Jains, 0.5% Parsis and 0.6% Sikhs.



Cancer care facilities
Municipal Corporation and State Government maintain the majority of hospitals in Mumbai and the major source of the data is the Tata Memorial Center, which is a postgraduate university teaching centre for cancer research. The City has five medical colleges. The diagnosis and treatment of cancer is centralised in certain hospitals. Major cancer surgery is undertaken in all the major hospitals and well-equipped private nursing homes. Facilities for cobalt–60 are available in 9 hospitals, while ulto-voltage deep x-ray therapy is available in 15 hospitals.

A total of about 30 000 hospital beds are available in the registration area. There have been improvements in diagnostic facilities, as new hospitals have immerged with histopathology and imaging facilities in registration areas. Radiotherapy departments have also increased from 2 to 9 hospitals. Chemotherapy is available in many new hospitals.

Registry structure and methods
The Mumbai cancer registry was established in June 1963 as a unit of the Indian Cancer Society with the aim of obtaining reliable incidence and mortality on cancer from a precisely defined urban population. Compilation of data began in 1964. Until then, no continuing activity on registration of cancer cases in a population had been undertaken in India. The registry started in collaboration with and up to 1975 received financial support from the Biometry branch of the US National Cancer Institute. During 1976–80 the registry received Financial support from the Department of Science & Technology, of the Government of India and the Indian Cancer Society. Since 1981–82, the registry has been funded in part by the Indian Council of Medical Research.

The registry staff consists of a Deputy Director who looks after the day-to-day administration, prepares research articles and annual reports, attends National & International conferences etc.; social investigators (12 involved in data collection); research assistants (6 Editing and Coding); two data entry operators; a programmer; an office superintendent and two attendants.

Information is obtained on all cancer patients registered in 160 Government hospitals/institutions and private hospitals/ nursing homes in Mumbai who are under the care of a specialist. General Medical Practitioners are not contacted individually as according to local practice. Only specialists assume charge of cancer patients in private hospitals and nursing homes, and even the few patients not admitted for hospital care are at some stage referred to a specialist.

Staff members of the registry visit the wards of all co-operating hospitals at least weekly to personally interview each cancer patient as well as those suspected of having cancer. All files maintained by the various departments of these hospitals are crosschecked individually. Care is taken to prevent duplication of an entry relating to a patient already registered.

With the exception of Tata Memorial Hospital for cancer, hospital outpatient records are not included in the registry files, because of the paucity of clinical details and the lack of specific information on the residential status of patients attending these clinics. Supplementary information is gleaned from the death records maintained by the Municipal Corporation.

The registry records follow-up information for almost all major sites.

Already we have carried out two special studies on the evolution of the completeness and accuracy of the data.

Interpreting the results
There are no screening programmes underway in the area covered. Tobacco chewing is very prevalent in both sexes. Smoking, particularly bidi, is prevalent in males but almost nil in females.

Use of the data
The registry publishes annual reports, and has published numerous journal articles and monographs. The data are also used by public health workers for etiological and cancer control studies. As the oldest registry in the country, the registry is a rich source of data for studying time trends in cancer incidence and mortality.

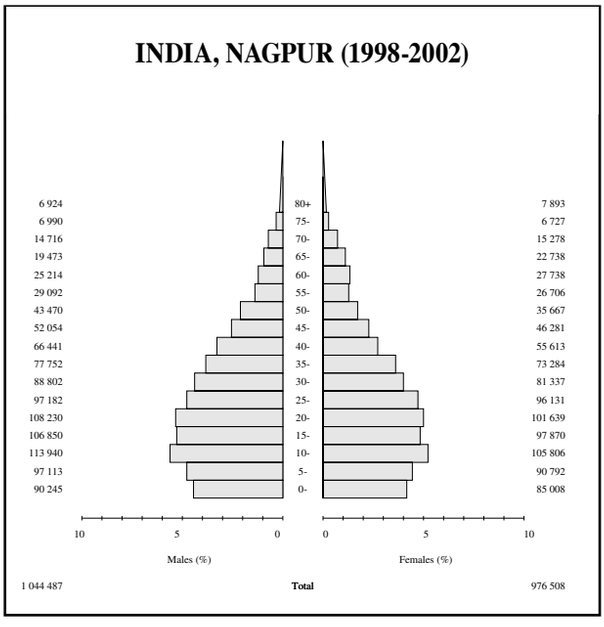
Source of population
Estimated using geometric rate of growth between census periods of 1991–2001.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

India, Nagpur

Registration area
Western Maharashtra, Vidarbha, and Marathwada are three geographical divisions of Maharashtra state. Nagpur city is the headquarters of the Vidarbha region. The city of Nagpur is located in the centre of the Indian sub-continent and is linked by air with all parts of the world and by rail and road with all parts of the country. Its configuration presents a unique combination of plateau, plain, hill and dale along the Nag Stream following West-East.

Nagpur city has extremely hot summers and moderately cold winters. The lowest temperature reaches to 3.9^{0}C in January and the maximum reaches 47.8^{0}C in May. The main precipitation occurs during the Monsoon, which begins around mid-June and lasts until mid-October. The average annual rainfall is about 1130mm. Nagpur city receives its water supply from the Ambazari and Gorewara tanks.



Nagpur lies on latitude 21°N and longitude 79°E. Nagpur city covers 236.93 km^2 with a population of 2.05 million (2001 Census). The density of population is 8660 per km^2, and the population is multi-religious, with 71.4% Hindus, 10.3% Muslims, 1.1% Christians, and 15.4% Neo-Buddhists.

Nagpur city is of historical importance. In mythology the god Ram traversed this region in route to the hermitage of Saint Shrutikrishna. He is supposed to have proposed on the Ramtek Hill, which has the name of Ramgiri, where a very beautiful "Meghdoot" was composed and written by the famous Sanskrit poet Kalidas. Buddhist ruins and archaeological remains show that this region was under-developed until the 18th century. Although it was ruled by the dynasties such as the Vakataka Rajputs, Rashtrakuts, the Parmars, and the Shails, the semi-aboriginal nomadic Gaolies also occupied it from the 6th to 16th centuries.

Cancer care facilities
Information is obtained on all cancer patients registered at the 10 major hospitals and 25 nursing homes in Nagpur, and from the Tata Memorial Hospital and other leading hospitals in Mumbai, as patients from Nagpur go there for treatment because of their excellent facilities. General medical practitioners are not contacted individually. Missed cases are checked via the death records maintained by Nagpur Municipal Corporation.

The 10 major hospitals in Nagpur City and 6 major hospitals in Mumbai contribute data to this registry. In all of these hospitals histopathology and imaging methods are available. In Nagpur there are two radiotherapy centres, and chemotherapy treatment is available in 5 hospitals.

Registry structure and methods
The Nagpur Cancer Registry division of the Indian cancer Society became operative on 1st January 1980, with the collaborative effort with Nagpur Medical College, with the aim of obtaining reliable incidence and mortality data on cancer from a precisely defined urban population.

Since its inception this registry has been financially supported by Indian Cancer Society, Mumbai. The staff of the registry consists of 4 Social Investigators (registrars are involved in data collection) and one supervisor (who looks after administration and completeness of data collection). Editing, coding and analysis are carried out at the Mumbai Registry Office where 1 coder and 1 DEO are involved.

Data are maintained on registry proformas and on computer files. Duplication of cases is checked via a comprehensive alphabetical index card system and by computer programmes. Data analysis is carried out at the Mumbai Cancer Registry. The registry does not record follow-up information.

Interpreting the results
There are no screening programmes underway in the area covered. Tobacco chewing is very prevalent in both sexes. Smoking, particularly bidi, is prevalent in males but almost nil in females.

Use of the data
The registry publishes reports every five years. The State Government also uses the data for district cancer control programs. The data are also used by public health workers for etiological and cancer control studies.

Source of population
Estimated using geometric rate of growth between census periods of 1991–2001.

Multiple primary rules used
IACR rules (1990).

Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

India, New Delhi

Registration area

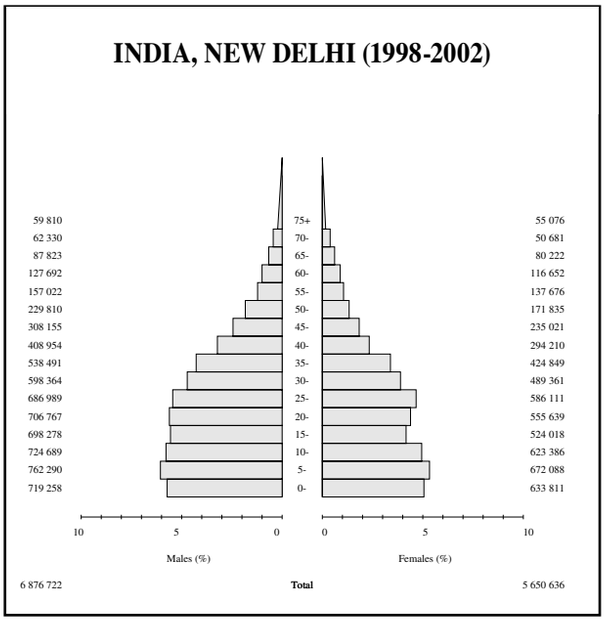
Delhi is a densely populated urban metropolis situated between the Himalayas and the Aravalli range in the heart of Indian sub-continent. It lies between 28° 25' and 28° 53' N latitude and 76° 50' and 73° 20' E longitude. It is surrounded on the north, west and south by Haryana and the east by the Uttar Pradesh.

The population census is taken every ten years in India, the last one being in 2001. According to the 2001 census the population in Delhi was 13 850 507 (Males: 7 607 234; Females: 6 243 273). The sex ratio in Delhi is 821 females per 1000 males. The density of population is 9 294 persons per km^2, versus 6352 persons in 1991.

The total population of Delhi UT as per 2001 census (as on 1 March 2001) was 12 819 761 (Males: 7 030 671; Females: 5 782 090). The sex ratio in Delhi UT Urban was 822 females per 1 000 males.

The total area of NCT of Delhi is 1483 km^2. Per the 1991 census, its rural and urban composition are 797.66 km^2 and 685.34 km^2 respectively. During Population Census 2001, the area of the NCT of Delhi remained the same at 1483 km^2. However, its rural-urban composition has undergone change. According to provisional results released by Directorate of Census Operations, Delhi, the rural-urban distribution of the NCT of Delhi is 591.91 km^2 and 891.09 km^2 respectively.

Since the population by age is available for Delhi UT urban areas only, it was therefore suggested that Delhi Registry may be defined for Delhi UT Urban areas only.



Registry structure and methods

The population-based cancer registry at Institute Rotary Cancer Hospital (IRCH), All India Institute of Medical Sciences (AIIMS), New Delhi was established in January 1986 with the aim of obtaining reliable morbidity and mortality cancer data among the Delhi residents.

The registry collects morbidity and mortality data on cancer patients from 159 major government hospital centres and institutions, more than 250 private hospitals and nursing homes, and the Dept. of Vital Statistics of the Delhi Municipal Corporation, New Delhi Municipal Committee and the Cantonment Board.

Staff working in Population Based Cancer Registry, Delhi, Dr. B.R.A. Institute Rotary Cancer Hospital, All India Institute of Medical Sciences, Ansari Nagar, New Delhi-110 029 are 3 scientists in statistics and medicine, 9 medical social workers, one data entry operator and one lower division clerk.

Although cancer is not a notifiable disease, arrangements have been made with the hospitals outside the registration area to notify the registry of resident cases which are diagnosed and treated in them; they are visited once a month or year to review these procedures. General medical practitioners are not contacted individually, as at one stage or the other almost all cancer patients are referred to specialists. The smaller nursing homes/clinics are contacted by letters and registration about cancer patients being treated by them are recovered on a per forma.

Medical social workers visit various collaborating hospitals and nursing homes and interviews the patients who are either undergoing cancer treatment or being investigated for cancer at radiotherapy department. They also examine the case records maintained by various departments of these hospitals, viz. Pathology, Haematology, Radiology etc. Many patients present at advanced stages of disease, and treatment may commence without waiting for the results of investigations. Therefore even cases diagnosed on the basis of clinical findings alone are also registered. All the information collected is cross-checked for completeness of the data. Sometimes the same patient may register in more than one hospital for treatment, so care has been taken to exclude duplicates.

The death registration system is very inadequate and incomplete; the cause of death often not mentioned or given as cardio-respiratory arrest. The registry staff visits these sources, where they scrutinise the records kept in medical records departments, and registers of individual departments concerned with the diagnosis and treatment of cancers, to identify and abstract information on cancer, diagnosed by all methods, among residents of registry area. These death records are then matched with the morbidity records. Cases not matching with the records are registered as Death Certificate Only cases (DCOs) in that corresponding year.

All the data collected were coded using ICD-O-1 and ICD-9. Inconsistencies in coding are corrected using quality check programmes. Validity checks are also carried out on all variables, and records with missing values and impossible codes were checked against the original files and corrected. Finally, a series of checks such as site versus sex and histology, sex versus histology, age, etc., were carried out to detect coding or keying errors.

Use of the data

The registry regularly prepares annual/biennial reports on cancer morbidity and mortality along with the cancer incidence, highlighting trends and changes. Case–control studies on gall bladder cancer and prostate cancer among the Delhi resident population have also been carried out. Some special studies on patterns of care and survival in breast, cervix and head and neck cancers are ongoing.

Source of population

The estimation of population for Delhi UT urban for the years 1998 to 2002 has been done exponential method by taking as a basis a 1981, 1991 and 2001 census figures.

Multiple primary rules used

ICD–O–1 (1980)

Notes on the data

The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

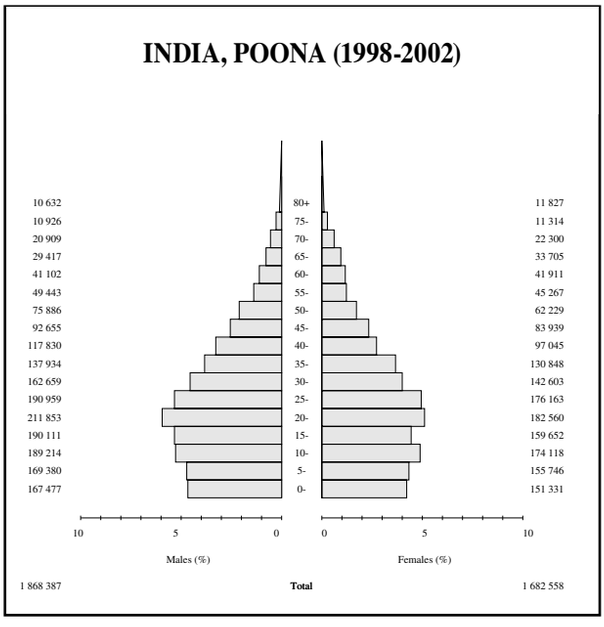
India, Poona (Pune)

Registration area

The Poona (Pune) is a district of Maharashtra lying between 17^0 & 19^0 N and 17^0 & 75^0 E. It has a dry and invigorating climate due to its attitude (487m) above sea level and the prevalence of westerly breezes. Its soil is free from alluvial deposits. The lowest temperature is 9^0C in January and maximum reaches 40^0C in May. Precipitation occurs primarily during the south-west monsoon, which begins around the middle of June and lasts until mid-October. The average rainfall is about 900mm. Poona city receives its water supply from Khadakwasala dam nearby.

The Poona city agglomeration covers 344.18 km^2 with a population of 3.55 million (2001 Census). The population density in 2001 was 10 330/ km^2, and the area supports a multi-religious group. According to 2001 Census, 79.7% are Hindus, 8.9% Muslims, 2.6% are Christians, 5.8% Neo-Buddhisst, and 2.2% Jains.

Poona city is of great historical importance. It was once the capital of the old Maratha Kingdom of Shivaji and Peshwas. It has been renowned for its educational facilities since the early part of the century. Being the district headquarters, medical and educational facilities are available in abundance, and many industries have been established in the city and its surroundings.



Cancer care facilities

About 10 000 hospital beds are available in the registry area. The Tata Memorial Center in Mumbai is the only specialised cancer institute in the India, and patients from Poona often seek treatment there. There are 35 major hospitals offering cancer diagnosis and treatment facilities in Poona.

There are 16 major hospitals in Poona City and 6 major hospitals in Mumbai that contribute data to this registry. In Poona and Mumbai hospitals, histopathology and imaging method are available. In Poona city there are 2 radiotherapy centres, and chemotherapy treatment is also available in 9 hospitals. In 1999, a specialised cancer hospital (Inlak Badharani) was established in Poona City.

Registry structure and methods

The Poona Cancer Registry, a satellite registry of the Mumbai Cancer Registry of Poona, commenced operations on 1 March 1972 as a collaborative effort with the B.J. Medical College and the Sasson hospital at Poona with the aim of obtaining reliable incidence and mortality data on a cancer in a precisely defined urban population. Since then, the Indian Cancer Society has provided financial support.

Registry staff includes 3 social investigators for data collection, and a supervisor who looks after administration and completeness of data collected. Editing, coding, analysis is carried out in the Mumbai Registry's office by 1 coder and 1 DEO.

Information is obtained on all cancer patients attending the 35 hospitals in Poona, and from the Tata Memorial Hospital and other leading hospitals in Mumbai where patients from Poona go for treatment because of the excellent medical facilities there. General medical practitioners are not contacted individually, according to local practice only. Specialists are in charge of cancer patients in private hospitals and nursing homes in Poona City. Even those patients not admitted for hospital care are referred to a specialist by the general practitioners at some stage.

The death records maintained by the Poona Municipal Corporation provide a means for checking on missed cases.

Staff members of the registry visit the wards of all co-operating hospitals at least once a week to personally interview each cancer patient, including those only suspected of having cancer. All files maintained by the various departments of these hospitals are also crosschecked individually. Editing, coding and analysis of data are carried out at Mumbai Cancer Registry. Data are maintained on computer files. Duplicates are sought using computer programs and a comprehensive alphabetical card index. No patient is followed-up directly by the registry staff.

Interpreting the results

There are no screening programmes underway in the area covered. Tobacco chewing is very prevalent in both sexes. Smoking, particularly bidi, is prevalent in males but almost nil in females.

Use of the data

A five-year report on cancer incidence and mortality is published regularly, and the seventh in this series is ready for publication. The data have also been used for special studies of cancer epidemiology. We report on extent of disease for all sites, and survival only for breast and cervix. District and state cancer control programmes also use this registry data.

Source of population

Estimated using geometric rate of growth between census periods of 1991–2001.

Multiple primary rules used

IACR rules (2004) on CI5 IX period.

Notes on the data

The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

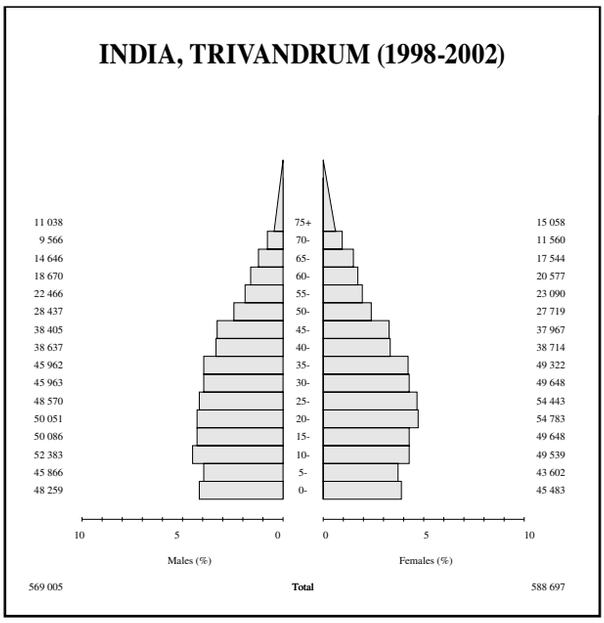
India, Trivandrum

Registration area

Trivandrum registry is situated in Kerala, the most South Western state of India. The health status of Kerala is very advanced, higher than the national average, and is comparable with developed countries. The registry covers both urban and rural population. The estimated urban and rural populations are 568 421 and 589 280 respectively as on 1st July 2000 using data from the census of India. The major religion in this part of the population is Hindus (68%), followed by Christians (18%) and Muslims (13%).

Registry structure and methods

The physical location of the registry is at the Regional Cancer Centre (RCC), Trivandrum. The registry is partially supported by the Finnish Cancer Society, Finland. Four field staff and a data manager work in the registry. The active registration method is used for casefinding by periodic visits to major hospitals, pathology laboratories, and vital statistic offices in the registry area.



The major sources of data for the registry are the Hospital Based Cancer Registry of the RCC, Trivandrum Medical College hospitals (two), and Sree Chitra Thirunal hospital, Trivandrum. All four of these hospitals are located in the same campus. Regional Cancer Centre has excellent diagnostic and treatment facilities. Patients come from all parts of the state of Kerala and from adjoining states. Annually around 10 000 cancer patients are reported in this hospital. In the medical college hospitals, around 2000 cancer patients are reported annually. Other data sources include a few government and private hospitals, pathology laboratories and radiological diagnostic centres.

Information on cancer death is collected from the vital statistics offices. For personal identification, name, age and address of the deceased are obtained from the above offices. Death certification is mandatory, but cause of death certification by a medical practitioner is not. Hence it is assumed that cancer deaths are underestimated.

Quality control (QC) procedures: Annually a 10% random sample is selected from all cases, and re-abstraction is made by a senior staff member with the help of medical officers at RCC. Re-abstraction is done using the same procedure adopted for data abstraction, without reference to the original data. QC data is then checked with the original data; the error percentage is less than 5%.

Interpreting the results

The population at risk was obtained from the decennial census figures. The census data for the year 1991 and 2001 are available by sex and five-year age groups. The populations for urban and rural areas are estimated by using an exponential growth rate method based on 1991 and 2001 census figures (Census of India report 1991 & 2001, Final Population Total, Kerala, India).

Further, an organised oral cancer-screening programme is conducted during the reporting period in some rural populations in the registry area. PSA testing is not common in the population.

As the registry data (more than 80%) are obtained from the hospital-based registry of the RCC, information such as extent of disease, treatment and disease status are available for most patients. Thus the registry data are largely utilised for cancer control evaluation programmes in the state of Kerala. The data have also been widely used for a variety of analyses resulting in several scientific publications.

Multiple primary rules used

IACR rules (2004) on CI5 IX period.

Notes on the data

The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

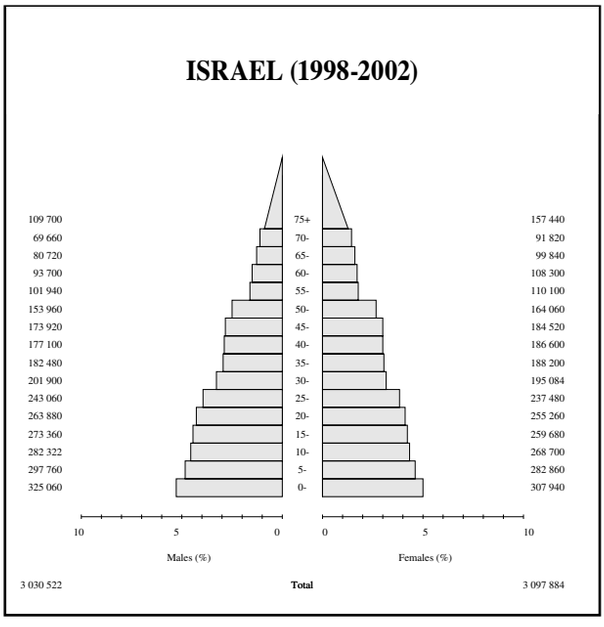
Israel

Registration area

Israel is home to a widely diverse population. Of its 7 million people, 76.2% are Jews, 19.5% are Arabs (mostly Muslim) and the remaining 4.3% comprise Druze, Circassians and others not classified by religion. In the Jewish population there are marked differences in incidence based on birthplace: (Europe and America, Asia, Africa, of Israel). The Israeli population is growing rapidly, both by internal and external means. In the late 80s approximately one million (a fifth of the existing population at that time) immigrated to Israel, mostly from the former Soviet Union. The Israeli population is relatively young; 9.9% are 65 years old and above.

Cancer care facilities

There are 33 public general hospitals and numerous private facilities that diagnose and treat cancer patients, including 18 public oncology institutes and several private facilities. There are 7 radiotherapy institutes with more than 18 linear accelerators and other facilities for treating cancer patients. Radiotherapy institutes distributed throughout the country are accessible to all patients. There are however only 14 active radiotherapists (physicians).



Registry structure and methods

The Israel National Cancer Registry, established in 1960, is part of the Center for Disease Control at the Ministry of Health of Israel. Reporting has been mandatory since 1982, and all Israeli hospitals (and since the late 1980s, also the private pathology laboratories) report, usually by submitting a copy of the medical documentation. Thus data collection is mostly passive, but when needed, registry staff visit reporting sources to collect data actively.

Reporting sources include pathology, cytology, and haematology laboratories; hospital discharge forms; oncology institutes; death notification from district health offices; and the file of deaths from the Central Bureau of Statistics. Since 2000, through collaboration with the Israeli Hematology Society, all haematologists have been reporting the haematological malignancies that they see.

Beginning in the 1970s, several studies have assessed the registry's completeness, with the latest one based on 1994 data. These studies actively searched for cancer patients in a defined period in major hospitals, and compared the resulting data with the registry file. These studies resulted in estimated completeness rates of >94% (usually >95%) for solid tumours.

All Israeli citizens are given unique identification number (at birth or immigration). This number, used in all contacts with the health system and government departments, prevents duplication of data. The registry annually receives a file containing all deaths in the country, which it uses to update vital statuses.

Accuracy and completeness of registration at the Israel National Cancer Registry (INCR) is checked regularly, and a systematic review is done every few years. Ongoing monitoring includes monitoring all reporting sources (more than 90) for volume of reporting, continuous colloquium and monitoring changes and by record linkage with specific cancer databases. A 2003 report based on registration in the early 1990s, estimated completeness of solid tumours to be >95% (90% for non-solid tumours). As a result the INCR, together with the Israeli Center for Disease Control and the 4 HMOs operating in Israel, developed a continuous medical education and training program. In addition, the Israeli Cancer Organization finances 10 clerical positions at various oncology departments for secretaries devoted to registration and notification to the INCR. More than 150 clerks, nurses and physicians have attended these courses to date, and several hundred attended the seminars.

In 2001, the entire database was converted to ICD-O-3. Prior to this change, sites were coded by the ICD-9 and morphology by ICD-O-2. All copies of medical documents are archived (electronically since 1997), and in cases where simple code conversion was not possible, we revised the original documentation and assigned the new code. The database still contains backups of the former coding.

Interpreting of the results

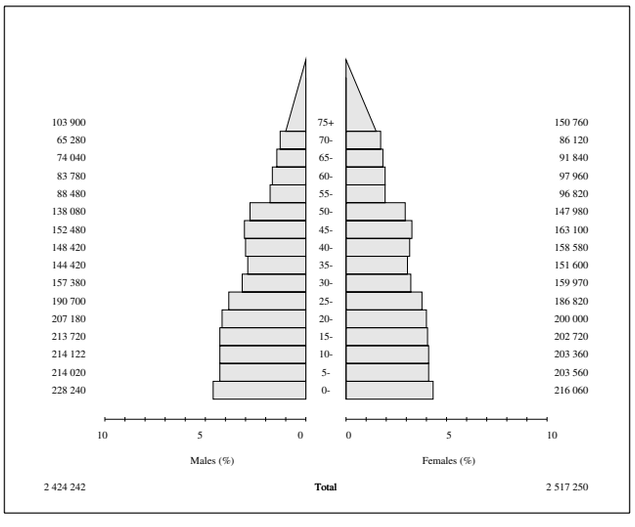
The Ministry of Health together with the Israeli Cancer Association and the 4 HMOs operates screening programs for breast and colorectal cancers. Active mammography screening began in late 1996, and all women aged 50–74 receive biennially a personal invitation for screening. Screening for colorectal cancer, which began in 2005, is made by Faecal Occult Blood Tests. The recruitment technique is the same as for mammography and involves active recruiting. Compliance for the mammography screening is about 60%. There is no organised cervical cancer screening due to its low incidence. The INCR collects data on CIN-III that can also serve as an estimation of ad-hoc screening. There is no official recommendation or screening programme for prostate cancer and PSA testing. Survey data show that awareness of PSA screening is relatively high and use of this test is widespread.

There is an elevated risk of radiation-induced malignant brain tumours and benign meningiomas after childhood exposure to ionizing radiation used in the 1950s to treat tinea capitis, almost exclusively affecting the sub-group originating from North African countries. Thyroidal cancer

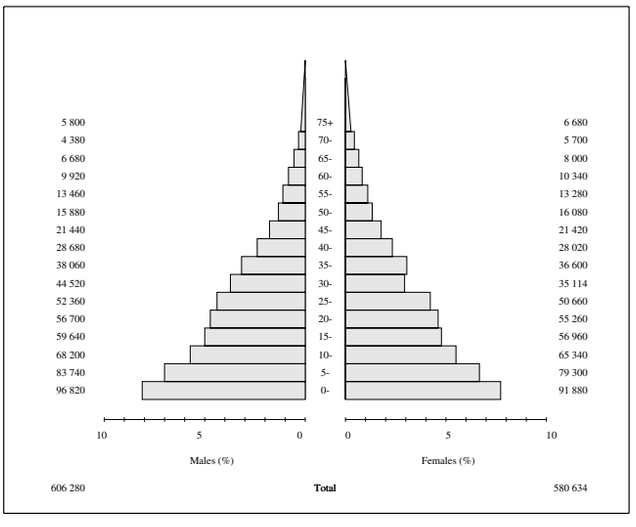
morbidity may be increased in that population as well as in those emigrating from regions in the former Soviet Union affected by the 1986 Chernobyl accident.

Use of the data
The registry is involved in active cancer research and health planning. Numerous record linkage studies have been performed locally and internationally. The registry participates in the national council for oncology, the country's policymaking body in the field, collaborates with HMO's helping them build capacity and monitoring abilities, participates in new technologies for screening and treatment implementation, as well as conducting cluster investigations and disseminating information.

ISRAEL: JEWS (1998-2002)



ISRAEL: NON-JEWS (1998-2002)



Source of population
Annual population estimates are published by the Central Bureau of Statistics.

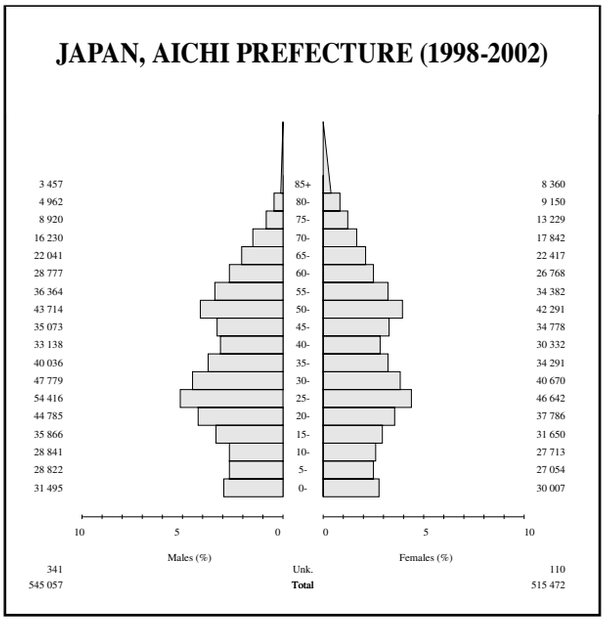
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Japan, Aichi Prefecture

Registration area
Aichi Prefecture is located in the approximate centre of Japan, between latitudes 34.5°and 35.2°N and longitudes 136.5°and 137.5°E, and is flanked on the south by the Pacific Ocean. The prefecture spans an area of 5,146 km^2 and has a population of 7.4 million. The altitude ranges from sea level to 1415m. Nagoya, the capital city of Aichi Prefecture, is situated about 350 km west of Tokyo. The annual mean temperature in Nagoya is 15.6 (5.9–19.9 degrees) and annual rainfall is about 1500mm.

The quality of the Aichi Cancer Registry remains modest, mainly due to dependence on voluntary-based operations without legal obligations. During the last 20 years we established a model area, located in the central part of Aichi Prefecture, with good-quality registry data, covering a reasonable population, including both urban and rural areas. The Central Area of Aichi Prefecture consists of 8 cities and one town. The total registration area is 646 km^2, and the population as of 2000 was 1 060 529. Only 2.1% of the economy is engaged in primary industry; 46.7% is in secondary industry and the remaining 50.5% in tertiary industry.

All of the registered subjects are Japanese. Buddism is traditionally the dominant religion (more than 90%); however, precise data on religion are not available.



Cancer care facilities
As in large cities in Japan, every kind of diagnostic/treatment service for cancer is easily available. The costs required are covered by public health insurance in general; there is no limitation for access to each service. Radiotherapy departments are available in large institutions in the area.

Registry structure and methods
Aichi Cancer Registry was established in 1962 as a population-based cancer registry, the purpose of which was to form an accurate picture of cancer in Aichi Prefecture, in order to control its impact. Initially under the direction of the Aichi Prefecture Department of Health and Public Welfare, all medical institutions in Aichi Prefecture are requested to report incident cancer cases on the basis of the cancer registry outline. The registry has received technical support from the Division of Epidemiology and Prevention, Aichi Cancer Center Research Institute, since 1983, and has been subject to periodic evaluation by the Administration and Guidance Council since 1984.

The registry staff consists of 2 doctors and 3 registrars, and a local government officer for Registry who is also a doctor.

A dramatic overhaul of the registration system has been undertaken with a view to rationalising Aichi Cancer Registry and strengthening its effectiveness. This has been supported by a grant from the Ministry of Health, Labour and Welfare (awarded 1998). The aims of the Revised Cancer Registry System are: 1) to establish a more comprehensive organization, with Aichi Cancer Center as a core institution for cancer research and treatment, and the prefectural public health centres as core facilities for community health services; 2) to promote the installation of a hospital cancer registration system in every relevant medical institution; 3) to provide cancer information and expedite cancer control measures in the community. The new system has been in operation since 1999.

The research group supported by a Grant-in-Aid from the Ministry of Health, Labour and Welfare from 2004 monitors the quality in the registry every year. In 2006, a national standardised database system for regional cancer registry developed by the research group was introduced.

Interpreting the results
As in other areas in Japan, local governments support stomach, colon, breast, lung and cervix screening. In practice, PSA is commonly available; however, PSA is not defined as official tool for prostate cancer screening.

Use of the data
In addition to providing descriptive data on cancer incidence, the data have been used for various epidemiological investigations including cohort studies, case-control studies and evaluation of screening programmes for important cancer sites.

Source of population
Census data in 2000. The data for 1998 and 1999 were estimated by linear interpolation from 1995–2000 census data, and those for 2001 and 2002 were by linear extrapolation.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Japan, Fukui Prefecture

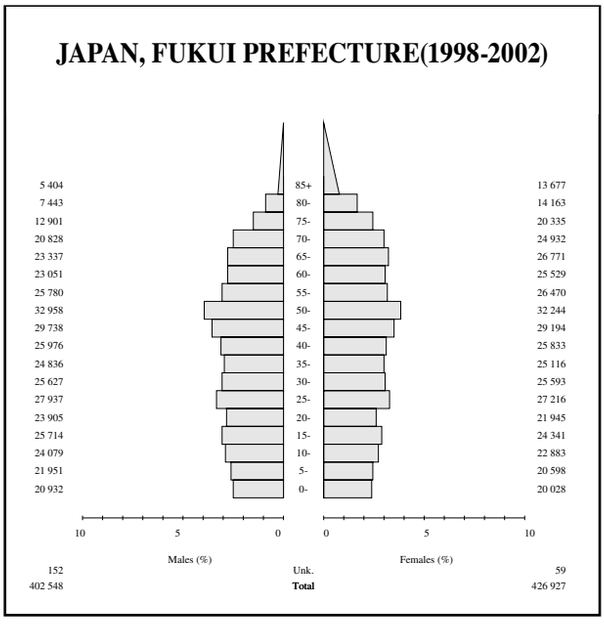
Registration area
Fukui Prefecture is located in the centre of Japan, and has a population of about 820 000 people and an area of 4189 km^2. About 90% of the population lives in urban areas (>10 000 inhabitants); 99% are Buddhist.

Cancer care facilities
The six main district hospitals provide radiotherapy, cancer surgery and chemotherapy services. Patients suspected to have cancer in the primary and secondary care facilities in the registry area are mostly referred to these six hospitals.

Registry structure and methods
In 1984, the Fukui Prefectural Government (FPG) decided to start cancer registration on a voluntary basis in order to obtain information about the nature and extent of the cancer problem in Fukui and assist in planning cancer control programs, and entrusted the survey to the Fukui Medical Association (FMA). The registry is located within FPG and is staffed by a part-time registrar and a full-time health worker.

The central registry receives monthly a batch of cancer reports transferred from the FMA and death certificates from the Department. Each data card is checked for consistency, coded and stored on computer files. Questionnaires are sent to physicians who signed death certificates that are unmatched with cancer reports. The data in the questionnaire replies are also stored in the computer file after being checked for logicality. The original cancer reports and the copies of death certificates mentioning cancer are also stored, living cases being filed by date of birth, dead cases grouped by year of death and filed by date of birth. Multiple primary cancers in the same patient are counted separately.

The research group, supported by a Grant-in-Aid from the Ministry of Health, Labour and Welfare from 2004, monitors quality in the registry.



Interpreting the results
Organised screening services for stomach, colorectal and cervix are operated. PSA testing is not common.

Use of the data
The data are used for geographical analysis in the prefecture and comparison of cancer morbidity with existing cancer registries in Japan. The registry prepares an annual report of cancer incidence, highlighting trends and changes. Some special studies of survival of registered cancer cases (stomach, colorectal and cervix cancer) have been carried out. Policymakers use the cancer registry data for evaluation of screening for gastric cancer and colorectal cancer.

Source of population
1998, 1999, 2001, 2002 Estimates based on the 1995 and 2000 census data. 2000 census (Vital statistics of Japan).

Multiple primary rules used
Impossible to detect multiple primaries.

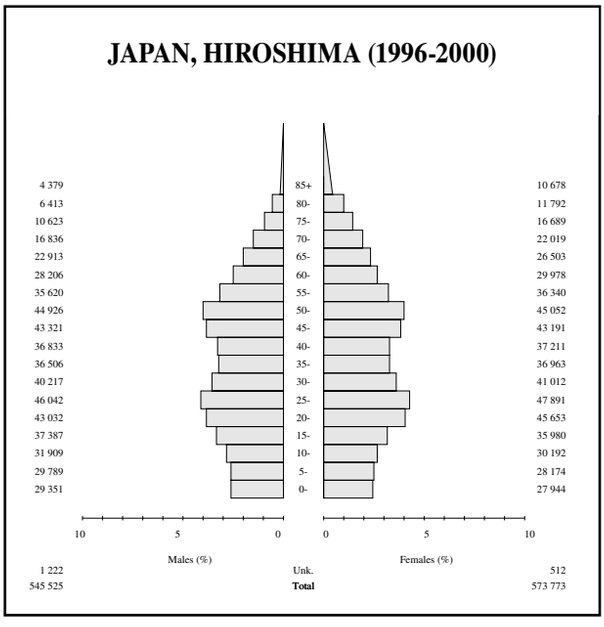
Japan, Hiroshima

Registration area

Hiroshima City, the capital of Hiroshima Prefecture, is located in the western part of Japan facing an inland sea. It covers an area of 742 km^2, from 132°18' to 132°41'E and from 34°17' to 34°36' N, and the altitude ranges from sea level to 890m. The annual mean temperature of the city is 16.1° and the annual rainfall is about 1320mm. Hiroshima City is an administratively defined area that does not completely correspond to the Hiroshima metropolitan area. The latter includes the city itself and its surrounding areas.

As is widely known, Hiroshima City was destroyed by an atomic bombing in 1945. After the war, it developed into the administrative centre of the Chugoku and Shikoku regions. The major industries include shipbuilding, automobile, metalworking, machinery and other manufacturing/ production.

The population in 2000 was 1.13 million, comprising mostly Japanese (99%) and very few non-Japanese nationals (1%). The population density was 1518/km^2 in 2000, slightly higher than the 1467 calculated in 1990. The proportion of residents 65 years and over was 14.2% in 2000, compared with 9.8% in 1990. The population is primarily urban; 73% of employees are in the sales trade and service industries, 24% in construction and manufacturing industries and only 1% are engaged in agriculture and related work.



Cancer care facilities

The number of hospital beds per 100 000 population was 1351 in 2000, and the number of physicians per 100 000 population was 246. Diagnostic and treatment services for cancer are abundant in the area, and cancer patients are treated with radiotherapy in most of the major hospitals. Cancer screenings for stomach, colon, lung, female breast, and cervix uteri are provided in local governments and workplaces as well as private sectors. PSA testing is also widely available.

Cancer registry and structure

The Hiroshima City Medical Association's Tumor Statistics registry was established in 1957 with technical support from the Atomic Bomb Casualty Commission (ABCC), predecessor of the Radiation Effects Research Foundation (RERF). As of April 2005, the registry has been placed under the auspices of the Hiroshima City government and renamed the Hiroshima City Cancer Registry.

The case-finding and data-collection procedures combine both active and passive approaches. All physicians and hospitals in the city are requested to report tumour cases to the registry. However, the great majority (about 90%) of cases are accessed by means of hospital visits. RERF field personnel visit the medical record rooms of various departments and services of most large hospitals in the area, and review all hospital records, including clinical records, surgical reports, radiology reports, and cytology, pathology and autopsy reports. Causes of death are also ascertained at that time.

The Hiroshima Prefecture Tissue Registry was started in 1973 under the auspices of the Hiroshima Prefectural Medical Association and has been integrated with the Hiroshima Prefecture Cancer Registry since April 2005, serving as an additional source of information. The Tissue Registry is designed to collect and examine surgically removed tumour tissues; tumours are then classified and tissue slides of malignant tumours are stored. Malignant cases residing in the city and identified through the Tissue Registry are added to the Cancer Registry file.

Cases identified from various hospitals and sources are collated, and data are stored in computerised files. Checking for duplicate entries is performed manually with the assistance of a computer. All cases with possible multiple primary tumours are reviewed; pathology slides from the Tissue Registry are also reviewed, if necessary.

RERF are involved in all of the registries mentioned above, and 16 staff including one medical doctor are employed in the Tumor and Tissue Registry Office.

Interpreting the results

Since a majority of cases are ascertained by visits to large hospitals, cases missed by not including all area hospitals present a source of concern. However, a previous survey of three medium-sized hospitals not included in the regular data abstraction schedule showed the number of missed cases from medium-sized hospitals to represent less than 1% of the total cancers.

Use of the data

The objectives are to maintain a source of information on tumours diagnosed in the community and to provide cancer incidence data for studies on the effects of exposure to radiation from the atomic bombing in 1945. This has resulted in a number of large-scale cancer studies in the area.

The incidence data are used for health promotion planning for Hiroshima City.

Source of population

1996–1999 Estimates based on the 1995 and 2000 census data; 2000 census.

Multiple primary rules used

IACR rules (2004) on CI5 IX period.

Japan, Miyagi Prefecture

Registration area

Miyagi prefecture is situated in the northern part of Japan, between latitudes 37° and 39°N and longitudes 140° and 141°E, and is flanked on the east by the Pacific Ocean. Sendai, the capital city of the prefecture, is situated about 350 km north of Tokyo. The annual mean temperature in Sendai is 12.3°C, and the annual rainfall is about 1200mm. The altitude ranges from sea level to 1841m. The total registration area is 7291 km^2, and the population as of 2000 was 2 365 320, including 10401 foreigners (4515 male and 5886 female). Of the economically active population, 26% is engaged in personal services, 25% in commerce, 15% in industry and 5% in agriculture.

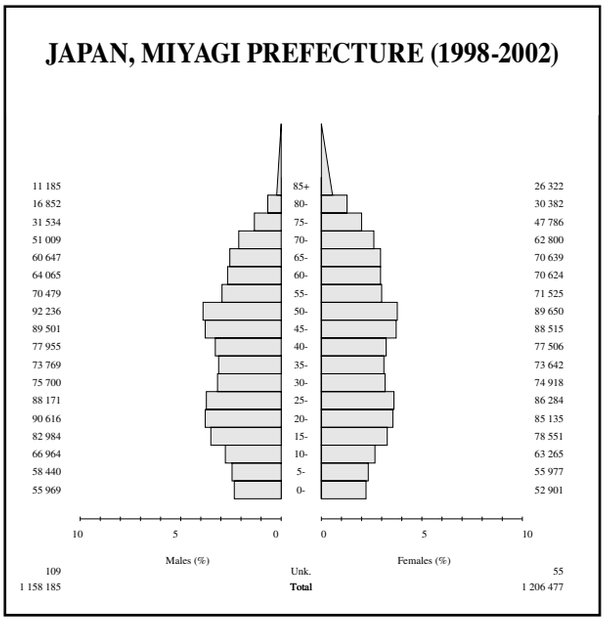
Registry structure and methods

The Miyagi Prefectural Cancer Registry (formerly Miyagi Cancer Registry, initiated in 1951 by the late Professor Mitsuo Segi at the Department of Public Health, Tohoku University School of Medicine) marked its 47th year since registration was restarted in 1959. The registry has covered the entire prefecture from the beginning. The office has been located in the Miyagi Cancer Society since 1976. Miyagi Prefecture provides grants for cancer registration, and the Miyagi Cancer Society also supports it financially. All the work of the registry is the responsibility of the Registry Committee, comprising representatives of the Miyagi Medical Association, Tohoku University Graduate School of Medicine, Miyagi Prefecture, and the Miyagi Cancer Society. The registry is staffed by a part-time medical doctor, three full-time registrars and three personnel.

In Sendai, cancer diagnostic and treatment services are mainly provided at Tohoku University Hospital and several general hospitals. Provincial areas outside Sendai are divided into nine secondary medical care areas; a few general hospitals provide cancer diagnosis and treatment in each area. Radiation therapy is available at the university hospital, one cancer centre (Miyagi Cancer Center), and several general hospitals.

Cancer cases are registered from clinics and hospitals (inpatients and outpatients), radiology and pathology departments, autopsy records, mass screening records and death certificates. Reporting by clinics and hospitals is voluntary. About 30% of cases are reported from hospitals and clinics, and 70% abstracted by the registrars at the cancer registry. Multiple primary cancers are counted separately in computing incidence.

All the death certificates of Miyagi Prefecture are collated with the registered cases. Follow-up is passive, with only perusal of all death certificates. Active follow-up of the cases is not currently conducted. Quality of the information recorded is evaluated by the research group supported by a Grant-in-Aid from the Ministry of Health, Labor and Welfare.



Use of the data

In addition to providing descriptive data on cancer incidence, the data have been used for various epidemiological investigations including evaluation of screening programs for cancers of the stomach, colon, prostate, cervix and breast, and population-based prospective cohort studies of cancer and lifestyle factors (such as smoking, drinking, and diet).

Source of population

1998, 1999, 2001, 2002 estimates based on the 1995 and 2000 census data. 2000 census. 1995 Population census of Japan vol. 2–2–04.
Miyagi–Ken. 2000 Population census of Japan vol. 2–2–04, Miyagi–Ken.

Multiple primary rules used

IACR rules (2004) on historical data.

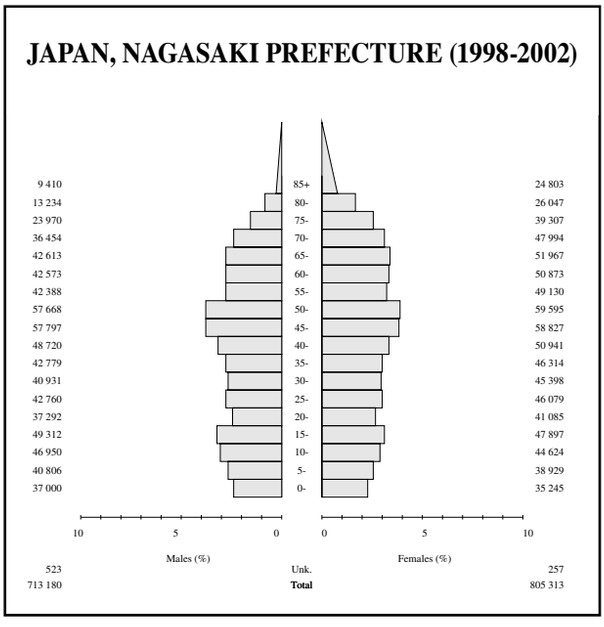
Japan, Nagasaki Prefecture

Registration area

The Nagasaki Prefectural Cancer Registry is a community-based cancer registry covering the entire prefecture. Nagasaki prefecture is located on the western end of the Japanese archipelago, comprising 4092 km^2 and 1.52 million people (based on a 2000 National Census). The proportion of non-Japanese citizens is only 0.3% of the total population.

One third of the prefecture's population resides in Nagasaki City, where shipbuilding is one of the primary industries. For the overall prefecture, the combined proportion of service and retail/restaurant industries is over 60% of the total, while the manufacturing industry including shipbuilding comprises 12%. The combined proportion of agriculture, forestry and fishery makes up only 1% of all industries.

Nagasaki Prefecture also contains 55 inhabited islands whose residents comprise 10% of the prefecture's population. This is a primary reason for the difficulty of providing medical care uniformly within the prefecture.



Cancer care facilities

Nagasaki Prefecture does not have a cancer centre but does have 13 hospitals where more than 100 cancer cases are treated annually. These hospitals are concentrated in Nagasaki city and in the city of Sasebo, and 70% of cancer patients in the prefecture are treated at hospitals in these cities.

Nagasaki Prefecture also has cancer screening facilities, where examinations are conducted for cancers of the stomach, colon, lung, breast and uterus.

Registry structure and methods

The Department of Epidemiology of the Radiation Effects Research Foundation houses the central registry office of the Nagasaki Prefectural Cancer Registry, which consists of one physician, nine full-time employees, and a few part-time employees.

The Nagasaki Prefectural Cancer Registry collects cancer incidence data mainly by abstraction from clinical records, and three of the full-time staff members are exclusively engaged in visiting hospitals for such abstraction work. Every year these staff members visit 20–30 hospitals (most are hospitals with 200 beds or more) within the prefecture to collect the necessary information. We also make an effort to collect data on pathological diagnoses with support from pathologists. Cases with histological diagnoses comprise more than 80% of the registered cases. Data on cancer cases detected in such screening programs have also been obtained.

The Nagasaki Prefecture government provides data on all deaths within the prefecture, enabling verification of the deaths in the registered cases through matching both data sets. With respect to cases recorded as cancer, if there are no matched cases among the registered cases, the cases are registered as DCO (death certificate only).

Medical organisations in Japan are not legally required to file notices of cancer cases. As a result, obtaining notification of cancer cases remains difficult, particularly in Nagasaki, since data collection has traditionally depended on medical record abstraction. A Personal Information Protection Law became effective in April 2005. However, the Ministry of Health, Labour and Welfare informed medical organisations that providing cancer registries with incident data would be exempt from application of this law, thus avoiding any decrease in registration rate caused by the law's effects.

For the purpose of preventing errors in coding and entry, varied logical checking functions are utilised at the time of data entry. Also, comparison among the registry cases is conducted once a year to prevent overlapping, with error in such comparison work detected at a rate of about 0.2%.

Interpreting the results

In 1958 a cancer registry covering Nagasaki city was started, and in 1985 the Nagasaki Prefectural Cancer Registry was initiated, thus covering the entire prefecture. Concerning the effect of the changes of coding rules on incidence, it is conceivable that the incidence of MDS and uterine cervical severe dysplasia have contributed to an increase in incidence because these two diagnoses are coded as malignancy using ICD-O-3.

Although screening has been conducted for stomach cancer (12.4% participation), colon cancer (16.5%), lung cancer (27.5%), breast cancer (16.9%) and uterus cancer (18.7%), such screening is not obligatory and the participation rates are not very high. Recent changes of note are increased use of mammography in breast cancer screening and change in the eligible age for undergoing uterus cancer screening from 30 years and over to 20 and over. Although PSA testing is commonly utilised, it is still being debated whether the test should be used in cancer screening, and as a result testing remains unorganised.

Many A-bomb survivors still reside in Nagasaki, on which an atomic bomb was dropped in 1945. The effects of A-bomb radiation on cancer incidence remain, but there have been no other reports on environmental or occupational exposure that could affect cancer incidence.

Use of the data

Every year we compile and announce the incidence, mortality, and survival on cancer in Nagasaki prefecture, and we also participate in a project to estimate nationwide cancer incidence in Japan, providing the project with our data. Our data are often used for research purposes, thus greatly contributing

to the elucidation of association between radiation exposure and cancer incidence. Additionally, the data are frequently utilised in descriptive epidemiology involving ATL/ATLL, which are unique to Nagasaki Prefecture. For government-related purposes, our data is also utilised in the design of medical projects and assessments of cancer screening.

Source of population
1998, 1999, 2001, 2002 estimates based on the 1995 and 2000 census data; 2000 census. (Vital statistics of Japan).

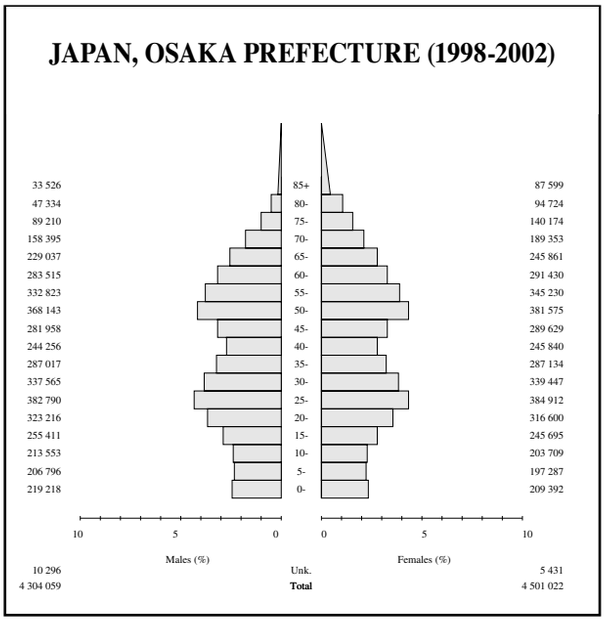
Multiple primary rules used
IACR rules (2004) on historical data.

Japan, Osaka Prefecture

Registration area
Osaka Prefecture is located in the central part of the main island of Japan. The surface area is the second-smallest (1893 km^2), but its population density is the second highest (4652/ km^2) among all 47 prefectures in Japan. Osaka City is the capital of the Prefecture. The population of Osaka Prefecture was 8.8 million in the 2000 census; 98% were Japanese, 1.5% Koreans, and 0.2% Chinese. Of all workers, 30% are engaged in industry, 68% in commerce, and 0.5% in agriculture.

Registry structure and methods
The Osaka Cancer Registry (OCR), covering Osaka Prefecture, has been operating in cooperation with the Osaka Prefectural Department of Health and Welfare (OPDHW), the Osaka Medical Association (OMA) and the Osaka Medical Center for Cancer and Cardiovascular Diseases (OMCCD) since 1962. The central registry, located in the Department of Cancer Control and Statistics of the OMCCD, is staffed by 9 regular employees (2 medical doctors, 2 public health nurses, 2 system engineers, 1 operator and 2 clerks) and 7 part-time workers.

The OMA requests that all medical institutions in the Prefecture cooperate with cancer registration, and prepare cancer reports when cancer diagnoses are made. The cancer reports are sent to the OMA, and they are transferred monthly from the OMA to the central registry. Information on death certificates mentioning cancer is also obtained through the OPDHW.



The data are processed in an annual batch via mainframe, although the data processing has changed to an online network with client-server system. Computerised record linkage is used to avoid duplicate registration, distinguish multiple primaries, and identify registered cases who died of cancer and cancer deaths that had not been registered. Computer-produced possible matches are shown and resolved manually through referring to the original reports.

In order to evaluate survival of cancer patients, active follow-up to ascertain vital status has been undertaken progressively. High-quality survival data have been available for patients diagnosed from 1975 except for Osaka City, and all patients diagnosed after 1993 in Osaka Prefecture. Proportion of the lost-follow-ups has been 1-2% at five years after diagnosis.

The OCR has implemented cancer information service programs since 1975. The prognoses of reported patients, as well as cancer statistics of each hospital, are provided at the request of participating hospitals or hospital doctors. The central registry holds an annual conference to report and discuss cancer registration activities, inviting representatives from all large and medium-sized general hospitals and clinical departments of medical university hospitals. Since 1999 software has been developed and distributed to support hospital-based cancer registries, and assist in notification of cases to the OCR.

In order to assess accuracy and completeness we have incorporated a data check program compatible with the IARC-CHECK, and routinely used several validity indexes such as DCN/I, DCO/I, I/D and HV/I.

The Osaka Prefecture Privacy Protection Law has been effective since October 1996, while the Prefecture Privacy Protection Council has approved the schemes of OCR as legitimate under the Law. On April 2005 a Privacy Protection Law came into effect in Japan, but informed consent is waived when personal information is needed to improve public health, including submission of cancer data from medical institutions for population-based cancer registries.

Interpreting the results
According to recommendation of the Japanese Ministry of Health, Labor and Welfare, women over age 30 have been screened for cervical cancer since 1982 (proportion of cases receiving screening was 16.5 % in 2001, in Osaka), and for breast cancer since 1987 (11.2%). The population over age 40 has been screened for stomach cancer since 1982 (15.7% in male and 11.8% in female), lung cancer since 1987 (9.2% in male and 6.5% in female) and large bowel cancer since 1992 (11.2% in male and 9.0% in female). The screenings are all opportunistic and the proportions screened remain low in Osaka. PSA testing is not common yet in the population.

Use of the data
The major objectives of the OCR are (1) to estimate incidence rates, (2) to compute statistics on medical treatment given to cancer patients and (3) to estimate survival for cancer patients. Annual reports including these statistics have been published. Summary statistics of these can be seen on the OMCCD website (http://www.mc.pref.osaka.jp/ocr_e/index.html). The OCR takes the initiative to conduct epidemiological research, and policymakers use our cancer registry data for planning and evaluation of health services.

Source of population
2000 census. The data for 1998 and 1999 were estimated by linear interpolation from the 1995 and 2000 census data, and those for 2001 and 2002 were by linear extrapolation. Refs: 2000. Statistics Bureau, Management and Coordination Agency, Government of Japan, 2000 Population Census of Japan, Vol. 2–2–27 0saka–Prefecture. Tokyo, 2001. 1995. Statistics Bureau, Management and Coordination Agency, Government of Japan, 1995 Population Census of Japan, Vol. 2–2–27 Osaka–Prefecture. Tokyo, 1996.

Multiple primary rules used
IACR rules (1990).

Japan, Yamagata Prefecture

Registration area
The Yamagata prefectural cancer registry covers the entire Prefecture of Yamagata, which is located in northeastern Japan. It lies between latitudes 37° and 39°N and longitudes 139° and 140°E. The total registered area is 9323 km^2, and over two thirds of the area consists of forests and mountains.

The 2000 census determined the total population of the Yamagata prefecture was 1 244 147 and composed of 99.6% Japanese nationals. Of working adults, 54% are engaged in the sales and service industry, 35% work in construction and manufacturing, and 11% work in agriculture. The population of people who are 65 years and over was 23% in 2000 and 16% in 1990.

Cancer care facilities
In 2000, Yamagata had 2307 physicians (1.9 per 1000 inhabitants) and 11 336 hospital beds (excluding psychiatric hospitals). The prefecture is divided into 4 healthcare districts. Each district has several core general hospitals, where two thirds of the cancer patients in Yamagata prefecture are diagnosed and treated. Eight of the hospitals have a radiotherapy unit.

Registry structure and methods
The Yamagata prefectural cancer registry was established in 1974. The prefectural government finances the registry. A full-time medical doctor as the medical supervisor and researcher staffs the registry, and also a full-time and a part-time registered staff member since 2004. Before 2004, it was staffed by a part-time medical doctor and a part-time registered staff member.

Although cancer is not a notifiable disease, the main method of data collection is passive notification. To increase the number of notifications, the registry staff supplements their casefinding with pathology reports from several major general hospitals and request physicians to be notified about these cases. The registry staff has access to all death certificates with their personal information. A research group supported by the Grant-in-Aid from the Ministry of Health, Labour and Welfare since 2004 monitors quality standards in the registry every year.

In 2005, we performed data cleaning for all registered data in 2005, including converting site and histological codes from ICD-10 and ICD-O-3 to ICD-O-3.

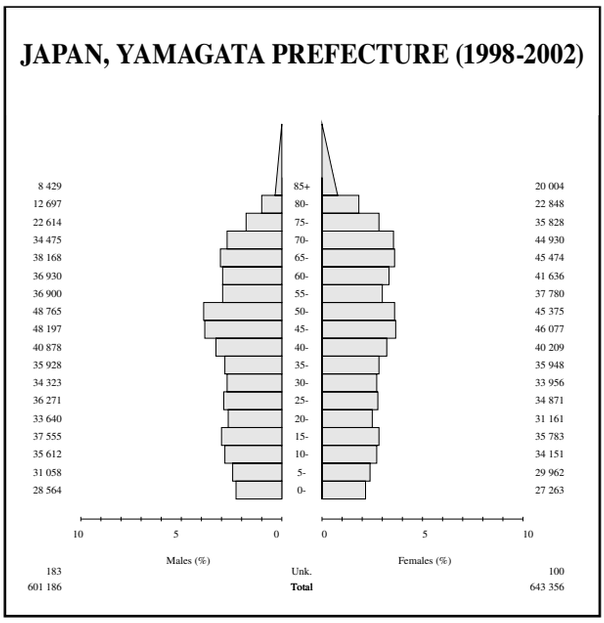
Interpreting the results
The establishment of three major general hospitals in 1976, 1993 and 2000 likely altered the availability of diagnostic and/or treatment services. Since our establishment in 1974, there has been no serious environmental or occupational exposure that may influence cancer incidence in the population.

Organised screening programs are conducted in Japan (for gastric and cervical cancer since 1961 and for colon, lung and breast cancer since 1987). Screening for breast cancer by mammography was introduced in 2002. The prostate cancer cases diagnosed by opportunistic PSA testing have been increasing in several hospitals recently.

Use of the data
The registry provides periodic reports on cancer incidence and five-year survival statistics. The regional health authority for planning and evaluating health services uses the data. The data are also used to estimate cancer incidence in Japan.

Source of population
1998, 1999, 2001, 2002 estimates based on the 1995 and 2000 census data; 2000 census. (Vital statistics of Japan).

Multiple primary rules used
Impossible to detect multiple primary.



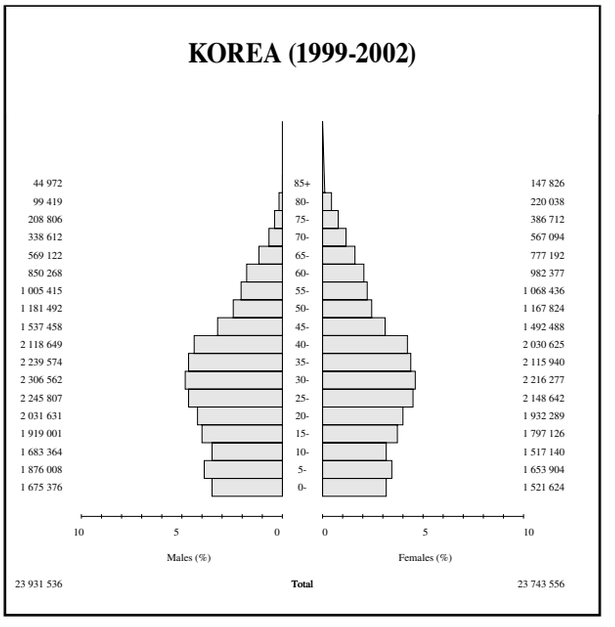
Korea

Registration area

The Republic of Korea (South Korea) occupies the southern portion of the Korean Peninsula. It lies between longitudes 124° and 131°E and latitudes 33° and 38°N, and has an area of 99 500 km^2 including about 3000 islands. South Korea is highly mountainous, and lowlands constitute only 30% of the total area. There are seven cities with provincial status and nine provinces.

The population of the Republic of Korea is 48 million (2005 estimates), which the Central Cancer Registry is supposed to cover. Its population density of 493/km^2 is one of the highest in the world. Annual population growth has dropped steadily from more than 3% in the late 1950s to 0.38% in 2005. Due to rapid urbanisation, 80% of the population is now classified as urban. The population is ageing very quickly: The 2003 population estimate revealed that 8.3% were 65 years old or over; 71% were aged 15–64 years. South Korea is one of the most ethnically homogeneous countries in the world. Most people are ethnically Korean. Buddhism and Christianity are the largest religions in South Korea, but Confucianism, rather a philosophy than a religion, is in many ways more prominent in Korean culture than any organised religion.

In 2004, the economically active population was 23.3 million. Of this figure, 8% were engaged in agriculture, forestry and fishing; 27% in industry; and 65% in services.



Cancer care facilities

In 2005, there were approximately 1500 hospitals in Korea, 1000 of them, including 29 multidisciplinary cancer treatment units, providing specialised cancer diagnostic and therapeutic services. There were 60 radiology units and 123 specialists nationwide in 2006. In addition, 2500 out of 26 000 private clinics provide general cancer care services.

Registry structure and methods

The Korea Central Cancer Registry (KCCR) was one of the ambitious projects of the Ministry of Health and Welfare in 1980. Beginning in 1982, 47 general hospitals voluntarily participated in this program. Participating hospitals and registered malignancies increase annually, and 154 of 242 teaching hospitals participated in 2005. The KCCR is composed of a chief, an executive secretary (head of cancer registration), a medical officer, 6 cancer registrars, 6 statisticians, and 11 advisors. In a 2004 workshop for the new cancer registry manual, approximately 300 cancer registrars attended from the hospitals.

The KCCR is responsible for (1) collection, analysis and management of national cancer statistics, (2) technical and financial support of regional cancer registries including cancer registrar training, (3) analyses and summary of data from the central and regional cancer registries, (4) carrying out administrative tasks related to the registry.

The KCCR established the Korea National Cancer Incidence Data Bases (KNCIDB) by merging the KCCR mother DB and all 8 population-based Regional Cancer Registry databases, the site-specific cancer registry databases (breast, uterus, ovary, oral cavity, liver cancer), the medical record review survey and the cancer mortality database from National Statistics Office. For the medical review survey, a 1999-2003 cancer claims DB from the National Health Insurance Corporation was also used. The dataset was refined further by confirming multiple primaries and removing duplicates with expert help from various fields-clinicians, pathologists and medical recorders.

In an effort to improve the KCCR data quality, data completeness has been evaluated, with a preliminary result as high as 90.3%. We are in the process of evaluating the accuracy of stomach cancer data through abstract-reabstract method, and plan to perform the evaluation on a regular basis for additional types of cancers.

Interpreting the results

To cover cases diagnosed outside KCCR-affiliated hospitals, we perform an additional medical record review survey and supplement our data with cases from regional registries. Thus data completeness in areas with regional registries may be different from those without.

In 2000, most teaching hospitals in Korea could not provide medical service properly at least for 3 months due to a doctors' strike. Delayed diagnosis and reporting of new cases resulted, which could decrease the number of 2000 cases and increase the 2001 cases.

The National Cancer Screening Program (NCSP) was implemented in 1999 and has since expanded its target population and cancers. NCSP provides screening for stomach, liver (high-risk groups only), cervical, breast and colorectal cancer. Opportunistic screening is also common. Annual PSA testing is actively recommended by urologists for men aged over 50. Though there are no official data, most men over 50 have received a PSA test.

Even though the 2003 Cancer Act clearly stated that cancer registration should be performed to know the burden of cancer, privacy protection laws prohibit access to personal information. An amendment to the Cancer Act to allow access is underway.

Use of the data

The KCCR has released its annual reports since 1983, and published *Cancer Incidence in Korea 1999–2001* in August

2005 as the first cancer incidence report based on the entire population using KNCIDB. Annual data are published in the official journal of Korean Cancer Association (*Cancer Research and Treatment*). The KCCR provides data without personal information to researchers as well as other government departments for statistical analysis. Registry data are essential to evaluate cancer control programmes in Korea, including the National Cancer Screening Program.

Source of population
The population used to calculate cancer incidences is a mid–year population (the population at the 1st of July), but in this report, the modified resident registration population data that is released annually from the Korea NSO was used.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Korea, Busan

Registration area

In 1995, the Busan Cancer Registry (BSCR) was established in cooperation with the Cancer Centres of four University hospitals, and has administratively been supported by the Department of Public Health and Sanitation of Busan City and the Medical Association of Busan. The Korean National Cancer Control Program is responsible for the financial support of the registry, with technical support from the Korea Central Cancer Registry.

The city of Busan is located on the southeastern tip of the Korean Peninsula, between latitudes 34°52′ and 35°23′ N, and longitudes 128°52′ and 129°8′ E. The city has an area of 531.17 km^2. At the 1995 census, the total population of Busan was 3 806 888, of whom 99.6% were Korean.

Cancer care facilities

In 2005, there were approximately 110 hospitals including teaching and general hospitals (4 university hospitals and 22 general hospitals) in Busan. Because Korea is a one-day life zone for the whole country, every cancer patient can go to other regional hospital if he/she wants.

Registry structure and methods

The nation-wide, hospital-based Korea Central Cancer Registry (KCCR) was established in 1980 and has been managed by the Ministry of Health and Welfare (MOHW) since then. All inpatient cancer cases are voluntarily notified to the KCCR by the Medical Record Department of about 80% of teaching hospitals.

In 1995, a pilot study was conducted to expand the into a population-based registry of Busan. We found that 72% (67% from hospitals in Busan; 5% from other places) of the total incidental cancer cases could be registered using the KCCR data and the remaining 28% by active registration.

In Busan, there are 26 large hospitals including four university hospitals and additional 80 medium- and small-sized hospitals. Among these, 22 teaching hospitals notify all inpatient cases as well as some of outpatient cases to KCCR.

The KCCR annually gives data to the BSCR on the cancer patients living in Busan at the time of their initial cancer diagnosis. Cases from hospitals in other places are treated similarly. Additional cancer cases from outpatient clinics are identified from the records of the Departments of Anatomical Pathology, Diagnostic Radiology, and Radiation Oncology.

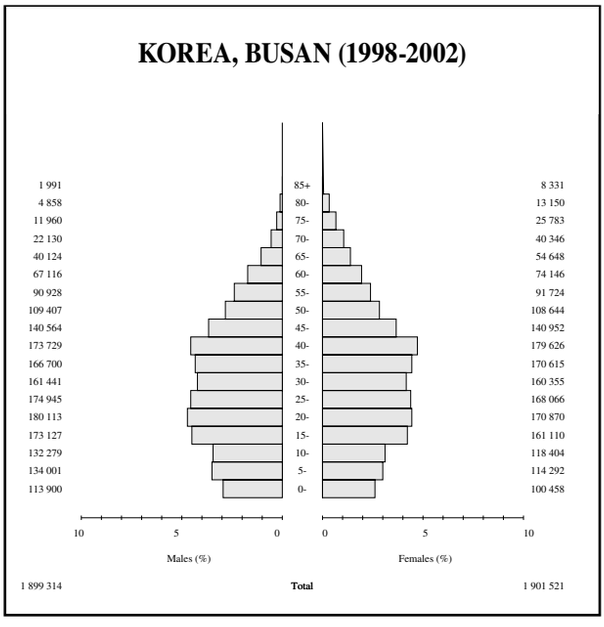
Three part-time medical officers visit 110 hospitals that are currently not notifying cancer patients to the KCCR, and collect the medical records of newly diagnosed cancer patients. They register the cancer cases, which are then scrutinised by Registry faculty members under the supervision of the Registry Director. Death certificates of all cancer patients are obtained annually from the National Statistical Office (NSO), and are compared with Registry files. If a deceased person were not registered, the Registry staff would obtain the appropriate medical records from the hospital where the case was diagnosed and treated.

We are in the process of evaluating the accuracy of stomach cancer data through abstract-reabstract method, and plan to perform the evaluation regularly for additional types of cancers.

Interpreting the results

We collected data according to ICD-O-2, but reported in ICD-O-3 format.

In 2000, most teaching hospitals in Korea could not provide medical service properly for at least for 3 months due to a doctors' strike. As a result, diagnosis and reporting of new cases were delayed, which could decrease the number of 2000 cases and increase the cases reported in 2001.



Even though the "Cancer Act" launched in 2003 clearly stated that cancer registration should be performed to know the burden of cancer; the regulations prohibit accessing personal information based on the personal privacy protection law. The amendment of the Cancer Act to allow access for personal information based on the National Statistics Law is underway. Registration of 2003 cancer cases is ongoing.

The Korean Government began implementing the National Cancer Screening Program (NCSP) in 1999 and has since expanded its target population and target cancers. In 2006, NCSP provides cancer screening for 5 major cancers including stomach, liver (only for high-risk groups), cervical, breast and colorectal cancer. Urologists actively recommend annual PSA testing for men aged over 50. There is no available information on the prevalence of the test; however, most men over 50 receive a PSA test.

Use of the data

The Registry holds an annual conference to report and discuss cancer registration activities in Busan, and invites oncologists from the four University hospitals, representatives of the Association of Anatomical Pathologists and Diagnostic Radiologists, radiation therapists and medical recorders of the Busan hospitals. The President of the Medical Association of Busan and the Chief of the Department of Public Health and Hygiene of Busan City are also invited.

The data are published in an annual report that provides the basic statistics on cancer incidence that may be helpful for evaluating survival of cancer patients. BSCR data, included in the KCCR data, is provided without personal information to researchers as well as other government departments for statistical analysis. The cancer registry data are essential to

evaluate various cancer control programs in Korea, including the National Cancer Screening Program.

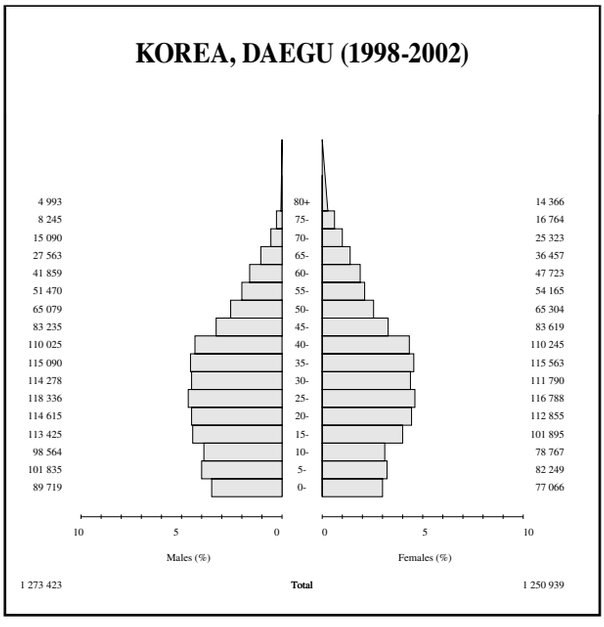
Source of population
The population used to calculate cancer incidences is a mid–year population (the population at the 1st of July), but in this report, the modified resident registration population data that is released annually from the Korea NSO was used.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Korea, Daegu

Registration area
Daegu is an extended metropolitan city in southeastern Korea with a well-defined geographical border surrounded by mountains. It covers an area of 885.56 km². The climate is temperate; it is situated at 128° E and 35° N. The 2000 population was 2 473 990 by 2000 census report. About 6% of the population lives in rural areas. Korea has virtually no ethnic group except Korean, only about 151 000 persons being registered as foreigners nationwide. However, international marriages are increasing rapidly, especially in rural areas. The proportion who had more than junior college education is 18.7%. More than half (52.4%) of Daegu citizens reported practicing a religion in 1995; 33.1% Buddhist, 11.6% Protestant, 6.7% Catholic.

Cancer care facilities
Medical care for the whole population is covered and provided by the National Health Insurance Plan. Daegu has 16 223 hospital beds in 2002, in 74 hospitals (12 general hospitals, 51 hospitals, 9 dental hospitals, and 2 mental hospitals), of which four are university hospitals and 1274 private clinics. There are 4722 doctors including dentists.



Registry structure and methods
Daegu Cancer Registry, financially supported by the Ministry of Health & Welfare, has been collecting new cancer cases in Daegu since 1 January 1997. Located in the Dongsan Medical Centre, Keimyung University, the staff consists of two doctors, one medical records administrator and one medical records technician.

Cancer reporting is voluntary in Korea. DCR receives inpatient cases from the medical record technicians responsible for reporting cases to the Central Hospital Cancer Registry (CHCR), and inpatient cases with an address in Daegu treated outside it direct from the CHCR. CHCR has been collecting cancer cases from major member hospitals in Korea since 1980. The staff of the DCR visits every major hospital dealing with diagnosis and treatment of cancer to find and abstract cancer cases from sources other than inpatients, such as pathology, haematology, CT/MRI, nuclear medicine and radiotherapy medical records. The cases from the other sources in hospitals are followed back to the original medical records to check the addresses, unique Resident Registration Number (RRN) and diagnosis date. The staff also visits private pathology laboratories to review pathology reports and sends query letters to physicians who sent their samples to the laboratory to obtain further information.

After checking for duplicates, the database is matched against two external data sources, the official cancer mortality data and insurance claims. Cases not already in the database become Death Certificate Notification (DCN) cases because death certificates do not contain information that makes follow-back possible. Instead, the RRN is used to clear the DCNs. The DCNs were matched with the databases of the seven major hospitals using the RRN to find out and abstract medical records. Mortality files containing data on all cancer deaths are obtained annually from the Korea National Statistical Office. Cancer cases on insurance claims not matched to DCR data are followed back to the hospitals to confirm the diagnosis. The data are processed using the IARC/IACR CanReg software.

The registry fluctuations in reporting of new cancer cases by institution and source of case-finding are analysed monthly and annually. The registry carries out reabstracting and recoding periodically and uses CanReg to ascertain multiple primaries and DEPedits to see unusual combinations of various kinds. Conventional medical records are being replaced by EMRs (electronic medical records) including inpatient records in some university hospitals. We are establishing a new system to more efficiently collect computerised incident cases.

Interpreting the results
There was no change in area or population covered during 1998–2002. The DCR has been using ICD-O-2 for coding since its inception. However, several doctors' strikes happened during 2000, substantially lowering cancer cases diagnosed that year. DCO% is 4.4 (males 4.5, females 4.4).

Organised stomach, breast, cervical, liver and colorectal cancer screening programmes for persons aged more than 40 began in 1999. However, these programmes are not the same as those in developed countries. Some of their costs are just covered by Government subsidies. During 1999–2002, the uptake rate of the screening tests was very low. We do not collect information on whether a cancer case is diagnosed by the screening or diagnostic tests, so the number of these included in our databases is unknown. PSA testing in Korea is opportunistic; it is usually done as part of Comprehensive Health Checkups but there are no statistics to cite.

Use of the data
DCR is an incidence registry and is not actively collecting survival data on registered cases. It collects vital status when the information is available, for example from medical records, death certificates or the official cancer mortality data. It does not collect stage of disease. Currently, the registry is being used in "Effects of doctors' walkouts on cancer cases diagnosed in 2000 in Daegu", "Estimation of lifetime and age conditional probabilities of developing cancer", "Survival of gastric cancer patients in the young", and "Changes of cancer stages for major cancers in 1997–2003". We are planning to establish an occupational cancer registry as well as a birth defect registry as ramifications of the DCR.

Source of population
The estimates of the population–at–risk are based on the 2000 census, making allowance for births, deaths and migration.

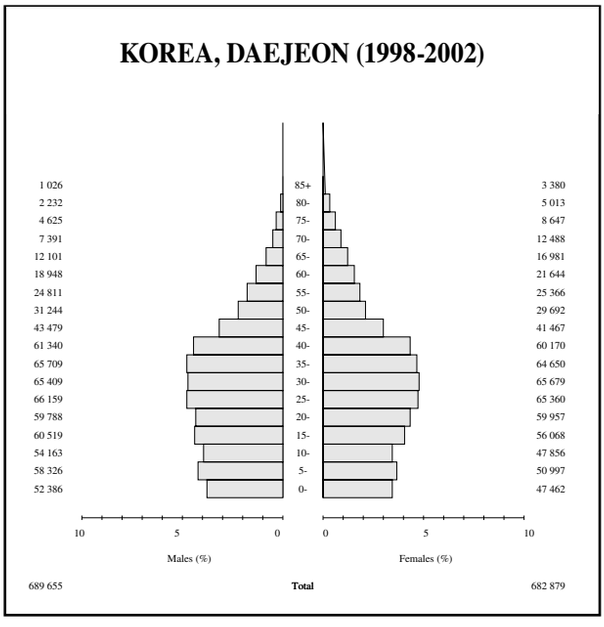
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Korea, Daejeon

Registration area
Daejeon is located in the centre of South Korea: 167.3 km from Seoul, 294 km from Busan, and 169 km from Gwangju. The city is located between 127°33'21" and 127°14'54" E longitude, and 36°10'50" through 36°29'47" N latitude. Daejeon is surrounded by four mountains and located along three major rivers; the city originally developed from farms and houses that were on the hillsides and the valleys between them. The three rivers divide the city's five boroughs: Dong-gu and Daedeok-gu are located east of Daejeoncheon; Jung-gu is between Daejeoncheon and Yudeungcheon; Seo-gu is between Yudeungcheon and Gapcheon; and Yuseong-gu is west of Gapcheon.

Daejeon is the fifth among South Korea's largest six cities, including Seoul, Busan, Daegu, Incheon, and Gwangju. Its population is 1 390 510 and it covers an area of 539.83 km^2 at the end of 2000.

The population is mainly of the Asian race (mostly Korean); religions are Buddhism 26.0%, Christianity 20.6%, Catholicism 5.4% the others 1.6% and no religion 46.5%.



Cancer care facilities
Both public and private sectors provide cancer-related services in this region. General health care in the region is provided by the 9 general hospitals and 20 hospitals (2003). Daejeon cancer registry cooperates with 6 registry hospitals and many non-registry hospitals. There were 4 therapeutic radiology units in 2006.

Also, the Korean government provides the National Cancer Control Programme, mainly related to cancer prevention, screening and supportive-palliative care including National Cancer Screening Program, Terminal Cancer Patient Management, Home-based Cancer Patient Management through National Cancer Center of Korea. Private hospitals provide mainly diagnostic and therapeutic services.

Registry structure and methods
Cancer is not a notifiable disease in Korea; however the Cancer Act (2003) clearly states that cancer registration must be performed to know the burden of cancer. The Daejeon Cancer Registry (DJCR) is a population-based registration that has been in operation since 1998. The registry is located in Medical School of Chungnam National University. A medical doctor, a full-time registrar and one part-time registar staff the registry.

The DJCR is responsible for (1) collection, analysis and management of Daejeon cancer statistics; and (2) analyses and summary of data from Daejeon cancer registries. The data sources for the Daejeon cancer incidence database are the DJCR, the KCCR database, the data from additional medical record review surveys, site-specific cancer registry databases and cancer mortality data for identifying Death Certificate Only (DCO) from the Korea National Statistical Office (KNSO).

In an effort to improve the quality of the KCCR data, an evaluation of data completeness has been conducted, in particular cases diagnosed during 1999–2001 and cases deceased until 2003. We used the flow method developed by Bullard et. al (Br. J Cancer 2000). The flow method is based on the concept that registration is a time-dependent event observed after diagnosis, following a probabilistic approach. The overall 3-year completeness of all cancer was 90.5%, 90.7% in males and 90.3% in females. There were no differences in gender and among different age groups.

We are in the process of evaluating the accuracy of stomach cancer data through abstract-reabstract method, and plan to perform the evaluation on a regular basis for additional types of cancers.

Interpreting the results
We collected data according to ICD-O-2, but reported in the ICD-O-3 format.

To cover cases diagnosed outside Daejeon hospitals, we performed additional medical record review surveys and also supplemented our data with cases from KCCR.

In 2000, most teaching hospitals in Korea could not provide medical service properly at least for 3 months due to doctors' strikes regarding separation of prescribing from drug dispensing. As a result, diagnosis as well as reporting of new cases were delayed, which could increase the reported cases in 2001 as the incidence date is the first date of diagnosis on cancer.

Urologists actively recommend PSA testing for men aged over 50 annually. There is no available information on the prevalence of the test; however, most men aged over 50 receive a PSA test once in their lifetime.

Use of the data
The registry prepares an annual report of cancer incidence, highlighting trends and changes. Some special studies of survival of registered cancer cases will be carried out.

The cancer registry data is essential to evaluate various cancer control programs in Daejeon, Korea including the National Cancer Screening Program.

Source of population
Census and estimate.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Korea, Gwangju

Registration area
Gwangju (formerly transliterated into English as Kwangju) has 1.36 million inhabitants and is situated on the southwestern tip of the Korean Peninsula. The city is the economic, educational and cultural centre of essentially rural surrounding provinces. The rapid transition of the Korean economy from agriculture to manufacturing industries during the authoritarian governments during the past 30 years leaves the area to suffer from low income and emigration of working-age population to the more industrialised parts of the country.

The 1980 uprising proclaiming the democratic government—the Gwangju democratization movement—allegedly made the city politically well known.

There are some manufacturing industries including an automobile assembly plant, though the service industries occupy the majority of the city's workforce.

Cancer care facilities
According to 2002 statistics, the city has 10 general hospitals, 24 hospitals with 7674 hospital beds. Two traditional medicine hospitals also provide palliative services to cancer patients.

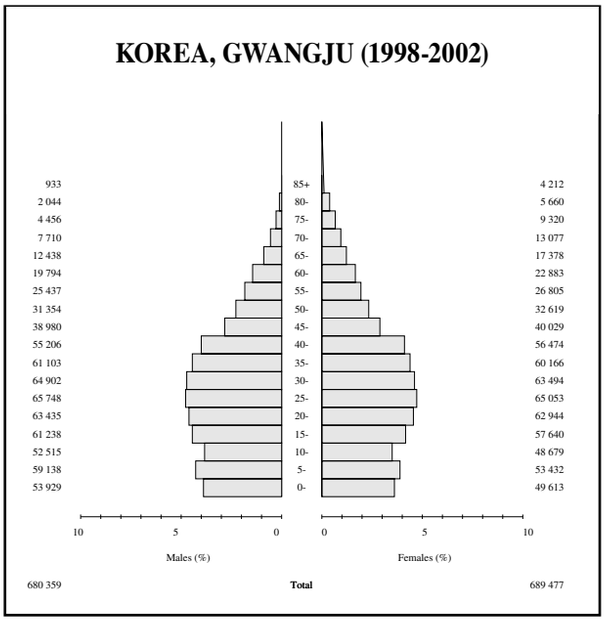
Registry structure and methods
The Gwangju Cancer Registry was established in 1997 after a yearlong feasibility study. The registry is operated by director, part-time medical staff and one or two full-time registrars. The registry has a management committee composed of directors and oncologists of major hospitals and the chief of the Gwangju metropolitan city health department. The committee determines the major direction of the registry activities and cooperates in data collection as well as advocates the registry. There is also a practicum committee composed of hospital medical record keepers to handle the practical details of cancer registration.

The majority of the case information is linked to the Korean Central Cancer Registry (KCCC), which is provided by teaching hospitals throughout the country. The corresponding hospitals in the city provide the data directly to our registry. Data on Gwangju residents registered from hospitals outside of Gwangju city are obtained from KCCC database. The cancer claims data for medical insurance are also used, especially for the non-teaching hospitals. The pathology reports without significant hospital records, outpatient department (OPD) reports and radiation oncology records are also examined for adjuvant information.

The registrar reviews the original information by hospital visit and medical record check. The justified cases are finally registered. Data obtained from outside sources are reviewed with the collaboration of Korean National Cancer Institute and other regional cancer registries.

Death certificate data are obtained from the Korea National Statistical Office. The death certificate data are then merged and verified with the GCR database, teaching hospital records and cancer claims data. Subsequently, the death certificates, which have no linked information, would be treated as death certificate only (DCO).

Our registry has regularly evaluated the completeness and accuracy of information recorded through record linkages with other registries, routine checks using the IARC tool, and reabstracting of medical records.



The Ministry of Health and Welfare of the Korean government provides financial support.

Interpreting the results
In Korea, there are five national screening programs for stomach, colorectum, breast, uterine cervix, liver cancer. PSA testing has increased during this period even though it is not involved in routine screening for cancer, and its influence on the prostate cancer incidence is not clear. ICD-O-2 was used for years 1998–2002; for incident cases from 2003, ICD-O-3 has been used.

Use of the data
The cancer incidence and other statistics contained in the annual report are recognised as official public data of Gwangju metropolitan city.

Each year the Registry submits the annual report to the City Hall. The City Hall then makes a public announcement of the statistics and distributes copies to the relevant agencies. Local health departments and public health centres use Registry data for planning or evaluation of their health services. We permitted access to our registry database for public health and clinical study, if not conflicting with our confidentiality guidelines.

The Registry has participated in some epidemiological study for regional difference of cancer, such as thyroid cancer.

Follow-up for survival of cancer patients and publication of an English version of the annual report are under consideration.

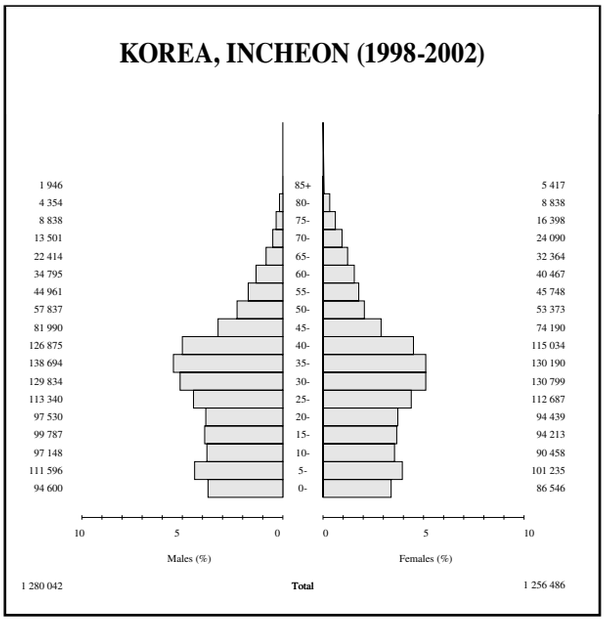
Source of population
1998, 1999, 2000, 2001, 2002: Registered population; the statistics of registered population (Gwangju city, 1999, 2000, 2001, 2002, 2003).

Multiple primary rules used
IACR rules (2004) on historical data.

Korea, Incheon

Registration area
Incheon is the third largest city in South Korea and is located on the western part of the Korean peninsula with the sea to the west and metropolitan Seoul to the east. It is an industrialized city with a well-established medical delivery infrastructure. The population of the city according to social-ID registration by Statistics of Incheon city was about 2.63 million in December 2005. Most of the population is Korean (98.6%).

Cancer care facilities
More than 100 medical institutions are in Incheon, and three university hospitals are available in diagnostic and treatment service for cancer. Patients suspected to have cancer in the primary and secondary care facilities are mostly referred to one of the three University hospitals. Two hospitals have all cancer treatment facilites, 10 have chemotherapy, 3 have radiotherapy and 46 have surgery.



Registry structure and methods
The Incheon Cancer Registry was organized in 1997 by Inha University Hospital in collaboration with the Korean Central Cancer Registry (KCCR) and is incorporated in the International Association of Cancer Registries.

Financial support is provided primarily by KCCR and partly by Inha University Hospital. ICR was composed of 7 members, 5 from Inha University Hospital and 2 from GachunGil hospital.

There are four main sources of cancer registry in ICR. The primary source of the ICR data is the registry files from the KCCR (Korean Central Cancer Registry) at National Medical Center, which are transferred from each regional cancer registries including ICR, allowing ICR to collect cancer cases diagnosed in Incheon as well as outside Incheon. The secondary source was cancer cases registered at non-KCCR hospitals in Incheon. Others come from health insurance documents (medical insurance claims) and death records from the National Statistic Office.

Trained medical record administrators (MRA) review the inpatient and outpatient medical record including pathologic, radiologic and endoscopic reports. To collect the death certificate cases from death records, ICR has applied the public-health personnel with the support of Incheon city officials, and has performed mail research to identify cancer patients from the hospitals which had identified the patient as having died of cancer.

ICR primarily classifies cancer patients by ICD-O-3 and multiple cancer and other specific classifications in accordance with the KCCR guidelines based on IARC manual. ICR uses its own registration format, which has more mandatory and optional items than KCCR's, and removes duplications and errors from the data by an ICR computer programme.

Follow up information is obtained predominantly by passive methods. These include obtaining cancer mortality information from death certificates in the Vital Statistics section. The mortality data are periodically matched with the incident cancer database using the National Identity number. The vital status of the unmatched incident cases is also ascertained by review of medical records. However, all incident cases for which death information is not forthcoming are presumed to be alive on the last day of the year for which the mortality data are fully utilised for matching.

Interpreting the results
National cancer screening programs have been applied for cervix and lung cancer. The incidences of prostate cancer have been very low as compared to other developed countries, so the national cancer screening program did not cover PSA test for detection of prostate cancer. Many individual hospitals employ PSA testing on a case-by-case basis.

Use of the data
We report the incidence of cancer annually by site, sex and age excluding extent of disease or survival to the government. Policymakers in government use regional cancer registry data, including Incheon Cancer Registry, for developing health services or laws.

Source of population
1998, 1999 estimated, Annual statistics of Incheon city on Registration of Social Identification. 2000 National Census. 2001, 2002 estimated, Annual statistics of Incheon city on Registration of Social Identification.

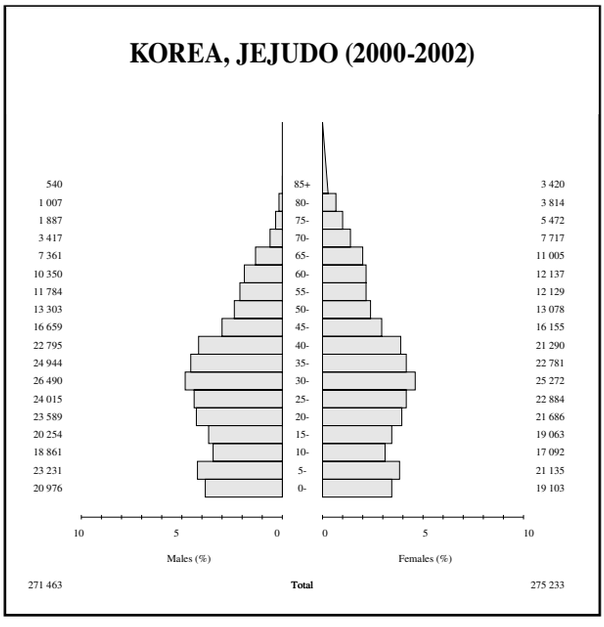
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Korea, Jejudo

Registration area
The Jejudo registry covers the population of Jejudo Island, which is situated in the southern part of Korea peninsula, between latitudes 33° and 34° N and longitudes 126° and 126° E, and is the largest island in South Korea with a total area of 1848 Km^2. The island came into existence 700 to 1200 thousand years ago when lava spewed from a sub-sea volcano and surfaced above the waters. The annual mean temperature reaches 17°C and the annual rainfall is about 1676 mm. It is famous as the "clean island" in Korea because there are no industrial factories giving rise to air and/or environmental pollution.

The population as of 2001 was 546 696. Of the economically active population, 71% is engaged in the service industry, 25% in agriculture including fishing, and 4% in industry.

The religious distribution in residents is as follows: Buddhist 36%, Christian 17%, Confucian 3%, and atheist 44%. Almost all of residents are Korean; the proportion of foreigners is 0.1%. Thus, we exclude events of cancer incidence in foreigners.



Cancer care facilities
Medical care for the whole population is covered and provided by the National Health Insurance (NHI) Plan. All six hospitals (two general and four private) on the island can diagnose cancer. However, one general and one private hospital among them can treat cancer patients because only these two hospitals have oncologists and cancer treatment facilities including radiotherapy departments. Hospital beds in these hospitals total 1528, approximately 2.8 beds per 1000 residents.

Registry structure and methods
Jejudo Cancer Registry (JCR) has been collecting new cancer cases occurring in Jejudo since 1 January 1999. It is located in the Cheju National University College of Medicine (CNUMC). It receives financial support from the Korean National Cancer Control Program, and is administratively supported by the Department of Public Health and Sanitation of Jejudo Provincial Government.

The Ministry of Health and Welfare (MOHW) established the nationwide, hospital-based Korea Central Cancer Registry (KCCR) in 1980. According to the KCCR program, the medical records department of nationwide teaching hospitals notifies all in-patient cancer cases voluntarily. In 2000, a pilot study was conducted to expand the pre-existing hospital-based registry into a population-based registry for Jejudo. It was found that 78% of the total incidental cancer cases could be registered using the KCCR data and that the remaining 22% could be collected by active registration.

There are two staff in the registry. The chief, taking total responsibility for the operation the registry, has majored in epidemiology. The other staff member is a medical recorder who visits the regional hospitals that are able to diagnose cancer; reviews medical charts, and gathers information about cancer incidence.

Among the six hospitals in Jejudo, two teaching hospitals report all inpatient cancer cases as well as some outpatient cases to KCCR. The KCCR annually offers information to the JCR on the cancer patients with an address in Jejudo at the time the initial diagnosis of cancer is made. Another source of registration is an active search by the registrars for cancer patients diagnosed in the non-KCCR registered hospitals in Jejudo. The registrar visits these hospitals to review and abstract medical records of potential cancer patients who appear in the list of cancer claims submitted to the NHI. This list also serves as a good source for tracking the identity of cases notified by a death certificate alone.

Death certificates for all cancer patients are obtained annually from the National Statistical Office, and are compared with the file entries of cases in the registry using the unique Resident Registration Number (RRN). The cases not already registered in the databases become Death Certificate Notification (DCN) cases. For the DCNs, the registrar searches and reviews medical records from the six hospitals using RRN.

The JCR evaluates the validity of the registry data with the IARC CHECK program and re-abstracts the medical records to check for errors in the data.

Interpreting the results
There was no change in area or population covered during the period of 2000–2002. The JCR has been using ICD-O-3 for coding since its inception, and there has been no change in case definition and coding.

The NHI in Korea supports a biennial cancer screening program for all Korean people aged above 40 years, including Jejudo residents. The sites covered by the programme are stomach by endoscopy, colon by colonoscopy, breast by mammography, uterine cervix by Pap smear test, and liver by ultrasonography. PSA testing is not common but is feasible as it is not expensive.

Use of the data
The registry prepares an annual report of cancer incidence, highlighting trends and changes in Jejudo, Korea. Some special studies of the utilisation pattern of medical services in the registered cancer cases have been carried out.

Source of population
Census.

Multiple primary rules used
Impossible to detect multiple primaries.

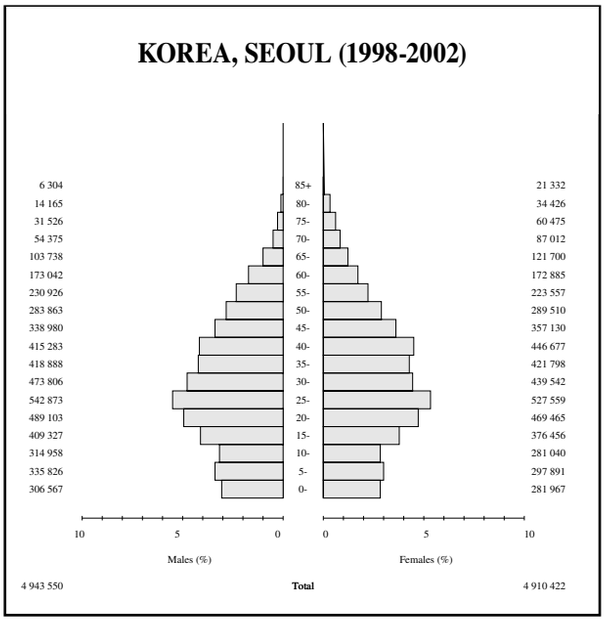
Korea, Seoul

Registration area
The Seoul Cancer Registry (SCR) covers the population of Seoul Metropolitan city, the capital of the Republic of Korea. The population at the most recent census (2001) was 10 263 336, about 21% of the total population of the country.

The Korean population is very homogeneous, with a very small Chinese minority of around 20 000. Traditional culture is mostly based on Confucianism, while Buddhism (25%) and Christianity (19%) are two of the most vigorous religions.

Cancer care facilities
Cancer care in the region is provided predominantly by large teaching hospitals and mid-sized hospitals, numbering 63 and 117, respectively, in 2003.

There are also 5948 clinics and 25 community health centres, but cancers are rarely confirmed in these facilities. Patients suspected to have cancer in primary clinics and community health centres are referred to one of the teaching hospitals, except for some elderly patients who decline further medical work-ups. This might cause incomplete registration among the elderly, unless the elderly cases are captured through the death certificates. Ninety-nine percent of cancers occurring in Seoul are treated in Seoul, and about 76% of patients treated in Seoul are from outside the city.



Apart from these facilities, there are 2545 clinics and hospitals practicing traditional oriental medicine. Although most cancer patients resort to western medicine eventually, some patients would only go to these traditional oriental clinics. These patients are not registered to SCR unless they are captured through the death certificates.

Registry structure and methods
The SCR is located in the Department of Preventive Medicine, Seoul National University College of Medicine, and in the Department of Social and Preventive Medicine, Sungkyunkwan University School of Medicine. It is funded by the Ministry of Health and Welfare. There are two part-time medical officers, one data manager, and four full-time registrars.

The SCR uses several sources of data finding. About 87% of the SCR data are registered through the Korean Central Cancer Registry (KCCR). KCCR is operated by voluntary registration from teaching hospitals throughout the country.

The second source of registration is active case finding by the registrars. The registrars make visits to about 81 mid-sized hospitals to review and abstract medical records of potential cancer patients who made insurance claims for cancer to the Association of Korean Medical Insurance. The insurance claim data also serves as a good source for tracking the identity of cases notified by a death certificate alone.

The third source is the death certificates to find the vital status of the registered cases and to register the Death Certificate Only cases (DCO). Death certificates from the National Statistics Office (NSO) cover all deaths occurring in Korea and include the full National Identity Number issued by the Korean Government to every Korean citizen at birth. The quality of death certificates in Seoul is good, about 98% being certified by medical doctors.

Using both the health insurance data and mortality data further enhances the completeness of the registration.

The SCR evaluates the validity of the registry data with the IARC CHECK program and re-abstracts the medical records to correct the errors in the data.

Interpreting the results
The size of the population and the number of medical facilities to be covered make it necessary to accept the data from KCCR pre-coded by many medical recorders from each hospital. Although the Association of Medical Recorders continuously instructs its members on cancer registry methods, the process still calls for a constant evaluation of the validity of the registry data.

Around 1998, opportunistic screening for breast and thyroid cancer started to become popular among women. The rapid increase in thyroid cancer among women could be accounted for by this change in screening rate.

Uses of the data
The registry produces reports on cancer incidence by sub district in Seoul, Korea. A special study of survival for all cancers has been carried out.

Source of population
Seoul Population Census : 2000

Multiple primary rules used
IACR rules (2004) on CI5 IX period

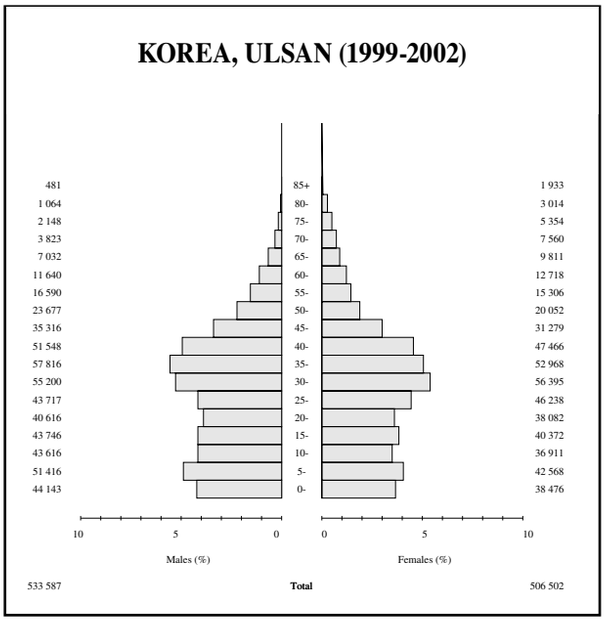
Acknowledgement
We thank Dr. Jae-Gab Park and Dr. Keun-Young Yoo, the former and current President of National Cancer Center in Korea, for their support to SCR.

Korea, Ulsan

Registration area
The Ulsan Cancer Registry (UCR) covers the population of Ulsan metropolitan city in Korea. Ulsan is a representative port city located in southeastern region of Korea. It covers an area of 1056.7 km^2. The population at the most recent census (2000) was 1 012 110. About 84% of the population (>850,000 inhabitants) lives in urban areas. In general, Korea has virtually no other ethnic group except Korean and only 2318 persons are registered as foreigners in Ulsan.

The annual mean temperature in Ulsan is 14.3° C, and annual rainfall is about 1272 mm.

Ulsan has become a rapidly industrialised city, accounting for 12.2% of the manufacturing industry in Korea. The main industries are the petrochemical, shipbuilding, and automobile industries.



Cancer care facilities
Medical care for the whole population is covered and provided by the National Health Insurance Plan. In 2004, Ulsan had 7279 hospital beds and 39 hospitals (2 teaching hospitals, 1 general hospital, 23 hospitals, 2 dental hospitals, 3 psychiatric hospitals, 4 sanatorium hospitals, and 4 traditional medicine hospitals), of which one is a university hospital, and 912 private clinics. The university hospital provides cancer surgery, chemotherapy and radiotherapy services.

Registry structure and methods
The registry is located in the department of occupational and environmental medicine, Ulsan university hospital, and is funded partly by Ministry of Health and Welfare, and partly by the city's health department. Two part-time medical doctors and one full-time registrar staff the registry.

Approximately 79% of the cases are registered from the data files of the Korean Central Cancer Registry (KCCR). The KCCR identifies incidence from cancer cases in Korea through the nationwide hospital-based discharge system. This hospital-based database covers all general hospitals in Korea.

The second source of registration is the list of cancer cases from claims made through the National Health Insurance Corporation.

The third source is the death certificates. The cases not already registered in the UCR database become Death Certificate Notification (DCN) cases. Death certificates from the National Statistics Office (NSO) cover all deaths occurring in Korea and include the unique Resident Registration Number (RRN) issued by the Korean Government to every Korean citizen at birth. The RRN also serves as a good indicator for tracking cases notified by death certificate alone.

In addition to these three major sources, several secondary data sources, such as log files from pathology laboratories and radiotherapy departments, help to identify unregistered cancer patients.
The UCR evaluates the validity of the registry data with the IARC CHECK program and re-abstracts the medical records to check for errors in data. A formal evaluation of the data is done in collaboration with the Korean National Cancer Centre.

Interpreting the results
There has been no change in area or population covered by the UCR during the period 1999–2002. The UCR has been using ICD-O-2 for coding since its inception, and there has been no change in case definition and coding.

There are 5 cancer screening programs in Korea, namely cervix, breast, prostate, stomach and liver. If prostate cancer is suspected or if symptomatic of BPH, then PSA testing is regularly performed.

Use of the data
The registry produces annual reports on cancer incidence and mortality in Ulsan. The data have been used for several epidemiological studies on primary, secondary and tertiary prevention of cancer. The registry is especially interested in monitoring occupational cancer.

Source of population
The estimate of the population–at–risk is based on the 2000 census, making allowance for births and deaths, but it was not possible to estimate migration into and out of the registration area.

Multiple primary rules used
IACR rules (2004) on CI5 IX period

Kuwait

Registration area

Kuwait is one of the major oil-producing countries in the Middle East, with a surface area of 17 818 km^2, and is situated in the northwestern corner of the Arabian Gulf. The mainland is flat sandy desert with a scattering of oases. There are a few rocky hills ranging from 180 to 300m above sea level. Kuwait experiences wide variation in temperature, ranging from an average of 45ºC in July to an average of 8ºC in January. There is also wide variation in annual rainfall, ranging from as little as 22 mm to 350 mm. This falls almost entirely between November and April.

Kuwait has experienced rapid social and economic development over the past four decades. It is a society undergoing demographic and epidemiological transition. For Kuwaiti nationals, these changes have included important declines in infant mortality (11.4/1000 live births) and improvements in life expectancy (75 years). Kuwait also has one of the highest annual population growth rates in the world (4.5%) and has greatly increased the literacy rate to about 85%.

The total population in 1995 was about 1.88 million: 37% are Kuwaiti nationals and 63% are non-Kuwaitis (expatriates). Expatriates living in Kuwait are a heterogeneous and transitory group representing over 50 countries. However, it is noteworthy that the vast majority (95%) are from Southeast Asian and Arab countries. In 1994, Southeast Asians (from Afghanistan, Bangladesh, India, Iran, Pakistan, Philippines, and Sri Lanka) represented 58% and Arabs (from Egypt, Jordan, Lebanon, and Syria) 37% of the expatriate population. Compared with countries in Europe and North America, Kuwait has a relatively young population structure: about 44% of Kuwaitis and 17% of non-Kuwaitis are aged <15 years.

Cancer care facilities

For administrative purposes, the country is divided into five health regions: Capital, Hawali, Al-Farwania, Al-Ahmadi, and Al-Jahra. The medical services in each health region comprise a number of primary/family healthcare clinics, which provide general, maternal, child and dental healthcare services, and a general public hospital. Besides these facilities, there are a number of centralised specialist hospitals including Kuwait Cancer Control Centre. The centre was established in 1982 and is the only specialised cancer treatment hospital in the country. It offers modern facilities for cancer diagnosis, treatment and follow-up.

Registry structure and methods

The Kuwait Cancer Registry was established in 1971 in the Radiotherapy Department at the Al-Sabah hospital. The initial purpose of the registry was to study the incidence and morphology of cancers in the Kuwaiti population and to use this information as the basis for establishing a comprehensive cancer centre for diagnosis, treatment, follow-up and care of cancer patients. Subsequently, the Kuwait Cancer Control Centre was established in 1982 and the registry became a separate department of the hospital.

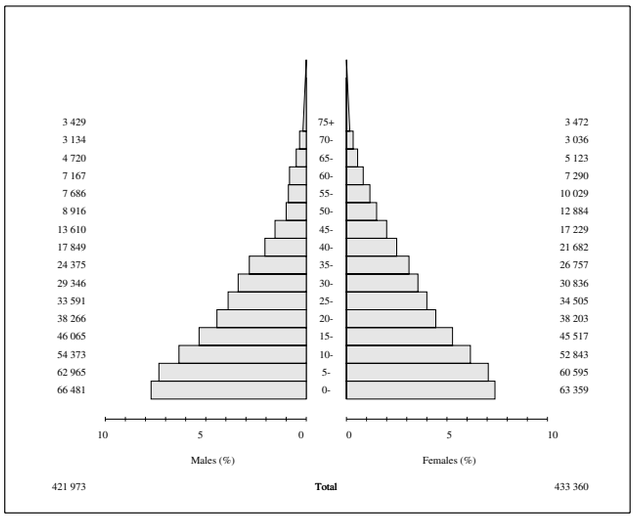
Notification of cancer is compulsory through a Ministerial Decree. Cancer registrations are fairly comprehensive as almost all cases not initially diagnosed or treated at the Kuwait Cancer Control Centre (including those who receive initial treatment at other hospitals or abroad) are ultimately referred to the centre for further treatment or follow-up. The registry maintains a separate alphabetical and numerical index, which includes information such as case note number, name, age, sex, nationality, year of diagnosis, and site. Pathology reports and death certificates are filed numerically by year. All new registrations are checked against these data items to avoid duplication.

The sources of information are: case notes from the Cancer Control Centre and other hospitals; reports from the pathology departments of the Cancer Control Centre and of other hospitals; and mortality data from the Vital and Health Statistics Division of the Ministry of Health. All coding (topography, morphology, TNM classification, etc.) and computerisation of data is done by the registry staff. The registry is staffed by a director, a medical officer and an administrator, two cancer registrars, and one medical records clerk and two computer technicians.

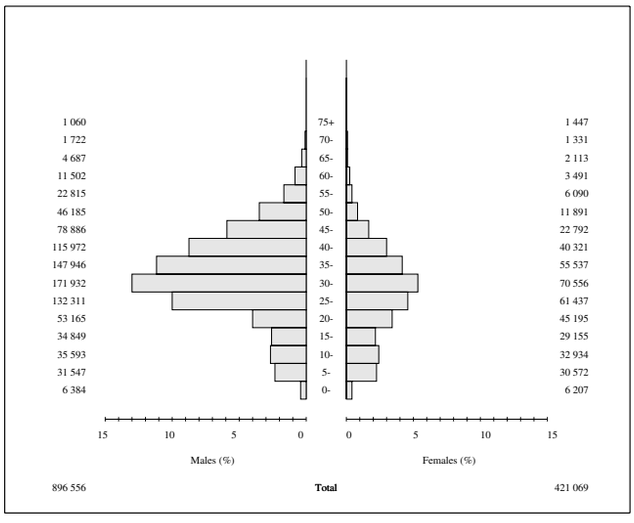
Use of the data

The data are used for monitoring trends in incidence and in research. They are also used for planning and evaluation of cancer care facilities. The registry is especially interested in monitoring any change in the incidence of cancer that may have occurred following the Gulf War in 1991.

KUWAIT: KUWAITIS (1998-2002)



KUWAIT: NON-KUWAITIS (1998-2002)



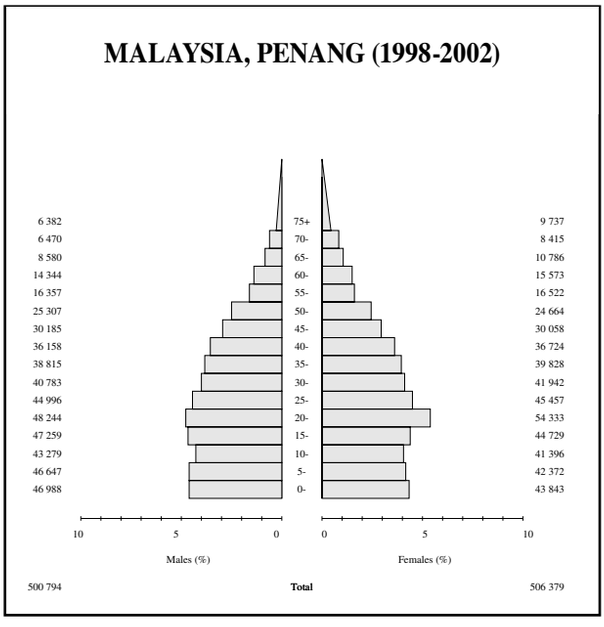
Source of population
2001 estimates.

Multiple primary rules used
Impossible to detect multiple primaries.

Malaysia, Penang

Registration area
The Penang Cancer Registry covers the population of 5 districts (Timur Laut, Barat Daya, Seberang Perai Utara, Seberang Perai Tengah and Seberang Peri Selatan) within the state of Penang, in the northwestern part of the Malaysian peninsula. The population at the most recent census (2000) was 1 313 449, with 79.6% of the population living in urban areas. Penang has a higher population density than the rest of the country.

The ethnic composition and socio-economic profile of the Penang population differs from the other states within Malaysia in that Penang has a better economic attainment and higher per-capita income than most other states. It also has a higher proportion of Chinese residents than the rest of the country, with an overall ethnic composition of 53.4% Malays, 26.0% Chinese, 7.6% Indians and 12.9% others (Department of Statistics, 2001). The official religion is Islam.



Cancer care facilities
Both the private and the public sector, through a network of regional hospitals, provide general health care in the region's district hospitals with and without specialists and a network of primary health centres. In addition there are 11 private hospitals in the state and 426 General practitioners. All modalities of treatment for cancer are available in Penang. However, radiotherapy services are only available at Mount Miriam Hospital and at Pantai Mutiara Hospital. Mount Miriam Hospital is the regional cancer centre for Northern Peninsula Malaysia.

Registry structure and methods
The registry is located within and funded by the State Health Department. An epidemiologist, nurse, 2 clerical staff and part-time clerical staff (when the need arises) staff the registry. In addition, nurses from each of the districts also assist in active case detection. Strict confidentiality is maintained at all times at the registry.
The Penang Cancer Registry uses both active and passive finding methods. Active case finding and routine checks are done using public and private hospital discharge records, as well as pathology record listings from the public and private laboratories, to ensure completeness of data. Registry staff visit the sources of data to extract required information. The registry also relies on other healthcare workers to complete notification forms and forward them to the registry. This is supplemented by case detection from death records supplied by the National Registration Department. All possible sources of data in the State are identified. Arrangements are also made with other hospitals outside the registration area to notify the registry of resident cancer cases that are diagnosed and treated there.

The Cancer Registry Committee and the State Technical Committee evaluate the completeness and accuracy of the information.

Interpreting the results
It is not possible to estimate how many cancer cases remain undiagnosed. However, Penang's health coverage is very extensive even in the remotest areas, and a full range of diagnostic and treatment facilities are available here, so it is very unlikely that any referred cases will be missed.

Screening services for cervical cancer and a breast self examination programme are routinely carried out by the primary healthcare facilities. Extensive screening services are also provided by the private sector. PSA testing is offered by all the private hospitals for a fee, and in general hospitals only when indicated.

Use of the data
The registry has prepared annual statistical reports for the years 1994, 1995, 1996 and 1997 as well as two 5-year reports (1994–1998 and 1999–2003). The reports highlight trends and changes. The data are used for planning and evaluation of cancer control programme in the state, and are also used by universities for specific research.

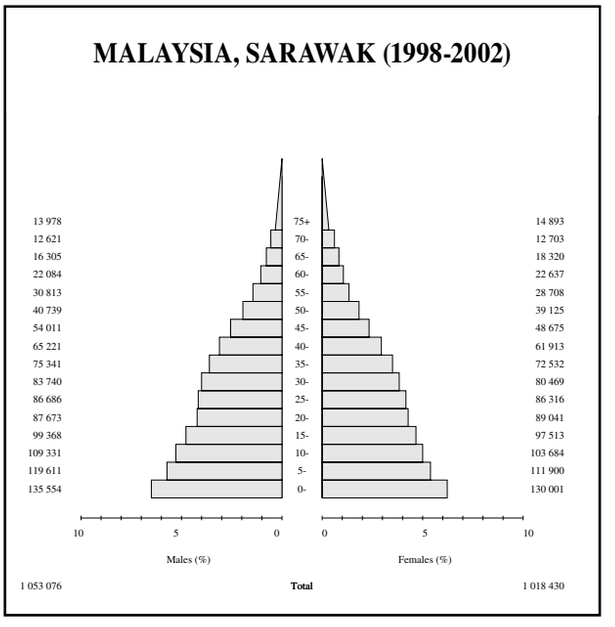
Source of population
1999: projection from 1991 census. 2000: census. 2001, 2002: projection from 2000 census.

Multiple primary rules used
IACR rules (1990).

Malaysia, Sarawak

Registration area
The Sarawak Cancer Registry is a population-based cancer registry that commenced data collection on 1 January 1996. The registry covers the population of 11 divisions (Kuching, Sri Aman, Sibu, Kapit, Miri, Limbang, Sarikei, Bintulu and Samarahan, Mukah and Betong Divisions) in the state of Sarawak in Malaysia. The population at the most recent census (2000) was 2 071 506. About 48% of the population lives in urban areas; ethnic composition is 30.0% Iban, 26.7% Chinese, 23.0% Malays, 8.3% Bidayuh, 5.9% other Indigenous, 5.6% Melanau and 0.4% other ethnic Groups

Cancer care facilities
General health care in Sarawak is provided predominantly by the Sarawak Health Department, through the district hospitals and a network of primary health centres. Private practitioners and hospitals supplement this. Radiotherapy service in Sarawak is only available at the Sarawak General Hospital in Kuching. Patients who require radiotherapy treatment are referred to the Sarawak General Hospital for treatment. Furthermore, as this is the only hospital providing radiotherapy services in the State, the likelihood of cancer patients seeking radiotherapy treatment beyond the catchment area of the registry is minimal.



Registry structure and methods
The registry is located in the Non-Communicable Diseases Control Section of the Sarawak Health Department, and fully managed and fully funded by the Sarawak Health Department. A full-time medical officer, two full-time registrars and a part-time registrar staff the registry.

Cancer registration is based primarily on voluntary notifications. The registry seeks basic epidemiological and clinical data for all cancers diagnosed in Sarawak since 1 January 1996. The registry receives notifications in a standardised format from all sections of the medical profession in Sarawak. Active case finding and routine checks are made of government and private hospital discharge records as well as pathology record listings from the public and private laboratories to ensure completeness of the data.

This is supplemented by case detection from death records supplied by the National Registration Department.

In order to ascertain high coverage and accuracy of data, the Sarawak Cancer Registry team performs several quality control checks. These include sourcing out missed cases, identifying multiple notifications and inaccurate information and inspecting case notes of discharged cancer patients in all government hospitals in Sarawak. Although cancer is not a notifiable disease, a fair number of registration forms are received from private practitioners.

Interpreting the results
It is not possible to estimate how many cancer cases remain undiagnosed, but underestimation could occur for elderly subjects in rural areas. Health services in Sarawak have a full range of diagnostic facilities, so that it is unlikely that cases referred will be missed. Screening service for cervical cancer is ongoing and provided by the primary health centres. While there is increasing interest in PSA testing, it is not routinely done in our population.

Use of the data
The registry had published the 1996–2000 cancer report highlighting incidence of cancer in Sarawak by gender, age and ethnic group. The data from the cancer registry are being used for planning and evaluation of health services. The registry is currently developing a cancer atlas for Sarawak and analysing cancer survival in Sarawak.

Our registry is currently doing research on the geographical distribution of common cancers in our population, such as nasopharyngeal carcinoma, colorectal cancer, breast cancer and cervical cancer. Preliminary results of the research on the geographical distribution of nasopharyngeal carcinoma in Sarawak were presented as part of the paper “Epidemiology of Nasopharyngeal Cancer in Sarawak”, presented at the Beijing IACR Meeting. Our registry is currently working on a proposal for research into screening for nasopharyngeal cancer in Sarawak.

Source of population
1998, 1999: projection from 1990 census. 2000: census. 2001, 2002: projection from 2000 census.

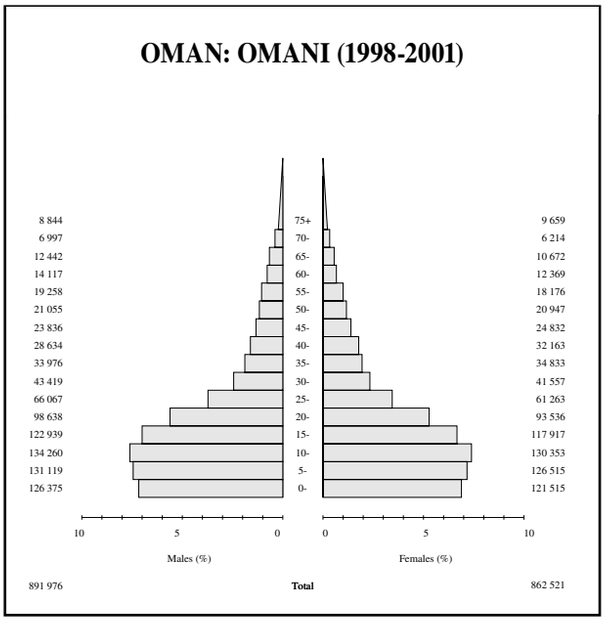
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Oman

Registration Area

The Sultanate of Oman is located in the southeastern corner of the Arabian Peninsula. It has a costal line extending almost 1700 km from the Strait of Hormuz in the north to the borders of the Republic of Yemen in the south and overlooks three seas; the Arabian Gulf the Gulf of Oman and the Arabian Sea. The Sultanate of Oman borders the Kingdom of the Saudi Arabia and United Arab Emirates in the west, the Republic of Yemen in the south, the Strait of Hormuz in the north and the Arabian Sea in the east. There are a number of scattered Omani islands in the Arabian Sea; the most important are Masirah and Al Halaniyat.

The total area of the Sultanate of Oman is approximately 309 500 km^2, making it the second largest country in the Arabian Peninsula. The Sultanate is composed of varying topographic areas consisting of plains, wadis (dry river beds) and mountains. The most densely populated and agriculturally fertile area is plain overlooking the Gulf of Oman and the Arabian Sea (3% of the total area). The mountain ranges occupy almost 15% of the total land of Oman and are inhabited by about 5% of the population. The remaining area is mainly sand, wadis and desert (about 82% of the total area). The climate differs from one area to another: it is hot and humid in the coastal areas in summer, hot and dry in the interior with exception of higher mountains and southern regions of Dhofar, which enjoy a moderate climate throughout the year.



Based on the 1993 census the estimated Omani population in 1998 was 1 684 850. Based on a second census conducted in 2003, the estimated Omani population in 2004 was 1 802 931. In 2004 about 12% of the population was under 5 years of age and 40% were under 15 years. Only 3.1% of the total Omani population was above the age of 60 years. There were 102 males for every 100 females.

Patients are classified as nationals and non-nationals. However, no data is collected on ethnic background of patients.

Registry Structure and Methods

The cancer registry in Oman was established in 1985 in Al Nahdha Hospital as a hospital-based registry. In 1996 it was moved to the Department of Non-Communicable Diseases Control at the Ministry of Health Headquarters. Since then the Oman National Cancer Registry has functioned as a population-based registry covering the entire Sultanate of Oman and is staffed by two part-time epidemiologists and two full-time cancer registrars. Cancer notification forms were modified and distributed to all regional hospitals and sister institutions for reporting.

Sources of cancer information for the Registry include passive reporting by the diagnosing physicians from different hospitals including University, Police and Armed Forces Hospitals, histopathology and cytology reports from the five main laboratories in the country and the outpatient logbooks and radiotherapy and chemotherapy appointment lists of the Oncology Department at the main tertiary facility, the Royal Hospital. In addition, discharge diagnosis and monthly hospital mortality lists of patients with diagnosis of cancer are obtained from different hospitals in the country.

In December 2004 radiotherapy services became available in Oman in addition to the other modalities of treatment, which already existed. This minimised the number of patients sent abroad for treatment and provided the registry with an extra source of cancer notification. Details of the patients sent abroad for treatment (mainly for radiotherapy) were obtained from the Department of Treatment Abroad and from Tuwam Hospital (main referral hospital for radiotherapy in the neighbouring United Arab Emirates).

Between 1985 and 1997, the registry used Dbase software for data entry. In 1998 the whole database converted to the IARC/IACR CanReg software programme.

Interpreting the results

Opportunistic screening activities are ongoing for cervical cancer. However there are no organised screening programmes yet. PSA testing is not common in the population.

Smoking is on the increase in Omanis, and many industries are promoted now, both of which could result in an increase in the incidence of cancer.

Source of population

Data for 1998–2001 are annual projections based on the Cohort Component Technique, using the West UN life table model and based on the 1993 census.

Multiple primary rules used

IACR rules (1990).

Notes on the data

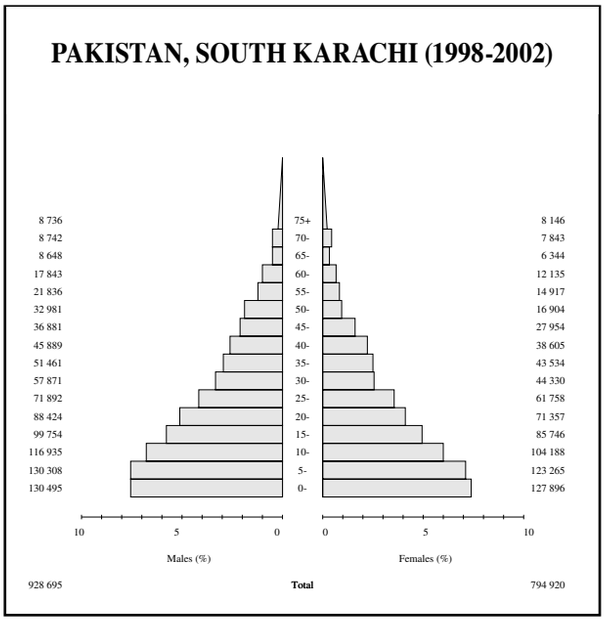
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

Pakistan, South Karachi

Registration area

Karachi is the largest city of Pakistan, an Islamic Republic in south central Asia and the capital of Sindh province. Located on coast of the Arabian Sea, at latitude 24° 51' N, longitude 67° 02' S, it is the nation's major commercial and industrial centre as well as the largest seaport. The city covers 591 km^2 while the metropolitan area covers 1450 km^2. The city of Karachi is divided into 5 districts. The Karachi Cancer Registry (KCR) registers incident cases of the southernmost district of the city. Karachi South has a year-2000 population of 1 723 617; males 928 695 and females 794 922. The population is urban.

Karachi is a multi-ethnic city. The dominant ethnic group in Karachi is the Urdu-speaking Muhajirs; the other large groups include the Sindhis, Balochis, Punjabis, Pashtuns, Kashmiris and Seraikis. There is a refugee population that includes Afghan, Pakhtuns, Tajiks, Hazaras, Uzbeks, and Turkmens. There are also Bengali, Arab, Iranian and African immigrants, and a large community of Zoroastrian-Persian Parsis and Goan Catholic Christians. The linguistic distribution of population was: Urdu-speaking 48.52%; Punjabi 13.94%; Sindhi 7.22%; Pushto 11.42%; Balochi 4.34%; Seraiki 2.11%; others 12.4%. Most inhabitants are Muslim (96.49%), with some Christians (2.35%), Hindus (0.83%) and Qadiani (0.17%).



Karachi South is a sample population of Pakistan, having an equal distribution of the major ethnic groups and all the minority groups of the country. The population distribution of KS and Pakistan are similar as regards age, gender and religion. The male preponderance reflects the in-migration for work from other regions of Pakistan i.e. Sindh, Baluchistan, NWFP and Punjab. These men are residents of the district, as they spend an entire life in Karachi, going back to their village only during their annual or bi-annual leave.

Cancer care facilities

Karachi South has 2 provincially administered tertiary care public health hospitals and 1 armed force administered hospital, one with a radiotherapy facility, that provide free to subsidized surgery and diagnosis. The Aga Khan University had 6 diagnostic centres in the district during the reference period. Other private medical facilities provide surgical and diagnostic facilities but provide less-than-optimal quantitative medical oncology or radiotherapy treatment cover, as the tertiary care facilities are also shared by numerous referral cases from across the Province of Sindh. Thus the majority of the cancer patients utilise services outside the district, city or even the country.

Registry structure and methods

The Karachi Cancer Registry (KCR), the first population-based registry in Pakistan, has been philanthropically funded for 12 years. It has 6 permanent staff members and many volunteer workers in 2 offices at the Sindh Medical College and Aga Khan University (pathology department).

Data collection is a combination of active search, passive notification, and automated notification. The principal source of information on cancer cases is the diagnostic centres of the Aga Khan University.

The registry has access to death certificates with personal identifiers. This source has limited value as the cause of death registered is non-specific. Cancer is not a notifiable disease and problems of 'confidentiality' are high with major centres, e.g. the Aga Khan University.

Quality control

The data are classified using ICD-O3 and computerised using a customised version of CanReg-4, with internal checks on the validity of entered data. Manual and computerised validity checks for the cancer data were performed as per IARC and IACR recommendations. This involved factors influencing comparability, i.e. classification and coding. Demographic variables recorded were the hospital patient-number, date of incidence, name, age, sex, address, ethnicity, topography, morphology, grading and staging.

Interpreting the results

Private sector input has significantly increased and altered the contribution from data sources. Whereas the public health sector contribution was more in 1995–1997, the private health sector contribution far outweighs the former in the present reference period.

There are no screening programs for any region in Pakistan; however, there are facilities for PSA testing, PAP smears and mammography.

It is not possible to precisely estimate how many cancer cases remain undiagnosed, as there are no autopsies and the death registration system is very inadequate and incomplete. The registry however annually conducts a formal evaluation of the completeness or accuracy by utilizing the well-maintained and documented cancer data at Zainab Punjwani Medical Centre and the Baqai Institute of Oncology.

The district has a preponderance of self-inflicted (tobacco, arecanut, paan misuse) malignancies in men and breast cancer in women. These outweigh any occupational exposures if present, there being oil refineries and tanneries in this district. Karachi South is a belt fringing the Arabian Sea. Potential environmental hazards could be oil spillage and un-detoxified chemical products discharged into the sea by tanneries and other factories.

Use of the data

The incidence data are reported regularly to the Federal Government and various agencies in Pakistan requiring the same

for health sector planning and monitoring. The data are used for case–control studies, for research theses and dissertations of post-graduate students and fellows. The NCCP Pakistan planning, implementation and monitoring is based on this data.

Source of population
Census 1998. 1999–2002 estimated using 1.94% growth rate from Census 1998.

Multiple primary rules used
IACR rules (2004) on historical data

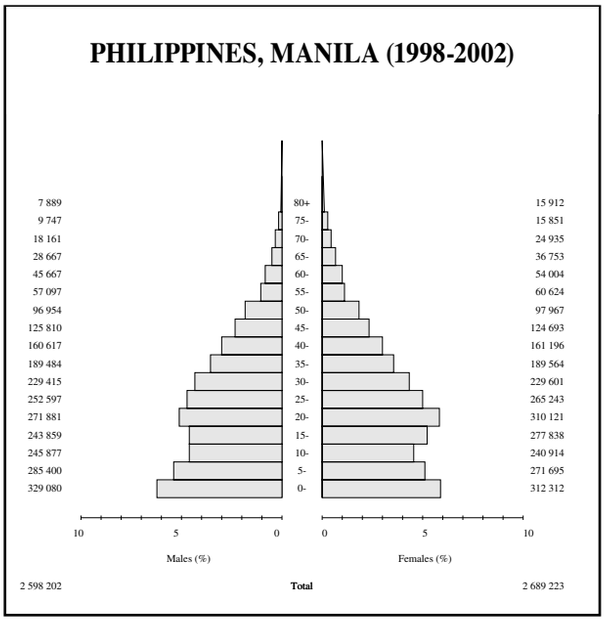
Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

Philippines, Manila

Registration area

The registry covers the four major cities (Manila, Quezon, Pasay, Caloocan) of the National Capital Region (NCR), the major urban centre of the country. It encompasses a land area of 274.2 km^2 located in the southwest portion of Luzon between latitudes 14°48′23″ and 14°31′15″ N and longitudes 14°39′53″ and 121°05′20″ W. Manila is the capital and main port of the Philippines, the hub of commerce and trade and the seat of cultural and intellectual activities.

The population covered by the registry, based on the 2000 census of Population and Housing, is 5 287 425, a 4.1% increase over 1995. As a whole, the population is young, with 31.87% under 15 years of age and only 2.10% over 65. It comprises 140 different ethnic groups, the largest of which are Tagalog (69.85%), Bicol (4.27%), Ilocano (4.16%), Bisaya (3.87%) and Waray (2.81%). Among the foreign ethnic groups the largest are Chinese (0.59%), Other Foreign (0.04%) and American/English (0.02%). Most (88.8%) are Roman Catholic, 3.2% Iglesia ni Kristo and 0.6 % Muslim.



Cancer care facilities

Health services in the National Capital Region and the adjacent province of Rizal include four cancer institutes, 168 secondary and tertiary care hospitals, 43 primary care hospitals and 32 Department of Health clinics for out-patient consultations. Ten hospitals have radiotherapy facilities.

Registry structure and methods

The Philippine Cancer Society (PCS) began cancer registration in 1959 in an attempt to organise a national cancer registry. Although this was not successful, it served as a pilot study. In 1968, the Central Tumor Registry of the Philippines (CTRP) was launched, covering 25 hospitals in Manila and one in Cebu, completely relying on notifications from these hospitals. In 1983, it was converted to a population-based cancer registry and renamed the Philippine Cancer Society-Manila Cancer Registry. Cancer registry clerks were trained to abstract pertinent information from hospital records and death certificates and they actively collected data on cancer cases in its catchment area for the period 1980–82 onwards.

The registry is located in the PCS building, and is fully funded by the PCS. The registry staff comprises six part-time consultants, one full-time supervisor, and six cancer registry research assistants. In 1984, the registry started a cooperative effort with the Department of Health-Rizal Cancer Registry in covering 134 hospitals within the National Capital Region and Rizal Province. Both registries use the same active data collection methods.

Hospital data sources include medical records, radiotherapy records, pathology/haematology records and logs, radiology, ultrasound, nuclear medicine, CT/MRI reports and logs, and hospital tumour registries. Death certificates from the office of the Local Civil Registries are also reviewed. The registry staff also visits selected private surgeons, oncologists and hematologists.

Data received are checked manually and electronically for completeness and consistency as well as for duplication. Coding consistency and validity is checked with the IARC/IACR CanReg-4 software. Follow–up was done previously through death certificate review. In 1997, however, PCS-MCR conducted its first population-based survival study on the 1987 incident cancer cases, using both active and passive follow-up. Although regular formal evaluation of data completeness or accuracy is ideal, limitation in funding still restricts this activity.

Interpreting the results

Some challenges faced by the registry include inadequate manpower for data collection and other registry procedures; poor record-keeping in some hospitals; non-inclusion of private pathologists' reports in some hospital records; use of different names (particularly among Chinese); and delayed data collection due to confidentiality concerns in some hospitals.

The increase in availability of diagnostic and treatment facilities has not necessarily increased their utilisation because of economic and educational factors; PSA testing is not common, and there are no organised screening programmes for any cancer site. There were no unusual environmental or occupational exposures which could have influenced cancer incidence in the population.

Those changes in case definition and coding initiated by IARC are the only ones used by the registry. High percentages of DCO registrations in 1993–1997 led to more thorough trace-back of DCN cases in the hospitals and patient residences, particularly for liver cases (50% at the time). In spite of these problems, the staff continues its efforts at improving completeness as well as data accuracy.

Use of the data

The registry prepares reports on cancer incidence as well as trends. Data generated from the Manila and Rizal registries have served as a basis for planning of most of the cancer control activities of the Philippine Cancer Control Program of the Department of Health. They have been used for epidemiological research, as well as for public information activities of the media and NGO's. There is an ongoing collaboration with the German Cancer Research Center regarding recent trends, up-to-date estimates and determinants of cancer survival on 10 leading sites among 1993–2002 incident cases.

Source of population
Census 2000. Gathering of population and housing data was performed by census enumerators through house–house visits and interview of a responsible member of each household. The household was the enumeration unit.

Multiple primary rules used
IACR rules (2004) on historical data

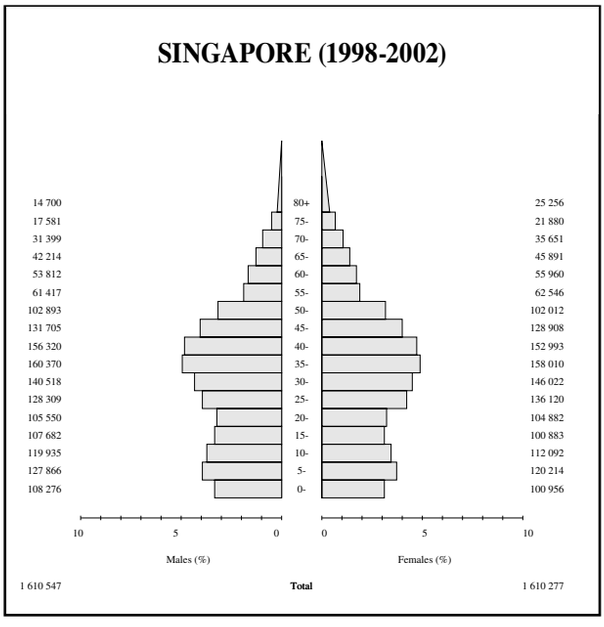
Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

Singapore

Registration area

The registry covers the whole of the Republic of Singapore, situated in Southeast Asia, and comprises the main island of Singapore and several offshore islands which jointly cover an area of 682.7 km^2. The main island measures 42 km from east to west and 23 km from north to south, and is situated on latitude 1°17'N and longitude 103°15'E, at the southern tip of the Malayan Peninsula. The island is rather flat, the highest point being a central granite hill 166 metres high. The maximum temperature is around 31°C and the minimum 24°C. The mean relative humidity is around 84%. The island generally has rainfall throughout the year (total annual rainfall approximately 2344mm), but is particularly wet during the monsoon season from November to January.

The resident population (3 263 209 in 2000) comprises several ethnic groups, the largest of which are Chinese (76.8%), Malays (13.9%) and Indians (7.9%). Overall, the population density (2000 Census) is 4780 persons per km^2.



Cancer care facilities

In 2000, there were 5395 registered medical practitioners (one medical practitioner to 745 people), of whom 2779 were in private practice and 2616 in the public sector. A total of 11 798 hospital beds (2.9 hospital beds per 1000 population) were available: 9556 in 13 public hospitals and 2242 in 13 private hospitals. There were also 16 public outpatient Polyclinics, which together with private clinics offer primary health care. Diagnostic and treatment services including radiotherapy are available in the public and private hospitals.

Registry structure and methods

Comprehensive population-based cancer registration began in January 1968. The Registry was founded primarily to obtain information on cancer patterns and trends in Singapore. Until March 2001, the Registry was staffed by one pathologist and three epidemiologists (part- time), and three secretaries and one record searcher (full-time). In April 2001, the Registry came under the auspices of the National Disease Registries Office and is currently situated at the Health Promotion Board with two additional full-time staff. There is a Steering Committee comprising representatives of the Ministry of Health and various hospitals.

Sources of data are: (a) cancer notifications from all sections of the medical profession, (b) pathology records, (c) hospital records and (d) death certificates. Cancer notification is voluntary. All doctors in Singapore are provided with notification forms with prepaid postage. The Registry ensures that notifications are as complete as possible by checking all pathology reports from public and private laboratories, and death certificates issued in Singapore as well as records of all public hospitals. Cancer cases identified from these sources are checked against registered cases, and reminders are sent to doctors in charge of cases that have not been notified to the Registry. Cancer cases not notified by doctors (approximately 10%) are registered by the Registry staff on the basis of information derived from the sources mentioned above. Cancer registration is generally comprehensive since all cases diagnosed histologically and all cases with mention of cancer in hospital discharge forms and death certificates are included.

There is no personal contact with cases or patient follow-up by the Registry. Information on diagnosis and survival is obtained through hospital, pathology and death records.

The cancer notification forms and a register of cases are maintained on a current chronological basis. All relevant information is coded, and the Registry maintains a computerised file of all cases. Duplication of cases is avoided by checking all new cases against the master index.

Certification of death is virtually complete in Singapore. In 2000, 97.6% of all deaths were certified by qualified medical practitioners or the Coroner and 2.4% by Inspecting Officers. The latter would certify a case as cancer only on the basis of a previous hospital diagnosis.

Evaluation of completeness or accuracy of information recorded will be carried out at the end of a 5-year period before publishing the Singapore Cancer Registry 5-year monograph.

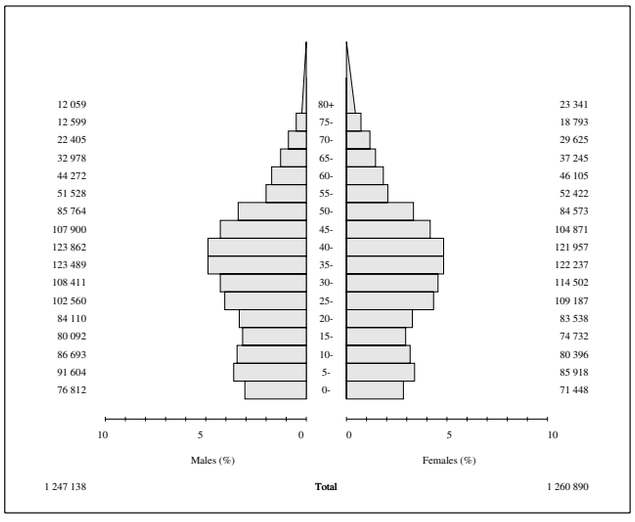
Interpreting the results

Although the population covered by the registry has increased (the growth rate for resident population was 1.8% in 2000), it is unlikely that cancer cases will be missed as the public and private hospitals in Singapore have the full range of diagnostic and treatment facilities and the population-to-doctor ratio continued to improve. Opportunistic cancer screening services were offered by hospitals and clinics in the public and private sectors.

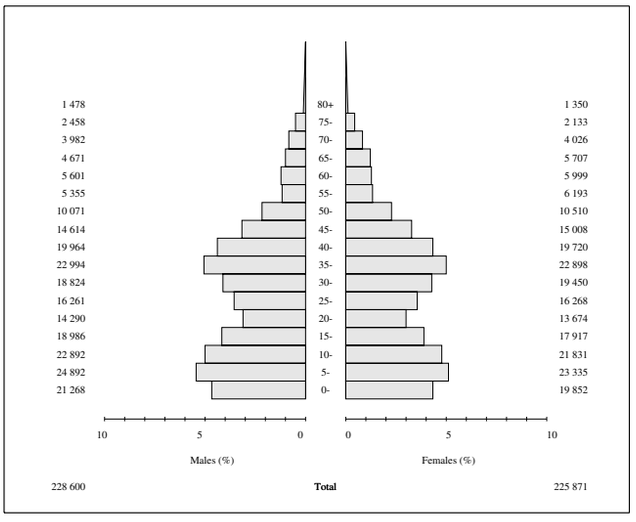
Use of the data

The data have been used mainly to determine incidence levels and relative risks of cancers in Singapore by sex, ethnic groups and migrant status. Such information has formed the basis of epidemiological and clinical studies on specific cancers. The Ministry of Health Singapore and hospitals administrators use the data for planning and evaluation.

SINGAPORE: CHINESE (1998-2002)



SINGAPORE: MALAY (1998-2002)



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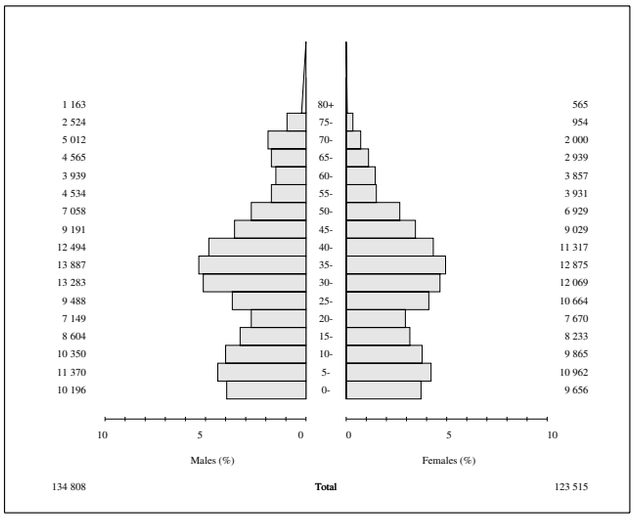


Source of population
Estimates based on the 1990 and 2000 census data.

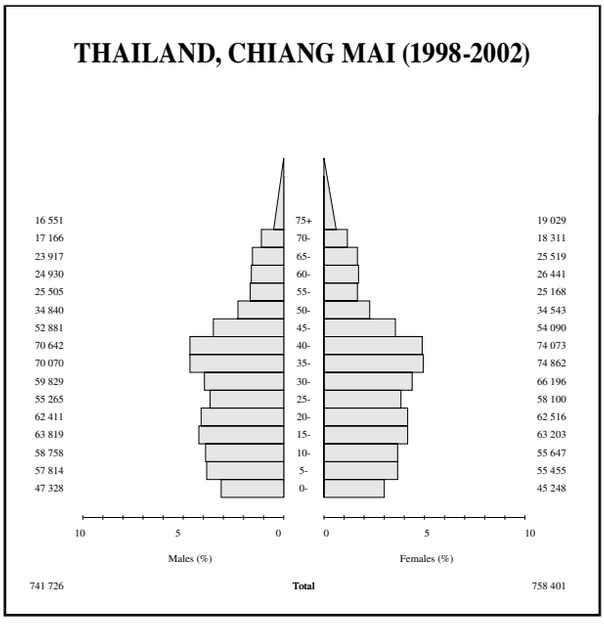
Multiple primary rules used
IACR rules (1990)

Thailand, Chiang Mai

Registration area
Chiang Mai Cancer Registry covers the population of Chiang Mai province. The population of the province at the 2000 census was 1 500 127 persons. There were approximately 430 154 families, and the population density averaged 79.1 people per km^2. In the municipal area, this figure increased to 4789.9 per km^2. Only 26.5% of the total population was living in the municipal area.

Eighty-two percent of the population was local by birth, and the remainder was made up of Thai nationals, Chinese, Laos, and hill tribe people. Buddhism was the professed religion of 91.7% of the people in the province. For the remainder, most were either Christians or Muslims.

Cancer care facilities
The Chiang Mai Provincial Public Health Office, through the provincial hospitals and district hospitals, predominantly provides general health care in Chiang Mai province. Cancer diagnostic services (clinical consultations, radiological and pathological investigations) are available at most public and private hospitals in the province. However, diagnostic and cancer-related therapeutic facilities are available within the same institution only at the University Hospital (Maharaj Nakorn Chiang Mai Hospital). Cancer surgery services are provided at several locations; the university hospital, five government hospitals, two community hospitals and eight private hospitals. Cancer chemotherapy services are provided at the university hospital, two government and six private hospitals. Radiotherapy equipment is available at the university hospital. Most patients at primary and secondary care facilities suspected of having cancer are referred to Maharaj Nakorn Chiang Mai Hospital.



Registry structure and methods
The registry is located within The Maharaj Nakorn Chiang Mai Hospital, and is fully supported by the Faculty of Medicine of Chiang Mai University. The registry is staffed by 3 part-time physicians, 4 full-time registrar nurses, and 3 practical nurses, and is supervised by members of the Hospital Cancer Committee.

Data on patients diagnosed with cancer are collected actively from the university hospital (Maharaj Nakorn Chiang Mai Hospital, 1800 beds), 11 government hospitals (2200 beds), 17 community hospitals (620 beds), 13 private hospitals (1500 beds) and medical clinics, under the care of 900 physicians, with the total of about 6185 beds in Chiang Mai province.

The principal sources of information on cancer cases are hospital and pathology laboratory records.

Death certificates were taken from the Unit of Data Processing, 5th Region of Ministry of Interior. All death certificates that mention cancer as the cause of death are matched against the registered cases. Every cancer death not traceable to an existing entry is labelled as "death certificate only".

The registry staff visits all sources and registers of individual departments concerned with diagnosis and treatment of cancers, to identify and abstract information on cases of cancer into the tumour registration forms. Although cancer is not a notifiable disease, the hospitals in the registration area cooperate with the registry.

Interpreting the results
It is not possible to estimate how many cancer cases remain undiagnosed, but this probably occurs for subjects in rural areas. Maharaj Nakorn Chiang Mai Hospital is the only university hospital in the area and has a full range of diagnostic facilities, so that it is unlikely that cases referred will be missed. The diagnostic facilities are increased by image studies (CT scan and MRI) and especially by cytology (fine needle aspiration biopsy) and histology.

There is only one screening program for cancer of cervix, and there are sporadic health education campaigns about common cancers in the region. PSA testing is commonly used in the Maharaj Nakorn Chiang Mai Hospital.

Coding was changed from ICD-0-2 to ICD-0-3 as of the cases registered in 2000. Plans are underway to use the IT system of the hospitals in Chiang Mai to evaluate the completeness and accuracy of data.

Use of the data
The registry has reported annually on cancer occurrence since the first volume in 1978, when it was a hospital-based registry. Population-based registration was started in 1986 to report the incidence and mortality of cancer in Chiang Mai province since 1983.

The registry has also joined with the other registries in Thailand to report on national cancer incidence every 3–5 years.

The registry is involved in epidemiological research of common cancer in Chiang Mai.

Chiang Mai Cancer Registry data are used together with other Cancer Registries to inform the Ministry of Public Health.

Source of population
Census 2000, the 2000 Population and Housing Census, Chiang Mai province, National Statistical Office, Office of the Prime Minister.

Multiple primary rules used
IACR rules (1990).

Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

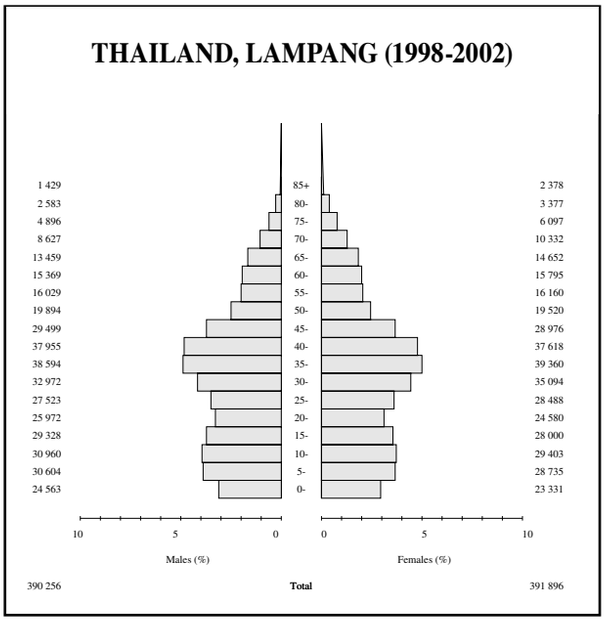
Thailand, Lampang

Registration data
Lampang is one of the 17 provinces located in the northern part in Thailand, between 17°-19°N and 98°-100°E, 269 m above sea level, 602 km by car from Bangkok (625 km by train) with a land area of 12 534 km^2. It has common boundary with Chiang Mai in the north and the west. This registry covers the population of 13 districts.

The total population in 2000 (housing census by National Statistical Office, office of the Prime Minister) was 782 152, with 390 256 males and 391 896 females at a population density of 62 people per km^2. About 30% of the population live in urban areas; 97% are Buddhists, the remainder mainly Christians.

The climate is generally cooler than the rest of the country in winter from November to February, and hot and dry during March to May in summer. The average total rainfall is 974.5 mm per year.

Most people are farmers, working in rice and tobacco. There are many porcelain production and very large open cast-mines (with national coal-fired electricity-generating plants close by).



Cancer care facilities
General health care in the region is provided in all 13 districts. In the urban area (Muang district), there is one cancer centre (Lampang Cancer Center), two private hospitals and one military hospital. Cancer diagnostic services including CT scan (clinical consultations and radiological/pathological investigations), cancer surgery services and chemotherapy are available in Lampang Cancer Center and Lampang provincial hospital. Radiation therapy equipment (one simulator, two cobalt-60 machines, one linear accelerator and two remotes after-loading for brachytherapy) is provided at Lampang Cancer Center. All hospitals in the province provide palliative care.

Patients suspected to have cancer in the primary and secondary health care centres in the registry area are mostly referred to Lampang Cancer Center and Lampang provincial hospital.

Registry structure and methods
The registry is located within Lampang Cancer Center, which also provides equipment, and is funded by cancer research foundation for National Cancer Institute. A part-time expert consultant, a part-time doctor, a part-time nurse and two full-time health workers staff the registry.

The Lampang registry was established in 1995 with the backup data of a population-based cancer registry in Lampang dating from 1983 which was collected by Dr.Nimit Martin, our expert consultant. The registration uses passive methods by notification from 21 sources of data consisting of cancer centres, general hospitals, community hospitals, private hospitals, university hospital, the provincial public health service of Lampang and pathological laboratories.

New cancer cases from all hospitals are collected from out- and inpatient departments, wards, radiotherapy units, surgery units and pathology services. Data collection consists of: registry number, name, residential address, date of birth, age, sex, date of diagnosis, site of cancer, histology of cancer, staging, extension of disease, method of diagnosis, treatment, date of last contact and status of cancer patients (alive or dead).

We carried out follow-up of registered cases by matching of cases with all death certificates. Death certificates mentioning cancer death without other information about the individual traceable from other sources are registered as Death Certificate Only (DCO).

We have used histologically verified percentage (%HV), Mortality Incidence ratio (MI Ratio) and percent of DCO (%DCO) for evaluation of our completeness since our first report on 2002.

Interpreting the results
Cancer cases are collected from all hospitals in Lampang. However, there were some patients referred to Chiang Mai University Hospital and the National Cancer Institute in Bangkok. We therefore collected these cases in our registry as well. We also have back up data since 1983. Due to these reasons, we believe that cases might not be missed or repeated. Data are entered using the IARC/IACR CanReg software.

A cervical cancer screening programme (Pap smear every 5 years) has been supported by Ministry of Public Health since 1999. The target population is women aged 35–64 years old. Pap smear is available in all hospitals in Lampang and easily accessible.

PSA testing is available only at provincial hospitals, university hospitals, cancer centres and some private hospitals, and is not routinely included in yearly checkup programmes, except in cancer centres.

Use of the data
The registry provides periodic reports on cancer incidence, mortality and survival in Lampang. The data are also sent to the National Cancer Institute to help compile the report *Cancer in Thailand*. The data are also used by the local health authority for the evaluation of public health measures in the prevention, screening and treatment of cancer.

Source of population
Census 2000, Lampang Provincial Statistical Office.

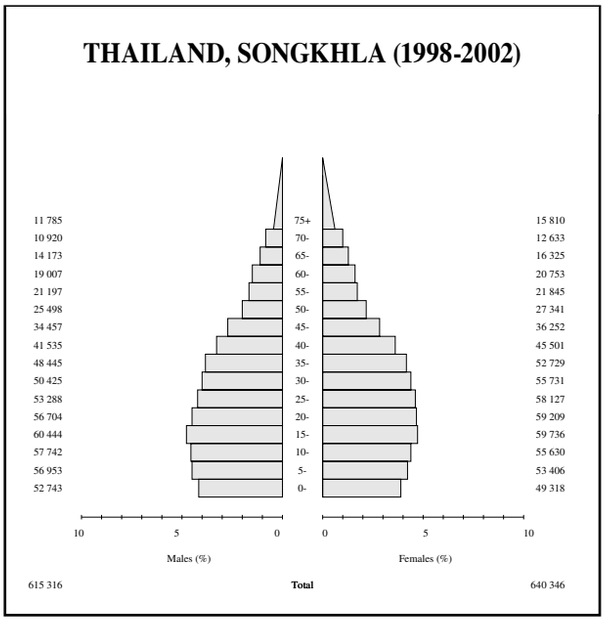
Multiple primary rules used
IACR rules (1990).

Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

Thailand, Songkhla

Registration area
The Songkhla Registry covers the population of 16 districts in the south of Thailand. The population at the 2000 census was 1 255 662. About 80% of the population is Buddhist, and nearly 20% are Moslems. Christians and others account for less than 1% of the population. People with Chinese ancestry live in Songkhla town and Hat Yai city, which is the economic centre of the south of Thailand.

Cancer care facilities
The government of Thailand predominantly provides general health care in the region. There are three hospitals with over 500 beds, 13 community hospitals and an extensive network of healthcare facilities at the household level. Private practitioners, a few private hospitals, and a few small special hospitals, all in the urban area, supplement this. The university hospital of Prince of Songkla University is the larger of the two places in the south of Thailand providing radiotherapy services. A few other large hospitals also have facilities for cancer surgery and chemotherapy. Patients suspected to have cancer in the health care system and community hospitals are referred to Songkhla, Hat Yai or Songklanagarind hospitals.



Registry structure and methods
The registry is located within the Faculty of Medicine, Prince of Songkla University. Three part-time medical doctors, a full-time nurse as a registrar and four full-time workers staff the registry.

The Songkhla registry undertakes active casefinding from 23 sources of data, consisting of Songklanagarind hospital, Hat Yai hospital, Songkhla hospital, community hospitals, private hospitals, special hospitals, provincial health office, and the population registration office of the province.

The completeness of death registration is acceptable but the cause of death is not so accurate, being mostly cardiopulmonary arrest and senility. After the national heath care reform started in 2000, the validity of the death certificates has been improving.

The registry staff also runs the hospital-based registry of the Songklanagarind hospital, and the data are shared with the registry of Songkhla. Hat Yai hospital has its own system of cancer case reporting but not a full-scale hospital-based cancer registry, and provides the cases residing in Songkhla to the registry. The registry staff visits Hat Yai, Songkhla, and private hospitals to consult medical records and pathology records.

Assigned staff in community hospitals send the record forms of cancer cases to the registry once a year. Registry staff regularly visit them to reviews procedures. Some cases are sent to the registry by the network of cancer registries in Thailand, especially the registry of Bangkok.

Interpreting the results
The number of undiagnosed and unregistered cancer cases is difficult to estimate. Some Moslems in a remote area in the south of Songkhla visit large hospitals in the two nearby provinces, and some residents, especially the elderly, use traditional herbal medicines and never enter the country's healthcare system. Because of the linkage between the referral system and the new national health assurance system, it is expected that only a small number of cancer patients in that remote area seek medical facilities outside the province. A few other cases look for special medical care in Bangkok, the capital of Thailand.

There were no screening programmes over the period in question, and PSA testing is not common.

A very recent study of ours demonstrates a relationship between radium-contaminated shallow well water and oral pharynx and oesophageal cancer.

Use of the data
The registry is preparing a fifteen-year report providing information on cancer incidence and trends in Songkhla. It provides data for causation studies, especially in the field of oral and esophageal cancer, which is the main burden in this area. Extent of disease and survival are reported in *Cancer in Thailand vol. IV.*

The Thai Network of Cancer Registries (TNCR) was recently founded. The Thai NCI and TNCR work together to supply policymakers, academic bodies and public organisations recent accurate cancer statistics, projections, and ideas for cancer control for Thailand. We plan to undertake this collaboration as a non-governmental academic body to have more power and a louder voice.

Source of population
Census 2000, National Statistical Office.

Multiple primary rules used
IACR rules (1990).

Turkey, Antalya

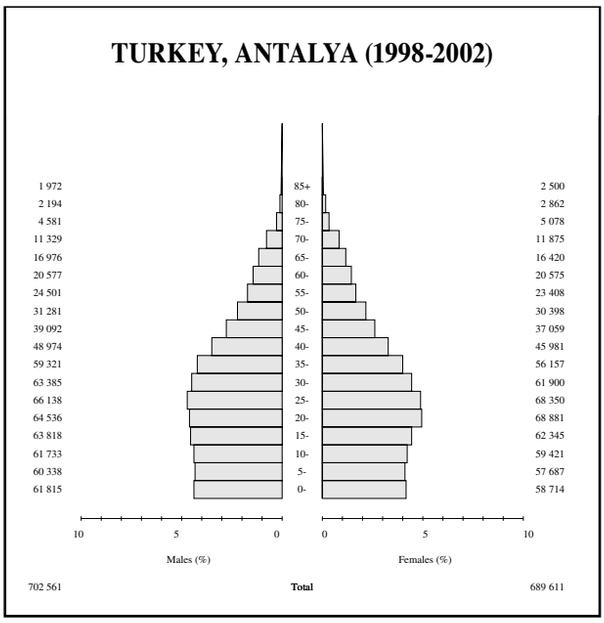
Registration area
Antalya is a city located in the southern part of Turkey's Mediterranean region. The province of Antalya is located between the 36°07"N latitude and 29°20"E longitude. The population of Antalya according to health statistics is 1 392 172 (2000); 74% of the population lives in urban areas. The region of the most of people is Islam. Antalya has had the fastest population growth in Turkey in recent years because of internal immigration. Regional income comes from trade, agriculture (especially commercial growing of hothouse flowers, vegetables, or fruits), tourism and construction.

Cancer care facilities
General health care is predominantly provided by primary health centres and government hospitals, but in the last few years the number of private health centres has increased. Patients suspected to have cancer in the primary and secondary care facilities in the registry area are mostly referred to Mediterranean University hospital and government hospitals in the centre of Antalya.

Registry structure and methods
The registry centre is staffed by a full-time public health specialist (MD), and full-time health workers. Additionally there are 17 cancer registry staff in the hospital; the six staff members who work in the government and university hospital in the centre of Antalya are full-time, other registry staff are part-time.

The Antalya Cancer Registry collects data on all new cases of cancer from all hospitals and some clinics that provide all diagnostic and treatment services for cancer in the province. In 1998–2002, Antalya registry used active case finding from 14 government hospitals, 2 university hospitals, 2 private radiotherapy clinics and 7 private pathology laboratories. The death registration system is incomplete, particularly in the rural areas, and the cause of death is often not mentioned or given as cardio-respiratory arrest. The registry staffs work government and university hospitals, where they scrutinise the records kept in medical records departments, and the registers of individual departments concerned with diagnosis of cancers, to identify and abstract information on cases of cancer, diagnosed by all methods. Additionally, private hospitals and other sources are visited monthly by registry personnel who take note of medical records of cancer patients.

Interpreting the results
It is not possible to estimate how many cancer cases remain undiagnosed, but underdiagnosis probably occurs for elderly subjects in rural areas. An opportunistic screening service for cervical cancer has been operated by the cancer society since 2006.



Use of the data
The registry prepares an annual report of cancer incidence, highlighting trends and changes. In 2006, the pathology laboratories of three hospitals in Antalya with access to county government hospital records were scrutinised and our data were examined for completeness and accuracy for 1998–2002. The statistical analysis of the information recorded is not yet complete.

Source of population
Annual registrations by primary health center of the Provincial Health Directorate of Antalya in 2000.

Multiple primary rules used
IACR rules (1990)

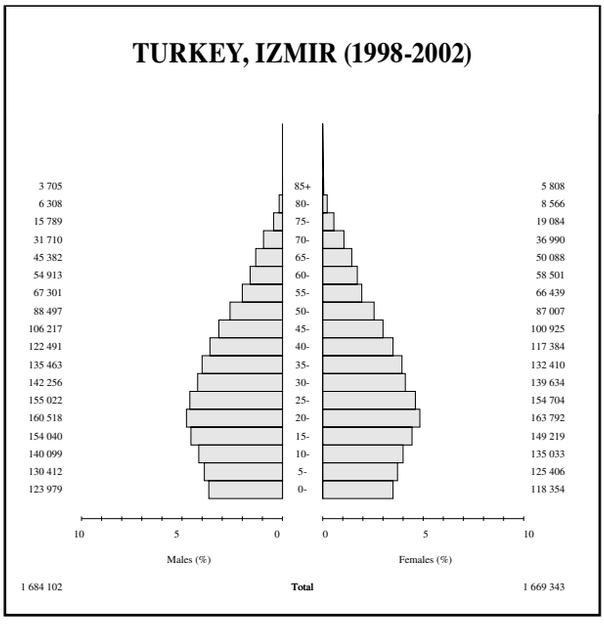
Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

Turkey, Izmir

Registration area
The Izmir Cancer Registry covers the population of the province of Izmir, which is divided into 28 administrative districts. İzmir province is in the extreme west of the country, on the Aegean Sea coast. The population is 3.37 million (mid 2000), making it the third-largest province in Turkey; 81% of the population lives in urban areas, with the remaining 19% in rural areas. Most of the people are Islamic. Izmir is one of the most developed and westernised parts of the country.

Cancer care facilities
The registry is a subdivision of the Provincial Health Directorate of Izmir and is mainly funded by the state. ICR is also financially supported by the MECC (Middle East Cancer Consortium).

General healthcare in the region is provided predominantly by the Turkish state health services department, through the two university hospitals, state hospitals and a network of primary health centres. This is supplemented by private physicians and private hospitals. While major hospitals provide radiotherapy and chemotherapy services, cancer diagnosis and cancer surgery procedures are available in most health facilities. Also, there are five private oncology centres that provide radiotherapy and chemotherapy facilities. With its developed health services, Izmir is a referral centre for patients from other provinces, especially the provinces of the Aegean Region. It is possible that some Izmir residents with cancer choose to be treated elsewhere, such as Istanbul or Europe. However, this is unlikely to be more than 1% of the cancer patients, bearing in mind the social composition of the population.



Registry structure and methods
The Izmir Cancer Registry (ICR) collects data on all new cases of cancer from all of the facilities in the province, including university hospitals, state hospitals, teaching hospitals, municipality hospitals, other governmental hospitals, private hospitals, private cancer centres (n=25) and pathology laboratories (n=23). Nine hospitals have hospital-based cancer registries, from which the ICR receives the data directly. The staffs of these hospital registries apply the same rules with ICR while collecting, abstracting and coding the data and are supervised by ICR. For all other sources, data collection is active at the time of visits by full-time, medically qualified registrars. Internal consistency checks are continuously done for all cases and for whole database, in addition to this, re-coding of selected cases (10% by random selection) for each series are performed systematically.

Similar to Turkey in general, mortality data in Izmir are incomplete, and notified only for urban areas, with a problem of accuracy in regard to underlying cause of death. Although ICR collects data of death certificates referred to cancer obtained from Provincial Health Directorate records, these certificates are poor in quality and lack information even for socio-demographic data and addresses. Matching these data with ICR database is quite difficult. Despite all these realities, ICR began in 2005 to routinely match the death certificates with the records of incident cases and process them.

Interpreting the results
It is not possible to estimate how many cancer cases remain undiagnosed, but underdiagnosis probably occurs for older adults in rural areas. While awareness of the public has been increasing in the last 5–10 years, cancer diagnosis at health facilities in the region has improved consistently. Opportunistic screenings for breast, prostate, cervical and colorectal cancers are quite widely performed. Systematic screening for breast cancer has been applied for a small population, which covers approximately 2000 women aged 50–69. ICR collects data from all of these screenings.

Use of the data
The registry has published the results occasionally in scientific meetings and journals and at the website: http://www.ism.gov.tr/kidem.

Some special studies such as survival of registered cancer cases and some case–control (colorectal cancer) studies have been carried out.

Source of population
Annual registrations by primary health center of the Provincial Health Directorate of Izmir.

Multiple primary rules used
IACR rules (1990).

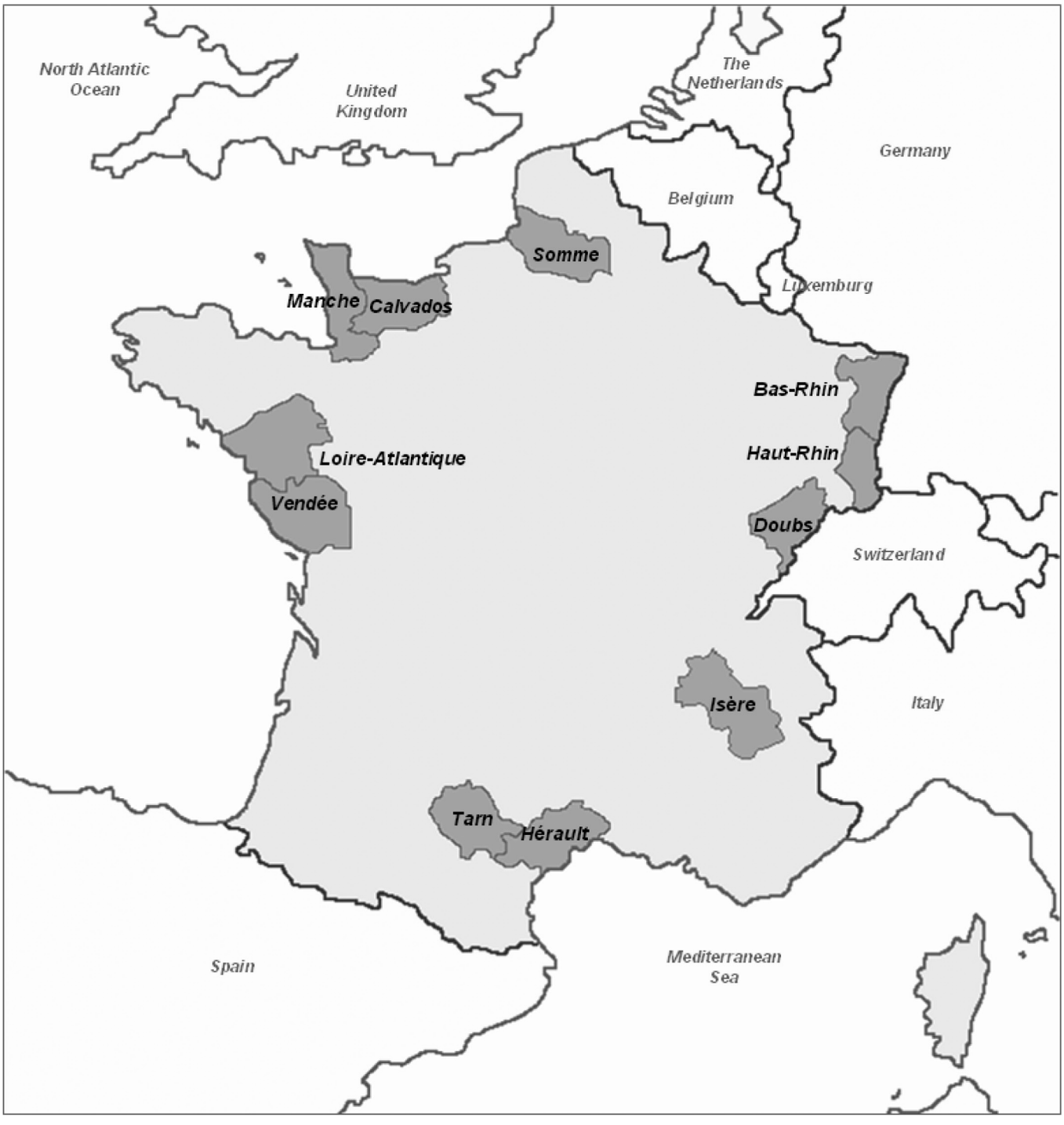
Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

Europe

Iceland
North Atlantic Ocean
Sweden
Finland
Russia
Norway
St. Petersburg
Estonia
Denmark
Latvia
Ireland
Lithuania
United Kingdom
The Netherlands
Belarus
Germany
Poland
Belgium
Luxemburg
Czech Republic
Ukraine
France
Slovakia
Switzerland
Austria
Hungary
Moldova
Slovenia
Romania
Italy
Croatia
Bosnia
Portugal
Black Sea
Spain
Serbia
Bulgaria
F.Y.R.O.M.
Albania
Turkey
Mediterranean Sea
Greece
Tunisia
Mbrocco
Algeria
Malta

Central and Western Europe

France

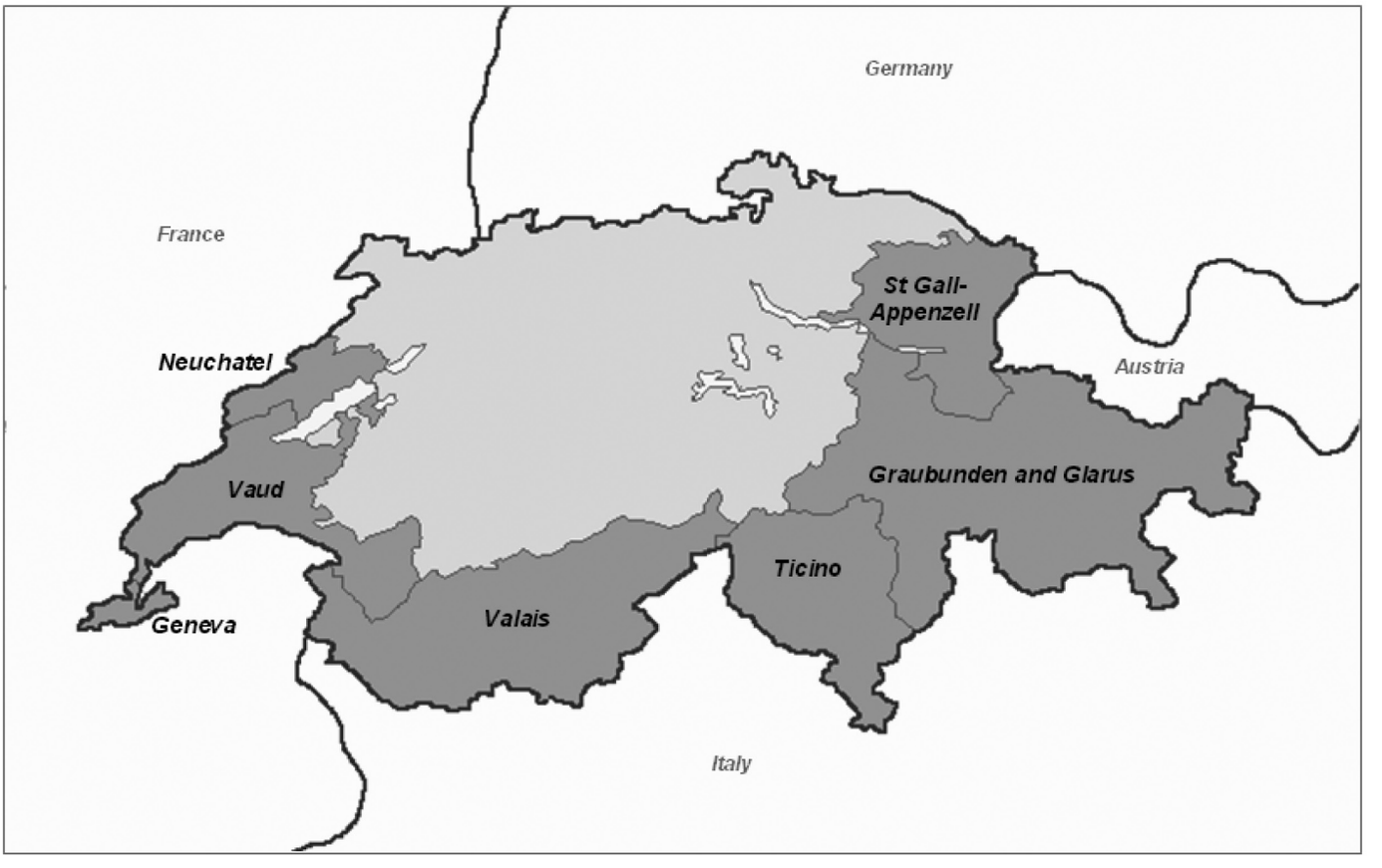

North Atlantic Ocean
United Kingdom
The Netherlands
Germany
Belgium
Luxemburg
Somme
Manche
Calvados
Bas-Rhin
Haut-Rhin
Loire-Atlantique
Vendée
Doubs
Switzerland
Isère
Italy
Tarn
Hérault
Spain
Mediterranean Sea

Italy

Germany
Austria
Hungary
North East Cancer Surveillance Network
Switzerland
Slovenia
France
Sondrio
Brescia Province
Veneto Region
Croatia
Biella Province
Milan
Torino
Reggio Emilia
Ferrara Province
Parma
Bosnia
Genoa Province
Modena Province
Romagna Region
Florence
Macerata Province
Umbria Region
Naples
Sassari Province
Salerno Province
Mediterranean Sea
Syracuse Province
Ragusa Province
Algeria
Tunisia

Portugal and Spain

Switzerland



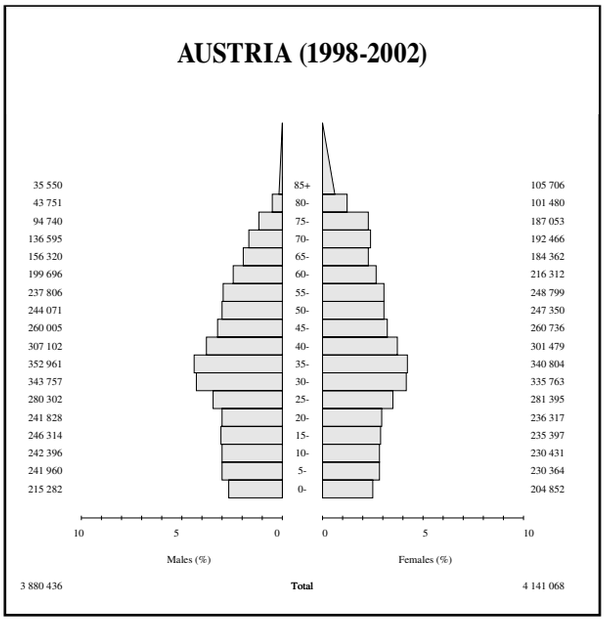
United Kingdom and Ireland

Austria

Registration area
The Austrian National Cancer Registry covers the whole population of Austria, approximately 8.3 million (2007) inhabitants. About 90% of the Austrian population are Austrian citizens; other nationalities and/or ethnic groups include Turks, Serbs, Germans and Croatians. Approximately 15% of the population are foreign-born. More than 80% of the population are Catholic, and about 5% are Protestant. Another 5% are part of Islamic, Israelite and other Non-Catholic denominations.

Austria is divided into 9 provinces. The population is distributed as follows. Most of them reside in the provinces of Vienna (19.5%) and Lower Austria (19.2%), followed by Upper Austria (17.1%), Styria (14.7%), and Tyrol (8.4%). The lowest population can be found in Salzburg (6.4%), Carinthia (6.9%), Vorarlberg (4.4%) and Burgenland (3.4%).

The Austrian territory covers 83 871 km² of which 2/5 is permanently habitable. The country is characterised by a diversified geographical situation.



Cancer care facilities
A nationwide social security system covers 98% of the Austrian population. For inpatient treatment about 275 hospitals are available. More than two thirds of Austrian hospital beds are maintained by 133 public hospitals. Four of these hospitals are university hospitals, located in Vienna, Graz, Salzburg and Innsbruck. More than thirty hospitals run departments specialising in cancer treatment; many include a radiotherapy department.

Registry structure and methods
The Austrian National Cancer Registry is located in Vienna and is operated by Statistics Austria, the former "Österreichisches Statistisches Zentralamt". According to the Federal Statistics Act 2000 (Bundesstatistikgesetz 2000) the Austrian government appointed Statistics Austria as the national provider of various statistics. The government finances all statistics prescribed by this law (including cancer statistics). Altogether 13 people are directly involved in the cancer registry workflow. Some of them work part-time or are involved in other projects as well, which results in 9.4 FTE.

Preparatory work for the cancer statistics was done by the Austrian Cancer Society, which led to a legal basis for cancer registration in 1957 (Krankenanstaltengesetz). Since 1969 a more detailed law (Krebsstatistikgesetz) obliges hospitals to report every cancer case to Statistics Austria. Population-based data collection started only one year later. Hospitals fill in a form providing personal data, topography, histology and behaviour of the tumour as well as the incidence date. The stage of the tumour at diagnosis and the first treatment are also reported. Files are increasingly now transmitted electronically (via disk or secure FTP).

Four Austrian provinces run their own regional cancer registries. Information on every cancer case is collected in close cooperation with the main hospital of the respective area and is electronically processed. The information is forwarded to Statistics Austria on a regular basis.

All invasive and in-situ tumours are registered, and topography, morphology and behaviour are coded to ICD-O-3. The coding is done centrally in Vienna apart from the codes assigned by the Tyrolean Cancer Registry are accepted separately.

All incoming data are stored in a database that performs data checks at the point of data entry. These data checks are based on the IARC CHECK program, broadened at the national level. IARC/IACR rules for classifying multiple primaries are implemented as well. Multiple notifications for the same person are identified using the full name, date of birth, sex and address as well as social security number. For the quality control and assessment of completeness, electronic data of pathology laboratories and of various study groups are used.

The causes of death statistics are available electronically and are used for passive follow up and generating DCN cases. All death certificates mentioning cancer are available for the registry as paper forms as well, and are traced back when the patient died in a hospital.

Interpreting the results
For the whole of Austria opportunistic screening is carried out for cervix, breast and prostate. For some regions organised screening is carried out for prostate and large bowel. A regional comparability study of the data is currently underway.

Use of the data
The registry publishes data annually since 1970 in the yearbook on health statistics. Tables printed in this annual report show incidence rates broken down by primary site, stage, sex, age and region. In 2005 a publication contrasting incidence and mortality data was released. In 2006 the scope was further enlarged when it was published on the Internet. A special analysis of survival for colorectal cancer was published in 2006 as well.

Highly aggregated data are available for all interests. Medical Universities, the Gesundheit Österreich GmbH (GÖG), and cancer study groups are provided with data, which are at a lower aggregation level but still anonymous.

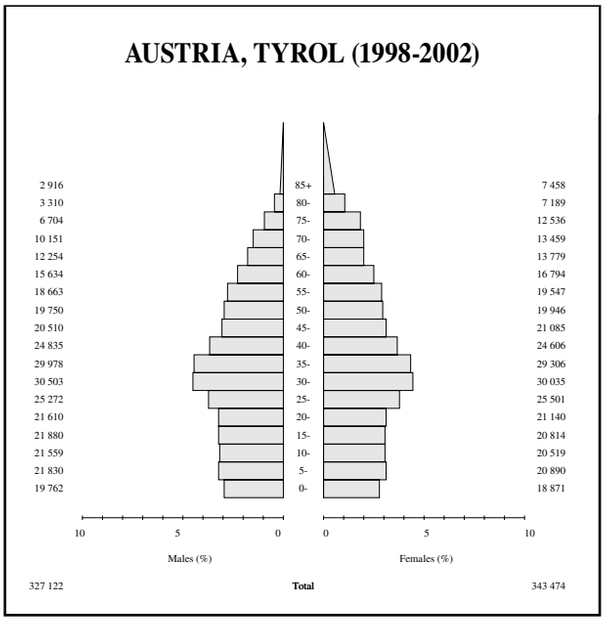
Source of population
The data are estimated by Statistics Austria, based on census data 2001 and data provided by the Central Population Registry.

Multiple primary rules used
IACR rules (2004) on historical data.

Austria, Tyrol

Registration area
Tyrol is one of nine provinces in Austria, and is situated in the west. The area covers 12 648 km^2; only some 12.5% is habitable. The average altitude of the habitable regions is about 740m. Nearly 20% of the population lives in one town with more than 100 000 inhabitants (the capital Innsbruck), the rest in smaller towns (less than 15 000) and in some 260 villages. Nine percent of the people are from foreign countries, mainly from the former Yugoslavia and Turkey. About 90% are Roman Catholics. The main occupational groups are personal services (32%), commerce and traffic (22%), industry and trade (22%) and tourism (10%), with some 6% unemployed.

Cancer care facilities
Medical facilities are provided by Innsbruck Medical University (offering both basic facilities for Innsbruck and special facilities for the whole province), nine local hospitals in the rural districts and two semi-private hospitals in Innsbruck. All diagnostic and therapeutic services for oncological patients are provided in the country. Most pathology diagnoses are done by one main institute in Innsbruck and five smaller pathology laboratories. Radiotherapy is offered by one Department of Radiotherapy at Innsbruck Medical University and by a radiotherapy unit within the Department of Gynaecology of Innsbruck Medical University. Chemotherapy is provided by all hospitals. For some cancer sites (leukaemias and lymphomas, head and neck cancer, ovarian cancers, and advanced melanomas) most patients are treated at Innsbruck Medical University. Treatment outside the country is rather rare. Tumour boards have been installed in the last years, but until now did not cover all cancer patients.



Registry structure and methods
The Cancer Registry of Tyrol commenced operations at the end of 1986, and has been population-based since 1988. Since 1969 there has been a law obliging hospitals to report every cancer case to the Austrian Federal Bureau of Statistics. In addition, local registries are responsible for cancer registration in some provinces.

The Cancer Registry of Tyrol is a department within and funded by the TILAK, an organisation managing the university hospital of Innsbruck and some smaller hospitals in the Tyrol. The registry is staffed by a part-time epidemiologist, a full time registrar and one part-time registrar, and data entry clerks as needed.

All hospitals are obliged to report cancer cases. Most departments fill in a form consisting of personal data, incidence date, most valid basis of diagnosis, topography, histology, behaviour, staging and summary of first treatment. All pathology diagnoses concerning cancer and all death certificates are sent to the registry.

Multiple cancers are recorded separately at the request of the physicians, but the IARC rules are used for reporting.

Follow up information is based on probabilistic record linkage between the incidence data and all-cause mortality data for the province of Tyrol. Coding is done by one trained person in cooperation with a pathologist.

Programs for checking personal data were developed within the registry. Lists generated are checked manually, and if there are queries the local communities are contacted. The cancer data are checked using IARC Tools. For formal evaluation of completeness, since 2003 we have applied the Bullard method using a program developed by the Thames Cancer Registry. Besides extensive plausibility checks, no formal evaluation of accuracy has been done to date.

Interpreting the results
The population in the province is stable, and there have not been changes in the structure of the medical services. The organisation of the registry has not changed in the last ten years. PSA tests were introduced in 1988/89 and since 1993 have been offered to all men aged 45–74 free of charge; more than 3/4 of all men in this age group had at least one PSA test in the last decade. There is also a spontaneous mammography programme which has had some influence on breast cancer rates. In addition, Pap smear tests and haemoccult tests are offered free of charge, and dermatologists organise early detection activities for melanomas every spring. We have no knowledge of unusual environmental or occupational exposures in Tyrol that could influence cancer incidence figures on the population level besides high radon exposure in a small village with a population of 2800.

Use of the data
Annual reports have been produced since 1988. Besides usual figures, the report also includes staging information, regional distribution and relative survival rates. Reports are distributed to key decision makers and are accessible online from our website. The data are widely used by physicians (especially from Innsbruck Medical University). Quality improvement programmes at the department level make use of survival rates. Survival data have been published within the EUROCARE study group.

Besides routine reports, the registry has been involved in a study of radon exposure and lung cancer. Main scientific work is concentrating on analysing time trends, mainly for prostate cancer and breast cancer.

Source of population
Official population data collected by Statistics Austria. In 2001, the population data were extracted from the census file; in the other years the population figures have been estimated in usual way.

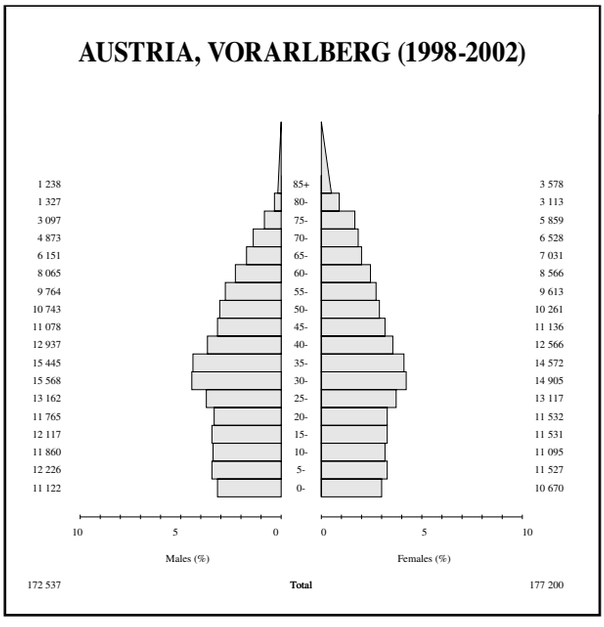
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Austria, Vorarlberg

Registration area

Vorarlberg is the westernmost of the nine federal states of Austria. It borders Switzerland, Germany, Liechtenstein and the Austrian federal state of Tyrol (19% of the border). Lake Constance comprises 8% of the border between Austria and Germany and Austria and Switzerland. Vorarlberg covers 2601 km², of which only 21% are habitable. 90% of the area is mountainous. Vorarlberg lies between 9° and 10°E and 46° and 47°N.

The total population of 351 570 (177 971 females, 173 599 males per census 2001) lives in 96 communities, five of which are cities; 51% live in communities with more than 10 000 inhabitants, 43% in communities with 1000 to 10 000 inhabitants and the others in smaller communities. The Rheintal (Rhine River valley) and Walgau are home to 81% of the population. The population density in the Rheintal (permanently settled area) is 1125/km², whereas the population density for the whole federal state (permanently settled area) is 620/km². Life expectancy at birth is 75.8 for males and 82.6 for females (2001). Inhabitants from foreign countries make up 14.5% of the population: 5.2% from Turkey, 4.6% former Yugoslavia, 2.8% from Germany, and 0.4% from Switzerland. 87.2% are Roman Catholics, 2.8% Protestants, 4.7% Muslims, 3.3% other denominations. The main occupational groups are: services (55.4%) and industry and trade (42.7%). The 2001 unemployment rate was 4.3%. See http://www.vorarlberg.at for further information.



Cancer care facilities

5 public hospitals and 2 private hospitals cover most medical needs. In special cases patients are sent to hospitals in other areas, mostly the university hospital in Innsbruck, Tyrol. Cancer treatment is provided by every hospital. There is only one Radio-Oncology department in the province, in Feldkirch. Hohenems hospital has recently opened a palliative care department.

Registry structure and methods

The Cancer Registry of Vorarlberg was founded in 1978 by the Pathology Department at Feldkirch hospital. Electronic data processing was introduced in 1981.

In 1968 a cancer registration law was passed in Austria, obliging hospitals to report every cancer case to the Federal Bureau of Statistics. In addition to this federal registry, local cancer registries exist in some federal states. In Vorarlberg the cancer registry is part of the "Arbeitskreis für Vorsorge und Sozialmedizin (aks)", a non-profit organisation founded in 1964, working on behalf of the local government in the field of health promotion, preventive medicine and social medicine. Per Vorarlberg government decree, hospitals are required to send their records to the local cancer registry, from where they are forwarded to the Federal Bureau of Statistics. The main source of the data is the Institute of Pathology (histological, cytological and necropsy diagnoses). The data are transferred to the cancer registry and compared to data already registered. From there a registration sheet (including the pathology diagnosis) is sent to the hospital for further information. In cases with no pathology diagnosis the hospitals report the cases directly. The radiooncology department, which tracks each patient, also sends data to the registry. In general, multiple notifications are received for one cancer phase. Persons are identified by name, date of birth, sex, address and (since 1995) social security number. A sophisticated program developed by the Cancer Registry of Tyrol establishes links between various records. Multiple cancers for a person are recorded separately. Follow-up is confined to date of death.

Topography and histology are classified according to ICD-O-DA (German edition). Coding is done by a trained person in cooperation with a pathologist and medical doctor. The first quality inspection is performed by the medical manager before data is entered. In addition, IARC check programs and plausibility checks established by the Cancer Registry are applied periodically.

The only pathology institute in our region provides the first information on cancer at primary histological diagnosis and on autopsy reports. Clinicians from the clinical departments supplement the remaining data. Aks staff merge the data into the cancer registry. Completeness is examined by comparison with all hospitals' discharge diagnoses. We organise team sessions on a regular basis with participation from responsible persons from the aks.

Interpreting the results

The population in the province is stable and there have been no changes in the medical services structure or in availability of diagnostic or treatment services. Case definitions and coding did not change in 1998–2002. Well-organised preventive care and early detection programs have been available in Vorarlberg for many years. In 1998–2000, 37% of women and 32% of men took part in health checks (including hemocult tests) and 45% in gynaecological exams (including Pap smear). Mammography screening has been active since 1989.

Use of the data

Annual reports are made to the government health department. The data are used for evaluating local cancer

screening programs, such as early breast cancer detection, cervical cytology and colon adenoma. In Vorarlberg, health checks (*Gesundenuntersuchungen*) are very common, so the cancer registry also documents dysplasia and adenoma of the colon as cancer risks. Incidence data for the Cancer Registry of Vorarlberg between diagnosis years 1996–2000 have appeared in a publication entitled *Cancer Mapping in Alpine Regions 1996-2000: Trentino, South Tyrol, Carinthia, Tyrol, Vorarlberg*. Data are linked and used for publications and scientific reports known as the Vorarlberg Health Monitoring and Promotion Programm (VHM&PP). For further information see: http://www.aks.or.at and search "Health Monitoring & Promotion".

Source of population
The data are estimated by the Institute of Statistics in the Government of Vorarlberg, based on census data from 2001.

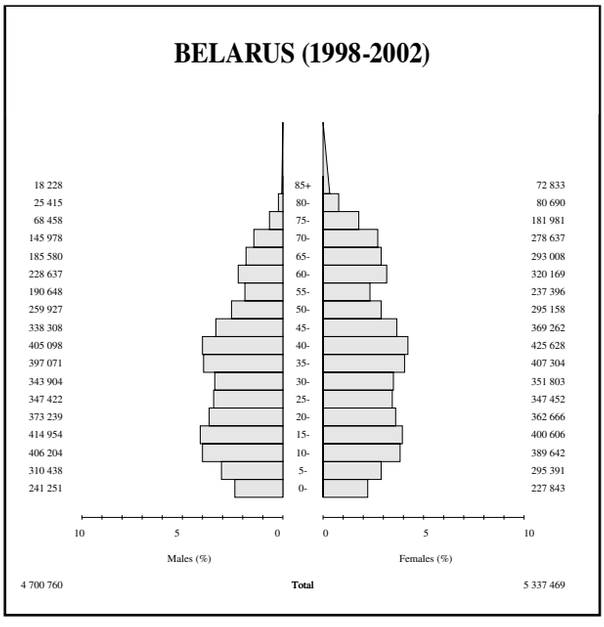
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Belarus

Registration area
The Belarussian Cancer Registry covers the population of Belarus, which occupies 207 600 km^2. The population in 1999 was 10 179 121 (males 46.6%, females 53.4%, urban 70.3%).

Cancer care facilities
The main treatment facilities are the 12 oncological dispensaries, which combine outpatient and inpatient clinics, and an Institute for Oncology and Medical Radiology.

Registry structure and methods
Cancer registration is mandatory and has been carried out according to the directive of the Ministry of Public Health of the USSR since 1953. However, until the beginning of the 1970s, it was performed on the basis of obligatory official statistical reports, and there was no computer database with individual information on cancer cases.



The Belarussian Cancer Registry includes complete individual information on cancer cases since 1978, but for the period 1978–1985 there are no personal identifiers such as name and address. In 1985–1988 a computer system was gradually set up in the oncological dispensaries, which allowed long-term continuous data collection for each patient and easier follow-up. Since 1991 this system has functioned on personal computers in all the Belarussian oncological dispensaries and the Institute for Oncology and Medical Radiology. Since 1999 new computer system was introduced based on ICD-10 and ICD-O-2 morphological classification.

The Belarussian cancer registry has been located in the Belarussian Centre for Medical Technologies, Computer Systems, Administration, and Economics of Public Health in Minsk since 1992.

In Belarus, the majority (about 80–85%) of cancer patients are diagnosed and treated in the oncological dispensaries and the Institute for Oncology and Medical Radiology, which is responsible for the registration of cancer cases for Minsk oblast (region). This makes data collection significantly easier. The 12 oncological dispensaries and the Institute for Oncology and Medical Radiology are responsible for registration of all cancer patients permanently residing in their service area, and regional sub-registries of the Belarussian Cancer Registry are maintained in the oncological dispensaries and the Institute for Oncology and Medical Radiology.

Most information is entered onto computers directly from patients' medical records (outpatient medical card and history of disease) stored in the dispensaries and the Institute for Oncology and Medical Radiology. Extracts of medical documents and special notification forms are also obtained from the Institute for Oncology and Medical Radiology, the Children's Oncological and Haematological Centre, Centre for Thyroid Tumours Pathology, Institute for Neurology, haematological hospitals, hospitals with cancer beds, and out-patient clinics, where cancer is diagnosed and treated. Pathologists must also complete and send a notification if they incidentally diagnose cancer as a result of an autopsy.

Death certificates are checked monthly by the personnel of the oncological dispensaries and the Institute for Oncology and Medical Radiology in regional state statistics departments for any mention of cancer. Information found is checked against the database in the dispensary. For each cancer case not found in the database additional information is requested from the institution, which issued the certificate.

In-situ cancers are registered but are not included in the cancer statistics.

Primary multiple tumours are registered as separate cancer cases if they appear (simultaneously or at a later time) in different organs or different parts of the same organ (including skin); each tumour is entered into the database separately according to the 4-digit ICD-9 code. The records have the same unique key and may be analysed together if desired.

Interpreting the results
In 1986 the Chernobyl accident resulted in radiation exposure to about 20% of the Belarussian population. After 1991, a high increase in the number of thyroid cancers in children, related to I^{131} irradiation of the thyroid gland, was observed.

Use of the data
The Belarussian Cancer Registry submits official statistical reports to the Ministry of Health annually, including data on cancer incidence, mortality and treatment in Belarus, as well as the statistical collection *Malignant Neoplasms in Belarus for a Decade*, highlighting trends and changes.

Source of population
Annual populations are estimates, calculated by the State Statistical Department on the basis of the 1999 census, making allowance for births and deaths, and migration into and out of the registration area. Migration data are annually provided by the Ministry of Internal Affairs to the State Statistical Department.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

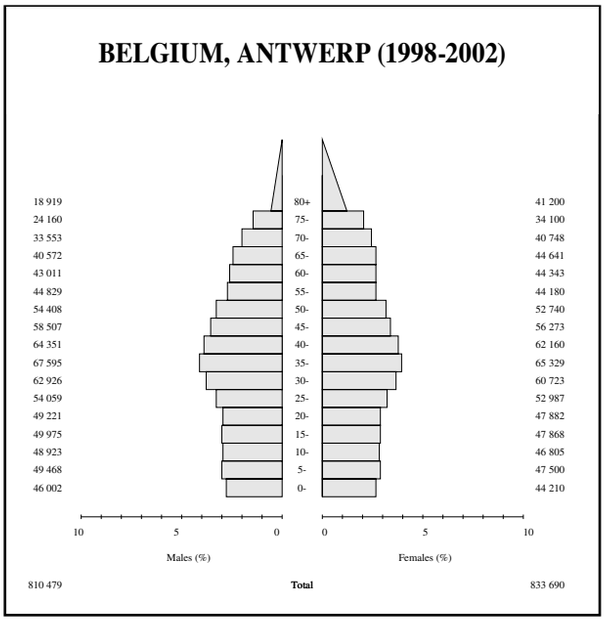
Belgium, Antwerp

Registration area
The Antwerp Cancer Registry covers the province of Antwerp in the north-west of Belgium. Almost half of its population of 1.6 million inhabitants is concentrated in and around the city of Antwerp. The western half of the province has a high urbanisation grade, whereas the eastern half of the province is mainly rural.

Cancer care facilities
The province of Antwerp has 36 hospitals, of which 6 have an oncology centre. Five hospitals in the registration area have radiotherapy departments

Registry structure and methods
The ACR is located at the Department of Epidemiology and Community Medicine of the University of Antwerp and is funded by the Flemish government.

The staff of the registry consists of a head medical officer, an epidemiologist and 7 registration workers. The registration process is based upon the Dutch cancer registry, characterised by active case finding, data collection and coding by the registration workers in all hospitals and the major private pathology laboratories of the province. There is no access to death certificates; therefore these are not used for case finding.



Interpreting the results
Coverage of the entire province was not complete until the incidence year 2000, when all hospitals in the registration area participated in registration; under-registration in 1998 and 1999 may be estimated around 5%. Some organised screening programmes exist for cervical, breast and prostate cancer; however, these data are not being used directly for case finding.

Use of the data
The ACR reports crude, age-specific and age-adjusted (ESR) incidences annually; moreover, each participating hospital obtains an annual report on all of its own diagnosed and/or treated cancer patients. Registration data are provided for research purposes to internal as well as external institutions.

Our data are used directly by local health authorities, for evaluation of screening programs and indirectly: hospitals report to the federal health department using cancer registration data.

Source of population
Official data from population register, provided by the administration.

Multiple primary rules used
IACR rules (1990).

Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

Belgium, Flanders

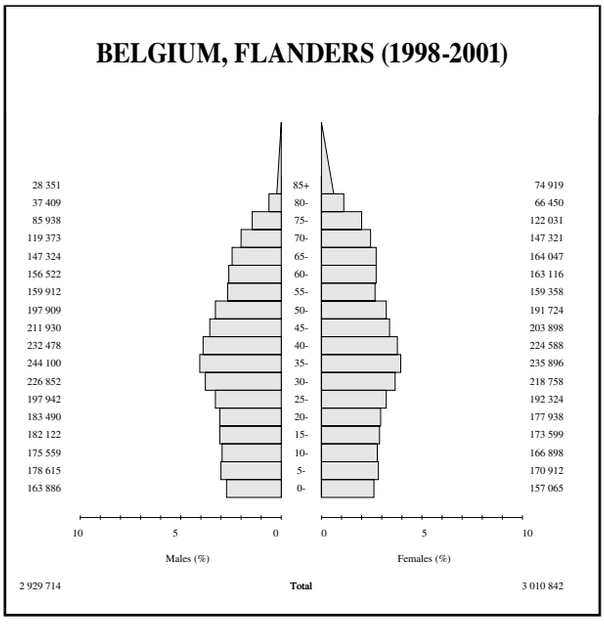
Registration area
Flanders is situated in the north of Belgium and comprises 5 provinces. The estimated mid-year population for 2000 was 5 946 402, of whom approximately 5% are foreigners. The mean population density is 439 inhabitants per km².

In 2000 people over age 60 made up 22.2% of the total population, with 11.7% older than 70 years of age. The life expectancy at birth was 76.0 years for men and 81.9 years for women.

Cancer care facilities
In 2000 there were 3.1 physicians per 1000 inhabitants and 5.1 general hospital beds per 1000 inhabitants. The medical care institutions are easily accessible and medical care is provided by 116 general hospitals.

There are no specific cancer hospitals or regional cancer centres. Oncological care and radiotherapy are provided within general and university hospitals. For the whole country in 2000, 163 radiotherapists and almost 287 pathologists were registered at the Ministry of Health and Social Affairs. In 2000 there were 25 radiotherapy services in Belgium, of which 14 were located in the Region of Flanders.

More than 99% of the population living in Flanders are affiliated with one of the National Health Services for mandatory medical insurance. All of these National Health Services are grouped in a National Health Insurance System.



Although there were no regional or national organised screening programs for cervical nor breast cancer until June 2001, many women did have a Pap smear and mammography taken regularly at that time. In June 2001 a national breast cancer screening program was launched for women aged 50–69 years. There are also local initiatives for screening of cervical cancer and malignant melanoma. Opportunistic PSA testing has been used increasingly.

Registry structure and methods
The Belgian Cancer Registry is subsidised by the National Ministry of Public Health and by the Ministries of Public Health of both communities (French and Flemish). Since 1983 the National Health Services have been collecting data on newly diagnosed malignant tumours among their contributing members and families. In Flanders, from 1996 onwards, different cancer registration systems, essentially the provincial cancer registry in Antwerp (AKR), the provincial pathology cancer registry in Limburg (LIKAR), the bronchus carcinoma registry for Flanders (VRGT), some hospital cancer registries and almost all pathology laboratories, have been integrated in a cancer registration network. In 2003 the Flemish staff of the cancer registry consisted of 2 data managers, a part-time pathologist and a physician coordinator.

Both active and passive data collection methods are used in this network, but all data are provided electronically to the Belgian Cancer Registry in a predefined structure. Due to privacy regulations only encrypted data are allowed to be transmitted. The personal identifiers are encrypted by the same procedure at the hospitals, the National Health Services and the pathology laboratories.

All invasive and *in situ* tumours are registered. Topography, morphology, behaviour and differentiation are coded to ICD-O-2. In Flanders the majority of the pathologists work with CODAP codes which are translated automatically to ICD-O-2 by means of a computer program. For staging of tumours the TNM classification is used. The IARC rules for classifying multiple primaries were adapted slightly.

All incoming data are checked at the Belgian Cancer Registry with a control programme based on the rules of the IARC-check program and supplemented with other controls developed at the registry. Multiple notifications for the same tumour are linked according to the encrypted personal identifier at the Cancer Registry and summarised by automated decision rules. A significant number of cases are resolved manually.

Death certificates are also transmitted to the cancer registry, but they are anonymous and do not permit any trace-back procedure. They can only be used as an additional check for date of death and the cause of death. The independent data set method was used in 2005 to evaluate the completeness of the cancer registry (year of incidence 2000–2001). The completeness was estimated to be 98.2%.

Use of the data
Annual incidence data by sex, age, site and geographical units are routinely produced. Detailed data for the major cancer sites are analysed in separate chapters that are published and distributed. Survival data were published for the first time in March 2006. Data are also displayed on the website of The Belgian Cancer Registry and www.tegenkanker.be/kankerregistratie. Numerous requests for data are provided to research workers, clinicians, health care planners, paramedics and the general public.

Source of population
1997–2001: Mid-year population estimate. Source: FOD Economie – Algemene Directie Statistiek en Economische Informatie.

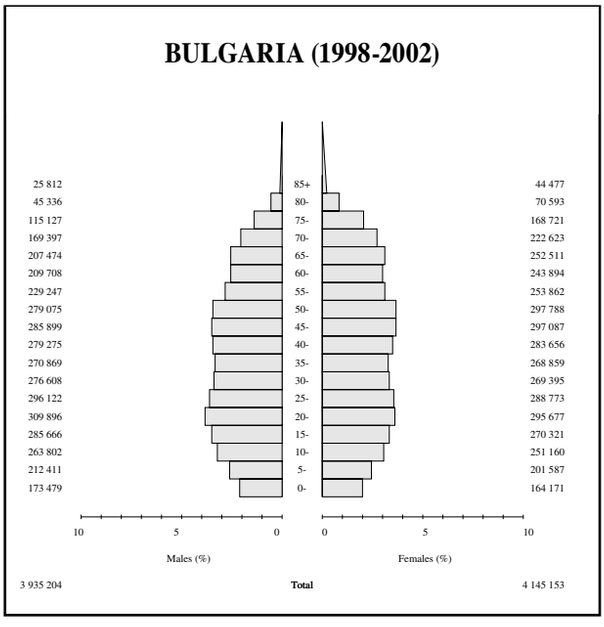
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Bulgaria

Registration area
The Bulgarian National Cancer Registry (BNCR) covers the whole population of Bulgaria. The population at the most recent census (1 March 2001) was 7 932 984. About 70% of the population (<6 000 000) lives in urban areas. The predominant religion is Eastern Orthodox Christians (85%); 13% are Moslems and nearly 1% Catholics.

Cancer care facilities
Until 1989, medical care in Bulgaria was free. Private medical practice has been permitted since 1991. National Health Insurance was introduced in 2000. Health care is mostly public, including regional hospitals, university clinics, specialised hospitals and primary health establishments, supplemented by private practitioners and hospitals.

A specialised cancer network was founded in Bulgaria in 1952. It includes 13 Regional Oncological Centers (dispensaries), covering populations between 370 000 and 1.2 million inhabitants. Another part, National Oncological Hospital (NOH) is located in Sofia. The specialised cancer system provides prevention, diagnostic, treatment (radiotherapy, surgery, chemotherapy) and follow-up services for cancer patients. In 2000 a total of 27 526 physicians were engaged in healthcare activities, 471 of whom were physicians in oncological centres. Natioanlly there were 60 552 hospital beds, of which 2005 were in oncological centres.



Registry structure and methods
The Bulgarian National Cancer Registry, funded by the Ministry of Health, is part of the National Oncological Hospital. One physician, one statistician, one specialist in computing and six full-time clerks staff it. In each of the 13 dispensaries, there is a Regional Cancer Registry, usually staffed by one full-time physician and 2-3 clerks.

The BNCR uses active and passive methods of data collection. Compulsory registration of malignant diseases in Bulgaria was introduced in 1952. Every physician is required to send a "rapid notification" to the Regional Oncological Centre for each newly diagnosed or suspected cancer case, death from a malignant neoplasm, and since 1975 for cancer *in situ* as well. The rapid notification system was updated in 1992. From 1993 cancer patients have been followed up by type of treatment and date of death as well. In 2000 new items and codes were introduced according to European Network of Cancer Registries recommendations.

Other sources of information on cancer patients are medical records from oncological centres and other specialized hospitals, university clinics, primary health establishments (outpatient and inpatient), pathology and haematology laboratories, death certificates, Central Population Register, hospices, etc. Dispensary clerks frequently visit all hospitals with wards diagnosing or treating cancer patients, pathological laboratories, etc. to add to the rapid notification data.

In January 2006 the ICD-10 was introduced in Bulgaria; all cancer cases since 1993 have been recoded. To improve the registration system a check of the Central Population Register was made for all cases who died after 1998.

For registration of malignant neoplasms a new software product has been developed. In each regional register trained clerks, under the supervision of physicians, code the data. Processing includes verification of completeness, checking for duplicates by name, identification number (PIN), address and diagnosis, consistency and compliance between clinical and morphological diagnosis, computerised checking and correction of coding and typing errors. Histology is coded according to ICD-0-2. Benign lesions and those of uncertain behaviour are not registered. The BNCR uses IARC Tools Version 2.03 (2006) and DEPedits Version 1.00 (2006). Legislation for data confidentiality is not yet available in Bulgaria; thus each patient is assigned a unique ID number.

In the registry we currently compare (for completeness and accuracy) and evaluate the data between: incidence and mortality data; incidence data between 28 districts in Bulgaria and over time; incidence data between Balkan countries, etc. Every three months we receive information for all deaths from the Central Population Register in Bulgaria. This comparison is published in *Lung Cancer: Current Status and Perspectives, September 2005*; *Balkan Union of Oncology, Proceedings/ Educational Book, 5th Congress*, etc.

Interpreting the results
Despite active and passive methods of cancer registration there is possible nonregistration of cancer cases mainly among elderly people and among inhabitants of the rural areas. There are some omissions in coding cause of death (metastasis instead of primary site) as well, leading to a discrepancy between incidence and mortality data, especially in liver cancer, esophageal cancer, etc.

Bulgaria now has opportunistic screening for breast cancer and cervix uteri cancer funds from the National Health Insurance Fund. A Strategy for Prophylactic Oncological Screening in Bulgaria was created for 2001–2006. It includes breast cancer, cervical cancer and prostate cancer. The Strategy was accepted by the Council of Ministers on 23rd of April 2001 but it was not undertaken for various reasons (faults in program organisation, screening tests, interpretation of the results, etc.). PSA testing is not common.

Use of the data
The BNCR annually publishes cancer incidence data in Bulgaria. The data available in the BNCR are used for

epidemiological studies, reports, communications and the like. Bulgarian policymakers use cancer registry data for planning or evaluation of health services.

Source of population
Official estimate. Source: The National Statistical Institute (http://www.nsi.bg).

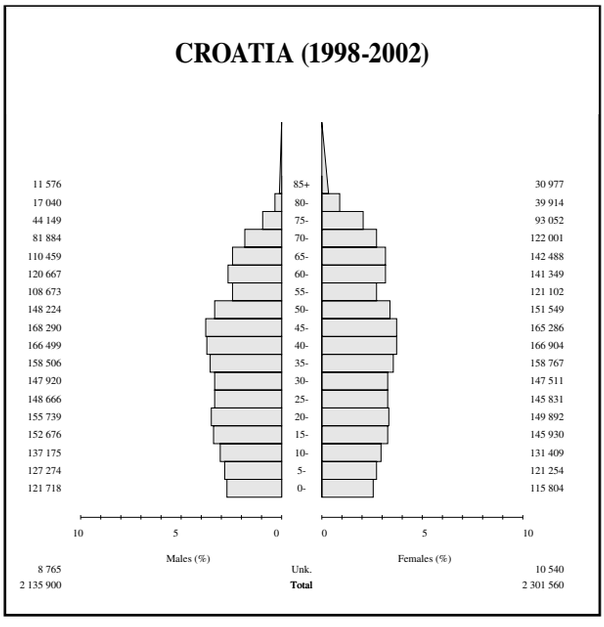
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation). This registry has the lowest histological verification rate in the monograph.

Croatia

Registration area
The Croatian National Cancer Registry covers the whole country of Croatia. The Republic of Croatia is situated along the eastern coast of the Adriatic Sea and covers an area stretching up to the last slopes of the Alps and deep into the Pannonian Valley to the banks of the Drava and Danube Rivers. Croatia is divided into three geographical regions: the Mediterranean, the Mountainous, and the Pannonian. Roman Catholics account for 87.8% of the population. Administratively, the country is divided into 20 counties and the City of Zagreb.

Cancer care facilities
In 2003, the health service entry points are 2372 primary care physicians, i.e. general practitioners, gynaecologists and paediatricians. There were 23 general hospitals. In addition, there were 12 clinical and two clinical teaching hospitals, and some specialised hospitals, of which one was dedicated to oncology. Most health institutions admitted oncology cases, but the main regional oncology centres with a full range of services are located in the clinical hospitals in Zagreb, Split, Osijek and Rijeka.



Registry structure and methods
The registry is part of the Chronic Disease Epidemiology Service at the Croatian National Institute of Public Health in Zagreb, the capital of Croatia, and is funded by the Ministry of Health and Social Welfare. A medical doctor specialist of epidemiology, a senior statistician, a technician and two data entry clerks staffs the registry full-time. Software support is provided by an external IT firm.

The basic notifications are from hospital discharge, pathology reports and primary care. Additional information is derived from every official death certificate that mentions cancer. Notifications include the name of the health providers (hospital or physician) so that they can be contacted for further information. Hospital discharge records in electronic format are used as a supplementary data source. Topography is coded in ICD-10, and morphology in ICD-0-2 classification.

Interpreting the results
There have been no organised population-based screening programmes in Croatia in the period 1998–2002. National population-based screening programmes were introduced in 2006 for breast cancer and in 2007 for colorectal cancer. However, opportunistic screening for cervical cancer has been going on since the 1960s, and the number of Pap smears taken yearly is increasing, as well as the number of mammographies. Opportunistic screening by faecal occult blood test has been going on in some regions, while PSA testing is becoming more common, but only in patients with urological symptoms.

Use of the data
Cancer incidence data have appeared each year in an annual report (bulletin in Croatian and English) and in the Institute's joint annual report since 1976. Analyses and observed trends are published in medical journals, masters and doctoral theses, and presented in congresses and other scientific gatherings. Survival analyses of registered cancer cases in the periods 1988–1993 and 1994–1998 have been carried out.

The registry was created in response to the growing public health problem posed by cancer. Data on cancer incidence and mortality are used for planning and evaluation of preventive measures and healthcare services.

Source of population
Census 2001. Census of population, households and dwellings 31st March 2001, Release 2, 17th September 2003, Republic of Croatia Central Bureau of Statistics.

Multiple primary rules used
IACR rules (2004) on historical data

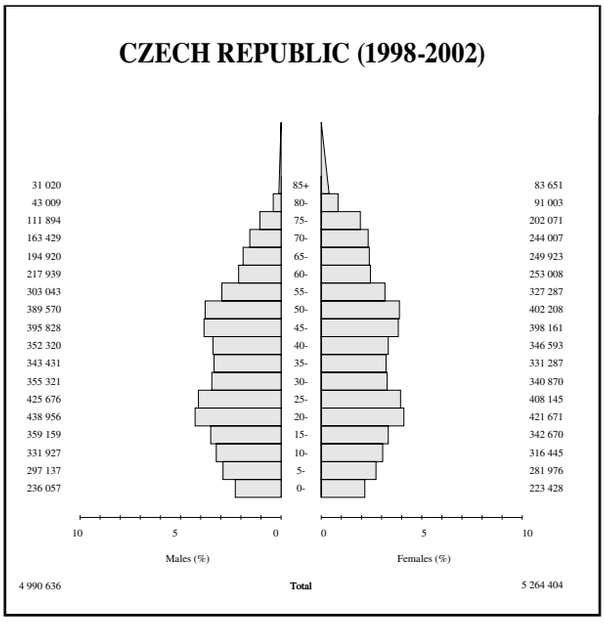
Czech Republic

Registration area

The National Cancer Registry of the Czech Republic is a territorial registry covering all residents of the Czech Republic, which lies in Central Europe. Mild climatic conditions do not vary markedly with geographical latitude over the territory.

The population of the Czech Republic is 10.2 million (2002). According to the 2001 Census more than 70% of the population is urban. A significant ageing trend in the population is accompanied by low fertility rates (during 1998-2002 total fertility rate was below 1.2). Life expectancy at birth was 72.1 years for males and 78.5 years for females (2002).

The population of the Czech Republic is ethnically homogenous. The majority of population (90.2 %) declared Czech nationality (Census 2001). The biggest ethnic minorities are Slovak (1.9 % of the whole population) and Polish (0.5 % of the whole population). Regarding religion, many are nondenominational (59.0%); the majority of believers (26.8% of the total population) were affiliated with the Roman Catholic Church.



Cancer care facilities

There is an extended network of health services in the Czech Republic. Oncological diseases are treated in specialised establishments in accordance with the kind of cancer. There are 83 outpatient establishments for clinical oncology, employing 112 physicians and 226 paramedical personnel. There are 39 outpatient radiotherapy departments with 117 physicians and 362 paramedical personnel. In the hospitals there are 11 departments of clinical oncology with 286 beds and 48 physicians, and 24 radiotherapy departments with 1185 beds, staffed by 113 physicians (as of the end of 2002).

Registry structure and methods

The National Cancer Registry of the Czech Republic (NCR) was founded in 1976 and connected with data collection on mortality from oncological diseases. However, cancer incidence has been registered since 1956. The NCR receives financial support from the Ministry of Health. Administrator of the NCR is the Institute of Health Information and Statistics (IHIS).

The National Cancer Registry of the CR itself has no regular staff. Programming is outsourced; data managing and analysis are done by three full-time employees of IHIS CR and two full-time employees of the Coordination Centre for Departmental Medical Information Systems (CCDMIS has an executive role in managing NCR). About 120 professionals are responsible for data entry (mostly hospital nurses) and about 80 physicians look after data entry and proper classification.

In the Czech Republic reporting of malignant neoplasms, in situ neoplasms and neoplasms of uncertain or unspecified behaviour is obligatory. The report is returned by the physician who diagnoses the neoplasm. Data collection is performed with the aid of Regional Units of the NCR, which collect the mandatory reports, histopathological reports, discharge reports, protocols on surgery, etc. These data are collated by the workers of the NCR Regional Units.

Collated data are transferred electronically to the Registry. All data are collected, processed and transferred to the central database using unified software with built-in online controls. Data are kept confidential in the recording and data transfer process. The central unit updates the Registry after checking and eliminating duplicates. This process is supplemented by annual comparison with the database of deaths run by the Czech Statistical Office; NCR also has access to the death certificate database, which is used for additional case-finding.

Apart from this statistical activity, patients are followed continuously (except non-melanoma skin cancer patients). Specialised follow-up (dispensary) health establishments return a mandatory check-up report for each case after 1, 2, 3, 4, 5, 7 and 10 years, then every five years and on the patient's death. The Regional Units employ physician cancer specialists and nurses on part-time contracts, mostly in addition to their practice in the field. The centre in IHIS has three specialists working directly in NCR activities.

Interpreting the results

The first organised screening programme in the Czech Republic was introduced in August 2001 for colorectal cancer. Women and men older than 50 years are involved in the colorectal screening programme. Nationwide organised breast cancer screening of women aged 45–69 was introduced in September 2002. Opportunistic screening for cervical cancer could influence incidence rates. In the Czech Republic PSA testing was introduced in 1990 and has been done routinely since 1992.

Use of the data

IHIS publishes a yearbook entitled *Cancer Incidence in the Czech Republic*, containing detailed data on incidence of neoplasms and mortality from cancer. Additional details (stage of disease, therapy) are analysed for 10 selected diagnoses. The Central Unit in IHIS processes additional data responding to about 50 special requests a year, from specialists as well as the lay public (media), and compiles

additional special publications. Other publications using registry data are prepared by other specialists or organisations.

Although IHIS of CR is not involved in epidemiological research, data of NCR of CR are submitted to scientists (e.g. researchers in Masaryk Memorial Cancer Institute). One of the tasks of the National Oncological Programme (NOP) is to support continuity, stabilisation, modernisation and practical utilisation of the database for controlled preventive and diagnosis-treatment care in oncology. NOP was officially supported by President Vaclav Klaus and by Ministry of Health of CR. The politicians devote great interest in oncological data. Practical cancer incidence data are used to evaluate the quality of hospitals' services.

Source of population

Postcensal estimates. The population estimates for 1998–2000 are based on the 3 March 1991 Census and for 2001–2002 on the 1 March 2001 Census.

Multiple primary rules used

IACR rules (2004) on historical data.

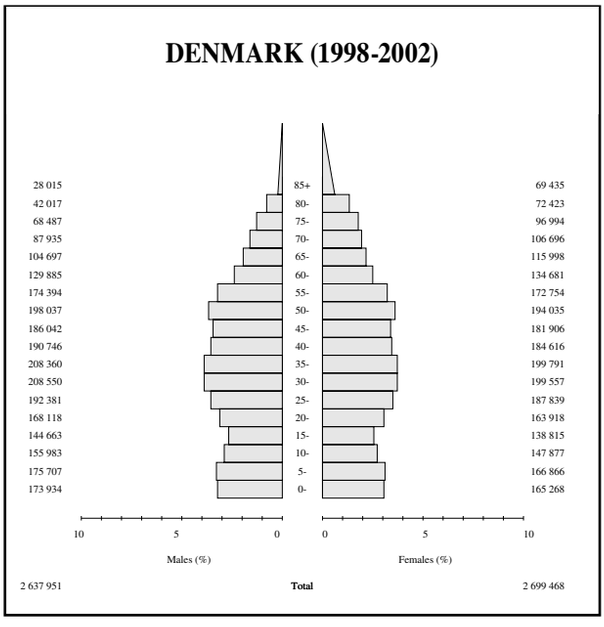
Denmark

Registration area

The Kingdom of Denmark, excluding Greenland and the Faroe Islands, covers 43 080 km^2 between latitudes 55 and 58° N, and longitudes 8 and 12°30′E. The mean population of Denmark was 5 340 000; it is of Caucasian stock and fairly homogeneous. Approximately one third of the population live in the greater Copenhagen area, 40% live in provincial towns of 10 000 to about 200 000 inhabitants, and the rest live in rural areas. Since 1968 all inhabitants have been given a unique personal identifying number, used in most registration systems, including the cancer registry. A central computerised population register keeps a continuously updated file of personal information on all inhabitants.

Cancer care facilities

The medical care system is organised into a private sector of general practitioners and specialists under contract with the National Health insurance, and a public sector operating hospitals under the authority of the counties and municipalities or the Danish State. Health care is provided free to all inhabitants. Cancer surgery is carried out both at general hospitals and at oncological centres. The hospital departments are serviced by 23 institutes of pathology. Non-surgical cancer treatment is partially centralised at five university hospitals with radiotherapy and oncology expertise and one regional oncological centre (Vejle Hospital). Almost the entire population is capable of reaching a specialised cancer centre within a few hours by ground transport.



Registry structure and methods

The Danish Cancer Registry was founded in May 1942 as a nationwide programme to register all cancer cases in the population. Incidence figures are available from 1 January 1943. Registration is compulsory by administrative order as of 1 March 1987, today incorporated in the National Health Law. This order also covers Greenland, and a similar order was issued for the Faroe Islands by the Faroe authorities. Data from Greenland are not included in the Danish incidence figures, but published separately. Data from the Faroe Islands are not included in the Danish Cancer Registry. The registry was, until January 1997 administratively part of the Danish Cancer Society, but has since then been the responsibility of the National Board of Health. A close collaboration between the Cancer Registry and the Danish Cancer Society that holds the full and regularly updated copy of the cancer registry for research purposes has been established. The Cancer Registry operates under the law on public authorities registries with instructions established by the Ministry of Health and supervised by the National Data Protection Agency, whereas the Danish Cancer Society copy of the Danish Cancer Registry operates under the law on private registries also supervised by the National Data Protection Agency. Data extraction and requests for data for research projects external to the Danish Cancer Society must be forwarded to the Cancer Registry at the National Board of Health.

Upon receipt at the cancer registry, notifications are checked and coded. Medical coding is carried out by physicians (1½ full-time equivalent) and trained medical coding staff (10 full-time persons), supported by an academic staff and IT coordinator (1 full-time equivalent). Duplicate registrations are readily picked up with the help of the personal ID number. The entire coding process is supported by computer checks of consistency between variables (sex, codes, procedures, etc.), warning programmes and manual check procedures. New tumour cases are then included in the registry's computerised database and additions or corrections are made to previously notified cases. If the information received is incomplete or contradictory, an inquiry is made to the notifying clinician. All data up to 1977 were classified according to a modified version of ICD-7 expanded to include information on histology and tumour behaviour. All cases diagnosed since 1978 have been classified according to the ICD-O as well as the modified ICD-7.

Reported cases of cancer are linked to the Central Population Registry using the personal identification number, the identity is checked and information corresponding to the date of diagnosis is transferred to the registry file.

The entire registry database is cross-checked annually by computerised record linkage with all deaths that occur in the country. Medical certification of death by medical doctors is compulsory. Follow-back on death certified cancer cases unreported to the cancer registry is accomplished by mailed enquiries to the certifying physician or hospital. Less than 2% remain as death-certificate-only cases.

Computerised medical information systems on hospital discharges have been operating nationally since 1977. Since 1987, cases are also captured from this registry but only included if confirmed. In preparation for extensive computerised data capture from 2004, the reporting of cancer to the discharge registry was expanded and improved to fulfil the requirements of the cancer registry.

Interpretation and use of data

Assessments by linkage to patient discharge registers, pathology registers, and patient series have shown that the completeness of the registry is 95–97%.

The registry produces morbidity statistics in relation to variation over time, age and geographical location, and is used extensively for research. Since 1978, incidence data

have been published for each year separately. From 1999 onwards the annual incidence publication can be obtained electronically from http://www.sst.dk (search term: cancer) at the level of ICD-7, and tabulated electronically from 1977, or from the NORDCAN database http://www.ancr.nu where annual data are available from 1972.

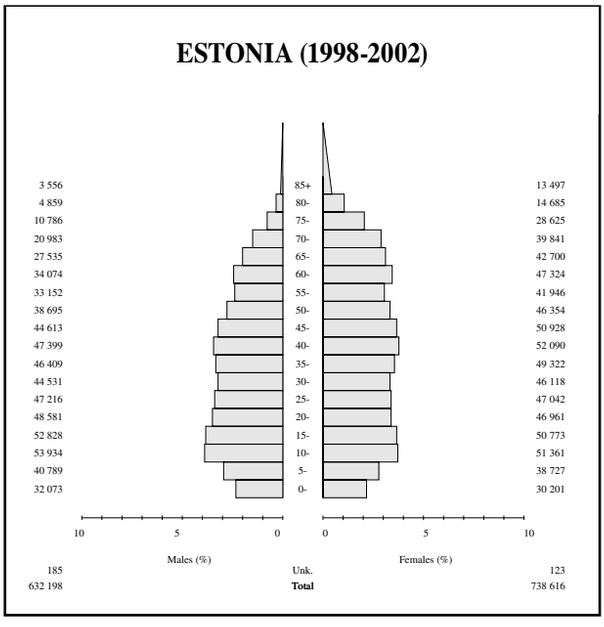
Source of population
A continuous count of the population is maintained. The mid–year point has been taken for each year.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Estonia

Registration area
The Estonian Cancer Registry (ECR) covers the whole Republic of Estonia, population 1.4 million according to the 2000 census. Of the total population at the 2000 census, 68% were Estonians, 26% Russians, 2% Ukrainians, 1% Byelorussians and 3% other ethnic minorities; 69% of the population was living in urban areas. The life expectancy at birth was 65.1 years for men and 76.0 years for women.

Cancer care facilities
After Estonia regained independence in 1991, the national healthcare system was reorganised from a state-controlled system to a decentralised health-insurance-based system. Patients suspected of having cancer by the primary and secondary healthcare facilities are mostly referred to two specialised cancer hospitals, which provide radiotherapy, cancer surgery and chemotherapy. Some cancer treatment is performed in general hospitals (surgery) or other specialised hospitals/ departments (neurosurgery, haematology, paediatric oncology).



Registry structure and methods
Cancer registration in Estonia dates to 1953 when compulsory registration of incident cancer cases started in the former USSR. The Estonian Cancer Registry was founded in 1978, while reliable incidence data are available since 1968. Until 1991, the Registry consisted of two subdivisions: (a) The Department of Statistics of the Estonian Cancer Centre (ECC), and (b) Department of Epidemiology and Biostatistics of the Institute of Experimental and Clinical Medicine. In 1991, the former of these subunits, responsible for the data collection, was renamed the Estonian Cancer Registry; the scientific analyses based on the Registry's data continued to be a responsibility of the latter subunit (since 2003, the Department of Epidemiology and Biostatistics of the National Institute for Health Development). The year 1994 was a landmark of major reorganisations in the Registry, particularly in the data collection procedures and the structure of the database. The Registry is funded from the state budget and employs a staff of five (Director, Data analyst, Physician-Data Manager, two Coding Clerks). Since the end of 2001, the ECR has operated as a subunit of the North-Estonian Regional Hospital Foundation's Cancer Centre.

Reporting of cancer cases in Estonia is compulsory. The Registry receives notifications from treating physicians and pathology and haematology laboratories. Coding and input are carried out in the Registry. The cancer patients are followed up to death or emigration. The data file for all death certificates issued in Estonia was provided annually by the Statistical Office of Estonia, and the Registry performed a trace-back procedure for cancer cases first notified by a death certificate. But due to the lack of legislative basis, the Registry has no access to death certificates issued in Estonia since 2001; therefore the incidence data may also be incomplete.

For updating the migration data and other personal data, in 2000 the Registry started regular linkage with the Population Registry (founded in 1992 when the national identification code was introduced in Estonia). In 1998, the data confidentiality issue was drastically emphasised in the public media. To solve the conflict between the Ministries and specify the legal aspects of personal data protection, the forwarding of notifications to the Registry was suspended for a month by administrative order. In February 2001, the Minister of Social Affairs issued a revised Decree (No. 21) on Cancer Registration and Running the Estonian Cancer Registry, providing access to the Registry's data in accordance with the Personal Data Protection Act. Recently, the Ministry of Social Affairs of Estonia has started to modify the existing laws in order to create the legal basis for all health registries, including the ECR.

The quality of the ECR's data has not been formally evaluated; the first study that partially covered this subject was carried out within the framework of a doctoral thesis by a young researcher and published in 2005.

Interpreting the results
No nationwide organised mass screening programmes for the early detection of cancer have been introduced in Estonia. However, the wide use of PSA testing since 1993 may have caused the rapid increase in detection of prostate cancer.

Opportunistic mammographic screening was introduced in some regions of the country in the 1990s and in the whole country in 2002. Also, an early detection project for cervical cancer in Estonia was introduced in 2003, and all regions were included by 2004.

Use of the data
The Registry publishes annual reports of cancer incidence, highlighting also time trends in incidence (the first report available for 1996, the last for 2000). Registry data have been used for a number of descriptive and analytical epidemiological studies, including international comparisons. In 1996, a statistical compendium, *Cancer in Estonia 1968–1992: Incidence, Mortality, Prevalence, Survival*, was published.

For the first time, the National Cancer Strategy was developed by the Working Group and presented to the Government in Spring 2000, but was not approved and financed. The present version of the Strategy covering the

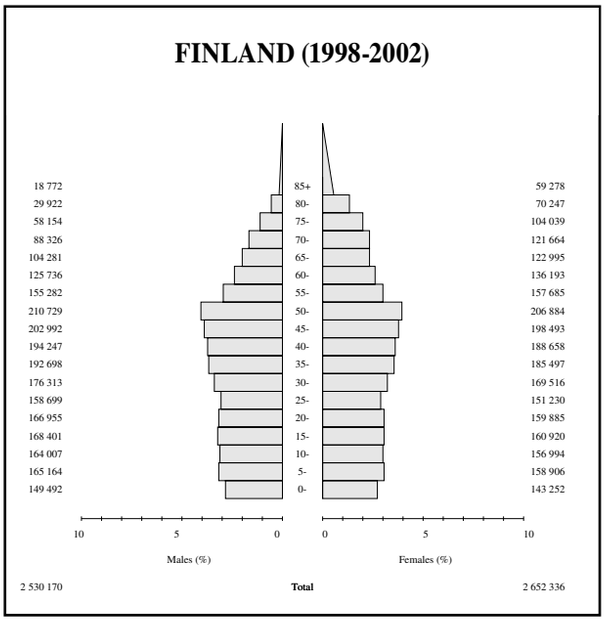
years 2007–2015, was submitted to the Government in 2006, and state funding will start in 2007.

Source of population
1998–1999: Estimate, based on 1989 census, making allowance for births, deaths and migration and revised after 2000 census. 2000: census. 2001–2002: estimate, based on 2000 census, making allowance for births and deaths but not for migration.

Multiple primary rules used
IACR rules (2004) on historical data.

Finland

Registration area
The Registry covers the whole of Finland (area 338 145 km^2), which is bordered to the north by Norway, to the east by Russia, to the west by Sweden and the Gulf of Bothnia, and to the south by the Gulf of Finland. The average altitude is 150m. Finland has 33 615 km^2 of inland water and belongs to the coniferous forest zone. The population of Finland is 5 181 000 (2000). Ethnically, the Finns are Caucasian, and of mixed origin, including Baltic, Scandinavian and probably eastern elements; 85% are Lutherans. The official languages of the country are Finnish and Swedish; 5.6% of the population speak Swedish as their mother tongue. The main occupational groups are: industry (26.8%), services (65.5%) and agriculture and forestry (6.1%). Some 60% of the population lives in urban municipalities. The population of Helsinki with its suburbs accounts for 18% of the total. The life expectancy at birth is 73.7 years for males and 81.0 years for females.



Cancer care facilities
In 1999 Finland had 15 800 physicians (3 per 1000 inhabitants) and 39 700 hospital beds (excluding psychiatric hospitals). The country is divided into 22 healthcare districts, of which five (Helsinki, Turku, Oulu, Kuopio and Tampere) have a university teaching hospital. Diagnosis and treatment of cancer is only partly centralised; cancer surgery is practiced in all major hospitals and also in many smaller clinics. Nine hospitals have a radiotherapy unit. Specialised paediatric oncological services are available in five university hospitals.

Registry structure and methods
The Finnish Cancer Registry (Institute for Statistical and Epidemiological Cancer Research) was established in 1952 on the initiative of the Cancer Society of Finland. Data on newly diagnosed cancer cases have been collected since 1953. Finland has been included in all the previous eight volumes of Cancer Incidence in Five Continents.

The total number of employees in the registry is 36, of whom 22 are at the cancer registry and 14 at the Mass Screening Registry (part of the Finnish Cancer Registry). There are 7 senior officials; IT personnel, secretaries and clerks account for 20 more, and researchers an additional nine.

The principal sources of information on cancer cases are physicians and hospitals, pathological laboratories and death certificates from Statistics Finland.

Reporting of cancer cases has been compulsory since 1961. If needed, requests are sent to notifiers in order to ensure accurate information of the identity of the individual in question, and primary site and date of diagnosis of the tumour. Coding of information at the Cancer Registry has always been done or supervised by a physician. Case identification is based on the personal identification number used in Finland since 1967. This also enables accurate follow-up of cancer patients for death through official sources. Besides continuous quality control procedures, formal evaluations also take place.

Nationwide screening programmes for breast, cervical and colorectal cancer are coordinated, monitored and evaluated by the Mass Screening Registry that is a part of the Cancer Registry. Opportunistic PSA testing is very common.

Use of the data
Apart from producing routine statistics (annual incidence rates by sex, age, primary site and healthcare district) and data for planning and health education purposes, the Registry is actively engaged in research on cancer epidemiology, biometrics and cancer patient survival, and provides material for clinical and pathological studies, and follow-up data on cancer patients. The Registry also acts as a consultant body in Finland on issues related to cancer epidemiology and research.

Source of population
A census count of the population is performed on a continuous basis by the Population Register Centre. The average annual population for 1998–2002 is published by Population Statistics, Statistics Finland.

Multiple primary rules used
IACR rules, modified by the cancer registry.

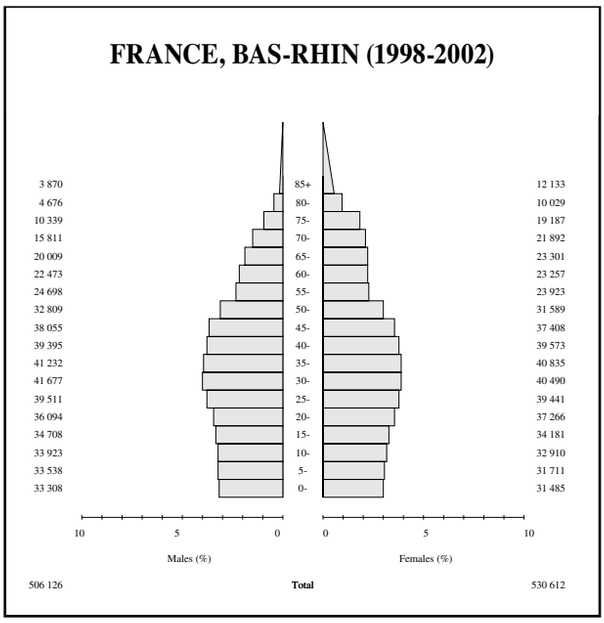
Notes on the data
C44 does not include basal cell carcinoma.

France, Bas-Rhin

Registration area

The "département" (French administrative district) of Bas-Rhin constitutes the northern half of the Alsace region, occupying the west side of the plain drained by the Rhine, which represents a natural border with Germany. On the opposite side the Bas-Rhin reaches the massif of the Vosges on the west, with a total area of 4 58 km^2. The town of Strasbourg is its regional centre. Forest covers 30% of the land area. The maximum altitude (1100m) is reached in the Vosges, and the minimum (32m) on the Rhine plain. The climate is temperate to semi-continental.

The population consisted of 1 026 120 inhabitants in 1999 (density: 216 inhabitants/km^2). Of these, 54.4% live in an urban environment in agglomerations with over 5000 inhabitants, and 27.6% in villages with fewer than 2000; 40.8% live in the urban district of Strasbourg. The population is slightly younger than the general French population.



The economically active population amounts to 53.1% of the total population: 67.0% of these work in the services sector, 30.8% in industry, and 2.2% in agriculture.

The département is without mineral resources and does not produce any raw materials, but has a major energy-production industry (petrol refineries and hydroelectric stations). The mechanical and electrical construction industry and the food industry (including breweries and wine production) are the most important. Agriculture plays an important role in spite of the low percentage of the population employed in this sector.

Bas-Rhin is a relatively wealthy département: incomes are high, and the level of consumption is also high, notably for food. Life expectancy in 1999 was 75 years for males and 82 years for females.

Cancer care facilities

Bas-Rhin has a high level of medico-social equipment, with 8457 hospital beds in 1999 (1 bed per 121 inhabitants), 1636 general practitioners and 1802 specialists. Hospitals employ 37.2% of all doctors. Many scattered small rural hospitals allow for hospital care close to the place of residence. More than 70% of cancer patients die in hospitals.

Registry structure and methods

The activity of the Cancer Registry of Bas-Rhin began in 1974. The registration of cases covers the resident population of the département of the Bas-Rhin.

Cancer registration is active, the doctors from the registry visiting each of many sources regularly to establish lists of new cases and to complete an epidemiological questionnaire. The lists from each of these sources are compared to ensure complete registration and to eliminate errors, particularly duplicate registrations. Cancers discovered by autopsy are registered. Death certificates are not used as a source, but serve only to verify the completeness of registration.

For each case of cancer registered, the identity and address of the patient are noted as well as the date of diagnosis, the method of diagnosis, the pathology department, the identification number of the pathological examination, the topography and morphology coded to ICD-O, and the behaviour. The two sources where the most complete information was found are also noted, as well as the identification number of the medical file, the date of death or the date of last information concerning vital status of the patient.

The identity of the patients is used only to avoid registering more than once the same patient with the same cancer. The data are coded by the doctors who have visited the information sources.

Lesions or cancers diagnosed or discovered *in situ* and with histological verification are registered, but are not included in calculations of incidence.

Interpreting the data

Organised breast cancer screening of the population aged 50–65 has been carried out since 1989 (20 000 examinations annually). Organised screening for cervical cancer was introduced in 1994 for women aged 25–65. Screening for cancer of other sites is opportunistic.

Source of population

INSEE: http://www.insee.fr

Multiple primary rules used

IACR rules (2004) on historical data.

Notes on the data

C44 not available.

France, Calvados

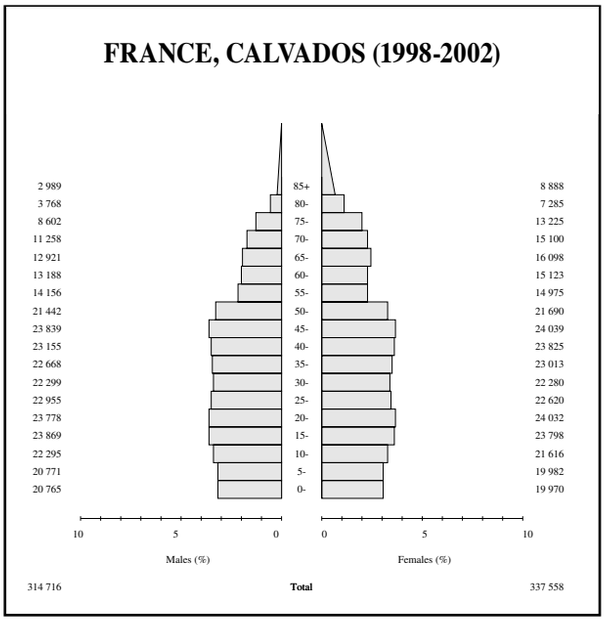
Registration area
The *département* (French administrative district) of Calvados covers an area of 5548 km^2. Situated in Normandy, it includes parts of the Armorican Massif (Bocage) and the Paris Basin (Pays d'Auge, Plaine de Caen, Bessin). To the North is the coastline of the English Channel. The highest elevation is 365m above sea level. The département of Calvados includes 621 rural communes (37.7% of the population) and 84 urban communes. There are 652 273 inhabitants, of whom 6.9% are aged 75 years and older. Among those employed (250 725 individuals), 5.2% are in agriculture, 19% in industry, 5.6% in building, 13.6% in commerce, and 56.6% in the service industries. In 1999, unemployment was 7.4%.

Registry structure and methods
Two cancer registries, both located in Caen, the departmental capital, cover the département of Calvados. The general registry is located at the Comprehensive Cancer Centre François Baclesse, and the specialised digestive tumour registry at the University Hospital. These two registries are supported by the National Institute for Heath and Medical Research (INSERM) and by the Health Watch Institute (InVS) of the Ministry of Health. They also receive contributions from the Conseil Régional de Basse-Normandie. They are affiliated with the French Association of Cancer Registries (FRANCIM), and to the EUROCARE network.

Registration has been carried out without interruption since 1978, using data from private as well as public medical facilities. They include a University Hospital, one regional comprehensive cancer centre and one cancer hospital, 22 general hospitals, 2160 doctors including 1137 specialists, and five pathology laboratories.

Registration is active, and information is directly taken from the medical and pathology records. Death certificates are also referred to; however, cases for which information only originates in death certificates are not registered.

Completeness is ensured by linking the information collected from all sources. The index date is the date of first pathological diagnosis or, if not available, the date of first diagnosis (radiological or biological). TNM stage and treatment are routinely coded for digestive tumours. Follow-up information is collected at regular intervals from treating doctors as well as from public registry offices for all cases. Data from the different registries are linked periodically in order to exclude cases registered twice. Paper documentation is kept for each case.



Use of the data
In addition to analysis of incidence and trends, many studies are conducted: change of disease stage at diagnosis, evaluation of mass screening, evaluation of treatment impact on survival, and survival trends. Relationships between environmental factors and oesophageal cancer, colorectal cancer, peritoneal and pleural mesotheliomas are also studied, as well as occupational exposure to pesticides and cancer.

Source of population
INSEE: http://www.insee.fr.

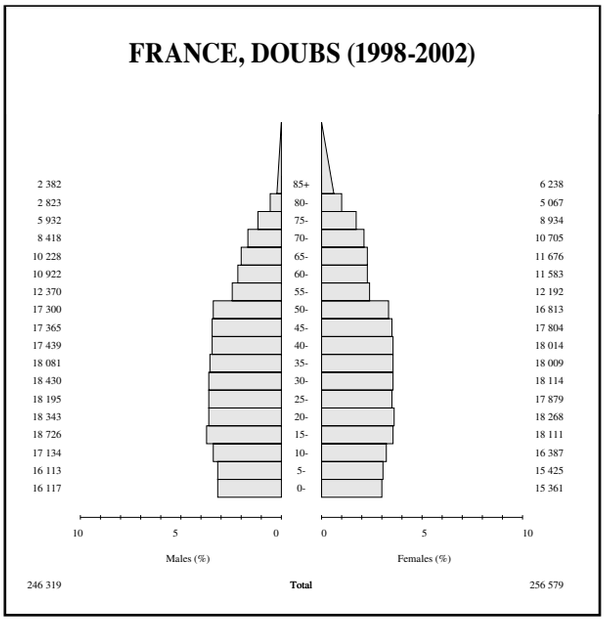
Multiple primary rules used
IACR rules (2004) on historical data.

Notes on the data
C44 not available.

France, Doubs

Registration area
The registration area is the Doubs *departement* (French administrative district), which covers 5234 km^2. According to the 1999 census, the total population comprises 499 062 inhabitants, of whom 346 720 live in urban areas and 152 342 in rural areas. The economically active sector includes 204 219 residents, and the unemployment rate is 10.4%. A notable proportion of residents living by the border cross it to work in Switzerland. There are 26 262 foreigners who work in the department, mostly from North Africa. The main religion is Roman Catholic.

There are two industrial areas: one in Sochaux-Montbeliard, with a large automobile factory, and the other in Besançon, the main city, which has several small industries that produce little or no pollution.



Cancer care facilities
There was one physician per 523 inhabitants in 1999. The entire population is covered by health insurance. Nearly all Doubs residents are treated in the departement. There are two oncology-radiotherapy wards, one in the teaching hospital of Besançon and one in the general hospital of Montbéliard. During the study period there was no cancer screening programme (the breast screening programme began in 2003).

Registry structure and methods
The Doubs Cancer registry began its activities in 1976. The registry is mainly supported by the InVS (Institut de Veille Sanitaire, a national agency funded by the Health Ministry, and by the teaching hospital of Besançon.

The registry uses active and passive casefinding from 38 sources of data consisting of public and private pathology laboratories, computerised hospital and clinic discharge recording systems, and medical records. The law allows physicians to transmit data to registries. In the registration area, there are only a few physicians who do not collaborate with the registry. The few residents treated outside of registration area are found using discharge recording systems of hospitals and clinics outside the registration area. Death registration is based on death notification in the patient's birthplace. The registry staff visits the sources and consults computerised medical records to collect data.

Data collection follows rules and recommendations of the ENCR. All types of invasive tumours are included (basal and squamous cell skin cancer are included) as well as uncertain-behaviour tumours and *in situ* tumours of the urinary bladder, and *in situ* tumours of the cervix and breast. Benign tumours of the brain and *in situ* tumours of colon and rectum and melanoma were not included for the study period but have been registered since 2003. French registries must maintain data security, confidentiality and information to patient following recommendations of the CNIL (Commission Nationale Informatique et Liberté), and the Doubs registry has developed internal checking and rules to follow these recommendations. Checking for duplicates is done at data entry, and regularly verified on the database using computer programmes.

Uses of the data
The registry prepares an annual report of cancer incidence, highlighting trends and changes. It collaborates with the French Cancer Network FRANCIM to publish studies on national and regional incidence estimates as well as survival and evaluation of care studies. The registry also conducts specific studies in collaboration with local clinicians and epidemiologists.

Source of population
INSEE: http://www.insee.fr.

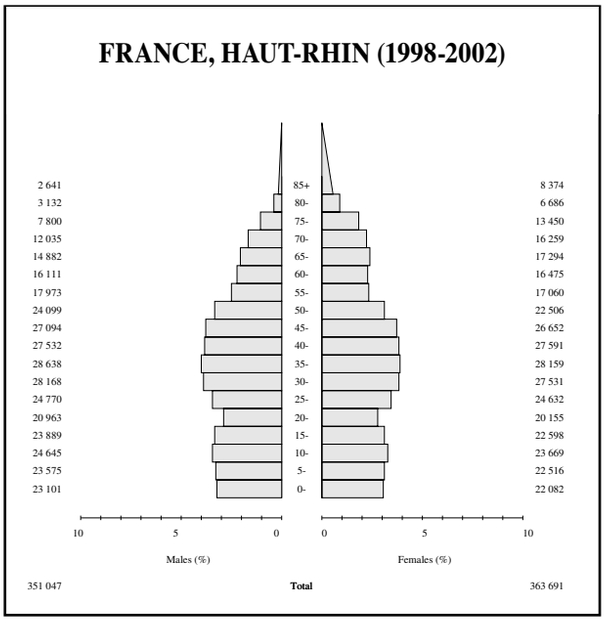
Multiple primary rules used
IACR rules (2004) on historical data.

Notes on the data
C44 not available.

France, Haut-Rhin

Registration area
The *département* (French administrative district) of Haut-Rhin, an area of 3522 km², is situated in the northeast of France. It is adjacent to the département of Bas-Rhin in the north (with which it constitutes the Alsace region), the département of the Vosges to the west, and the Franche-Comté region and Switzerland to the south. To the east, the Rhine separates Haut-Rhin from Germany. The altitude varies from 195m on the Rhine to 1424 m in the Vosges mountains. The climate is semi-continental, with fairly cold winters and hot, dry summers. The conditions favour the vineyards of the lower slopes of the Vosges. The area has four geographical regions: the Vosges mountains (crystalline massif), the lower hills of the Vosges (wine and fruit cultivation), the plain of the Rhine (land of loess and former marshland), and the Alsacian Jura (limestone).

The population of Haut-Rhin is divided into 377 communes, of which 269 are rural with fewer than 1000 inhabitants. Haut-Rhin has a higher proportion (47%) of economically active (aged 15–64) persons and a lower proportion aged over 65 years than France as a whole. Foreigners make up 8.1% of residents, of whom 69% were born outside metropolitan France. The population is 21% rural; 52% live in the 23 communes with more than 5000 inhabitants. The urban area of Mulhouse has 228 115 inhabitants. The average population density is 201 inhabitants per km², varying from 81 in the rural communes to 4975 in the commune of Mulhouse.



The unemployment rate is 9% among men and women. The industrial sector employs 25% of the active population (automobile, arms, chemicals, textiles, wood and paper, nuclear power); the agricultural sector 2% (market gardening, wine production, forestry), the building sector 6%, and the tertiary sector 67% (commerce, administration, education, health, transport). A special feature related to the geographical situation of Haut-Rhin is that 12% of the employed population resident in the département works in Switzerland or Germany.

Cancer care facilities
With 98 general practitioners and 63 specialists per 100 000 inhabitants, the medical coverage of the Haut-Rhin population is below the national French average (respectively 113 and 88). The hospital infrastructure, public and private, comprises 1582 beds in medical wards, 1141 in surgery, and 325 in gynaecology and obstetrics. There are two radiotherapy wards, one in the south (Mulhouse), and the other in the north (Colmar). There is no specialised cancer centre in the département.

Registry structure and methods
The Haut-Rhin Cancer Registry is a general population-based registry. Created in 1989, it is administered by an association under a specially constituted law for the purpose. It is entirely financed by local funds (local and regional groups, health insurance funds, the Anti-Cancer League).

The registry collects information on all new cases of cancer occurring among the inhabitants of Haut-Rhin, including those diagnosed and treated elsewhere. Registration is active. The main sources of information are pathology and cytology laboratories, and radiotherapy, oncology, paediatrics and haematology services. The medical information departments and medical records departments of the hospitals are also excellent sources of first notifications. Cases discovered at autopsy are registered, and identified as such. The data collected are systematically verified, completed or modified, using secondary sources (hospitalisation services, treating physicians). The average number of sources per registered case is over three. Death certificates are not used.

Data are entered using the IARC CanReg software.

Use of the data
The registry was established in order to obtain data on the burden of cancers in the area, so as to maintain an updated database for evaluation of public health measures in the prevention, screening and treatment of cancer.

Source of population
INSEE: http://www.insee.fr.

Multiple primary rules used
IACR rules (2004) on historical data.

Notes on the data
C44 not available.

France, Hérault

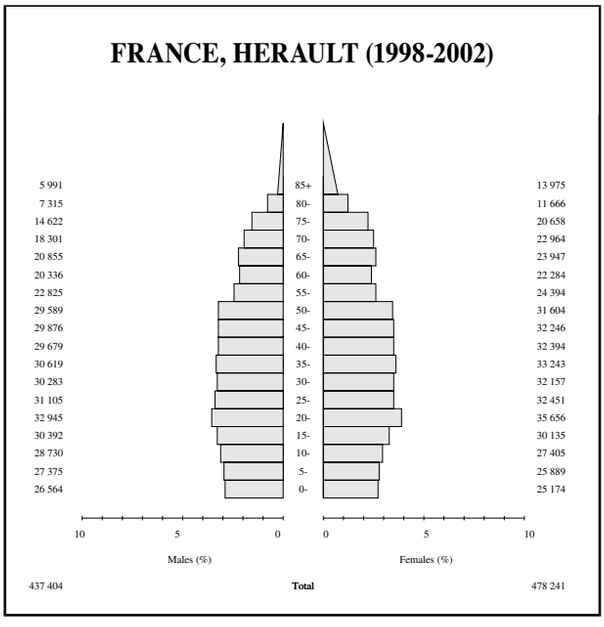
Registration area
The registry is located in Montpellier, the capital of the Hérault *département* (French administrative district), which is part of the Languedoc-Roussillon region and covers 6101 km^2 in the south of France, near the Mediterranean.

In 2000 the population of Hérault comprised 920 000 inhabitants (48% males, 52% females) with a population density of 151 inhabitants per km^2. The departement is highly urbanised (the urban population is 4.25 times the rural population).

Of the active population, 81.1% work in the services sector, 15% in industry and 3.9% in the agricultural sector. The unemployment rate is 14.5%.

The population is slightly older than the general French population (23.1% older than 60, vs. 19.8% in France). Life expectancy is 76.3 years for males and 83.2 years for females (vs. 75.9 and 82.9 years in France, respectively).

The birth rate is 12.0 per 1000 and the mortality rate 9.5 per 1000 (vs. 12.7 and 9.0 per 1000 respectively in France).



Cancer care facilities
Hérault has a high level of medico-social equipment, with 2.5 beds per 1000 inhabitants in medicine and 2.2 beds per 1000 inhabitants in surgery (vs. 2.2 and 1.8 per 1000 inhabitants in France respectively) distributed among one hospital specialising in cancer, 10 public hospitals (including one academic hospital in Montpellier and 6 small rural hospitals) and 16 private clinics. The medical coverage of the Hérault population is greater than the national average of 200 general practitioners and 246 specialists per 100 000 inhabitants.

Registry structure and methods
The majority of the registry's budget comes from the National Health Department through InVS (Institut de Veille Sanitaire) but also from INSERM (Institut National de la Santé et de la Recherche Médicale) and Hérault Committee's League against Cancer.

The registry staff consists of five persons: one medical epidemiologist, one secretary, two registrars and one investigator.

Our principal sources of information on cancer cases are 11 pathological laboratories, one hospital specialising in cancer, 3 radiotherapy units, 2 general hospitals, 10 private clinics, general and specialist practitioners, and the medical files of 2 health insurance companies. For data collection, 20% are collected via active search, 65% by passive notification, and 15% as pre-coded data from the hospital specialising in cancer. Registration is active: medical and pathology records are consulted directly by medical doctors and registry investigators.

The administrative information is coded by the registrars and all medical information is coded by the medical director of the registry. Death certificates are not used as a source.

All invasive and *in situ* cancers are registered, with the exception of basal cell carcinomas of the skin. Stages are registered for all localisations and coded according to the TNM 5th edition.

There is active follow-up of the registered cancer cases since 1997.

Interpreting the results
Since 1990, we have had two organised breast cancer screening programmes for women aged 40–49 years and 50–69 years. Hérault is the only French area covered by a cancer registry in which there is an organised breast screening programme for women aged 40–49 years.

Use of the data
A report of all data is published biannually. The last report was published in April 2005 for cancers diagnosed in 2001–2002. All incidence data, chronological tendencies and relative survival by sex, age and stages for each organ are detailed. Screening programmes for breast cancer are evaluated.

The Hérault Cancer Registry performs many studies (case–control studies, medical economic studies, evaluation of therapeutic practices), alone and in collaboration with other French or European registries.

Source of population
INSEE: http://www.insee.fr.

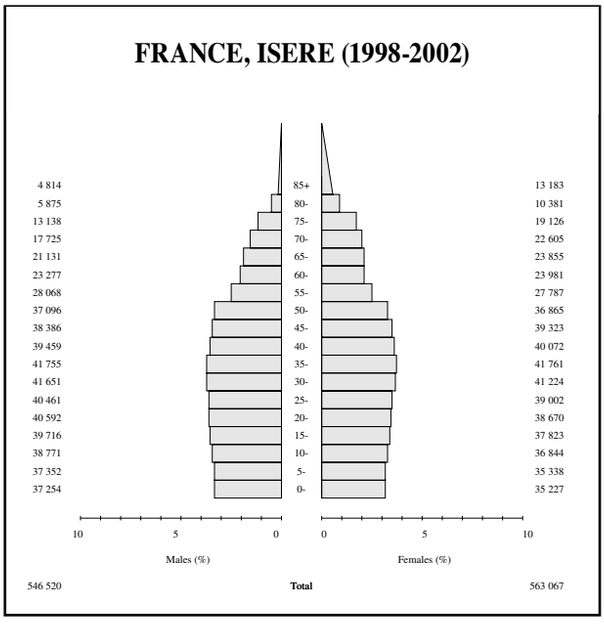
Multiple primary rules used
IACR rules (2004) on historical data.

Notes on the data
C44 not available.

France, Isère

Registration area
The Isère Cancer Registry covers the population of the *département* (administrative region) of Isère in southeastern France. Besides some recreational activities (e.g. ski resorts, lakes), industrial activities are important (chemical production), and research and teaching (universities). Less than 20% of the population resides in rural areas. In 2002 the population was estimated to be 1 126 000, with 301 000 people under age 20, 622 000 aged 20–59 years and 203 000 over age 60.

Cancer care facilities
In 2001, the density of specialised and general practitioners was 206 per 100 000 inhabitants. In December 1999, there were 3586 physicians in charge of the population's health in Isère. There are two specialist cancer hospitals, and diagnosis and treatment are also undertaken in general hospitals and private clinics.



Registry structure and methods
Of the registry's budget, 70% comes from the Isère General Council (Conseil Général) and from InVS (Institut de la Veille Sanitaire) and INSERM (Institut National de la Santé et de la Recherche Médicale). The bulk of the research work is funded by the French League against Cancer and by foundations or by contracts with industrial companies. The registry staff, both for registration and research work, consists of two clerks (part-time), two registrars (part-time), 1.6 medical epidemiologists, one statistician and one secretary. For some studies, extra medical interviewers are hired.

Among the sources of information, in Isère and in three contiguous areas, there are 34 laboratories providing pathological reports. The registry also obtains information from two hospitals specialising in cancer, 13 general hospitals, the network of hospitals in the city of Lyon, six private clinics and the medical files of two Health Insurance Companies. Since 1997, abstracts of the medical files from the hospital patient-disease information systems are received for most patients treated for cancer, at least for hospitals in the public domain. All of the information received is carefully checked and when judged insufficient, registry staff visit the sources where they scrutinise the records kept in the medical records departments. As death certificates are anonymous, they are of no use for case-finding. There is no active follow-up of the registered cases, except for specific survival studies.

Interpreting the results
An active screening programme (breast, colon and cervix) and well-implemented habits of PSA testing for prostate cancer may explain rather high incidence rates for these tumours, as compared with French standards. In operation since 1985 (PSA) and 1990 (screening), these activities probably no longer have an effect on trends, but some research has shown an increase in the proportion of localised compared to distant tumours, which supports a beneficial effect of those programmes for the population's health.

Systematic sending of medical record abstracts by hospitals may improve coverage in coming years.

Use of the data
A report for researchers and people in charge of cancer in Isère is published annually. The prevalence of cancer has been estimated. Mapping of disease is carried out by the registry. The screening programmes for breast, colon and cervix cancers are evaluated.

The registry also undertakes surveillance of occupational cohorts. In co-operation with other French Cancer Registries (FRANCIM) and the Institut de la Veille Sanitaire, the registry contributes to the detection of new cancer risks in the French population.

Analyses of different methods of diagnosis and treatment for some cancer sites, including breast, prostate, bladder, kidney and colon cancer, have been carried out as well.

Source of population
INSEE: http://www.insee.fr.

Multiple primary rules used
IACR rules (2004) on historical data.

Notes on the data
C44 not available.

France, Loire-Atlantique and Vendée

Registration area
The registration area is composed of the two *départements* (French administrative districts) of Loire-Atlantique and Vendée, situated in western France, which cover 13 535 km^2 and have a total population of 1 134 493 for Loire-Atlantique and 539 806 for Vendée according to the 1999 census. The population density figures were 172 and 84 inhabitants per km^2 in Loire-Altantique and in Vendée respectively. About 54% of the Loire-Atlantique population and 25% of the Vendée population live in urban areas (≥10 000 inhabitants).

Cancer care facilities
There are 23 public and 37 private hospitals in the two départements, including one university hospital and two anticancer centres. Most radiotherapy and chemotherapy structures are present in the 3 main towns (Nantes, Saint Nazaire, La Roche-sur-Yon). The two départements have 2613 general practitioners and 2520 specialists (respectively, 108 and 62 per 100 000 inhabitants).

Registry structure and methods
The Loire-Atlantique and Vendée Cancer Registry is a general population-based registry. Created in 1998, it is one of the biggest French Registry, affiliated with the association of French Cancer Registries (FRANCIM) and recognized by the National Committee of Registries (CNR). It is administered by an association according to the French association law of 1901. It is entirely financed by the General Council, the Regional Council, the Departmental League Against Cancer, the Loire-Atlantique private anticancer centre, the National Institute for Medical Research (INSERM) and the Health Watch Institute (InVS).

The registry is located within the university hospital of Loire-Atlantique (CHU Nantes) and the departmental public hospital of Vendée (CHD La Roche-sur-Yon). The registry is staffed by a medical epidemiologist, a part-time anatomopathologist and 10.5 full-time equivalent persons.

Cancer cases are found by an active search in the medical records from several sources of data. The three main sources are pathologists, medical information systems in the hospitals and clinics, and health insurance notifications. The registry staff visits these sources, where they scrutinise the records kept in medical records departments, to identify and abstract information on cases of cancer (diagnosis and treatment of cancers) among residents of the registry départements. Until now, death certificates have been forbidden by law to be used as data sources for registries in France.

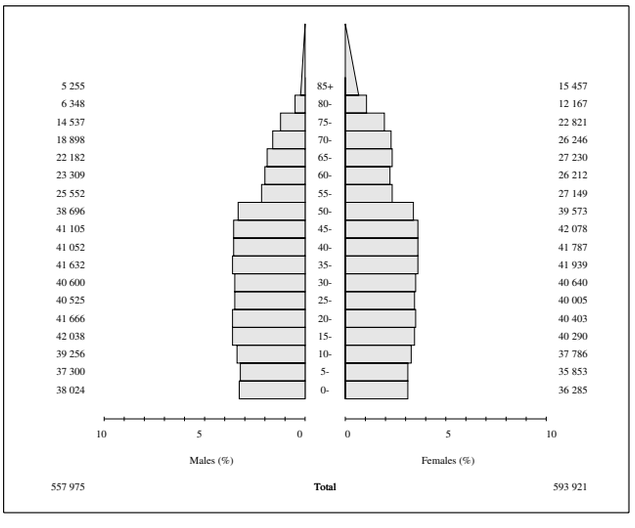
Although cancer is not a notifiable disease, a few registration forms are received from private practitioners. Arrangements have been made with the hospitals outside the registration area to notify the registry of any resident cancer cases that they diagnose and treat.

Quality in the registry is monitored every four years by the National Committee of Registries (CNR). The Registry is monitored by the National Commission of Data Processing and Freedom (CNIL) for confidentiality.

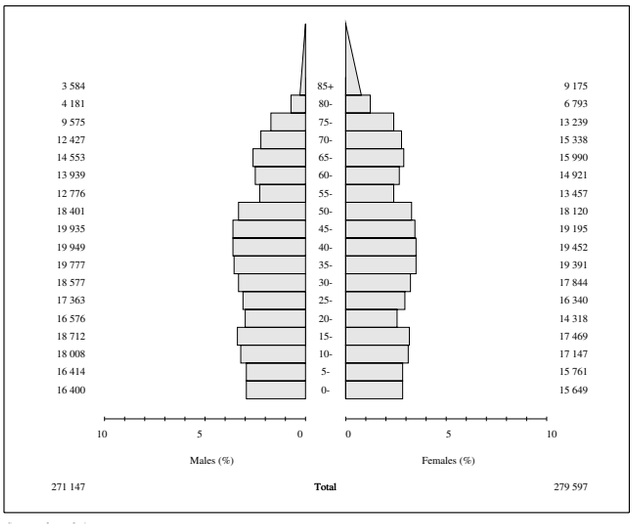
Interpreting the results
Organised breast cancer screening of the population aged 50-74 has been carried out since 1996 in Loire-Atlantique and since 2002 in Vendée.

Uses of the data
The Loire-Atlantique and Vendée Cancer Registry has produced basic descriptive data and participated in collaborative studies at a national level. It prepares an annual report of cancer incidence, highlighting trends and changes. Some special studies have been carried out (including evaluation of clinical care for breast cancer or colon cancer, and survival).

FRANCE, LOIRE-ATLANTIQUE (1998-2002)



FRANCE, VENDEE (1998-2002)



Source of population
INSEE: http://www.insee.fr.

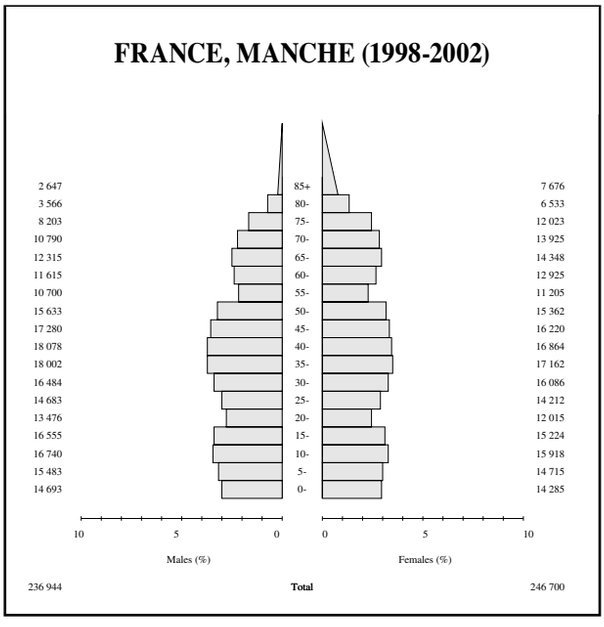
Multiple primary rules used
IACR rules (2004) on historical data.

Notes on the data
C44 not available.

France, Manche

Registration area
Situates in the area of Basse Normandie, the *département* (French administrative region) of the Manche covers 5938 km² and has 330km of coastline. It is a part of the Armorican massif and consists of three different zones: in the north the Cotentin peninsula; in the centre a formerly swampy zone, now meadows; in the south the hills of the Norman bocage, which reach 368m. The climate is of the oceanic type. The department contains 602 communes, 86% of which have fewer than 1000 inhabitants. The population is slightly older than the national average. It is mainly rural, with only 48% living in the five urban areas (of which half are in the only urban zone, Cherbourg, in the North) and density is low (81 habitants per km²).

The working population represents 43.2% of the total population. Among those employed, 47.5% are in the service sector, 19.9% in industry (predominantly farm produce), 14.4% in agriculture, 10.4% in commerce and 7.8% in building and public works. In 1999 the unemployment rate was 11.5%. The département has a low proportion of foreigners (0.8%). The economy is mainly agricultural, breeding representing 90% of this production. Fishing and tourism are developed in the coastal zones. There is an industrial area in the north, mainly the nuclear industry (nuclear waste reprocessing plant, surface storage facility for nuclear waste, power station) and shipyards.



Cancer care facilities
With 611 general practitioners and 511 specialists in 2002, the department has a low medical coverage. There are seven beds per 1000 inhabitants. The department possesses 11 public hospitals, general and local, and seven private care structures. There is no specialised cancer centre, but there are two radiotherapy units, one private in the south of the department, one public in the north which is a delocalised structure associated with the regional cancer care centre of the neighbouring department (Calvados).

Registry structure and methods
The Cancer Registry of Manche began its activities in 1994. The registry is based in Cherbourg, in the general hospital, and was created by an association of practitioners of the department. It is supported by the Ministry of Health, the Regional Council of Basse Normandie, the General Council of Manche, the local League against Cancer, communes, local associations, and industries. It is affiliated with the association of French Cancer Registries (FRANCIM).

Data collection is active in Manche and the surrounding departments. The registration of cases covers the resident population of the department of the Manche. The sources of information are regional, including 12 pathology and cytology laboratories, services of oncology, radiotherapy, paediatrics and haematology, and medical records departments of hospitals. After first notification of cases, every medical file is checked in regional, private and public, medical facilities, and then coded to ICD-O by the physician. All invasive and *in situ* cancers are registered except basal cell skin cancers. Death certificates are not used as a source of data. The registry carries out active follow-up of all cases from the municipal registry office.

The industrial characteristics of the north of the department led to the implementation of a specialised collection system for haematopoietic cancers. It consists of collection of reports from the medical biology laboratories of the department, validation by a haematologist, and records of immunophenotypic, conventional cytogenetic and molecular data, and the tumour cells are cryopreserved.

Use of the data
The Manche Cancer Registry produces basic descriptive data and participates in collaborative studies at a national and international level.

Source of population
INSEE: http://www.insee.fr.

Multiple primary rules used
IACR rules (2004) on historical data.

Notes on the data
C44 not available.

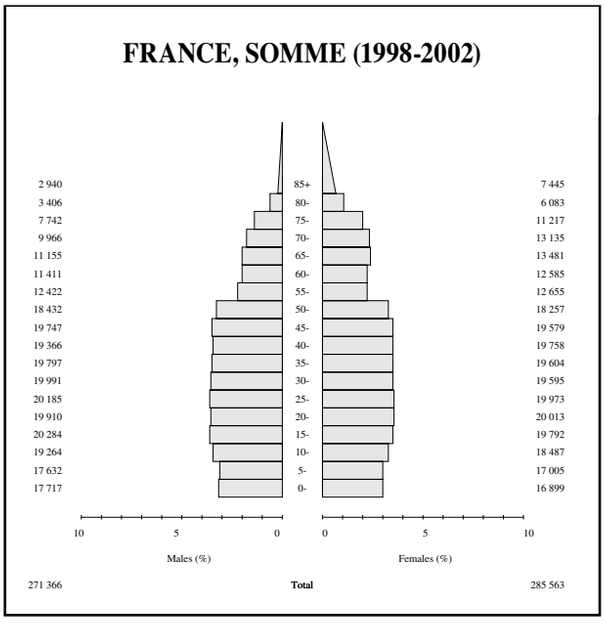
France, Somme

Registration area
Situated 140km from Paris, the Somme registry covers 6170 km^2, includes 60km of coastline and is composed of three main types of landscapes: Bocage in the West, Picardy plateau at the centre, and Santerre in the East, occupied by extensive cultures. The river Somme passes through and is bordered by ponds and marshes attracting many anglers and hunters. Tourism is developed. The Bay of Somme is a natural reserve and a landing zone for migratory birds.

The population is 41.5% rural. The West of the county is traditionally both rural and industrial, with factories producing taps and locks. There is also a large industrial area around Amiens.

The Somme Registry is the only general registry north of Paris. The population census in 2000 counted 557 121 inhabitants. Amiens is the principal town with 136 000 inhabitants; the other towns count less than 30 000 inhabitants.

The natural population increase by birthrate is +2.6% (INSEE 2003).



Cancer care facilities
There's no specialised cancer care centre in the département. Cancer care is shared by the University Regional Hospital and the general hospitals and clinics located in six towns of Somme. Ten percent of patients are treated outside the registration area in cancer care centres in Paris or Lille (to the north), or in a general hospital or clinic in Saint-Quentin and Chauny (Aisne département). Chemotherapy and radiotherapy are dispensed privately or publicly. Since about 1998 physicians groups have organised multidisciplinary examinations of patient records to improve quality of treatment and more consistently apply national consensus standards of care.

Since 1997 the regional health authority has recognised cancer as one of the priorities of the county. The registry is acknowledged to be the best tool to monitor cancer in the community.

Registry structure and methods
Somme cancer registry is managed by the "1901 law" and funded by Institut de Veille Sanitaire, Inserm, County committee of National League against Cancer and General Council. It forms part of FRANCIM network.

The registry is presided over by a Public Health Professor and counselled by another Public Health Professor; there are also an epidemiologist doctor (DM, PhD), a technical director (MSc), two inquirers/registrars and a secretary.

Cancer cases are collected by active search from listings and in medical records of about 90 sources of data. The two main sources are pathologists and medical information offices of public and private hospitals, but also registers of chemotherapy and radiotherapy in two clinics, The Regional Factory Inspectorate, Parisian hospitals administration, and regional cancer centres contribute to collection. Every year the registrars contact the outside sources and consult their records.

Cancer is not a notifiable disease in France. Identifying data are known only by registry staff. The Registry refers its work to "Commission Nationale Informatique et Libertés". Every four years the registry undergoes a quality audit by Registries National Committee.

Interpreting the results
A written agreement was signed with private pathologists and a public one in 1998, so the incidence has increased since then. There have been no changes in case definition and coding.

A screening programme for breast cancer has existed since 1990. In 1996 PSA testing was introduced, and we have likewise improved monitoring of prostate cancers.

There are no known unusual environmental, occupational exposures that may influence incidence.

Melanomas and squamous cell carcinomas of skin are not likely to be exhaustive, for many are diagnosed by non-corresponding pathologists in Paris.

Use of the data
Tables of incidence are carried out every year, and trends are produced for physicians on request. Area oncologists also receive the results of any specific studies.

Somme is a participating registry in the Eurocare project, Europreval and European Rare Cancers studies, Epilymph, and Eurodeucatam.

The Somme registry has been part of the Regional Schedule of Care organization since 1994, and a member of the Oncopic network.

Source of population
INSEE: http://www.insee.fr

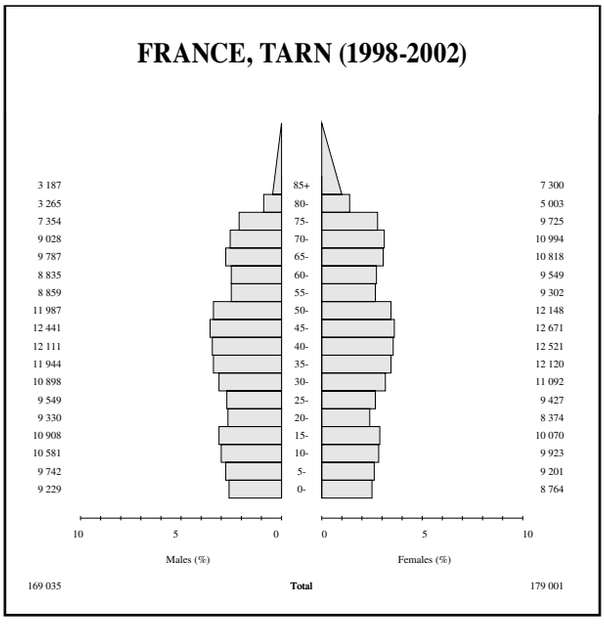
Multiple primary rules used
IACR rules (2004) on historical data

Notes on the data
C44 not available.

France, Tarn

Registration area
The department of Tarn is part of the Midi-Pyrenean region, situated in the southwest of France. It covers an area of 5758 km^2, mostly situated south of latitude 44°N and on longitude 2°E. In 1999, the population was composed of 343 402 inhabitants, with an urban/rural ratio of 1.65, and a ratio of French citizens to foreigners of 22.8. The population overall is slowly increasing (344 620 at mid-year 2000), but certain areas are undergoing quite a rapid increase while others are in recession.

The Tarn Cancer Registry was created in 1981. The arguments favouring the creation of a Registry in this department included the insufficient development of population-based cancer registries in France at this time and their absence in the Southwest, and certain characteristics of the department of Tarn such as the age-structure of its population and its relative stability with little migration, the large size of its rural population and some longstanding industries such as tanning, textiles and minerals.



Cancer care facilities
The department of Tarn is fairly autonomous in its provision of cancer care facilities. These are complemented by a cancer care network. Medical coverage is high, with 118 general practitioners and 118 specialists per 100 000 inhabitants, including four pathologists, two medical oncologists and two radiotherapists. There are four public hospitals and four private clinics in the department of Tarn. However, a few types of cancer (haematological, paediatric) are sent to the specialised services of the University Hospital or to the Regional Cancer Control Centre, both situated in Toulouse, the capital of the region.

In the department of Tarn, a programme of organised breast cancer screening has existed since 2003, and a colorectal cancer screening programme is underway. However these elements do not affect the data published here, given that the period of study is 1998-2002.

Registry structure and methods
The Tarn Cancer Registry operates as a French Law 1901 Association and is constituted by representatives of the medical and university sectors, and of the elected officials of the department and the Midi-Pyrenean region. Funding for registration activities comes from the General Council of Tarn, the departmental committee of the National League Against Cancer and the Ministry of Health. Research is funded through grants.

The staff, composed of 11 people (8.8 full-time equivalents) carries out both registration activities and research.

The search for the cases is active, and four investigators of the registry staff visit the data sources. The different laboratory, private and public hospital departments, administrative services and medical specialists in Tarn are regularly visited, with a frequency varying according to case-load in the different sources. The staff also visit Toulouse University Hospital and the Regional Cancer Control Centre. In recent years, the search for cases in public hospitals has been simplified by the existence of Medical Information Departments, which provide computerised lists of the cancer cases treated in those establishments. Name-specific death certificates are not used as a source of information, according to French law.

For each case, a notification form is completed with the medical and administrative information from the medical file. The names of the doctors involved in the diagnosis and the treatment of the patient, including primary physician, are systematically noted in order to contact them if necessary.

When the forms arrive in the registry, the secretaries first check the computing database to avoid duplicate registrations. The cases are then systematically checked in a second source by the investigators. If information is not sufficient, a questionnaire is sent to the regular doctor. These procedures allow missing information to be completed and patients with metastasis from or recurrence of a cancer diagnosed prior to 1982, or not resident in the area, to be excluded.

The medical information on the remaining cases is coded by the Medical Director of the registry, assisted by specially trained coders. The administrative data are coded by two secretaries. The data are then entered onto the computer of the registry, creating a computing file which can be updated when additional information from other sources reaches the registry. This file has been declared to the National Commission on Information and Liberty (CNIL).

Active follow-up by writing to the town halls where the patients were born and writing to the regular doctor is only carried out for cases that are the object of special studies.

Use of the data
In addition to basic descriptive epidemiology, the Tarn Cancer Registry carries out several studies, alone or in collaboration with other registries (the Association of French Cancer Registries FRANCIM and the European Network). These include estimates of the incidence and prevalence of cancer in France, the study of time trends, case–control studies and evaluation of diagnostic and therapeutic regimes for selected sites.

Source of population
INSEE: http://www.insee.fr.

Multiple primary rules used
IACR rules (2004) on historical data.

Notes on the data
C44 not available.

Germany, Federal States of Berlin, Brandenburg, Mecklenburg-Western Pomerania, Saxony-Anhalt and the Free States of Saxony and Thuringia

Registration area

The Common Cancer Registry (CCR) covers the population of the federal states Berlin, Brandenburg, Mecklenburg-Western Pomerania, Saxony-Anhalt and of the Free States of Saxony and Thuringia, all located in the east part of Germany and constituting the territory of the former German Democratic Republic (GDR), except for West Berlin. Thus, the CCR is the only cancer registry in Germany that covers several states. The population in the catchment area of the CCR is about 17.1 million inhabitants, 48.9% males and 51.1% females (2002), almost all of them being of Caucasian origin. About 59% live in urban areas (defined as population >5000 and population density >400 inhabitants per km^2).

Cancer care facilities

The territory covered by the CCR has 339 hospitals (Berlin 71, Brandenburg 47, Mecklenburg-Western Pomerania 34, Saxony-Anhalt 51, Saxony 86, Thuringia 50), most of them affiliated with a regional tumour centre. Although there are some hospitals specialising in oncology services, most of the other hospitals are involved in cancer care as well (e.g. offering special diagnostic or treatment methods). The tumour centres, however, are the focal point in cancer care. Tumour centres are specific hospitals and university hospitals specialising in diagnostics, treatment, and aftercare of cancer patients and the documentation of pertinent information. Also, general practitioners, radiotherapy departments and other specialists are involved in cancer care on an outpatient basis.

Registry structure and methods

The CCR is located in Berlin and is associated with the Senate Department for Health, the Environment and Consumer Protection (Senatsverwaltung für Gesundheit, Umwelt und Verbraucherschutz) in Berlin. The registry is funded by the contributing states according to their population size and is staffed with 1 physician, 3 mathematicians/statisticians/computer experts, 2 epidemiologists, 15 documentation or coding employees and 2 administration secretaries.

In Germany, cancer is a reportable disease. Cancer notification became mandatory in all states of the CCR (Saxony 1993, Mecklenburg-Western Pomerania 1998, Saxony-Anhalt 2000, Thuringia 2003, Berlin 2004, Brandenburg 2006). Patients are informed about the notification to the registry by the diagnosing physician.

The major sources of notification in the CCR are the regionally organised tumour centres (Tumorzentren). Tumour centres cooperate with the population-based registry in that they abstract all pertinent information from medical records of cancer cases seen in a hospital or special clinic affiliated with a tumour centre and report them to the CCR. There are about 30 tumour centres reporting to the CCR, providing >90% of all notifications per year. The remaining 10% the registry receives directly from the physician via the traditional reporting by means of notification forms. Additionally, all death certificates have been made available to the registry by local health authorities. Data of German non-residents of the CCR are exchanged with neighbouring cancer registries.

The cancer registration law from 1995 requires, for reasons of confidentiality, that all population-based registries have two independent units (in terms of space, organisation and personnel): one unit handling incoming (person identifying) notification ("Vertrauensstelle") and one unit holding the epidemiological data set and conducting the statistical analysis with the anonymised data ("Registerstelle").

Registration and quality control are performed according to the ENCR and IACR guidelines. Accuracy of the information is checked in an automated manner, in that implausible or questionable information will be identified and corrected if necessary. Annually, our data are formally evaluated on completeness by the Robert-Koch-Institute, the National Cancer Reporting Unit.

Interpreting the results

After 1989 the notification rate declined sharply due to political changes in the former GDR and the resulting lack of a legal framework for cancer registration. With the cancer registration law taking effect in 1995, the legal basis was re-established for the CCR and cancer cases were again reported to the registry. The availability of death certificates as a principal source of information on cancer cases was regulated by the cancer registration law. Since 1995, the number of reported cancer cases has steadily increased, while the percentage of DCO cases is decreasing. Note that although cancer is a reportable disease, it became mandatory only recently for some of the states of the CCR (see above).

There are opportunistic screening programmes for colorectal, prostate, cervical and female breast cancer and for skin melanoma. Data on testing for PSA are not available, but it is increasing in this population.

In the past there were some unusual occupational exposures of radon for employees in the Wismut mining area (West Saxony and East Thuringia), as well as unusual environmental exposures of radon in houses which might still be a problem in parts of this area today.

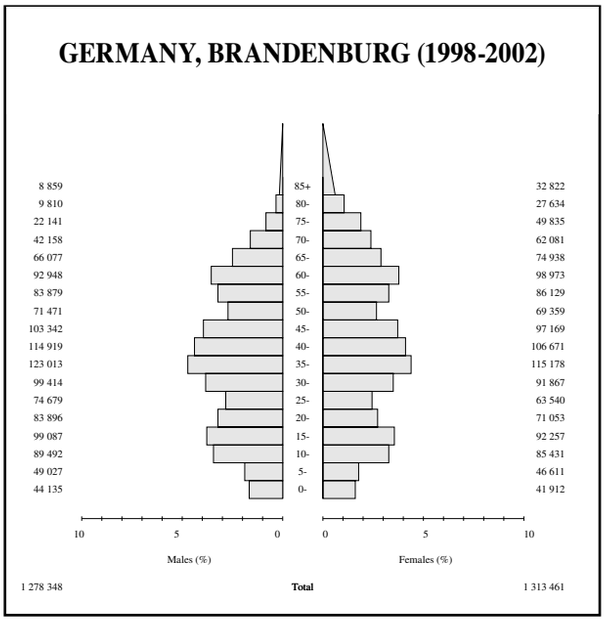
Use of the data

CCR data have been used for health services planning and for epidemiological research. Linkage with the CCR was performed for case–control and cohort studies. Annual reports on cancer incidence and mortality are published for the entire population of the CCR. In addition, state-specific reports are prepared on request. In cooperation with the association of population based cancer registries in Germany (GEKID) and the Robert-Koch-Institute, the data are pooled for nation-wide analyses.

Germany, Brandenburg

Registration area
The state of Brandenburg is one of the six states covered by the Common Cancer Registry (CCR) and is located in the North-East of Germany. The population of Brandenburg is about 2.6 million inhabitants, 49.4% males and 50.6% females (2002), almost all of them being of Caucasian origin. About 48% live in urban areas (defined as population >5000 and population density >400 inhabitants per km^2).

Cancer care facilities
In Brandenburg there are 47 hospitals, most of them affiliated with one of the regional tumour centres (see below). The state of Brandenburg has five tumour centres, located in the cities of Cottbus, Frankfurt/Oder, Neuruppin, Potsdam and Schwedt. Although there are some hospitals specialising in oncology services, most of the other hospitals are involved in cancer care as well (e.g. by offering special diagnostic or treatment methods). The tumour centres, however, are the focal point in cancer care. Tumour centres are specific hospitals and university hospitals specialising in diagnostics, treatment, and aftercare of cancer patients and the documentation of pertinent information. Also, general practitioners, radiotherapy departments and other specialists are involved in cancer care as they see cancer patients in an outpatient setting.



Registry structure and methods
For a description of the structure of the registry, please refer to the general narrative for the CCR.

In Brandenburg, cancer is a reportable disease. However, cancer notification became mandatory only recently (2006). Patients are informed about the notification to the registry by the diagnosing physician.

The major sources of notification in Brandenburg are the regionally organised tumour centres (Tumorzentren). The tumour centres abstract all pertinent information from medical records of cancer cases residing in the state of Brandenburg seen in a hospital or special clinic affiliated with a tumour centre and report them to the CCR. The tumour centres provide 99% of all notifications per year. Thus, the registry receives only 1% of the notifications directly from the physician via traditional reporting by means of notification forms. Additionally, all death certificates have been made available to the registry by local health authorities. Data on German non-residents of the CCR are exchanged with neighbouring cancer registries.

Interpreting the results
After 1989 the notification rate in Brandenburg declined sharply due to political changes in the former GDR and the resulting lack of a legal framework for cancer registration. With the cancer registration law taking effect in 1995, the legal basis for cancer registration was re-established and cancer cases were again reported to the registry. The availability of death certificates as a principal source of information on cancer cases was regulated by the cancer registration law. Since 1995, reported cancer cases from Brandenburg have been steadily increasing, while the percentage of DCO cases is decreasing. Note that although cancer is a reportable disease, it became mandatory only recently for the state of Brandenburg (see above).

There are opportunistic screening programmes for colorectal, prostate, cervical and female breast cancer and for skin melanoma. Data on testing for PSA are not available, but it is increasing in this population.

We are aware of no unusual environmental and/or occupational exposures in Brandenburg.

Use of the data
Brandenburg cancer data have been used for health services planning and for epidemiological research. Linkage with the CCR was performed for case-control and cohort studies. Annual reports on cancer incidence and mortality are prepared. In cooperation with the association of population based cancer registries in Germany (GEKID) and the Robert-Koch-Institute, the data are pooled for nation-wide analyses.

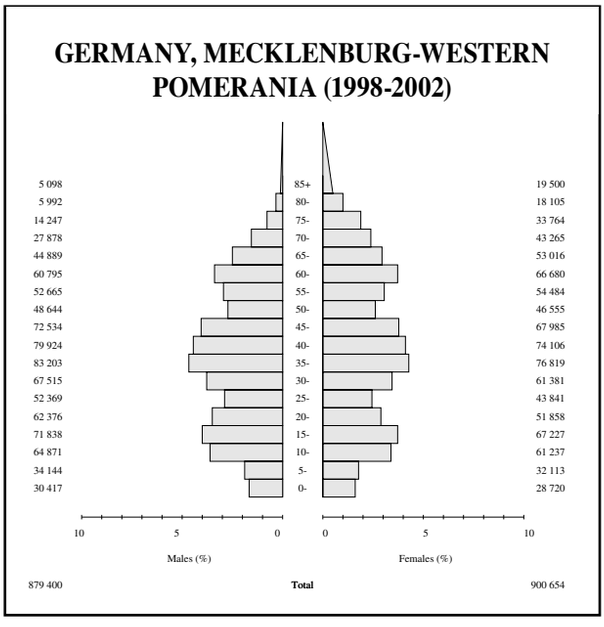
Source of population
The estimate of the population at risk is based on an extract from the central residents' registration office on 3 October 1990, which is annually updated with the results of the statistics of births, deaths and migration. Source: Statistisches Amt der Länder.

Multiple primary rules used
IACR rules (2004) on CI5 IX period

Germany, Mecklenburg-Western Pomerania

Registration area
The state of Mecklenburg-Western Pomerania is one of the six states covered by the Common Cancer Registry (CCR) and is located in the North-East of Germany. The population of Mecklenburg-Western Pomerania is about 1.8 million inhabitants, 49.5% males and 50.5% females (2002), almost all of them being of Caucasian origin. About 36% live in urban areas (defined as population >5000 and population density >400 inhabitants per km^2).

Cancer care facilities
In Mecklenburg-Western Pomerania there are 34 hospitals, most of them affiliated with one of the regional tumour centres (see below). The state of Mecklenburg-Western Pomerania has four tumour centres, located in the cities of Greifswald, Neubrandenburg, Rostock and Schwerin. Although there are some hospitals specialising in oncology services, most of the other hospitals are involved in cancer care as well (e.g. by offering special diagnostic or treatment methods). The tumour centres, however, provide a focal point in cancer care. Tumour centres are specific hospitals and university hospitals specialising in diagnostics, treatment, and aftercare of cancer patients and the documentation of pertinent information. Also, general practitioners, radiotherapy departments and other specialists are involved in cancer care, as they see cancer patients in an outpatient setting.



Registry structure and methods
For a description of the structure of the registry, please refer to the general narrative for the CCR.

In Mecklenburg-Western Pomerania, cancer is a reportable disease. In 1998, cancer notification became mandatory in this state. Patients are informed about the notification to the registry by the diagnosing physician.

The major sources of notification in Mecklenburg-Western Pomerania are the regionally organised tumour centres (Tumorzentren). The tumour centres abstract all pertinent information from medical records of cancer cases residing in the state of Mecklenburg-Western Pomerania seen in a hospital or special clinic being affiliated with a tumour centre, and report them to the CCR. The tumour centres provide 95% of all notifications per year. The remaining 5% the registry receives directly from the physician via the traditional way of reporting by means of notification forms. Additionally, all death certificates have been made available to the registry by local health authorities. Data of non-residents of the CCR are exchanged with German neighbour cancer registries.

Interpreting the results
After 1989 the notification rate in Mecklenburg-Western Pomerania declined sharply due to political changes in the former GDR and the resulting lack of a legal framework for cancer registration. With the cancer registration law taking effect in 1995, the legal basis for cancer registration was re-established and cancer cases were again reported to the registry. The availability of death certificates as a principal source of information on cancer cases was regulated by the cancer registration law. Since 1995, the number of reported cancer cases from Mecklenburg-Western Pomerania has been steadily increasing, while the percentage of DCO cases is decreasing.

There are opportunistic screening programmes for colorectal, prostate, cervical and female breast cancer and skin melanoma. Data on testing for PSA are not available but it is increasing in this population.

We are not aware of any unusual environmental and/or occupational exposures in Mecklenburg-Western Pomerania.

Use of the data
Mecklenburg-Western Pomerania cancer data have been used for health services planning and for epidemiological research. Linkage with the CCR was performed for case-control and cohort studies. Annual reports on cancer incidence and mortality are prepared. In cooperation with the association of population based cancer registries in Germany (GEKID) and the Robert-Koch-Institute, the data are pooled for nation-wide analyses.

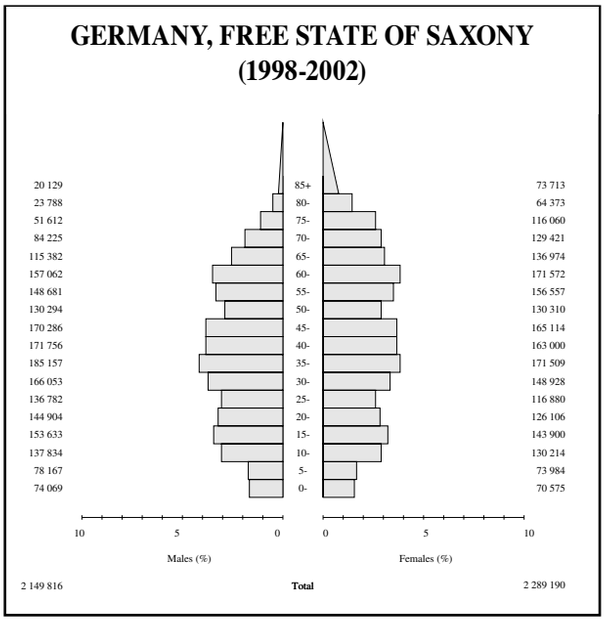
Source of population
The estimate of the population at risk is based on an extract from the central residents' registration office on 3 October 1990, which is annually updated with the results of the statistics of births, deaths and migration. Source: Statistisches Amt der Länder.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Germany, Free State of Saxony

Registration area
The state of Saxony is one of the six states covered by the Common Cancer Registry (CCR) and is located in the East of Germany. The population of Saxony is about 4.4 million inhabitants, 48.5% males and 51.5% females (2002), almost all of them being of Caucasian origin. About 57% live in urban areas (defined as population >5000 and population density >400 inhabitants per km^2).

Cancer care facilities
In Saxony there are 86 hospitals, most of them affiliated with one of the regional tumour centres. The state of Saxony has five tumour centres, located in the cities of Chemnitz, Dresden, Görlitz, Leipzig, and Zwickau. Although there are some hospitals specialising in oncology services, most of the other hospitals are involved in cancer care as well (e.g. by offering special diagnostic or treatment methods). The tumour centres, however, are the focal point in cancer care. Tumour centres are specific hospitals and university hospitals specialising in diagnostics, treatment and aftercare of cancer patients and the documentation of pertinent information. Also, general practitioners, radiotherapy departments and other specialists are involved in cancer care, as they see cancer patients in an outpatient setting.



Registry structure and methods
For a description of the structure of the registry, please refer to the general narrative for the CCR.

In Saxony, cancer is a reportable disease. In 1993, cancer notification became mandatory in this state. Patients are informed about the notification to the registry by the diagnosing physician.

The major sources of notification in Saxony are the regionally organised tumour centres (Tumorzentren). The tumour centres abstract all pertinent information from medical records of cancer cases residing in the state of Saxony seen in a hospital or special clinic affiliated with a tumour centre and report them to the CCR. The tumour centres provide 93% of all notifications per year. The remaining 7% the registry receives directly from the physician via the traditional reporting by means of notification forms. Additionally, all death certificates have been made available to the registry by local health authorities. Data of German non-residents of the CCR are exchanged with neighbouring cancer registries.

Interpreting the results
After 1989 the notification rate in Saxony declined sharply due to political changes in the former GDR and the resulting lack of a legal framework for cancer registration. With the cancer registration law taking effect in 1995, the legal basis for cancer registration was re-established and cancer cases were again reported to the registry. The availability of death certificates as a principal source of information on cancer cases was regulated by the cancer registration law. Since 1995, the number of reported cancer cases from Saxony has been steadily increasing, while the percentage of DCO cases is decreasing.

There are opportunistic screening programmes for colorectal, prostate, cervical and female breast cancer and for skin melanoma. Data on testing for PSA are not available, but it is increasing in this population.

In the past there were some unusual occupational exposures of radon for employees in the Wismut mining area (West Saxony), as well as unusual environmental exposures of radon in houses which might be still a problem in parts of this area today.

Use of the data
Saxony cancer data have been used for health services planning and for epidemiological research. Linkage with the CCR was performed for case–control and cohort studies. Annual reports on cancer incidence and mortality are prepared. In cooperation with the association of population based cancer registries in Germany (GEKID) and the Robert-Koch-Institute, the data are pooled for nation-wide analyses.

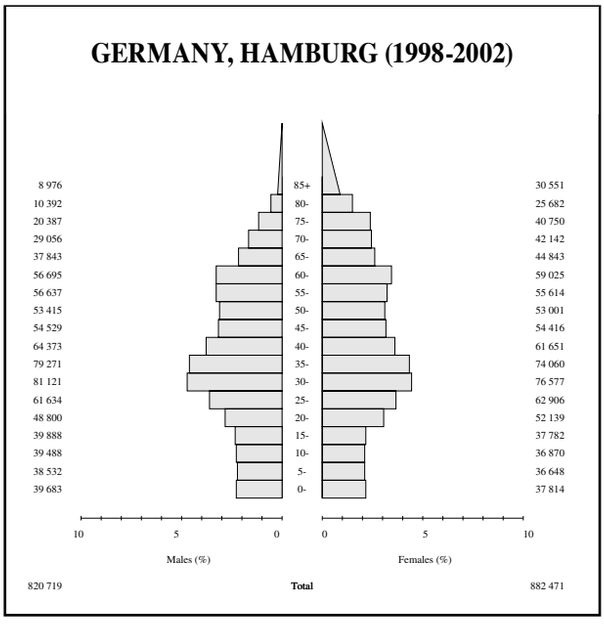
Source of population
The estimate of the population–at–risk is based on an extract from the central residents' registration office on 3 october 1990 which is annually updated with the results of the statistics of births, deaths and migration. Source: Statistisches Amt der Länder.

Multiple primary rules used
IACR rules (2004) on CI5 IX period

Germany, Hamburg

Registration area
With 1.7 million inhabitants, the Free and Hanseatic City of Hamburg is the second-largest city in Germany and one of the 16 federal states. The city area comprises 755 km², 14% of which are covered by green spaces, water and recreational areas. Hamburg is one of the world's major trade centres. Its port is the central hub for trade with Eastern and Northern Europe, supplemented by important rail and motorway connections. The predominantly urban area shows highly specialised industries, particularly medical devices, biotechnology and aircraft industry. With 11 universities, higher education is a main focus.

Cancer care facilities
Being a metropolitan area, the medical infrastructure in the city of Hamburg is above-average. Medical care is provided by a complex healthcare system including 3600 general practitioners and specialists, and 53 hospitals including a university hospital. The main institutions of specialised cancer care are about 10 hospital departments and 8 oncological practices, the latter including in- and outpatient settings. These are supplemented by numerous diagnostic, therapeutic and supporting facilities, such as laboratories, pathology units, radiology and radiotherapy institutions and psychosocial services. Up to 25% of oncological patients reside outside of Hamburg.



Registry structure and methods
Having started between 1926 and 1929, the Hamburg Cancer Registry (HCR) is one of the oldest population-based cancer registries of the world. During the Second World War the reporting process stopped, and again paused in the 1980s because of a general controversy on data protection in Germany. Since 1985 the HCR has been based on a specific law with two essential elements: the principle of informed consent from the patient and voluntary cooperation on the physician's side. Since 1991 notifications are remunerated.

The state health authority, staffed with four scientists, two computer experts and six documentation and coding employees, runs the HCR. Additional project equipment is provided by the Hamburg cancer society.

Traditionally the physicians in hospitals report by means of notification forms. Pathologists provide a partly filled notification form to be completed by the attending physician. Electronic data transmission is now realised by providing purpose-developed software to the cooperating practitioners. This software transfers data from the surgery's software into an electronic notification form completed on screen by the physician. A rising number of hospitals are supplied with facilities to enable electronic notifications as well.

In addition, all death-certificates are made available to the cancer registry staff for evaluation and trace back. The procedure of matching the HCR-data with information kept in residential registry offices was started in 2004. The step was a one-time check of 75 000 cases without date of death. Since then the update has been done monthly. Many plausibility tests are done, and a "Best-of tumour information" is generated in case of multiple notifications of a single malignancy.

Interpreting the results
Since 1995 the number of notifications to the HCR has doubled while the DCO rate has declined significantly. Completeness is independently reviewed by the Robert Koch Institute based on the M/I index, having been estimated in 2005 as sufficiently complete. Nevertheless quality differs considerably concerning site and year of diagnosis.

Although methods of early detection are used widely (e.g. Pap smear, PSA, mammography) it is impossible to quantify their numbers and to estimate their influence on incidence rates.

Use of the data
Comprehensive reports on cancer incidence and mortality in Hamburg are published every third year. In addition, in 2004 the HCR started publishing data online (www.krebsregister.hamburg.de). Routine reports cover data on incidence and mortality. In 2005 we began including survival analysis for clinical use.

In cooperation with the Association of population-based cancer registries in Germany (GEKID) and the Robert-Koch-Institute (RKI) the data are pooled and documented in *Krebs in Deutschland*.

The HCR both initiates and participates in various research projects, for instance risk factors for breast carcinoma, regional analysis of incidence concerning leukaemia and lymphoma, feedback on long-term survival to notifying institutions, acute and post-traumatic stress disorder in breast cancer patients.

One current project is the multi-centre MARIE- Study (Postmenopausal Hormone Replacement Therapy and breast cancer risk). The HCR also collaborates with the hospital planning unit of the Ministry of Health in Hamburg in the assessment of numbers of cancer cases given from the hospitals, and is involved in the evaluation of mammography screening.

Source of population
Projection (Statistical office for Hamburg and Schleswig–Holstein, http://www.statistik–nord.de).

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

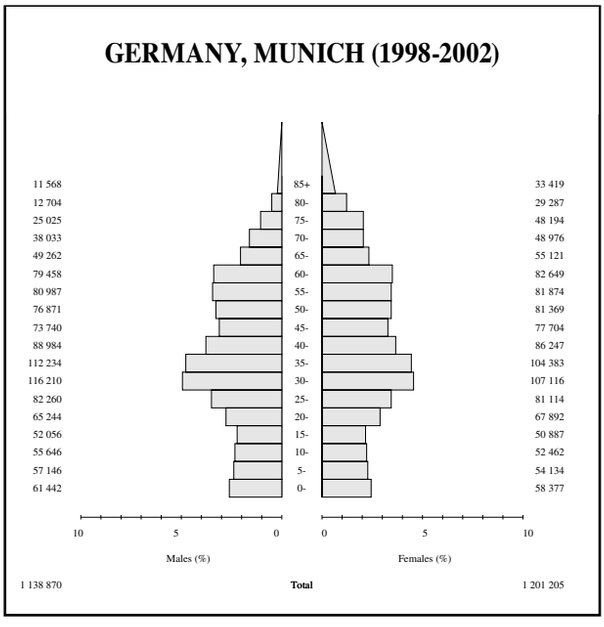
Germany, Munich

Registration area

Munich is the capital of the federal state of Bavaria, one of sixteen states of the Federal Republic of Germany (Munich City: latitude 48°8' N, longitude 11°34' E, 519m above sea level, area 310km^2). With its 1.3 million inhabitants, Munich is Germany's third-largest city, located in the southeast of the country about 50km north of the Alps.

The Munich Cancer Registry (MCR) covers the population of the City of Munich and 7 surrounding districts, in total 2.3m inhabitants, 56% living in Munich City. About 23% of the inhabitants are foreigners, 8.6% from the EU. Most of them come from Turkey (3.4%), and from Croatia, Serbia, Greece, Austria and Italy each with about 1.7%. Most work in the service and trade sector and in growth industries such as media, information and communication technology, the financial industry and biotechnology. Munich is Germany's second-largest university city.

In 1998, legislation was passed authorising population-based cancer registration in Bavaria. The registration system in Bavaria for a total of 12.4m people, based at the Munich Cancer Centre and five other comprehensive cancer centres, has been centralised to further improve the collection and processing of cancer data. Since 2007 the MCR has covered the entirety of Southern Bavaria, with 4.4m inhabitants.



Cancer care facilities

Hospitals and private practitioners provide health care in the region. There are two university hospitals in the city of Munich. All necessary diagnostic and treatment services are available to deliver healthcare according to international standards. The population-based stage distributions and treatment results show international comparability. All hospitals cooperate in the comprehensive Munich Cancer Centre.

The MCR supports networking in oncology by compiling cancer data from all sources. Presentation of individual and aggregated data is offered to the closed community of cooperating doctors.

Registry structure and methods

As part of the comprehensive Munich Cancer Centre, the MCR started registering patients in 1978. In the first years a few departments of the Ludwig-Maximilians-University and the Technical University Munich collaborated. There are now 39 hospitals in Munich, and 11 hospitals from the surrounding districts taking part in the MCR. The number of cooperating institutions and the catchment rate has reached a steady state and guarantees a high coverage rate.

Notification is on a voluntary basis, and no legal duty is imposed upon doctors to report cancer cases. Hospitals send cancer-specific forms with pre-coded data on an individual level, including identifying items for each primary malignancy. Additionally, collaborating hospitals report on local and regional progressions and on the occurrence of metastases. These data are important outcome criteria for clinicians and are used for evaluating therapeutic strategies and for quality control.

Since 1994, the 12 pathological services have been sending copies of the reports for malignant diagnoses to the MCR. The histological verification rate for almost all prognostic favourable types of cancer is 95%.

The Bavarian Cancer Registration Law allows the MCR to process all death certificates in the catchment area. Information from death certificates has been compared with registry data on an individual level since 1998. This has revealed a noteworthy underreporting for prognostically unfavourable cancer sites like pancreas, liver, gallbladder, CNS and lung. Remarkably, the age-standardised mortality rate for lung cancer in Munich is about 30% lower than the overall rate for Germany, corresponding to a high social status and low rate of smoking.

Haematological diseases are underreported. For the other cancer sites, a remarkable incidence rate could be obtained without involvement of DCO-cases and without including follow-back results. The impact on success of motivation to join the MCR can be assessed by analysing the stable incidence rate from 342.5/266.4 in 1998 to 361.7/ 271.0 in 2002 (male/female, world standard, without 174/C44).

In 2002 we handled about 29 000 pathological reports, 36 000 death certificates and 50 000 other forms and reports. Additionally, life status was verified by more than 100 000 requests at Resident's Registration Offices. This paperwork is done by 13 documentation officers. In addition three scientists are responsible for organisation, statistics and computer technology.

In Germany, cancer screening is offered but the participation rate varies widely between men and women, according to their age. Medical examination includes palpation of breast, cervical smear, haemoccult test and palpation of prostate, with a high rate of self-initiated PSA tests at the patients' own expense.

Use of the data

The MCR analyses cancer incidence and mortality concerning secular and regional aspects. Survival rates are calculated for the different cancer sites. Results are used to answer important questions, e.g. concerning quality assurance in health care. Additionally, the MCR releases periodical reports via Internet for all cooperating hospitals

to keep them permanently informed about the medical data they have provided.

Many of the most frequent cancer diagnoses are analysed in detail. Routine statistics show comparisons to the recommendations of guidelines with hints to those patients for whom the standards are not realised. The larger hospitals are informed about their own results, main outcome criteria are compared anonymously with the other hospitals. Some of the data are available for the scientific community on the internet (www.tumorregister-muenchen.de).

Source of population
2000. Postcensal estimate.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Germany, North Rhine-Westphalia: Münster

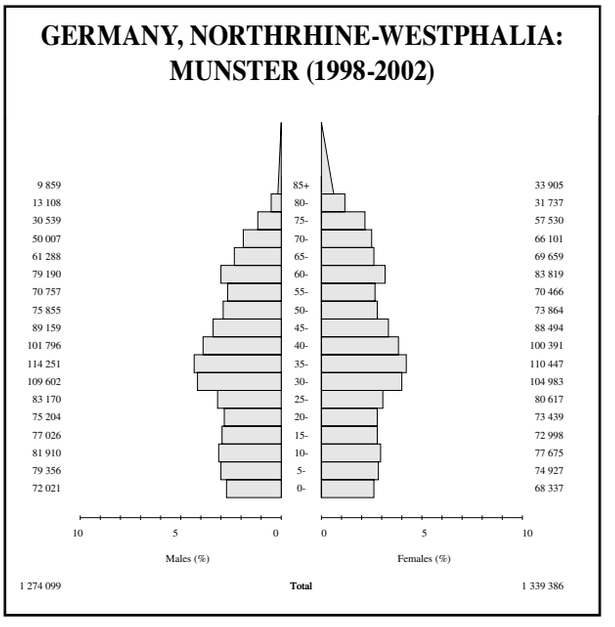
Registration area
The Muenster District (Regierungsbezirk) is a region of the Federal State of North Rhine-Westphalia (NRW). It is located in the north-west of Germany bordering the Netherlands. The population of Regierungsbezirk Muenster was 2 625 637 in 2002, with 48.8% males and 51.2% females and a population density of 379 inhabitants per km^2. The District encompasses rural areas as well as large industrial areas and cities. The great majority of the population are Caucasians. The Muenster Registry was the only cancer registry in NRW until 2005, when it was transferred into the Epidemiologisches Krebsregister Nordrhein-Westfalen, a new epidemiological cancer registry now covering the entire state of North Rhine-Westphalia.

Cancer care facilities
Cancer diagnosis and treatment in Regierungsbezirk Muenster are carried out by hospitals and specialists. There are 63 hospitals with more than 20 000 beds in the registration area. Morphological examinations and diagnoses are performed in 14 pathological institutes, one specialising in neuropathology and five in dermatohistology. Radiology services are provided by departments in numerous hospitals.

Registry structure and methods
The registry was established in 1985 and was completely funded by the State Ministry of Health. Full-time personnel comprise two senior scientists for data management and analysis, one epidemiologist, and four medical records clerks. A consultant from the Institute of Epidemiology and Social Medicine of the University of Muenster accompanies the registry.

Cancer notification requires the signed consent of patients. The sources of notification for the Muenster registry include hospitals, outpatient departments and private practitioners. Since 1998 the registry has included reports from pathologists with anonymised personal identifiers. Follow-up of patients is largely passive. Annually, the register database is linked with death certificates from the district. Follow-back is pursued if patients were initially identified in the register by death certificate.

Interpreting the results
The catchment area has remained unchanged over the reporting period. Likewise, the diagnostic and therapeutic facilities developed in line with the general medical progress in Germany. Coding has been performed according to ICD-10 and the ICD-O-3 guidelines throughout the period. No organised population-wide cancer screening programmes have been established, although opportunistic mammography, colonoscopy, skin inspection and PSA testing are rather common.



Use of the data
The registry prepares regular annual reports of cancer incidence and mortality. More detailed reports of trends and survival are prepared infrequently for specific entities (e.g. breast, leukaemia, malignant melanoma and prostate cancer). Data are also provided by an interactive database via Internet. The registry contributes frequently to the official Health Report System in North Rhine-Westphalia.

Source of population
Census.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

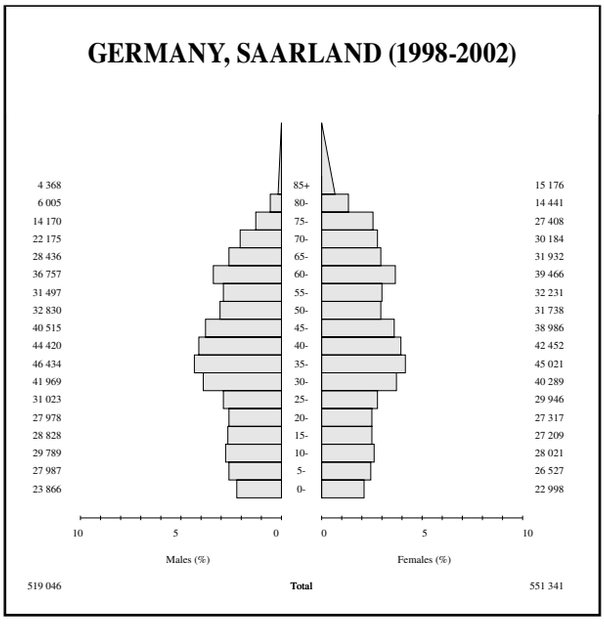
Germany, Saarland

Registration area

The Saarland Cancer Registry covers the population of the Federal State of Saarland. Located in the south-west of Germany between latitudes $49^0$38' and $49^0$07' and longitudes $6^0$21' and $7^0$24', bordering France and Luxembourg, Saarland is the second-smallest state in Germany. The area amounts to 2569 km^2 of hilly country with altitudes ranging from 150 to 695m above sea level. Saarland lies in the cooler part of the temperate zone, occupying an intermediate position between the oceanic climate in the west and the continental climate of the east. The average annual temperature is about 10^0 C. Average annual rainfall is about 1050 L/m^2.

The administrative structure consists of five counties and one metropolitan area, comprising 52 communities altogether.

The population of the Saarland is 1 070 102 (in 2000); 48.5% are males and 51.5% females, at a density of 417 inhabitants/km^2. Some 52.9% live in 13 conurbations of more than 20 000 inhabitants. Life expectancy for males is 75.0 years and 80.5 years for females. The overwhelming majority (72.7%) are Roman Catholic, with 21.7% Protestants and 5.6% with other/no religious affiliation. Of the total population, 92.5% are German and 7.5% possess foreign nationality. About 47.8% of Saarland residents are married, 36.8% unmarried and 15.4% widowed or divorced. The economically active population, 46.1% of the total, is employed in production industries (32.7%), distribution, transport and communications (23.6%), agriculture, forestry and fisheries (1.0%) and other sectors/ services (42.7%).



Cancer care facilities

Cancer treatment is carried out by both hospitals and private physicians. Treatment at the hospital level in Germany has been coordinated under a governmental programme structured on several levels. The 'Tumorzentren' (tumour centres involved in both research and treatment) cover large regions and are connected with big university hospitals. In the Saarland area there is one Tumorzentrum and one big university clinic. A series of regional hospitals dedicate considerable personnel and funds to cancer treatment. A small number of private oncological practices provide diagnostic and aftercare structures.

There are 27 hospitals with 8060 beds in the registration area. Hospitals comprise 144 special medical departments including four radiotherapeutic units. Morphological examinations and diagnoses are performed in eight pathological institutes, one specialising in neuropathology.

Registry structure and methods

The registry was established in 1967 in the State Statistical Office and is based on the Saarland Law on Cancer Registration, whose first edition came into force in 1979. A new, completely revised Saarland Law on Cancer Registration regulating and improving the use of personal data for epidemiological research, came into force in April 2002. Since April 2000 the registry has been an integrated unit of the Ministry of Public Health. Until 1999, it was financed by the Government of Saarland and by regular subsidies from the Federal Ministry of Health. Since 2000, it has been completely funded by Saarland State. Two full-time officers of health holding a university degree, two full-time registrars and three half-time clerks are affiliated with the registry.

The basic system of registration is centralised collecting of individual records including personal identifiers, which do not require the written formal consent of the registered patients. Notification is compulsory since 2002. Hospitals, physicians and persons acting on their behalf are obliged to report all newly diagnosed and treated cancer cases. In principle physicians must inform patients on the reporting to the registry, but there are some derogations. Patients have a right to withdraw from registration, but in practice withdrawal is extremely rare. Sources of information are hospitals, outpatient departments, pathology and radiotherapy departments and private practitioners. Death certificates are also used, and traced back when necessary.

Due to restrictive legal regulations, follow-up of patients is largely passive. Though all physicians treating cancer patients are generally requested to report any serious change in a patient's health status, the registry is not allowed to conduct further enquiries. The files of the registered cases are linked annually with all death certificates.

Interpreting the results

Early detection and population screening activities in Germany started in 1971. Since programme restructuring in 1982, the population has been screened for cervix, breast, rectal and skin cancer. All tests are offered annually to eligible population groups, but there was no individually organised invitation by letter with location and time of testing. To date (September 2006) there is no regular PSA testing for men in Germany. Organised mammography screening for women from 50 to 69 years of age is currently to be established in all federal states of Germany.

Use of the data

The registry prepares annual reports of cancer incidence and mortality, and provides an interactive database (www.krebsregister.saarland.de) on the Internet. The registry carries out descriptive and analytical epidemiological studies, independently and in national and international collaborations.

Source of population

Estimate based on the 1987 census, making allowance for births and deaths, as well as for migration into and out of the registration area.

Multiple primary rules used

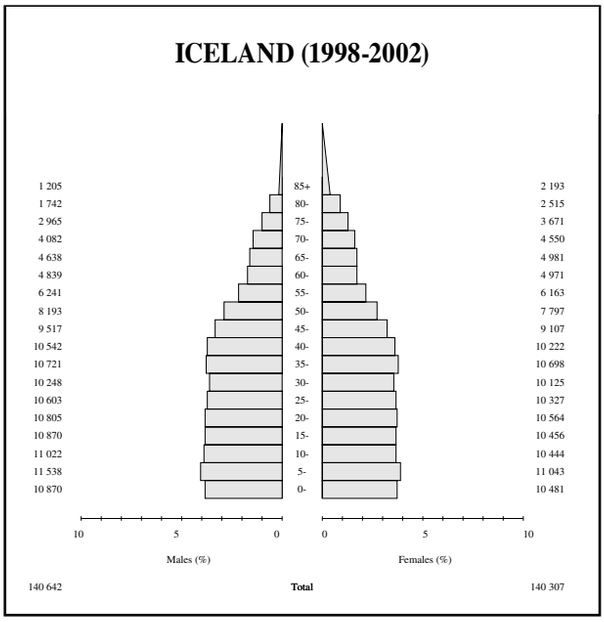
IACR rules (2004) on CI5 IX period.

Iceland

Registration area
The Icelandic Cancer Registry is a population-based nationwide cancer registry covering the whole of the Icelandic population. Iceland is located in the middle of the North Atlantic Ocean between 64°–68°N and 14°–24°W. The geographical size of the country is 103 000 km^2. The Icelandic population is around 300 000 inhabitants.

Around 80% of the population is urban, and the urban population is mostly located in the southwest part of Iceland. The population ethnicity is northern European, and the religion is Christian Protestantism for the vast majority of the population.

Cancer care facilities
Patients in Iceland have easy access to physicians, whether in primary health care or consulting in a specific field of medicine. The healthcare system is a socialised system and the proportion of the cost of the healthcare burden laid on the individual or his private insurance is minimal.



Imaging facilities are available with highly sophisticated techniques both in the major hospitals and in private practice. There are four pathology laboratories in the country, one of which is purely for dermatopathology, and all of those provide the Cancer Registry with their valuable information. There are also well-equipped haematology and biochemical laboratories as well as a cytogenetic laboratory available for various investigations of patients. Cancer surgery in Iceland is for the most part limited to two hospitals, although minor surgical operations are performed both in private offices and in smaller hospitals. Specialised work on cancer treatment like neurosurgery and radiation treatment of cancer is centralised at Landspitalinn–University Hospital in Reykjavik.

A nationwide screening programme for cervical cancer has been operating since 1964 and for breast cancer since 1987. It has been decided that Iceland shall take up nationwide colorectal cancer screening in the near future. It is quite common for men above the age of 50 to have their PSA levels measured.

Registry structure and methods
At the request of the Director General of Health the Icelandic Cancer Society undertook in 1954 to establish and run a cancer registry. It has ever since been located at and run by the Icelandic Cancer Society. In recent years the Society has received a subsidy towards the cost of running the registry from the Icelandic government. A new law was enacted in 2007 which makes cancer registration in Iceland compulsory.

The core staff consists of a medical director, a managing director, two registrars, a computer technician, a data manager and a statistician. In addition there are part-time positions for 1–2 researchers.

The sources of data for the cancer registration are the pathology and haematology laboratories, all hospital departments and healthcare facilities. Registrations are also received from private-practicing consultants. Incomplete information is followed up by contact with the aforementioned institutions and individuals. The majority of the data is received in electronic form.

The first information on cancer cases in most instances (>95%) comes from pathology laboratories. Further information is then requested from all those who are likely to give additional details if needed.

The Icelandic Cancer Registry receives information from all death certificates from Statistics Iceland, where there is a mention of a malignant disease. The registry further checks this information and additional information called for if needed.

Periodically, all registration for each site is checked and discrepancies are further investigated. The IARC check program is used.

Use of the data
Figures on incidence, prevalence and survival are published every year in the yearbook of the Icelandic Cancer Society as well as on the home page of the Icelandic Cancer Registry (www.cancerregistry.is). The registry staff is actively engaged in epidemiological research on cancer, and the registry is also the source of data for such research conducted by others. The Icelandic Cancer Registry in addition provides information to assist public health officials in planning for both the prevention and treatment of cancer.

Source of population
The population–at–risk derives from the Icelandic National Roster, in operation since 1952 and regularly updated for births, deaths and migration.

Multiple primary rules used
IACR rules (2004) on historical data.

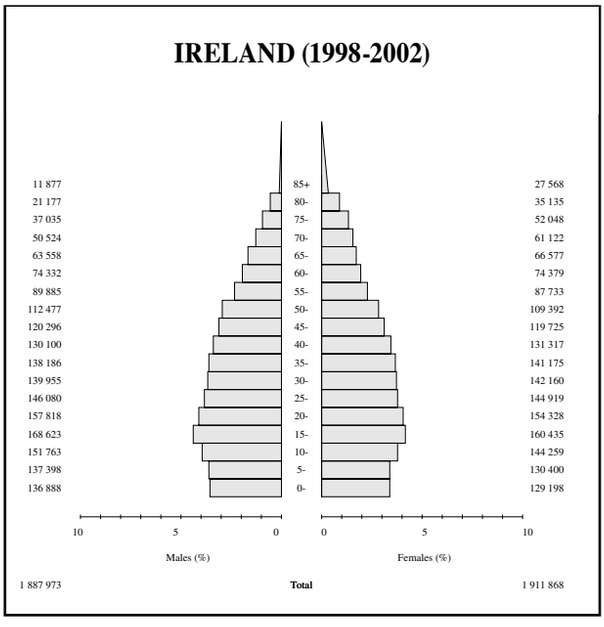
Notes on the data
C44 does not include basal cell carcinoma.

Ireland

Registration area
The catchment area of the National Cancer Registry is the Republic of Ireland. A separate registry covers Northern Ireland.

The Republic of Ireland is situated between 51°30' and 55°30' N and between 6°0' and 10°40' W. The total land area is 70 282 km^2, comprising 83% of the island of Ireland, with a long indented coastline of 3169km. The highlands are mainly coastal, with a central limestone plain, and the country does not rise above 1040m at any point. The climate is temperate and oceanic, with average winter temperatures between 4°C and 7°C, and summer temperatures between 14°C and 16°C. Yearly rainfall is highest on the mountains of the west and lowest in the east midlands.

The population at the 2002 census was 3 917 203 (1 946 164 males and 1 971 039 females). The population is predominantly native-born and Caucasian, but information on ethnicity is not collected either at census or by the Registry. Most of the population (88% at the 2002 census) are Roman Catholic. In 2002, 40% of the population lived in rural areas (centres with fewer than 1500 inhabitants).



Cancer care facilities
Cancer patients in Ireland can avail of either private or public health care. All public and private hospitals allow the Registry full access to case information. The majority of cancer patients (about 84% of incident cases) attend public hospitals. There are two main publicly-funded radiotherapy centres in Ireland, located in Dublin and Cork, and two smaller private centres both in Dublin. Almost all cancer treatment is provided within the country.

No co-ordinated screening programmes existed in Ireland in the period 1994–2000, but breast screening began in 2000 and by the end of 2002 covered approximately 50% of the population. It is hoped to have full population cover by the end of 2007. Opportunistic but unorganised cervical screening has existed for many years, but it is not possible to estimate the proportion of the population covered. In October 2000 the first phase of a national cervical screening program was established in one region of the country. PSA testing is common in the population.

Registry structure and methods
The National Cancer Registry was founded in 1991 and began collecting population-based cancer incidence data for the entire country in 1994. In 1991 it took over the functions of the Southern Tumour Registry, which had provided population-based registration for about one sixth of the country since 1975.

The Registry is administered by the National Cancer Registry Board, whose members are mainly medical practitioners, and is fully funded by the Department of Health and Children. The Registry has a staff of 42, 22 of whom are engaged in active data collection.

Reporting of cancer cases is not obligatory, and the Registry collects most of its information through active casefinding and data abstraction. Most notifications come from pathology departments, with a smaller number from other hospital sources, death certificates and GPs.

The Registry has full access to all death certificates issued in Ireland since 1994, and uses these for case-finding and follow-up. Death certificates are followed up with the hospital of death or the certifying doctor if the cancer is not already registered. Unconfirmed death certificates are registered as death certificate only (DCO). At present the Registry does not carry out active follow-up.

All data is extracted directly onto laptop computers and no paper forms are generated. The ICD-O-2 coding system is used for both topography and morphology. All malignant, *in situ* and uncertain cancers are registered, as well as benign intracranial and intraspinal cancers. CIN III of cervix is not registered on the basis of cytology, but only if confirmed by biopsy.

We have recently carried out a formal evaluation of completeness, using statistical methodology, in collaboration with Dr David Robinson of Thames Cancer Registry. Periodic checks for completeness are carried out against other cancer databases. We plan to carry out a reabstraction of a 2% sample of records next year.

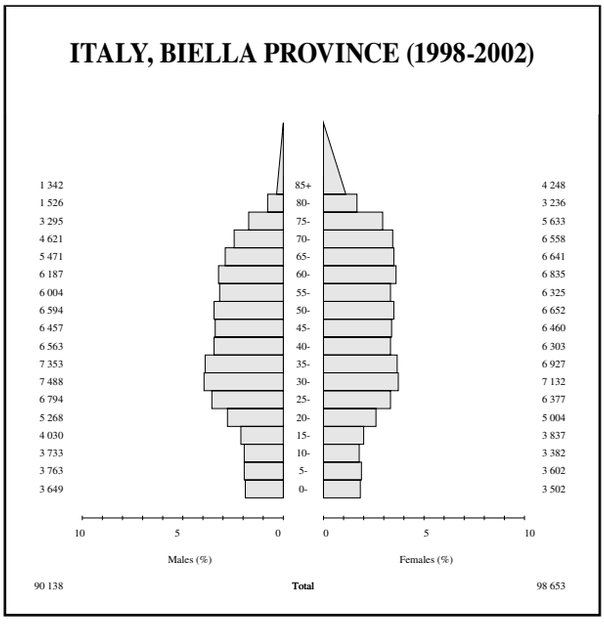
Use of the data
Annual reports, with information on incidence, mortality, treatment and survival are produced. The Registry has also published a number of scientific papers and special reports on a number of different topics, a list of which is available on the website (www.ncri.ie/pubs/pubs.shtml). The data are also widely used in the Irish health services for service planning and needs assessment.

Source of population
For 1997–2001: Population and migration estimates (Each year the Central Statistics Office (CSO) publishes an estimate of the population at April of that year. This is based on the natural increase and on estimates of the gross annual migration flows). For 2002: Census 2002.

Multiple primary rules used
IACR rules (2004) on historical data.

Italy, Biella Province

Registration Area
The Cancer Registry covers an area with 82 municipalities: 22 have fewer than 500 inhabitants and 15 have a population between 500 and 1000 inhabitants. Most of the population (187 041 inhabitants in the 2001 census) resides in urban areas (24.3%). The textile industry had always been the main activity in the area; however, during the last 20 years other electronic and metal-mechanical industries have arisen. Due to its industrial background dating back to the 19th century, this area has always been a place of immigration. In the 1950s people arrived from the Northeast of Italy (about 20% of population now aged 60–80) while in the 1970s people migrated from the south of Italy. Migrations from other countries are only recent and limited to young people (<5% of population). The birth rate is rather low (7.36 in 2001) and the elderly index high (198.95 in 2004). Nowadays, there is relative demographic stability, especially in the valleys where the communities are more isolated.



Cancer care facilities
The registry area is served by one public hospital of about 500 beds with the main surgical and medical specialities, radiotherapy, oncology and a palliative care unit, and two private clinics. Population-based screening programmes have been active since 1997 for cervical cancer, and since 1995 for breast cancer, while in the previous years screening practice was rather diffuse although opportunistic. A multi-centre evaluation trial has been carried out for colorectal cancer screening using FOBT and endoscopy since 1997. Opportunistic screenings with PSA for prostate and with clinical skin examination for melanoma were carried out with the support of the local cancer foundations for the past few years.

Registry structure and methods
The registry is part of the Centre for Cancer Prevention (CPO) of the Piedmont Region, located in the Epidemiology Unit of the Local Health Authority (ASL 12), staffed by a director, a part-time public health doctor and a registrar nurse. The registry actively searches for cases in all clinical records of local hospitals and pathology laboratories. It also actively searches for patients who migrated towards other centres, mainly in Piedmont and Lombardy, as indicated by the reports originating from the regional hospital discharge records. The registry also double-checks data with other repositories of cancer data: the Piedmont Childhood Cancer Registry, the National Malignant Bone Tumour Registry and the Mesothelioma Piedmont Cancer Registry. If case confirmation or prevalence checks are needed, the registry's staff looks up other specific files of hospital departments (radiology, radiotherapy, oncology), laboratories, the palliative care unit (active since 2000) or the hospital cancer registry (active 1959–1997). Finally, the registry regularly receives records from the local official mortality registry and has access to original documents for further checks. Completeness and accuracy of the information are formally evaluated in several ways. After data verification with the IARC-Check tools, we analyse short-term trends in number of cases, percentage contributions of each information sources, cases with poor site or histological specification, microscopic verification, prevalence of multiple primary cases, mortality incidence ratio, and proportion of DCI and DCO.

Interpreting the results
Cancer incidence in the Province of Biella is influenced by its social and industrial history, with a high incidence of larynx, lung, oesophagus and stomach cancers in men. Recently, screening programmes have made an important impact, with increasing incidence rates for breast, prostate, and rectum cancers. Clusters of cases in a particular area (mainly thyroid cancer) are presently under study.

Use of the data
The Registry reports on incidence, mortality, survival and their trends to the local and regional authorities. In addition, it reports on hospital cancer patient migration and quality of hospital records. The Registry collaborates to the evaluation of cancer care quality and to the preparation of cancer treatment guidelines. It also provides a follow-up service for clinical and epidemiological researches, and is actively involved in the following studies: the Colon-rectal screening evaluation trial (SCORE), the evaluation of prostate screening, the evaluation of implementation of colon-rectal cancer treatment (TRIPPs) in collaboration with CPO, and the prevalence of anaemia in the elderly (ANGEM) in collaboration with the Mario Negri Institute. The Registry contributes its own data to the National Database of the Italian Association of Cancer Registry (AIRTum).

Source of population
Census 2001 and Intercensual estimates: Intercensual estimates with population as of 31.12 of every year are provided by the statistical office of the Piedmont region (BBDE). The registry provides the annual median population.

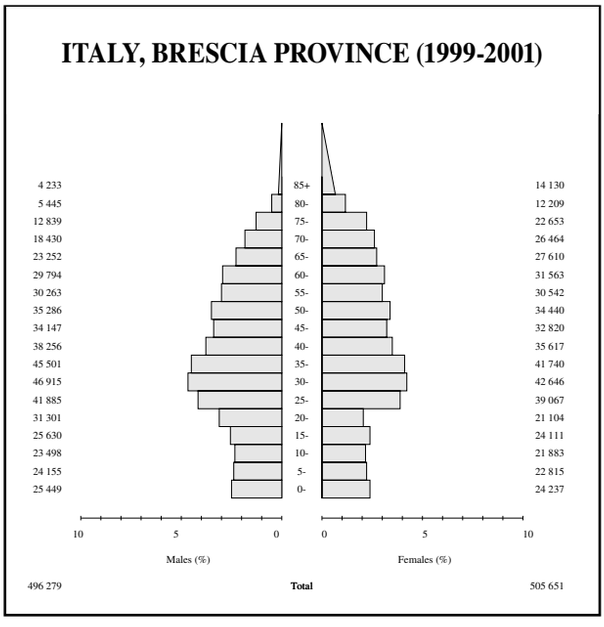
Multiple primary rules used
IACR rules (2004) on historical data.

Italy, Brescia Province

Registration area

Brescia is one of the most densely populated provinces in the Lombardy region of northern Italy. The Brescia Health Unit Cancer Registry covers about 91% of the population of the province. Registry data are available for 1993–1995 and for 1999–2001. The Brescia Health Unit Cancer Registry started in 1994 using manual methods, and covered a smaller area with about 390 000 inhabitants, consisting of the town of Brescia and 23 surrounding municipalities. The Registry currently uses an automated population-based cancer registration system. It covers an area of 3460 km^2 at 45°N latitude. It covers Brescia (population 195 000) and 163 other smaller towns, 55 with more than 5000 inhabitants (33.7%) and 108 with fewer than 5000 inhabitants (66.3%). The population was 1 004 980 inhabitants, 51% females, at the October 2001 census. The population density is 290/km^2.

In 2001 about 8% of the population were foreigners: 30% came from East Europe and 70% from non-European countries (25% from Asia, 20% from North Africa, 20% from Sub-Saharan Africa, and 5% from South America).



Cancer care facilities

In the Registry area there are 12 public and 9 private hospitals; the largest, located in Brescia, has medical and surgical specialists and a Radiotherapy Department. The Oncology Department covers the Brescia province. In 2001 there were 3822 beds in public hospitals and 2365 in private hospitals (6.1/1000 inhabitants), and is 846 general practitioners (84.2/100 000 inhabitants). Brescia has had mammographic screening for women aged 50–69 years since the late 1980s.

Registry structure and methods

The Brescia Cancer Registry is located in the Brescia Local Health Unit (Azienda Sanitaria Locale, ASL), which provides financial support. The Registry is also funded by the non-profit Lega Italiana per la Lotta Contro i Tumori, Sezione di Brescia (Italian League Against Cancer, Brescia Division), and ASM S.p.A. (Public Utility Company). The ASL provides all the equipment and some of the human resources (4 nurses and a secretary); the two other founders support the activity of 1 medical doctor and 1 computer programmer. A medical doctor and university researcher also provide scientific support.

The Registry uses three computerised data sources: hospital discharge records provided by the Lombardy Region, pathology reports from 9 public and private laboratories, and death certificates provided by the Local Health Unit death registration office. All Italian hospitals must report each admission using a standardised form in order to receive payment. As the Regional Hospital Discharge Diagnosis Office collects all hospital discharge data from Lombardy and bordering regions, the proportion of cases missed is likely to be very small. Most pathological records are uncoded, and Registry staff code about 80% of them to ICD-O-2.

Computerised records containing all the collected data (hospital discharge records, pathological records and death certificates) are automatically linked to the Social Security System to assign a patient code to each record, and all records with that code are linked with prevalence files. Concordant incident malignant cases are assigned to the Registry. For discordant and incomplete cases, the Registry staff review the computerised information, and if any remain unresolved, they scrutinise hospital records and abstract information on cancer cases directly. For cases with death certificate notification, they trace-back and ultimately reister those that do not link with another source as death certificate only (DCO).

Completeness and accuracy of ascertainment of cases are provided through comprehensive computerised data sources and also through checking and comparison of incidence rates in previous years and with other registries in northern Italy.

Interpreting the results

Two findings from the Brescia data are high frequencies of liver cancer among men and breast cancer among women. A comparison with 1993–1995 data confirms these findings. In the last decade, epidemiological studies have been carried out to investigate the causes of liver cancer, mainly hepatocellular carcinoma, in the area; the role of hepatitis B and C viruses and of heavy alcohol intake have been elucidated. The breast cancer rate among women may be partially due to population-based mammographic screening in the area in recent years. Non-organized PSA testing concerns 12.56% of the male population (38.7% aged ≥50 years).

The Brescia province is a highly industrialised area, with one of the highest concentrations of steel and metalworking industries in Europe. Working in these factories has been associated with possible exposure to IARC class 1 and 2A carcinogens. Air pollution has been observed in the area, especially on the plain: the mean annual PM10 concentration ranged from 30–42 μ/m^3 and most daily values in the winter of 2004-2005 exceeded 75 μ/m^3.

Use of the data

The aim of the Registry is to produce and analyse incidence, mortality, prevalence and survival data according to demographic, topographic, morphological and behavioural characteristics. The Registry works alongside Regional and other Italian Cancer Registries in research projects and on publications of incidence, prevalence and survival data. A

multi-centre national study coordinated by the Director of the Brescia Health Unit Cancer Registry and funded by the Italian Ministry of Research is being conducted on the prevention of liver cancer through improved control of hepatitis B and C. A programme for the prevention and control of liver disease by general practitioners is also underway. Registry data are used routinely for monitoring population-based cancer screening programmes in the Brescia Local Health Unit.

Source of population
The resident population is estimated annually on the basis of the 1991 and 2001 censuses, taking into account births, deaths and migrations, by the National Institute of Statistics (Istituto Nazionale di Statistica – ISTAT).

Multiple primary rules used
IACR rules (1990).

Italy, Ferrara Province

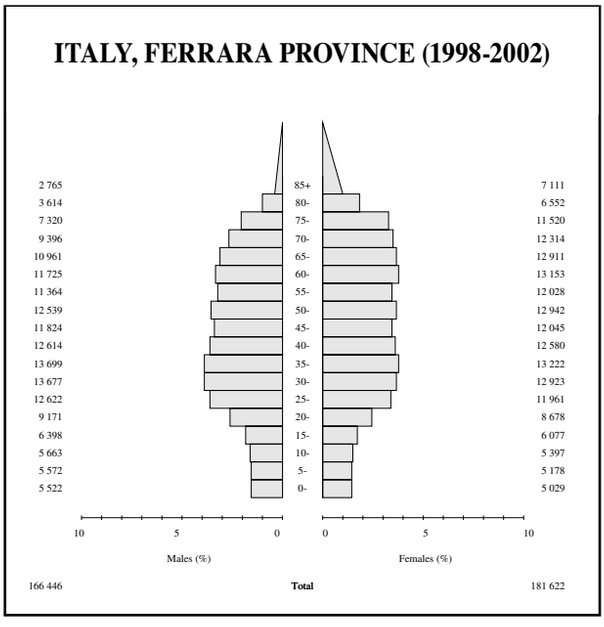
Registration area

The province of Ferrara is located in the northwest of Emilia-Romagna Region and is mainly agricultural. It lies close to sea level (maximum altitude 22m) and is bordered to the north by the Po River, to the east by the Adriatic Sea, to the south by the provinces of Bologna and Ravenna and to the west by those of Modena and Mantova.

The population (348 651 in 2000) is fairly stable, characterised by elevated aging (24% over 65 years) with a crude annual birth rate at the lowest levels in Italy (6.1/1000 inhabitants in 2000). Among the 26 municipalities of the province, the only one with a population >100 000 is Ferrara (132 085 inhabitants in 2000).

The prevalence of non-Caucasians is low, and the most widespread religion is Christian Catholic. The number of immigrants is lower than in other regional provinces, but the proportion increased in size from the late 1990s (from 0.52% in 1995 to 2.43% in 2004). A majority (54.5%) of them come from five countries (Morocco, Ukraine, Albania, Romania and Pakistan), and the female/male ratio is 1.23.

The level of employment was 47.8% (35.6% industry, 9.4% agriculture, 55.0% trade and services). Mechanical and chemical industries are present in the province, and they represent the main sources of water and air pollution, together with animal breeding, traffic, heating plants and agriculture chemical treatments. In 2000 the average temperature was 13.3°C (monthly average from –0.5°C in January to 23.8°C in August) and the overall rainfall was 443mm. In the period 1998–2002 the population showed a progressive decrease due to a fall in births and low migration rates from other areas.



Cancer care facilities

In 2000 the province had a network of three care districts with 5 general hospitals (1851 beds). These provided cancer surgery units, haematology, radiotherapy and chemotherapy services. Cervix uteri and breast cancer organised screening programmes started in 1996 and 1997 respectively as a part of a regional project. Colorectal cancer screening started in 2005. PSA testing is widespread among the adult male population, especially in recent years. In 2003, 14.6% of patients were treated outside the Registry area.

Registry structure and methods

The Registry is supported by the Emilia-Romagna regional Health Care Service since 1994, and it has also been funded by the Health Care Units of Ferrara province. Its staff of three clerks and a director is located in the Pathology Department of Ferrara University.

The main sources of information are discharge diagnoses from all national hospitals and the database of the Pathology Department (covering all pathological diagnostic activity in the province). Additional information is provided by direct contact with care services (medical records) and general practitioners. Mortality data for all causes are provided by public health services to identify DCN and DCO cases and for follow-up purposes.

Data collection is performed both actively and passively. Personal identifying data are protected in compliance with current Italian law. Regular maintenance is carried out on the computerised database. Checks for duplicates, errors and consistency are performed using the IARCcrg and DEPedits tools. Completeness and accuracy evaluations are performed using death certificates, record-linkage with pathological archives and checking of site-specific changes in incidence over time.

Interpreting the results

The high prevalence of old-aged population has a great effect on crude incidence rates of many sites. In the area covered by the Registry, lung cancer is traditionally the most common male malignant tumour. The rate of cigarette smoking in the Province (32.6% over 14 years old in 1996) is the highest in the Region (average 26.3%) and one of the highest in Italy. About 42% of children have at least one smoker parent. Air pollution from the aforementioned sources and fog also add further risk for lung cancer. Dietary risks are also remarkable, due to high meat, cold cuts and saturated fats intake, compared with low vegetable consumption. The province shows also high incidence rates for colorectal, gallbladder, soft tissue and endometrial cancers, brain tumours and multiple myeloma.

The very high incidence of breast and cervix cancer is explained by the population-based screenings started in 1996–97. Prostate and thyroid cancers also increased in the period, the former as a result of PSA diffusion, the latter of diagnostic echography improvement. DCN and "final" DCO were 1.1% and 1% respectively. The proportion of cancer deaths necropsied in 1998–2002 was low (<1%).

Use of the data

The Registry is involved in local and regional cancer care networks and it publishes periodic reports on cancer incidence, prevalence and survival. Determining the impact of screening on incidence, mortality and therapy and cancer care needs in the covered population are its main purposes. It is also involved in several studies on multiple tumours, the prognostic and predictive power of biological assessment in breast cancer, social inequalities and cancer care access.

The Registry is part of the Italian Association of Tumor Registries (AIRTum). Several studies on cancer descriptive epidemiology and breast cancer screening in Italy are now

in progress. Further activities on registration and coding techniques are also being carried out.

Source of population
1998–2002: Census and municipalities' residents files. Official regional resident population based on municipalities' files. Source: Statistics Department Regione Emilia–Romagna, Italy (http://rersas.regione.emilia–romagna.it/statexe/popol1.htm).

Multiple primary rules used
IACR rules (2004) on historical data.

Italy, Florence and Prato

Registration area
The territory of the Tuscany Cancer Registry (RTT) corresponds to two of the ten provinces of the Tuscany region, the provinces of Florence and Prato. It is situated at 44°N and 11°E. The registry covers an area of 3879 km^2, with a population of 1 162 273 inhabitants according to the 2001 census (density 300 inhabitants/km^2). The territory is divided into 52 municipalities (the municipality of Fucecchio, 21 105 inhabitants at the 2001 census, is included since 1997) collected in 3 local health units.

The only two municipalities with a population larger than 100 000 in 2001 were Prato (population 172 499) and Florence (population 356 118).

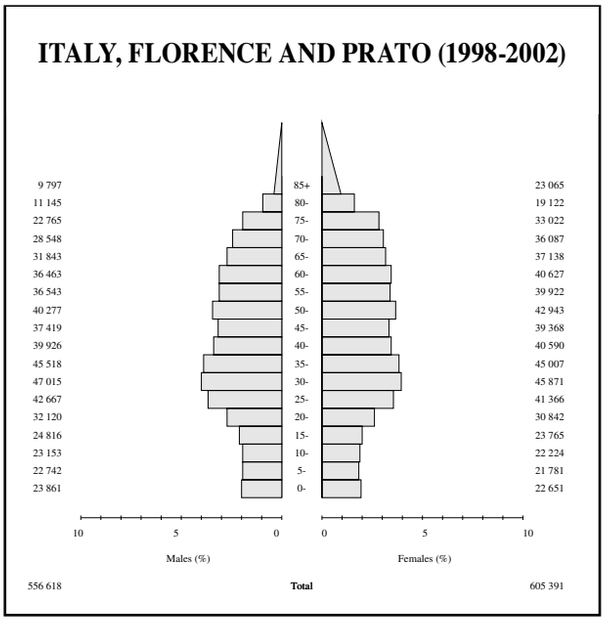
Catholicism is the prevalent religion in the area. About 4.1% of the residents (at 2001) in the area are foreign, mainly coming from Europe and Asia.

In 2001, 74.1% of the residents aged 15–64 years were employed. Industry in the provinces is concentrated mainly in the surroundings of the cities of Florence and Prato.

Since 2006 the RTT has been embedded within the regional oncological network, and the coverage of all the resident population of Tuscany (about 3 500 000 inhabitants) is ongoing.

Cancer care facilities
The registry is part of the Tuscany Cancer Institute, a network of all health services active in the Tuscany region aimed at cancer research, prevention and care.

In 2002, in the whole Tuscany region there were 14 956 beds in public hospitals and 2353 beds in private hospitals. There were 4.9 beds for every 1,000 inhabitants.



Registry structure and methods
The Tuscany Cancer Registry is associated with the Unit of Clinical and Descriptive Epidemiology of the Centre for the Study and Prevention of Cancer (CSPO) in Florence. The registry, which is commissioned and funded by the Tuscany Region Department of Health, collects, registers and analyses information related to cases of cancer in residents of the provinces of Florence and Prato. The Registry started its activity on 1 January 1985 after a one-year experimental phase to evaluate feasibility and to collect prevalent cases.

While instituted by regional law, notification is compulsory by an administrative order.

The registry receives from the Regional Health Authority copies of the official files of hospital admissions in Italian public or private hospitals (provided the latter are funded by the Public Health system), which have been abstracted from pre-coded electronic media since 1995. Copies of the autopsies and cyto-histology referrals are received from the pathology departments of the whole Tuscany region. Since 1998 pathological data have been received on computerised files.

The RTT used ICD-O-1 and ICD-O-2; all case series have now been automatically recoded into ICD-O-3. The information concerning each tumour, including personal identification and full clinic details, is coded and registered into the computer. Specific procedures and key words protect the access to the RTT files; names and other personal data and clinical information are stored on different files and, when necessary, are linked each other by an identification number.

Death certificates with personal identifiers are received from the Regional Mortality Registry, which collects and analyses for all inhabitants in the region a copy of the National Institute of Statistics mortality form. Mortality data are periodically checked against the cancer registry records to identify cases not otherwise notified.

The current staff of the registry comprises clinical epidemiologists, nurses specialising in tumour registration, biologist, statisticians and data managers.

Interpreting the results
The completeness in case collection was estimated at 97.4% during a formal evaluation carried out in 2001. Data are periodically verified according to IARC tools and specific software developed by the Italian Network of Cancer Registries (AIRTum).

Since the late 1990s screening for female breast, cervix and colorectal cancer has been active in all areas covered by the RTT. From the regional report on screening activity, the average compliance was 67% for mammographic breast cancer, 45% for cervix uteri screening and 51% for colorectal cancer screening.

In the district of Florence a cohort of more than 6800 males aged 60–74 years were included during 1991–1994 in the European Randomized Study of Screening for Prostate Cancer (ERSPC). Moreover, widespread spontaneous PSA testing is worth noting; the regional archive of diagnostic examinations in 2004 estimated that about 25% of resident men over 50 had undergone a PSA test.

In the RTT area a pilot study of lung cancer screening with low-dose computed tomography has been performed, and a randomised clinical trial named Italung-CT is ongoing.

Use of the data
The registry routinely publishes incidence and survival data and participates in clinical and analytical epidemiological studies. RTT is improving the collection of relevant clinical data for the evaluation of the diagnostic and clinical pattern. It is participating in national and international projects on cancer incidence, prevalence and survival (e.g. the Eurocare project).

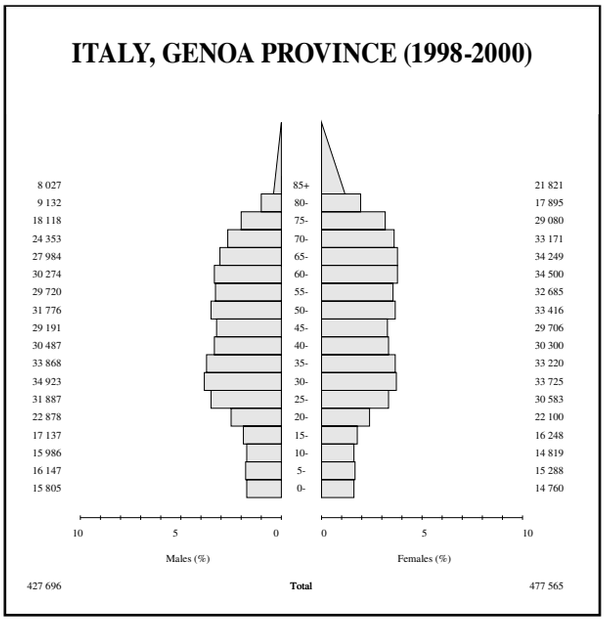
Source of population
1998–2002: Census 2001 and official intercensal estimates (ISTAT).

Multiple primary rules used
IACR rules (2004) on historical data.

Italy, Genoa Province

Registration area
The Liguria Region Cancer Registry (LRCR) covers the population of Genoa Province (1834.3 km^2) within the Liguria Region in northwestern Italy. The population (67 municipalities) at 30 June 2000 was 900 736 inhabitants (Statistical Office of the Region of Liguria). About 70% of the population lives in the urban area of Genova (632 366 inhabitants). In 2002 the Liguria Region age-adjusted death rate per 100 000 inhabitants was 1370.1, among the highest in Italy, due to the ageing of the population, the oldest in Italy; the birth rate is among the lowest, 7.3.

Cancer care facilities
Healthcare services are provided by hospitals and centres located predominantly in the city of Genoa. They consist of 17 public and 4 private hospitals providing radiotherapy, cancer surgery and chemotherapy services, and microscopic verifications supplied by five pathology services. Among the public hospitals there is also a comprehensive cancer centre, the National Cancer Research Institute (NCRI)



Registry structure and methods
The LRCR is property of the Health Councillorship of the Liguria Region and is located at the Descriptive Epidemiology Service of NCRI, which is also houses the Liguria Region Registry of Cause of Death (LRDCR). The LRCR is staffed by eight full-time researchers and one clerk: two are coders; two manage the electronic records provided by the Ligurian Health Informative System (hospital discharge records, registers of population) and the pathological records, and perform the quality control and statistical analyses; four are registrars; the clerk is mostly engaged in following the cancer cases for vital status. They are also supported by a full-time researcher and two clerks from the LRDCR, who select the certificates of causes of death of each registered case.

The LRCR registry uses active case finding from various sources of data consisting of cancer hospitals (NCRI), general hospitals (13), teaching hospitals (St. Martino and University Clinics) and pathology laboratories. The registry staff visit these sources, where they scrutinise the records kept in medical records departments, and registers of individual departments concerned with diagnosis and treatment of cancers, to identify and abstract information on cases of cancer, diagnosed by all methods, among residents of the registry region. Arrangements have been made with the hospitals outside the registration area to collect the resident cancer cases they diagnose and treat; they are consulted once a year to ask for the clinical records of these cases. As regards as the mortality data, in addition to the LRDCR source, the registry also uses official mortality data obtained through the regional organs officially connected with the National Statistics Service (ISTAT).

Interpreting the results
The LRCR collects and records data on all malignant tumours and on *in situ* carcinomas and other tumours of benign and uncertain nature of the urinary tract, brain and central nervous system; multiple primary cancers (multiple skin cancers excluded) are included as independent primary tumours. The Registry uses the IARC/IACR CHECK Program to test the validation of dataset. To conform to the Italian law regarding the care of personal data, the Registry follows an Ethical Code of Behaviour (published in their Web site and sent to all collaborating institutions and to the National Authority for Individual Data Protection), created to describe the data collection and managing procedures and the physical and electronic measures adopted to protect the Cancer Registry data bank.

A screening programme for breast cancer has been operating since 1998, organised by the NCRI on the behalf of the Region Health Councillorship and collaborating with all hospitals, pathology departments and territorial health services of the region.

Use of the data
The LRCR is involved in the planning and evaluation of health programmes in the Ligurian Region. It also collaborates with the Italian Association of Cancer Registries on joint research efforts and publication programmes devoted to describe cancer incidence, mortality, and prevalence and survival data. With the same purposes, it actively contributes to many European projects (e.g. EUROCARE, EUROPREVAL, etc) aimed at analysing data on incidence, mortality, survival and prevalence (or their determinants) in Italy and in Europe. In these latter projects, the LRCR is interested in some specific research fields: the socio-economic determinants of cancer survival, cancer in the elderly, and the equity in care resources allocation. Recently, LRCR work has aimed at producing regional and national estimates of survival in the European population by using the demographic, socio-economic and clinical (Health System organisation) characteristics of each area.

Source of population
1993–2000: ISTAT for the Province

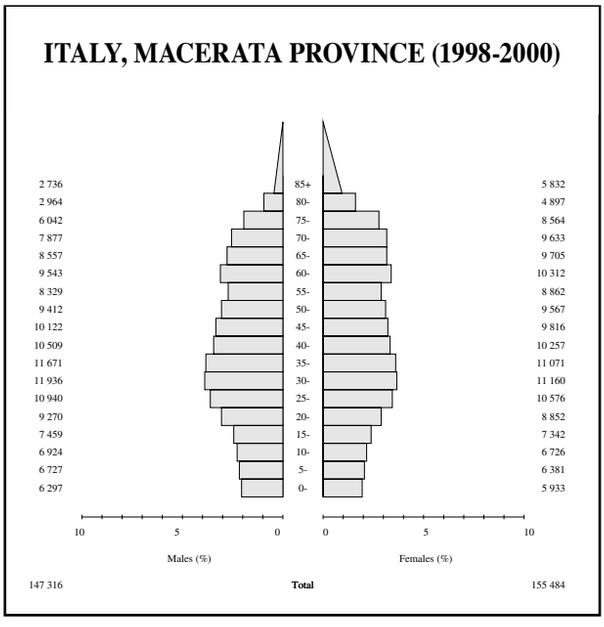
Multiple primary rules used
IACR rules (2004) on historical data

Italy, Macerata Province

Registration area
The Macerata province registry covers the population of the whole province (57 municipalities) ranging from a mountainous zone in the west to the Adriatic Sea on the east within the Marches Region, in central Italy.

The population at the recent cancer registry census (2000) was 304 443. Around 32% of the municipalities are located in the mountainous areas and have a low population density with a high proportion of people engaged in services. The 5% of municipalities situated in the coastal areas bordering the Adriatic Sea have a high number of people engaged in the industrial sector, and few in agriculture. Some 63% are located in the hill zone and can be characterised as intermediate between the other two zones.

Practically 100% of the population covered by the registry is white, with a small percentage of immigrants from China, India, Pakistan and Africa. The predominant religion is Catholic, but there are now also Muslim minorities.



Cancer care facilities
General health care in the province is provided predominantly by the three Local Health Districts (LHUs), through the district hospitals, a network of primary health centres and two pathology laboratories. This is supplemented by private practitioners and regional oncology hospitals. Each province in the region provides one radiotherapy centre. Many patients suspected to have cancer in the primary and secondary care facilities in the registry area are referred to Ancona regional hospital (40–90km distant), to Perugia regional hospital (80–130km, Umbria Region) or, occasionally to one of the cancer hospitals in northern Italy (e.g. Milano, Aviano).

Registry structure and methods
The registry (cancer and mortality) is located within the Department of Experimental Medicine and Public Health of Camerino University, and is funded partly by the Regional Health Agency. The registry is staffed by two epidemiologists and a registrar full-time; a doctor, a medical oncologist and a pathologist as consultants. The Macerata Cancer registry uses active case finding from different sources of data consisting of public and private general hospitals, pathology laboratories, radiotherapy centres, the Italian cancer registry and the death certificates from Mortality Registry of Macerata Province. This mortality registry receives copies of death certificates for all inhabitants from LHUs and a list of all deaths from the municipalities. The registry staff visit these sources and record diagnosis and treatments for every resident patient in the province. Cancer is not a notifiable disease; registration forms are not received from private practitioners. The information concerning each tumour, including personal identification and full clinical details, is coded and entered using the CanReg 4 computer program.

The accuracy of age, residential status and other demographic data are verified before records are included. The registry collects data not only on cancer incidence but also on diagnostic procedures, cancer characteristics (including stage and grade), treatment and survival. Follow-up is performed to obtain complete registration information and documentation on all cases.

Interpreting the results
Screening for breast and cervical cancer has been implemented in the province by the Sanitary Service, but the magnitude of these practices is as yet unknown. PSA is used frequently, but it is not possible to determine the proportion of the male adult population screened.

Use of the data
Information on incidence, prevalence, survival and mortality are produced and used in the LHUs and in the Regional Health Agency for service planning and needs assessment. The data are also sent to the Italian Cancer Registries' databank. The registry collaborates with some other registries in research projects and publications. Registry data are used to monitor cancer incidence and mortality in the province, as well as for health service planning and epidemiological research.

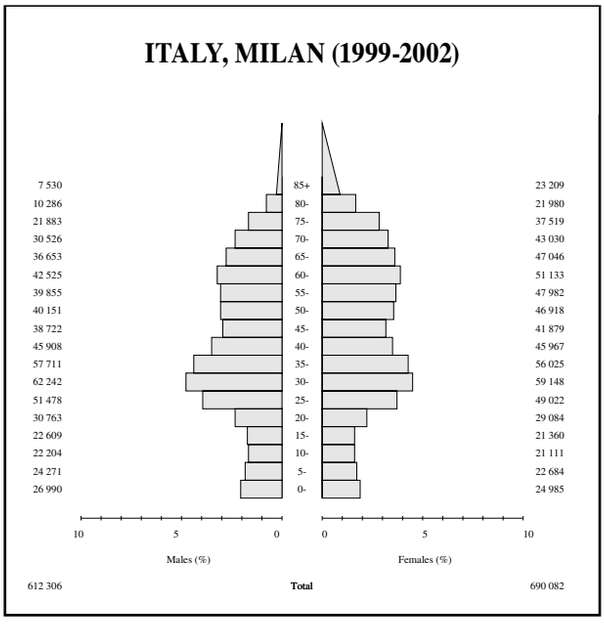
Source of population
1991 and 2000 censuses. Cancer registry personnel census the population as of 31 December of every year through the Municipalities.

Multiple primary rules used
IACR rules (2004) on historical data.

Italy, Milan

Registration area
The Milano Cancer Registry refers to the resident population of Milano, the largest metropolitan town in northern Italy (Lat. 45° 27' N; Long. 9° 10' E), covering a total area of 182 km^2. The population at the last 2001 census was 1 263 158 inhabitants with a population density of 6940/Km^2. At the last census 87 590 subjects (6.7%; 42 146 males and 45 444 females) were immigrants originating from Asia (30 116), Africa (19 481), South America (17 873) and Europe (19 950).

Cancer care facilities
A single Local Health Authority serves the population area. In the registration area there are 29 hospitals, which allow full access to case information. Among them, two research hospitals (National Cancer Institute of Milan and European Institute for Oncology) admit only oncological cases. A very small proportion of cancer cases are treated outside the Lombardy region.



Registry structure and methods
The cancer registry is located in the Epidemiology Unit of the Local Health Authority of Milano; it was established in May 2002 in adherence to the Regional Health Plan and funded by the Lombardy Region Department of Health. The registry employs three medical epidemiologists and four nurses as cancer registrars.

The registry is based on the automated cancer registration procedure (ACR) first adopted in Italy by the Venetian Tumour Registry and by the North East Cancer Surveillance Network. Accordingly, the resident population roster, death certificates, hospital/day-hospital discharges and pathology records archives are fed into the information system of the cancer registry.

The underlying cause of death and hospital admission diagnoses are coded in ICD-9. Pathology records are coded in SNOMED, and *ad hoc* transcoding algorithms from SNOMED to ICD-9 were developed and implemented. A total of 524 722 hospital/day-hospital discharges (1990–2003), 289 980 pathology records (1976–2003) and 18 295 death certificates (1999–2002), corresponding to 281 635 subjects, were considered in estimating the population incidence of cancer in the period 1999–2002.

Overall the automated procedure identified 165 614 prevalent cancer cases, 66 485 in situ/benign neoplasm; accepted 24 841 invasive cancer cases and temporarily rejected 24 695 cases. After manually resolving rejected cases, 39 404 incident cases were identified. Manually resolved cases, as well as all automatically detected genitourinary, haematological and soft tissue neoplasms, were coded with ICD-10 for topography and with ICD-O-3 for morphology. For selected cancers (including breast cancer) stage was systematically recorded.

Interpreting the results
Population-based breast cancer screening was initiated in Milano in November 1999. Furthermore, opportunistic PSA screening for prostate cancer was extensively adopted in the same period: 26.9% of male population aged 40 or older with no history of prostate cancer have received at least one PSA test in 2 years; the same rate rises to 34% for subjects older than 50 (*J Med Screen. 2002;9(4):179-80*).

Use of the data
The Milano Cancer Registry will be used to evaluate breast and colorectal cancer screening programmes. Furthermore, policymakers use registry data to evaluate healthcare and cancer treatment policies and to plan prevention activities. Considering the high proportion of immigrants, registry data will be also used to study differential cancer risks within the resident population and to plan differential preventive actions.

The registry supports etiological research. Cases are followed annually to determine survival, taking advantage of a consolidated record linkage between the registry database and the Municipal Census Office.

Source of population
Annual estimates based on the 2001 census, taking into account births, deaths and migration, were produced by the Ufficio Sistemi Statistici del Comune di Milano (Municipal Office of the National Institute of Statistics – ISTAT).

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Italy, Modena Province

Registration area
The Modena Cancer Registry (MCR) covers the population of the province of Modena, which is one of the nine provinces of the Emilia-Romagna region in northern Italy. Modena borders the provinces of Bologna to the east, Lucca and Pistoia to the south, Reggio Emilia to the west and Mantua and Ferrara to the north.

The population according to the 2001 census was about 634 000 (growing by about 1% every year). Approximately 7% of all residents had emigrated from other countries (34% from northern Africa, 19% from Asia, 18% from Eastern Europe, 14% from the European Union and 11% from West Africa).

The province is divided into 47 municipalities. The only municipality with a population greater than 100 000 is Modena (about 175 000 inhabitants in 2001).

Cancer care facilities
With respect to health services, the province of Modena shows the features typical of most western countries. The area is served by 9 public general hospitals, including one university teaching hospital, and by 5 private clinics.

The university hospital also includes a Comprehensive Cancer Centre (Centro Oncologico Modenese).

Registry structure and methods
The MCR, established in 1988, is located in the Cancer Centre of the University of Modena and Reggio Emilia. It is recognised and supported by the Emilia-Romagna region, the Azienda USL of Modena and the "Angela Serra" Association for Research on Cancer.

Registry staff comprises a medical director and coordinator, a research manager, a statistician, a system manager, two registrars and a secretary.

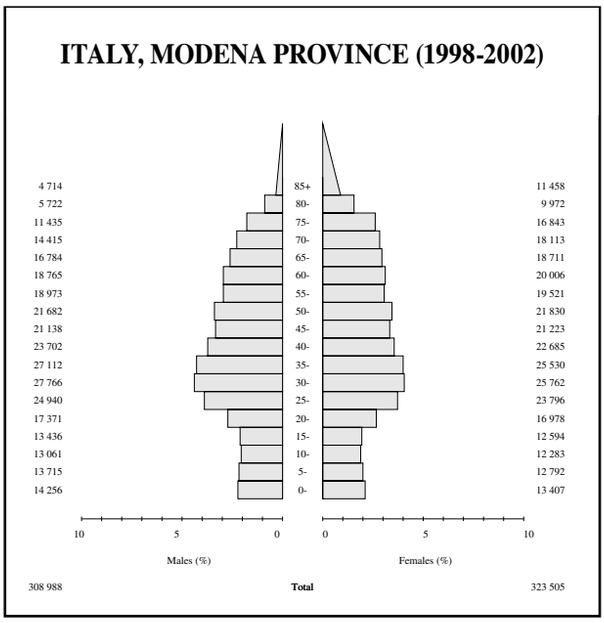
The principal data sources are the reports from the three pathology laboratories located in Modena (including one haematological laboratory), hospital discharge files and death certificates. These files are periodically sent to the registry and processed by specific software. All cases are identified and pre-coded by the computer system, and then the trained registry staff manually reviews them. Several validation checks are performed by the computer system at the time of data entry, and periodically over the whole archive.

The registry mostly carries out follow-up by matching registrations with notifications of death and with public health databases. Only non-matched patients (less than 1%) are actively followed-up by obtaining information directly from the registry offices.

All data are evaluated for completeness using IARC software and a tool developed by Modena Cancer Registry and distributed among Italian Cancer Registries that consists of more than one thousand internal checks.

Interpreting the results
Since 1994, two organised screening programmes have been offered to all women aged 24–64 and 50–69 respectively for early detection of cervical and breast cancer. The impact of cervical screening seems to be less marked because it was carried out many years earlier, but not on population basis.

It should be underlined that the increasing use of PSA testing has resulted in an increase in prostate cancer incidence rates, while the advances in diagnostic medical practices and new histological criteria seems to be related to an increasing incidence of thyroid cancer in the province of Modena.



Use of the data
The MCR produces annual reports on cancer incidence, mortality and survival, including trends and predictions of cancer incidence and survival for the coming years. The MCR is involved in many collaborative studies, such as EUROCARE studies. The registry also participates in the evaluation of breast, cervix and the recently organised colorectal screening programmes. Other areas of interest are: the investigation of local clustering of disease, estimations of future cancer incidence and survival, high-resolution studies on lymphoma and myeloma, and quality control techniques.

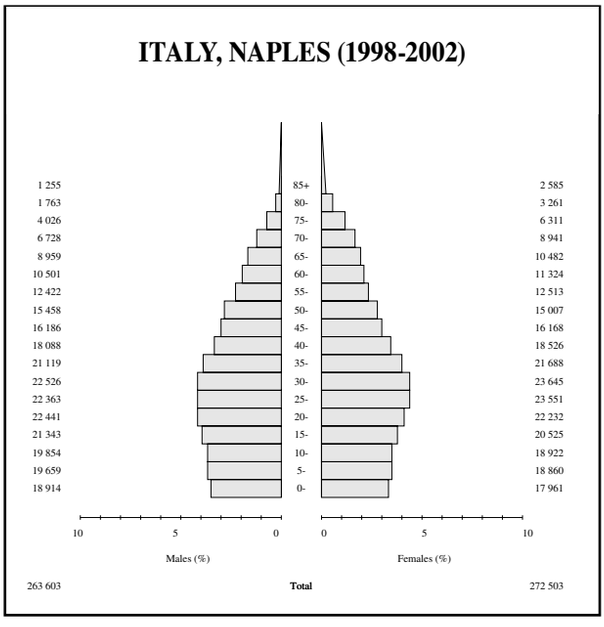
Source of population
Census 2001 and population estimates for 1998–2000 and 2002 (ISTAT).

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Italy, Naples

Registration area

The Population Cancer Registry of Campania Region c/o Local Health Unit Napoli 4 (R.T.P.-A.S.L. NA4) covers an area of 499 km^2 in the northeast part of the province of Naples, in the Campania region of southern Italy (latitude 40° 47' N; longitude 14° 23'). According to the national census of 31 October 2001, the population covered by the Registry is 537 860 inhabitants (264 472 males and 273 388 females) distributed in 35 towns. In the last ten years the area covered by the Registry has been characterised by significant migration from Naples, which is the largest and most important city in the region. In fact, between the national census years of 1991 and 2001 the population of the area covered by the Registry increased by 45 000 inhabitants. In the area, which is economically depressed and characterised by high unemployment, there are a vast rural zone, an industrial pole with large and middle-sized factories, and also small-sized disorderly distributed factories.



Cancer care facilities

In the area covered by the Registry there are two public general hospitals with two chemotherapy services, one pathology laboratory and one private radiotherapy service having an agreement with the Public Health Service. The majority of resident patients who are affected by oncological diseases (about 80%) seek care in Naples, about 10km away, at the National Cancer Institute, at the two University Faculties of Medicine and at the oncology departments of other hospitals in the city. Though it is decreasing, there is still migration from the area to health services located in Northern Italy for the treatment of oncological diseases. In the same area, and over the whole Campania Region, there are also many private hospitals having an agreement with Public Health Service, in which patients affected by cancer are admitted. All patients affected by oncological diseases are exempted from bearing health participation expenses, and all patients who are admitted to hospitals abroad are previously authorised and registered by the A.S.L. NA4 offices.

Since April 1996, screening for uterine cervix carcinoma has been active over the entire Registry area, while breast cancer screening has been active since November 1998 over a limited part of the area covered by the Registry.

Registry structure and methods

The Registry is a structure of Campania Region and A.S.L. NA4; The Registry personnel is composed of a physician, specialising in oncology and epidemiology, one informatics technician and four social workers. Data collection method is active, and the sources of information are:

- Case sheets, clinical records and pathology laboratories' data, supplied by: a) National Cancer Institute of Naples, b) the two University General Hospitals, c) the Campania Region hospitals; d) the biggest private hospitals in the region;
- Regional Centre of Hospital Discharging Forms (SDO), which also provides data referring to patients who are admitted in other Italian regions;
- A.S.L. NA4 registries referring to patients who are exempted from bearing health participation expenses because of oncological diseases;
- A.S.L. NA4 records referring to admissions abroad;
- General practitioners of the area covered by the Registry (about 480) consulted for DCN cases; and
- Mortality data coded by the ASL NA4 epidemiology office.

Registry personnel have access to both the official mortality statistics and to individual death certificates mentioning cancer. Incidence cases are coded by Registry personnel. Malignant tumours included in incidence figures are defined as those for which the ICD-O-3 behaviour code is 3, and according to the IARC-IACR rules. Mortality data are coded and provided by the A.S.L. NA4 epidemiology service; they are defined as those coded in sections 140–208 of ICD-9. The software used for the registration of incidence data is CANREG-4, which is provided by IARC.

The Registry prepares periodical reports of cancer incidence, mortality and survival; moreover, it collaborates with public health services in the planning and evaluation of cancer services.

Source of population

Intercensal estimate for 1997–2000 (ISTAT), national census for 2001 and postcensal estimates for 2002 (ISTAT).

Multiple primary rules used

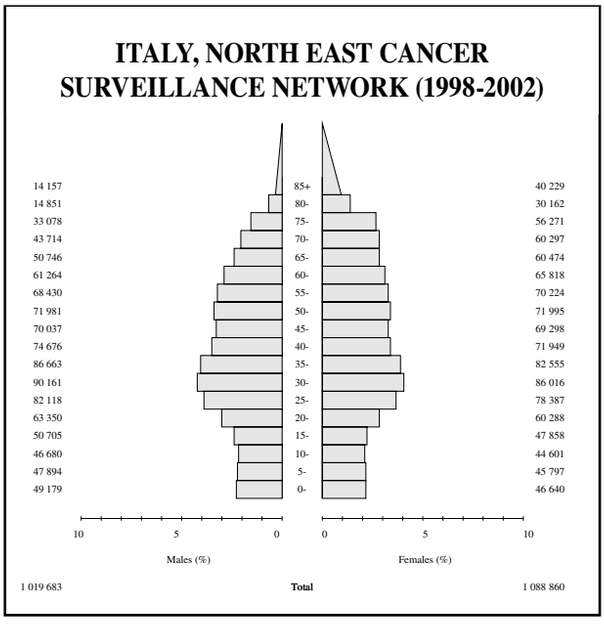
IACR rules (2000).

Italy, North East Cancer Surveillance Network

Registration area

The area covered by the North East Cancer Surveillance Network (NEICSAN) is located in northeast Italy, and is made up of three parts: the provinces of Bolzano (46°03'N, 13°14'E; 7400 km^2; 485 042 inhabitants; 65.5 inhabitants/km^2) and Trento (46°04'N, 11°08'E; 6202 km^2; 499 321 inhabitants; 80.5 inhabitants/km^2), and the whole of the Friuli Venezia Giulia region (46°03'N, 13°14'E; 6845 km^2; 1 184 000 inhabitants; 173.0 inhabitants/km^2).

The provinces of Trento and Bolzano are mostly mountainous areas, while the Friuli Venezia Giulia is a largely industrialised region bordered by the Adriatic Sea and the Padanian Valley (South), Slovenia (East) and Austria (East, North-East). Approximately 50% of the population of Trento and Bolzano and 80% of population of Friuli Venezia Giulia lives in urban areas (largest cities are Trento with 112 142 inhabitants, Bolzano with 98 657 and Trieste with 242 235). In addition to industry in the Friuli Venezia Giulia region, agriculture and tourism represent the main economical activities of the whole area, with low unemployment rates by Italian standards (between 2.7% and 6%). In the Bolzano province, 68% of the population is German-speaking.



Cancer care facilities

The territory is divided into 11 local health units of variable size, being smaller in the mountainous area. Hospital services are provided by 35 public hospitals (including one National Cancer Institute in Aviano, Friuli Venezia Giulia) and 16 private clinics. Cancer patients are generally treated at the National Cancer Institute, and in the oncology and radiotherapy departments uniformly distributed throughout the territory. A small proportion of cancer patients are also treated outside the region, including Innsbruck (Austria) for some patients from the province of Bolzano.

Registry structure and methods

The NEICSAN is a collaborative network of cancer registration in three administrative units: Azienda Sanitaria di Bolzano, Registro tumori dell'Alto Adige-Tumorregister Sud Tirol (1 director, 1 pathologist, 1 statistician/IT manager, 1 data collection officer and 5 collaborators); Agenzia Regionale della Sanità, Udine, Friuli Venezia Giulia (1 director, 1 pathologist, 1 data manager, 2 statisticians, 2 data collection officers and 5 collaborators); Azienda Provinciale per i Servizi Sanitari, Osservatorio Epidemiologico, Trento (1 director, 1 pathologist, 2 statistician/it manager, 1 data collection officer). In the Friuli Venezia Giulia region, cancer registration began in 1984 in the province of Trieste, and it has been expanded to the whole region since 1995.

The objective was to produce comparable cancer incidence estimates in a large population (about 2 150 000 inhabitants). Incidence data have been collected using the automated cancer registration (ACR) methodology, which implies availability of computerised and coded (ICD and SNOMED) diagnoses of cancer from the pathology departments, hospital archives and population offices (for population files and death certificates). The process is carried out through record linkage procedures that include analyses of computerised records, ascertainment of prevalent cases, case consolidation and quality control. Traditional cancer registration techniques based on collection of cancer forms prepared by pathologists, medical personnel in the hospitals and general practitioners are still used in the Province of Bolzano, where the ACR process has been carried out in parallel to the existing system.

For the period 1998–2002, a total of 9 461 762 records were treated by the automated process. Approximately 20% of these records concerned cancer cases, and the automated process registered nearly two thirds of incident cases. Quality controls are based on the IARC Check software: quality indicators such as the percentage of microscopically verified cases (histology and cytology), the percentage of cases known from the death certificate only (DCO) and the mortality/incidence ratio are also verified.

Interpreting the results

Several analytical studies conducted in the Friuli Venezia Giulia region have shown cancer excesses associated with personal habits and occupational exposures (namely exposure to asbestos in the shipbuilding industry). Incidence rates for the period 1998–2002 well reflect these previous findings. Changes in smoking habits in recent decades are a likely explanation for diverging trends in lung cancer rates seen in the two sexes, with a decline observed in men (from 56.3 in 1995–1997 to 49.1 in the most recent period) and a slight increase in women (from 11.3 to 12.0). PSA testing has been widely used in men for voluntary testing. Accordingly, prostate cancer turned out to be by far the most frequently diagnosed cancer in men (69.3/100.000; it was 51.6 in 1995–1997).

Use of the data

The main task of the NEICSAN is to help plan careful surveillance and preventive programmes. In addition, the registry data are used to implement population-based intervention studies (e.g. Pap smear and cervical cancer) and investigations on the causes of cancer (e.g. alcohol consumption and risk of liver cancer).

Source of population

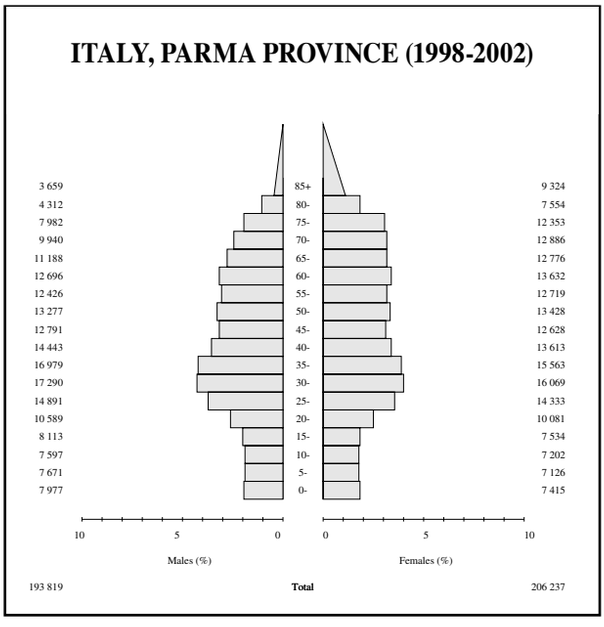
Annual estimates based on the 1991 and 2001 censuses, taking into account births, deaths and migration, produced by the Ufficio Sistemi Statistici (National Institute of Statistics, ISTAT).

Multiple primary rules used

IACR rules (2004) on historical data.

Italy, Parma Province

Registration area
On 1 January 1998 the population of the registry area was 393 963; five years later it was 404 722. This increasing trend is mainly related to foreign immigration; overall foreigners, most from North Africa, currently represent 5% of Parma residents. About 80% of the population lives in urban areas, 43% in the principal town. Local migration from the mountainous municipalities towards the city has been steady since the 1970s. In 2001 the employment rate was 74% for men and 55% for women, while unemployment was respectively 2% and 4%. The main occupational group is tertiary (59.4% of the total employed population), followed by industry (37.4) and agriculture (3.2%). The industrial sector employs workers primarily in the agro-alimentary branch (45%), followed by manufacturing (15%) and building (15%).



Cancer care facilities
The area is served by one main general university hospital, two small public hospitals and three private ones; the hospital of Parma houses a division of Medical Oncology, including a section for cytopathological diagnosis, and a radiotherapy Service.

Registry structure and methods
The PCR is located at the Medical Oncology Division of the local hospital; the staff is made up of a medical doctor as Director, a statistician as data manager, and a full-time biologist for collecting and decoding data. Information regarding new cases is obtained through examination of discharge forms from public and private hospitals (representing the first level of information for each case, independent from the hospital where each patient was treated), oncological outpatient clinics, day hospitals, death certificates, and from the two archives of pathology services. The staff has direct access to the public pathology archive; the private hospitals annually provide the registry with electronic data. For extra-provincial hospital discharges, diagnoses are detected through an official inquiry to the department's director, or consulting the patient's family doctor by written request. Patient vital status is easily updatable, since PCR has access to the computerised registry database of the Local Health Service.

Data are regularly submitted to IARC Check program. Complementary evaluations have been made to compare our data (incidence trends and crude rates, percentage of MV/Dco, relative and observed survival rates) with those of neighbouring registries, and to examine the main features of special sub-areas of Parma Province (urban/rural area, altimetric zone, health service districts, etc.).

Interpreting the results
Two screening services began to operate in the area of registration: the population aged 50–69 has been screened for breast cancer since 1997 and the population aged 24–67 for cervical cancer since 1998. Some recent, increasing trends of incidence—breast and prostate cancer—reflect the diffusion of early diagnosis due to voluntary screening and asymptomatic forms through PSA testing. Trends in melanoma can be interpreted as being related to previous underestimation. M/I ratio offers an encouraging sign of the level of completeness obtained for each site. PCR continues to integrate and correct data previously collected.

Use of the data
Study data are aimed on one hand to promote the comparison of data and collaborative studies with other Cancer Registries, and on the other to support Health Services programming by estimating and quantifying the cancer burden.

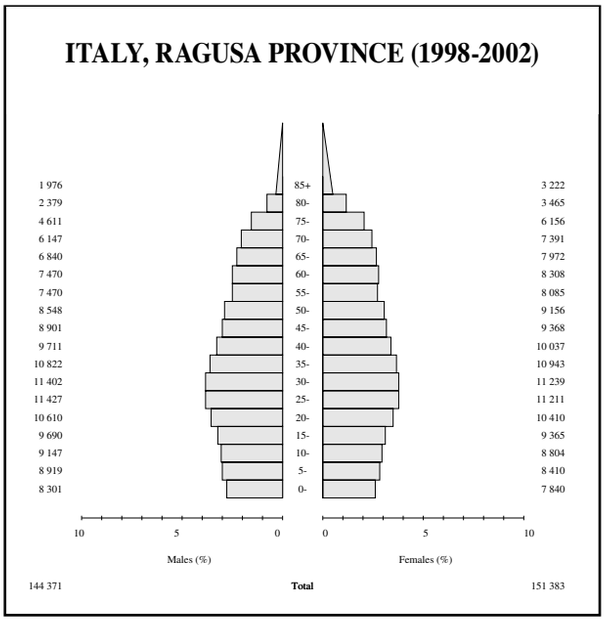
Source of population
Estimates (ISTAT http://www.istat.it).

Multiple primary rules used
IACR rules (2004) on historical data.

Italy, Ragusa Province

Registration area
The Ragusa Cancer Registry (RCR) covers the population of the province of Ragusa in southeast Sicily (Italy). At the 2001 census the population was 295 264 (5650 of whom were migrants, mainly from North Africa) living in small to medium-sized municipalities: the largest is Ragusa city, with 68 000 inhabitants; 9 cities consist of 8000 to 50 000 inhabitants, and in two villages the population accounts for 3000 people. Almost all people are white and Catholic; about 20% of the working population is involved in agricultural occupations (mainly farming and cattle).

Cancer care facilities
The local health system is arranged in one Main Hospital (Azienda Ospedaliera "Civile M.P.Arezzo", Ragusa), one Local Health Authority (AUSL 7) that includes one private and 4 small public hospitals, and 350 general practitioners. There are two histopathological units, one oncological department and one radiotherapy unit; all of the public radiological departments have CT facilities, and the main public hospital provides MRI exams. All of the 7 surgical units of the local hospitals provide cancer surgery. A district-based breast cancer screening programme was established in 1995, covering half of the province's female population aged 50–69 years.



Registry structure and methods
RCR is part of the Oncological department of the main hospital (Azienda Ospedaliera "Civile M.P.Arezzo", Ragusa). It is funded by the hospital itself and the Sicilian Government. The staff consists of a half-time medical doctor pathologist (director), two full-time social workers, and 12 part-time collaborators. Cancer registration is essentially an active process by means of field workers who abstract the required information from hospital admission/discharge files and clinical notes; case finding is also performed at pathology laboratories, radiotherapy units, oncological outpatient clinics and the local private TC centre (CITC srl Ragusa); a notable source of cases are the administrative offices that deal with cancer patients' needs (i.e. exemption from cancer care and diagnostic charges). The local vital statistics and death registration offices provide RCR with all death certificates where cancer is mentioned. Municipal registers are involved for validation of the identity and residential data of each registered case, and checking vital status.

Ragusa Cancer Registry is carrying on a linkage study in order to evaluate the completeness of registration by comparing the records already detected from clinical notes with the Sicilian computerised hospital discharge recording system; the latter is an independent source of data that includes all hospital discharges of all of the patients resident in Ragusa province who were admitted in any Italian hospital.

Interpreting the results
Cancer occurrence in Ragusa province has been slightly increasing in the last ten years, but this area is still at a lower cancer risk in comparison to other registries from western countries. This is mainly attributable to Mediterranean dietary habits and to a lesser extent to the un-polluted environment. Despite this low risk, the 5-year relative survival ranks among the lowest in comparison to North European cancer registries; this low survival seems to be related to an advanced stage of the tumour at diagnosis.

The main change in the period 1998–2002 that may have affected cancer registration was the settlement of the radiotherapy unit and public CT facilities: this has made it possible to retrieve core cancer data like anatomic site, histological reports and stage at a more detailed level.

PSA testing has become more common since 2000, and prostate needle-biopsies have been increasing from year 2001 according to the data of the local surgical pathological laboratories; these practices may have slightly affected the local prostate cancer occurrence in the period 1998–2002.

Use of the data
Data are sent to the Italian Association of Cancer Registry, which publishes periodical national reports including specific tables of RCR. RCR is a collaborating centre for the European Prospective Investigation into Cancer and Nutrition (the EPIC study), and a partner and member of the EUROCARE and EUROCHIP studies and the EU-funded research EPIC-ELDERLY, the EU integrated project INTERACT and EU-coordinated action HECTOR. RCR data have been used for evaluation of the local breast cancer screening programme (the Italian IMPACT study).

Source of population
Intercensus estimate by Italian Institute of statistics (ISTAT) for 1992–2000, census for 2001, intercensus estimate by Italian Institute of Statistics for 2002.

Multiple primary rules used
IACR rules (2004) on historical data.

Italy, Reggio Emilia Province

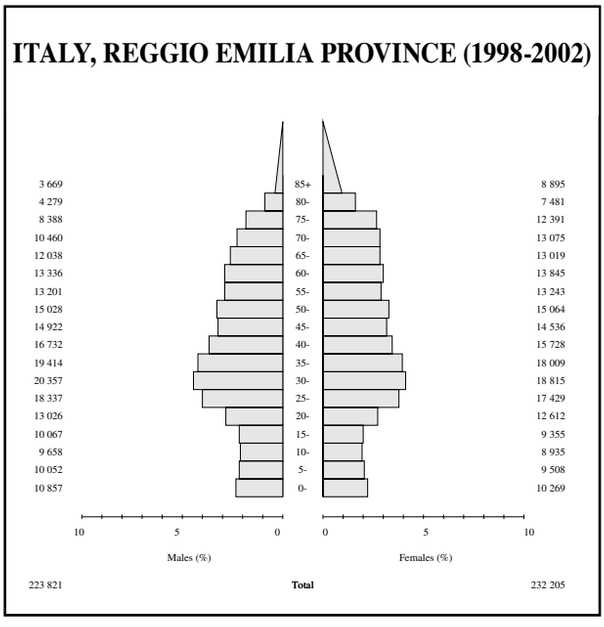
Registration area
The Reggio Emilia Cancer Registry (RECR) covers the population of Reggio Emilia Province in the centre of the Emilia-Romagna Region, in north Italy. Reggio Emilia is characterised by an interesting and varied landscape that ranges from the vast plain in the North, where the main Italian river (Po) flows, to the Apennine Mountains in the South, which reach a height of 2150 meters.

The territory is divided into 45 municipalities, the principal one being Reggio Emilia, which accounts for more than 142 000 inhabitants.

The total population at the end of 2003 was 477 534; foreign residents represented 6.4%. The most common foreign groups came from North Africa, Eastern Europe and Central-South Asia.

Reggio Emilia is a highly industrialised area: the principal industries are mechanical and ceramics production, although agriculture is also present.

Until the late 1980s, some of the most important Italian asbestos cement factories were in this province, although the number of workers employed there was limited.



Cancer care facilities
Public healthcare is provided by the territorial-based Azienda USL and the Arcispedale Santa Maria Nuova (ASMN) hospital. The Azienda USL is divided into 6 healthcare districts, each with its own hospital. The ASMN includes several healthcare facilities: oncology and radiotherapy departments (both since the 1970s), digestive endoscopy, dermatology and pathology departments. In each healthcare district there is a medical oncology unit.

At present, there are three working screening programmes in the province of Reggio Emilia: for breast and cervix cancers (since 1994) and for colorectal cancer (since 2005).

Registry structure and methods
The RECR is recognised and financed by the Emilia-Romagna Region.

The registry is physically located at the Unit of Epidemiology of the Department of Public Health.

The staff is composed of an oncologist as director, three biologists as data collectors, one statistician and one healthcare planning administrator.

The purpose of the registry, since its founding in 2001, has been to collect cancer incidence and survival for the target population, to promote 'ad hoc' studies and to collaborate with studies organised by other institutions. These activities contribute both to producing scientific reports and publication and to improving cancer prevention and control in the province of Reggio Emilia.

The main sources of information are: the files of the two pathology services, hospital discharge records and death certificates. Site-specific cancer registry information (i.e. mesothelioma, melanoma, breast and cervix) is also used to improve the accuracy of RECR data.

At the end of each incidence year, data are checked using IARCcrgTools. Other checks are also performed to evaluate data completeness and validity (mortality incidence ratio, the proportions of DCO, cases with morphological confirmation, and unknown cases). When data have been processed, incidence trends are analysed.

Interpreting the results
Population-based breast and cervical cancer screening programmes might influence the incidence rates. It should also be underlined that increasing use of PSA testing most likely caused an artificial rise in the incidence of prostate cancer.

Use of the data
The registry publishes data periodically on incidence, mortality and survival. The RECR is involved in several in-house and collaborative studies. These cover many fields: from epidemiological studies to clinical research, public health surveillance and social inequality studies.

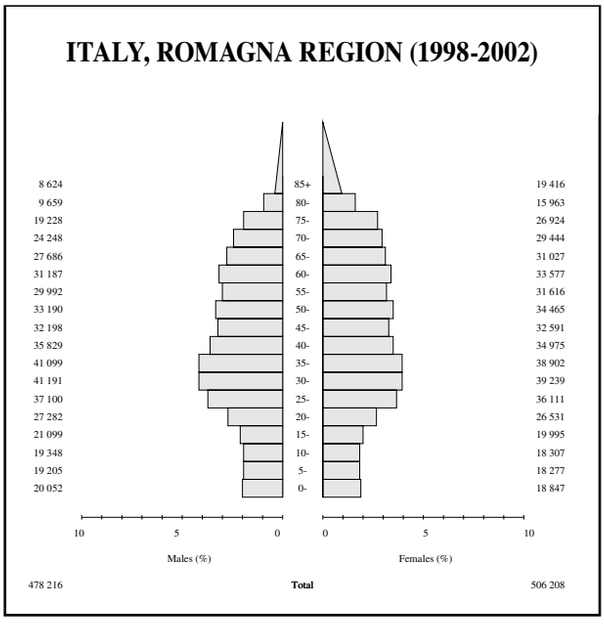
Source of population
Census 2001 and population estimates for 1998–2000 and 2002 (National Institute of Statistics, ISTAT).

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Italy, Romagna Region

Registration area

The area covered by the Romagna Cancer Registry is part of the Emilia-Romagna region situated in the northeast of Italy. The Romagna region extends from the Adriatic Sea in the east to the borders of the provinces of Bologna in the west, Ferrara in the north, Florence and Pesaro in the south. The population is fairly stable. Among residents, the prevalence of non-Caucasians as well as of foreigners is low. The Romagna region amounts to 4769 km². The south of the region (48% of the total surface) is hilly and sparsely populated. The area is subdivided into three provinces (Ravenna, Forlì-Cesena and Rimini) with a total of 68 municipalities. The population density is 158/km² in the Province of Forlì-Cesena, 199/km² in the Province of Ravenna and 544/km² in the Province of Rimini. The area is socioeconomically homogeneous. The proportion of adults employed is 59.9–60.5% for men and 40.5–42.9% for women. The industrial and agricultural sectors employ 29.6% and 7.5% of the active population, respectively.



Cancer care facilities

The Romagna region has 13 public (National Health Service) hospitals and 15 certified private hospitals. The total number of hospital beds is 5163 (or 5.2 per 1000 residents) with 221 821 annual discharges. The number of general practitioners is 836 (0.84 per 1000 adult residents). Cancer care facilities in the area include medical oncology departments and centres for early detection of cancer at the hospitals of Ravenna, Forlì, Faenza, Lugo, Cesena, Rimini and Riccione. The hospital-based oncology departments in the three provinces of Romagna (Forlì-Cesena, Ravenna and Rimini), offering a total of 168 beds (87 inpatient and 81 outpatient), have long been working towards a greater understanding of all aspects of the cancer problem, with the final aim of improving the quality of health care and patient management. The Cancer Institute of Romagna (*Istituto Scientifico Romagnolo per lo Studio e la Cura dei Tumori* [IRST]) has recently been established to further enhance the already high-quality health care for cancer patients of the region and to become a cancer centre of excellence for central Italy. Part of the institute's mission is to take in hand the fundamental research programmes and activities that the public health sector cannot cope with.

Registry structure and methods

The Romagna Cancer Registry was funded by the Istituto Oncologico Romagnolo until 1995, and has been supported by the Government of the Emilia-Romagna Region since 1995. The major information sources for the Romagna Cancer Registry are the archives of histology and cytology reports, hospital discharge forms, outpatient records of the medical oncology departments, the archives of private clinics, and death certificates obtained from the departments of public health of local health care districts. The registry is staffed by an epidemiologist, two statisticians, and 12 data managers.

Interpreting the results

Between 1996 and 1997, population-based screening programmes for breast cancer and cervical cancer were progressively implemented in each of the four health care districts of Romagna. In 2005, a screening programme for colorectal cancer was also launched.

Use of the data

Incidence data from the Romagna Cancer Registry are published through the IARC, the Health Department of the Emilia-Romagna Region, and the Italian Association of Cancer Registry (AIRTum). The registry participates in many research projects coordinated by the AIRTum. The active contribution of the registry to local cancer control strategies includes situation analyses (studies of the patterns of stage, diagnosis and treatment of major malignancies) as well as cervical and breast cancer screening monitoring. The registry database has been used for several cohort and case–control studies. Most of these have addressed the relationship between diet and digestive tumours, diet and breast cancer, pesticides and haematopoietic malignancies. Others have evaluated the risk of breast cancer for women bearing breast cysts and the risk of colorectal cancer for subjects undergoing polypectomy. The registry participates in the planning, conduct and analysis of numerous studies aimed at validation of diagnostic techniques and evaluation of health services.

Multiple primary rules used

IACR rules (2004) on CI5 IX period.

Italy, Salerno Province

Registration area
The Salerno Cancer Registry (SCR) covers the population of the whole Province of Salerno. It is the largest province in the Campania Region, consisting of 158 municipalities. The province of Salerno extends from the Tyrrhenian Sea in the west, to the borders of the provinces of Napoli and Avellino in the north and Potenza in the southeast. The vast area of Salerno has a varied territory, divided into inland hills (that cover 45% of its total area), mountains (29%) and coastal hills (15%), while only 11% is covered by plains.

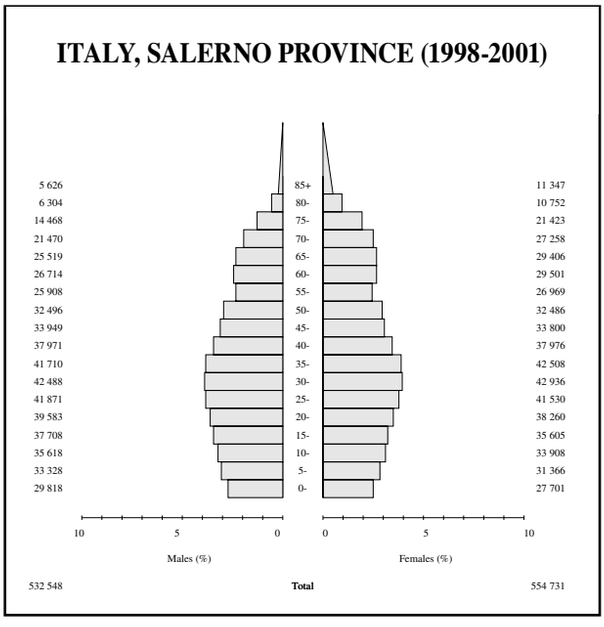
Salerno is characterised by a densely populated urban area with a number of industrial activities in the north and by a wide rural area in the south. Coastal settlements and mountain villages are found in the west and in the east respectively.

Registry structure and methods
The registry is supported by the local administration (Provincia di Salerno) and is staffed by a Director, a data collection coordinator, an IT manager, two full-time registrars and five part-time workers.

Almost all sources of information (pathology reports, hospital discharge forms and death certificates) come from electronic media, but they are processed by registry personnel without any automated coding. Compared with the cancer registries of northern Italy, a higher proportion of patients are likely to be diagnosed and treated in hospitals located outside the province of Salerno. In order to assure the completeness of the data, the staff of SCR actively collects hospital discharges and pathology files from these hospitals.

A huge population data file allows us to prevent double registrations. Follow-up status is periodically updated, and this procedure consists of annual linkage with the mortality registry and by active research for vital status in the registry offices.

Interpreting the results
Incidence rates are influenced by a probable risk gradient between the urban north and the rural south. In the north some areas are also potentially affected by water pollution due to past industrial contaminations. A population-based screening programme for breast cancer was implemented only few years ago; we expect that it will affect breast cancer incidence and mortality rates only in the future.



Use of the data
Reports on incidence, mortality and survival are periodically provided by the Salerno Cancer Registry to general practitioners, public health professionals and epidemiologists. Specific and collaborative studies on survival, dietary and other risk factors are in progress.

Source of population
Census 2001 and population estimates for 1998–2000 (Istituto Nazionale di Statistica – ISTAT).

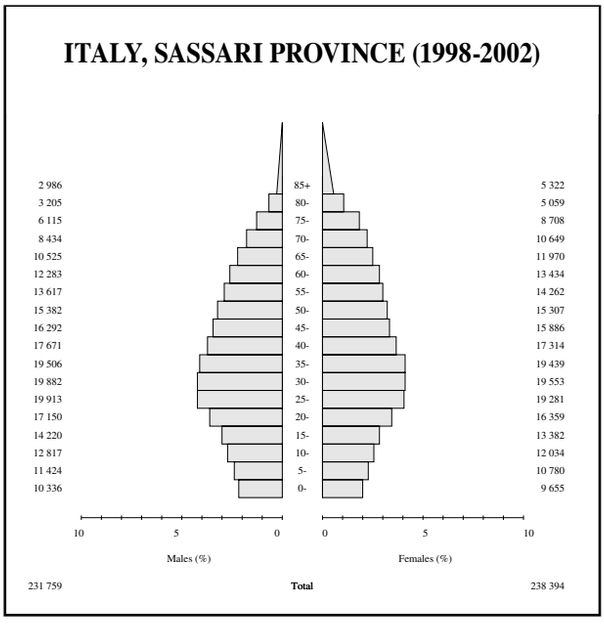
Multiple primary rules used
IACR rules (2004) on historical data.

Italy, Sassari Province

Registration area
The Sassari cancer registry covers the population of Sassari province in the Mediterranean island of Sardinia (Italy). The population at the most recent census (2001) was 453 628. Between 1991 and 2001 there was a small population decrease of about 0.3% (1276 persons); nevertheless in the previous decade there was an increase of about 4.5% (20 286 persons).

The province covers 7520 km^2 and has a population density of 60 persons/km^2, nearly 1/3 of the national population density. The population is not evenly distributed across the land; the provincial chief town has 128 000 inhabitants; three towns have 30 000–40 000 inhabitants, three towns have 10 000 inhabitants and all the other people live in 83 small villages.

With few exceptions, the population is of the same race and the same culture. The economic activities are mostly agriculture and tourism. In the north of the area there are also two harbours for trade and one cracking plant.



Cancer care facilities
The National Health Service provides general health care through 1 regional and 4 district hospitals and primary health centres. Private practitioners supplement this.

The oncology department is located in the regional hospital in Sassari, and provides facilities for diagnosis, PSA testing as a routine procedure for elderly people, cancer surgery, and chemotherapy services.

Patients suspected to have cancer in the primary and secondary care facilities are mostly referred to district or regional hospitals. Usually patients are referred to district hospitals, but can also use hospitals in other provinces or outside of the island.

Registry structure and methods
The registry is a result of the work in partnership between the Epidemiology Service of Azienda Sanitaria of Sassari and the Anatomy and Histopathology Institute of Sassari University. It is funded by Azienda Sanitaria and is located in the Epidemiology Service. Four epidemiologists and two health workers staff the registry.

The registry collaborates in research with the institute of Anatomy and Histopathology Institute of Sassari University and the genetics OU of the CNR in order to define the prevalence of some genetic markers (BRCA, BRAF) and their influence on the prognosis of tumours.

The Sassari Cancer Registry (SCR) has collected, starting from 1 January 1992, all cases of malignant tumours occurring in the Sassari province. Particularly, all tumours listed in sections 140-208 of the ICD-9 and in sections C00–C97 of the ICD-10; intracranial and spinal neoplasms, malignant and benign; *in situ* carcinomas are normally collected but not utilised to calculate incidence, except urinary bladder carcinoma. The cases with insufficient detail are considered just when evidence is clear or when a tumour diagnosis is found on the death certificate.

The variables collected are: health unit to which patients belong, name, place and date of birth, sex, marital status, address, occupation or social class, attending physician, hospital and department of admission, site of tumour, presence of tumour in other family member, basis of diagnosis, grading, extension (or TNM) of neoplasm, leading treatment, causes of death, and place and date of death.

The registry receives the list of all persons admitted to Sassari Hospital and the list of biopsies. In addition, we use active casefinding in two regional hospitals (Sassari and Nuoro), in five district hospitals, in all medical offices for oncology and in the death registration offices.

Registry staff visit these sources periodically, and scrutinise the medical records of departments concerned with diagnosis and treatment of cancer, to identify and abstract information on cases of cancer, diagnosed by all methods, among residents of the registry area. Cancer is not a reportable disease, and the registry does not receive information about cancer cases from private practitioners. Arrangements have been made with the hospitals outside the region to notify the cancer cases in Sassari residents that are diagnosed or treated in their area.

In order to verify the completeness of the registry, the mortality/incidence ratio and DCO percentage are calculated annually, and the list is linked with that of the hospital's inpatient records and biopsies.

Interpreting the results
In the registry area, hospitals and diagnostic facilities are adequate in number and well distributed in the territory, so that it is unlikely that cases referred will be missed. Also, ASL operates a screening service for breast cancer and cervical cancer.

Use of the data
The registry prepares an annual report of cancer incidence highlighting changes and peculiar tumours (e.g. Kaposi sarcoma, chronic myeloid leukaemia, chronic lymphatic leukaemia), and points out the registered cancer cases survival after five years from registration.

The data of the registry have been used from the regional government to define cancer-control plans.

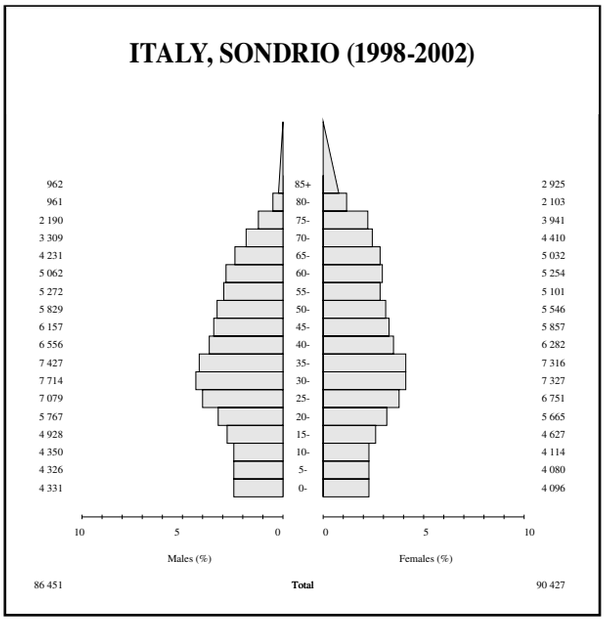
Source of population
1992–2002: Intercensal estimates (based on the 1991 and 2001 census data, making allowance for births, deaths and migration into and out of the province).

Multiple primary rules used
IACR rules (2004) on historical data.

Italy, Sondrio

Registration area
The Sondrio Registry covers the population of the district of Sondrio in Northern Italy. It is a predominantly mountainous district, but about 68% of the population lives under 600m above sea level, 18% from 600–1000m and the remainder over 1000m. The main city is Sondrio, with 23 000 inhabitants. The greater part of the population lives in rural areas or small towns with <5000 inhabitants. The population is Caucasian (99.8%), and predominantly Christian. Women (51.1%) have longer life expectancy (median age of death for males is 74 years; for females, 84 years). In the district of Sondrio a small proportion of immigrants (1.4%) were registered in the national census of 2001.

Cancer care facilities
The public health services department, through 4 public hospitals and a network of primary health centres, provides general health care in the region. Hospitals provide cancer surgery, thoracic surgery, neurosurgery, haematology, radiotherapy and chemotherapy services and imaging services (4 CAT scan, 2 NMR). About 15% of patients with cancer are referred to secondary care in hospitals in Milano (120km distant).



Registry structure and methods
The registry is located within the Public Health Department, which provides physical and financial support. The registry is staffed by a full-time medical doctor (epidemiological specialist), a full-time nurse (registrar), and a part-time informatics specialist. The Istituto Nazionale per la cura dei Tumori of Milano (INT) provides technical and epidemiological support.

The registry receives all Italian Hospital Discharge Data of inhabitants in the area of the registry, databases of pathology laboratories in Sondrio and Milano area and mortality databases (pre-coded data). The registry scrutinises the records with cancer diagnosis or treatment and recodes all cancer cases. The staff scrutinises registers of radiotherapy and chemotherapy services and of hospitals when cases are uncertain.

If DCO (Death Certificate Only) cases are detected, the registry interviews the practitioner. Quality control, i.e. evaluation of DCO, of percentage of microscopically verified cases, of mortality/incidence ratio, of time trends, external comparison with Italian Registries, and capture-recapture analysis with independent databases (the Registry of Mesotheliomas, Italian Association of Paediatric Oncologists), are carried out with INT. The registry began the registration of incident cases in 1998 and has collected 6600 prevalent cases (with incidence date before 1998).

Interpreting the results
The population within the area is stable, and there have been no changes in the availability of diagnostic and treatment services or in definition and coding.

Screening for breast cancer by mammography has been active since 2000; screening for melanoma has been offered since 1999. The number of PSA tests is increasing; in 2004 there were 16 000. In the past many workers have been exposed to siliceous powder, and in 2004, the prevalence of silicosis was 800 cases.

Use of the data
The registry prepares an annual report of cancer incidence and survival. The data are used for evaluation of health services (for example migration of patients, terminal care). Some special studies on therapy for breast cancer have been carried out.

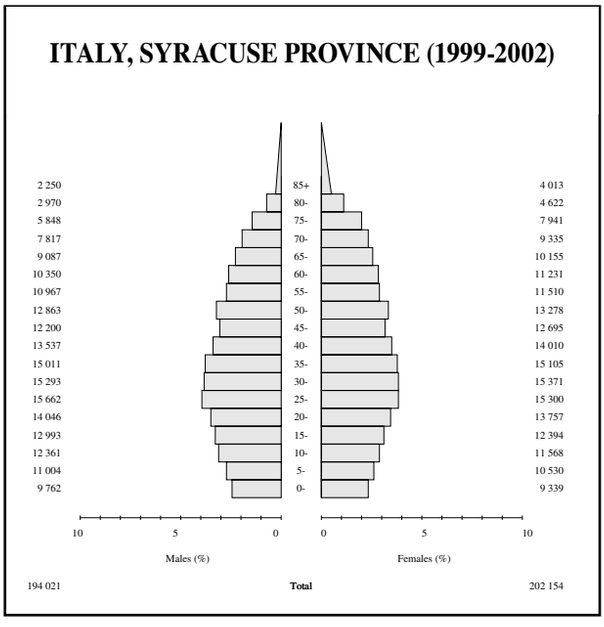
Source of population
Census 2001 and population estimates for 1998–2000 (National Institute of Statistics, ISTAT).

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Italy, Syracuse Province

Registration area

The Syracuse Cancer Registry inhabits the Territorial Registry of Pathology (RTP) of the Local Health Authority of Syracuse. The Registry covers 21 municipalities within the province of Syracuse in southeast Sicily. The area consists of a western highland with altitudes ranging from 450–865m, and an eastern coastal plan facing the Mediterranean Sea. The province borders the province of Catania in the north and the province of Ragusa in the south. The population density is 193 inhabitants/km^2. The province has about 400 000 inhabitants; the principal town, Syracuse, has about 123 000. People over age 65 comprise 15.5% of the population; those under age 14 comprise 17%. The area is socioeconomically heterogeneous, with an industrial economy in the cities of Augusta, Priolo and Melilli, and an agricultural economy in the north (District of Lentini) and south (District of Noto). The great majority of Syracuse's population is employed in tertiary activities, especially tourism. With a few exceptions, the population is of the same race and the same culture.



Cancer care facilities

In the area covered by RTP there is a main hospital (A.O. Umberto I) in Syracuse and four other public municipal hospitals (in Lentini, Augusta, Avola and Noto), five certified private hospitals and 396 general practitioners. The Syracuse and Avola hospitals have medical oncology units with chemotherapy services. There are no radiotherapy services. The province has few cancer care facilities; many patients are admitted to hospitals and specialised institutes outside the RTP area at the University of Catania. Many cases are diagnosed and treated in extra-regional hospitals with comprehensive cancer services (esp. in northern Italy).

Registry structure and methods

The registry is sited within and supported by the Healthcare District of Syracuse. RTP was established in 1997 by the Sicilian Government with the partnership of Department of Hygiene of the University of Catania and the Syracuse Local Health Authority. In 2005 it joined the new Integrated Cancer Registry (RTI) of the Province of Catania, Messina and Syracuse. Two full-time epidemiologists, one part-time epidemiologist, two full-time health nurses and one full-time registrar staff the registry, with MDs and undergraduates (epidemiologist and pathologist) of the University of Catania. RTP started on 1 January 1999, after a one-year experimental phase to evaluate feasibility and to collect prevalent cases. Registration is voluntary and based on active casefinding.

The major information sources for the Syracuse Cancer Registry are histology and cytology reports, the regional archive of hospital discharge forms, hospital clinical records, the archives of private clinics, clinical and administrative records of local healthcare districts, and death certificates obtained from the department of public health. The registry checks municipality rosters for vital status.

Since 1996 the Registry has received from the Regional Department of Epidemiological Observatory the records of all residents admitted to any regional or extra-regional hospital. Active casefinding is undertaken in hospitals, pathology laboratories, and local healthcare districts. The department of public health provides copies of death certificates for all causes. Arrangements have been made with hospitals outside the region to notify the Syracuse residents diagnosed and treated in their area. A traceback is performed for undefined malignity, unknown primary site, with outpatient record as the only source or other missing information as well as death certificate notifications. Traceback includes contacting the general practitioner and rescreening the sources.

Data collection and registration is done in three steps: a) checking data quality and linkage with the other information; b) evaluating and coding all cases by two epidemiologists; c) computer entry with IARC CanReg software. Follow-up procedures include periodic record linkage with mortality data. Specific procedures and keywords restrict file access.

Interpreting the results

The insufficient cancer care facilities and the number of cancer patients hospitalised outside the province create many problems for casefinding. Differential distribution of environmental and occupational exposure can lead to different incidence rates. In the registry area some suspected etiological factors have been investigated. Chemical industries in Augusta, for example, represent the main source of water and air pollution that influence the high incidence rates of several tumours, especially of lung cancer.

Since 2001 there have been population-based screening programmes for breast cancer and cervical cancer in Syracuse city (although breast cancer screening was interrupted in 2004). PSA testing is commonly used as a diagnostic technique, but not in organised screening programmes.

Use of the data

The Registry aims to identify cancer incidence in an area (southern Italy) formerly covered only by the Ragusa Cancer Registry, that has low incidence rates, probably related to Mediterranean dietary habits and lifestyle. The registry seeks to establish these incidence rates to evaluate future needs and to target prevention activities appropriately. The registry contributes to local cancer control strategies via monitoring cervical cancer screening and evaluating health

services. The registry prepares an annual report of cancer mortality and, more recently, of incidence as well. The Registry is not currently involved in national or international epidemiological research, but data are provided to the Local Health Unit and the Regional Government for planning health services. Survival studies will be possible after five years of recording.

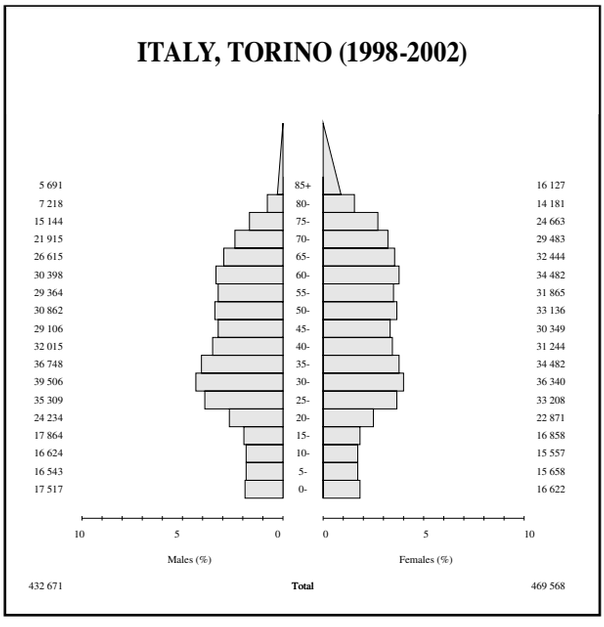
Source of population
Source of population is the 2001 census, taking into account birth, deaths and migration, produced by the National institute of Statistics (ISTAT).

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Italy, Torino

Registration area
The area covered by the Piedmont Cancer Registry corresponds to the city of Torino, which is the main city of the Piedmont Region, in the northwest of Italy. At the year 2001 census the population was 902 235 inhabitants. The present population structure is still influenced by significant internal migration: 4.4% of the population was born in the northeast of Italy, 4.5% in the centre and 26.6 in the south. This composition may influence incidence figures, as people born in southern Italy have lower risk profiles than people born in northern regions.

Cancer care facilities
In Turin and its surroundings there are 14 public hospitals and 12 private clinics: all these hospitals and clinics offer cancer treatments in varying proportions. Recently the Piedmont Region has developed a regional network for cancer services with four sub-areas serving the city of Turin. Since 1992, two screening programmes have been set up in the Turin area: mammographic screening for women aged 50–69 years and cytological screening for women 25–64 years of age. In 1998 a screening program for colon cancer was implemented, based on sigmoidoscopy for men and women aged 58 years or faecal occult blood test for men and women between 59 and 69 who refused the sigmoidoscopy.



Registry structure and methods
The Registry is a part of Centre for Cancer Prevention (CPO). The registry is staffed by a director, two epidemiologists, two full time registrars and six part-time registrars. Sources of information and methods of registration remained unchanged in recent years.

The principal sources of information for the Registry are: a) the hospital archive of clinical records; b) the regional archive of hospital discharge forms; c) pathology reports; d) the archives of Day Hospitals and Radiotherapy Services; e) health insurance files for those cases treated outside the region; and f) death certificates. The Registry has access to the municipality roster in order to check personal data for vital status. Registration is carried out in an almost completely active manner. The collection of data comes about in two steps: a) a provisional input into a portable computer, carried out at hospital archives after reading clinical records and histological reports; b) a definitive input, after checks for data quality and linkage with other information. Follow-up procedures include periodical record linkage with the mortality Registry and the active follow-up in the municipality rosters.

Interpreting the results
During recent years, the incidence trend slowed its increase. Tobacco- and alcohol-related cancers are clearly decreasing in both sexes, with the only exception being lung cancer in women.

Breast, colorectal and prostate cancers are increasing, mainly due to the screening programs (for breast and colon) or the increasing use of opportunistic PSA testing.

For more than a century, Torino has been the Italian capital of automotive industry (cars, trains, trucks, planes). In recent decades, automation of the production processes had importantly cut the proportion of manpower, as well as had improved the working conditions and put occupational hazards under strict control. However, due to the latency of cancer induction, a consistent occupational etiological fraction is still present in the Turin cancer incidence of mesothelioma, lung and bladder cancers. Furthermore, this heavy industrial environment, together with road traffic, has also induced significant air pollution, responsible for a further fraction of respiratory cancers.

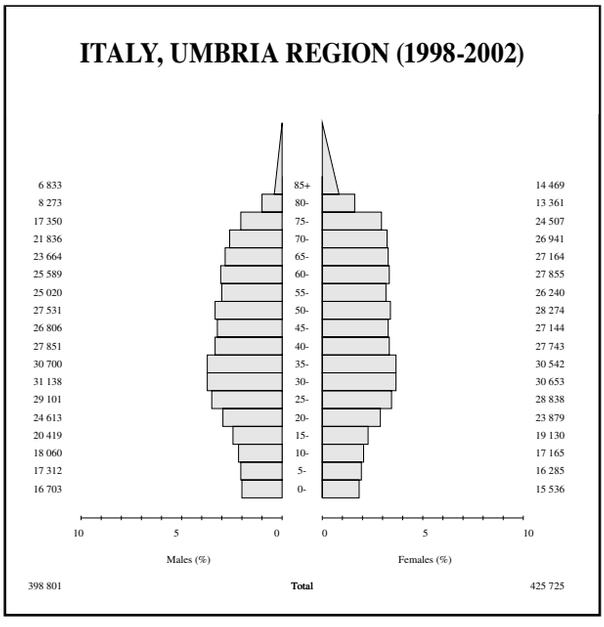
Use of the data
The registry provides periodical reports on cancer incidence, prevalence, mortality and survival, published and updated on the web (www.cpo.it). The data are used by local heath authorities for planning for the regional network of cancer services. The data are also sent to the Italian Cancer Registries Association database. The Torino branch of the EPIC cohort study is annually linked with the Piedmont Cancer Registry in order to check the occurrence of cancers. A follow-up facility is also provided on demand for clinical epidemiological studies.

Source of population
Municipality rosters (balance of resident population recorded by the municipality roster at the end of each year).

Multiple primary rules used
IACR rules (2004) on historical data.

Italy, Umbria Region

Registration area
The Umbrian population-based Cancer Registry covers the population of the Umbria Region. Umbria is a small Region in central Italy, divided into two Provinces. The regional population was 825 826 inhabitants (426 664 females) at the last census (2001). The region's area is 8456 km^2, and population density is about 96 inhabitants per km^2. The population is older than the Italian average: the ratio of people >65 years old to all residents is over 23%. The population is stable, growing slowly due to migration while natural balance is negative. Foreigners, most of them coming from Eastern Europe and North Africa, form about 2% of the resident population. Nearly 70% of people live in centres of >5000 inhabitants. The great majority of Umbria's population is employed in services and industry (agriculture 6% both sexes). The unemployment rate is at 8.9%.



Cancer care facilities
Health care is provided mostly in public hospitals and districts of the 4 Local Health Services. There are 2 main teaching hospitals and 18 public hospitals in the region with 3949 beds overall, as well as 5 private clinics.

The main specialised oncology centres (including clinical oncology, surgical oncology, paediatric oncology, radiotherapy and haematology specialties) are located in the two larger cities, Perugia and Terni (maximum distance within the region 55km). As an overall technology investment indicator 18 TC, 7 RMN, and 2 PET are available in the regional centres (data from Osservatorio Regionale Tecnologie).

Registry structure and methods
The Cancer Registry is managed at the Department of Hygiene of the University of Perugia. The registry is funded by the Regional Health Authority while staff and equipment are supplied by the University. All the staff is yet part-time. Sources used for casefinding include public and private clinics/hospitals outpatient records, pathology reports, radiotherapy outpatient records, and death certificates.

Relevant information for eligible cases (i.e. residents) is abstracted from medical records of 20 public and 5 private hospitals. Other sources of data are cytology centres for cervical cancer screening, personal case histories and independent studies, reimbursement requests for patient treated outside the region, and other cancer registries.

A traceback is performed for cases of undefined malignity, of unknown primary site, with outpatient record as the only source or with other missing information besides death certificate incident cases. The traceback procedure includes contacting the family doctor and re-abstracting or re-screening of acquired sources.

Interpreting the results
Opportunistic screening for cervical cancer was introduced long ago. More recently, the opportunistic screening was supplanted by an organised programme, and an organised screening programme for beast cancer was also introduced (1999). Opportunistic screening activities for prostate cancer and melanoma do exist, but are perhaps less widespread than in most other northern Italian regions. Invitation letters for the first round of the large bowel screening program are now being distributed. Historically, there has been an area of high risk for gastric cancer in the north of the region.

Use of the data
Annual incidence and survival reports are produced and distributed. A survival study by prognostic factor for breast and large bowel cancer is ongoing. The registry participates in various multicenter researches (e.g. the EUROCARE study on patient survival, the OCCAM study on occupational cancer monitoring, and the IMPACT study on breast cancer screening effectiveness). Policymakers also use registry data for planning and evaluation of health services.

Source of population
Census 2001 and population estimates for 1998–2000 and 2002 (ISTAT).

Multiple primary rules used
IACR rules based on ICD–O–1.

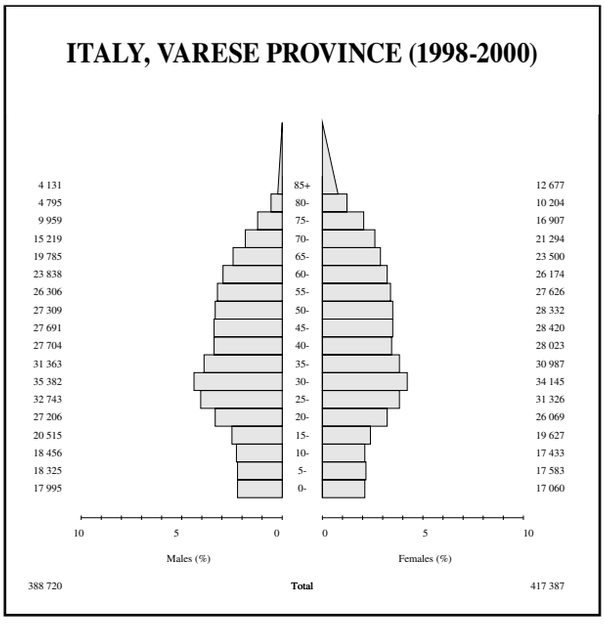
Italy, Varese Province

Registration area

The Province of Varese is in northern Italy. It is bordered to the north by Switzerland, to the west by Lake Verbano and the river Ticino, which mark the border with the Region of Piedmont, and to south and east by two other Provinces of the Region of Lombardy, to which Varese Province also belongs. The northern part of the Province is mountainous; the southern part encompasses part of the Lombardy plain and is flat. The Province has an area of 1198 km^2.

The population has increased considerably since the 1960s (581 526 in 1961; 807 579 in 2000). In these years considerable numbers of people have moved into the Province from eastern and southern Italy. Those who settled tended to retain the distinctive dietary and cultural habits of their origins, which differ considerably from those of the indigenous population. These differences have made it possible to conduct descriptive studies on differences in cancer risk by place of birth and also to perform analytical studies on diet and cancer.

The population density is 695.6 inhabitants per km^2. The ratio of elderly to children (over 64 years/less than 15 years) was 132.8 in 2000. Currently about 43% of the working population are employed in industry—a considerable decline compared to 1971—and about 2% are employed in agriculture; it is not possible to partition the Province into urban and rural areas.



Cancer care facilities

The Province of Varese is served by 11 general hospitals, including one university teaching hospital with modern facilities for the diagnosis and treatment of cancer. There are also five private clinics. There are 3950 hospital beds; the hospitalization rate is 161/1000 per year.

Registry structure and methods

The Lombardy Cancer Registry, which serves the Province of Varese, was established in 1974; is it now called the Varese Cancer Registry. The Registry is supported by the Lombardy Regional Health Authority and is run by the Cancer Registry and Environmental Epidemiology Unit of the Milan National Cancer Institute. The professional registry staff consists of three epidemiologists, two data managers/statisticians, three case ascertainers and three clerks concerned with record linkage and the checking of data.

The Varese Cancer Registry uses an automated cancer registration system, called Open Registry (Methods of Information in Medicine 2005;44:66-71) developed in-house and based on the Linux operating system and Oracle database. The main electronic information sources are *hospital discharges*, routinely generated by all hospitals in Italy; *surgical pathology reports* from pathology units in the Province and, since 1998, from major pathology units outside the Province, which often examine specimens from persons resident in the Province; and *mortality data* from Local Health Units. Using the Open Registry software and translation tables to cope with the different information coding systems in use, 60% of cases are identified and accepted automatically. For the remaining cases, the clinical records are scrutinised manually. The accuracy of the automated system has been tested by comparison with manual registration and showed a site code concordance between the two systems (automated and manual) of 98.4%. In collaboration with Local Health Units of the Lombardy Provinces of Brescia, Mantova and Sondrio of the Lombardy Region, Open Registry has been exported to the Cancer Registries of these Provinces. The completeness of registration is monitored yearly using capture-recapture methods. Clinical consistency is also checked routinely by re-abstraction and manual recoding of a random sample of cases.

The Varese Cancer Registry participates in major epidemiological studies, including those of EUROCARE, ORDET, EPIC and ACCIS.

Source of population

Estimates (ISTAT http://www.istat.it).

Multiple primary rules used

IACR rules (2004) on CI5 IX period.

Italy, Veneto Region

Registration area

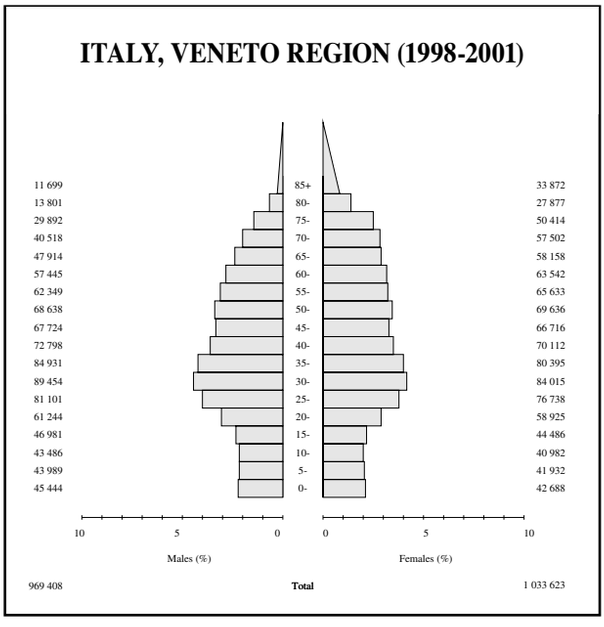
The Veneto Region is the largest region in Northeast Italy, with 4 527 694 inhabitants at the 2001 Census, 44% of whom (2 002 705 inhabitants) reside in the area covered by the Veneto Tumour Registry, which includes six of the seven major urban centres and almost all the mountainous part of the Region.

Immigrants make up 6% of the population covered by the Veneto Tumour Registry (source: Ministry of the Interior). Most of these come from Eastern Europe (47.8%) and from Africa (16.7% from Maghreb and 11% from other Countries); 15% are from Asia (including China).

Most Venetians are Christian Catholics, whereas half of immigrants embrace Christian religions (25% Orthodox Church, 17% Catholic, and 4% Protestant); a third of the foreign population is Muslim.

The Region encompasses many of the leading economic districts in Italy: the unemployment rate in 2001 was only 4.1%, compared to the national average of 11.6%.

At the 2001 Census, employment was distributed as follows: 4% in agriculture, 42% in industry and 54% in other activities (national averages are 5%, 34% and 61%, respectively): industrial activities are distributed throughout the territory rather than being geographically concentrated.



Cancer care facilities

Twenty-one Local Health Units (LHU) are responsible for all public health-related matters, including the management of all the hospitals in the Region (98 in the year 2000). Only the two major hospitals are managed autonomously. Most of the LHUs provide comprehensive services for cancer diagnosis, surgery and chemotherapy: radiotherapy and a few expensive diagnostic tools are available at least at county level (the Region includes seven counties), while patients with rare cancers or particular sites involved (i.e. brain tumours) are mostly referred to a restricted number of departments. Paediatric patients are treated in the two major hospitals.

Registry structure and methods

The Registry is financially supported by the Regional administration. The staff is composed of a physician (director of the registry), three registry operators, three statisticians, a data manager, two computer programmers and two clerks with secretarial and data-entry duties.

The registration system uses medical information, received annually from the following computerised and codified sources:

1. Hospital discharge records from all the hospitals in the region, transmitted by the Regional Department of Social Security and Health;
2. Death certificates relating to all deaths among residents in the region, transmitted by the same Department; and
3. Pathology records transmitted by the fifteen pathology laboratories covering the registered areas.

Furthermore, all the LHUs of the region transmit a copy of the population files, which are merged into a single archive, used as a reference for linking source records: the latter are evaluated using a case resolution programme that accepts: cancer cases where data from two or more sources are identical; histologically confirmed cases in the presence of other compatible hospital diagnoses (e.g. metastases or ill-defined sites); and histologically confirmed skin cancer unless combined with skin melanoma.

The programme rejects diagnoses based on only one source (unless based on histology), multiple primary tumours and discordant or incompatible diagnoses: in these situations manual checking is carried out by the registry operators, who where necessary gather further information from the local information systems of the LHUs and clinical records from the hospitals.

A quality assessment of automatically accepted cases was carried out by a re-abstraction study in the year 2002, with positive results, and a few corrections were consequently made to the programme.

Interpreting the results

The proportion of aged population has markedly increased: ageing index for the whole region, which was 107 in 1991, had become 136 in 2001; in the area covered by the registry it rose from 119 to 145.

A prevention programme for early detection of skin melanoma has existed since 1990. Organised screening for breast and cervix cancer detection started in 1998 in three and five LHUs, respectively, and progressively included further LHUs. PSA testing became a routine practice in the late 1990s.

Use of the data

Incidence figures with LHU details are reported on the Registry website, as well as prevalence and survival figures for the entire Registry area: a report has also been prepared and some small area analyses of incidence and mortality have been carried out.

The Registry collaborates with all other Italian Registries in research projects and publications of incidence, prevalence and survival data.

The Veneto Tumour Registry is currently involved in epidemiological researche (EUROCARE IV, Concord, Haematocare, ACCIS, Eurocim, and others).

Veneto Tumour Registry's data are used for drafting the Oncological Regional Health Plan of the Veneto Region.

Source of population
1997–2000: Municipal registries estimates of population at 31st December (source: National Institute of Statistics, ISTAT). 2001: census, National Institute of Statistics, ISTAT. 2002: Municipal registries estimates of population at 31st December (source: National Institute of Statistics, ISTAT).

Multiple primary rules used
IACR rules (2004) on historical data

Latvia

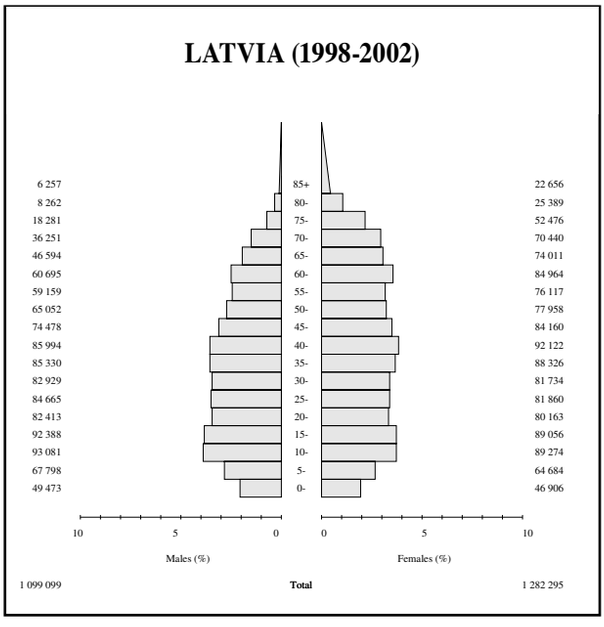
Cancer care facilities
The Latvian Oncology Centre, 2 regional oncology hospitals and the oncology department at the Republics Clinical Hospital provide complete specialized diagnostic and treatment services for the population of Latvia. All of these hospitals have well-equipped radiology departments. Specialised aid for children is provided by the oncology department of the Central Children's Hospital.

Registry structure and methods
The staff of Latvian Cancer Registry (LCR) includes 5 officials: an MD medical statistician, an epidemiologist (biologist), a programmer, a PC operator and the principal of CR (director).

All physicians and practitioners (GP, out-patient department, hospital, pathology and forensic medicine laboratory) have to report new cancer cases to LCR. At least quarterly the persons responsible for oncology at every district central hospital in the republic provide information on cancer in their districts (new cases, deaths, changes of therapy, progress of the disease, etc.).

Additionally, the LCR receives regular information from the Latvian Agency for Medical Statistics concerning the cases identified from death certificates.

The completeness of the data is evaluated by comparison of the CR data with the data of big hospitals. A specific evaluation study is not performed.



Registration area
Since 1965, the cancer registry has covered all the population of the republic, but a separate cancer registry unit (LCR) was organised in 1993, after state independence was re-established. The area covered has not changed, but the population has changed considerably: in 1966–1967 mainly because of the departure of Soviet Army troops and their families; during the reporting period (1998–2002) about 29 000 of the population were lost because of emigration; but mainly—about 71 000—because of the natural decrease in the population (about 14 000 persons per year).

Interpreting the results
The availability of medical services is nearly the same over time, with some difficulties for the less-secure population, but cancer diagnosis and treatment possibilities have increased.

From the beginning of the registry the ICD-7,8,9 revisions were used for coding of malignancies. Now all data are transformed to ICD-10 (topography) and ICD-0 (morphology) codes.

No organised screening programmes have been organised in Latvia, but opportunistic programmes for breast cancer (mammography) and cervical carcinoma (Pap smears) as well as PSA tests are ongoing.

Use of the data
The LCR publishes regular statistical issues. During the 1998–2002 period: *Cancer Incidence in Latvia 1997–1998* (the 4th issue) and *1999–2000* (5th issue); *Cancer Mortality in Latvia, 1980–2000* (2002) and *Cancer Incidence and Mortality in Latvia, 2001–2002* in 2004.

The LCR is not currently involved in epidemiological research, but some projects have been completed recently. The CR data are widely requested and used by policy makers, insurance companies, etc.

Source of population
1998–1999 Central Statistical Bureau of Latvia (estimation allowing for the birth/death levels and migration. Census 2000 (March 31, 2000): Provisional results of the 2000 population census – Statistical bulletin, Riga, 2001, 62p. 2001–2002: Estimated data from the Central Statistical bureau of Latvia.

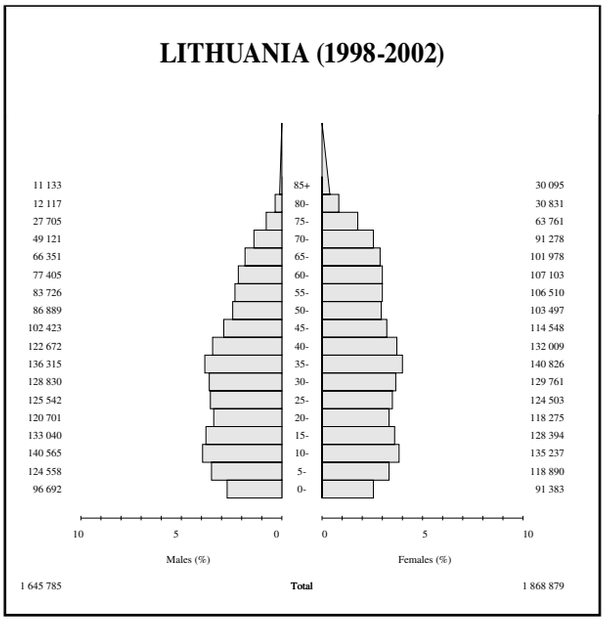
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Lithuania

Registration area
Lithuania is the southernmost of the Baltic States, which were part of the USSR from 1940 through 1990. In 1990, Lithuania gained independence. Lithuania has total land area of 653000 km^2 giving a population density of 53.68 persons per km^2. The resident population in Lithuania in 2001 was 3 483 972 – 1 629 148 males and 1 854 824 females (census data) where 83.45% of inhabitants are Lithuanians, 6.74% Polish, 6.31% Russians, and 3.5% others. Birth rate in Lithuania has been decreasing for the last decade, and it continues to fall. In 2000, the crude birth rate was 8.52 per 1000 population. Average annual rate of natural increase was –1.3%. The infant mortality was 8.52 per 1000 live births.

Cancer care facilities
There were 97.9 hospital beds and 40.3 medical doctors per 100 000 population in 2000. The availability of diagnostic and treatment services is increasing. Modern complex treatment of oncology patients (surgery, radiotherapy, chemotherapy) is provided at Institute of Oncology Vilnius University, Kaunas Medical University Clinics, Klaipeda City Hospital and Siauliai City Hospital. Surgery and chemotherapy are also available at other university hospitals and major treatment centres.

The highly centralised healthcare system has been finally changed to a state insurance-based system in 1997. The changes required the registry to establish new connections with primary healthcare centres (360 in 2006) that became to play a major role in primary cancer assessment and referral of patients to diagnostic services.



Registry structure and methods
The cancer registry operates as a separate department of Institute of Oncology, Vilnius University. The registry staff includes 10 employees: epidemiologist, medical doctor, medical coders, programmer and registry clerks. Support to the registry is provided by the Institute of oncology. The principal sources of information on cancer cases are primary, secondary and tertiary healthcare institutions that are required to complete a notification when cancer is diagnosed.

Lithuania has a compulsory nationwide cancer registration since 1957. Administratively Lithuania was divided to 44 districts ("municipalities") up to the year 2000. The new administrative division is built upon 60 municipalities established within the borders of previous territory units. Some of districts were split in two or three municipalities; some small territories were joined across borders. The cancer registry successfully adopted the new territorial division without loss of information on long-term trends within major units.

The compulsory case notification includes surname, name, sex, date of birth, place of residence, nationality, date of diagnosis, site according to ICD-9 from 1978 through 1997 and according to ICD-10 since 1997, morphology according to ICD-O-2 edition since 1993 and ICD-O-3 since 2003. Before 1993, a local one-digit morphology code was used. The cancer registry file is updated monthly with information on death certificates that are completed according to the international standards. The last update for the analyses presented here was done on 31 March 2005. On average, two notifications from different sources per skin melanoma case were registered since 2000.

There are obstacles to continuing the full-scale activity of the cancer registry due to legislative issues. The first regulations of the registry were signed by the Ministry of Heath in 1984. Discussion continued on cancer registry regulations despite the law on the registries adopted by the Lithuanian Parliament in 1996. The importance of the registry data was recognised by researchers, health care organisers and policymakers. The cancer registry data was used as a basis for the National Cancer Control programme adopted by the government in 2003, establishing cervical and breast cancer screening programmes and numerous local investment projects funded by EU and local sources.

Interpreting the results
During 1998–2002 there were no nation-wide cancer screening programmes. Some small-scale opportunistic activities were established for cervical, breast or colon cancer. PSA testing became widely available around 2000. The cervical cancer screening programme with a 3-year invitation interval started in June 2004. The mammography screening programme started in May 2006 though it is still lacking coverage due to limited mammography services. Despite the opposition of the experts, lobbying activities forced the introduction of nationwide free PSA testing in 2006. The registry is responsible for evaluating the effectiveness of these cancer screening programmes.

Use of the data
Annual registry reports on cancer incidence, extent of disease, microscopic verification of cases, mortality, and prevalence by site and municipality have been published since 1994. Registry publications covering incidence and mortality trends and survival data have been published on some individual sites. The registry is also involved in cancer epidemiology research, and has participated in several descriptive and occupational epidemiology projects including Chernobyl clean-up workers, nuclear workers, radiologists, and asbestos-, cement- and wood dust-exposed workers. The occupational exposure pattern in Lithuania follows that in industrial countries; study of environmental radiation exposure due to Chernobyl is needed in order to evaluate the consequences for the general population. A study of clean-up workers from Lithuania shows no elevated cancer risk.

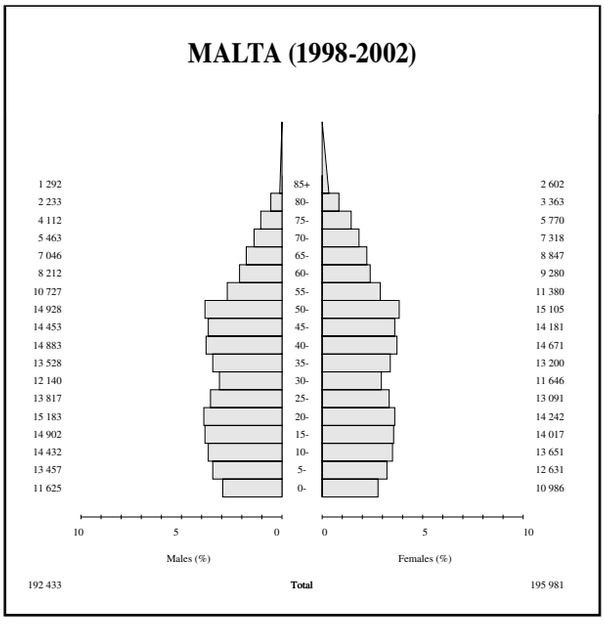
Multiple primary rules used
IACR rules (1990).

Malta

Registration area
The Malta National Cancer Registry covers the population of the Maltese Islands, a small archipelago in the middle of the Mediterranean Sea. The total resident population at the most recent census (2005) was 404 039.

There is no clear distinction on the islands between urban and rural areas. However the harbour area (centred around the capital Valletta) can be considered as the most urban, with much of the rest of Malta being suburban, and most of the northwest part and the whole of Gozo being rural.

The majority of the local population are Roman Catholic. The number of foreigners resident on the Islands is increasing, leading to growing changes in the ethnic compositions of the resident population. The Maltese people are descendents of ancient Carthaginians and Phoenicians, with strong Greco-Roman and Arab influences. European elements, namely Italian, Spanish and French with traces of Anglo-Saxon origins, were assimilated later.



Cancer care facilities
In Malta, there is a comprehensive national health service that is available to all Maltese residents and entirely free at the point of delivery. All residents have access to preventive, diagnostic, therapeutic and rehabilitative services in the Government Health Centres and Hospitals. The public health services are funded from general taxation. There is one major general acute hospital in Malta, a smaller one in Gozo and a number of public health centres scattered all over the islands. Since 1996, three private hospitals have also been operating in Malta. Cancer surgery is carried out in any of the above-mentioned hospitals, whilst radiotherapy and most of the chemotherapy are given at the oncology department in Sir Paul Boffa Hospital, which is the only cancer centre in Malta.

Registry structure and methods
The registry is located near to the major general acute (St. Luke's) hospital in Malta. It is part of the Department of Health Information within the Health Division and is wholly funded by the Government of Malta. A full-time principal medical officer, one full-time and one part-time registrar staff the registry.

The Malta National Cancer Registry uses both active and passive methods from multiple sources for data collection. Active data collection includes review of and extraction from the pathology laboratories' reports databases (histology, cytology and autopsy reports) of cases of cancer, review of the hospital files of known cases and collection of information from the National Mortality Registry (both active and passive). Passive methods include the receipt of notifications of cancer from the clinicians, a monthly report from the Oncology department on the new cases referred to their department and an annual report on the cases of cancer sent abroad for treatment by the state.

The National Mortality Registry is also housed within the Department of Health Information, and linkage between the cancer and mortality databases is routinely performed. The mortality registry is the recognised national source on death statistics.

Interpreting the results
It is estimated that only a small proportion of the cancers diagnosed in Maltese residents remain unregistered. These mainly include cases diagnosed, treated and followed-up abroad. The registry staff actively tries to reduce the proportion of cases that remain registered on the basis of a death certificate only by reviewing all possible medical information on the cases. The staff is permitted access to the hospital files of cases diagnosed and treated at all public and private hospitals and clinics.

To date, no organised cancer screening programme has been implemented in Malta. However, facilities for opportunistic screening for breast, cervical, prostate and colorectal cancers are available locally.

Use of the data
The registry has published cancer incidence and mortality information since 1992. On the registry's web site (http://www.sahha.gov.mt/pages.aspx?page=91) there are files with cancer incidence and mortality data for Maltese residents from 1994–2005/6 as well as other cancer statistics including survival and temporal trends. The registry is the recognised national source of information on cancer incidence. Its staff annually answers several requests for information originating from various sources, including both local and foreign clinicians and other professionals, students, journalists and interested organisations.

Source of population
1998–2002: Post–censal estimates. Census data with addition of births and immigrants and deletion of deaths and emigrants.

Multiple primary rules used
IACR rules (1990).

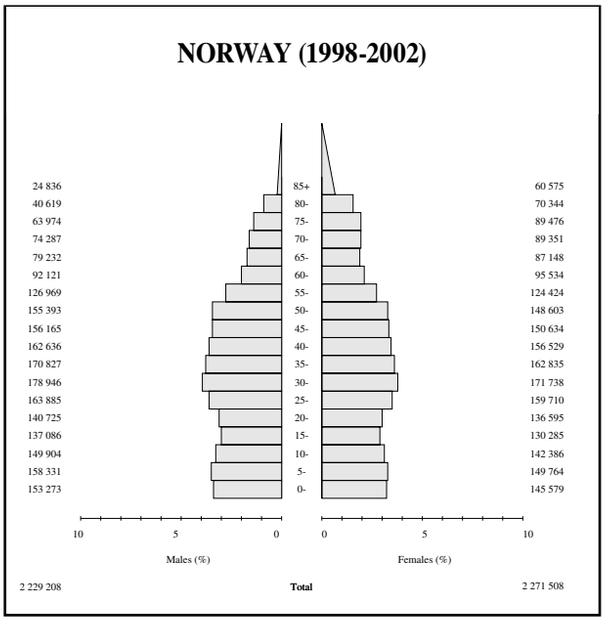
Norway

Registration area

Norway covers 324 000 km^2 between latitudes 57° and 71° N and longitudes 4° and 31° E. The total population is 4 640 219 (1 January 2006), most of whom are Caucasians, but 0.5% are Lapps and 8% are foreign-born (2% western and 6% non-western). At the 2005 census the main occupations for men were: industry 32%, agriculture 5%, community 22% and other services 41%; the corresponding figures for women were: industry 1.5%, agriculture 8%, community 57% and other services 33%.

Cancer care facilities

In 2004 there were approximately 4 hospital beds and 3.5 physicians per 1000 inhabitants. Surgical treatment of cancer is carried out both in general hospitals and at oncological centres. There are about 90 hospitals (both private and public) and a number of private clinics offering diagnostics and treatment of cancer in Norway. Most cancer diagnosis and treatment is, however, carried out at the public hospitals. These hospitals are organised in regions covering different parts of Norway (Eastern Norway Regional Health Authority, Southern Norway Regional Health Authority, Western Norway Regional Health Authority, Central Norway Regional Health Authority and Northern Norway Regional Health Authority). There are 10 radiotherapy departments in Norway, situated at different parts of the country.



Registry structure and methods

The Cancer Registry of Norway was initiated by the Norwegian Cancer Society and established in 1951. Since 1979 the Ministry of Health and Social Affairs has been administratively and financially responsible for the registry.

There are 130 employees in the Norwegian Cancer Registry. The Cancer Registry is organised in 4 departments: an administration (29 employees, including 9 information and 13 IT-staff) and three research departments (environmental and occupational research, screening research and clinical research). The staff consists of, among others, doctors, scientists, statisticians, research assistants, IT staff, economy, personnel and PR.

Site and morphology have been coded according to ICD-O-2 since 1993. Before 1993, site was coded according to ICD-7, while the morphology was coded according to a modified version of SNOMED. Primary tumours in different organs in one individual are classified as independent tumours. If multiple tumours occur within paired organs or other sites within the same ICD code (e.g. kidney, colon), the case is classified in such a way that it can be counted either as one primary cancer only or as the number of primaries that actually exists. For the female breast, two primary cancers may be registered in one individual. A double coding system is also used for lymphomas. Lymphomas in, for instance, the tonsils or the stomach are coded both to the lymphoma site and to the specific organ site.

The registry is based on compulsory reporting of all new cases of cancer in the Norwegian population since 1953. Each year the registry receives more than 100 000 reports which include clinical forms, copies of cytology, biopsy and autopsy reports, and copies of death certificates from Statistics Norway. In recent years the Patient Administrative System has been linked to the Cancer Registry of Norway to ensure completeness and quality. The registry is organised as a multi-user online database. All reports are interpreted and, after coding, updated and processed. At regular intervals, the registry material is matched against all deaths in the country and date and cause of death are recorded. Since the 1960 census, all inhabitants in Norway have had a unique personal identification number, and this number is used to link records from the different data sources.

Interpreting the results

The Norwegian Cancer Registry has both a cervical screening programme and a breast screening programme. PSA testing has become increasingly more common since the first commercial PSA test became available in 1989, and is now very common in the Norwegian population.

Use of the data

The purpose of the Cancer Registry is to:

- collect and, within the scope of the Regulations, process data relating to cases of cancer and cancer studies in Norway in order to document the distribution of cancer in the country and describe changes over time;
- conduct, promote and provide a basis for research to develop new knowledge of the causes, diagnosis, natural course and effects of treatment of cancer in order to improve and enhance the quality of preventive measures and medical assistance that are offered or provided to combat cancer, including the follow-up of individual patients and groups of patients;
- provide advice and counselling on medical assistance to combat cancer; and
- provide advice and information to other public administrative bodies and the population at large on measures that may prevent the development of cancer.

In addition to such purposes data in the Cancer Registry may be processed for the following purposes: management, planning and quality assurance of public health services and the public health administration, for the preparation of statistics and for research.

Main research areas are etiological screening-based and clinical, based on population data and epidemiological methods.

Multiple primary rules used

IACR rules (2004) on historical data.

Poland, Cracow

Registration area
The Cracow Cancer Registry covers the population of the Małopolska Province in southern Poland, an area of 15 144 km^2, with 3 233 799 inhabitants.

In 2000 the City of Cracow, the data for which are presented here, an area 327 km^2, had 741 500 inhabitants (46.8% male, 53.2% female). The population is little differentiated ethnically, and the large majority is Roman Catholic. The city of Cracow is one of the biggest industrial (with metallurgical, electromechanical, chemical and food industries), cultural and educational centres of Poland.

Cancer care facilities
In Cracow, diagnostic and treatment services for cancer are provided by the Centre of Oncology Maria Skłodowska-Curie Memorial Institute (220-bed hospital and an out-patient department for 300 patients daily) as well as 22 clinics of Collegium Medicum Jagiellonian University. Types of treatment include chemotherapy, immunotherapy, surgery and radiotherapy. Patients are also treated at ten hospitals in Cracow.

Registry structure and methods
The registry is a part of the Epidemiology Unit of the Centre of Oncology Maria Skłodowska-Curie Memorial Institute, and receives financial support from the Ministry of Health and Social Welfare. The staff consists of an epidemiologist, four registrars, a statistician and one computer programmer.

Notification of cancer cases or suspected malignant neoplasms has been compulsory in Poland since 1952. All hospitals and outpatient clinics must report all cancer cases on special cards, which are submitted to the registry. In the registry, each new notification is compared and checked with the main database of cases already registered.

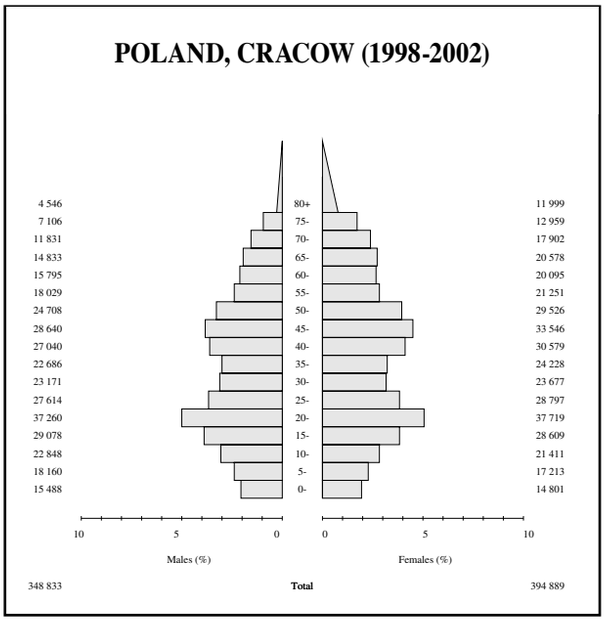
The registry also conducts active registration by checking hospital records, pathology records and death certificates. Patient follow-up is carried out by the registry every year through the checking of medical records and death certificates. If no data about cancer patients are available, information is collected via the Address Office in Cracow.

Quality control of the data is done using the IARC-CHECK programme and other programs developed in the registry.

Use of the data
The registry publishes an annual report of cancer incidence and mortality by sex, age, primary site and place of residence. In addition, the registry prepares survival analyses of cancer patients.

The Cracow Cancer Registry is participating in the EUROCARE international, multicentre studies on survival and care of patients. The registry also participates in studies on childhood cancer incidence and survival.

The registry data serve as a basis for planning of cancer control programmes and epidemiological research as well as for education of clinicians and postgraduate students in the field of cancer prevention.



Source of population
1998–2001: population estimates. 2002: Census.

Multiple primary rules used
IACR rules (2004) on historical data.

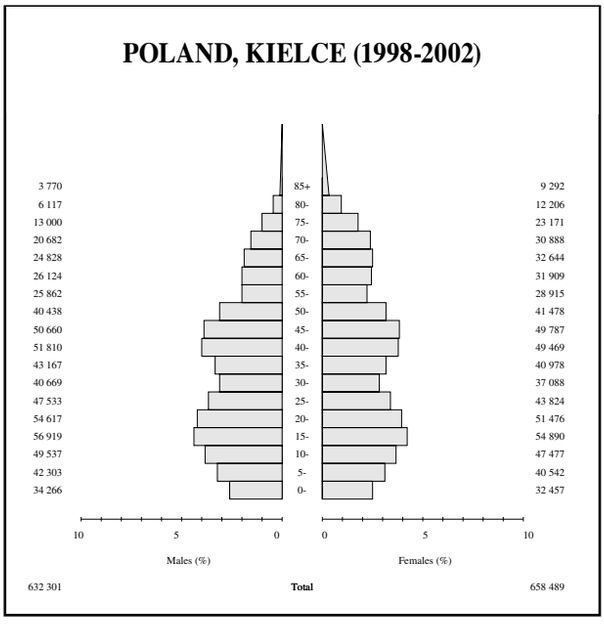
Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation). This registry has the lowest histological verification rate in the monograph.

Poland, Kielce

Registration area
The registry covers the Holycross Province (area 11 691 km^2), one of 16 provinces in Poland. It is located in the south-eastern part of the country between latitudes 50° and 51° N and longitudes 19° and 21° E.

The Holycross Mountains (with mountains about 600m above sea level) are situated in the northern part of the province. In the south there is a fertile agricultural region. The Vistula (Wisła) river forms the province's southeastern border. The annual average temperature is 6.9° C (max. 32.9° C and min.-33.9° C). Annual rainfall amounts to about 565mm.

The population as of the official statistical office estimate (30 June 2000) was 1 325 000 (about 3% of the Polish population), with 49% males and 51% females. Of these, 47% lived in towns and 53% in the country. The population of Holycross province is predominantly white race belonging to the Slavonic group; 95% are Roman Catholic.



Cancer care facilities
The Holycross Cancer Centre is located in Kielce, the capital of the Holycross province, and provides various services in the field of treatment (oncological surgery, chemotherapy, radiotherapy, brachytherapy, hematology, endocrynology, palliative care) and diagnostics (e.g. radiology, nuclear medicine, microbiology).

Registry structure and methods
The Holycross Cancer Registry is a department of the Holycross Cancer Centre; its full name is Department of Epidemiology and Cancer Control, Regional Cancer Registry. It is managed by a physician oncologist, one full-time biologist and four full-time registrars. The Registry closely cooperates with the IT department in data processing and statistical analysis.

All medical centres are obliged to report all cases of cancer on a special notification form that includes basic demographic and diagnostic information. These notification forms are the main sources of information on cancer incidence.

Although cancer reporting is obligatory, it is often neglected, and therefore all the received records are completed and checked by the registry staff against data obtained from local civil departments and hospitals.

The National Cancer Registry of Poland evaluates our incidence data every year. In 2002 the completeness was 100%.

Interpreting the results
In 1999, administration reform took place and the area of our registry was enlarged, and the population increased. In 1999 we changed from ICD-9 to ICD-10, and in 2002 we changed morphology from MOTNAC to ICD-O-3.

There are some organised and opportunistic screening programs for breast cancer, prostate cancer, colon cancer and cervix uteri cancer, and PSA testing is common.

Use of the data
The registry maintains two basic files: a computerised file containing the patients' serial number, sex, name and surname, date of birth, date of the first cancer diagnosis, ICD code and year of death (if applicable), and a file containing cards of first and follow-up registration arranged according to information mentioned above.

The registry prepares an annual report on cancer incidence and mortality for local government as well as sending the incidence data to the National Cancer Registry of Poland. The Registry cooperates with the European Network, IARC and IACR, and is a member of ENCR.

We report regularly on extent of diseases. The Registry is not involved in epidemiology research. Policymakers use our cancer registry data but (in our opinion) not in a sufficient way.

Every two years incidence data are sent to the National Cancer Registry of Poland, which publishes bulletins of cancer incidence in Poland.

Source of population
Central Statistical Office in Poland.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

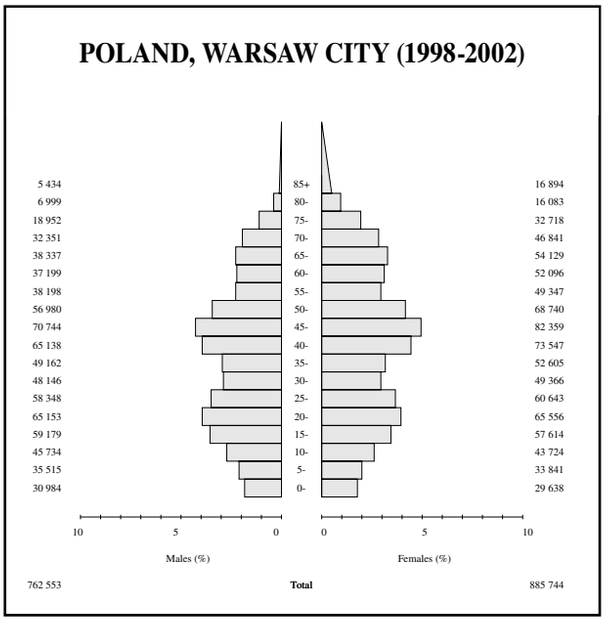
Poland, Warsaw

Registration area

In the years 1963–1988 the Warsaw Cancer Registry collected data on the population living in Warsaw city and selected rural populations in the provinces of Warsaw, Ciechanow, Plock and Siedlce. In 1989–1998 the Registry collected data on the population in Warsaw city and six voivodships (the Province of Warsaw, Ciechanow, Ostroleka, Plock, Radom, and Siedlce). After 1999 this area became one voivodship (Mazovian). The Mazovian Province covers an area of 38 000 km^2, 12.5% of the total Polish territory. The area is inhabited by 5 112 000 people (13.5% of the total Polish population).

Warsaw, the capital of Poland and the largest centre of the Mazovian Province, is a major industrial centre in Poland lying on the river Vistula, in the Mazovian Lowland in eastern central Poland, at 52° 16' N and 20° 59' E. The registration area amounts to 495 km^2, populated by 1 673 000 persons. The average altitude is 100m above sea level.

The population structure by sex and age groups was analysed on the basis of data released by the Central Statistical Office of Poland, valid by June 30 every year. The population-at-risk is the average of the population at 30 June of each the years 1998 through 2002, estimated on the basis of the 1988 Census population. The population is ethnically little differentiated, and mostly Roman Catholic.



Cancer care facilities

Poland is divided into 16 regions with regional oncological centres localised in each of them. Nationwide supervision is performed by the Maria Sklodowska-Curie Memorial Cancer Center and Institute of Oncology in Warsaw and two branches in Cracow and Gliwice. Provincial Oncological Clinics provide oncological diagnostic and therapeutic health services, including radiotherapy, in each of Poland's 16 provinces. The oncologists are usually concentrated where the oncological centres are located.

In Warsaw, specialised cancer care is provided by the Maria Sklodowska-Curie Memorial Cancer Center and Institute of Oncology, clinics of the Medical Academy, the Institute of Mother and Child and Center of Child Health. Patients are also treated at other hospital wards in Warsaw, district outpatient clinics and specialist private and public centres, as well as cooperatives and foundations. Warsaw has over 400 oncologists and 1000 oncological beds.

Registry structure and methods

The Warsaw Cancer Registry was one of the first Registries in Poland, established in 1963 in collaboration with the USA National Cancer Institute to conduct comparative studies on gastric cancer incidence in Poland and among Polish-Americans. These studies were subsequently extended to other cancers, and registration now embraces all sites. The registry is located at the Maria Sklodowska-Curie Memorial Cancer Center and Institute of Oncology in Warsaw, the institution responsible for organising nationwide epidemiological studies, scientific research, and therapeutic services related to cancer. It is supported by the Ministry of Health and Social Welfare. The total database now contains over 70 000 records from the old database (Warsaw and Selected Rural Areas: 1963–88), and over 260 000 from the new database (1989–2005). The Registry now contains over 50 000 records from the old database (1963–1986) and over 100 000 from the new (1987–2005).

The recording and reporting on a special reporting card of every case or suspected case of malignant neoplasm by all health service institutions and individual physicians has been compulsory in Poland since 1952. Information about cancer-related deaths in Warsaw in 1998–2002 was taken from death certificates issued by the Central Statistical Office of Poland. Since 1989 the database has been maintained in a computerised file arranged by patients' names, date of birth and cancer site, and a card file containing the first registration and follow-up cards arranged by sex and registration number.

The epidemiological data on cancer incidence in 1998–2002 in Warsaw were collected from the Cancer Reporting Cards (MzN-1) routinely submitted to the Warsaw Cancer Registry. The data collected are recorded on reporting cards and include personal identification data (name and surname, sex, date of birth, address, occupation); medical institution; date of first diagnosis/first hospital admission; primary site, pathology, clinical stage, method of diagnosis, methods of treatment, and (if applicable) date of death.

The reporting cards are sent from hospitals and outpatient clinics from Warsaw city, the region and other areas of Poland; for all from oncological outpatient clinics, medical records departments, and other cancer registries. New notifications are immediately checked for consistency of the identifying data. When more than one neoplasm is observed, with other histopathology, in the same person, a new card is prepared for each different site. All entries are checked for duplicates. Site is coded to ICD-9 (to 1998), to ICD-10 (from 1999) and histology to MOTNAC. Active and passive follow-up continue until the patient's death. If current data about the patient's vital status are unavailable, information is requested from the Address Register.

Interpreting the results

The percentage of underregistration was estimated in Poland in 1998–2002 at about 12%; however, in Warsaw underregistration is lower. In Warsaw there are organised

screening programs for the cancers of the cervix uteri, breast in women and for the cancers of colon and prostate.

Use of the data
The data are analysed to describe the patterns and trends of incidence and mortality by sex, age groups and cancer site in Warsaw. Clinical stage is also analysed for selected cancers. Survival studies are conducted, as well as analysis of treatment regimes for some sites. The data are published in annual reports, monographs, and other publications and papers. They are also used in many research projects and international collaborative projects. Policymakers use registry data for health services planning and evaluation.

Source of population
The estimation of the population at risk is based on the 1988 census, making allowance for births and deaths.

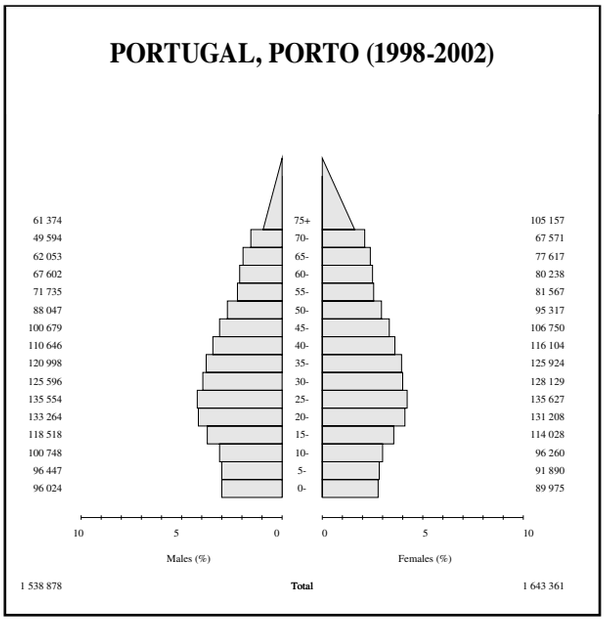
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Portugal, Porto

Registration area
The Registo Oncológico Regional do Norte (RORENO) registers all new cancer cases of the North Region of Portugal. According with the last census, in 2001, the population was 3 236 089 inhabitants distributed in five districts (Porto, Braga, Viana do Castelo, Vila Real and Bragança). The population reveals a relatively young age structure, and is fairly unevenly distributed, its density in Porto being 53 times greater than in the easternmost parts of the region.

The Portuguese population is remarkably homogenous and has been so for all of its history. Legal immigrants represent around 1.5% of the north population, and the largest communities are from Brazil, Cape Verde and Angola and lately from Eastern European countries. Around 96% of the population is Roman Catholic.

Some specific areas such as Ave and Minho-Lima are highly industrialised, mainly in textiles, clothing, footwear and furniture. The mountains on Northwest and the eastern region are predominantly rural areas with little socio-economic dynamism. The world's first demarcated wine region is located in the Douro Valley where Porto wine grapes grow.



Cancer care facilities
Porto is home to the main cancer treatment centre of the north region, the Instituto Português de Oncologia do Porto, which provides radiotherapy, surgery and chemotherapy for all patients. In Porto there are also two general hospitals capable of providing cancer treatment. Some kinds of cancer may be treated in the other districts. The health system is based on a network of primary health centres and is supplemented by private clinics and laboratories.

Screening programmes are mostly opportunistic and include cancers of the breast, cervix, prostate and colorectum. In 2001 population-based screening for breast cancer began in Bragança, involving 22 541 women.

Registry structure and methods
The registry is located in Porto at the Instituto Português de Oncologia, which is responsible for the co-ordination and organisation of the program and for the quality of its data. In 2000 a medical epidemiologist, two full-time registrars and a part-time statistician staffed the registry. Two medical pathologists were also included as consultants. The staff is responsible for treating the incoming information from the health institutions and also for quality evaluation.

The main method of data collection is passive notification of the cases. The majority of the information on classification of cancer arrives already coded (ICD-O-1). In 2000, 81.4% of the registrations (32 sources of data) were coming from public health institutions and 18.6% from eight private pathology laboratories and hospitals.

Since mid-June 2005 every hospital has had the ability to send the data via a common website: www.roreno.ipoporto.min-saude.pt.

Although the registry was built on a legal framework, access to a unique personal identification number is denied. Our main problems concern the promotion of the follow-up of all the cancer cases, access to digital death certificates and the completeness of some items as address and age.

Interpreting the results
There has been an improvement on completeness of data and for most cancer sites; incidence rates must be close to reality. Some undiagnosed cancers concern mainly those with clinical and radiological diagnosis only.

Uses of the data
Every year since 1988 an annual report of cancer incidence in the North Region has been published. Childhood cancer data were used for a few master's theses and for epidemiological studies. The registry receives weekly data requests for epidemiological studies on risk factors and survival. A study on quality (accuracy) of the data was published in 1995. Registry data have been used to support some projects of the Regional Health Administration, namely in planning of screening services.

Source of population
1998–2000: Official numbers for population in the north region, for years between census. For the year 2000, only age groups of 10 years were published and freely available. These estimates allow for births and deaths and to migration movements. 2001: official census.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

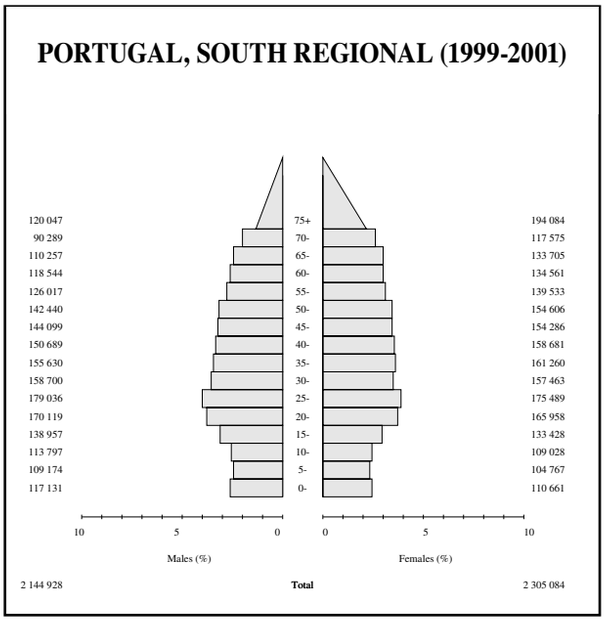
Notes on the data
The Editors recommend that some care be taken in the interpretation of these data; see Chapter 5 (Categorisation).

Portugal, South Regional

Registration area
The South Regional Cancer Registry (ROR-Sul) is the population-based cancer registry responsible for cancer registration in the south of Portugal. Its area of activity includes the Lisbon area, Alentejo and Algarve regions, and Madeira Autonomous Region, covering approximately half of the country (39 700 km^2) both in terms of area and population.

According to the end-of-year 2001 estimates, ROR-Sul has 4 490 491 inhabitants, 17.5% of them aged 65 or more. Of these, 45% live in the Lisbon region (capital of the country and suburbs). Birth rate in 2001 was 10.9%, and life expectancy was 73.5 for men and 80.3 for women.

The occupational distribution by economic sector in the 2001 census was distributed as follows: 5% agricultural, 35.1% industry and construction, and 59.9% services.



Cancer care facilities
General health care in the region is provided by 40 public general hospitals, one university hospital, a network of 147 primary health care centres and Lisbon's Cancer Institute. There is one general practitioner per 2000 inhabitants. Almost all cancer patients are diagnosed and treated by medical specialists working at the hospitals.

Registry structure and methods
South Regional Cancer Registry began operation in 1989 as part of a programme for nationwide cancer registration, and is financed by public health funds.

Since 2000 there has been a registry network; data are collected by laptop computer from all hospitals and health centres, and by means of standardised paper forms for private hospitals and pathology labs and for annual follow up. The laptop is under the control of one clinician at each site. The Registry network server is located in Lisbon's Cancer Institute.

The permanent staff of the Registry network includes two physician specialising in epidemiology, one of them as head of the registry, three statisticians and ten tumour registrars. In addition, two consultants—one pathologist and one oncologist—are available.

The Registry is based on compulsory reporting of all new cases since 1988. The first tumour identifier is the pathology report from all hospital and private pathology labs. Necessary information is abstracted from the medical records in each hospital or health centre by trained tumour registrars or local physicians and entered into the central server via the network. In addition, hospital discharge files of cancer patients, and hospital pharmacy and radiotherapy service records are compared with registry database, and all the cases not in the registry are reviewed.

Site and morphology codes have been coded according to ICD-O-3 since 2000. The rules used for coding multiple tumours are those proposed by IARC/IACR. For the staging of tumours, the TNM classification is used.

Completeness of records, data consistency and duplicate records are continuously and extensively checked using the IARC-Check program, other specific computer program developed in the registry, and by reviewing a sample of cases.

Arrangements have been made with the other two Regional Cancer Registries in order to exchange information on those resident cases diagnosed and treated in hospitals outside the registration area.

Patient follow up is carried out every year by checking death certificates.

Use of the data
The main purpose of the registry is to estimate cancer incidence in the region, and annually the registry prepares a report on incidence. In addition some case–control studies have been carried out.

The registry also participates in several national and international research projects, including EUROCARE.

The registry is the recognised regional source of information on cancer incidence. There are often requests for information from physicians, politicians, journalists and interested organisations.

Source of population
The estimates of population–at–risk are based on the 1991 and 2001 Censuses, making allowance of births and deaths. It was not possible to estimate migration into and out of the registration area.

Multiple primary rules used
IACR rules (2000) on CI5 IX period.

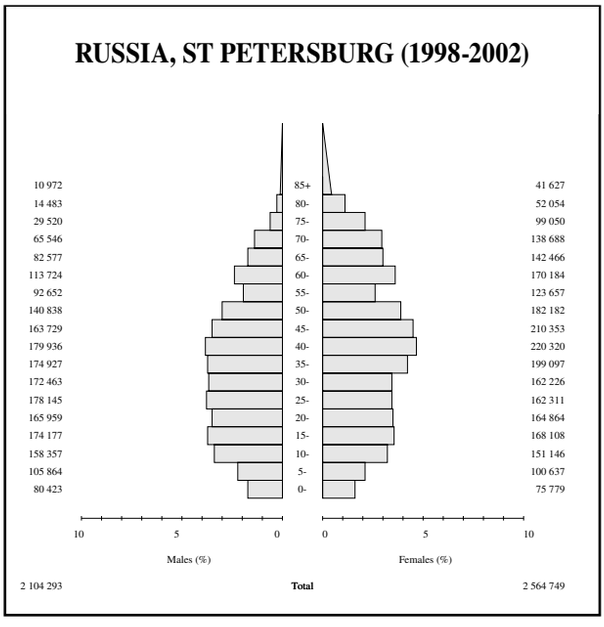
Russia, St. Petersburg

Registration area
St. Petersburg is the second largest city in Russia and one its biggest industrial, scientific and cultural centres. It was founded in May 1703, and in 1914 its name was changed to Petrograd and in 1924 to Leningrad. It was the capital of the state from 1712 to 1728 and from 1732 to 1918. St. Petersburg is situated at the point where the Neva River flows into the Gulf of Finland and includes 42 islands of the Neva delta. The climate is of a maritime type with mild winters, rather cool summers, and very changeable weather. The average temperature in January is -7 -9° C, in July +17.7° C. The annual precipitation is 585mm and the total area is 570 km^2.

The main occupations are heavy industry, especially heavy engineering (energy engineering industry, machine-tool construction, shipbuilding). In 2000 the total population was 4 660 792.

The mortality rate for all causes in St. Petersburg in 2000 was 16.3 per 1000 inhabitants, and the average life expectancy in 2000 was 66.0 years.

The national structure of the population in St. Petersburg according to the census of 2002 was 3949.6 thousand Russians (84.7%), 87.1 thousand Ukrainians (1.9%), 54.5 thousand Belorussians (1.2%), 36.6 thousand Jews (0.8%) and 35.6 thousand Tatars (0.8%).



Cancer care facilities
There are three medical institutes and two advanced training institutes for doctors, as well as a large number of clinics and hospitals. Some of the patients come from other parts of the country. Treatment of cancer patients is carried out mostly in the City oncological dispensary at the Professor N. N. Petrov Research Institute of Oncology, or in a number of oncology departments in large general hospitals. The total number of oncological beds is 1252, including 428 radiological and 75 paediatric. Ordinary hospitals and clinics treat 40% of oncological patients.

Since 1953 in Russia there has been an established state system of oncological services (cancer control). Each administrative territory has its own centre (an oncological dispensary) with 200 to 1000 beds depending on population. This oncological centre provides all three components of curative treatment (surgery, radiotherapy and chemo-hormonotherapy). In general this therapy is free of charge using federal funds as well as funds of obligatory medical insurance.

Registry structure and methods
The General process of registration is the same as that used across the whole territory of the ex-USSR. A doctor who detects a cancer patient must send a notification card to the oncological dispensary or the cancer registry for the region of residence of the patient. On the basis of this card and other supporting documents a control card is compiled and entered into the computer. The data of the oncological dispensary are checked regularly against those of the statistics department, which is responsible for registering cancer deaths.

Interpreting the results
There are screening programs, but since 1991 they have been performed less actively. PSA testing is used but not widely because of financial difficulties.

Use of the data
Information about all cancer patients and about deaths is included in special tables, which are sent to the Russian Ministry of Health annually.

N. Toichkin made the first evaluation of cancer rates in St. Petersburg in 1912. His research was based on the cancer mortality rate of 93–99 per 100 000 inhabitants in St. Petersburg from 1901 to 1910, which he obtained from the municipal statistics department.

In 1926 N. N. Petrov initiated an institute of oncology in St. Petersburg, which was later named after him. Obligatory registration was attempted in St. Petersburg in the 1930s and was permanently adopted after the Second World War. Epidemiological research is carried out in the Petrov Institute of Oncology, including a study of cancer incidence in different areas of the ex-USSR.

Annually we publish 1–2 editions on morbidity and survival. Additionally we systematically take part in different conferences and have TV and radio presentations. Data of the Cancer Registry are systematically presented to the local government, and they are taken into account in developing the organisation of oncological services to the population. Our suggestions to develop establishment of further cancer registries are accepted in a draft of the Order of the Ministry of Health concerning improvement of oncological services in Russia.

Source of population
Official governmental estimates based on the 2002 census. (Committee on Statistics of St. Petersburg).

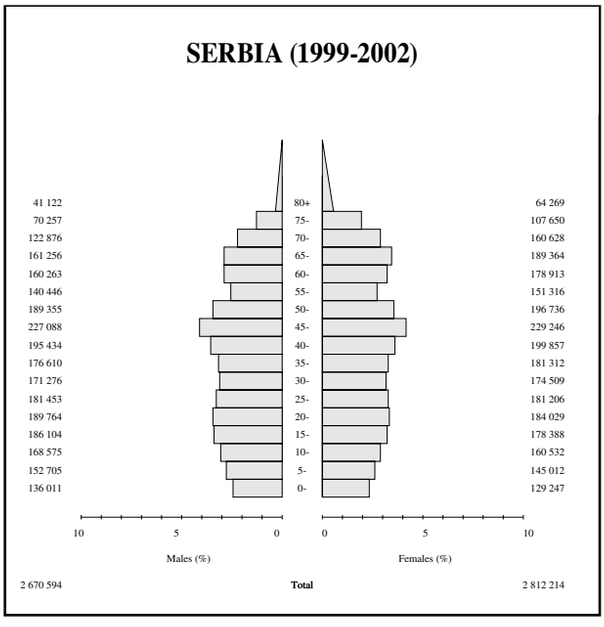
Multiple primary rules used
IACR rules (2000) on historical data.

Serbia

Registration area
The Population Register for Cancer was formed in Serbia in 1970, originating from the Plan of Statistical Research of Interest for the Republic of Serbia. In the 1990s the data quality and the functioning of the registry greatly improved.

The Central Serbia Cancer Registry covers an area of 55 968 km^2, and had a population of 5 484 920 (June 2000 estimate). About half live in urban areas (48.7% male, 51.3% female); 90% are Serbs and 60% are Orthodox Christians. Central Serbia includes 18 districts, in the central part, within the Republic of Serbia, divided into 115 municipalities.

Cancer care facilities
Notification of neoplasms is mandatory by law for every physician who diagnoses or treats a malignant tumour. Information sources concerning new cancer cases/ deceased cases are data from the oncology institutes, oncology dispensaries, oncology clinics, hospitals and outpatient health institutions, pathohistology/cytology, haematology and other laboratories, death reports, health insurance funds and targeted researches. The notification is sent to a regional Cancer Registry located in the Institute of Public Health of Serbia.



Registry structure and methods
In 1986, with the aim of applying a unified Registry methodology in all territorial units of the Former Yugoslavia, the Guidelines On Ways And Procedures Of Reporting Persons With Malign Neoplasms, the Regulation Book For The Register Form And The Method Of Updating, The Report Forms And Reporting And Cancelation Procedures For Certain Diseases were adopted.

Imprecise guidelines, insufficient education of medical personnel, and a lack of informatics support resulted in the under-registration of newly found cases of cancer, as well as relatively poor data quality on the report forms themselves. Starting from legal obligations and role of the Registry, the reorganisation of the Register began in 1996, in accordance with the recommendations of the International Agency for Research on Cancer (IARC), and European Network of Cancer Registries (ENCR). The reorganisation encompassed: decentralisation (registers are formed on a regional level, while the main database for Central Serbia is located in the Institute of Public Health of Serbia), active data collection, new sources of information, education of medical personnel, informatics support and a feedback system. In 1998, due to this successful reorganisation, the Central Serbia Cancer Registry was admitted into the IACR.

The Central Serbia Cancer Registry includes the following data: personal characteristics of new cases/ deceased, possible appearance of multiple primary tumours, date of determination of current illness, diagnostic methods, tumour characteristics (primary and secondary anatomy localisation, histology type, stage), outcome of the disease, as well as data on the health institution reporting the tumour.

Interpreting the results
Since 1994 the diagnosis, cause of death and morphology have been coded using ICD-10, and according to the ICD-10 and ICD-O-2 (1998) and ICD-O-3 (2001). The Register does not include *in situ* tumours (codes D00-D09), but includes clinical stage *in situ*.

The Register is supported by the CanReg3 (1998) and CanReg4 (2001) programme packages.

With the aim of providing quality in collection, entry, keeping, processing and analysis of data in the Registry, the methodology of international associations was applied (IARC I ENCR) for cancer registers.

Use of the data
Following the aforementioned activities and the several years necessary for achieving stability of the data, conditions were created for issuing the first Report in December 2001.

Unpublished data of the Republic Statistics Institute were used for the analysis of death due to malignant tumours in Central Serbia.

Apart from crude rates, the Report includes standardised incidence and mortality rates on World population. These rates were standardised by the method of direct standardisation, with the World, European or truncated population as the standard population. Registry data calculated and analysed at the Center of Prevention and Control of Noncommunicable Diseases have been used for the purposes of descriptive epidemiology.

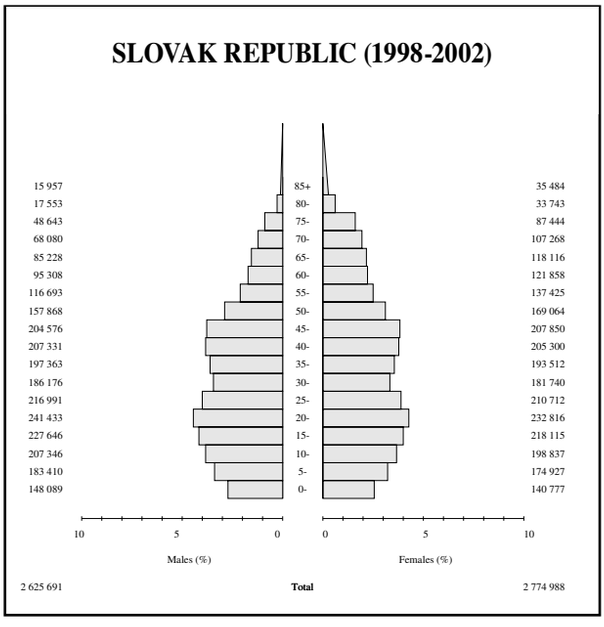
The percentage of new malign tumour cases registered on a death report only basis, as well as the percentage of histologically and cytologically-verified malignant tumours of the total number of reported cancer cases, were the foundation for the evaluation of Registry data quality.

Source of population
The populations for 1999, 2000 and 2001 are estimates provided by The Statistical Office of Republic of Serbia. The estimated populations were an extrapolation from the 2002 census assuming linear growth in every age and sex group.

Multiple primary rules used
IACR rules (1990 and 2000).

Slovak Republic

Registration area
The National Cancer Registry of the Slovak Republic covers the whole population of the Slovak Republic, with 5 400 679 inhabitants (2 625 691 males and 2 774 988 females) in 2000. The Slovak Republic is divided into 8 regional units and 79 districts and covers an area of 49 035 km^2, with a perimeter of 1672 km and a population density of 110.1/km^2. In 2000 nearly 13% of the inhabitants lived in the two bigger cities, Bratislava and Košice. Twelve percent lived in another nine towns with 50 000–100 000 inhabitants, 30.4% in communities and smaller towns of 5000–49 999 inhabitants, and the remainder in villages with fewer than 5000 inhabitants. In 2000 the majority of the working population was employed in industry and agriculture (37.8%), the remainder being employed in building and service industries, research and trade. In 2000, employees in the Slovak Republic could be divided by education into four categories: basic (9.1%), trained (29.2%), secondary (48.8%) and university (12.9%). The majority of the population is of Slovak nationality, the second most numerous group being Hungarian. Unemployment was 18.3% in 2000, but 9.6% at the end of 2006.



Cancer care facilities
In 2000 there were 95 hospitals in the Slovak Republic. There were 92 public (state) hospitals and hospitals with polyclinics (7 university hospitals, 79 hospitals and 6 psychiatric hospitals) and 3 private hospitals. Cancer care at the highest level is provided by the St Elisabeth Cancer Institute and the National Cancer Institute, both in the capital of Slovakia. There are oncology and radiology departments at the university and most of the county hospitals. The peripheral network of oncology outpatient clinics is oriented to registration and notification of diagnosis, active lifelong follow-up and providing treatment for cancer patients. The creation in 2000 of the Eastern Slovak Cancer Institute has also contributed to improving high-level cancer care and, in general, the quality of diagnostic and treatment services for cancer patients is gradually improving.

Registry structure and methods
The National Cancer Registry of the Slovak Republic is a population-based cancer registry established in 1976. It covers the entire population of the country and collects cancer data from the year 1968 onwards.

Cancer reports and death notification forms are used for data collection. The registry has had its own computer centre since 1990. In 2005 it moved from the National Cancer Institute to the National Centre for Health Information, Bratislava. The staff of the registry now consists of one epidemiologist, one full-time and four part-time physicians (oncologists and pathologists), seven registrars and one computer specialist. Notification of cancer is compulsory, and all physicians have three months to complete the notification forms.

The registry notification form is completed in the district oncology outpatient clinics. Further information from the clinics is provided about change of name, address, diagnosis and about the death of any cancer patient. In the registry each newly notified patient is compared and checked with the main file of patients already registered to ensure proper registration of new primaries and elimination of duplicates. All death certificates (all causes of death) are regularly reviewed to ensure the inclusion of previously unregistered cases and consequently to include DCO cases.

The National Cancer Registry database is annually reconciled with the database of hospitalised patients (established by the Ministry of Health). If any cancer report is missing, it is searched for and requested of the provider.

The completion of dates of death is now also assessed using data from the Office for the Evidence of Population of the Slovak Republic. Since 1990, the registry has received considerable information about cancer patients from other documents accompanying the notification form (discharge summary, hospital record, operation report, results of histology or cytology and autopsy report).

Interpreting the results
There was no national screening programme in 1998–2002, although screening for colorectal cancer was introduced in 2002 and PSA testing is widely available. An increase of *in situ* cervical cancer and a decrease in breast cancer mortality despite increasing incidence would suggest the existence of some screening programmes or at least an improvement in diagnosis and health education. The national screening programme for cervical cancer became available in 2007.

Use of the data
Annual reports have been published regularly since 1983. The annual report contains detailed data on cancer incidence in Slovakia, including sub-regions, and is distributed to all the health institutions of the country (Ministry of Health, central institutes, hospitals, centres of clinical oncology, public health institutes). The data are used for policy preparation for cancer care and prevention, as well as for planning facilities for the diagnosis and treatment of cancer patients. Recently these data have been increasingly used by the National Centre of Health Promotion and by the Slovakian League Against Cancer, mainly for health education of the population in the field of cancer prevention.

The data are also used for many other international collaborative projects.

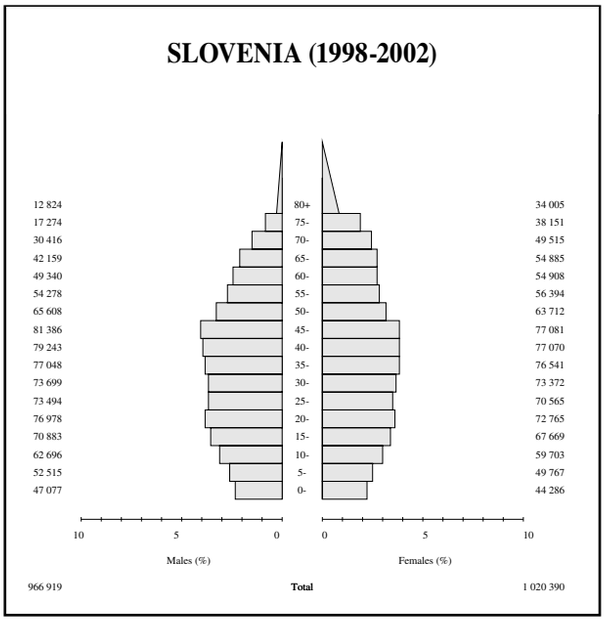
Source of population
1998–2000: estimates. 2001: Census. 2002: estimates (Statistical Office of the Slovak Republic).

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Slovenia

Registration area
The Cancer Registry of Slovenia covers the entire population of the Republic. The population at the most recent census (2002) was 1 964 036. About 50.8% of the population lives in urban areas (>3000 inhabitants); 83.1% are Slovenians, 2.0% Serbs, 1.8% Croats, the remainder other nationalities, mainly from neighbouring countries and countries of former Yugoslavia. The prevailing religion is Roman Catholic, and 84.7% of population is aged 15 years or over.

Cancer care facilities
Health care centres and private practitioners provide primary and outpatient secondary health care; most of them are included in the public health care network. There are 12 general hospitals and Clinical Center in Ljubljana as a tertiary healthcare facility. The Institute of Oncology, founded in Ljubljana in 1938, is the only Slovenian national comprehensive cancer centre. Besides patient care, it is involved in research and education in the framework of the University of Ljubljana Medical Faculty. Common cancers are treated in general hospitals, though the Institute of Oncology is the referral centre for rare cancers. Except for skin cancer, radiotherapy is administered only there. About half of cancer patients are admitted to the Institute at some time during their illness.



Registry structure and methods
The registry was founded in 1950 and is located at the Institute of Oncology Ljubljana. Notification of cancer has been compulsory since the beginning and is prescribed by law. In 2003, the Registry was merged with Epidemiology Unit in a single service, Epidemiology and Cancer Registries, which also comprises, the hospital-based Cancer Registry of the Institute of Oncology, Epidemiology Unit for epidemiological studies and Cervical Cancer Screening Registry, which coordinates, monitors and evaluates the nationwide organised cervical cancer screening program, introduced in 2002. The Registry is staffed by two full-time medical doctors, specialising in epidemiology and public health, a junior researcher in statistics, 4 registrars, a computer operator and part-time system analyst. Other staff are involved in screening and other work.

The main sources of data are notifications gathered from all hospitals and diagnostic centres in Slovenia, and exceptionally from primary health care centres in cases in which the patient was not referred for further diagnostic investigations. Death certificates and autopsy protocols stating cancer diagnosis supplement this information. When needed, requests are sent to notifiers to ensure accurate information as well as to the hospitals or doctors who signed the death certificates in case the patient had not yet been registered. Trained registrars, supervised by a physician, perform coding of the information. Case identification is based on a personal identification number that also enables accurate follow-up of patients for death by regular linkage of our data to the Central Population Register. Data protection regulations are strictly respected.

Interpreting the results
The small and stable proportion of cases registered after the publication of annual reports (about 4%) shows that the majority of cases are reported to the Registry by the time of publication. The registration of patients treated in the outpatient department only (e.g. non-melanoma skin cancer, multiple myeloma, chronic lymphatic leukaemia, as well as prostate cancer) is incomplete.

There are no official data on PSA testing, but it is becoming very popular among urologists. It is not paid to general practitioners by health insurance.

Use of the data
Annual reports on cancer incidence have been published since 1951, since 1965 in Slovenian and English. The data collected serve as the basis for assessing the national cancer burden, for programming and evaluation of primary prevention, diagnosis, treatment and rehabilitation, for programming and evaluating primary prevention, diagnosis, treatment and rehabilitation, planning facilities and funding needed for cancer control (personnel, equipment and hospital capacities) as well as for clinical and epidemiological research in Slovenia and in international multicentric studies. The results of our studies are published in national and foreign medical literature and as publications for lay readers.

Our data have been published in all eight volumes of the Cancer Incidence in Five Continents. The data on cancer incidence and mortality for the years 1983–99 were also included in the international databases EUROCIM, GLOBOCAN, ACCIS. The survival of Slovenian cancer patients is included into and analysed by the international studies EUROCARE II and EUROCARE III.

Source of population
Official number of the population as at 30 June provided by the Statistical Office of the Republic of Slovenia based on the Central Population Register of the Republic of Slovenia.

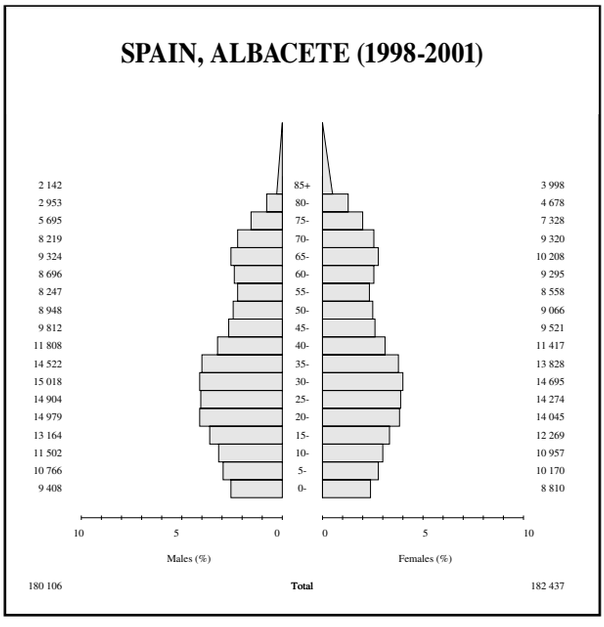
Multiple primary rules used
IACR rules (2004) on historical data.

Spain, Albacete

Registration area
Albacete is situated in the Central Meseta in the southeast of Spain. The province consists of 87 municipalities, 67.5% of which have fewer than 2000 inhabitants and only 5.9% have more than 10 000. The climate is Mediterranean temperate with some continental features. The average total annual rainfall is approximately 275mm.

The size of population covered by the registry at mid-year 2000 was 363 263 inhabitants. The population density (24 inhabitants per km^2) is very low compared to that of the country as a whole. Of this population, 15.5 % live in rural areas of fewer than 2000 inhabitants, 24.5% in semi-rural areas of 2000-10 000 inhabitants, and 60.0% in urban areas.

The ethnic/racial composition that our Registry covers is practically all white. Only in recent years have immigrants accounted for 3–5% of the population, and these are generally young people with low risk of cancer.



Cancer care facilities
Six hospital centres are located in the province, three of which are private surgical hospitals and three public general hospitals. There is one private pathology laboratory. There are 34 public primary care centres. Almost all of the population is covered by the public health system (SESCAM).

Data for the registry are obtained from the General Hospital of Albacete (pathology and haematology laboratories, oncological and medical records departments); the Local Hospital of Hellin (pathology and haematology laboratories and medical records); the hospitals N^a S^a de los Llanos; Santa Cristina, Virgen del Rosario and Clinica de Recoletas; the Dr lñiguez de Onzoño pathology laboratory, the Provincial Office of SESCAM, the regional mortality register and the National Institute of Statistics.

In general our area has a good availability of diagnostic and treatment services, but the radiotherapy department did not begin operation until the year 2002.

Registry structure and methods
The Cancer Registry of Albacete was created in February 1990 by the Consejería de Salud de la Comunidad Autonoma de Castilla-La Mancha, and it belongs to the Regional Service of epidemiology with the principal objective of analysing cancer incidence in the province. It is financed by the Comunidad Autonoma. Our Registry currently employs 2 doctors and a nurse.

Data collection is active, carried out by the personnel of the registry from lists provided by the sources, and by consulting the files and clinical records concerned. The registry records cases voluntarily notified by physicians in the primary care services.

No active follow-up of cases is carried out. The registry has access to death certificates mentioning cancer for local residents who die in the Autonomous Community. Death certificates are traced back to find further information if the case is not already registered, and if no further information is found the case is registered as death certificate only. There is no personal contact with patients or their families.

All data are automatically processed using a system, which includes checking for duplicate registrations by name, social security number or clinical record. Cases are coded by ICD-O topography and morphology. Multiple tumours are coded following the IARC/IACR recommendations. The CHECK program is used to detect errors and discrepancies in the data.

Interpreting the results
It is not possible to estimate how many cancer cases remain undiagnosed, but it probably does occur for elderly subjects in rural areas. SESCAM has a full range of diagnostic facilities, so it is unlikely that cases referred will be missed. A screening service for breast cancer is operated by the Asociación Española contra el Cáncer since 1991. Use of PSA tests is opportunistic and of an unknown extent, but in general it is not uncommon.

Use of the data
The registry prepares an annual report of cancer incidence by site, sex and age. The registry also participates in analytical epidemiological investigations. Policymakers use our cancer registry data for planning or evaluation of health services, especially in breast cancer screening programme and the regional cancer programme.

Source of population
Census: Instituto Nacional de Estadistica (http://www.ine.es).

Multiple primary rules used
IACR rules (1990).

Spain, Asturias

Registration area
The Asturias cancer registry covers the whole Principality of Asturias, a Spanish Autonomous Community of 10 565 km^2 located on the northern coast of the Iberian Peninsula. This well-defined region lies between latitudes 42º and 43º N and longitudes 4º and 7º W.

In 2000 the total population was 1 076 567 inhabitants. Of these, 21.4% were aged 65 or more, and 60.4% lived in the central urban area of Asturias but only 43.4% in cities of more than 100 000 inhabitants. The population density that year was 101.53 inhabitants per km^2.

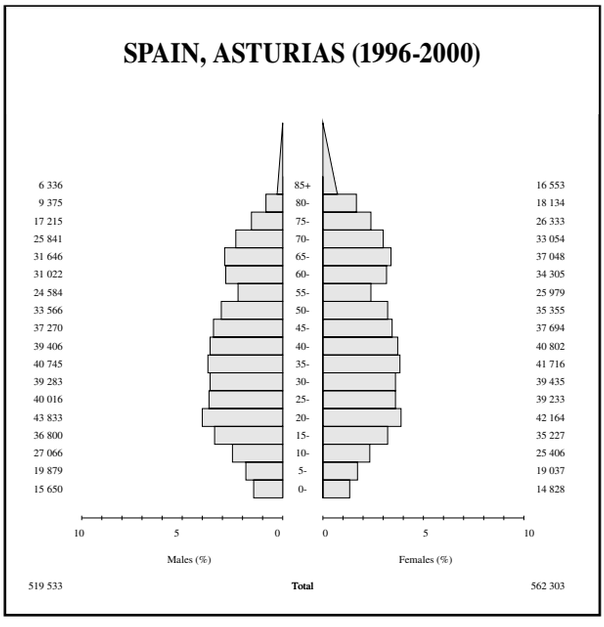
In 2000 the unemployment rate was 16.4% in Asturias, and the distribution of occupation by sector was 10.2% in agriculture and fishing, 16.9% in industry, 11.8% in the building sector and 61.1% in services.

The prevailing religion in Asturias is Roman Catholic.

Cancer care facilities
General health care in Asturias is provided mostly by public services through a well-developed network that comprises 8 district hospitals, 220 urban and local primary health care centres, and Central Hospital in the capital (Oviedo), home to a comprehensive oncology centre that offers cancer surgery, radiotherapy and chemotherapy services. Patients suspected to have cancer are diagnosed and given treatment in the 8 health districts and referred to Central Hospital when required. These facilities are supplemented by one private hospital that offers some cancer treatments. Very few cancer cases require additional treatment outside Asturias.

Registry structure and methods
The registry was initiated in 1978 and become population-based in 1982. It is located in Oviedo and since 1981 has been funded by a Public Health Directorate from Asturias Health and Health Services Council, a government body in charge of planning and providing health care and public health services to the whole Asturian population. The registry staff comprises one part-time epidemiologist and two full time registrars.

The registry uses active casefinding from different sources including public and private hospitals, pathology and haematology laboratories and death certificates to identify cancer cases diagnosed among the residents of Asturias. There is also a hospital-based registry in Central Hospital, which provides computer files to the registry. Cancer is not a notifiable disease in Asturias.



Interpreting the results
From 1998 to 2000 an organised breast cancer screening programme was implemented in Asturias covering women aged 50–64, reaching a 60.5% participation in the first round.

Trends in prostate cancer incidence should be evaluated with caution because the impact of opportunistic PSA screening.

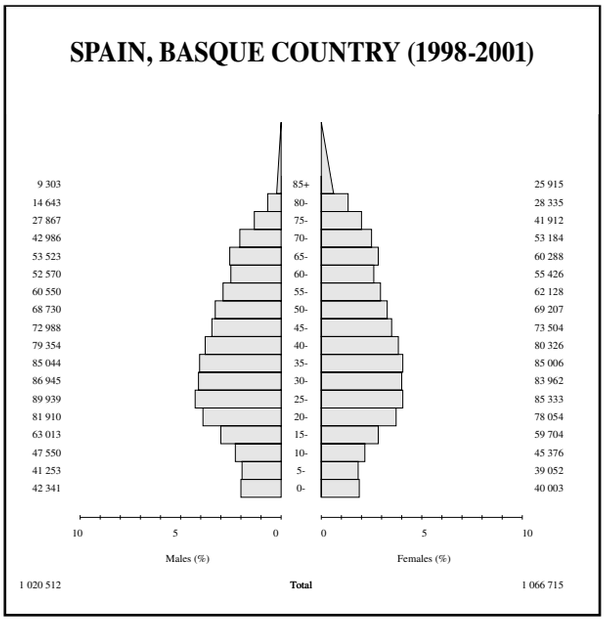
Use of the data
The registry publishes regular reports on cancer incidence. Data from the registry have been used for etiological research in the EPIC cohort, evaluation of breast cancer programmes, and to plan radiotherapy facilities and other cancer services.

Source of population
Census data (INE 2006).

Multiple primary rules used
IACR rules (2004) on historical data.

Spain, Basque Country

Registration area
The area covered by the Basque Country Cancer Registry (BCCR) is the Autonomous Community of the Basque Country, an area of 7261 km^2 situated in northern Spain between latitude 40°27' and 42°28'N and longitudes 1°44' and 3°26'W. It consists of three provinces: Alava, Bizkaia and Gipuzkoa. At the 2001 census, the total population was 2 082 587, of whom 17% were over 65 years old. The population density is 286.8 persons/km^2. About 28% of the population live in rural municipalities. The employment of the active population by sector is: services sector 62%, industry 27.5%, building activity 8.7% and agriculture 1.8%. The prevalence of smoking in men and women is decreasing: 31% and 21% respectively. The proportion of immigrants was low but increasing. Most of the population is Roman Catholic.



Cancer care facilities
General health care in the region is provided by the Osakidetza, the public Basque Health Service, to 95% of the population. There are 40 hospitals (public and private, one of them devoted to cancer treatment) excluding the psychiatric ones, and approximately 4 beds per 1000 inhabitants. Most cancer patients attending the network of primary healthcare centres are referred to medical specialists at the general hospitals with oncology facilities. Over the last 10 years the number of radiology facilities for cancer diagnosis and treatment as well as the number of oncology specialists has increased in both the private and the public system.

Registry structure and methods
The Basque Country Cancer Registry was created in 1986 by the Department of Health. The main aim was to determine cancer incidence and its characteristics in the Basque Country, to provide information for the planning of cancer services and preventive activities, and to facilitate epidemiological research.

A major reorganisation of the Cancer Registry has taken place since 1995. In each province a team was defined and five hospital cancer registries were established. The coordination of the BCCR remained in the Health Department (Vitoria-Gasteiz), where a computer technician and one epidemiologist were assigned part-time to the registry. Previously registered cases were converted from ICD-O-1 to ICD-O-2 with IARCtools, and a new data management application was developed. The head of the provincial team, an epidemiologist partially assigned to the registry, and several administrative registrars have the hospital registries as the main sources of information. Notification is voluntary. An active system of data collection from other sources has been established, and cases are abstracted from clinical records and entered in the computer. Data from incident cases are complemented by death certificates mentioning cancer (pre-1996) and all death certificates since then. A case is registered as Death Certificate Only when no further information has been obtained after looking for information in the sources. Checking for duplicates is routine, and the IARC-Check program is used periodically. Arrangements have been made with cancer registries outside the registration area to notify the BCCR of any resident cancer cases they diagnose or treat.

Interpreting the results
Rates from 1986 to 1994 were converted from ICD-O-1 to ICD-O-2. Since November 1995 there has been an organised breast cancer screening programme in the Basque Country covering women aged 50–64 years.

There is no population-based cervical screening programme, but there is opportunistic screening mainly in women at higher risk. The large increase in prostate cancer in recent years can be related to the use of PSA by general practitioners and specialists since 1998.

Use of the data
A report with descriptive results of the registry is published in an annual report by the Basque Health Department. Information provided by the registry is used for planning and evaluation of health services. Survival has been studied in the framework of the EUROCARE study.

Data have been used for the evaluation of the breast screening programme and in several collaborative studies such as EUROCARE, Europreval, ACCIS and EPIC among others. In-house studies include several cancer sites and their relation to health services, and evaluation of coding to implement a semi-automated programme.

Source of population
Estimate of the population at risk is based on the 1996 and 2001 censuses without taking into account immigration into or out of the area.

Multiple primary rules used
IACR rules (2004) on historical data.

Spain, Canary Islands

Registration area
The archipelago of the Canary Islands is one of the autonomous regions of Spain. It is located 100km east from the African coast and 1500km from mainland Spain, between latitude 27º and 30º N.

The Registry covers the population of the two major islands (Gran Canaria and Tenerife), which are the administrative capitals of the two provinces. Those two islands had a population at mid-year 2000 of 1 474 802 inhabitants (population covered by the registry).

The population is almost 100% Catholic although there are some people from India who have lived in the islands for generations. In recent years, especially in 2001 and 2002, the islands have undergone a strong immigration phenomenon, mostly from South America.

The economic activities are agriculture (7%), industry (3.4%) and services, mainly tourism (77.9%).

Cancer care facilities
There is a network of primary health care centres and two reference hospitals in each island with services of oncology, radiotherapy, haematology and cancer surgery and chemotherapy.

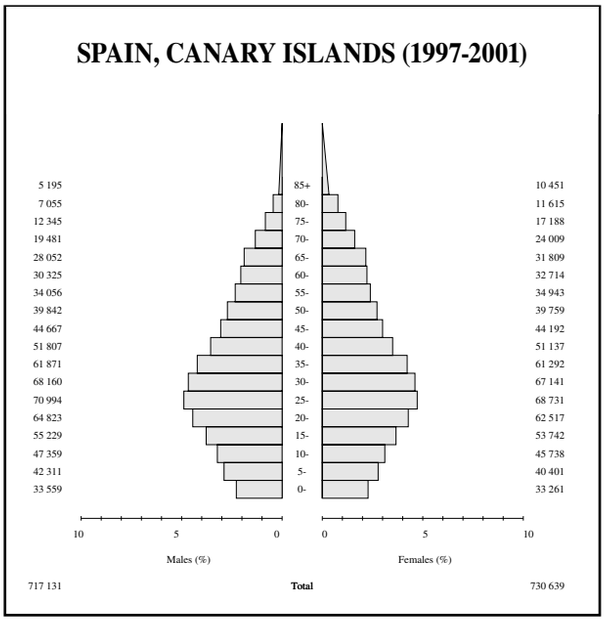
Registry structure and methods
The registry belongs to the Public Health headquarters and is part of the Epidemiology Service. Each island has a team of 2 medical doctors, 2 nurses and 1 clerk.

The Registry actively collects data from public and private sources. Registrars search for cases at pathology, oncology, radiotherapy, and haematology services, in inpatient records and hospital cancer registries, as well as in private pathology laboratories and among death certificates with cancer as primary cause of death.

If necessary, patient medical records are verified by the originating hospitals, either to confirm the incidence date, method or tumour site. Since 2006 we have had internet-based access to the records of the 4 major hospitals, which has been an excellent tool.

Some patients go to hospitals in mainland Spain for treatment, but most diagnoses are made in the islands, and in any case many of these are collected via death certificates, so we believe the registry completeness level is acceptable.

Interpreting the results
There is an organised screening programme for breast cancer in women aged 50–64 years from, and opportunistic screening for cervix and prostate cancer. PSA testing is common in the population.



Use of the data
The registry publicises an annual report of incidence with the cases of one given year, available online at: http://www.gobiernodecanarias.org/sanidad/scs/3/3_5/cancer/ppal.jsp.

The data are used continuously by health managers in health planning for the hospitals and government. The Registry has also conducted some other studies in cancer mortality, and collaborates with several investigations of colorectal, breast, cervix and thyroid cancer and melanoma.

Source of population
1998 Census. Geometrical interpolation between 1996–1999. 1999–2001 Census. Geometrical interpolation between the population on the first day of January of the year, and the population on the first day of January of the next year.

Multiple primary rules used
IACR rules (2004) on historical data.

Notes on the data
C67 includes only invasive tumours.

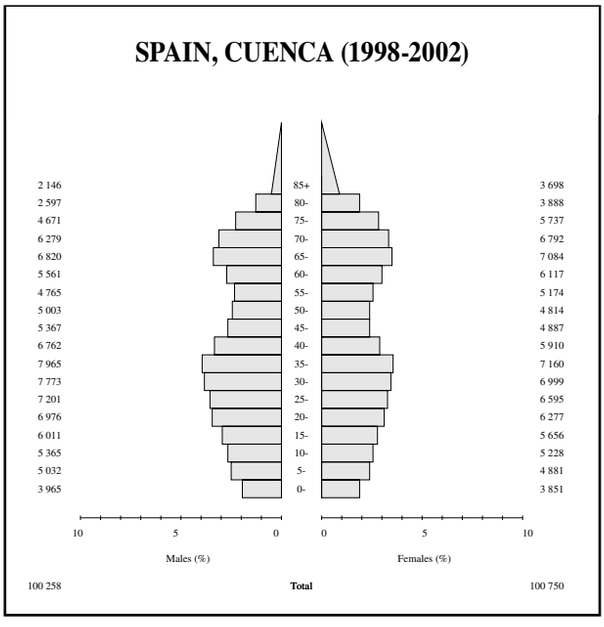
Spain, Cuenca

Registration area

The population-based Cancer Registry of Cuenca was created in 1993, within the Epidemiology Service of the Health Department of the Autonomous Community of Castilla-La Mancha.

The area covered by the Registry is the Cuenca province, located between 40°33' and 39°35' N latitude, corresponding to the Spanish Central Plateau.

The population (according to the 2000 census) was 201 060 inhabitants (100 127 males and 100 933 females), including 1289 immigrants; 44% live in rural areas (<2000 inhabitants). Some 25% are older than 65 years, and 14% are under the age of 15. The province covers 17 140 km^2 (238 municipalities), at a population density of 11.7 inhabitants/km^2. The economic activity rate for the population aged 16–65 is about 50%. Economic activity is developed in the services sector (45.1%), in agriculture (25.2%) and in industry and construction (29.7%).



Cancer care facilities

In the registry area there are a public hospital (with 90% of the beds) and a private hospital. In the public hospital, there is an oncology service where chemotherapy is provided, and a surgery service that serves cancer patients. Patients are sent to referral centres for radiotherapy. There are 37 public Primary Health Care Centres covering the province.

Registry structure and methods

The personnel devoted to the Cancer Registry of Cuenca are two physicians, three nurses and a clerk (all part-time).

Data collection is carried out actively by the personnel of the Registry through the review of clinical histories in the hospital or in the Primary Health Care Centres. The registry receives the automated discharge files and the computerised pathology reports from the public hospital. Furthermore, we receive individualised information from the cases treated by general practitioners, and from the hospital physicians who attend patients with cancer, as well as information from death certificates. There is an organised screening programme for breast cancer that also informs us of newly diagnosed cases.

The principal objectives of the Population Cancer Registry of Cuenca are:

1. To know the real incidence of the Cancer in our province, as well as its distribution by age, sex, morphology and topographic site of the different tumours.
2. To compare our incidence with that in other registries in Spain and other countries.
3. To know the temporal evolution of cancer incidence in our province.
4. To know survival rates in cancer patients and their temporal evolution.
5. To contribute to improving and encouraging epidemiological investigation, preventive measures and sanitary care in oncology patients.

Material and methods

All malignant tumours diagnosed from 1 January 1993 in persons residing in Cuenca at the moment of diagnosis are eligible for the RCCU. Furthermore, following WHO recommendations, we register all bladder tumours, independent of their behaviour. Basal and squamous cell skin cancers are not registered.

The data are automatically processed using a system that includes checking to avoid duplication, such as surnames, Social Security number and Clinical History code. We use the CHECK program to detect errors and inconsistencies between the different variables.

Cases are codified according to the ICD-O-2, following the recommendations of the IARC to classify multiple primary tumours as well as to register the different variables (incidence date, diagnosis basis). Access to patient data is restricted to Registry personnel.

Use of the data

The registry publishes a report of cancer incidence from 1993 to 2002, highlighting trends, evaluating survival and making geographical comparisons. Our registry is also taking part in the Regional Plan Oncology in Castilla–La Mancha. The registry also participates in a national research project about rare tumours.

The information obtained was used to produce three incidence posters at the National and Regional Epidemiology Annual Conference.

The data will also be used to measure the effect of the breast cancer screening programme.

Source of population

Updated information from the municipal registers of inhabitants for each year published by the Instituto Nacional de Estadistica (INE http://www.ine.es), except for the population aged less than 1 year in 1998, which was calculated based on annual growth.

Multiple primary rules used

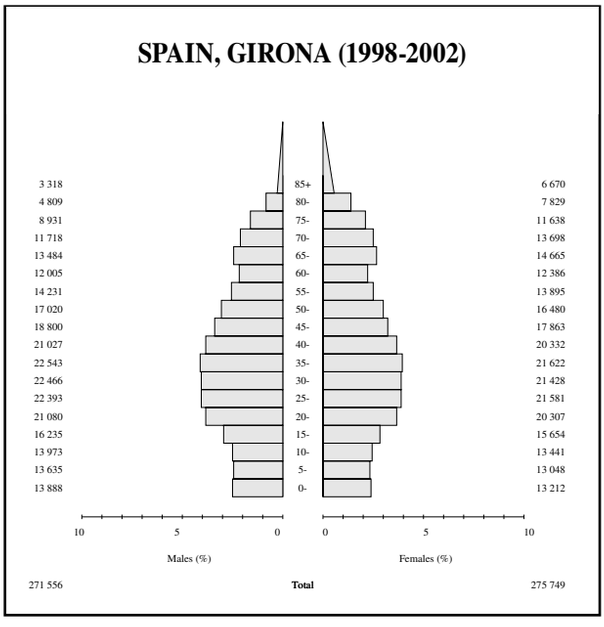
IACR rules (2000).

Spain, Girona

Registration area

The Girona Cancer Registry covers the population of Girona Health Region, located in the north of Catalonia in the northeast of Spain. The population at the most recent census (2000) was 538 139. The area covered by the registry is divided into 209 municipalities, with Girona city the largest (approximately 86 672 inhabitants). Within this region, about 57% of the population live in urban areas (>5000 inhabitants).

The population in Girona province is ethnically very homogeneous, with the majority of the population being Caucasian. However in recent years there has been a huge increase in immigration from Africa. According to the 2001 census in the province of Girona, 7.7% of the population are immigrants, originating from other European countries (1.8%), Africa (4.0%), South America (0.85%) and Asia (0.26%).



Cancer care facilities

Health care is provided predominantly by the National Health Service through the district hospitals and a network of primary health care centres. There are nine public hospitals with 1087 beds and three private hospitals with 233 beds (2.45 beds per 1000 inhabitants). Medical specialties concerning cancer treatment include radiotherapy, cancer surgery and chemotherapy and are carried out at different general hospitals but coordinated by the reference cancer centre in the city of Girona (Catalan Institute of Oncology-Hospital Universitari de Girona "Dr. Josep Trueta") which has radiotherapy facilities at its disposal. Some cancer patients may be diagnosed in hospitals located in Barcelona (100km from Girona), and the cancer registry also covers such sources of information.

Registry structure and methods

The Girona Cancer Registry began its activities in 1995. It is funded by the Department of Health of the Catalan Government and is carried out by the Catalan Institute of Oncology.

The staff is composed of a director, an oncologist as a coordinator, an epidemiologist, a technical registrar and a clerk. Several oncologists, hematologists, pathologists, computer scientists and statisticians are external collaborators.

Notification of cancer is voluntary. Data collection is active, from 21 sources consisting of general hospitals and pathology laboratories. Data are obtained mainly from admission services and medical records, as well as from pathology, oncology and haematology departments. The death registration system is adequate and complete; every year the registry analyses all death certificates. The registry staff visit the sources, where they check medical records and database of individual departments related to both the diagnosis and treatment of cancers. Their main objective is to identify and abstract information on cases of cancer that have been diagnosed by all methods. Arrangements have also been made with the hospitals located outside the Girona registration area in order to obtain information from patients whose cancers have been diagnosed and treated outside the Girona area. Accordingly, these sources are visited once a year to review these procedures. All records are interpreted and after coding, updated and processed. The registry is organised as a multi-user online database.

Morphology has been coded according to ICD-O-3 since 1998 and site has been coded according to ICD-O-3 since 2000. Before 2000, site was coded according to ICD-O-1 and morphology according to ICD-O-2 since 1993. The rules used for coding multiple tumours are those proposed by IARC/IACR. Quality control of data is ensured through the *DEPedit* programme.

Confidentiality is ensured by the application of the rules proposed by the European Network of Cancer Registries (ENCR).

The estimated completeness for the period 1998–2002, taking into account the proportion of DCN cases, was around 95.7%.

Interpreting the results

A screening program for breast cancer was started in the area covered by the registry in 1999, and there are opportunistic screening services for cervical cancer in the area. Use of the PSA test in the medical practices has also increased during this period.

Use of the data

The information obtained is used to produce annual incidence reports. Data on cancer incidence serve as a basis for health planning. Our registry has carried out and participated in epidemiological studies. Studies on both survival and care of patients with some specific tumours are also being carried out.

Source of population

The 1998, 1999, 2000 populations are intercensal estimates based on the 1996 and 2001 censuses, where allowance for births, deaths and migration have been made. The 2001 and 2002 populations are postcensal estimates, where the same methodology used in 1998–2000 has been applied, without making any correction based on a later census.

Multiple primary rules used

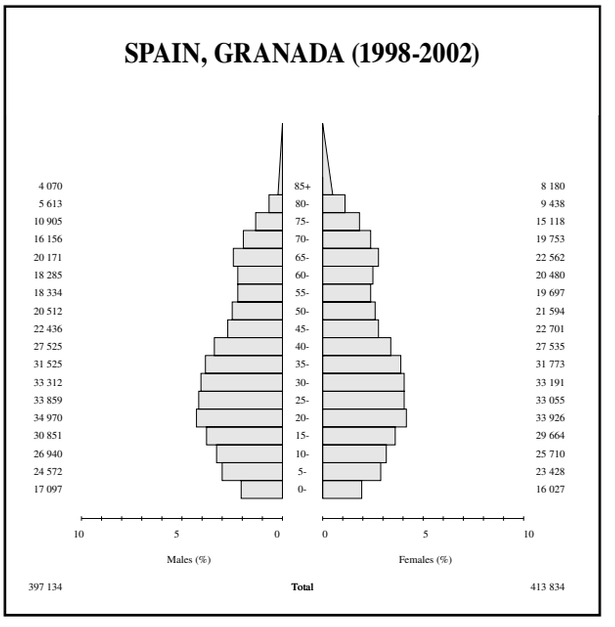
IACR rules (2004) on historical data.

Spain, Granada

Registration area
The population covered is the province of Granada within the Andalusian Region in the south of Spain. It lies between latitudes 38° and 36° N, and has an area of 12 635.3 km^2. The province has 71km of coast along the Mediterranean; a large part of its territory is mountainous, and one of the highest summits of Spain is found there (Mulhacén, 3481 m).

The population in 2000 was 809 006 inhabitants (395 659 men and 413 347 women), 16% of them aged 65 years or more. The province is divided into 168 municipalities: there is only one urban centre (Granada) with approximately 240 000 inhabitants, and 6 other municipalities have more than 20 000 inhabitants, the rest of the population (56%) living in smaller municipalities. The population is ethnically very homogeneous.

Granada has been one of the Spanish provinces with the lowest income per inhabitant, an important factor influencing migratory movements from 1950 to 1970, which have since stabilised. Of the economically active population, 10% are employed in agriculture, 22% in industry and building, and 62% in services. Industrial activity is limited to light industry, particularly food and wood processing. The rate of unemployment is 7% of the active population.



Cancer care facilities
The entire population (100%) has free access to public hospitalisation. The area is served by four public (2137 beds) and three private (356 beds) hospitals. Private hospitals serve a small part of the population. Diagnosis and treatment of cancer are available within the province, so few cancer cases are diagnosed or treated outside.

Registry structure and methods
The Cancer Registry of Granada was established in 1985. It is supported by the Regional Health Department of Andalucía and run by the Andalusian School of Public Health in Granada.

The main registry staff consists of an oncologist as director, one physician, and three clerks for case-finding and data processing. In addition, one epidemiologist, one statistician and one computer expert (part-time) collaborate with the activities of the registry and research projects.

Cancer notification in Granada is voluntary. The basic information sources include all public and private hospitals of the province. The registry receives the automated discharge files for the hospitals and the computerised pathological reports from the public hospitals. Data collection is mixed: incorporation of the automated hospital systems and active complementary search in hospital records by the registry staff. Information based on primary health care is limited. Due to confidentiality requirements, access to death certificates at the National Statistics Institute is not possible, and registry personnel have to collect this information in each of the municipalities. Coverage of this source was about 90% until the year 2000. From this year the access to this source is forbidden.

Data processing is carried out on a personal computer, and quality control of the data is ensured through the IARC-CHECK programme and other specific programmes developed in the registry.

Interpreting the results
Undiagnosed cancer cases are unlikely because diagnosis and treatment (radiotherapy and chemotherapy) of cancer are available in the province of Granada. From the year 2000 it is not possible to use death certificates as a source for case-finding, and this could slightly decrease the degree of completeness, although the percentage of DCO in the previous period was quite low (4%).

An organised population-based breast cancer screening programme has been established gradually in the province of Granada since the year 1997. Opportunistic PSA screening for prostate cancer could be responsible for the increase of prostate cancer incidence rates in the area.

Use of the data
In addition to incidence figures and descriptive studies, some case–control studies on lip, skin and oral cavity cancer have been carried out. The registry is also involved in studies on care and survival of cancer patients within the framework of the EUROCARE study, and in a cohort study on diet and cancer (EPIC Project).

Source of population
Updated using municipal registers of residents as of 1 January. Instituto de Estadística de Andalucía (IEA). Consejería de Economía y Salud.

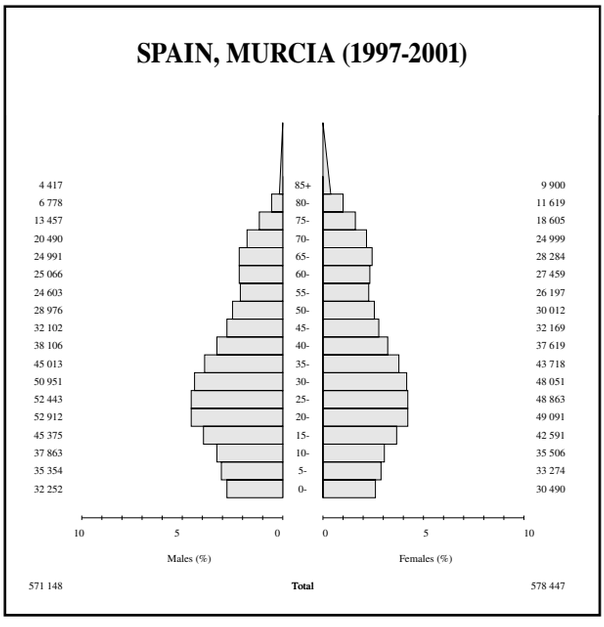
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Spain, Murcia

Registration area

The Murcia Cancer Registry (Registro de Cáncer de Murcia) covers the whole region of Murcia, one of the 17 autonomous communities of Spain. This region is situated in the southeast, a Mediterranean area. The average density is 118.1 inhabitants. The region is divided into 45 municipalities. Approximately 53% of the population lives in three municipalities with more than 50 000 inhabitants, while 7% lives in rural areas (<10 000 inhabitants). The main cities are Murcia, the capital, with 409 818 inhabitants, Cartagena with 203 945 and Lorca 87 153.

The population (2000) was 1 149 328, of whom 17.7% are children. Nearly 11% of the working population is employed in agriculture, although the proportion has been decreasing during the last decades; 62% work in services and 27% in industry and construction. The region has an important food-processing industry. Adequate food consumption frequencies are observed in most of the population for fruit, dairy products, olive oil and protein foods such as poultry, eggs and fish. Consumption of red meat is higher than recommended. Two in three people are overweight. The prevalence of smoking in 2002 was 41% in males and 34% in females, showing an increasing trend for women and a decreasing one for men. During the last decades the city of Cartagena had severe air pollution problems, mostly due to industrial emissions.



Cancer care facilities

Primary health care and hospital treatment are provided free of charge to every member of the population through a National Health Service. The region is divided into 6 health districts, each with at least one public hospital. There are 25 Hospitals, 12 public and 13 private hospitals for a total of 4317 beds, 73% of which belong to public hospitals, although practically all private beds may be used by the public health service by agreement.

Patients suspected to have cancer in the primary and secondary care facilities in the registry area are referred firstly to local public hospitals, and secondarily to the reference hospital located in Murcia, which has a comprehensive cancer Radiotherapy Unit.

Registry structure and methods

The Murcia Cancer Registry (Registro de Cáncer de Murcia, RCM) was established in 1981 as a project of the *Consejería de Sanidad* of the Region of Murcia, developed by the Department of Epidemiology. The database is registered at the Spanish Data Protection Authority as stipulated by law.

Information is principally collected by registry personnel. The identification of new cases is done mainly through the pathology, hematology, oncology, radiotherapy, outpatient clinics and clinical departments of public hospitals. Registry staff abstracts medical records to complete cancer data. In private hospitals the main sources of information are pathology laboratories and medical record departments. In order to ascertain cancer patients who are treated out of the region, the RCM receives notifications from the National Registry for Childhood Cancer (RNTI) as well as from the social security reimbursement service, which refunds expenses for being treated in hospitals out of the Region of Murcia.

In 1996, a new semi-automated program was developed. All previously registered cases were converted from ICD-O-1 to ICD-O-2 with IARCtools and, in addition, a considerable number of cases were manually reviewed.

When cancer is mentioned on a death certificate (DC), and the Registry has no information on that case, the main files of the principal hospitals are searched. If the case is not found, the certifying physician is questioned. If the information gathered is sufficient to register the case, that case is registered as a Death Certificate Notification (DCN). If no other information is available apart from that on the DC, the case is accepted as a Death Certificate Only (DCO). Both DCO and DCN, among other indicators, are used for monitoring quality control.

Interpreting the results

Opportunistic screening for cervical cancer is carried out by public and private healthcare, increasing the number of Pap tests from the eighties to the nineties, but there is a low number of total cervical cytology compared with the rest of Spain. The PSA testing is an irregular practise in the region of Murcia operating by the cancer society and clinicians. A population-based screening programme for breast cancer started at the end of 1995 with a current participation rate near 70% of the total female population in the region.

Use of the data

The main purpose of the Registry is to estimate cancer incidence in the region, trends and survival. In addition, the RCM is used for planning and evaluation of cancer control programmes as well as for epidemiological studies. The RCM has participated in two multicentre case–control studies, one on HPV and cervical cancer carried out in Colombia and Spain, and another on non-melanoma skin cancer in four Mediterranean countries (initially Helios I Project and afterwards Helios II Project). Currently it is involved in the European Prospective Investigation on Nutrition and Cancer (EPIC study), coordinated by IARC.

The registry participates in EUROCARE, following up cases diagnosed between 1990 and 1998 to provide data and contribute to calculating survival throughout Europe. The Registry is also involved in two multicentre Spanish studies, the first in rare tumours and the second in validating the cancer diagnoses in the minimum dataset from hospitals.

Source of population
Annual estimates: Updated using municipal registers of residents as of 1 May of 1996, 1997, 1998, 1999, 2000, 2001. Madrid, INE.

Multiple primary rules used
IACR rules (1990).

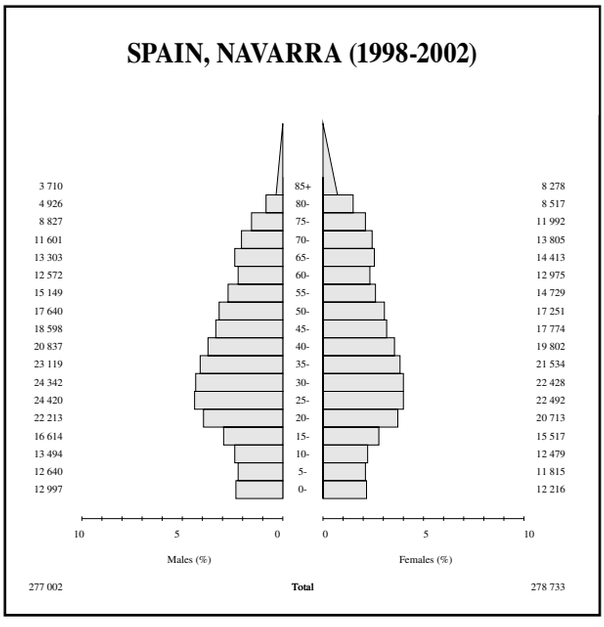
Spain, Navarra

Registration area

The area covered is the Community of Navarra, one of the 17 Autonomous Communities of Spain. Situated in the north of the peninsula, Navarra borders on France to the north (the Pyrenees), the Autonomous Community of Aragón to the east, the Autonomous Community of La Rioja to the south and the Autonomous Community of the Basque Country to the west.

The total area of Navarra is 10 491 km^2. Navarra is scantily populated, with a density of 49.6 inhabitants per km^2, and is the fifth least inhabited Community in Spain.

According to the 2001 census, Navarra had 555 829 inhabitants, of whom 33.5% lived in Pamplona, capital of the province—rising to 50% if the surrounding area is included with the city. Of this population 49.8% are men, 13.7% are aged 0–14, and 18.1% are 65 or over.



In the last decade Navarra has had a small positive migratory balance, as well as a significant re-distribution of the population toward Pamplona and its surrounding area. There are more births than deaths, and the population has grown older over the last years due to the large decrease in mortality. During the last 25 years, the birth rate fell from 17.72 in 1975–76 to 10.04 in 2001. The mortality rate adjusted for the European population in the period 1995–99 was 774.8/100 000 inhabitants for men, and 410.9 for women; in 2000–04 it was 691.6 and 368.1, respectively. During 2000–04, life expectancy for those born in Navarra was 77.9 for men and 85.0 for women.

Cancer care facilities

The Navarra Health Service covers 95% of the population. Health care in Navarra is composed of basic health districts, which are grouped into three health areas. All inhabitants have access to the health system through the primary level (Health and Consultation Centres), or through the emergency departments at the primary or secondary (specialised) level.

Cancer control activities in the region are based on promotion of healthy lifestyle, health checks for people occupationally exposed to carcinogenic substances, and hepatitis B vaccination in childhood. There is breast cancer screening in women aged 45–69, cytology screening for cervical cancer among groups considered to be at risk, and *ad hoc* advice to the population. Any patient suspected of having cancer has access to any diagnostic and treatment facilities considered necessary, and is followed by public assistance services and/or by private services.

Registry structure and methods

The population-based Cancer Registry of Navarra was created in 1970, as a result of the collaboration between the Spanish Association Against Cancer and the Public Health Institute of Navarra. The main objective is to study the incidence and principal characteristics of cancers occurring in Navarra, to promote and facilitate epidemiological investigations, and to provide data for planning of health services and preventive activities.

The registry staff includes one part-time epidemiologist, and a full-time nurse and a social assistant who are responsible for casefinding and coding. An administrator records and processes the data. The Advisory Committee of the Navarra Cancer Registry collaborates with the staff. The data are processed in the Registry itself.

Active casefinding involves systematic collection of information on all cancer cases diagnosed in hospital departments in Navarra. Notification of cancer is voluntary. The principal sources of information are the pathology and haematology laboratories, radiotherapy and oncology departments, as well as the medical records departments of all public and private hospitals. Data on incident cases are completed by data on deaths obtained from the Mortality Registry through a systematic search, mainly for completing the cause and date of death.

Follow-up is carried out through examination of medical records and death certificates. There is no personal contact with patients. Data are recorded on individual notification forms and later entered onto computer with a system of individual access for each registry staff member. Duplicate and quality control checks are run periodically. The IARC rules are used for multiple primaries.

Interpreting the results

During this period, no changes occurred in the area covered, although the number of inhabitants increased by 6.7% between 1996 and 2001. The aging of the population is to be taken into consideration: at the time of the 1996 Census there were 14.3% population under 15 years and 17.4% over 65 years. There have been no changes in the availability of diagnostic services and/or treatment.

In 1993, topography and morphology were coded using CIE-0-2 for Oncology. During 1993–2002, the European Network of Cancer Registries recommendations on incidence date and behavioural classification in bladder cancer were applied. Since 1995, all tumours of the Central Nervous System have been collected.

Since 1990, there has been a breast cancer screening programme for women aged 45-64, raised to age 69 for the years 1998–2002. The increase of prostate cancer incidence rates could be due to increased use of the PSA test during this period.

Use of the data
The registry produces local reports on cancer incidence in Navarra for biennial and quinquennial periods. It has collaborated in evaluation of the breast cancer screening programme in Navarra. The registry has participated in two case–control studies on cancer of the cervix and of the larynx, and in a study on brain cancer. It is collaborating in the EPIC study as well as in studies of trends and of childhood cancer. The registry participates in EUROCARE and the EUROPREVAL group. It has been providing data to Cancer Incidence in Five Continents since Volume III, as well as to the ACCIS and EUROCIM databases of IARC.

Source of population
Intercensal estimates. Instituto de Estadística de Navarra. Gobierno de Navarra. http://www.cfnavarra.es/estadistica/agregados/poblacion/estim_censo/estim_censo_9602.xls.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

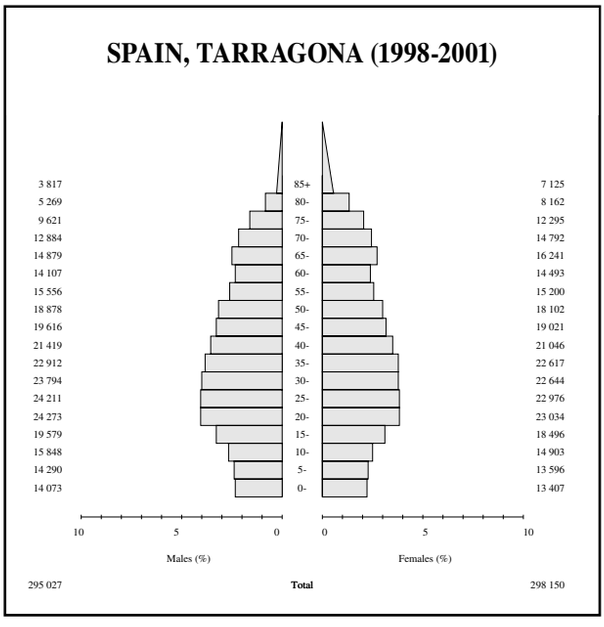
Spain, Tarragona

Registration area

The Tarragona Cancer Registry covers the province of Tarragona, located in the south of Catalonia in the northeast of Spain next to the Mediterranean Sea. In July 2000 the population was 595 652. The two largest towns have 114 000 and 89 000 inhabitants respectively. Five other towns have more than 20 000 inhabitants, 26 other towns have 3000–20 000 inhabitants and 147 villages fewer than 3000.

Approximately a third of the population was born in other parts of Spain and migrated between the 1950s and 1970s. About 20 000 foreigners are officially residents in the province (among them, more than 8000 from Morocco and 7000 from Europe). Since the establishment of the Registry in 1980, there have been no changes in the area covered by it, although the population increased from 513 000 in 1980 to 607 000 in 2001. Most of the people belong to the white Mediterranean race. Roman Catholicism is the major religion.

The prevalence of smoking in people aged 15–64 was 55% in males and 20% in females in 1982, and 43% in males and 25% in females in 1998. Of the working population, 7% belong to the agricultural sector, 21% to the industrial sector, 14% to the building sector and 58% to the service sector. In the province there is a petrochemical complex active since the 1970s. Three nuclear power stations have been running from the 1980s; another has been stripped down after running since 1975.



Cancer care facilities

Practically all the population is covered by the National Health Service. In 2000 the number of physicians was around 2000. In the period 1998–2001 there were seven public hospitals and six private ones in the area, with a total of 1250 beds. One of the public hospitals has a 32-bed oncology department that includes medical oncology, radiotherapy oncology and palliative care units. Some cancer patients are transferred to specific hospitals in Barcelona (100km from Tarragona), which are also sources of information for the Registry.

Registry structure and methods

Since 2001, the Registry has belonged to the Foundation League for the Cancer Research and Prevention, which receives financial support from the Department of Health of the Catalan Government. The Registry also receives funds from the provincial administration.

The staff includes a director, two epidemiologists, a computer scientist, a nurse, a medical officer and one clerk. Several specialists (in oncology, pathology, epidemiology and others) act as external collaborators.

Notification of cancer is voluntary. Data collection is through passive notification in the majority of sources and by active search in the rest. The main sources of information are inpatient records, pathology laboratories, hospital-based cancer registries and haematology laboratories. The Registry receives copies of all death certificates of people who were living in the province. Cases notified from a death certificate are systematically traced, and if no further information is obtained, are registered as death-certificate only cases.

The Registry records malignant tumours whether *in situ* or invasive, and includes tumours of the nervous system of undetermined nature. Bladder papillomas, if histologically verified, are not registered. Although the Registry employs a set of rules for the inclusion of multiple primaries, which are more liberal than those of IARC/IACR, the results presented here strictly follow these rules.

The control of duplicates is based on name, birthdate, sex, places of birth and residence, personal identity number and social security number. Online checks are made when entering the data in the computer to detect errors and inconsistencies. The IARC-Check program is used periodically to detect errors and unlikely situations.

From 1998, the Registry adopted the criteria and the codes of ICD-O-3 for recording morphology.

Interpreting the results

Some assessments indicate that the completeness of the Registry exceeds 96–97%.

Since the beginning of the Registry in 1980, availability of diagnostic and treatment services increased, although it is difficult to estimate the influence of these changes in the cancer incidence trends.

There was no population-based cervical cancer screening programme in the area during the period, but an annual average of approximately 36 000 cytological examinations for cervical cancer were carried out.

A population-based breast cancer screening programme started in 1998 for women aged 50–64, raised to age 66 in the second round. The participation rate in the first round was 58%. About 36% of participants of this programme had a previous mammogram within the two years before the mammogram of the programme.

The use of the PSA test was quite high during this period, but the degree of influence of this diagnostic procedure on the prostate cancer incidence rates in Tarragona is not known.

Use of the data

The Registry produces cancer incidence and survival statistics for the area, and describes their major epidemiological characteristics and their evolution. It also promotes epidemiological research and advises policymakers on current and future needs for cancer care services. It collaborates directly in the evaluation of the Breast Cancer Screening Programme of the province,

supports the evaluation of cervical cancer prevention and other cancer control activities and evaluates its effects.

Source of population
1998–2001. The intercensal estimates are based on the 1996 and 2001 censuses, making allowance for births, deaths and migrations into and out of the registration area. Population census of 2001. Institut d'Estadística de Catalunya.

Multiple primary rules used
IACR rules (2004) on historical data.

Spain, Zaragoza

Registration area
The Zaragoza Cancer Registry covers the population of one province (Zaragoza) within the region of Aragón, in the northeast of Spain. The population at the most recent census (2000) was 848 006. About 81% of the population lives in urban areas; most are Christians.

Cancer care facilities
General health care in the region is provided predominantly by the Health Services Department of Aragón through a network of primary health centres and public hospitals. This is supplemented by private practitioners and hospitals. The Zaragoza Cancer Registry is located in Zaragoza, the capital of the province, and provides radiotherapy, cancer surgery and chemotherapy services. Patients suspected to have cancer in the primary and secondary care facilities in the registry area are mostly diagnosed and treated in the public hospitals of Zaragoza. We estimate that very few patients are followed outside the registry area.

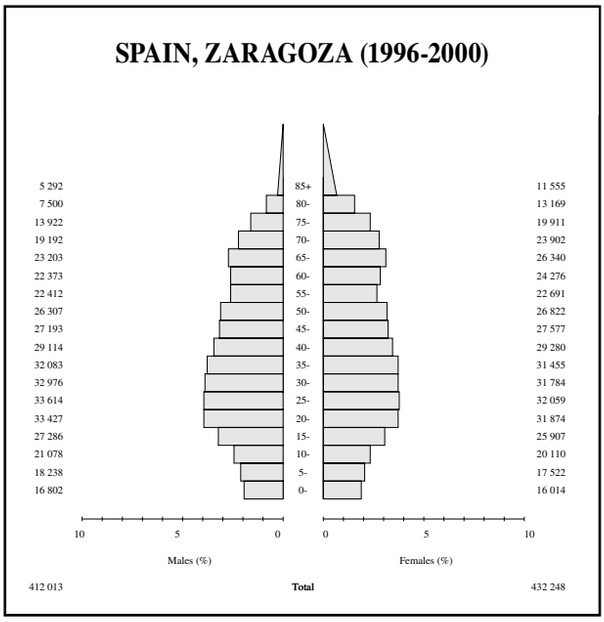
Registry structure and methods
The registry was funded in 1960 by the state Health Department. The registry is staffed by two part-time medical officers, one part-time administrative worker and one full-time health worker.

The Zaragoza Cancer Registry uses several different sources of data: primarily pathology and haematology laboratories, radiotherapy and chemotherapy services and hospital discharge records. The registry staff visits these sources and records all cases with diagnosis and treatment of cancers diagnosed by all methods, among residents of the registry region. We supplement this information with death certificates when cause of death is identified as cancer.

For some cancers, such as haematological tumours and childhood tumours, complementary information sources (such as the Haematological Registry and the paediatric hospital cancer registry) are used to evaluate the completeness and accuracy of the information recorded.

Interpreting the results
It is not possible to estimate how many cancer cases remain undiagnosed, but it probably occurs only for elderly subjects who have had a pathology diagnosis. PSA testing is common in the population.

In interpreting these results, note that since year 2000 data have been received electronically, as a new method of data collection. Automatic registration began in 2000 as well.



Use of the data
The registry prepares an annual report of cancer incidence, highlighting trends and changes. Some special studies have been carried out. The Registry is participating in several epidemiological studies such as risk of second primary cancers, rare tumours in Spain, childhood cancer trends, incidence and mortality cancer inequalities, the HAEMACARE project and validity of hospital discharge records for estimating cancer incidence. Policymakers mainly use our cancer registry data for planning purposes.

Source of population
Obtained from municipal census.

Multiple primary rules used
IACR rules (1990).

Sweden

Registration area
The Swedish Cancer Registry covers the whole population of Sweden. The mean population in 2002 was 8 924 958. About 24% of the population lives in urban areas (>100 000 inhabitants). The main part of the population is Protestant; approximately 15% are not members of the Church in Sweden.

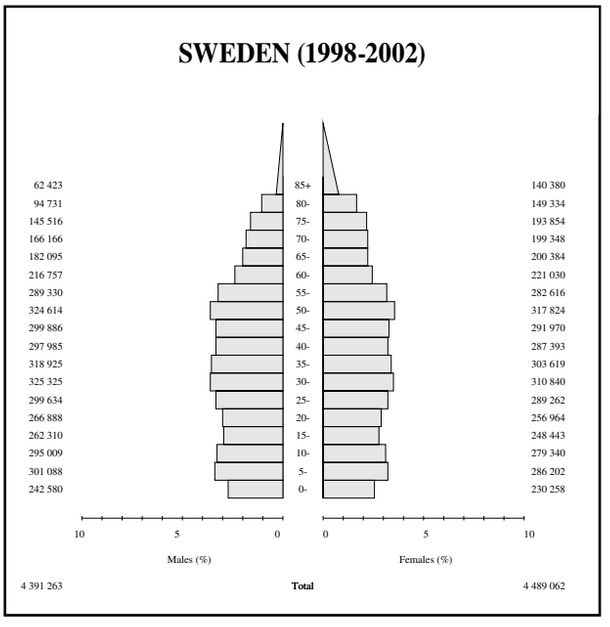
Cancer care facilities
Cancer care facilities in Sweden are incorporated with the general healthcare system. There are oncological centres in each one of the six medical regions of Sweden. Nearly every cancer case will sooner or later be seen at a hospital. Hospital and forensic pathologists make independent compulsory reports on every cancer diagnosis made from surgical biopsies, cytological specimens and autopsies.

Registry structure and methods
The Swedish Cancer Registry, which was established in 1958, is managed by the Centre for Epidemiology (EpC) at the National Board of Health and Welfare. The Government finances the registry. Six regional cancer registries covering the whole country perform the registration of new cancer reports and the major check-up and correction work. These registries are associated with the oncological centres in each medical region of Sweden.

The registration of newly detected tumour cases is based on compulsory reporting by all physicians responsible for in-patient and out-patient departments in all public and private establishments for medical treatment. The data in the Registry are supplemented with information on cause and date of death by computerised linking with the Cause of Death Registry. The Swedish Cancer Registry does not use information on cancers based on death certificates only.

Interpreting the results
The overall reporting to the registry is estimated to be 96% of all diagnosed cases.

There are two main screening programmes in Sweden: breast and cervix cancer. PSA testing for men is also quite common in recent years.



Use of the data
The registry prepares an annual report of cancer incidence, highlighting trends and changes. The publication is, since year 2000, only published on the Internet.

Many researchers in Sweden and in other parts of the world use the registry.

Source of population
Official population statistics from Statistics Sweden.

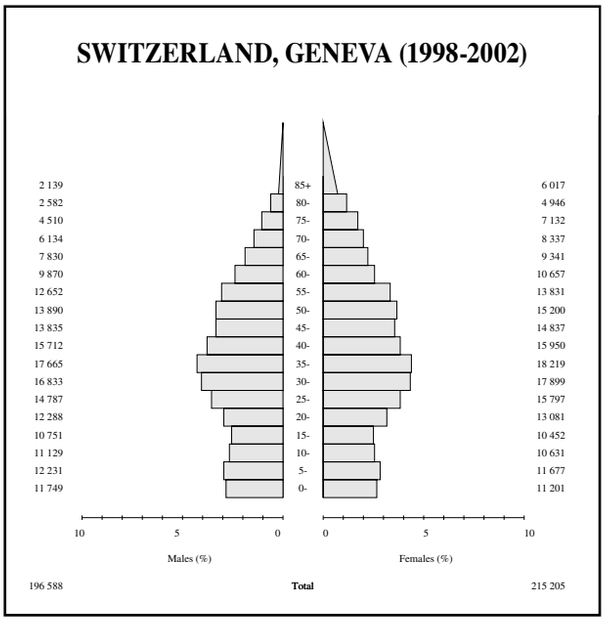
Multiple primary rules used
IACR rules (2004) on historical data.

Switzerland, Geneva

Registration Area

The Canton of Geneva is situated at the extreme west of Switzerland. It has a total surface of 282 km^2, of which Lake Geneva occupies 36 km^2. The climate is temperate: mean temperature is 11.5°C, with temperatures varying from -8.8°C to 35.3°C in 2002. The annual rainfall amounts to 1166mm (2002). Air quality is fairly good: the annual average pollutant concentrations observed in the centre of Geneva are 6 μg/m^3 for SO_2, 32 μg/m^3 for NO, 42 μg/m3 for NO_2, 34 μg/m^3 for O_3 and 0.6 mg/m^3 for CO (2002, from ROPAG-SCPA).

On 31 December 2002, the population of the canton was 427 705, of whom 14.5% were aged 65 and more and only 21.9% younger than 20. This structure is due not only to the joint effects of a low fertility rate and an increase in life expectancy, but also reflects fairly heavy immigration (often temporary) at the ages of economic activity. This immigration comes traditionally from Latin countries. Due to a restrictive policy in granting Swiss nationality, the proportion of the resident population considered as foreign remains high, at 38.4%, of which 18% were Portuguese, 14% were Italian, 12% French and 10% Spanish.



The economically active population is concentrated in the administrative and service sectors (82%), with production workers comprising most of the remaining population (16%); agricultural workers are few (<2%), due to the small amount of cultivated land and the high degree of agricultural mechanisation (1995 figures). These figures remain unchanged to date.

Cancer care facilities

The hospital facilities for acute illnesses comprise one general public university hospital with 1267 beds (1997) and some smaller private hospitals and clinics. Cancer patients are also treated at two other university hospitals, namely a geriatric institution (300 beds) and a hospital for chronic affections (300 beds). No hospital, either public or private, has beds reserved specifically for cancer patients. Between 1997 and 2002 there were no major changes.

Registry structure and methods

The Geneva Cancer Registry was founded in 1969 and started recording cases in 1970. In 1991, the Registry was attached directly to the Public Health Service of the Canton of Geneva. Since 1999, it has been attached to the University of Geneva, which provides most of the budget. Additional funds are obtained from the Federal Ministry of Health, through the Swiss Association of Cancer Registries.

The staff is composed of 12 persons, most of whom are part-time, with 3 doctors and 2 statisticians. The registry is located in an apartment opposite the Geneva University Hospital in the centre of the city.

Diagnostic and treatment services are easily accessible: Biopsies are mainly carried out at the central laboratory or in other specialised services of the public hospital. Since two years ago, a large part of the biopsies have been transmitted in electronic form, allowing a linkage with the registry's database each month. There are three private pathology laboratories that provide records to the registry or permit systematic consultation of them. Autopsies are performed at the university hospitals, and the necropsy rate is estimated at 7% of deceased residents (2002). Every case has a personal number for confidentiality.

Data collection for the registry is undertaken by examining the university hospitals records of the various services concerned, as well as by a questionnaire sent out to private practitioners. The response rate of the latter is more than 90%.

We have access to all reports from the only department of radiation oncology in the canton. This department provides us with a control listing each year. The registry also has access to all death certificates in the canton, which in addition to clinical records, permit a continuous follow-up. In addition to this passive follow-up, the registry also undertakes active follow-up of all cases each year. This follow-up is facilitated by direct access to the Cantonal Office of Population. In the case of death, the primary cause is recorded and re-examined, as well as the possible presence of a tumour, clinical or confirmed, at the time of death.

Interpreting the results

As an indicator of reliability of the data, a very low percentage of cases (<1% 1998–2002) are recorded from death certificates only. In addition, the low rate of cases found at autopsy (0.7% 1998–2002) compared with the total number of cases confirmed histologically suggests that most cases are identified during the lifetime of the patient.

During this period 1998–2002, there was not yet a screening program in the canton for any localisation of cancer, but since 1 January 1999 there has been a screening programme for breast cancer. Nonetheless, spontaneous screening is well accepted in the population, with mean annual screening rates of about 40% for Pap tests (women aged ≥15) and about 20% for mammographic screening (1991–1995). PSA testing is generalised in the population of the canton.

Use of the data

Policymakers do not use our cancer data to evaluate health services. For planning, the cancer registry has received an

official mandate to evaluate the breast cancer screening program and the campaign against melanoma.

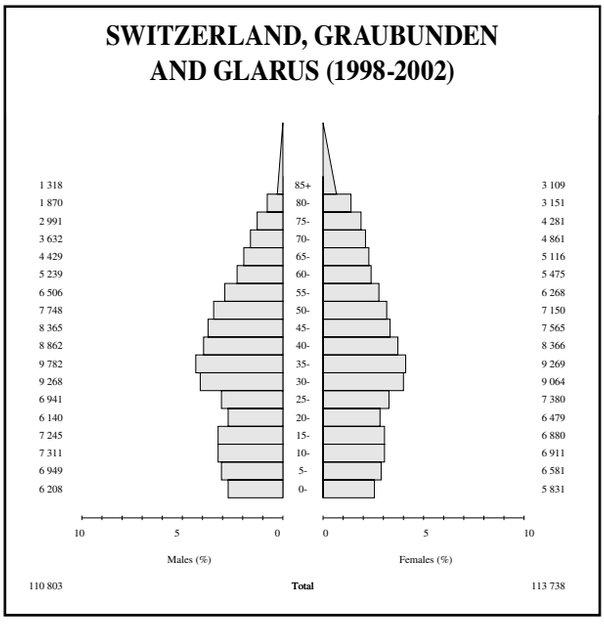
In addition to the processing and publication of routine, incidence and survival data, the registry initiates or participates in analytical epidemiological investigations. Several case–control and cohort studies have been undertaken for etiological or evaluative purposes.

Source of population
Average mid–year annual estimates, based on official numbers of births, deaths, immigrations and emigrations, on December 31st. Office cantonal de statistique.

Multiple primary rules used
IACR rules (2004) on historical data.

Switzerland, Graubünden and Glarus

Registration area
The cancer registry of Graubünden Glarus covers the population of the two corresponding cantons in the eastern part of Switzerland. The Canton of Glarus has 29 communities and Graubünden 213. The population at the official census 2000 was 36 600 for Glarus and 187 058 for Graubünden. About 15% of the population of Glarus live in the capital of Glarus, while 20% of the population of Graubünden live in the capital Chur. In both cantons about 40% are Catholics and 50% Protestants. Glarus has about 25% foreigners, while in Graubünden there are about 15%. Most are Christians, whereas only a very small minority are Muslims. Only very few people immigrated from African or South American countries. Among the population of Graubünden, 27 038 were räto-roman, who keep their native language, the *Rumantsch*.



Cancer care facilities
General healthcare in Glarus is provided by the district hospital in the capital Glarus and a network of about 40 practitioners. In the main hospital, cancer surgery and chemotherapy are available.

In Graubünden cancer care is provided mostly in the main hospital in Chur, which includes all cancer services. Radiotherapy is available only at the centre in Chur; some of the patients are treated in Zurich or St. Gall. A network of some 10 hospitals and about 300 practitioners supplement this care. Altogether 5% of the patients are treated in the cantons of St. Gall, Zurich, Ticino or even at hospitals over the Italian frontier (patients from the Posciavo).

Registry structure and methods
The registry is located within the Department of Pathology at the main hospital at Chur, and is funded partly by the cantons of Graubünden and Glarus, and by the Federal Government of Switzerland. A part-time pathologist (less than 10%) and a part-time registrar (80%) are responsible for the registration of new cases. The method of registration is strongly related to guidelines of the cancer registry network of Switzerland.

About 85% of new cases are directly notified through the pathology network, the reminder being found by case study (scrutinising medical documents) in about 30 departments of 12 hospitals of the two cantons. Notification is based on a voluntary agreement between the medical institutions and the registry. Death certificates are provided by the Federal Office of Statistics by special contract. In fact, there are more and more pre-coded data available, facilitating the registry work. Cancer registries of Zurich, St. Gall and the Ticino complete the datasets with information about patients hospitalised outside the registration area. The network of the registries in Switzerland and the central office help to complete the data files in the registry of Graubünden and Glarus, which in fact needs more personnel. As an active member of the Swiss Association of Cancer Registries, the registry has permission from the Central Data Commission for Data Protection in Medical Research of the Swiss Government to receive non-anonymised data on cancer patients.

Periodically quality control and plausibility procedures are performed partly by the registry itself, partly by the Swiss Association of Cancer Registries.

During the reported period there have not been any changes in the covered area or the population registered. Case definition and coding have been kept stable, except for adaptation to TNM-Classification or the recommendations of the AJCC. Reporting includes incidence and follow-up for periods of 5 and 10 years.

Interpreting the results
Because neither of the two cantons has university service and because a large population live in rural areas, some cancers might go unrecognised. However, the cooperation of the neighbouring cantons ensures that cancers treated outside the registration area are captured.

Still, screening for some cancers (e.g. cervix) is not thoroughly established, and needs further distribution among the rural population at the cantons' periphery. For other cancers, i.e. breast cancer, a screening program is widely accepted. PSA screening for cancer of the prostate is widely accepted and performed. Discussion is ongoing on the possibility of lung cancer associated with exposure to free radicals (i.e. radon) and also to dust-mediated pneumopathies.

Use of the data
The main objective of the registry is to make the data on cancer incidence available to the Swiss Association of Cancer Registries for publication and dissemination. In the future, more active participation in analytical epidemiological investigations is planned. Providing data to policymakers for planning and evaluation of health services has to be established in the future.

Source of population
Annual estimate of permanently resident population at mid–year, based on the 2000 census and taking into account births, deaths and migration. Source: Federal Office of Statistics, Switzerland.

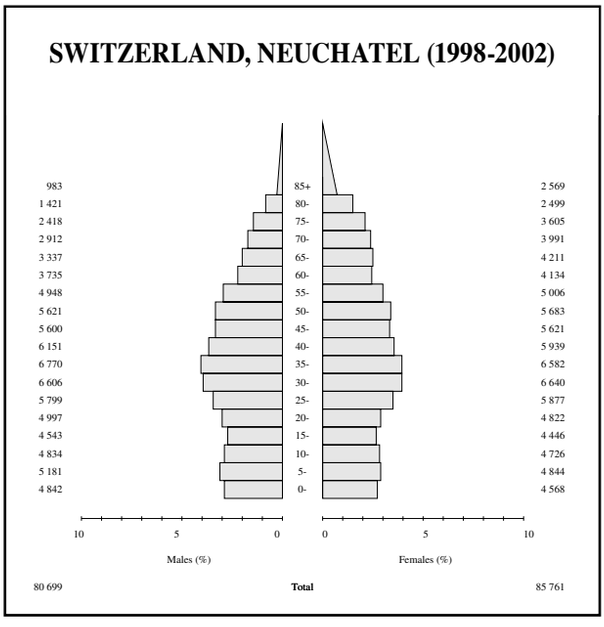
Multiple primary rules used
IACR rules (2000).

Switzerland, Neuchâtel

Registration area
The Registry, which covers the whole of the French-speaking canton of Neuchâtel (800 km^2 with about 168 000 inhabitants), is located in the western part of Switzerland, sharing half of its frontier with France. The canton is a mainly rural region with only two cities of approximately 35 000 inhabitants. In the absence of heavy industry, watchmaking and the micro-technical industry are the main activities.

Almost all the population is of Caucasian origin; 38% are Protestant, 31% are Catholic, and foreigners, predominantly of Mediterranean origin, currently account for about 23% of residents. In 2000, the main occupational sectors in the canton of Neuchâtel were: industry 34%, agriculture 4% and services 62%.

Cancer care facilities
In 2000, the region covered by the Registry had around 900 hospital beds available for diagnosis and treatment (i.e. about five beds per 1000 population). In the same year there were about 520 practicing physicians (one per 320 population). Radiotherapy and oncology services are integrated in a unique coordinated multi-site public organisation covering the whole area.



Registry structure and methods
The bulk of information is provided by the local Institute of Pathology (INAP) through biopsy, cytology and autopsy reports. Notification is based on voluntary agreement between the recording medical institutions of the canton and the Registry. Other sources of information are the departments of oncology and haematology, which also centralise diagnostic and therapeutic procedures for malignant haematological disorders.

The Registry is financially supported by the local League against Cancer (60% of the budget) and by the cantonal public health department for the remainder. Marginal support is also provided by the Swiss government through the Swiss Association of Cancer Registries.

Moreover, information on residents diagnosed or treated outside hospital, elsewhere in Switzerland, or in other countries, is provided by the neighbouring cantonal tumour registries of Vaud and Geneva (mostly upper aero-digestive tract, skin and childhood cancer cases) and the general practitioners.

Further information is also abstracted and systematically checked by the registry staff from hospital charts. A specificity and strength of the registry is the routine integration of an abstract of the medical record in the registry datafile and periodic computer linkage between the latter and the centralised cantonal administrative population database (active follow-up).

All death certificates are checked annually against the Registry files. This constitutes a process of passive follow-up, each subsequent item of information being used to complete the record of an already-registered case.

All relevant information is manually scrutinised before being interactively introduced into the computer of the Computer Center of Neuchatel. Additional, more sophisticated automated verifications and analyses are also performed on stored data in batch mode using *ad hoc* programs by the Vaud Cancer Registry on the computer of the University of Lausanne (UNIL).

Interpreting the results
There has been no organised screening during the incidence period for CI5-IX, but prescription of the PSA test is increasing, although not as dramatically as in most western European countries (preventive prostate examination—via biological test or clinical examination—reported on average by 15% of men aged 40–69 and resident in French-speaking Swiss cantons).

Use of the data
The registry provides routine statistical annual incidence and mortality data by sex, age and primary site, and data for local planning purposes. It is also engaged in (mostly) descriptive epidemiological studies in collaboration with the Vaud Cancer Registry and the six other Swiss population-based registries belonging to the Swiss Institute for Applied Cancer Research (SIAK).

Among the research opportunities offered by the operating structure within the collaboration agreement with the Registry of the Canton of Vaud is the definition of risk of second neoplasms for patients registered with a defined primary.

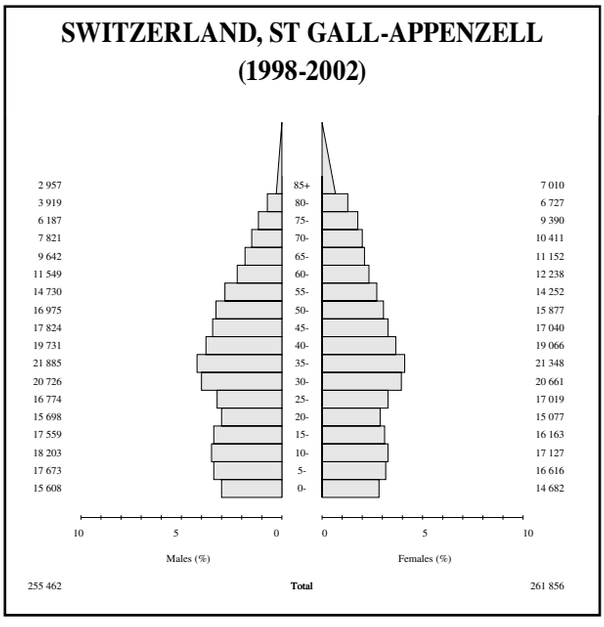
Source of population
Estimate: estimates from the Cantonal Office of Statistics; resident populations by sex and 5–year age group on December 31st. Sources: Office rne; Service Cantonal de Statistiques. Annuaires statistiques du canton de Neuchâtel, Neuchâtel, 1998–2002.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Switzerland, St Gall-Appenzell

Registration area
The registry covers the three cantons of St Gall, Appenzell AR and Appenzell IR in the northeastern part of Switzerland, a total area of 2430km^2. It extends between latitudes 46° and 47° N; the lowest point is 396m and the highest 3247m above sea level.

The registry covers the entire resident population, amounting to 521 971 in mid-2002. Of this total, 87% belong to the canton of St Gall. Major parts of the area are rural. There is one city with 73 000 inhabitants. Important industries are metal machines and vehicles, and construction, which are relatively broadly distributed over much of the region. In 2000 the per capita income was 86% of the Swiss average in St Gall, 81% in Appenzell AR and 87% in Appenzell IR. Five sixths of the population are Swiss, the others mainly of other European origin.



Cancer care facilities
In 2002 there were 882 active physicians (1 per 592 inhabitants). About 1720 hospital beds were available in acute hospitals. The central hospital in the city of St Gall has a special clinic for oncology as well as for radio-oncology, and a public outpatient clinic for cancer patients that takes care of patients referred by general practitioners and other clinics. In addition, there are ten consultant oncologists. For inpatient care patients are usually referred to a hospital within their region. Most cancer patients are treated at the central hospital or in one of the peripheral acute hospitals within the region at least once during their disease. Some people in areas adjacent to the urbanised canton of Zurich seek care there.

Registry structure and methods
The cancer registry was founded by the Regional Cancer League in 1960 at the department of pathology in the central hospital of St Gall. It was hospital-based until 1980, when it became population-based. The sponsoring bodies are the Regional Cancer League and the three cantons covered by the registry, and it is also subsidised by the Federal Government. At present the registry has 3.6 full-time positions.

Reporting of cancer cases is voluntary. The most important data source is active and passive collection of reports from the central pathology laboratory. In addition, the registry staff actively collects data in the other pathology laboratories in the region and in all regional acute hospitals. In the central hospital, the departments of oncology, haematology, radiotherapy, neurosurgery, paediatrics and the geriatric clinic are actively scrutinised. There is a routine exchange of information with the other cancer registries of Switzerland, especially with those covering two neighbouring cantons (Zurich and Grisons). Active case ascertainment has also been organised with consultant oncologists in the region. Finally, all death certificates with a cancer diagnosis are scrutinised, and further information is sought out. Active follow-up for survival is carried out systematically at 5 and 10 years after diagnosis.

Reports are usually checked within a few days after receipt. Names and dates of birth are checked in order to find duplicates. In case of doubt, a physician is asked for advice. Six months after receipt of the first report, additional information is sought if necessary by mailed questionnaire or in the case notes of hospitals. Addresses are checked with official population control offices. Cases are finally coded and closed by a physician only about two years after onset.

Several logical checks are automatically made by the computer system. The coding is visually checked on the screen and, after completion of a case, on the case printout. Additional systematic checks on duplicate registrations are done after completion of a registration year. Checks on consistency of site, morphology and age are done through the Association of Swiss Cancer Registries.

Completeness of registration has been traditionally evaluated by the incidence/mortality method (death certificate method) and more recently via the so-called "flow method" (Boullard et al.). By this method it was ascertained that over 90% of the incident cases are registered within 12 months.

Interpreting the results
There are no population-based cancer screening programmes in this region. Screening is performed as an individual initiative and seems to be popular and effective for cervical cancer. More than 85% of cervical cancers registered were *in situ* carcinomas. Early detection of breast cancer, on the other hand, could be much improved. Only 7% of breast cancers registered in women aged 50–69 years during 2000–2004 were non-invasive.

Use of the data
The registry prepares yearly routine reports on cancer incidence including five-year periods. Analyses such as time trends of cancer incidence and mortality, survival and stage distribution in selected cancer sites are also carried out. *Ad hoc* analyses are done on request.

The registry's data have been included in joint studies of the Association of Swiss Cancer Registries, e.g. on time trends of incidence of lung cancer, incidence of cancer in childhood, and the risk of cancer by occupation. The registry takes part in international studies (ACCIS, EUROCARE, CONCORD, EUROPREVAL, EUROCHIP) as well.

Source of population
Annual estimate of permanently resident population at mid–year, based on the 2000 census and taking into account births, deaths and migration. Source: Federal Office of Statistics, Switzerland.

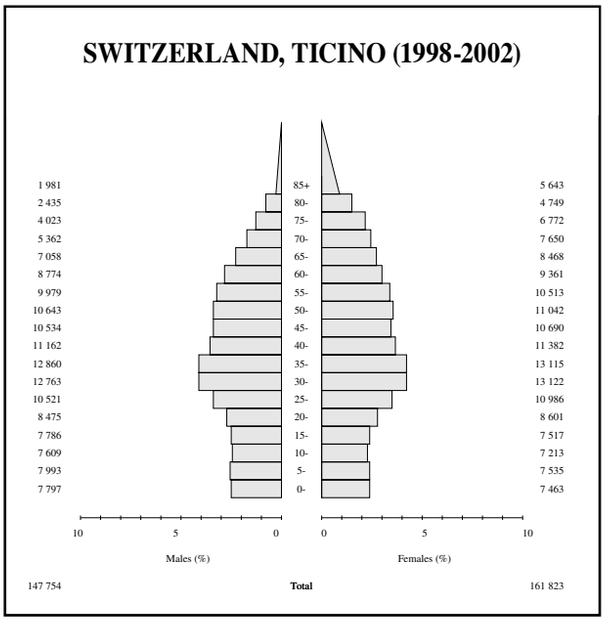
Multiple primary rules used
IACR rules (2004) on historical data.

Switzerland, Ticino

Registration area

The Canton of Ticino is situated at the extreme south of Switzerland. It has a total area of 2812 km^2 and is bordered on the north by the Canton of Uri, on the east by the Canton of Graubünden and Italy, and on the south and west by Italy. The highest point is 3402m and the lowest 194m above see level. The climate is temperate, with average temperatures varying from 4.0 in January to 21.8 in August, and the annual rainfall amounts to 1564mm (1997). Air quality has been measured in Ticino from 1990: the annual average pollutant concentrations observed are 13 μg/m3 for SO_2, 44 μg/m3 for NO_2 and 218 μg/m3 for O_3 (City of Lugano, 1996).

The population of the canton at 31 December 2000 was 309 357. The structure also reflects immigration in the age of economic activity: 73% of the population have Swiss nationality and 27% is foreign, mainly from Italy and the former Yugoslavia. The majority of the population is Christian, with 84% Roman Catholics. The official language is Italian. Employment distribution is: 1.7% in agriculture and forestry, 24.8% in industry and 71.8% in the service sector (census 2000).



Cancer care facilities

In 2000, there were five public regional hospitals and four zone hospitals, for a total of 1042 beds and 695 hospital and private practitioners in the canton. There are no population-based screening programmes in Canton Ticino. Spontaneous screening is well accepted in the population, for either breast or cervical cancer. There is one radiotherapy department for the entire region covered by the Cancer Registry. Opportunistic PSA testing is common in the population.

Registry structure and methods

The Cancer Registry of Canton Ticino was founded in 1995 by the local government. Collection of population-based data began in 1996. The Cantone Ticino provides most of the budget and additional funds are obtained from the Federal Ministry of Health, through the Swiss Association of Cancer Registries.

The Registry was founded on a cantonal law, based on a popular initiative. It is located at the Cantonal Institut of Pathology. One medical doctor and a data manager are responsible for active data collection and coding. A statistician is responsible for quality control and data elaboration. Reporting of cancer cases is done on a voluntary basis. A web page is updated regularly (www.ti.ch/cancer). About 80% of cases are notified by the Cantonal Institute of Pathology and Cytology. Additional cases come from main hospitals, radiotherapy and oncology centres, haematology laboratory, oncologists, general practitioners and from cancer registries of Geneva, Vaud, Basel, Zürich and St Gallen (mostly skin cancer). Autopsy is performed on 3% of all deaths. Finally, death certificates with cancer diagnosis are scrutinised and additional information is found by mailing a questionnaire to the physician or by examining case notes in hospitals. Online control of inhabitants of the canton is performed at the Cantonal Office of Population Registry.

The Registry collects all malignant invasive and *in situ* tumours. The registration of basal-cell carcinoma is incomplete for the years 1996–2003. The following data are coded: personal identification number, tumour occurring before the registry was started personal data, date of first symptoms, date of morphology confirmation, topography, morphology, stage, diameter in mm and axillary node for breast cancer, basis of diagnosis, method of diagnosis, first treatment and date of death.

All information are manually checked and coded (according to ICD-O-2) by the registry staff before entry in the computer. The computers themselves do preliminary plausibility tests at data entry, and a second check is performed by the staff daily. Several plausibility checks, like logical sequence of dates, validity of codes, morphology by topography, by sex and age (over 200 crosschecks) are performed monthly in addition to the IARC Check programme.

Active follow-up of all patients with tumours is performed yearly. We have published a study of completeness: http://www.ti.ch/DSS/DSP/IstCP/RCT/pdf_ppt/Relazioni_e_Poster/2005/GRELL05_completeness.pdf.

Use of the data

The Registry is currently involved in epidemiological research such as biomolecular epidemiology, survival analysis (EUROCARE), and others: http://www.ti.ch/DSS/DSP/IstCP/RCT/temi/studies.htm .

Policymakers use our Cancer Registry data for planning and evaluation of health services. Please see the website for further information: www.ti.ch/tumori.

Source of population

Average mid–year annual estimates, based on official numbers of births, deaths, immigrations and emigrations, on December 31st. Office cantonal de statistique.

Multiple primary rules used

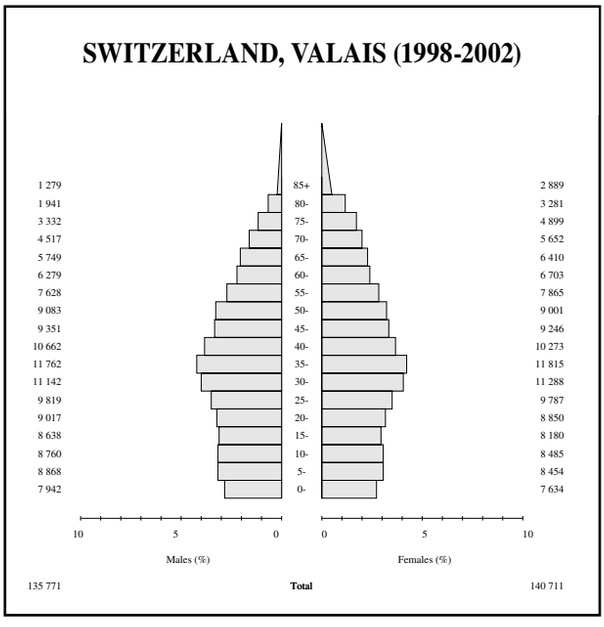
IACR rules (2004) on CI5 IX period.

Switzerland, Valais

Registration area

The canton of Valais covers an area of 5225 km^2, with a population of 281 500 at the end of 2002. The population is 35% urban, the majority living in a rural area or in the mountainous region of the Alpine range. The Valais Alps, a non-productive area, account for 54% of the land surface. The climate is relatively drier and sunnier than in the rest of northern Switzerland. The German-speaking 'High' Valais, 28% of the canton, is distinguished from French-speaking Central Valais and 'Low' Valais not only by language, but also by culture.

The population is largely of Caucasian origin; the majority are Roman Catholics (81%). The population is 17.6% of foreign origin, principally Italian Portuguese and people from the former Yugoslavia. The structure is that of an ageing population, with 15.6% of people older than 65 years. One of the features of this population is its great stability, the genetic structure being more homogeneous than is general in the country—a fact demonstrated by the studies on genetic predisposition to colorectal cancer.



The economically active population works 58.5% in the services and tourism sector, 22.5% in industry (construction, chemical, metallurgical, wood) and 3.5% in agriculture. Valais is an important producer of wine (40% of the national total), fruit and vegetables. From the viewpoint of potential occupational risk factors, there are three industrial centres, each with more than 1000 employees, producing plastics, colorants, agrochemical products, aluminium (exposure to fluorine and asbestos), solvents and products derived from cyanide.

Cancer care facilities

There are 19 physicians per 10 000 inhabitants. The health system centres around six public hospitals, a specialist respiratory centre and one private clinic, a total of 840 beds for acute care, excluding several geriatric, psychiatric and chronic care institutions. The Department of Oncology of Valais is a network of cancer care facilities which gather specialists consulting in the public hospitals and in private, or working in a centralised radiotherapy service in Sion. A few cases requiring additional facilities are treated in university centres such as Lausanne, Geneva, Berne, Zurich or Basel.

Registry structure and methods

Since 2002, the registry has been attached administratively to a newly created 'Health Observatory' of Valais, supervised by the Public Health Service of the canton and situated in the capital Sion. The registry is located there and shares the computer network of the Central Institute of Valais Hospitals (CIVH). The registry is largely financed by the Canton of Valais; the Swiss Confederation contributes 10–15% of the budget.

The staff consists of a physician responsible for registration (80% of one post), an assistant physician (40% of one post) and two secretaries (one post full-time, one half-time).

The principal source is the pathology department of the CIVH, whose histological or cytological reports concerning cancer are available to the registry via specific software. This source represents about 75% of the cases registered. Other sources comprise registries situated in the university centres of other cantons, the medical records of the hospitals (notifications are made on the basis of computerised lists of hospitalisation with diagnoses coded to the ICD), oncological specialists who send a copy of their consultation reports, and a computerised listing of deaths.

Notification is essentially passive, but a questionnaire is sent to the treating physician for the majority of registered cases, and demographic data are verified through the municipalities, again by questionnaire.

Access to death certificates is authorised for DCN cases through a contract with the Federal Office of Statistics, Neuchâtel, thus guaranteeing confidentiality.

Notification of cancer is voluntary. Physicians are authorised to transmit data if their patient has not specifically refused such communication, which had never happened by the end of 2002. In 1995 an expert commission on professional secrecy and medical research authorised regulations for medical confidentiality throughout the process of data collection, storage and processing of data.

The data are validated by different programs, including IARC Check. Quality control of data notified electronically is carried out by the suppliers.

Interpreting the results

Most demographic factors have remained stable. The increasing percentage of foreigners since 2000 is due partly to a renewal of immigration and a more constant birth rate in the native population.

Use of the data

The incidence data are used to inform the public health planners and the medical profession about cancer in the population. The results of the most recent reports have confirmed discrepancies between the incidence of some tumours in two different regions, i.e. 'High' Valais and 'Low' Valais. In particular, lung cancer is more frequent in the western ('lower') part than in the eastern, German-

speaking ('higher') part of canton Valais. The intensification of cancer screening (an official breast cancer screening programme for women aged 50–70 started in autumn 1999) has contributed to an increase in the incidence of breast cancer mainly and prostate cancer secondarily. The registry also participates in survival studies at the national (Association of Swiss Cancer Registries) and international levels (CONCORD study).

Source of population
Annual estimate of permanently resident population at mid–year, based on the 2000 census and taking into account births, deaths and migration.
Source: Federal Office of Statistics, Switzerland.

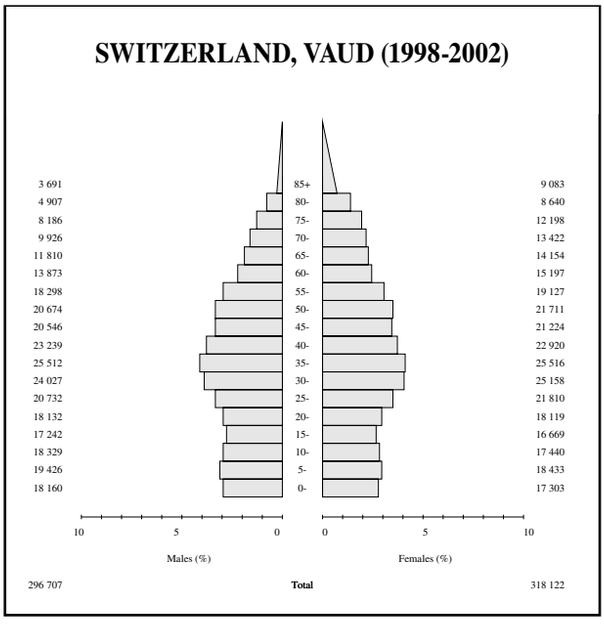
Multiple primary rules used
IACR rules (2004) on historical data.

Switzerland, Vaud

Registration area

The registry covers the French-speaking Canton of Vaud, the fourth-largest of the 26 cantons in the Swiss Confederation (surface area 3212 km^2) and third in number of inhabitants (about 640 000 in 2000).

The 385 communes that compose the canton are grouped into 19 administrative and political districts. The density of population (193/km^2) slightly exceeds the mean for the whole country. In 2000, foreigners, predominantly of Mediterranean origin, accounted for about 25% of residents. Since the early 1970s the number of resident workers has remained stable. In 2000, the main occupations were industry (19%), agriculture and fishing (5%) and services (76%). In December 2000, only 23% of the Vaud population were 0–19 years old, while 15% were aged 65 years and older. Although Lausanne, the capital and its suburbs represent only 4% (115 km^2) of the canton's area, about 45% of the total population reside there.



Cancer care facilities

In 2000, about 3000 public and private hospital beds (about five hospital beds per 1000 population) were available for diagnosis and treatment. In the same year there were about 2800 hospital medical doctors and private practitioners (one per 230 population). The health care system is insurance-based, but practically the whole of the population enjoys access to medical care. A major public university multi-disciplinary oncology and radiotherapy (1142 treatments in 2003) centre is available to the whole population, as well as a few peripheral—mostly hospital-based—medical and surgical oncological facilities. Two additional radiotherapy private units are in operation (overall, 948 treatments in 2003).

Registry structure and methods

The Registre Vaudois des Tumeurs (RVT) began in January 1972, and population-based data have been available since 1974. The registry is a constituent part of the Cancer Epidemiology Unit at the Social and Preventive Medicine Institute (IUMSP), University of Lausanne. The majority of the financial support comes from the Public Health Department of the Canton of Vaud. Additional *ad hoc* funds are supplied by the Swiss Federal Government and the Swiss League against Cancer, which support several studies in the fields of descriptive and analytical epidemiology.

In addition to the director, the staff comprises one part-time medical associate, one part-time computer programmer, and 3.5 clerks. The director is also in charge of the administrative and scientific supervision of the cantonal Registry of Neuchatel.

Notification is based on a voluntary agreement between the recording medical institutions of the canton and the registry. The main sources are the cantonal University Pathology Department of Lausanne and three other major private pathology laboratories, which perform the majority of the histological examinations for the population. Most cases are registered repeatedly and from different institutions. Cancer cases are listed alphabetically and according to a chronological registration numerical index.

All relevant information is checked manually by the registry staff and subsequently coded before being entered into the computer of the University Hospital of Lausanne (CHUV). A first series of automatic checks on data is run whenever new information or modifications are added. Data are transferred to the computer of the University of Lausanne (UNIL), where more specialised checks and analyses are performed. Passive and active follow-up information is recorded. Identification data on all deaths in the Canton of Vaud as well as on cancer deaths are available.

Interpreting the results

A mammography screening programme for breast cancer was activated in 1999 targeting all resident (about 70 000) women aged 50–69 (participation rate around 50% in 2003). Spontaneous screening for cervical cancer is common (over two thirds of women aged 20 or older report at least one examination). According to the most recent National Health Survey, on average 15% of men aged 40–69 and residing in the French-speaking cantons (Suisse Romande) reported a biological test or clinical examination of the prostate within the year preceding the survey.

Use of the data

Annual incidence data by sex, age, site and morphology are routinely provided. The registry is also engaged in both descriptive and analytical research in the field of epidemiology. Features of the registry include good registration of non-melanoma skin, since traditionally the large majority of cutaneous lesions are surgically resected and examined by a pathologist, linkage of selected pre-neoplastic conditions to the cancer registry datafile in order to study subsequent cancer risk, risk of second neoplasms for patients registered with a defined primary, and systematic analyses of trends in survival. The registry cooperates with clinicians, and is used for population-based case–control studies on ENT, colorectal, breast, endometrial and thyroid cancers. It also serves to evaluate the three breast cancer screening programmes run in the Cantons of Vaud, Wallis and Jura.

Source of population

Average mid–year annual 1998–2002. Estimate: Cantonal Office of Statistics (SCRIS) for each calendar year and five–year age group, based on official numbers of births, deaths, immigrations and emigrations, on December 31st.

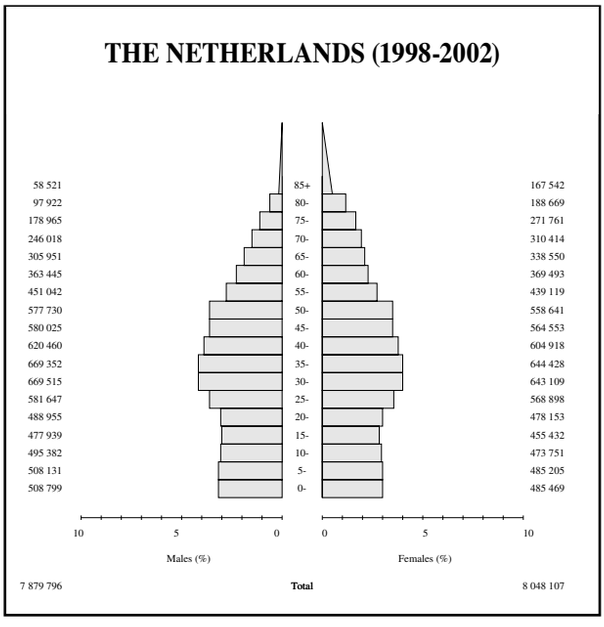
Multiple primary rules used

IACR rules (2004) on CI5 IX period.

The Netherlands

Registration area
The Netherlands Cancer Registry (NCR) comprises nine regional cancer registries and covers the whole population of the Netherlands. The population in 2007 was 16.3 million.

Comprehensive Cancer Centres
General health care in the Netherlands is provided by general practitioners and specialists in academic (7), oncological (2) and general hospitals (5–20 hospitals per region). At least one radiotherapy institution is situated in every region. The nine Comprehensive Cancer Centres (CCC), which are partnerships between healthcare professionals and cancer and palliative care institutions, together form the Association of Comprehensive Cancer Centres). The purpose is to provide access to comprehensive and high-quality care as close to home as possible. The CCCs support networks of specialists and tumour-specific working groups with the development, implementation and evaluation of national and regional guidelines. Consultants are supported for several specialties. Patients in need of specialist care can be referred out of their CCC region. More than 300 employees work in these CCCs, and about 400 consultants are actively involved. CCC,s are independent, private institutions and all hospitals, radiological centres and pathology labs are affiliated with one of the nine centres.



The CCCs receive a fixed annual sum for staffing, materials and location costs, and a variable amount to cover the costs of consultants funded according to the policy regulations of the National Health Tariffs Authority on the basis of the National Health Tariffs Act. In addition, grants are obtained from various bodies including the Dutch Cancer Society (used for activities such as the support of clinical trials), the Ministry of Health, Welfare and Sport (for developing guidelines) and from other organisations (for projects).

Registry structure and methods
The nine regional Cancer Registries, located within the CCCs, pool their data once a year in the NCR. Cancer registration is funded according to the policy regulations of the National Health Tariffs Authority on the basis of the National Health Tariffs Act.

The main source of data is the pathological automated archive (PALGA). Notification also comes from radiotherapy centres and haematology labs, and once a year the cancer registry is linked with the Hospital Discharge Register, which accounts for about 8% of the registered cases. Death certificates are not available because of privacy regulations. Specially trained registration clerks register direct from the medical records in the hospitals.

Interpreting the results
The Netherlands Cancer Registry has been population-based since 1989 and is more than 95% complete. Patients with "cancer" only on their death certificate will be missed, as will cases that have no pathology, cytology or hospital intake.

Use of the data
The registry prepares an annual report of cancer incidence, highlighting trends and changes on both national and regional level. Data are linked with the breast cancer screening programme for evaluation purposes. Several projects (e.g. guideline evaluation and evaluation of the National Cancer Control Plan) with hospitals and universities are supported by cancer registry data. More than 25 data requests are answered every year, both at the national and regional levels.

Source of population
Statistics Netherlands.

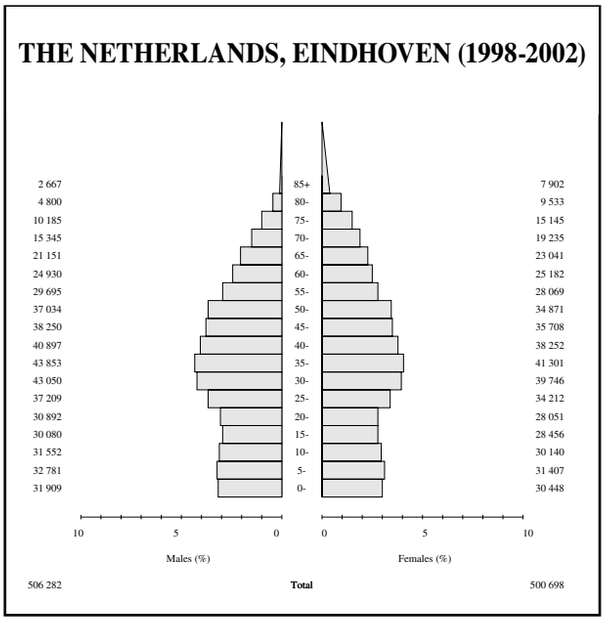
Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Notes on the data
C67 does not include non–invasive tumours.

The Netherlands, Eindhoven

Registration Area

Since 1972 the registry has served an area of about 2500 km^2, lying 20–50m above sea level and including almost one million inhabitants (6% of the 1990 Dutch population). Since 1988 another million have been added bringing the total 2000 population to 2.3m and being part of the national registry. This dataset only includes incidence and mortality data from the original population that grew from almost 300 000 since 1958. The population density was about 400 per km^2, roughly the national average; 47% of the population-at-risk live in urban, 43% in suburban and 10% in rural municipalities. The traditionally Catholic population has secularised rapidly since the mid-1960s, with concurrent large-scale introduction of oral contraceptives leading to a lower fertility rate (from 3 to 1.5) and higher age at first birth (from 22 to 29 years). The proportion of immigrants has been rapidly rising since the 1970s, to >10% at younger and middle age.



With regard to the environment, an intensive pig and poultry breeding industry has developed since the 1970s, contributing considerably to acid rain and rising nitrate levels in groundwater, decreasing again since the 90s. The main industries produce electronic goods, trucks, photocopiers, textiles and milk products, but increasingly replaced by employment in services and transport. The declining tobacco-processing and cigar industry, important in the south-of-Eindhoven area until the 1980s, had a marked effect on the incidence of lung cancer among males, whose prevalence of smoking was 95% in the 1950s. By contrast, smoking prevalence and incidence of smoking-related cancers among females have only risen rapidly since the mid-60s. Among those born after 1965 incidence appears to have begun decreasing again.

Cancer care facilities

In 2004 we began a national obligatory insurance system. Some 98% of the inhabitants are covered by Sickness Benefit Funds, a compulsory social insurance policy for people with low income; less than 1% of the population may be uninsured.

The growing interest in oncology during the 1970s led in 1979 to a regional organisation, the Cooperating Association of Hospitals in Oncology (SOOZ). In 1982 the Comprehensive Cancer Centre South (IKZ) was founded as a collaborative effort of the radiotherapy institutes in Eindhoven and Tilburg and 18 community hospitals, one of its main tasks being cancer registration.

Access to clinical specialists was good but deteriorated a bit until 2000, generally through general practitioners, one for every 2200 persons. Despite a markedly ageing population the number of hospital beds decreased from 5 to 2.0 per 1000 persons in the past 25 years, while the number of nursing home beds has increased, as has, more recently, home care provision. In the late 1990s, hospitals halved in number by mergers to only middle- and large-sized hospitals from 400 to 800 beds.

Registry structure and methods

This regional registry began operation in 1955 as part of a programme for nationwide cancer registration. The 13 participating hospitals of the 1970s have now been merged into 6. The registry has always cooperated systematically with up to three regional pathology laboratories, which have paraffin-embedded blocks of biopsy specimens from all patients since the 1970s. These laboratories also serve GPs. Moreover, through the various medical records departments the registry has access to the medical records of most hospitals, in particular in the department of Radiotherapy in Eindhoven, which has gradually extended service to all of these hospitals. Since 1988 the registry has functioned within the scope of a national scheme for cancer registration, developed since 1984. Assessment of completeness and accuracy was carried out in the period 1980–83 with continuing support from the Department of Epidemiology, now Public Health, of Erasmus University, Rotterdam. Extensive analyses of incidence since 1958 thus became possible, e.g. for lung and breast cancer, both of which exhibited major changes. Such data have now been submitted to Cancer Incidence in Five Continents since 1958 and EUROCIM since the early 80s. They include—in a large part of the area—non-melanoma skin cancer, based on early involvement of also dermatologists.

Using the municipal population registers, active follow-up with respect to vital status was performed in 1987, 1991, 1994, 1999, 2002 and 2006. Patients lost to follow-up declined from 5% to less than 1%, with regular aid from the Central Bureau of Genealogy.

Interpreting the results

Screening for cervical cancer, started during the 1970s but declining in the 1980s, started again in 1988, being adapted in 1996 among women 30–60 years of age at 5-year intervals. Biannual mass mammography screening for breast cancer gradually started among women between 50 and 70 years during 1992–96, rising to age 75 in 1998.

Use of the data

Regular overviews of trends in incidence, stage and survival of patients registered since 1958 are published every five years, including detailed information on uncommon tumours and prevalence since 1970 and co-morbidity at diagnosis

since 1993. Cancer survival has also been studied since 1978 within the framework of the EUROCARE study.

In recent years the data have been used increasingly for quality-of-care purposes and studies of cancer in the elderly; for that purpose, serious co-morbidity at diagnosis was also registered and a research department developed with a strong regional, national and European orientation.

Source of population
Population data are calculated annually for 1 January; they are derived by Statistics Netherlands from the municipal population registries.

Multiple primary rules used
IACR rules (2004) on historical data.

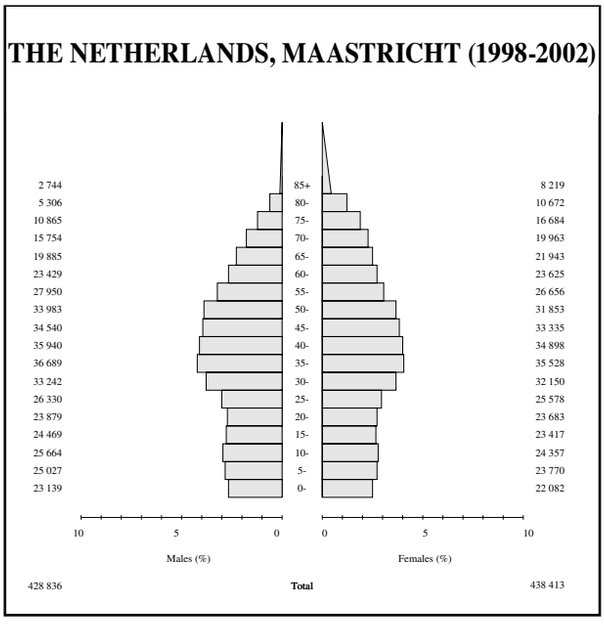
The Netherlands, Maastricht

Registration area
The Maastricht Cancer Registry is situated in the southeastern part of The Netherlands, and comprises the southern and middle parts of the province of Limburg, an area of some 1355 km^2. A large area to the west, south and east is bordered by Belgium and Germany. The Eindhoven Cancer Registry is on the northern boundary.

In the southern part of Limburg, the population density is very high, with about 30% of the population living in rural municipalities, 57% in sparsely and moderately urbanised municipalities and 14% in densely urbanised municipalities.

Current industrial activities in the region include chemical, automobile, ceramic and cement industries. Until 1975, coal mining was a very important source of employment.

The vast majority of the Limburg population is Catholic.



Cancer care facilities
There is easy access to medical care in the Netherlands. In the province of Limburg there is about one general practitioner (GP) per 2300 inhabitants. Medical specialists usually work at the hospitals: they can be consulted after referral by the GP. Due to the ageing population, cancer care facilities will be consulted more frequently in the future. Almost all cancer patients are diagnosed and treated by medical specialists. In the area of the Maastricht Cancer Registry, there are four general hospitals and one university hospital. The area also has one radiotherapy institute.

Registry structure and methods
The Maastricht Cancer Registry was established in 1984 as part of the Comprehensive Cancer Centre (CCC) Limburg. Within CCC, there is collaboration between the hospitals, Maastricht University and the Maastro Clinic (radiotherapy institute). The aim of the CCC is to improve care for cancer patients through research, treatment, guidelines and coordination of regional activities (e.g. cancer screening).

The Maastricht Cancer Registry (MCR) is part of the nine regional cancer registries in the Netherlands. Together these registries make up the Netherlands Cancer Registry.
The staff of the registry includes one epidemiologist as head of the registry, two epidemiological researchers, one computer programmer and six tumour registrars. In addition, one consultant on cancer registration is available.

Notification is voluntary. The cancer registry receives lists of newly diagnosed cases on a regular basis from the four pathology departments in the region. In addition, the medical records departments of the five hospitals provide lists of hospitalised cancer patients. Following notification, the medical records of newly diagnosed patients are collected and trained tumour registrars for the cancer registry abstract the necessary information from them.

Death certificates cannot be used because of the privacy regulations of the Dutch Central Bureau of Statistics. Tumour data are copied onto registration forms at the hospitals and entered into the computer at the registration office. Completeness of records, data consistency and the possibility of duplicate records are continuously and extensively checked by the computer program.

Interpreting the results
Research into the completeness of ascertainment and into the validity and accuracy of data show that the quality of the data is high (Int J Epid 1993;22:369-76, Br J Cancer 1993; 68:947-77, Int J Epid 1994 23;1111-6).

In 1990 a breast cancer screening programme started, resulting in a large increase in the incidence of breast cancer. A cervical cancer screening program started in 1992 and expanded to the whole region in 1996 for women aged 30–60. Trends in prostate cancer incidence also show a large increase, associated with opportunistic PSA screening.

Use of the data
The registry regularly publishes a report on cancer incidence. Data for the Maastricht Cancer Registry have been used for etiological research, evaluation of guidelines, evaluation of screening programmes and the treatment of cancer in the elderly. The data are also used to plan healthcare facilities.

Source of population
Statistics Netherlands.

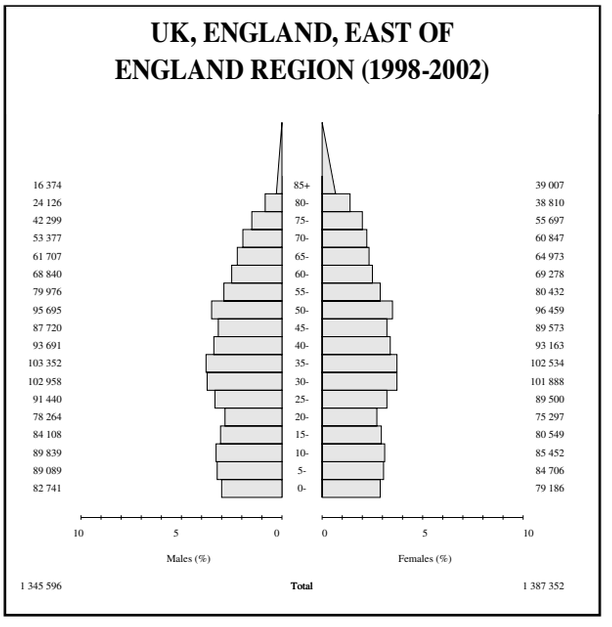
Multiple primary rules used
IACR rules (2004) on historical data.

UK, England, East of England Region

Registration area
ECRIC registers cancers occurring in the resident population of Norfolk, Suffolk, Cambridgeshire and, since 1996, Bedfordshire. It is situated in eastern England UK with a population (at the most recent census) of 2.75 million; 90% of the population describe themselves as white British.

In 1995 the registry assumed responsibility for the resident population of Bedfordshire, and in 2006 responsibility for Hertfordshire and Essex was added. As a result of this, the population covered increased from approximately 2.2 million to 2.6 million in 1995, and from 2.8 million to 5.3 million in 2006.

Cancer care facilities
The registry is situated in Addenbrooke's NHS Trust Hospital in Cambridge, with 2 satellite offices in The Norfolk and Norwich University Hospital in Norwich and the Ipswich Hospital. Each of them has radiotherapy, oncology and surgical facilities. There are 6 other hospitals in the region providing oncology services. Some patients are sent out of the area to receive radiotherapy treatment at Mount Vernon Hospital, Northwood, Middlesex.



Registry structure and methods
The registry is funded by the government Department of Health under the Public Health budget. There are 24 staff as follows: Director, operations manager, consultant oncologist, two senior registration officers, 11 registration officers, two clerical officers and three workers each in analysis/quality assurance and IT.

Registry staff extract data from patient's notes and hospital PAS systems at all the hospitals in the region. Data are recorded on paper forms and later transferred to a computer database when complete.

A monthly updated "snapshot" of the database is produced using Microsoft Access for the analysis team to interrogate to produce reports and answer specific queries from external sources.

A detailed formal evaluation of Annual Performance Indicators is already carried out according to the guidelines established by the UKACR.

Interpreting the results
PSA testing is quite common, and parts of the registry population are included in a large-scale study evaluating screening for prostate cancer.

Multiple primary rules used
IACR rules (2004) on historical data.

UK, England, Merseyside and Cheshire

Registration area
Since 1974, the registry has collected data on all cancers occurring in residents of Merseyside and Cheshire, wherever treated, and on residents of other areas treated in Merseyside and Cheshire hospitals. The registry also collects data on Isle of Man residents.

Population centres in the area include the city of Liverpool; industrial towns such as Birkenhead (previously shipbuilding), Runcorn (chemicals), St Helens (glass); the retirement coastal town of Southport; and the rural towns of Cheshire.

Cancer care facilities
Local Cancer Services have been reorganised into networks with a specialist cancer centre (containing full radiotherapy and oncology facilities) and cancer units in a "hub and spoke" arrangement to achieve the most effective concentration of expertise and also obtain the closer involvement of primary care.

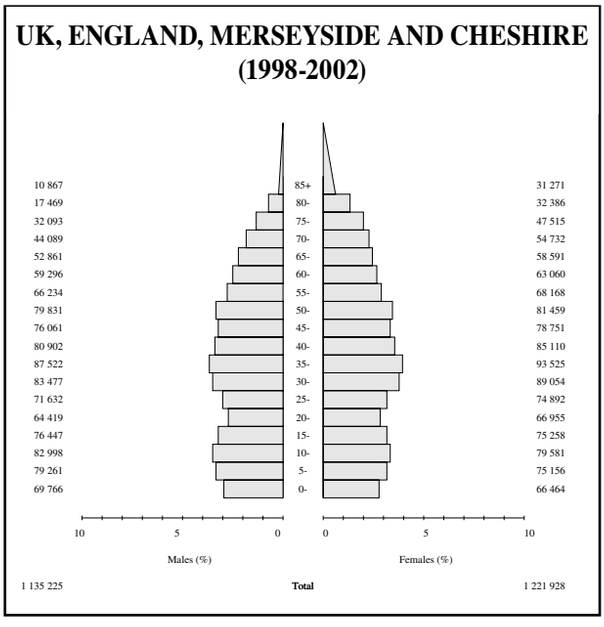
Registry structure and methods
The registry was founded in 1944 as the Liverpool Clinical Cancer Registry, with the primary objective of registering all cases of malignancy occurring in the area served by the Liverpool Radium Institute. It extended its coverage to the surrounding area in 1974. The registry is part of the National Health Service.

Registry staff comprise: a medical director, a general manager, two deputy managers, an epidemiologist, a secretary, a quality assurance officer, an IM&T officer, an intelligence officer, 6 registration officers and a database specialist. In addition, project work is undertaken by students studying for higher degrees and professional examinations.

The most important source of notification is pathology reports, copies of which are routinely sent to the registry. All cases are followed up by trained registration officers, who abstract relevant clinical information from hospital records. Notifications are also received from the Office for National Statistics about death certificates for people who have died of cancer. Full registration for these cases is then sought by Merseyside and Cheshire Cancer Registry from the hospital or certifying doctor. The local specialist centres for oncology also supply notifications. Details of Merseyside and Cheshire residents whose cancers are diagnosed elsewhere are supplied by the local registry. Cases registered during life are flagged at the National Health Service Central Register so that the cancer registry is informed when these cases die.

Registry data are held on a dedicated relational person-based system. Each tumour is allocated a unique tumour number in addition to the patient's unique identifier. Validation checks within the system were extended in 1994 to improve the quality of data inputting. The registry has a rolling programme of quality assurance focussing on the ascertainment, completeness, timeliness and "housekeeping", and several projects have explored different aspects of data quality. Data are coded in ICD-0-2, kept securely and released in a controlled manner, in accordance with ethical and data protection conventions. Regular backups are taken of the data and kept both locally and off-site.

Interpreting the results
There have been no coding or registration practice changes that affect the interpretation of the data in this report compared with earlier volumes.



Organised screening programmes are in place for breast and cervical tumours. In 1988 a national breast screening programme was introduced, through women aged 50–64 years are routinely invited to be screened for breast cancer every three years; women above 64 years are screened if they, or their general practitioners, request a test. A similar screening programme for cervical cancer was introduced in 1964, whereby all women aged 20-64 are screened, currently every three to five years, depending on their primary care trust and their age.

The increasing use of opportunistic PSA testing within Merseyside and Cheshire coincides with an increase in the number of prostate cancer cases registered locally.

Use of the data
Publications include specialist reports on breast cancer (2003), colon cancer (2003) and oesophageal cancer (2003).

Other output includes responding to over 80 ad hoc queries annually; presentations concerned with place of death and also cervical screening age; audits with specialist researchers; responding to genetic counselling service enquiries; contributions to the regional public health report; analyses to support the planning of local cancer services; and regular presentations to specialist groups.

Source of population
Estimation of population at risk based on 2001 census, allowing for births and deaths and migration into and out of the area.

Multiple primary rules used
IACR rules (2004) on historical data.

Notes on the data
C44 not available.

UK, England, North Western

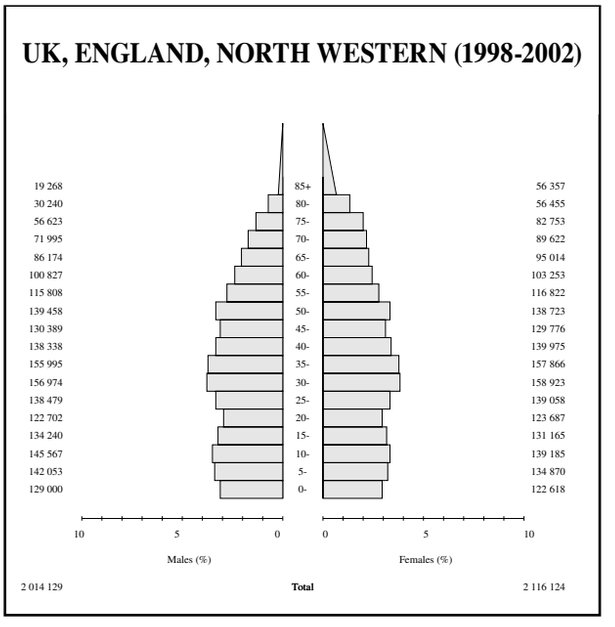
Registration area
The North Western Cancer Registry (NWCR) collects data on all residents of Greater Manchester, Lancashire, South Cumbria and a small part of Derbyshire who develop cancer. The Registry covers an area of 4500km^2 and has a population of four million. Sixty-five percent of the population resides in the conurbation of Greater Manchester, which is almost entirely urban. The remainder of the region is of mixed urban-industrial and rural character. Eleven percent of the population lives in areas adjoining the coast, which are characterised by a high proportion of elderly retired residents. Ethnic minority groups comprise almost 8% of the North West population, concentrated mainly in large cities.

Cancer care facilities
Local cancer care services are being reorganised into networks with a specialist cancer centre (containing full radiotherapy and oncology facilities) and cancer units in a 'hub and spoke' arrangement to achieve the most effective concentration of expertise and obtain closer involvement of primary care.

Registry structure and methods
The NWCR was founded in 1962. It is situated at the Christie Hospital, the principal cancer centre serving the Region.

Registry staff comprise a medical director, office manager, systems manager, epidemiologist, information manager, systems analyst, deputy manager, quality assurance officer, one secretary, and eight cancer registration officers.

The vast majority of patients receive their hospital care in the National Health Service hospitals. All NHS and private hospitals use special form to notify the Registry of all cases of cancer diagnosed in patients admitted to their hospital. The registries of other regions notify the Registry of residents of the region who are treated in hospitals outside the region. The Registry also receives data from hospital information systems. The Registry has links with all pathology laboratories in the region so that copies of pathology reports can be sent directly to the Registry. The Registry receives copies of death certificates of all regional residents whose certificate mentions cancer. The Registry collects further information on patients identified only by a death certificate.



Cases are followed up through the statutory registration of deaths. All patients are flagged at the National Health Service Central Register and the Office for National Statistics informs the Registry of patients who have been previously flagged as having developed cancer.

All addresses are assigned post-codes, and all information is computerised and submitted to validation and consistency checks. Diagnostic details are entered on the computer, which then automatically codes them to ICD-O. Validation checks within the system were extended in 1994 to improve the quality of data input.

Interpreting the results
There have been no coding or registration practice changes that affect the interpretation of the data in this report compared with earlier volumes.

Use of the data
A number of reports have been published examining variations in cancer incidence and survival in the population covered by the Registry. A joint report with the Merseyside and Cheshire Cancer Registry (MCCR) covering the whole of the North West Region has been published. Registry data are used to plan and evaluate cancer services, including the breast and cervical screening programmes. A number of audits using Registry data have been undertaken. Several research studies, both national and international have used Registry data. In addition, Registry staff have collaborated on several studies on a range of topics, including the genetics of breast cancer and the reasons why women with bladder cancer have a worse prognosis than men.

Source of population
Source: 2001 Census, Office for National Statistics.

Multiple primary rules used
IACR rules (2004) on historical data.

Notes on the data
C44 not available.

UK, England, Northern & Yorkshire

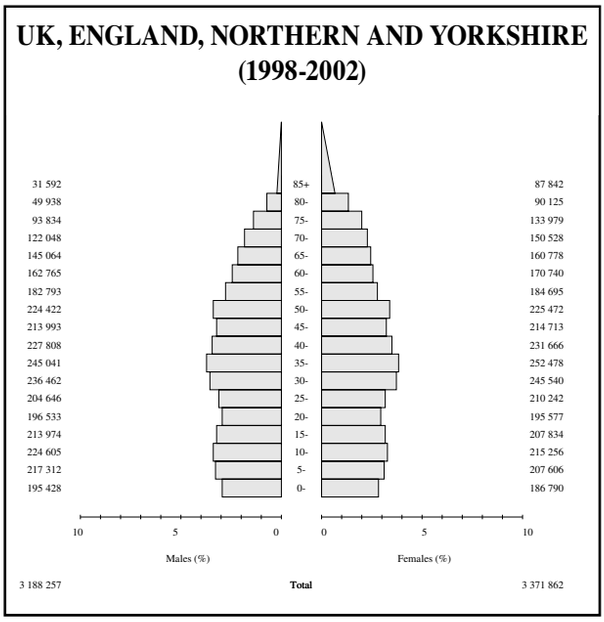
Registration area

The area covered by NYCRIS (Northern and Yorkshire Cancer Registry and Information Service) is a little under 30 000 km^2, and includes much of the North of England: from North Cumbria to Northumberland (Scottish border), down to West Yorkshire (east of the Pennines) and across to Humberside and the North Lincolnshire Coast.

The region comprises the large rural expanses of the Northern Lake District, Northumberland, County Durham, West, East and North Yorkshire. Within these are several densely populated urban clusters, including Tyne & Wear/ Teesside, Leeds/Bradford, Huddersfield/Calderdale and Humberside, along with some smaller (formerly fortified) cities, such as York, Durham and Carlisle. Health geography, for 1998–2002, maps the area directly to four Cancer Networks or 44 Primary Care Trusts (PCTs).

Total population is around 6.7 million (at 2001 census), which constitutes 12.4% of the population of England & Wales. There is marked variation in population density across the region, varying from 0 to over 2500 people/km^2 in Hull & Stockton-on-Tees (www.statistics.gov.uk/regionalsnapshot/). Ethnic groups include Black 0.4%, Asian 3.4%, and Other 0.4% (% of total population, 2001 census).

The age structure is not significantly different from that of England and Wales as a whole, although the percentage aged 25–35 years is slightly higher.



Traditional industries include shipping, fishing, textile & clothing manufacture, steel production, shipbuilding and coal mining.

Cancer care facilities

The vast majority of patients receive their hospital care in National Health Service (NHS) hospitals. A major national reorganisation of cancer services has taken place since 1995, following the report of an Expert Advisory Group on Cancer to the Chief Medical Officers of England and Wales. The subsequent National Cancer Plan (2000) established a system of Cancer Networks each serving populations of 1–3 million and organising specialist cancer care through multidisciplinary teams. There are four such networks in the NYCRIS region, based around hospitals in Newcastle, Middlesbrough, Leeds and Hull, which, together with their associated local units in smaller district hospitals, provide integrated cancer services for their populations. The hospitals within these 4 cities are the cancer treatment centres; there are radiotherapy departments located proximate to the treatment centres.

Registry structure and methods

NYCRIS was set up in 1997 to integrate the two separate regional cancer registries of Northern and Yorkshire. Due to the quality of pre-1998 Northern data, only Yorkshire cases have been included in earlier volumes of CI-5.

NYCRIS is based in Leeds, adjacent to Cookridge Hospital, which is part of Leeds Cancer Centre. It currently employs around 50 staff, of whom approximately 60% are involved in data collection and validation (for the whole of the Northern and Yorkshire area), 15% in data management/ quality assurance and 15% in information and research.

Cancer registration in the UK is mandatory, and cases diagnosed in hospitals (inpatient and outpatient) are notified directly to NYCRIS. All pathology laboratories throughout the region routinely send copies of pathology reports, and these act as a cross-reference to information received directly. Northern & Yorkshire residents treated outside the region are notified by other cancer registries. Notification also comes from Breast Screening Units and hospices. Cases are registered by registry staff who visit the hospitals and abstract treatment details from hospital case notes following primary notification. Copies of death certificates are routinely received from National Statistics for all cases where cancer is a cause of death. When this information is the first notification of cancer, the registry traces the death to search for further information. When the cause of death is non-malignant, the registry is notified by the National Health Service Central Register, where all registered cancer patients are flagged.

A new registration system (PRAXIS) was implemented in 2006 to enable NYCRIS to move from the current, largely manual, cancer registration process to one making greater use of electronic data feeds. The cancer registry database is patient-based. Records of existing registrations are updated with new information, new cases being assigned an accession number by the computer. All data items are encoded by the computer. The system also automatically generates a general practitioner's enquiry letter, a cancer registration document and a follow-up enquiry letter where necessary. At the point of entry, data are validated using the National Statistics edit procedures. Data are regularly exchanged with local specialist tumour registers to ensure complete ascertainment.

Use of the data

In addition to providing a responsive information service, NYCRIS regularly produces data and reports in a variety of media and actively promotes the use of its data. Summary statistical information (incidence, mortality and survival) is contained in CIS (Cancer Information Service), a web-based analytical tool available over NHSnet (protected health service WAN).

Details of CIS and all of its published reports are available on its web site (www.nycris.org.uk). In addition NYCRIS has conducted a series of regional audit reports,

on important issues related to cancer service delivery; for example, analysis of variation in the patterns of cancer care and the effect of such variation on survival, an examination of methods to improve the registration of skin cancer and analyses of patient waiting times before receiving treatment.

Source of population
UKACR Populations Dataset Version 3.

Multiple primary rules used
IACR rules (2004) on CI5 IX periods.

UK, England, Oxford Region

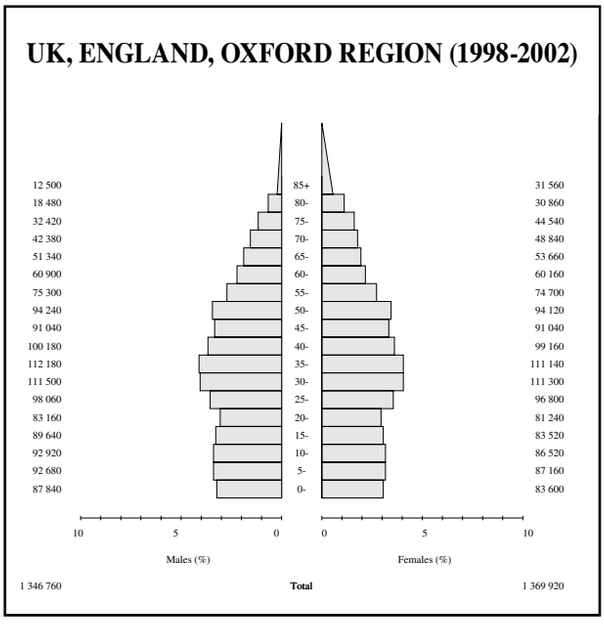
Registration area

The Oxford region consists of the counties of Berkshire, Buckinghamshire, Northamptonshire and Oxfordshire, and covers a population of about 2.7 million people. There are slightly more females than males (51%/49%). During the last 20 years higher population growth has been experienced within major urban areas.

Berkshire has the highest population with 800 100 residents, Buckinghamshire has 686 100, Oxfordshire has 605 500 and Northamptonshire 629 700. Oxfordshire has the highest proportion of elderly residents, with 14.5% being 65 or over. Northamptonshire has 14.2% of over-65s, Buckinghamshire has 13.3% and Berkshire 12.7%. Around 13% of the population are aged under 10, about 13% are aged between 20 and 30 and 6% are aged 75 or over.

Berkshire has more residents from Black (African, Caribbean or other), Indian, Pakistani, Bangladeshi, Chinese, or other minority ethnic groups (including other White ethnic groups) than the other counties, accounting for 15% of its population. Buckinghamshire has 11.4% Black and minority ethnic citizens, Oxfordshire 8.8% and Northamptonshire 6.7%.

In general, the regional population is healthier and less deprived than those living in many other parts of England. There are, however, pockets of deprivation in some parts of the Region and there are higher rates of diseases (e.g. breast cancer) associated with a higher social class distribution.



Cancer care facilities

Cancer services are organised by the Thames Valley Cancer Network for Berkshire, Buckinghamshire and Oxfordshire, and by the Leicestershire, Northamptonshire and Rutland Cancer Network for Northamptonshire. Within the area there are eight hospitals providing cancer care; three of these have radiotherapy facilities.

PSA (prostate specific antigen) testing has been common within the area since the early 1990s, but there are currently no routine data on levels of testing.

Registry structure and methods

The registry is centrally funded by the Department of Health. There are 15 full-time-equivalent staff members, with 5.5 in the registration section, 4.5 information analysts, 4.0 IT and business support, and a part-time Medical Director.

Cancer registration data have been collected on a regional basis since 1952. The registry is notified of cases by histopathology and cytopathology laboratories and medical records departments. Death certificates where cancer is mentioned are also passed to the registry from the Office for National Statistics (ONS). In addition, all registered cancer patients are flagged on the NHS Cancer Register to ensure that the local registry is informed of deaths among the registered population, including those from causes other than cancer and those occurring outside the region. There is collaboration with specialist registers (e.g. Childhood Cancer Research Group, Oxford Regional Leukaemia Register) and directly with clinicians to collect certain types of data.

The registry collects data on all malignant tumours, *in situ* neoplasms and certain benign tumours. An abstract of each tumour record is passed to ONS for inclusion in the National Cancer Registration Scheme. Information on non-residents treated within the Oxford Region is passed to the appropriate regional registry and is part of a reciprocal arrangement.

Until 1992, the process of registration was entirely manual. In September 1992, a Hewlett Packard 9000 RISC minicomputer system was installed running Unix, Informix, SQL and the C-Cris 1 Cancer Registration System. Currently electronic versions of pathology reports (abstracted by identifying all cancer SNOMED codes) with demographic details separately identified are received from all laboratories. Electronic downloads from Casemix/Patient Administration Systems and from Oncology systems are received from all provider sites. Ox-link record matching software is used to distinguish new registrations from amendments or non-registrable cases. Demographic details of new registrations are added automatically to the file. Clerks then add the diagnosis and treatment details.

Interpreting the results

All borderline malignant tumours were included in downloads from anniversary year 1993. Prior to this, apart from one or two tumour types (i.e. polycythaemia vera) with a fifth digit of 1 (borderline malignant), they were not collected.

There were significant changes to the UK practice of bladder coding from anniversary year 2000. This meant that bladder cases diagnosed as papillary non-invasive transitional cell carcinoma—grades I and II—which had previously been coded as malignant (pathology reports also reported them as 81303 - malignant) were now to be coded to a borderline code. This had quite an impact in the number of malignant cases reported; the malignant cases reduced in number and the borderline cases rose significantly. It was also agreed at the same time that papillary non-invasive transitional cell carcinoma grade III was to be coded to 'in situ'.

Use of the data

The Oxford Cancer Registry is now part of the Oxford Cancer Intelligence Unit (OCIU). OCIU is responsible for cancer registration, for providing a cancer information

service, managing quality assurance and evaluation of the breast and cervical screening programmes in the Region and undertaking and contributing to programmes of clinical audit and research. The registry contributes to the annual UK Association of Cancer Registries review of the completeness and accuracy of registry data.

Source of population
Mid-year estimates based on censuses in 1991 and 2001 (Office for National Statistics).

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

UK, England, South and Western Regions

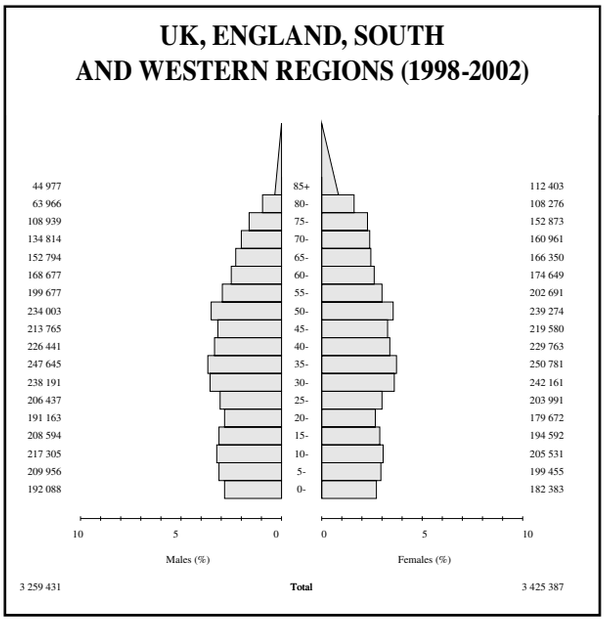
Registration area
The South West Cancer Intelligence Service (SWCIS) collects data on all cancers and suspected cancers for the South West region of England, including Hampshire and the Isle of Wight. In all, it covers an area some 300km by 100km, with a coastline of over 1400km. The population of 6.8 million is nearly all white Caucasian and predominantly Christian, with an approximate 60/40% split between urban/suburban and rural. A large proportion of the population (approximately 20%) are retired.

Cancer care facilities
The SWCIS area is served by 12 main hospitals, within which there are seven designated cancer centres. There are a further eight regional hospitals with Accident and Emergency (A&E) departments and significant treatment facilities, as well as numerous small hospitals for minor injuries and recuperation.

Registry structure and methods
The SWCIS is one of nine regional registries in England. It is split between two sites, one in Bristol (mainly data users) and one in Winchester (mainly registration and IT). The SWCIS is funded by government, through the Department of Health.

In 2005 the SWCIS merged with the South West Public Health Observatory (SWPHO). The aim of the SWPHO is to provide a seamless public health intelligence service for the region. The SWCIS employs 17 registry staff, 4 information analysts, 5 clinical audit team members, and 5 Network Liaison Officers who provide an important link between the registry and cancer networks. Their work is supported by Business Management, IT and Publications and Communications teams who work across the whole organisation.

The SWCIS collects its data from three principal sources: Hospital Patient Administration Systems (Clearnet); pathology laboratory reporting systems, and the national deaths database. These are accessed via electronic capture and processing with manual intervention to resolve complexity or data conflict. Over 75% of records are initially electronically captured with more than two independent sources usually involved. Eight subsidiary data sources include: private hospitals, military hospitals, cancer screening centres, follow-up with consultants, audit databases, other cancer registries, cancer/treatment centre databases and national research centres.



Interpreting the results
The coverage provided by the above range of sources, and verified by checks made through audit, is over 99%. Death Certificate Only registrations are less than 3%.

The UK runs screening services of more than ten years standing for cervical and breast cancer.

The registry has only recently started registering skin cancers of basal cell carcinoma (BCC, C44) due to the large numbers and limited interest in this type of cancer in the past. C44 were not collected systematically until 1998. For BCC and Squamous Cell Carcinoma (SCC) only the first primary diagnosis is registered. Cervix *in situ* D06 is incomplete for all areas. Registration of D45 is incomplete until 2001/2002. Bladder C67/D41 coding was changed in 2000. Some 80% of cancer registrations are supported by pathological confirmation. The incidence of prostate cancer has risen dramatically in parts of the registry area since 2001. This has largely been attributed to increased PSA testing.

Use of the data
There are five principal ways in which our data are made available:

The SWPHO website (www.swpho.nhs.uk). This site is accessible to all for epidemiological statistics of the important cancers and information on cancer epidemiology.

An ad-hoc information request service. Each year the SWCIS deals with over 200 information requests by phone, email, fax or letter from a wide range of health professionals and others. Regular users of the service are strategic health authorities, consultants, medical students, clinical audit, research bodies and the media.

To government via data exchange. A regular download of new and updated registrations is sent to the National Registry (ONS) for Government publication.

Publications. Cancers of special interest, patterns of treatment, and health service facility usage are regular topics of reports.

Collaborative research. The SWCIS works with a variety of partners including Cancer Networks on a range of topics to produce varied outputs including audit, new databases, follow-up studies and treatment effectiveness have all been covered in recent years.

Source of population
Mid-year estimates based on censuses in 1991 and 2001 (Office for National Statistics).

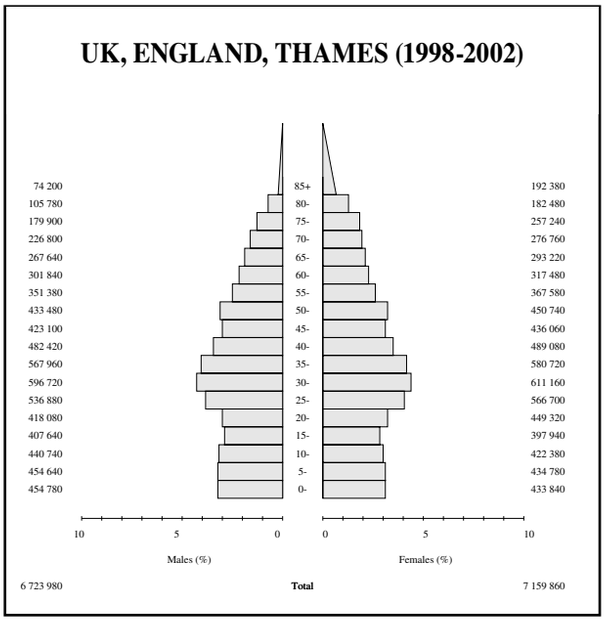
Multiple primary rules used
UKACR rules (1998).

UK, England, Thames

Registration area

The Registry was founded in 1958 as the South Metropolitan Cancer Registry, became population-based in 1960, and was renamed the South Thames Cancer Registry in 1974. Until 1984 it covered the South East and South West Thames Regional Health Authority areas (the South Thames Health Regions), with a population of approximately 6.8 million. In 1985 the Registry expanded to include the North Thames Health Regions, becoming the Thames Cancer Registry (TCR) and covering, in 2000, a population of approximately 14 million across the counties of Hertfordshire, Essex, London, Surrey, Sussex and Kent. Data in this volume cover this population, and have been submitted for diagnosis years 1985–2002. Previous volumes have covered the South Thames Health Regions only.

The Registry region includes some of the most affluent areas in England, and also some of the most deprived. London has an ethnically diverse population. In the 2001 census, 17% of the TCR population were not classed as white, compared with 9% in England.



Cancer care facilities

The majority of cancer patients are treated within the National Health Service (NHS). The Registry region is covered by 13 NHS Cancer Networks and more than 50 NHS secondary and tertiary care trusts. The Cancer Networks co-ordinate cancer care.

Most patients are diagnosed and treated in a secondary care trust. Patients with rare cancers and those requiring specialised care are referred to a tertiary care trust. There are 22 radiotherapy centres in the area, 19 NHS and 3 private.

Registry structure and methods

The Registry is located on the Guys Hospital campus at London Bridge, and is a department in King's College London School of Medicine. It is funded through a contract with the Regional Director of Public Health in London.

The Registry has approximately 70 staff. Thirty mobile staff actively abstract registration information from hospital medical records. The other 40 staff, at the London Bridge office, perform data entry, computing, quality assurance, analysis, reporting, research and management functions.

Principal sources of information on cancer cases are pathology reports and information systems, paper medical records, hospital patient information systems and death certificates.

Death certificates are provided electronically to the Registry by the Office for National Statistics. Certificates are provided for registered patients, and for all people dying in the Registry's catchment area from or with cancer.

The Registry collects patient identifying information. Special provision within the Health and Social Care Act 2001 enables the Registry to continue this practice without the direct consent of patients. Cancer is not a notifiable disease in the UK.

A wide range of data validation checks are applied by the Registry's computerised registration system at the time of data entry/import. Automated retrospective validation checks are made daily. Patient deduplication is done annually. The Registry regularly reports and monitors the stability of its case ascertainment and data and process quality indicators. The Registry participates in the quality assurance activities of the United Kingdom Association of Cancer Registries, which formally evaluate the Registry's stability, data quality and completeness.

Interpreting the results

Previous volumes have reported incidence in the South Thames Health Regions only. The data in the present submission cover the residential population of South East England (the counties of Hertfordshire, Essex, London, Surrey, Sussex and Kent) in the period 1985–2002. This is the territory of the (now historic) North and South Thames Health Regions.

There are organised national screening programmes for breast and cervical cancer. The Registry exchanges data with the breast-screening programme. Prostate-specific antigen testing is common in the Registry's population, and this has led to increased rates of prostate cancer, particularly in men under 70 years of age.

Use of the data

A range of reports are provided for health organisations in the Registry's region. Research activity and output in the Registry have increased in recent years. The Registry contributes data to a regional Cancer Information Service available online to NHS users. The Registry recently prepared national long-term cancer incidence predictions for the Department of Heath. For further information, see http://www.tcr.org.uk/.

Source of population

The population table has been extracted from national population files produced by the Office for National Statistics (ONS). It details the population of the Thames Cancer Registry diagnosis years 1985-2002 catchment area for the calendar years 1985-2002. National censuses were held in 1981, 1991 and 2001. The 1991 and 2001 populations in this table are from the censuses in those years. The populations for the other years in the file are mid–year estimates based on census data.

Multiple primary rules used

IACR rules (2004) on historical data.

UK, England, Trent

Registration area

The Trent region covers the counties of Derbyshire (except its north-west tip), Leicestershire, Rutland, Lincolnshire, Nottinghamshire and South Yorkshire, an area of 14 763 km^2 with a resident population of 4.8 million. The area is served by 11 Acute Trusts, 12 Primary Care Trusts and three medical schools (Leicester, Nottingham and Sheffield). It spans two Government Office Regions (Yorkshire and the Humber, and East Midlands) and is the lead Cancer Registry for providing information to four Cancer Networks (North Trent, Mid Trent, Derby/Burton, Leicestershire, Northamptonshire and Rutland). Cancer Centres are located in Derby, Leicester, Nottingham and Sheffield, where radiotherapy and chemotherapy services are available. United Lincolnshire Hospitals NHS Trust is a cancer unit with radiotherapy services.

Despite variations within the region, the overall Trent population profile is comparable with that of England. Forty percent of Trent local authorities are in the two most deprived quintile groups for the whole of England, compared with 35% in the two least deprived quintile groups. Just less than 75% of the resident population live in urban areas. The ethnic profile of the population is predominantly White (93.7%), with sizeable numbers from Asian ethnic groups (3.9%), most notably Indian (2.5%).

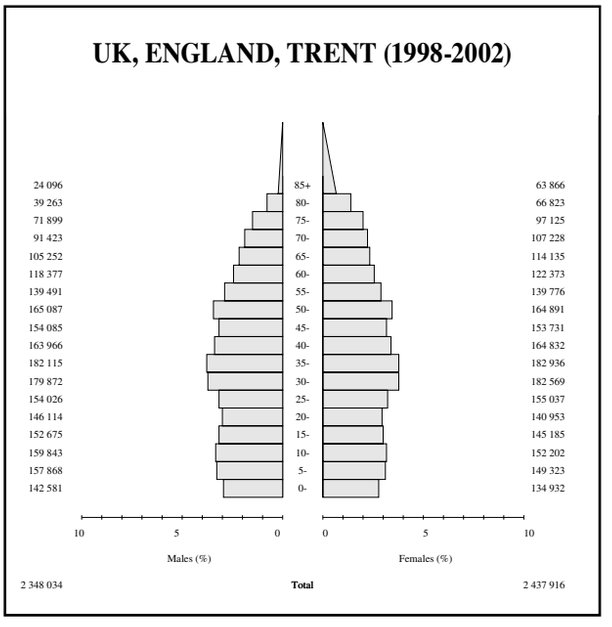
The area covers a variety of industry. The decline of the coal and steel industries over the last thirty years has led to considerable economic re-development with heavy industry being replaced with light engineering and service industries. Textiles and the pharmaceutical industry also have a strong hold in the region. Many of the rural areas support farming, food production and tourism.

Routine breast and cervical screening programmes operate in the Trent Region. Roll-out of the regional bowel cancer screening programme commenced in March 2007 at the Derbyshire Screening Centre, and completion is planned for 2009. The NHS Prostate Cancer Programme was launched in 2000 and testing for prostate cancer is now available on request to men aged over 50 years on an informed choice basis.

Registry structure and methods

Cancer registration in the Trent region began in 1955. Since then there have been a number of significant changes and reconfigurations that have resulted in the organisation we see today: Most recently, in 2003, the Registry moved to the current premises in Fulwood, Sheffield and in 2005 benefited from a merger with the East Midlands Public Health Observatory giving greater opportunities for joint working and significantly expanding the type of work/projects the registry is able to undertake.

Trent Cancer Registry collects a common minimum dataset on cancer. Cases diagnosed in hospitals (inpatient and outpatient) are notified to the registry electronically, including details taken from pathology reports. Other cancer registries notify the registry of Trent residents treated outside the region. Copies of Death Certificates are routinely received from the Office for National Statistics (ONS) for all cases where cancer is a cause of death. When the cause of death is not cancer related, the registry is notified by the National Health Service Central Register, where all registered cancer patients are flagged.



On receipt, data are validated using extensive edit procedures (incorporating those of the ONS), and checked for duplicate registrations and identification of patients with multiple primaries. Formal evaluation of the completeness and accuracy of information recorded by Trent Cancer Registry is ongoing as part of the UKACR National Cancer Peer Review Programme. This aims to improve the processes, timeliness, quality and provision of cancer information.

The current database holds records from 1966 comprising more than 900 000 individual registrations from across the Trent Region, with approximately 35 000 new registrations (malignant and non-malignant) each year. At intervals, new registrations are abstracted and sent to ONS to update the national system.

Use of the data

Data are used for a variety of purposes, in particular, responding to local health requests for information to support the effective provision of cancer services, use in studies both locally and nationally, providing information to support genetic counselling service enquiries, and responding to ad hoc requests as appropriate.

Some statistics, further details and also information about reports and other publications, can be found on the Trent Cancer Registry Website: www.trentcancer.nhs.uk

Source of population

UKACR Populations Dataset Version 3.

Multiple primary rules used

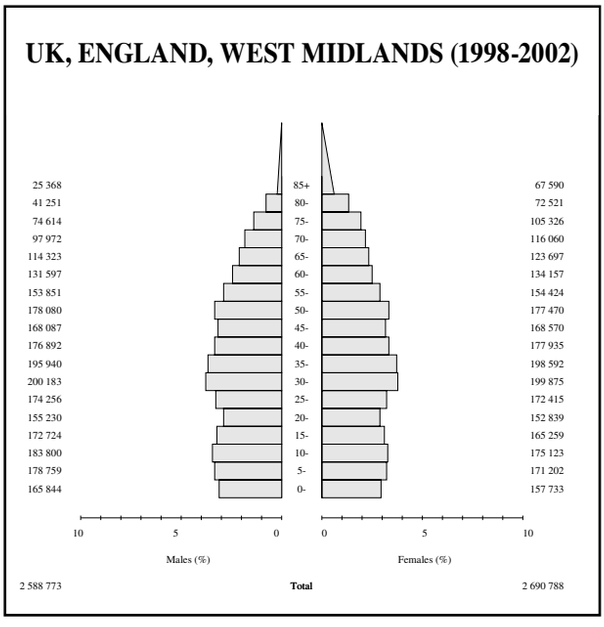
UKACR rules (1998).

UK, England, West Midlands

Registration area

The West Midlands registration area covers a population of 5 300 000 people in 2002, just over 10% of the total population of England. There are marked differences in population density across the region, with very densely populated urban areas and more sparsely populated rural areas. Non-white residents make up 11% of the total West Midlands population, with the largest ethnic groups being Indian (3.4%), Pakistani (2.9%) and Black Caribbean (1.6%) (2001 census). The percentage of non-white residents is considerably higher in some areas of the West Midlands such as Birmingham (30%), Wolverhampton (22%), Sandwell (20%) and Coventry (16%).

In April 2002, the West Midlands region was divided into three Strategic Health Authorities, but in October 2006 these were amalgamated into single Strategic Health Authority covering the whole region. There are five cancer networks covering the West Midlands population. Three (Arden, Pan Birmingham and the Greater Midlands Cancer Networks) are entirely contained within the West Midlands; the Derby/Burton and 3 Counties Cancer Networks also include residents of other registration areas.



Cancer care facilities

There are 18 acute hospital NHS Trusts within the West Midlands, all of which diagnose and treat cancer patients. Five of these are cancer centres providing radiotherapy. A relatively small number of cancers are diagnosed in private hospitals, nursing homes and hospices. The WMCIU receives diagnostic and treatment information from all of these organisations.

Whilst there are no routine data available on the rates of PSA testing in the West Midlands, there has been a large increase in prostate cancer since the late 1980s, when the PSA test was made widely available. Furthermore, this increase is much greater in the most affluent men.

Registry structure and methods

Cancer registration in Birmingham dates to 1936. Originally based on a single hospital, its scope was gradually extended until by 1957 it included the whole region.

The WMCIU employs 23 staff in the cancer registration and data quality section. Four teams of tumour registrars and cancer registration clerks are responsible for processing the data received from NHS and private hospitals, nursing homes and hospices in a particular geographical area. Each team leader also has a specific area of responsibility; cancer registration, data quality, training and records management. The research and information team consists of 7 staff and the computing and automated cancer registration teams of 5 staff. A further 6 staff provide business, administrative and secretarial support. The WMCIU is funded, as are all English cancer registries, via top-sliced, earmarked funding from the Department of Health.

Cancer registration is not a legal requirement in the UK at present. However, regulations passed under section 60 of the Health and Social Care Act 2002 permit cancer registries to collect identifiable patient data assuming the implicit consent of the data subjects. Cases are mainly registered following receipt of information from clerical staff at individual hospitals in the form of relevant histopathology reports and clinical case notes, such as radiotherapy reports. Some hospitals send this information in electronic format as a single patient record. The information collected includes demographic details, tumour characteristics, details of the involved clinicians and hospitals, and the nature of treatment. Copies of death certificates are routinely received from the Office for National Statistics (ONS) for all cases mentioning cancer. If no further information is received after six months, additional details are sought from Primary Care Trust medical records departments (to whom all general practitioner records are returned after a patient's death) and hospitals are contacted to obtain relevant details. Non-cancer deaths are provided routinely by the National Health Service Central Register where all registered cancer patients are flagged. Active follow-up of patients is carried out for specific research studies (particularly survival studies that include extra-regional cases) but not routinely.

In 1994, the WMCIU's existing tumour-based records were converted to a patient-based system in which all patients have a unique identifier and individual patients can have several tumours each with a unique tumour number. This increased the ease and speed of registration and facilitated more complex validation and data-quality checks in line with IARC and ONS recommendations.

Use of the data

The WMCIU's database is used for routine data provision and for clinical audit and research purposes. Since 1995, data collected by the WMCIU have been used to assist in planning and monitoring the efficacy and cost-effectiveness of cancer services. The WMCIU is also involved in the EUROCARE study and contributes data to EUROCIM. The April 1996 incorporation of the NHS Breast and Cervical Screening Quality Assurance Services into the existing structure facilitated the synergistic combination of cancer registration and screening databases. The first major outcome of this has been the establishment of routine systems for obtaining breast and cervical cancer screening histories for all women

in the screening age band, including the determination of interval cancer and non-attender rates.

In 2001, the WMCIU launched the electronic Cancer Information Service (CIS), providing a powerful tool to enable health workers connected to the NHS Net to access cancer data from their own PC. Modules available include cancer incidence, mortality and survival data, analyses of cancer registration data quality and outcome measures relevant to the quality assurance of the NHS Breast and Cervical Screening Programmes. The WMCIU has a web site (www.wmpho.org.uk/wmciu/) from which general information on cancer incidence, mortality and survival can be obtained.

Source of population

Population estimates are based on the 2001 Census and built up from Census Area Statistical Wards. ONS estimates have been used to estimate the populations forwards and backwards to cover the period 1998–2002.

Multiple primary rules used

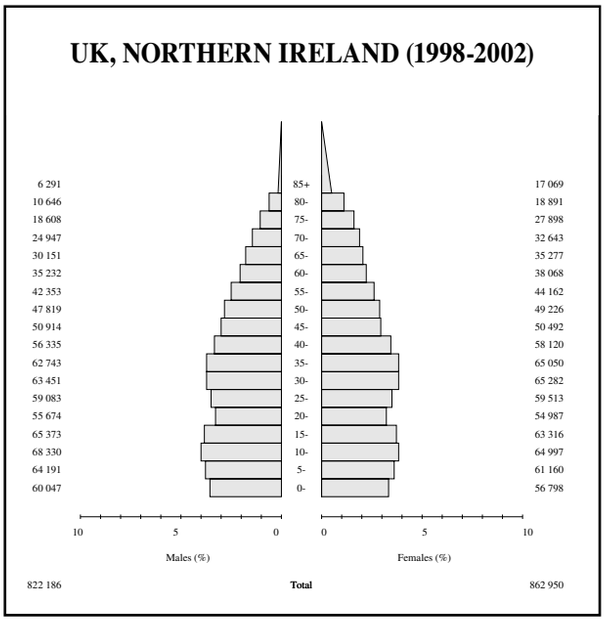
IACR rules (2004) on historical data.

UK, Northern Ireland

Registration Area

Northern Ireland consists of the six counties in the north of the island of Ireland and is part of the United Kingdom. The population of Northern Ireland was 1 689 319 at the last census year of 2001. Whereas most of the population is rural, there are two major urban areas situated around the cities of Belfast and Londonderry. Most of the heavy industry is located in the two urban areas. The population is relatively racially homogeneous with only a few small ethnic minorities, although there has been a recent influx of immigrants mainly from Eastern Europe.

The Northern Ireland Cancer Registry is a population-based registry that covers the entire population of Northern Ireland. Historically we have had high death rates from mesothelioma due to the shipbuilding industry in Belfast. In April 2007, a smoking ban was introduced into all work and public places.



Cancer care facilities

Most cancer patients are treated within the National Health Service system and even most private patients receive some of their treatment in National Health Service hospitals. Until 1 April 2007 there were 13 separate Hospital Trusts, which treat cancer patients amongst the four regional Health Boards. There is one radiotherapy department in the region, serving all cancer patients in the area. The vast majority of patients receive all their care within the region. A major re-organisation of cancer services in 1997 introduced the concept of a cancer centre and four cancer units for the population.

Registry structure and methods

The current N. Ireland Cancer Registry was established in 1994 to provide information on cancers in the Northern Ireland population for the purposes of research, education and the planning of services. The new registry, located in Queen's University Belfast, replaced an existing Department of Health and Social Services (DHSS) Registry that began in 1959. It is funded by an annual grant from the Department of Health with five yearly reviews to ensure quality and to advise on direction.

The registry uses an automated computer system with multiple sources of notification of patients with cancer. The Registry uses three main sources for registration, the Patient Administration System (PAS) used by all the Hospital Trusts, histopathology reports and death notifications. From PAS the registry obtains demographic information on individual patients along with data on their length of hospital stay and basic tumour site and behaviour information as an ICD-10 code. PAS information includes limited surgical treatment information. The tumour information is supplemented by electronic downloads from histopathology and cytopathology laboratories

The registry collects information on all neoplasms diagnosed in Northern Ireland. Some cancer-related conditions such as Barrett's oesophagus, hydatiform moles and CIN-I and CIN-II of the cervix are also recorded.

A major focus of the registry's operation work is on the verification of information from a single death certificate (death initiated cases), a single hospital admission or a single histopathology report. Registry staff examine practitioners notes for patients who have died from cancer. The staff also examines hospital records for cases identified without confirmatory histopathology or cytology. Histopathology reports are also checked for conflicting information or other possible errors.

The registry does not routinely receive tumour staging information but extracts some staging information from the written histopathology reports. Pathological staging is carried out by Registry staff on selected sites only—breast, colon, rectum, cervix, melanoma, bladder, testis and ovary. An electronic tool to facilitate clinicians staging cancer has been developed by the registry. Pilot studies indicate enhanced recording of stage. The Registry has piloted the capture of staging and other information at Multidisciplinary Team meetings, which discuss individual patient treatment plans and care.

The Registry has rigorous Quality Control and Quality Assurance programmes to ensure high levels of data completeness and accuracy. The Registry contributes annually to the UAKACR Quality Assurance Group to help monitor data quality issues. Additionally we routinely use the Flow Method for case ascertainment and yearly data re-abstraction to monitor data quality.

Interpreting the results

Population-based breast screening has been offered to all women aged 50–64 since 1993. The programme operates a three yearly recall system and was recently extended to include women up to the age of 70. Cervical screening has been available population-wide to all women over 20 since the late 1980s. PSA testing for prostate cancer has steadily risen since the early 1990s; however there are no formal guidelines at present to use this for population screening.

Use of the data

The registry not only registers all cancers in the region, but also provides a cancer information service and has a close connection with the breast and cervical screening services and the local cancer network. Registry data are routinely used by policymakers to evaluate and plan cancer services throughout the region. Registry reports on cancer survival, trends, cluster investigation and disease-specific audits are available at www.qub.ac.uk/nicr. The registry data on

Barrett's oesophagus and prostate cancer screening have formed the basis of research projects.

Source of population
2001 census. Northern Ireland Population census conducted on 29th April 2001. 1998, 1999, 2000, 2002: Mid Year population based on the results of the 1991 and 2001 censuses adjusted to take account of births, deaths and migration between Census Day and the Mid–Year date of 30th June.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

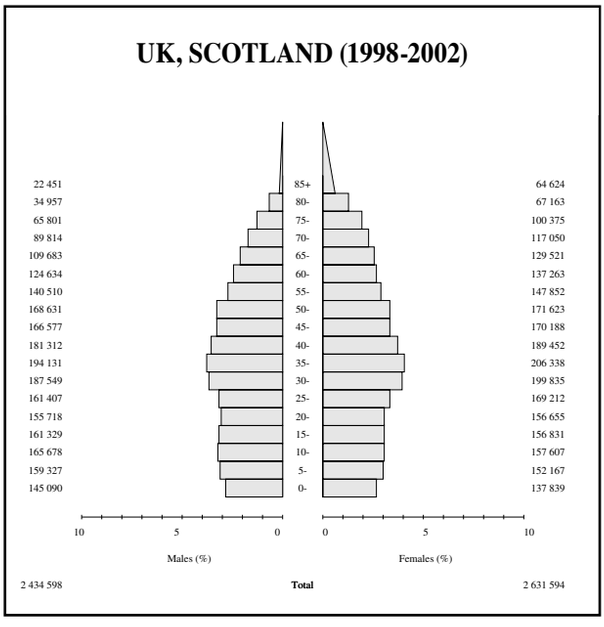
UK, Scotland

Registration area

The Scottish Cancer Registry covers the whole of Scotland, which has a population of just over five million. The majority of the population live in an industrialised belt across the centre of the country. The majority (87.15%) of the population were born in Scotland but 9.07% were born elsewhere in the United Kingdom (England, Wales, or Northern Ireland). A relatively small percentage (1.53%) were born elsewhere in Europe, and 2.25% in the rest of the world.

Cancer care facilities

The National Health Service in Scotland is funded mainly through taxation and is mostly free at the point of use. Access to hospital care is controlled by a well-developed system of primary care. Radiotherapy facilities are provided at five main centres (Inverness, Aberdeen, Dundee, Edinburgh, and Glasgow), but many patients with cancer are diagnosed and receive their primary therapy at district general hospitals. The private healthcare sector in Scotland is relatively small.



Registry structure and methods

The Scottish Cancer Registry forms part of the Information Services Division (ISD) of the National Health Service National Services Scotland (NHS NSS). The core registration function is funded by the Scottish Executive Health Department.

Until 1997, five regional cancer registries carried out registration, and the role of the national registry was limited to coordination, data collation, analysis and publication. In 1997, the national registry assumed responsibility for all aspects of registration and established a network of outposted, peripatetic cancer registration officers based in the main hospitals. Currently the registry is staffed by a medical director, a national coordinator, six central registry staff (two of whom work part-time), and 24 outposted staff (three of whom work part-time).

Cancer is not a notifiable disease in Scotland. Until 1997, the regional registries relied mainly on hospital inpatient sources, pathology records and death records to identify registrations. Since reorganisation, potential registrations are identified from four main computerised sources: hospital discharge records, oncology records, pathology records and death records. Information from these and other, non-computerised sources is linked to create provisional registrations that are made available to the outposted cancer information officers. By referring to medical records, the outposted staff validate the provisional registration and abstract additional information that cannot currently be collected electronically. The registry has an active programme of quality assurance.

Interpreting the results

The registry introduced ICD-10 and the second edition of ICD-O for diagnostic coding of patients diagnosed on or after 1 January 1997. Previously records were coded to ICD-9 and morphology to the first edition of ICD-O. The registry dataset was also expanded in 1997 to include most valid basis of diagnosis, method of first detection, grade of differentiation, stage of disease (for colorectal, female breast and cervix cancers), treatment details and entry to any clinical trial.

Cervical screening began in parts of Scotland in the early 1960s, but coverage was uneven until a computerised call-recall system was introduced in the late 1980s, offering cervical smears to eligible women in the age group 20–60 every three years. A national breast screening programme was phased in to Scotland in the late 1980s for all women aged 50–64 years every three years, and older women on demand. However, beginning in 2003/04, the age range for invitation was extended to include women up to the age of 70. In April 2000, in three (out of 15) Scottish health boards, a colorectal cancer screening pilot project was established to assess the feasibility of introducing a national screening programme based on offering faecal occult blood testing to individuals aged 50–69 every two years.

The prostate specific antigen (PSA) test was introduced to Scotland in 1989, and use of the test has increased strikingly since then. Although screening for prostate cancer is not currently recommended in Scotland, there is some evidence of differing thresholds for application of the PSA test since there is now considerable variation in incidence across the 15 Scottish health board areas despite much less variation in mortality.

In adults, the prevalence of smoking is estimated to have fallen from 46% in 1976 to 28% in 2002, although serious concerns remain about the prevalence of smoking among teenagers in Scotland. Alcohol consumption has increased greatly in Scotland since the 1950s. The diet in Scotland is widely regarded as unhealthy, and there is no evidence of any substantial change overall in fresh fruit or vegetable consumption since the early 1950s.

Use of the data

The Scottish Cancer Registry publishes data regularly on incidence, and periodically on survival. Increasingly, information is being made available on the internet (http://www.isdscotland.org/cancer). *Ad hoc* analyses of the data are carried out in response to many requests for information from a wide variety of data users. The Scottish Cancer Registry is involved in several major studies, both in-house and collaborative. The

registry data are used for a wide range of purposes including public health surveillance, needs assessment, planning and commissioning of cancer services, evaluating the impact of interventions on incidence and survival, clinical audit and health services research, epidemiological studies aimed at determining the causes of cancer, and providing information to support a range of functions including genetic counselling and health education.

Source of population
Official estimates: Mid–year (30 June) population estimates. General Register Office Scotland (GROS): (mid–year 2002) http://www.gro–scotland.gov.uk/statistics/library/poptest/02–mid–year–tables/index.html.

Multiple primary rules used
IACR rules (2004) on historical data.

Oceania

Philippines
North Pacific Ocean
French Polynesia
Indonesia
Papua New Guinea
Hawaii (USA)
Northern Territory
Queensland
Australia
Western
South
New South Wales
Capital Territory
Victoria
New Zealand
Indian Ocean
Tasmania

Australian Capital Territory

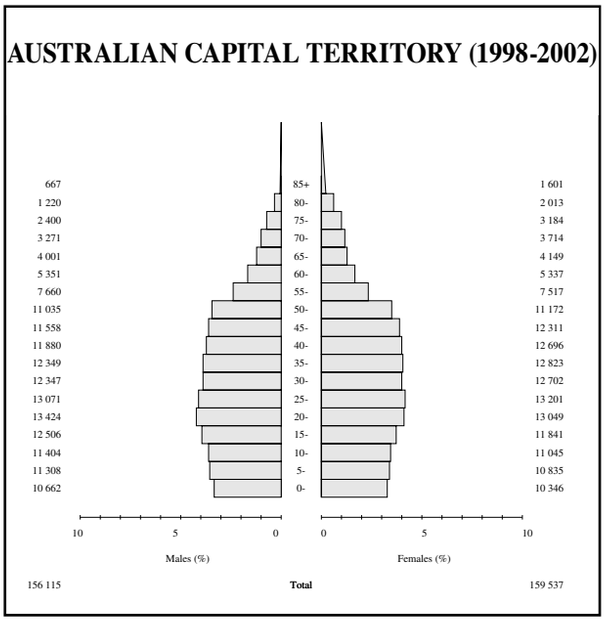
Registration area

The Australian Capital Territory (ACT) covers an area of approximately 2400 km^2 and is surrounded on all sides by the state of New South Wales (NSW). Almost all the ACT residents live in metropolitan Canberra, although 85% of the Territory's land mass is devoted to national park, nature reserves, pine plantations and properties. The population at the most recent census in 2001 was 311 947, which represents 1.6% of the Australian's population. The estimated median age in 2001 was 32 years.

Cancer care facilities

The ACT Health oversees general health care in the region in partnership with the service providers. The ACT has a comprehensive range of cancer prevention, early detection, treatment, community care and palliative services available to the local community, in both the public and private sectors. The Canberra Hospital is the principal cancer care provider in the ACT and surrounding NSW region, and offers expertise in surgery, medical and radiation oncology and haematology services. The Canberra Hospital is active in cancer research and clinical trials.

There is a strong network of consumer and carer support groups and the Cancer Council ACT is well supported by service providers and the ACT community.



Registry structure and methods

The cancer registry is the agency established under the Public Health (Cancer Reporting) Regulations gazetted in 1994, to receive notification of cancer in the ACT. Previously, the NSW Cancer Registry had been collecting data for the ACT since 1972, although notification was voluntary.

The ACT Health funds the registry, which is located at the Canberra Hospital in Woden in ACT. Since the regulations came into effect in July 1994, notification of malignant neoplasms has been mandatory for all ACT hospitals (public, private and day), radiotherapy departments, pathology laboratories, hospice facilities and nursing homes. Currently, data are received from 18 sources. These are all paper notifications, with the exception of the Department of Radiation Oncology at the Canberra Hospital and one private hospital in the ACT. The forms are collated and forwarded onto the NSW Cancer Registry, which processes all new cases of cancer for the ACT. Data on deaths from cancer is obtained from the ACT Registrar of Births, Deaths and Marriages.

Interpreting the results

Under the current arrangements, it is unlikely that any referred cases will be missed. Before 1994, voluntary reporting led to a dramatic under-reporting of cancer cases. Since 1994, the reporting of cancer cases has improved steadily to a level at or near 100%. For example, the age-standardised rate for malignant melanoma of the skin for males was 30.6 in the 1998-92 statistics, and 40.7 in the 1994–96 statistics.

Use of the data

The registry monitors the incidence and trends in cancer for ACT residents. With regard to the small numbers involved in the ACT cancer statistics, data on incidence and mortality are analysed in five-year blocks and reported every two years.

Record information is made available to approved medical researchers engaged in studies that are considered by the ACT Health Ethics Committee to be of importance to the community.

Source of population

1991, 1996 and 2001 are census populations, adjusted for under–enumeration and Australian residents temporarily overseas. The intercensal estimates are obtained from the previous census by advancing age and allowing for births, deaths and immigration. They are adjusted in the light of the succeeding census. Ref: Australian Bureau of Statistics. Population by age and sex: Australian States and Territories June 1992 to June 1997. ABS Catalogue no. 3201.0(1997) Canberra, Australian Bureau of Statistics.

Multiple primary rules used

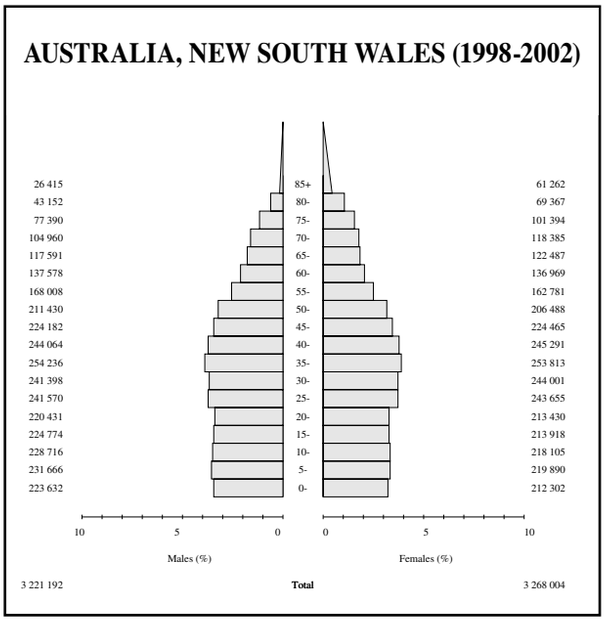
IACR rules (2004) on CI5 IX period.

Australia, New South Wales

Registration area
The NSW Central Cancer Registry covers the population of New South Wales. There were 6 686 644 residents in 2003; of these, two thirds live in the capital city, Sydney. NSW is the most populated of the six federated states, with 34% of the population of Australia. The area of NSW is 801 400 Km^2 (309 433 square miles), comprising 10.4% of the total area of Australia. Geographically, the Western Slopes of the Tablelands and the Western Plains occupy two thirds of the State, but most of the population lives in the east, with 74% living in the adjacent coastal cities of Sydney, Newcastle and Wollongong.

At 30 June 2003, 20% of the population was aged under 15 years of age, 67% between 15 and 65 and 13% 65 years and older. By comparison, in 1972, the first year of registration of cancer in New South Wales, 9% of the population was aged over 65 years.

In the 2001 Census, 4 450 772 people (70.5%) stated that they were Australian-born. This compares with 4 394 326 people (73.3%) in the 1996 Census and 4 284 568 (75.1%) in the 1991 Census.[1] The number of people born overseas in the 2001 Census was 1 474 987 (23.4%) compared with 1 388 849 (23.2%) in the 1996 Census and 1 286 847 (22.5%) in the 1991 Census. Of those born overseas, the three main countries of birth in the 2001 Census were the United Kingdom 275 130 (4.4%), New Zealand 105 708 (1.7%) and China (excludes Special Administrative Region and Taiwan Province) 85 363 (1.4%).



Cancer care facilities
There are 9 metropolitan and rural Area Health Services responsible for providing cancer services. These Area Health Services provide hospital inpatient, outpatient and community health care and specialist Cancer Care Centres for their residents. Radiotherapy and chemotherapy services are predominantly outpatient and provided in specialist Cancer Care Facilities. Cancer services are also provided by private facilities.

Notification of malignant neoplasms is a statutory requirement and currently operates under the authority of the Public Health Act of 1991. All public and private hospitals, departments of radiation oncology, nursing homes and pathology laboratories, outpatient departments and day procedure centres are required by law to notify the NSW Central Cancer Registry when cancer is diagnosed or treated by them.

Registry structure and methods
The NSW Central Cancer Registry is managed and funded by the NSW Cancer Institute on behalf of the NSW Health Department. There are 19 full-time-equivalent staff employed at the Registry. These include a manager, operations coordinator, coding supervisor, data quality manager, biostatistician, analyst programmer, medical adviser, medical coders and data entry clerks. The Registry maintains a register of cases of cancer diagnoses since 1972. The information collected includes name, address, date of birth, country of birth, clinical details about the cancer, the notifying institution and doctor. All information sent to the Registry is kept confidential, held under security and protected by the Public Health Act. Presently there is an initiative to develop clinical cancer registries to collect TNM staging and treatment information. These are being piloted in 5 of the 9 Area Health Services.

Forty percent of all notifications are received electronically; the remaining notifications and pathology reports are paper based. Death registrations are provided by the Registrar of Births, Deaths and Marriages and received regularly. Coded death registrations are also received from the Australia Bureau of Statistics. The Registry routinely matches cancer cases against deaths in Australia from all causes.

Interpreting the results
As notification is mandatory and provided through a number of different sources (on average, four notifications per case), the level of enumeration is likely to be high. Indicators of data quality support this assertion, with only 1.4% of cases registered as death certificate only and 88% of all cases histologically verified.

Use of the data
An annual statistical report is published that provides information on the number of new cases and deaths by counts, rates and trends over time. The Registry contributes to the prevention, planning, control and treatment of cancer in the population of NSW by providing timely accurate data and the evaluation of both breast and cervical screening programs. It contributes to national and international publications and a variety of specialist reports by cancer site. In addition, there are a number of other reports on specific cancer sites, risk factors and cancer survival in NSW in progress. Tabulated data is made available through a web based reporting module that can be accessed at www.statistics.cancerinstitute.org.au.

Unit record information is made available to approved medical researchers engaged in studies that are considered by the NSW Cancer Institute Ethics Committee and the Department of Health Ethics Committee to be of benefit to the wider community.

Source of population
Estimated resident population data – June 1998–2002.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

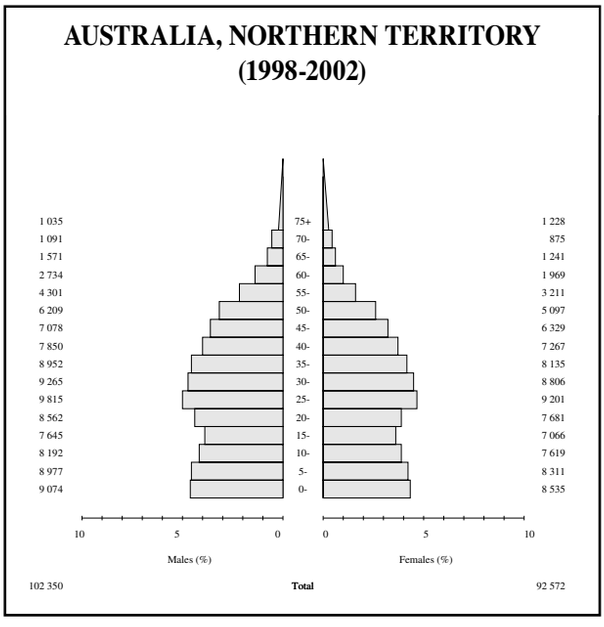
Australia, Northern Territory

Registration area
The Registry was established in 1981 to cover the entire population of the Northern Territory, a sparsely settled area of 1.4 million square kilometres in central and northern Australia. The population of the Northern Territory increased from 122 000 in 1981 to 203 000 in 2005. Seventy-five percent live in five urban areas.

The population has a very young age distribution, with only 5% of the population aged over 65 years, although the over-65 population is increasing at a faster rate than are younger age-groups. Twenty-nine percent of the population are Indigenous Australians, most of whom live in small, remote communities.

Cancer care facilities
There are six hospitals, including two referral hospitals, and a well-developed private health care system in the larger towns.

There has been some improvement in cancer diagnostic and treatment services since the establishment of the Registry. A breast cancer screening service commenced operation in 1994 and a cervical screening register in 1996. The extent of PSA testing is not known. A specialist medical oncologist commenced practice in the NT in 1991 and a haematologist in 2006, but other specialist oncology services are provided by visiting specialists from interstate; there is no specialist cancer treatment centre or radiotherapy facility.



Patients requiring treatment not available locally are transferred to specialist treatment centres in an interstate capital city. There is an extensive network of primary health care centres in remote communities.

Registry structure and methods
The Registry is located within and fully funded by the Health Gains Planning Branch of the state health department and staffed by one full-time research assistant. Data processing, coding and database maintenance are performed under contract by the South Australian Cancer Registry. Data analysis and publication are performed by Health Gains Planning Branch staff.

Notification of cases from the three pathology laboratories in the NT and the Registry of Births, Deaths and Marriages has been mandatory under the Cancer (Registration) Act since 1991. The Registry also performs active case detection from hospital inpatient morbidity data and follow-up from hospital medical records and medical practitioners for incomplete notifications.

Death registration in the NT is complete. The Hospital Morbidity Dataset is complete for the five public hospitals. There is a well-established system to exchange data with interstate cancer registries for cases notified in one state but resident in another at the time of diagnosis. There have been no substantial changes to case definitions or coding practices since 1991.

Interpreting the results
Prior to 1991, case ascertainment is estimated to have been only about 60% complete. A data quality audit of the register estimated that since 1991, case ascertainment has been less than 3% incomplete, in comparison with registration rates of other Australian registries. Incidence rates for Indigenous people under-estimate actual cancer incidence by approximately 18% because of mis-classification of indigenous status (Indigenous people incorrectly identified as non-Indigenous).

Indigenous Australians (Aborigines and Torres Strait Islanders) have a very different pattern of cancer incidence and survival at specific cancer sites than other Australians, with much higher incidence of some cancers but lower incidence of others, and lower cancer survival. Cancer incidence and mortality statistics are published separately for Indigenous and non-Indigenous people. Among Indigenous Australians, smoking prevalence is very high (over 50% of adults are current smokers), as is consumption of alcohol at dangerous levels; the prevalence of chronic infection with Hepatitis B virus is also high, but Pap test participation rates are relatively low. The prevalence of smoking and consumption of alcohol at dangerous levels is also higher among non-Indigenous people in the NT than for the total Australian population.

Use of the data
Because of the small number of cases registered each year, the registry produces statistical reports only every few years. The Registry participates in a small epidemiological research program focussing predominantly on issues relating to cancer in Indigenous Australians and performance of local cancer diagnosis and treatment services. In recent years Registry data have been increasingly used for health service planning purposes, particularly in consideration of the feasibility of establishing a radiation oncology service within the Northern Territory.

Source of population
Estimated Resident Population, based on five–years census. Australian Bureau of Statistics. 3228.0 – Demographic Estimates and Projections: Concepts, Sources and Methods, 1995. Catalogue No 3228.0. (available at http://www.abs.gov.au/AUSSTATS/abs@.nsf/DSSbyCollectionid/FCEF74DBECB94037CA256BD000274964).

Multiple primary rules used
IACR rules (1990 and 2000).

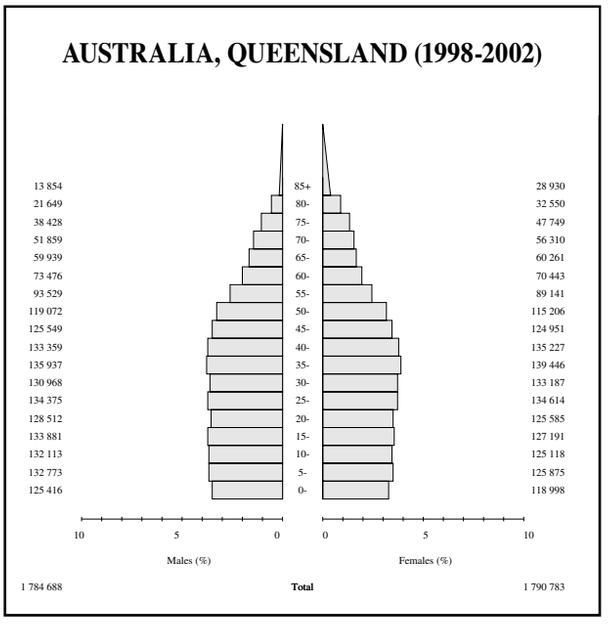
Australia, Queensland

Registration area
The Queensland Cancer Registry collects data relevant to the State of Queensland, which occupies the northeastern portion of the Australian continent. Queensland is the second-largest of the six Australian states and has the largest habitable area. Queensland boasts a subtropical to tropical climate.

The Queensland population of 3 522 044 (2001) is 19% of the total population of Australia. Queensland's population is the least centralised of all the mainland states of Australia.

Aboriginal and Torres Strait Islander people represent approximately 3.1% of the total population. Approximately 70% of the population are of Christian denomination.

Cancer care facilities
Specialist cancer treatment is primarily provided by the major Brisbane hospitals (Princess Alexandra Hospital, Mater Misericordiae Hospital, Royal Brisbane and Womens Hospitals and the Greenslopes and Wesley Private Hospitals) with large regional hospitals (e.g. Townsville and Rockhampton hospitals) also providing specialised treatment. In addition, some oncology specialists visit patients at regional centres. Radium treatment is available at Townsville and Brisbane.



Registry structure and methods
The registry is located at the Queensland Cancer Fund and is funded and managed by the Queensland Department of Health. The registry has a core of eight clinical coding staff as well as a number of temporary staff to undertake supplementary projects.

Data collection for the Queensland cancer Registry commenced on 1 January 1982. The registry operates under an Act of Parliament that requires compulsory notification of all cancer patients in Queensland to the registry from all hospitals (public, private, psychiatric) and nursing homes. In addition, it is compulsory for all pathology laboratories to provide pathology reports mentioning cancer to the registry. Death certificates are accessed where the cause of death is cancer and also for cancer patients dying of causes other than cancer.

Arrangements for completion of forms vary according to the type of hospital. Resident medical staff and medical records staff are involved in the larger hospitals, medical superintendents and nursing staff at smaller hospitals.

Interpreting the results
A number of new initiatives have been undertaken in recent years. Quality assurance reviews have been conducted on cause of death coding from the Australian Bureau of Statistics. A review comparing cancer notifications against the hospital morbidity collection has been conducted and indicated under-reporting. The registry is able to obtain access to electronic pathology reports for all public hospitals, and is currently working on accessing other pathology laboratory results electronically. Access to the electoral roll with date of birth has been gained, which assists in identifying patients still alive, and the registrar of births, death and marriages ahs introduced date of birth and indigenous identifier to the death certificates.

There is population-based, coordinated screening for breast and cervix, and about 30% of men older than 50 yrs have a PSA test in any specified year.

Use of the data
While the QCR doesn't undertake an epidemiological research itself, it does provide data for researchers wishing to undertake epidemiological research. Policy makers also use our cancer registry data for planning and evaluation of health services.

Source of population
Australian Bureau of Statistics. 2001 Census of Population and Housing, Selected Social and Housing Characteristics for Statistical local Areas 2015.3.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

Notes on the data
C44 does not include basal cell or squamous cell carcinoma.

South Australia

Registration area

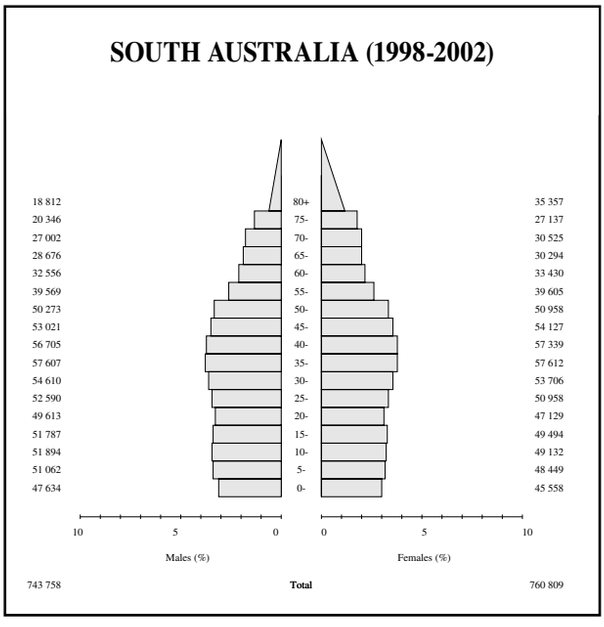
South Australia is a state in the Australian federation of six states and two territories. It is situated between 26° and 38°S and 129° and 141°E, and covers a total area of 984 375 km^2. Over one third of this area is desert, and over half of the state is devoted to extensive pastoral pursuits.

Approximately 99% of the population lives south of the 32nd parallel, and a high proportion of the population lives in or around the coastal state capital city, Adelaide.

South Australia has a multicultural population with increasing immigration from many overseas countries. The Cancer Registry records Country of Birth and Race (whether Caucasian, Indigenous, Asian or "Other").

Registry structure and methods

The South Australian Cancer Registry started in 1976, on a voluntary basis, but since 1977 notification of cancer has been a statutory obligation (without penalty) for all hospitals and pathology laboratories in South Australia. Hospitals are required to report all cases of cancer (expect non-melanotic skin cancers) within one calendar month of the patient's commencing radiotherapy, the patient's discharge from the hospital and/or death of the patient in the hospital. Pathology laboratories are required to send copies of reports of all cases of cancer within one calendar month of the finalisation of the pathology report.



Registry staff consists of a Manager and five cancer registry project officers.

The system of notification varies among hospitals depending on hospital size, staffing and types of record systems. In general, the responsibility lies with medical records officers in public hospitals and managers in private institutions. The multiple notifications received are linked and a file is created for each patient. Checks are available to the registry from death certifications and pathology reports. Cases from such sources that are not reported by hospitals are followed up.

Information collected includes country of birth, race, occupation, Breslow thickness and Clark level for melanoma and tumour diameter and nodal status for breast cancer.

The registry staff regularly telephone, visit or write all hospitals to obtain information on inadequately reported cases and cases identified from pathology laboratory reports. Patients' medical advisers may be consulted by letter or telephone if case discrepancies are not resolved by other means. An annual cross-linkage checks cancer registry live cases with the Registrar of Deaths' main deaths file to see whether any cancer cases have died of a condition other than cancer. Cancer deaths are detected on a monthly basis by electronically searching the current file of death certificates obtained from the Registrar of Births, Deaths and Marriages. Hospitals or treating medical advisers are consulted when a cancer death certificate is received for someone not already known to the registry. All Australian registries communicate regularly with each other about cases who have moved interstate.

Ascertainment checks to find unreported cases are performed at least every six months by comparing hospitals' inpatient separation data with the registry's files. An annual data validation check is performed in addition to the routine editing and validation procedures incorporated into the data entry software.

Since 1987, a system of hospital-based (clinical) registries has been established in major teaching hospitals in South Australia. Special liaisons have been established with the hospitals' departments to facilitate the follow-up of patients by clinicians and to enable them to evaluate clinical aspects such as treatment outcomes in relation to disease stage and important prognostic factors. The relevant clinical areas own these hospital-based registries, but significant interaction with the population-based registry is required for case ascertainment and data provision.

Use of the data

The primary objective of the registry is to describe the nature and extent of cancer in South Australia, to monitor cancer incidence, mortality and survival, and to evaluate spatial and sub-population differences. Registry publications on cancer in South Australia are current, timely and well-received locally, interstate and overseas.

The data are used extensively for monitoring the burden of cancer in the community and evaluating the effectiveness of cancer control and prevention programmes, for example breast and cervical cancer screening, and of clinical services. PSA testing is also common within the population. Other international, national and local bodies also use the data extensively for their cancer prevention, cancer control, clinical services and/or research activities. The Cancer Council South Australia is one local organisation that uses registry data heavily in its activities.

An analysis of survival has provided valuable information for the entire South Australian community, and has served as a standard comparison for intra-hospital survival studies. The data are now sufficient for ten-year relative survival rates to be calculated based on the proportion of survivors from 1977 in the patient group, as related to the proportion of survivors in a similar group of people without the disease.

Cancer registry data also are used in investigating perceived cancer clusters in various geographical areas.

These perceptions usually arise from a citizen or group of citizens concerned about their local environment.

Other cancer epidemiology and statistics endeavours are supported, such as the National Malignant Mesothelioma Project, National Paediatric Cancer Registry, the National Cancer Statistics Clearing House and various *ad hoc* international, national and local projects.

Source of population

The mid–year 2000 population was estimated by the Australian Bureau of Statistics, based on the 1996 census, and advancing age and allowing for migration, births and deaths.

Multiple primary rules used

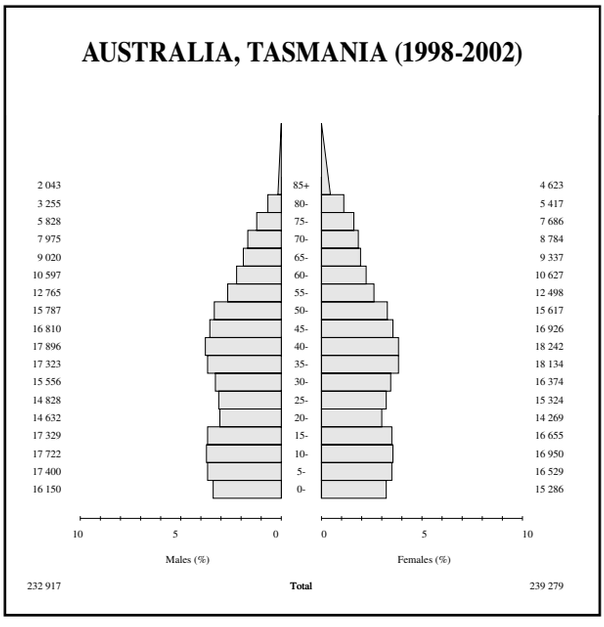
IACR rules (2004) on CI5 IX period.

Australia, Tasmania

Registration area

Tasmania, the smallest state of Australia, is a group of islands of 68 114 km^2, about 0.9% of the total area of Australia, lying between 40° and 43°S, and having a temperate climate. The principal industries are aquaculture, viticulture, mining and forestry. Secondary industries include textile, confectionery, beer and beverages, zinc and aluminium smelters, and vegetable and milk processing. Tourism is also a major industry in Tasmania. Waterpower stations provide nearly all the electricity generated in the state. Wood fires used for home heating produce smoke in populated areas during the winter. A degree of heavy metal pollution of river waters occurs in some areas.

Only 2.5% of Australia's population reside in Tasmania. Tasmania is the most decentralised state in Australia, with almost 60% of people living outside the capital city statistical division. Like the national population, that of Tasmania is ageing with an increasing proportion of the population aged 65 years and over. Tasmania is the least diverse population in multicultural terms of all the states in Australia with 95.5% of the population born in Australia, the USA, the UK, New Zealand and South Africa. Three percent of the population are of indigenous origin.



Cancer care facilities

Tasmania is well served by oncology services. The three main population regions all have a public hospital system as well as a number of private hospitals. There are two radiation oncology units in the state.

Registry structure and methods

The Tasmanian Cancer Registry was established in 1977 as a population-based registry covering the state. The registry was set up for the purpose of providing the state government with accurate cancer incidence and mortality statistics and to provide the capacity to monitor cancer trends. In July 1988 the responsibility for the operation of the cancer registry was transferred from the Department of Health and Human Services to the Menzies Research Institute, University of Tasmania, Hobart.

Cancers were proclaimed as notifiable diseases in December 1992, and since then cancer has had a legislative basis. The registry is assisted by an Advisory Committee. The registry staff currently comprises a director, manager, two medical coders and a clerical assistant.

All the pathology laboratories in the State send the registry copies of histopathology, cytology and cell marker reports of cancer. Notification of cancer forms are supplied by the two radiation oncology clinics. Private and public hospitals notify diagnoses of cancer to the registry upon discharge of patients or provide a computerised listing of cancer cases periodically by electronic transfer. Death certificates of Tasmanian people are reviewed for mention of cancer as a cause of death. Since 1994 breast and cervix cancer screening programs have been undertaken in Tasmania, and listings from these sources are available to check against registry records. In the 1990s, the increase in the incidence of prostate cancer coincided with a greater use of PSA testing. Incidence peaked in 1995 before declining. Interstate registries supply data to the Tasmanian Cancer Registry on Tasmania residents who seek treatment interstate or who move interstate at some time after cancer diagnosis.

The Tasmanian Cancer Registry collects and registers non-melanoma skin cancers (NMSC) on a register established in 2001 for this purpose. Currently NMSC registrations are complete from 1978 to 2004.

To help achieve high data quality and case ascertainment, data are obtained from multiple sources including pathology laboratories, hospitals and the Registrar of Births, Deaths and Marriages. Most registered cases include data from both a pathology laboratory and a hospital service (inpatient or radiation oncology clinic). Where information received is insufficient to enable complete registration, active follow-up is undertaken by contacting treating doctors, pathology laboratories and medical records departments. In addition, the National Cancer Statistics Clearing House (NCSCH) in the national capital, Canberra, collates all State and Territory data and checks for duplicate registrations across two or more States.

Prior to the year 2000 cases were not accepted by the registry on the basis of death certificate only. Each death certificate is actively followed up to ascertain the time and place of diagnosis and to verify the diagnosis, and the percentage of death certificate only cases registered since 2000 is 1% per annum.

Use of the data

The registry publishes a report each year showing the number of new cases of cancer in Tasmania, and each cancer registry in Australia sends information to the NCSCH which publishes a national report. More detailed information is made available to the State Government healthcare institutions, healthcare professionals and health researchers to plan cancer education, treatment and research. In ethically approved research projects, identified data from the cancer registry may be released to researchers.

Source of population

1996 and 2001 are Census populations, adjusted for under–enumeration and Australian residents temporarily overseas. The intercensal estimates are obtained from the previous census by advancing age and allowing for births,

deaths and migration. They are adjusted in the light of the succeeding census. Ref.: Australian Demographic Statistics, Australian Bureau of Statistics, Cat. No. 3101.0, Dec. 1996–2001. Allen DN, Tasmanian Year Book 1996, Australian Bureau of Statistics, Cat. No. 3101.6, 1996.

Multiple primary rules used
IACR rules (2004) on historical data.

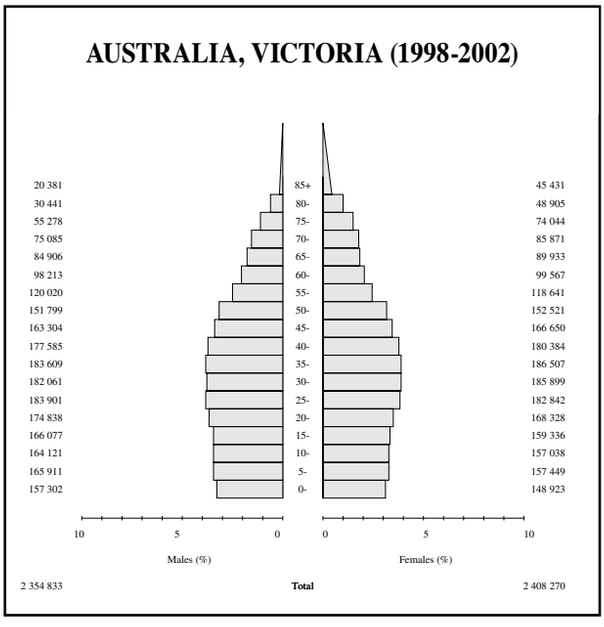
Notes on the data
C44 not available.

Australia, Victoria

Registration area

The Victorian Cancer Registry covers the State of Victoria, the second most populous State in the Australian Commonwealth, situated in the southeastern corner of the continent and bounded to the north by New South Wales and to the west by South Australia. The estimated population in 2004 comprised 4 962 970 persons, of whom 19% were under 15 years and 13% were aged 65 years or more. One in four Australians lives in Victoria, and almost three quarters of these live in the Melbourne Metropolitan Area with most of the remainder in small provincial cities. The average population density is 22 persons/km^2, ranging from <2 in the Wimmera to over 400 in Melbourne.

Since the registry's inception in 1982, the population has both grown and aged, and the mix of immigrants has altered from predominantly European to growing numbers from Asia, South America and Africa. The newest migrant groups tend to be younger and, therefore, contribute little to cancer incidence. At the 2001 census, 24% of the population was described as being overseas born. Of these 1 080 344 persons, 15% were from the United Kingdom, 4% from New Zealand, 7% from Italy, 4% from Greece, and 4% from Vietnam. The remainder originated in China, India, Sri Lanka, Malaysia, Germany, former Yugoslavia and other European countries, and small numbers from Asia, South America, Africa and Oceania. Almost 70% of Victorians were Christians (28% Catholic) with less than 1% each of Muslim, Jewish, Buddhist, Hindu and other religious denominations; one third stated no religion.



Because of its low latitude and highly susceptible population Victoria has a high incidence of skin cancers. No other cancer risk factors are particularly prominent; smoking has long been in decline but obesity is increasing.

Cancer care facilities

Victoria's medical care system is a mix of private and public sectors. In 2003–4 it had a well-established system of 144 public hospitals with several specialist oncology units including Radiation Oncology centres, and one large hospital dedicated to cancer treatment, for a total of 11 950 public hospital beds. In addition there were 135 private hospitals containing 6674 beds. A mix of public hospital departments and private laboratories provided pathology services. In the last two decades there has been some de-centralisation of treatment services, especially radiotherapy.

Victoria has organised screening programmes for breast and cervical cancer and bowel cancer screening is being introduced. Since the early 1990s the use of the PSA test has become widespread, though this is not supported by cancer agencies or the government.

Registry structure and methods

The Victorian Cancer Registry was established in 1940 by the Anti-Cancer Council of Victoria (as it was then known). Since legislation was passed in December 1982, cancer notification has been compulsory for all hospitals and pathology laboratories in Victoria, and fully population-based coverage was achieved in 1982. The registry is central to Cancer Council Victoria's cancer control programme, and is housed in its Cancer Control Research Institute in Melbourne. The registry is also funded by the Department of Human Services, Victoria. The Registry has a staff of 20: medical coders and clerical staff, a consultant pathologist, registrar and deputy registrar, director, information manager and administrative support from the Cancer Epidemiology Centre.

The registry is largely a passive notification system, receiving reports from around 250 hospitals and 50 pathology labs in Victoria and exchanging non-resident data with neighbouring states. Hospital data are received on handwritten forms, computer printouts or increasingly in electronic format. Notifications from pathologists are usually full copies of pathology reports in computer readable format. Over 70 000 notifications are processed for each year of incidence data. Other data sources include details of all death certificates supplied on magnetic tape by the Registrar of Births, Deaths and Marriages. Some active follow-up is pursued for cases in specialist sub-registers e.g. for *in-situ* and small invasive breast cancers, CNS neoplasms, childhood cancers, and prostate cancers.

The Victorian Cancer Registry adheres to IACR definition and coding recommendations; all data from 1982 have been recoded according to IACR rules. Data are rigorously computer-checked for validity and consistency, and routine checks are regularly conducted on the entire file. Data quality is assured by matching pathology reports with hospital registrations for cases where diagnosis was based on histological confirmation. There are no plans for a formal review of completeness or accuracy. Periodic record linkage with other administrative databases has confirmed virtually complete casefinding. For death certificate only registrations, correspondence is sent to the signatory doctor to confirm diagnosis. The registry only contacts patients directly within the context of research study recruitment.

Use of the data

The registry produces regular statistical reports and overviews of its accumulated data. It also produces a regular pamphlet, CANSTAT, a topical epidemiological digest of cancer facts and figures. Registry data are used to assess the extent of the cancer epidemic and to monitor trends, particularly in

cancers targeted by prevention programs (skin, lung, breast and cervix). The registry also facilitates cancer management surveys by identifying random samples of patients and sending their treating doctors questionnaires regarding care patterns. Cancers surveyed in this way have included breast, bowel, prostate, lung, and testis, rectum, ovary and bladder. One of the registry's most important functions is to facilitate epidemiological research. In addition to epidemiological analysis of registry data, the registry is used to follow up cancer events in cohort studies, to identify cases for case-control studies, and to confirm cancer occurrence in population-based studies.

Source of population
Mid–year estimated resident population (ERP) by age group and sex; Australia, States and Territories. Australian Bureau of Statistics Cat. No. 3201.0 (www.abs.gov.au).

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

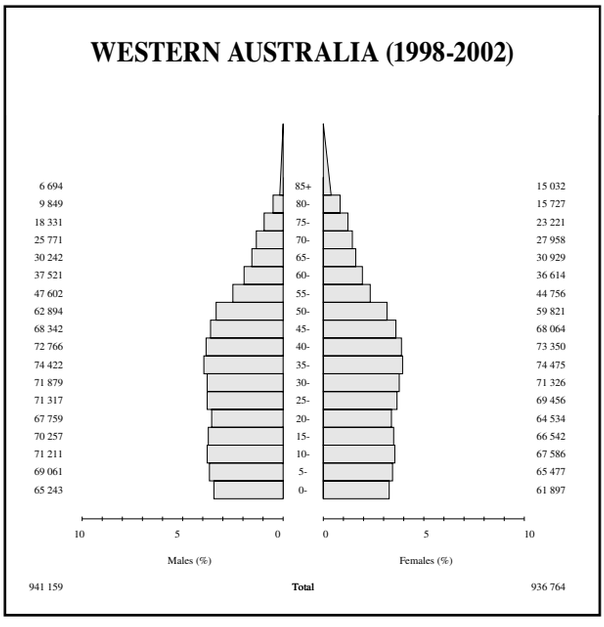
Western Australia

Registration area

The Western Australian population of is approximately 10% of the total population of Australia. Western Australia now has a high proportion of migrant inhabitants; 69% of the population were born in Australia, 22% in New Zealand, and 18% in Europe (including the UK). Approximately 3% of the population are Aboriginals, for whom life expectancy is on average between 15 and 20 years less than for non-Aboriginal persons.

The Registry covers the entire State of Western Australia, an area of 2 525 500 km^2, almost one third of the total area of Australia. The State lies between latitude 13º and 35ºS and longitude 113º and 129ºE and extends approximately 2400 km from north to south. The northern third of the State lies within the tropics where desert or near-desert conditions prevail over some 900 000 km^2 and population density is sparse. Population distribution overall is extremely uneven; 73% of the population live in the capital city Perth, in the south of the State

The State's economy has diversified, and it is now a leading producer of several key minerals. Heavy manufacturing is relatively insignificant, but light manufacturing is widespread. Air pollution has not been a major problem in Western Australia; however, there has been increasing public concern over the possible effects of industry, to which the Cancer Registry has had to devote significant time in recent years.



Cancer care facilities

Cancer therapy is concentrated in the Perth metropolitan area, the major (government-operated) teaching hospitals and several private clinics acting as referral centres for country areas.

Registry structure and methods

Reporting of cancer in Western Australia became a statutory obligation in August 1981 with the establishment of the population-based Western Australian Cancer Registry. Notifications are received from pathologists and radiation oncologists. Scope includes all malignancies and *in situ* neoplasms other than primary cutaneous BCC and SCC, and includes benign CNS tumours.

The WACR has the equivalent of 6 full-time staff who handle preparation, linkage, coding and entry of data, as well as administrative and statistical reporting functions. A detailed statistical report is produced each year and includes incidence and mortality rates and "most common cancer types" data, while other analyses such as survival and geographic-area analysis are periodically included.

Registry staff have access to medical records departments of major public hospitals to allow collection of additional data when necessary; enquiries are also made of private pathology laboratories and medical practitioners in case of need. Mortality information is routinely searched for outcomes of known cases, and additional cases are recorded—then subjected to the routine enquiry process—when a death certificate indicates a cancer in an individual previously unknown to the Registry. Search and matching routines are now fully computerised.

For selected cancers, additional data (such as level and depth for melanomas) are stored in linked data files. The database is a relational structure consisting of individual linked Dbase3+ files controlled by a locally-developed program using the Clipper5 compiler.

There are 4 hospital-based cancer registries in Western Australia that collect additional data concerning cancer stage and treatment, and regularly exchange information with the central Registry and hospital registries. This enhances the completeness of WACR data, and provides hospital teams with outcome (survival) information.

Interpreting the results

In Western Australian women, around 54% of the target population (50–69 years) are screened for breast cancer and 61% of the target population (20–69) undergo routine Pap smears to detect cervical cancer. Screening for other specific diseases is at present reserved for high-risk families.

Within WACR, data quality is assessed in various ways. For completeness of data, the mortality to incidence ratio is a reasonable indicator and for the 2004 data were 0.33 for males and 0.30 for females. The IARC rules for flagging of non-reportable "multiple primary" tumours are incorporated in the Registry software (recently updated to the current ICDO-3 rules).

Processing of death information has a special status—at the time of death data linkage, each case is reviewed for compatibility of incidence and mortality data, cause of death is coded by registry staff, and letters are sent to doctors or hospitals to resolve outstanding questions. The Registry records cause and date of death when notified of events outside our jurisdiction, so as to facilitate accurate survival analysis and prevalence studies.

Use of the data

The WACR maintains a comprehensive statistical analysis tool for response to queries, based on a statistical extract which can be updated periodically. Population files are maintained to serve the Department of health administrative boundaries, and a choice of "standard population" weightings is available to meet the needs of both local and International communities.

Data from the WA Cancer Registry are used in a wide variety of research projects, many of which include the contacting of individual persons on behalf of researchers. Use of named data for such purposes is strictly controlled, and the increasing use of Registry data for research purposes is encouraged. The staff support the view that the value of the Registry lies mainly in its being used.

Source of population
The estimate of the population–at–risk is based on Australian censuses and Australian Bureau of Statistics inter–censal estimates, making allowance for births and deaths, and migration into and out of the registration area.

Multiple primary rules used
IACR rules (2004) on historical data.

French Polynesia

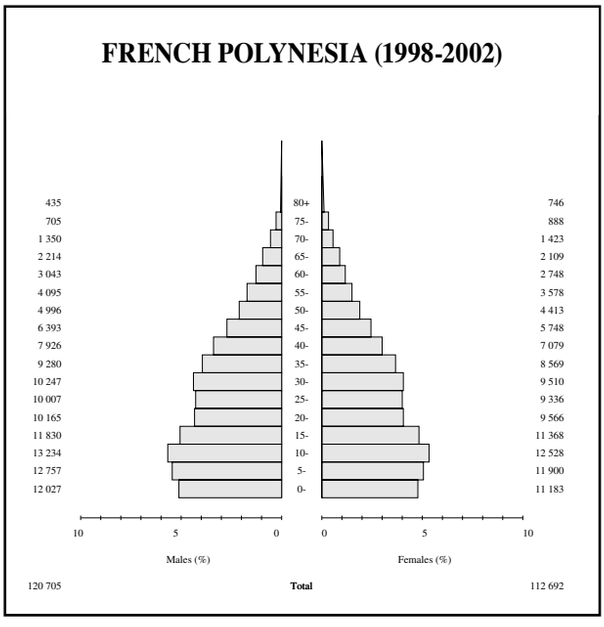
Registration area

The registry covers all of the islands of French Polynesia, i.e. 118 main islands distributed over 5 archipelagos, corresponding to a total of 4000 km^2 land area, but spread over an area of ocean the size of Europe.

Seventy-five per cent of the 244 830 inhabitants (Nov. 2002 population census) live on the island of Tahiti, where Papeete is the only real town of the area. The population is young: 40% are aged less than 20 years. In 2002, the birth rate was 19.6%; during the same period, the crude mortality rate was 4.6%, and 6.7% for child mortality.

Census data for 1988 show the following ethnic distribution (information on ethnic groups has no longer been collected after that date): Polynesian and related groups 83%, European and related groups 12%, and Asian and related groups 4%.

The majority of the population is of Christian denominations, mostly Protestant. In 2002, the economically active rate was 58%.



Cancer care facilities

Health care in French Polynesia is characterised by the co-existence of an important public sector and a free enterprise sector that has greatly increased over the past 10 years.

Healthcare expenses have been evaluated to 420 million euros. Since 1995, all Polynesians have had social healthcare coverage. Moreover, an interaction between preventive and medical care, the improvement of lifestyle and education, and the development of public structures such as drinking-water networks and wastewater treatment have improved the level of health indicators, despite the important rise of diseases linked to lifestyle (diabetes, obesity).

The Polynesian health system on Tahiti Island has one well-equipped university hospital centre with 436 beds, 2 private clinics, one secondary hospital, administered by the Health Directorate, with 44 beds for medico-obstetrics, public community clinics also administered by the Health Directorate and one growing free-enterprise sector with 193 physicians (as at 1 Jan 2007), corresponding to 114 per 100 000 inhabitants in Tahiti.

The global healthcare distribution currently (2007) is of 282 physicians per 100 000 inhabitants in Tahiti, and of 234 per 100 000 over the whole country, the actual distribution being very uneven (84% work on the island of Tahiti).

In addition to the above there are 7 specialised medical clinic departments combining care and prevention: Hygiene and Public Health, Mothers Care, Child Care, School Health, Dental care, Child and Youth Psychiatry, and Alcohol and Drug Addiction.

Registry structure and methods

The 8th Regional Conference of South Pacific Commission Health Directors organised in 1979 in Apia (Western Samoa) recommended the establishment of a cancer registry in each country of the region. To date, only two island countries have such a registry: Papua New Guinea (since 1958) and Fiji (since 1965). French Polynesia, as well as American Samoa and New Caledonia, immediately showed interest in having a common notification system for cancer cases. Other countries of the region have since adhered to this proposal.

Data collection started in French Polynesia in 1981, with the technical assistance of the South Pacific Commission, UCLA and the University of Hawaii Cancer Research Institute.

The cancer registry of French Polynesia is not an administrative independent body: it is managed by the Health Directorate, under the administrative responsibility of the Director.

Sources of cancer data include: Physicians voluntary notifications, pathology reports from the three existing laboratories, cytology reports from the biology laboratories, the computerised medical systems (PMSI) of the French Polynesia University Hospital Centre and private clinics, death certificates and the registry of repatriation towards France or New Zealand and the long-diseases registry of the Social Security system.

Some physicians are often reluctant to reveal the names of their cancer patients. However, follow-up of identified cases has improved thanks to the above PMSI.

Data is coded according to Version 3 of the WHO International Classification of Diseases for Oncology. A patient with two distinct tumours will be entered twice. The crude registry data are analysed on a yearly basis (number of cases declared and distribution). A 5-year synthesis is performed regularly.

Interpreting the data

Cancer currently is the second-leading cause of death in Polynesia (23% of certified deaths), following cardiovascular diseases. In the majority of cases, cancer treatment leads to medical repatriation towards France or New Zealand, once the diagnosis has been confirmed by one of the of the country's three pathology laboratories. Only basic chemotherapy protocols and surgery of some tumours take place locally.

Use of the data

The registry's current task is limited to basic descriptive analysis of the distribution by sex and age of the main cancer incidence in French Polynesia.

Sources:
- French Polynesian Institute of Statistics
- Department of Health Care Planning, Health Directorate, French Polynesia
- Cancer Registry of French Polynesia, Health Directorate, French Polynesia

Source of population
Estimated annual median population. Institut de la Statistique de Polynésie Française (I.S.P.F.). 2002: General census of the population in French Polynesia, November 2002.

Multiple primary rules used
IACR rules (1990).

New Zealand

Registration area

New Zealand is situated in the South Pacific Ocean, 1600 km southeast of Australia. It is a long mountainous country surrounded by a large expanse of ocean, and consists of two main land masses: the North Island and the South Island. The total land area (including offshore islands) is 270 534 km^2. In 2001, 75% of the population lived in the North Island, and more than 30% of the population lived in the Auckland region. New Zealand is one of the most urbanised countries in the world—approximately 85% of New Zealand's 2001 Census usual population count lived in an urban area.

In 2001, 80% of New Zealanders identified as European and 14.7% identified as Maori. The other main ethnic groups were Asian (6.6%) and Pacific Peoples (6.5%).

Cancer care facilities

Cancer care in New Zealand is predominantly state-funded, supplemented by private hospitals and private practitioners. Cancer surgery and chemotherapy services are provided in the main centres of population; there are six radiotherapy centres.

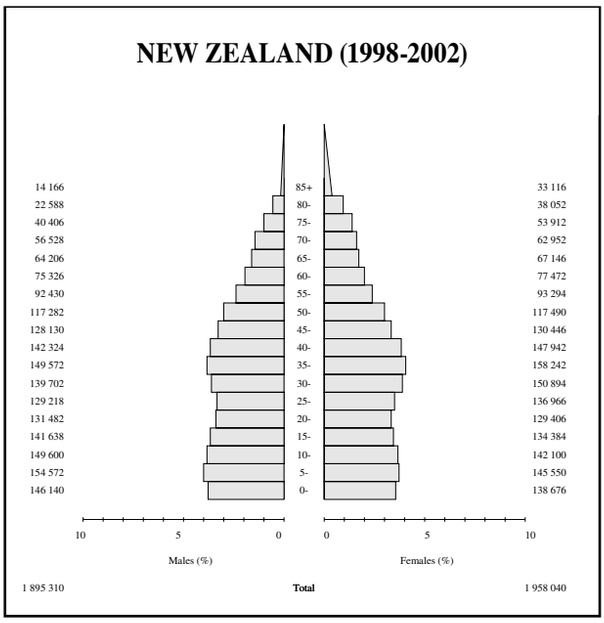
Registry structure and methods

The New Zealand Cancer Registry is located in the New Zealand Health Information Service (NZHIS), which is a unit of the New Zealand Ministry of Health in Wellington. The registry has operated since 1948. The New Zealand Cancer Registry is staffed by seven clinical coders and two support staff. Honorary consultants include pathologists, epidemiologists and oncologists.

Since 1994, laboratories have been the primary source of cancer notifications to the New Zealand Cancer Registry. Laboratories are required by law to report any new diagnosis of cancer in New Zealand, excluding squamous and basal cell skin cancers. Additional data sources include Medical Certificates of Causes of Death, Coroners' Findings, and public and private hospital discharge data received in electronic form.

All cancer registrations are coded by registry staff. Quality control procedures include computerised validation checks at data input, and rigorous edit checks on pre-publication incidence data.

The New Zealand Cancer Registry carries out internal and external audits from time to time. We last had a review by an external auditor in 2005.



Use of the data

Cancer registry data are used to monitor the burden of disease and to assess the impact of screening programmes, and as a resource for cancer research. The New Zealand Health Information Service produces an annual cancer publication containing information about cancer incidence and trends. The registry provides data for epidemiological research and identifies cases for ethics-approved case-control studies. Cancer registry data is also used by Genetics Services centres to assist in identifying familial cancers. Policymakers use our cancer registry data for planning and evaluation of health services.

Source of population

Annual estimates of the "usually resident population" supplied by Statistics New Zealand, based on a five–yearly census and taking into account births, deaths and migration.

Multiple primary rules used

IACR rules (2004) on CI5 IX period.

USA, Hawaii

Registration area
The Hawai'i Tumor Registry (HTR) is an active cancer surveillance monitoring system for the entire US state of Hawai'i, consisting of 8 major and 124 minor islands, covering 1367 miles from tip to tip. The resident population in 2005 was approximately 1 275 000, with the majority of residents living on the island of O'ahu.

Cancer care facilities
As the central statewide collection point for cancer data, the HTR receives data from collaborating hospitals maintaining their own hospital-based Tumor Registries. HTR staff also gathers data from other facilities, in addition to cases from oncology clinics, pathology labs, private physicians and radiation oncology facilities. The HTR database currently contains 137 591 reportable resident cases.

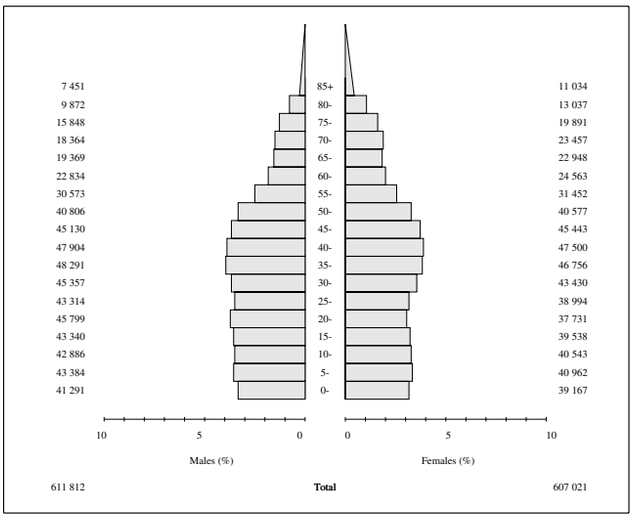
Registry structure and methods
The Hawai'i Tumor Registry (HTR) maintains a database of information on all cases of cancer diagnosed in the State of Hawai'i. It provides complete cancer reporting for the entire state and serves as a resource for nearly all epidemiologic cancer research and cancer control activities in Hawai'i. HTR collects the required SEER demographic and diagnostic items for all malignancies diagnosed in the state. Patients are followed annually during their lifetime. To ensure accuracy, strict quality control and assurance procedures have been established.

The HTR was established in 1960 by the Hawai'i Medical Association (HMA), the Hawai'i State Department of Health (DOH) and the Hawai'i Pacific Division of the American Cancer Society (ACS). Presently, HTR is jointly operated by the Cancer Research Center of Hawai'i and DOH, and became a member of the National Cancer Institute, Surveillance, Epidemiology and End Results (NCI/SEER) program in 1973. HTR has received its primary financial support from the National Cancer Institute through its Surveillance, Epidemiology and End Results (NCI/SEER) Program, with additional funding from a DOH fee-for-service contract.

Interpreting the results
In its years of operation, HTR has been a major source of cancer data and information, locally, nationally and internationally. HTR data collected for diagnosis years 1973–2003 are complete. There is some difference in incidence rates between males and females and among several ethnic groups. Hawai'i is unique in that its population is racially diverse, with no one ethnicity in the majority.

Use of the data
Hawai'i statistics on a wide variety of malignancies are available to the research community world wide. The most recently available statistical publication, *Hawai'i Cancer Facts & Figures 2003-2004*, is available for download at http://www.crch.org/Cancer0304.pdf. The publication provides an overview of cancer, a discussion of the impact of gender and age and racial/ethnic disparities in cancer, and an analysis of six major cancer sites by race/ethnicity.

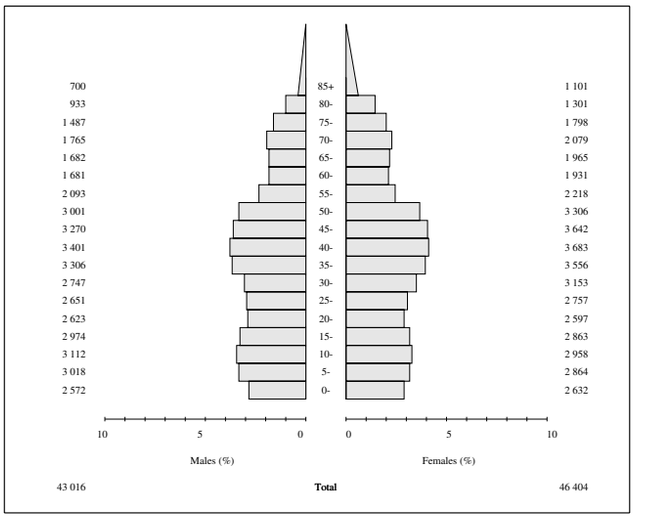
USA, HAWAII (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census.
http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period

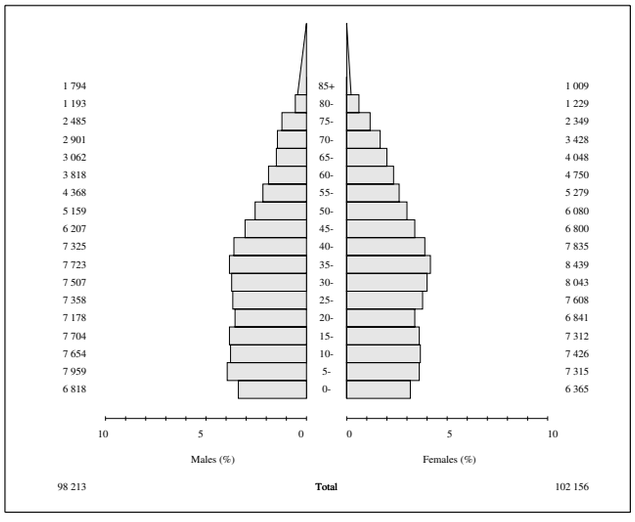
USA, HAWAII: CHINESE (1998-2002)



Source of population
State and County Intercensal Population Estimates : 1990 to 2000. Source: Population Division, U.S. Census Bureau, Washington, DC 20233 (http://www.hawaii.gov/dbedt/).

Multiple primary rules used
IACR rules (2004) on CI5 IX period

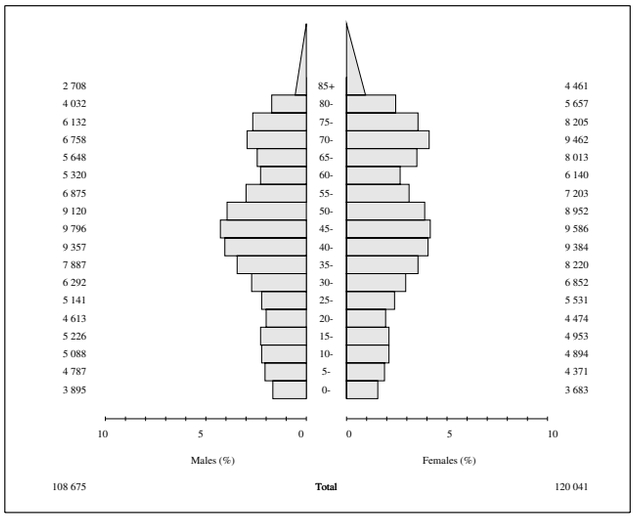
USA, HAWAII: FILIPINO (1998-2002)



Source of population
State and County Intercensal Population Estimates : 1990 to 2000. Source: Population Division, U.S. Census Bureau, Washington, DC 20233 (http://www.hawaii.gov/dbedt/).

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

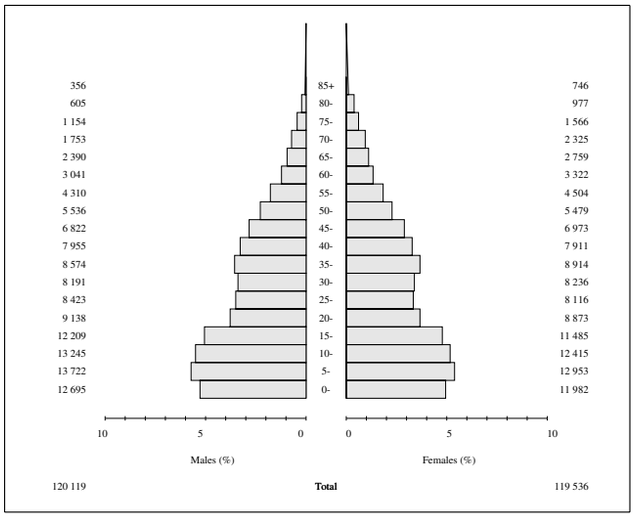
USA, HAWAII: JAPANESE (1998-2002)



Source of population
State and County Intercensal Population Estimates : 1990 to 2000. Source: Population Division, U.S. Census Bureau, Washington, DC 20233 (http://www.hawaii.gov/dbedt/).

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

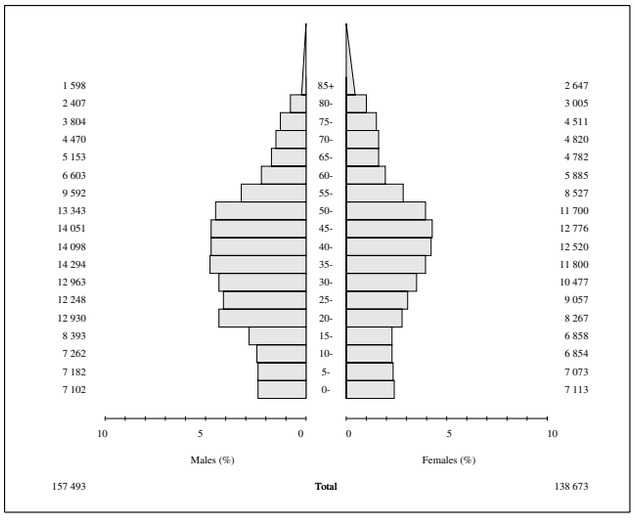
USA, HAWAII: HAWAIIAN (1998-2002)



Source of population
State and County Intercensal Population Estimates : 1990 to 2000. Source: Population Division, U.S. Census Bureau, Washington, DC 20233 (http://www.hawaii.gov/dbedt/).

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

USA, HAWAII: WHITE (1998-2002)



Source of population
July 1 county population estimates by age, sex, race, and Hispanic origin; postcensal estimates based on 2000 United States Census. The population data include the bridged single–race estimates derived from the original multiple–race categories in the 2000 United States Census.
http://www.seer.cancer.gov/popdata.

Multiple primary rules used
IACR rules (2004) on CI5 IX period.

The Tables

Age-standardized and cumulative incidence rates (three-digit rubrics)

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Lip (C00)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	17	**0.9**	*0.23*	-	-	1	**0.0**	*0.05*	-	- *
Egypt, Gharbiah	21	**0.4**	*0.10*	-	-	6	**0.1**	*0.04*	-	-
Tunisia, Centre, Sousse	12	**1.2**	*0.36*	-	-	2	**0.2**	*0.14*	-	- *
Uganda, Kyadondo County	0	**-**	-	-	-	2	**0.2**	*0.16*	-	- *
Zimbabwe, Harare: African	1	**0.1**	*0.13*	-	-	1	**0.1**	*0.15*	-	- *
America, Central and South										
Argentina, Bahia Blanca	12	**1.5**	*0.45*	0.15	*0.05*	1	**0.1**	*0.11*	0.01	*0.01*
Brazil, Brasilia	29	**1.5**	*0.29*	0.16	*0.04*	13	**0.5**	*0.15*	0.05	*0.02*
Brazil, Cuiaba	10	**1.4**	*0.46*	0.17	*0.07*	1	**0.2**	*0.19*	0.03	*0.03*
Brazil, Goiania	23	**1.5**	*0.32*	0.15	*0.04*	12	**0.7**	*0.20*	0.07	*0.03*
Brazil, Sao Paulo	356	**1.7**	*0.09*	0.18	*0.01*	117	**0.4**	*0.04*	0.05	*0.01*
Chile, Valdivia	2	**0.2**	*0.17*	0.02	*0.02*	0	**-**	-	-	-
Colombia, Cali	14	**0.4**	*0.11*	0.04	*0.01*	5	**0.1**	*0.06*	0.02	*0.01*
Costa Rica	6	**0.1**	*0.03*	0.01	*0.00*	4	**0.1**	*0.03*	0.01	*0.00*
Ecuador, Quito	3	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	-	-
France, La Martinique	2	**0.2**	*0.15*	0.02	*0.02*	2	**0.1**	*0.10*	0.01	*0.01*
Peru, Trujillo	6	**0.8**	*0.32*	0.15	*0.07*	3	**0.3**	*0.16*	0.05	*0.04* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	1423	**1.7**	*0.05*	0.19	*0.01*	410	**0.4**	*0.02*	0.04	*0.00*
Canada, Alberta	167	**1.8**	*0.14*	0.20	*0.02*	42	**0.4**	*0.07*	0.06	*0.01*
Canada, British Columbia	122	**0.8**	*0.07*	0.10	*0.01*	39	**0.2**	*0.03*	0.02	*0.01*
Canada, Manitoba	195	**4.4**	*0.34*	0.49	*0.05*	50	**0.9**	*0.15*	0.10	*0.02*
Canada, New Brunswick	60	**2.2**	*0.29*	0.27	*0.04*	7	**0.2**	*0.08*	0.02	*0.01*
Canada, Newfoundland and Labrador	137	**7.0**	*0.62*	0.81	*0.09*	27	**1.0**	*0.21*	0.10	*0.03*
Canada, Northwest Territories	1	**1.8**	*1.77*	0.44	*0.44*	0	**-**	-	-	-
Canada, Nova Scotia	80	**2.3**	*0.27*	0.24	*0.03*	26	**0.6**	*0.12*	0.08	*0.02*
Canada, Ontario	521	**1.3**	*0.06*	0.14	*0.01*	187	**0.3**	*0.03*	0.03	*0.00*
Canada, Prince Edward Island	9	**1.6**	*0.57*	0.19	*0.08*	4	**0.7**	*0.40*	0.10	*0.06*
Canada, Saskatchewan	131	**2.9**	*0.28*	0.34	*0.04*	28	**0.5**	*0.11*	0.05	*0.01*
USA, Alabama	263	**1.8**	*0.11*	0.22	*0.02*	56	**0.3**	*0.04*	0.04	*0.01*
USA, Alabama: Black	3	**0.1**	*0.07*	0.02	*0.01*	3	**0.1**	*0.05*	0.01	*0.01*
USA, Alabama: White	259	**2.2**	*0.14*	0.26	*0.02*	51	**0.3**	*0.05*	0.04	*0.01*
USA, Alaska	12	**0.8**	*0.23*	0.09	*0.04*	3	**0.1**	*0.08*	0.01	*0.00*
USA, Arizona	128	**0.7**	*0.06*	0.07	*0.01*	33	**0.1**	*0.02*	0.01	*0.00*
USA, California	1219	**1.2**	*0.03*	0.14	*0.00*	385	**0.3**	*0.02*	0.03	*0.00*
USA, California: Asian and Pacific Islander	16	**0.1**	*0.04*	0.02	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
USA, California: Black	7	**0.1**	*0.05*	0.01	*0.01*	6	**0.1**	*0.04*	0.01	*0.01*
USA, California: Hispanic White	84	**0.5**	*0.06*	0.05	*0.01*	27	**0.1**	*0.03*	0.01	*0.00*
USA, California: Non-Hispanic White	1073	**1.6**	*0.05*	0.19	*0.01*	329	**0.4**	*0.02*	0.04	*0.00*
USA, California, Greater San Francisco Bay Area	196	**0.9**	*0.07*	0.10	*0.01*	73	**0.3**	*0.03*	0.03	*0.00*
USA, California, Greater San Francisco Bay Area: Black	0	**-**	-	-	-	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Chinese	1	**0.0**	*0.03*	-	-	1	**0.1**	*0.06*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Filipino	0	**-**	-	-	-	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Japanese	0	**-**	-	-	-	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	10	**0.4**	*0.14*	0.06	*0.02*	4	**0.1**	*0.07*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	174	**1.3**	*0.10*	0.14	*0.01*	64	**0.4**	*0.05*	0.04	*0.01*
USA, California, Los Angeles County	221	**0.8**	*0.06*	0.09	*0.01*	76	**0.2**	*0.02*	0.02	*0.00*
USA, California, Los Angeles County: Black	4	**0.2**	*0.08*	0.02	*0.01*	6	**0.2**	*0.08*	0.02	*0.01*
USA, California, Los Angeles County: Chinese	2	**0.2**	*0.16*	0.03	*0.02*	0	**-**	-	-	-
USA, California, Los Angeles County: Filipino	1	**0.1**	*0.08*	-	-	0	**-**	-	-	-
USA, California, Los Angeles County: Japanese	0	**-**	-	-	-	0	**-**	-	-	-
USA, California, Los Angeles County: Korean	0	**-**	-	-	-	0	**-**	-	-	-
USA, California, Los Angeles County: Hispanic White	36	**0.6**	*0.10*	0.07	*0.01*	12	**0.1**	*0.04*	0.02	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	171	**1.3**	*0.11*	0.15	*0.01*	56	**0.3**	*0.04*	0.03	*0.01*
USA, Colorado	133	**1.0**	*0.09*	0.11	*0.01*	38	**0.2**	*0.04*	0.02	*0.01*
USA, Connecticut	43	**0.3**	*0.06*	0.04	*0.01*	17	**0.1**	*0.03*	0.01	*0.00*
USA, Connecticut: Black	0	**-**	-	-	-	0	**-**	-	-	-
USA, Connecticut: White	41	**0.4**	*0.06*	0.04	*0.01*	15	**0.1**	*0.03*	0.01	*0.00*
USA, District of Columbia	2	**0.2**	*0.11*	0.02	*0.02*	1	**0.0**	*0.02*	-	-
USA, District of Columbia: Black	1	**0.1**	*0.13*	0.02	*0.02*	0	**-**	-	-	-
USA, District of Columbia: White	1	**0.2**	*0.24*	0.04	*0.04*	1	**0.1**	*0.09*	-	-
USA, Florida	504	**0.8**	*0.04*	0.08	*0.00*	200	**0.2**	*0.02*	0.02	*0.00*
USA, Florida: Black	2	**0.0**	*0.02*	0.00	*0.00*	1	**0.0**	*0.01*	-	-
USA, Florida: White	497	**0.9**	*0.04*	0.09	*0.01*	196	**0.3**	*0.02*	0.03	*0.00*
USA, Georgia	171	**0.8**	*0.06*	0.08	*0.01*	45	**0.1**	*0.02*	0.02	*0.00*
USA, Georgia: Black	5	**0.1**	*0.04*	0.01	*0.01*	5	**0.1**	*0.03*	0.01	*0.00*
USA, Georgia: White	165	**0.9**	*0.07*	0.10	*0.01*	40	**0.2**	*0.03*	0.02	*0.00*
USA, Georgia, Atlanta	19	**0.2**	*0.06*	0.02	*0.01*	6	**0.1**	*0.03*	0.01	*0.00*
USA, Georgia, Atlanta: Black	0	**-**	-	-	-	2	**0.1**	*0.07*	0.01	*0.01*
USA, Georgia, Atlanta: White	19	**0.3**	*0.08*	0.03	*0.01*	4	**0.0**	*0.03*	0.01	*0.00*
USA, Idaho	140	**3.2**	*0.28*	0.37	*0.04*	25	**0.5**	*0.11*	0.05	*0.01*
USA, Illinois	309	**0.7**	*0.04*	0.08	*0.01*	85	**0.2**	*0.02*	0.02	*0.00*
USA, Illinois: Black	2	**0.0**	*0.03*	0.01	*0.01*	3	**0.1**	*0.03*	0.01	*0.00*
USA, Illinois: White	294	**0.8**	*0.05*	0.09	*0.01*	75	**0.2**	*0.02*	0.02	*0.00*
USA, Indiana	241	**1.2**	*0.08*	0.15	*0.01*	52	**0.2**	*0.03*	0.02	*0.00*
USA, Iowa	263	**2.2**	*0.15*	0.25	*0.02*	54	**0.3**	*0.06*	0.04	*0.01*
USA, Kentucky	231	**1.7**	*0.12*	0.19	*0.02*	51	**0.3**	*0.04*	0.03	*0.01*
USA, Louisiana	171	**1.3**	*0.10*	0.17	*0.01*	32	**0.2**	*0.03*	0.02	*0.00*
USA, Louisiana: Black	4	**0.1**	*0.07*	0.02	*0.01*	3	**0.1**	*0.04*	0.00	*0.00*
USA, Louisiana: White	166	**1.7**	*0.13*	0.21	*0.02*	29	**0.2**	*0.04*	0.02	*0.01*
USA, Louisiana, New Orleans: Black	1	**0.1**	*0.13*	0.02	*0.02*	1	**0.0**	*0.04*	-	-
USA, Louisiana, New Orleans: White	17	**0.9**	*0.22*	0.11	*0.03*	5	**0.1**	*0.04*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Lip (C00) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	77	**1.5**	*0.18*	0.20	*0.03*	33	**0.5**	*0.09*	0.06	*0.01*
USA, Massachusetts	149	**0.7**	*0.06*	0.08	*0.01*	63	**0.2**	*0.03*	0.02	*0.00*
USA, Michigan	292	**0.9**	*0.05*	0.11	*0.01*	113	**0.2**	*0.03*	0.03	*0.00*
USA, Michigan: Black	5	**0.1**	*0.06*	0.01	*0.00*	7	**0.2**	*0.06*	0.02	*0.01*
USA, Michigan: White	270	**0.9**	*0.06*	0.11	*0.01*	102	**0.2**	*0.03*	0.03	*0.00*
USA, Michigan, Detroit	95	**0.7**	*0.08*	0.08	*0.01*	42	**0.2**	*0.04*	0.02	*0.01*
USA, Michigan, Detroit: Black	4	**0.1**	*0.07*	0.01	*0.01*	5	**0.2**	*0.07*	0.02	*0.01*
USA, Michigan, Detroit: White	88	**0.8**	*0.09*	0.10	*0.01*	37	**0.2**	*0.04*	0.02	*0.01*
USA, Missouri	271	**1.4**	*0.09*	0.16	*0.01*	54	**0.2**	*0.03*	0.02	*0.00*
USA, Missouri: Black	0	**-**	-	-	-	0	**-**	-	-	-
USA, Missouri: White	268	**1.5**	*0.09*	0.18	*0.01*	54	**0.2**	*0.03*	0.03	*0.00*
USA, Montana	74	**2.1**	*0.25*	0.22	*0.03*	13	**0.2**	*0.08*	0.03	*0.01*
USA, NPCR	7085	**0.9**	*0.01*	0.11	*0.00*	2112	**0.2**	*0.00*	0.02	*0.00*
USA, NPCR: Black	63	**0.1**	*0.01*	0.01	*0.00*	40	**0.0**	*0.01*	0.00	*0.00*
USA, NPCR: White	6786	**1.0**	*0.01*	0.12	*0.00*	1974	**0.2**	*0.01*	0.02	*0.00*
USA, New Jersey	140	**0.5**	*0.04*	0.04	*0.01*	68	**0.2**	*0.02*	0.02	*0.00*
USA, New Jersey: Black	2	**0.1**	*0.05*	0.01	*0.01*	3	**0.1**	*0.05*	0.01	*0.01*
USA, New Jersey: White	135	**0.5**	*0.05*	0.05	*0.01*	64	**0.2**	*0.02*	0.02	*0.00*
USA, New Mexico	177	**3.0**	*0.23*	0.36	*0.03*	36	**0.5**	*0.09*	0.05	*0.01*
USA, New Mexico: American Indian	5	**1.6**	*0.75*	0.24	*0.12*	0	**-**	-	-	-
USA, New Mexico: Hispanic White	23	**1.1**	*0.24*	0.11	*0.03*	5	**0.2**	*0.09*	0.01	*0.01*
USA, New Mexico: Non-Hispanic White	149	**4.2**	*0.37*	0.52	*0.05*	31	**0.7**	*0.14*	0.08	*0.02*
USA, New York State	284	**0.4**	*0.03*	0.04	*0.00*	137	**0.1**	*0.01*	0.01	*0.00*
USA, New York State: Black	9	**0.1**	*0.04*	0.01	*0.00*	4	**0.0**	*0.02*	0.00	*0.00*
USA, New York State: White	274	**0.5**	*0.03*	0.05	*0.00*	130	**0.2**	*0.02*	0.02	*0.00*
USA, Ohio	166	**0.4**	*0.03*	0.05	*0.00*	73	**0.1**	*0.02*	0.01	*0.00*
USA, Ohio: Black	2	**0.1**	*0.04*	0.01	*0.01*	0	**-**	-	-	-
USA, Ohio: White	155	**0.4**	*0.04*	0.05	*0.01*	71	**0.1**	*0.02*	0.02	*0.00*
USA, Oklahoma	296	**2.4**	*0.15*	0.29	*0.02*	49	**0.3**	*0.05*	0.03	*0.01*
USA, Oregon	206	**1.6**	*0.12*	0.18	*0.02*	52	**0.3**	*0.05*	0.04	*0.01*
USA, Pennsylvania	258	**0.5**	*0.03*	0.06	*0.01*	101	**0.1**	*0.02*	0.01	*0.00*
USA, Pennsylvania: Black	2	**0.1**	*0.05*	0.01	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
USA, Pennsylvania: White	251	**0.6**	*0.04*	0.07	*0.01*	98	**0.1**	*0.02*	0.02	*0.00*
USA, Rhode Island	28	**0.6**	*0.13*	0.05	*0.02*	16	**0.3**	*0.08*	0.02	*0.01*
USA, SEER (9 Registries)	945	**1.1**	*0.04*	0.12	*0.01*	270	**0.2**	*0.02*	0.02	*0.00*
USA, SEER (9 Registries): Black	5	**0.1**	*0.03*	0.01	*0.00*	10	**0.1**	*0.04*	0.01	*0.01*
USA, SEER (9 Registries): White	909	**1.2**	*0.04*	0.14	*0.01*	251	**0.3**	*0.02*	0.03	*0.00*
USA, SEER (14 Registries)	2559	**1.1**	*0.02*	0.12	*0.00*	754	**0.2**	*0.01*	0.02	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	20	**0.1**	*0.03*	0.01	*0.00*	8	**0.0**	*0.01*	0.00	*0.00*
USA, SEER (14 Registries): Black	21	**0.1**	*0.02*	0.01	*0.00*	23	**0.1**	*0.02*	0.01	*0.00*
USA, SEER (14 Registries): Hispanic White	119	**0.5**	*0.05*	0.06	*0.01*	35	**0.1**	*0.02*	0.01	*0.00*
USA, SEER (14 Registries): Non-Hispanic White	2325	**1.3**	*0.03*	0.16	*0.00*	663	**0.3**	*0.01*	0.03	*0.00*
USA, South Carolina	135	**1.0**	*0.09*	0.12	*0.01*	27	**0.1**	*0.03*	0.01	*0.00*
USA, South Carolina: Black	2	**0.1**	*0.05*	0.00	*0.00*	1	**0.0**	*0.03*	0.00	*0.00*
USA, South Carolina: White	131	**1.3**	*0.11*	0.15	*0.02*	25	**0.2**	*0.03*	0.01	*0.00*
USA, Texas	724	**1.2**	*0.05*	0.14	*0.01*	158	**0.2**	*0.02*	0.02	*0.00*
USA, Texas: Black	7	**0.2**	*0.06*	0.02	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
USA, Texas: White	705	**1.3**	*0.05*	0.16	*0.01*	149	**0.2**	*0.02*	0.02	*0.00*
USA, Utah	76	**1.4**	*0.17*	0.18	*0.02*	12	**0.2**	*0.06*	0.02	*0.01*
USA, Vermont	22	**1.0**	*0.22*	0.12	*0.03*	4	**0.1**	*0.07*	0.02	*0.01*
USA, Washington State	200	**1.0**	*0.07*	0.12	*0.01*	69	**0.3**	*0.04*	0.03	*0.01*
USA, Washington, Seattle	105	**0.8**	*0.08*	0.09	*0.01*	41	**0.2**	*0.04*	0.02	*0.01*
USA, West Virginia	61	**0.8**	*0.11*	0.09	*0.02*	13	**0.1**	*0.04*	0.01	*0.00*
USA, Wisconsin	172	**0.9**	*0.07*	0.11	*0.01*	60	**0.2**	*0.04*	0.03	*0.01*
Asia										
Bahrain: Bahraini	3	**0.6**	*0.34*	0.05	*0.04*	0	**-**	-	-	-
China, Guangzhou City	4	**0.1**	*0.03*	0.01	*0.00*	1	**0.0**	*0.02*	0.00	*0.00**
China, Hong Kong	27	**0.1**	*0.03*	0.01	*0.00*	14	**0.1**	*0.02*	0.01	*0.00*
China, Jiashan	2	**0.1**	*0.10*	0.01	*0.01*	0	**-**	-	-	- *
China, Nangang District, Harbin City	2	**0.1**	*0.07*	0.01	*0.01*	3	**0.1**	*0.08*	0.01	*0.01*
China, Shanghai	22	**0.1**	*0.02*	0.01	*0.00*	14	**0.0**	*0.01*	0.01	*0.00**
China, Zhongshan	3	**0.1**	*0.05*	0.01	*0.01*	3	**0.1**	*0.03*	0.01	*0.01**
Cyprus	7	**0.3**	*0.11*	0.03	*0.01*	2	**0.1**	*0.06*	0.01	*0.01**
India, Chennai (Madras)	21	**0.2**	*0.05*	0.04	*0.01*	19	**0.2**	*0.05*	0.03	*0.01*
India, New Delhi	49	**0.2**	*0.04*	0.02	*0.00*	23	**0.1**	*0.03*	0.02	*0.00**
India, Karunagappally	8	**0.9**	*0.32*	0.08	*0.04*	1	**0.1**	*0.10*	0.01	*0.01*
India, Mumbai (Bombay)	82	**0.4**	*0.04*	0.04	*0.01*	41	**0.2**	*0.03*	0.03	*0.00*
India, Nagpur	16	**0.5**	*0.12*	0.06	*0.02*	9	**0.2**	*0.08*	0.03	*0.01**
India, Poona	39	**0.6**	*0.10*	0.07	*0.01*	22	**0.4**	*0.08*	0.04	*0.01**
India, Trivandrum	12	**0.4**	*0.13*	0.04	*0.01*	7	**0.3**	*0.10*	0.04	*0.01**
Israel	260	**1.6**	*0.10*	0.18	*0.01*	99	**0.5**	*0.05*	0.05	*0.01*
Israel: Jews	245	**1.6**	*0.11*	0.19	*0.01*	94	**0.5**	*0.06*	0.05	*0.01*
Israel: Non-Jews	14	**0.9**	*0.25*	0.12	*0.04*	5	**0.3**	*0.13*	0.03	*0.02*
Japan, Aichi Prefecture	3	**0.1**	*0.04*	0.01	*0.01*	0	**-**	-	-	-
Japan, Fukui Prefecture	4	**0.1**	*0.05*	0.02	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
Japan, Hiroshima	1	**0.0**	*0.03*	0.00	*0.00*	1	**0.0**	*0.02*	0.00	*0.00*
Japan, Miyagi Prefecture	8	**0.1**	*0.02*	0.01	*0.00*	7	**0.0**	*0.01*	0.00	*0.00*
Japan, Nagasaki Prefecture	7	**0.1**	*0.03*	0.01	*0.01*	5	**0.0**	*0.01*	-	-
Japan, Osaka Prefecture	13	**0.0**	*0.01*	0.00	*0.00*	13	**0.0**	*0.01*	0.00	*0.00*
Japan, Yamagata Prefecture	7	**0.1**	*0.05*	0.01	*0.00*	3	**0.0**	*0.01*	-	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Lip (C00) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	91	**0.1**	*0.01*	0.01	*0.00*	49	**0.0**	*0.01*	0.00	*0.00*
Korea, Busan	3	**0.0**	*0.03*	0.01	*0.01*	3	**0.0**	*0.02*	0.00	*0.00*
Korea, Daegu	4	**0.1**	*0.05*	0.00	*0.00*	1	**0.0**	*0.02*	0.00	*0.00*
Korea, Daejeon	0	**-**	-	-	-	0	**-**	-	-	-
Korea, Gwangju	0	**-**	-	-	-	1	**0.0**	*0.02*	-	-
Korea, Incheon	5	**0.1**	*0.05*	0.02	*0.01*	3	**0.1**	*0.03*	0.00	*0.00*
Korea, Jejudo	1	**0.1**	*0.11*	0.01	*0.01*	0	**-**	-	-	-
Korea, Seoul	25	**0.1**	*0.02*	0.02	*0.00*	10	**0.0**	*0.01*	0.00	*0.00*
Korea, Ulsan	0	**-**	-	-	-	0	**-**	-	-	-
Kuwait: Kuwaitis	3	**0.2**	*0.14*	0.04	*0.03*	2	**0.2**	*0.16*	-	-
Kuwait: Non-Kuwaitis	3	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	-	-
Malaysia, Penang	3	**0.2**	*0.10*	0.01	*0.01*	1	**0.0**	*0.05*	0.01	*0.01*
Malaysia, Sarawak	2	**0.1**	*0.04*	0.00	*0.00*	3	**0.1**	*0.05*	0.02	*0.01*
Oman: Omani	8	**0.5**	*0.19*	0.09	*0.04*	1	**0.1**	*0.08*	0.01	*0.01**
Pakistan, South Karachi	25	**0.9**	*0.19*	0.11	*0.03*	7	**0.4**	*0.16*	0.04	*0.02**
Philippines, Manila	0	**-**	-	-	-	3	**0.0**	*0.02*	0.00	*0.00**
Singapore	0	**-**	-	-	-	1	**0.0**	*0.01*	-	-
Singapore: Chinese	0	**-**	-	-	-	0	**-**	-	-	-
Singapore: Indian	0	**-**	-	-	-	0	**-**	-	-	-
Singapore: Malay	0	**-**	-	-	-	1	**0.1**	*0.15*	-	-
Thailand, Chiang Mai	10	**0.2**	*0.08*	0.03	*0.01*	17	**0.4**	*0.10*	0.04	*0.01**
Thailand, Lampang	6	**0.3**	*0.11*	0.03	*0.01*	13	**0.6**	*0.16*	0.05	*0.02**
Thailand, Songkhla	5	**0.2**	*0.08*	0.02	*0.01*	15	**0.4**	*0.11*	0.03	*0.01*
Turkey, Antalya	84	**2.9**	*0.32*	0.37	*0.05*	16	**0.6**	*0.14*	0.05	*0.02**
Turkey, Izmir	97	**1.3**	*0.13*	0.16	*0.02*	12	**0.2**	*0.04*	0.01	*0.01**
Europe										
Austria	224	**0.7**	*0.05*	0.09	*0.01*	85	**0.2**	*0.02*	0.02	*0.00*
Austria, Tyrol	23	**1.0**	*0.20*	0.11	*0.03*	8	**0.2**	*0.07*	0.03	*0.01*
Austria, Vorarlberg	12	**1.1**	*0.31*	0.12	*0.04*	2	**0.1**	*0.07*	0.02	*0.02*
Belarus	1190	**4.0**	*0.12*	0.51	*0.02*	374	**0.6**	*0.03*	0.07	*0.00**
Belgium, Antwerp	23	**0.4**	*0.08*	0.04	*0.01*	6	**0.0**	*0.02*	0.00	*0.00**
Belgium, Flanders	164	**0.8**	*0.06*	0.08	*0.01*	49	**0.2**	*0.03*	0.02	*0.00*
Bulgaria	1013	**3.0**	*0.10*	0.37	*0.01*	282	**0.5**	*0.03*	0.07	*0.01**
Croatia	386	**2.3**	*0.12*	0.27	*0.02*	156	**0.6**	*0.05*	0.06	*0.01*
Czech Republic	297	**0.8**	*0.05*	0.09	*0.01*	131	**0.2**	*0.02*	0.02	*0.00*
Denmark	318	**1.4**	*0.08*	0.16	*0.01*	105	**0.4**	*0.04*	0.05	*0.01*
Estonia	60	**1.3**	*0.17*	0.18	*0.03*	36	**0.4**	*0.07*	0.05	*0.01*
Finland	418	**2.0**	*0.10*	0.23	*0.02*	228	**0.6**	*0.05*	0.06	*0.01*
France, Bas-Rhin	9	**0.3**	*0.09*	0.05	*0.02*	10	**0.2**	*0.06*	0.03	*0.01*
France, Calvados	24	**1.0**	*0.21*	0.12	*0.03*	11	**0.3**	*0.10*	0.03	*0.01*
France, Doubs	0	**-**	-	-	-	0	**-**	-	-	-
France, Haut-Rhin	0	**-**	-	-	-	0	**-**	-	-	-
France, Herault	57	**1.4**	*0.20*	0.17	*0.03*	14	**0.2**	*0.06*	0.02	*0.01*
France, Isere	28	**0.6**	*0.12*	0.07	*0.02*	5	**0.1**	*0.03*	0.01	*0.01*
France, Loire-Atlantique	58	**1.3**	*0.18*	0.16	*0.03*	24	**0.3**	*0.07*	0.03	*0.01*
France, Manche	56	**2.7**	*0.40*	0.30	*0.05*	16	**0.4**	*0.11*	0.03	*0.01*
France, Somme	12	**0.5**	*0.16*	0.07	*0.03*	4	**0.1**	*0.06*	0.01	*0.01*
France, Tarn	21	**1.0**	*0.24*	0.10	*0.03*	5	**0.2**	*0.13*	0.02	*0.01*
France, Vendee	35	**1.3**	*0.23*	0.15	*0.03*	7	**0.2**	*0.07*	0.01	*0.01*
Germany, Brandenburg	79	**0.8**	*0.09*	0.10	*0.01*	9	**0.1**	*0.03*	0.01	*0.00*
Germany, Free State of Saxony	54	**0.3**	*0.04*	0.03	*0.01*	22	**0.1**	*0.01*	0.00	*0.00*
Germany, Hamburg	13	**0.2**	*0.05*	0.03	*0.01*	5	**0.0**	*0.02*	0.00	*0.00*
Germany, Mecklenburg-Western Pomerania	61	**0.9**	*0.13*	0.12	*0.02*	19	**0.2**	*0.04*	0.02	*0.01*
Germany, Munich	43	**0.5**	*0.07*	0.05	*0.01*	19	**0.1**	*0.03*	0.01	*0.00*
Germany, Northrhine-Westphalia: Munster	6	**0.0**	*0.02*	0.01	*0.00*	6	**0.0**	*0.02*	0.01	*0.00*
Germany, Saarland	33	**0.7**	*0.12*	0.08	*0.02*	6	**0.1**	*0.03*	0.01	*0.00*
Iceland	11	**1.1**	*0.36*	0.13	*0.05*	4	**0.2**	*0.12*	0.02	*0.02*
Ireland	118	**1.0**	*0.09*	0.12	*0.01*	13	**0.1**	*0.03*	0.01	*0.00*
Italy, Biella Province	6	**0.7**	*0.29*	0.05	*0.03*	0	**-**	-	-	-
Italy, Brescia Province	12	**0.4**	*0.12*	0.04	*0.02*	5	**0.1**	*0.04*	0.01	*0.01*
Italy, Ferrara Province	56	**2.7**	*0.39*	0.38	*0.06*	12	**0.3**	*0.12*	0.03	*0.02*
Italy, Florence and Prato	77	**1.2**	*0.14*	0.15	*0.02*	8	**0.1**	*0.03*	0.01	*0.00*
Italy, Genoa Province	17	**0.8**	*0.23*	0.08	*0.02*	4	**0.1**	*0.04*	0.02	*0.01*
Italy, Macerata Province	3	**0.2**	*0.10*	-	-	0	**-**	-	-	-
Italy, Milan	24	**0.4**	*0.09*	0.04	*0.01*	7	**0.1**	*0.04*	0.01	*0.00*
Italy, Modena Province	3	**0.1**	*0.05*	0.00	*0.00*	1	**0.0**	*0.02*	0.01	*0.01*
Italy, Naples	16	**1.0**	*0.26*	0.14	*0.04*	1	**0.1**	*0.07*	0.01	*0.01*
Italy, North East Cancer Surveillance Network	171	**1.6**	*0.13*	0.19	*0.02*	53	**0.3**	*0.07*	0.03	*0.01*
Italy, Parma Province	14	**0.6**	*0.16*	0.07	*0.03*	6	**0.3**	*0.13*	0.03	*0.02*
Italy, Ragusa Province	30	**2.6**	*0.50*	0.27	*0.06*	3	**0.1**	*0.05*	-	-
Italy, Reggio Emilia Province	11	**0.4**	*0.13*	0.06	*0.02*	1	**0.1**	*0.07*	0.01	*0.01*
Italy, Romagna Region	8	**0.1**	*0.05*	0.02	*0.01*	1	**0.0**	*0.01*	-	-
Italy, Salerno Province	24	**0.7**	*0.15*	0.09	*0.02*	4	**0.1**	*0.05*	0.02	*0.01*
Italy, Sassari Province	40	**1.9**	*0.31*	0.21	*0.05*	5	**0.2**	*0.08*	0.03	*0.02*
Italy, Syracuse Province	10	**0.8**	*0.27*	0.09	*0.03*	0	**-**	-	-	-
Italy, Sondrio	0	**-**	-	-	-	1	**0.0**	*0.03*	-	-
Italy, Torino	27	**0.6**	*0.12*	0.08	*0.02*	6	**0.1**	*0.04*	0.00	*0.00*
Italy, Umbria Region	52	**0.9**	*0.14*	0.11	*0.02*	15	**0.1**	*0.04*	0.01	*0.01*
Italy, Varese Province	26	**1.2**	*0.25*	0.14	*0.03*	3	**0.1**	*0.04*	0.01	*0.01*
Italy, Veneto Region	132	**1.7**	*0.15*	0.21	*0.02*	40	**0.3**	*0.05*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors
Lip (C00) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	111	**1.4**	*0.14*	0.16	*0.02*	48	**0.3**	*0.05*	0.03	*0.01*
Lithuania	277	**2.5**	*0.15*	0.29	*0.02*	76	**0.3**	*0.04*	0.04	*0.01*
Malta	38	**2.8**	*0.47*	0.36	*0.07*	5	**0.2**	*0.12*	0.02	*0.02*
Norway	255	**1.4**	*0.09*	0.15	*0.01*	82	**0.4**	*0.05*	0.05	*0.01*
Poland, Cracow	24	**1.0**	*0.20*	0.14	*0.03*	7	**0.2**	*0.06*	0.02	*0.01**
Poland, Kielce	202	**4.6**	*0.34*	0.55	*0.05*	42	**0.6**	*0.11*	0.07	*0.01*
Poland, Warsaw City	48	**0.7**	*0.10*	0.09	*0.02*	23	**0.2**	*0.05*	0.02	*0.01*
Portugal, Porto	204	**1.9**	*0.14*	0.22	*0.02*	109	**0.7**	*0.07*	0.08	*0.01**
Portugal, South Regional	196	**1.7**	*0.13*	0.19	*0.02*	50	**0.3**	*0.05*	0.03	*0.01*
Russia, St Petersburg	112	**0.8**	*0.07*	0.10	*0.01*	36	**0.1**	*0.03*	0.01	*0.00*
Serbia	455	**2.4**	*0.12*	0.31	*0.02*	147	**0.6**	*0.05*	0.07	*0.01*
Slovak Republic	335	**2.1**	*0.12*	0.26	*0.02*	106	**0.4**	*0.04*	0.05	*0.01*
Slovenia	97	**1.4**	*0.14*	0.16	*0.02*	32	**0.3**	*0.06*	0.03	*0.01*
Spain, Albacete	109	**8.8**	*0.92*	1.05	*0.12*	9	**0.5**	*0.20*	0.04	*0.02*
Spain, Asturias	68	**1.2**	*0.15*	0.12	*0.02*	23	**0.2**	*0.06*	0.02	*0.01*
Spain, Basque Country	194	**2.6**	*0.19*	0.32	*0.03*	29	**0.2**	*0.04*	0.02	*0.01*
Spain, Canary Islands	219	**4.7**	*0.33*	0.56	*0.05*	39	**0.6**	*0.11*	0.07	*0.01*
Spain, Cuenca	102	**9.0**	*1.04*	1.11	*0.14*	18	**0.8**	*0.24*	0.06	*0.03*
Spain, Girona	92	**3.8**	*0.42*	0.44	*0.06*	18	**0.5**	*0.13*	0.05	*0.02*
Spain, Granada	307	**9.8**	*0.59*	1.28	*0.08*	44	**1.0**	*0.17*	0.13	*0.02*
Spain, Murcia	291	**7.4**	*0.45*	0.90	*0.06*	27	**0.4**	*0.09*	0.05	*0.01*
Spain, Navarra	133	**5.2**	*0.48*	0.65	*0.07*	19	**0.4**	*0.10*	0.04	*0.02*
Spain, Tarragona	74	**3.3**	*0.42*	0.41	*0.06*	10	**0.2**	*0.09*	0.01	*0.01*
Spain, Zaragoza	99	**2.6**	*0.28*	0.33	*0.04*	8	**0.1**	*0.05*	0.01	*0.01*
Sweden	508	**1.1**	*0.06*	0.12	*0.01*	265	**0.5**	*0.04*	0.05	*0.00*
Switzerland, Geneva	12	**0.8**	*0.24*	0.10	*0.03*	4	**0.2**	*0.12*	0.03	*0.02*
Switzerland, Graubunden and Glarus	25	**2.4**	*0.52*	0.21	*0.06*	4	**0.4**	*0.22*	0.05	*0.03*
Switzerland, Neuchatel	0	**-**	-	-	-	0	**-**	-	-	-
Switzerland, St Gall-Appenzell	28	**1.5**	*0.30*	0.19	*0.04*	5	**0.1**	*0.06*	0.02	*0.01*
Switzerland, Ticino	2	**0.2**	*0.12*	0.01	*0.01*	0	**-**	-	-	-
Switzerland, Valais	2	**0.2**	*0.14*	0.04	*0.03*	0	**-**	-	-	-
Switzerland, Vaud	17	**0.6**	*0.15*	0.07	*0.02*	5	**0.1**	*0.06*	0.02	*0.01*
The Netherlands	743	**1.3**	*0.05*	0.16	*0.01*	237	**0.3**	*0.02*	0.03	*0.00*
The Netherlands, Eindhoven	64	**1.7**	*0.21*	0.21	*0.03*	18	**0.4**	*0.10*	0.04	*0.01*
The Netherlands, Maastricht	22	**0.6**	*0.13*	0.07	*0.02*	7	**0.2**	*0.10*	0.01	*0.01*
UK, East of England Region	110	**0.9**	*0.09*	0.11	*0.01*	34	**0.2**	*0.04*	0.02	*0.01*
UK, England, Merseyside and Cheshire	24	**0.2**	*0.05*	0.03	*0.01*	11	**0.1**	*0.03*	0.01	*0.00*
UK, England, North Western	29	**0.2**	*0.03*	0.02	*0.00*	23	**0.1**	*0.03*	0.01	*0.00*
UK, England, Northern and Yorkshire	210	**0.7**	*0.05*	0.08	*0.01*	114	**0.3**	*0.03*	0.03	*0.00*
UK, England, Oxford Region	88	**0.9**	*0.09*	0.10	*0.01*	37	**0.3**	*0.05*	0.04	*0.01*
UK, England, South and Western Regions	127	**0.4**	*0.04*	0.05	*0.01*	65	**0.1**	*0.02*	0.01	*0.00*
UK, England, Thames	79	**0.2**	*0.02*	0.02	*0.00*	59	**0.1**	*0.01*	0.01	*0.00*
UK, England, Trent	53	**0.3**	*0.04*	0.03	*0.01*	16	**0.1**	*0.02*	0.01	*0.00*
UK, England, West Midlands	65	**0.3**	*0.04*	0.03	*0.01*	23	**0.1**	*0.02*	0.01	*0.00*
UK, Northern Ireland	74	**1.3**	*0.15*	0.14	*0.02*	16	**0.1**	*0.04*	0.02	*0.01*
UK, Scotland	238	**1.1**	*0.08*	0.13	*0.01*	90	**0.3**	*0.04*	0.03	*0.00*
Oceania										
Australia, New South Wales	884	**4.0**	*0.14*	0.41	*0.02*	351	**1.2**	*0.07*	0.13	*0.01*
Australia, Northern Territory	29	**5.5**	*1.08*	0.58	*0.15*	9	**2.6**	*0.96*	0.39	*0.18*
Australia, Queensland	862	**7.4**	*0.26*	0.78	*0.03*	322	**2.3**	*0.14*	0.27	*0.02*
Australia, South	475	**8.8**	*0.42*	0.94	*0.05*	155	**2.0**	*0.19*	0.20	*0.02*
Australia, Tasmania	158	**9.5**	*0.79*	1.02	*0.10*	55	**2.4**	*0.37*	0.26	*0.05*
Australia, Victoria	878	**5.4**	*0.19*	0.59	*0.02*	371	**1.7**	*0.10*	0.19	*0.01*
Australia, Western	325	**5.4**	*0.31*	0.58	*0.04*	127	**1.8**	*0.17*	0.18	*0.02*
Australian Capital Territory	16	**1.6**	*0.42*	0.19	*0.06*	6	**0.5**	*0.20*	0.03	*0.02*
French Polynesia	1	**0.3**	*0.26*	0.03	*0.03*	0	**-**	-	-	-
New Zealand	144	**1.1**	*0.10*	0.12	*0.01*	74	**0.4**	*0.06*	0.05	*0.01*
USA, Hawaii	16	**0.4**	*0.10*	0.04	*0.01*	9	**0.2**	*0.06*	0.02	*0.01*
USA, Hawaii: Chinese	1	**0.1**	*0.13*	-	-	1	**0.3**	*0.33*	0.03	*0.03*
USA, Hawaii: Filipino	0	**-**	-	-	-	0	**-**	-	-	-
USA, Hawaii: Hawaiian	1	**0.3**	*0.26*	0.03	*0.03*	0	**-**	-	-	-
USA, Hawaii: Japanese	0	**-**	-	-	-	3	**0.1**	*0.05*	0.01	*0.01*
USA, Hawaii: White	12	**0.9**	*0.28*	0.08	*0.03*	5	**0.4**	*0.21*	0.06	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Tongue (C01-02)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	3	**0.2**	*0.10*	-	-	2	**0.1**	*0.08*	-	- *
Egypt, Gharbiah	42	**0.9**	*0.15*	-	-	24	**0.5**	*0.10*	-	-
Tunisia, Centre, Sousse	3	**0.4**	*0.21*	-	-	4	**0.4**	*0.22*	-	- *
Uganda, Kyadondo County	8	**0.7**	*0.30*	-	-	2	**0.2**	*0.13*	-	- *
Zimbabwe, Harare: African	9	**0.6**	*0.23*	-	-	5	**0.5**	*0.25*	-	- *
America, Central and South										
Argentina, Bahia Blanca	13	**1.5**	*0.44*	0.18	*0.06*	7	**0.7**	*0.29*	0.10	*0.04*
Brazil, Brasilia	100	**4.2**	*0.45*	0.48	*0.06*	35	**1.4**	*0.25*	0.17	*0.04*
Brazil, Cuiaba	33	**4.7**	*0.86*	0.52	*0.11*	5	**0.7**	*0.31*	0.08	*0.04*
Brazil, Goiania	70	**4.9**	*0.61*	0.49	*0.07*	10	**0.6**	*0.19*	0.09	*0.03*
Brazil, Sao Paulo	1338	**6.4**	*0.18*	0.77	*0.02*	370	**1.3**	*0.07*	0.15	*0.01*
Chile, Valdivia	3	**0.4**	*0.21*	0.04	*0.03*	1	**0.1**	*0.11*	0.01	*0.01*
Colombia, Cali	33	**1.0**	*0.17*	0.13	*0.03*	41	**0.9**	*0.15*	0.12	*0.02*
Costa Rica	55	**0.8**	*0.11*	0.10	*0.02*	34	**0.4**	*0.07*	0.05	*0.01*
Ecuador, Quito	10	**0.3**	*0.10*	0.03	*0.01*	21	**0.6**	*0.15*	0.09	*0.03*
France, La Martinique	33	**3.1**	*0.55*	0.44	*0.08*	8	**0.5**	*0.18*	0.05	*0.02*
Peru, Trujillo	9	**1.1**	*0.37*	0.16	*0.06*	12	**1.1**	*0.32*	0.16	*0.06* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	1594	**2.1**	*0.05*	0.25	*0.01*	894	**1.0**	*0.04*	0.11	*0.00*
Canada, Alberta	183	**2.0**	*0.15*	0.24	*0.02*	111	**1.1**	*0.11*	0.13	*0.02*
Canada, British Columbia	259	**1.9**	*0.12*	0.23	*0.02*	179	**1.1**	*0.09*	0.13	*0.01*
Canada, Manitoba	88	**2.3**	*0.25*	0.27	*0.03*	46	**1.0**	*0.17*	0.12	*0.02*
Canada, New Brunswick	47	**1.8**	*0.27*	0.22	*0.04*	20	**0.7**	*0.16*	0.09	*0.02*
Canada, Newfoundland and Labrador	34	**1.9**	*0.32*	0.23	*0.05*	6	**0.3**	*0.14*	0.04	*0.02*
Canada, Northwest Territories	0	**-**	-	-	-	0	**-**	-	-	-
Canada, Nova Scotia	74	**2.4**	*0.28*	0.29	*0.04*	28	**0.7**	*0.14*	0.09	*0.02*
Canada, Ontario	851	**2.2**	*0.08*	0.26	*0.01*	453	**1.0**	*0.05*	0.11	*0.01*
Canada, Prince Edward Island	9	**1.9**	*0.63*	0.19	*0.08*	8	**1.7**	*0.60*	0.18	*0.07*
Canada, Saskatchewan	49	**1.5**	*0.22*	0.19	*0.03*	43	**1.1**	*0.18*	0.15	*0.03*
USA, Alabama	361	**2.6**	*0.14*	0.32	*0.02*	172	**0.9**	*0.08*	0.11	*0.01*
USA, Alabama: Black	66	**2.6**	*0.33*	0.34	*0.05*	28	**0.7**	*0.14*	0.08	*0.02*
USA, Alabama: White	291	**2.7**	*0.16*	0.32	*0.02*	143	**1.0**	*0.09*	0.12	*0.01*
USA, Alaska	52	**3.2**	*0.46*	0.34	*0.06*	14	**0.9**	*0.26*	0.10	*0.04*
USA, Arizona	409	**2.6**	*0.13*	0.31	*0.02*	188	**1.0**	*0.08*	0.12	*0.01*
USA, California	2674	**2.8**	*0.06*	0.34	*0.01*	1328	**1.1**	*0.03*	0.13	*0.00*
USA, California: Asian and Pacific Islander	146	**1.2**	*0.10*	0.12	*0.01*	115	**0.8**	*0.08*	0.09	*0.01*
USA, California: Black	174	**3.1**	*0.24*	0.37	*0.03*	71	**1.0**	*0.13*	0.13	*0.02*
USA, California: Hispanic White	237	**1.5**	*0.10*	0.19	*0.01*	145	**0.7**	*0.06*	0.08	*0.01*
USA, California: Non-Hispanic White	2083	**3.4**	*0.08*	0.42	*0.01*	971	**1.3**	*0.05*	0.15	*0.01*
USA, California, Greater San Francisco Bay Area	538	**2.7**	*0.12*	0.33	*0.02*	267	**1.1**	*0.07*	0.13	*0.01*
USA, California, Greater San Francisco Bay Area: Black	39	**2.9**	*0.48*	0.34	*0.06*	15	**1.0**	*0.25*	0.14	*0.04*
USA, California, Greater San Francisco Bay Area: Chinese	29	**1.8**	*0.35*	0.19	*0.04*	17	**0.8**	*0.21*	0.09	*0.03*
USA, California, Greater San Francisco Bay Area: Filipino	9	**0.9**	*0.31*	0.09	*0.04*	3	**0.2**	*0.14*	0.04	*0.02*
USA, California, Greater San Francisco Bay Area: Japanese	4	**1.3**	*0.67*	0.13	*0.08*	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	40	**1.9**	*0.31*	0.22	*0.04*	25	**0.9**	*0.19*	0.12	*0.03*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	394	**3.2**	*0.17*	0.41	*0.02*	190	**1.3**	*0.10*	0.15	*0.01*
USA, California, Los Angeles County	647	**2.6**	*0.10*	0.31	*0.01*	365	**1.1**	*0.06*	0.13	*0.01*
USA, California, Los Angeles County: Black	88	**3.6**	*0.38*	0.44	*0.05*	38	**1.2**	*0.19*	0.15	*0.03*
USA, California, Los Angeles County: Chinese	10	**0.7**	*0.25*	0.06	*0.03*	15	**1.2**	*0.31*	0.12	*0.04*
USA, California, Los Angeles County: Filipino	6	**0.8**	*0.32*	0.07	*0.04*	13	**1.2**	*0.34*	0.15	*0.05*
USA, California, Los Angeles County: Japanese	8	**1.4**	*0.56*	0.15	*0.07*	8	**1.2**	*0.47*	0.12	*0.05*
USA, California, Los Angeles County: Korean	7	**1.2**	*0.47*	0.13	*0.07*	4	**0.6**	*0.29*	0.05	*0.03*
USA, California, Los Angeles County: Hispanic White	90	**1.4**	*0.16*	0.18	*0.02*	56	**0.7**	*0.10*	0.07	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	414	**3.4**	*0.17*	0.42	*0.02*	213	**1.4**	*0.11*	0.16	*0.01*
USA, Colorado	273	**2.1**	*0.13*	0.24	*0.02*	139	**1.0**	*0.09*	0.12	*0.01*
USA, Connecticut	307	**2.7**	*0.16*	0.34	*0.02*	138	**0.9**	*0.09*	0.10	*0.01*
USA, Connecticut: Black	22	**3.2**	*0.69*	0.42	*0.10*	9	**0.9**	*0.32*	0.09	*0.04*
USA, Connecticut: White	280	**2.7**	*0.17*	0.33	*0.02*	122	**0.9**	*0.09*	0.09	*0.01*
USA, District of Columbia	57	**3.7**	*0.49*	0.47	*0.07*	23	**1.1**	*0.24*	0.14	*0.03*
USA, District of Columbia: Black	39	**4.1**	*0.67*	0.51	*0.09*	14	**1.0**	*0.29*	0.12	*0.04*
USA, District of Columbia: White	17	**3.2**	*0.79*	0.41	*0.12*	8	**1.2**	*0.46*	0.18	*0.08*
USA, Florida	2010	**3.5**	*0.08*	0.42	*0.01*	931	**1.3**	*0.05*	0.15	*0.01*
USA, Florida: Black	134	**2.6**	*0.23*	0.32	*0.03*	57	**0.8**	*0.11*	0.10	*0.02*
USA, Florida: White	1858	**3.6**	*0.09*	0.44	*0.01*	858	**1.3**	*0.05*	0.15	*0.01*
USA, Georgia	683	**3.1**	*0.12*	0.36	*0.02*	321	**1.1**	*0.07*	0.13	*0.01*
USA, Georgia: Black	136	**3.0**	*0.26*	0.36	*0.04*	54	**0.9**	*0.13*	0.12	*0.02*
USA, Georgia: White	541	**3.1**	*0.14*	0.37	*0.02*	264	**1.2**	*0.08*	0.13	*0.01*
USA, Georgia, Atlanta	186	**2.6**	*0.20*	0.31	*0.03*	94	**1.1**	*0.12*	0.13	*0.02*
USA, Georgia, Atlanta: Black	42	**2.1**	*0.35*	0.24	*0.04*	25	**1.0**	*0.22*	0.13	*0.03*
USA, Georgia, Atlanta: White	143	**2.9**	*0.25*	0.35	*0.03*	68	**1.1**	*0.15*	0.13	*0.02*
USA, Idaho	91	**2.3**	*0.25*	0.27	*0.03*	49	**1.1**	*0.17*	0.14	*0.02*
USA, Illinois	1019	**2.8**	*0.09*	0.34	*0.01*	515	**1.1**	*0.05*	0.13	*0.01*
USA, Illinois: Black	166	**4.0**	*0.31*	0.50	*0.04*	51	**0.9**	*0.13*	0.12	*0.02*
USA, Illinois: White	827	**2.7**	*0.09*	0.32	*0.01*	444	**1.1**	*0.06*	0.13	*0.01*
USA, Indiana	523	**2.9**	*0.13*	0.36	*0.02*	216	**0.9**	*0.07*	0.10	*0.01*
USA, Iowa	235	**2.5**	*0.17*	0.30	*0.02*	139	**1.1**	*0.11*	0.12	*0.01*
USA, Kentucky	363	**2.9**	*0.16*	0.36	*0.02*	145	**0.9**	*0.08*	0.11	*0.01*
USA, Louisiana	390	**3.0**	*0.16*	0.36	*0.02*	177	**1.0**	*0.08*	0.13	*0.01*
USA, Louisiana: Black	82	**2.6**	*0.29*	0.28	*0.04*	29	**0.7**	*0.13*	0.09	*0.02*
USA, Louisiana: White	305	**3.2**	*0.18*	0.38	*0.02*	147	**1.2**	*0.11*	0.15	*0.01*
USA, Louisiana, New Orleans: Black	19	**2.0**	*0.46*	0.21	*0.06*	6	**0.5**	*0.20*	0.08	*0.03*
USA, Louisiana, New Orleans: White	81	**4.3**	*0.50*	0.55	*0.07*	38	**1.5**	*0.28*	0.18	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Tongue (C01-02) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	122	**2.7**	*0.25*	0.35	*0.04*	60	**1.0**	*0.15*	0.12	*0.02*
USA, Massachusetts	622	**3.1**	*0.13*	0.37	*0.02*	337	**1.3**	*0.08*	0.16	*0.01*
USA, Michigan	914	**3.0**	*0.10*	0.36	*0.01*	428	**1.1**	*0.06*	0.13	*0.01*
USA, Michigan: Black	133	**4.0**	*0.36*	0.49	*0.05*	39	**0.9**	*0.14*	0.10	*0.02*
USA, Michigan: White	768	**2.9**	*0.11*	0.34	*0.01*	378	**1.1**	*0.06*	0.13	*0.01*
USA, Michigan, Detroit	410	**3.4**	*0.17*	0.41	*0.02*	180	**1.2**	*0.09*	0.13	*0.01*
USA, Michigan, Detroit: Black	112	**4.6**	*0.45*	0.57	*0.06*	33	**1.0**	*0.18*	0.11	*0.02*
USA, Michigan, Detroit: White	293	**3.1**	*0.19*	0.38	*0.03*	145	**1.2**	*0.11*	0.13	*0.01*
USA, Missouri	484	**2.8**	*0.13*	0.33	*0.02*	235	**1.0**	*0.07*	0.12	*0.01*
USA, Missouri: Black	46	**3.3**	*0.50*	0.42	*0.07*	10	**0.6**	*0.18*	0.06	*0.02*
USA, Missouri: White	434	**2.7**	*0.13*	0.32	*0.02*	222	**1.1**	*0.08*	0.12	*0.01*
USA, Montana	81	**2.7**	*0.31*	0.31	*0.04*	38	**1.0**	*0.19*	0.13	*0.03*
USA, NPCR	19700	**2.9**	*0.02*	0.35	*0.00*	9410	**1.1**	*0.01*	0.13	*0.00*
USA, NPCR: Black	1871	**3.1**	*0.07*	0.38	*0.01*	699	**0.9**	*0.03*	0.10	*0.00*
USA, NPCR: White	17237	**2.9**	*0.02*	0.35	*0.00*	8311	**1.1**	*0.01*	0.13	*0.00*
USA, New Jersey	841	**3.2**	*0.11*	0.38	*0.01*	387	**1.1**	*0.06*	0.12	*0.01*
USA, New Jersey: Black	110	**4.0**	*0.39*	0.49	*0.05*	41	**1.1**	*0.17*	0.12	*0.02*
USA, New Jersey: White	692	**3.1**	*0.12*	0.37	*0.02*	328	**1.1**	*0.07*	0.12	*0.01*
USA, New Mexico	98	**1.7**	*0.18*	0.22	*0.02*	57	**0.9**	*0.12*	0.10	*0.02*
USA, New Mexico: American Indian	1	**0.3**	*0.25*	0.02	*0.02*	2	**0.5**	*0.38*	0.07	*0.05*
USA, New Mexico: Hispanic White	25	**1.4**	*0.28*	0.15	*0.04*	11	**0.5**	*0.16*	0.04	*0.01*
USA, New Mexico: Non-Hispanic White	71	**2.1**	*0.25*	0.27	*0.04*	41	**1.0**	*0.17*	0.12	*0.02*
USA, New York State	1589	**2.7**	*0.07*	0.33	*0.01*	808	**1.0**	*0.04*	0.12	*0.01*
USA, New York State: Black	202	**3.0**	*0.22*	0.36	*0.03*	93	**1.0**	*0.10*	0.12	*0.01*
USA, New York State: White	1341	**2.8**	*0.08*	0.34	*0.01*	690	**1.0**	*0.04*	0.12	*0.01*
USA, Ohio	937	**2.6**	*0.09*	0.31	*0.01*	434	**0.9**	*0.05*	0.11	*0.01*
USA, Ohio: Black	82	**2.6**	*0.29*	0.30	*0.04*	25	**0.6**	*0.12*	0.07	*0.02*
USA, Ohio: White	813	**2.5**	*0.09*	0.30	*0.01*	392	**1.0**	*0.05*	0.11	*0.01*
USA, Oklahoma	303	**2.8**	*0.16*	0.33	*0.02*	123	**0.9**	*0.09*	0.10	*0.01*
USA, Oregon	347	**3.1**	*0.17*	0.36	*0.02*	183	**1.3**	*0.11*	0.16	*0.02*
USA, Pennsylvania	1221	**3.0**	*0.09*	0.36	*0.01*	584	**1.1**	*0.05*	0.12	*0.01*
USA, Pennsylvania: Black	89	**3.0**	*0.32*	0.38	*0.04*	44	**1.1**	*0.17*	0.13	*0.02*
USA, Pennsylvania: White	1096	**2.9**	*0.09*	0.35	*0.01*	519	**1.0**	*0.05*	0.12	*0.01*
USA, Rhode Island	103	**3.0**	*0.31*	0.38	*0.04*	55	**1.3**	*0.20*	0.16	*0.03*
USA, SEER (9 Registries)	2208	**2.8**	*0.06*	0.34	*0.01*	1125	**1.1**	*0.04*	0.13	*0.00*
USA, SEER (9 Registries): Black	216	**3.2**	*0.22*	0.39	*0.03*	88	**1.0**	*0.11*	0.11	*0.01*
USA, SEER (9 Registries): White	1856	**2.8**	*0.07*	0.35	*0.01*	927	**1.1**	*0.04*	0.13	*0.01*
USA, SEER (14 Registries)	6133	**2.8**	*0.04*	0.34	*0.01*	2976	**1.1**	*0.02*	0.13	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	260	**1.4**	*0.09*	0.15	*0.01*	205	**0.9**	*0.07*	0.10	*0.01*
USA, SEER (14 Registries): Black	573	**3.2**	*0.14*	0.39	*0.02*	228	**1.0**	*0.07*	0.12	*0.01*
USA, SEER (14 Registries): Hispanic White	351	**1.6**	*0.09*	0.20	*0.01*	201	**0.8**	*0.06*	0.08	*0.01*
USA, SEER (14 Registries): Non-Hispanic White	4885	**3.1**	*0.05*	0.38	*0.01*	2301	**1.2**	*0.03*	0.14	*0.00*
USA, South Carolina	414	**3.4**	*0.17*	0.41	*0.02*	185	**1.2**	*0.09*	0.13	*0.01*
USA, South Carolina: Black	111	**4.1**	*0.39*	0.49	*0.05*	34	**0.9**	*0.16*	0.10	*0.02*
USA, South Carolina: White	301	**3.2**	*0.19*	0.38	*0.02*	150	**1.3**	*0.11*	0.14	*0.01*
USA, Texas	1521	**2.7**	*0.07*	0.33	*0.01*	693	**1.0**	*0.04*	0.12	*0.01*
USA, Texas: Black	127	**2.5**	*0.23*	0.32	*0.03*	48	**0.7**	*0.11*	0.08	*0.01*
USA, Texas: White	1364	**2.7**	*0.08*	0.33	*0.01*	629	**1.0**	*0.04*	0.12	*0.01*
USA, Utah	120	**2.2**	*0.21*	0.27	*0.03*	63	**1.0**	*0.14*	0.12	*0.02*
USA, Vermont	46	**2.3**	*0.34*	0.28	*0.05*	30	**1.3**	*0.25*	0.19	*0.04*
USA, Washington State	531	**2.9**	*0.13*	0.36	*0.02*	259	**1.2**	*0.08*	0.13	*0.01*
USA, Washington, Seattle	368	**3.0**	*0.16*	0.37	*0.02*	185	**1.2**	*0.10*	0.14	*0.01*
USA, West Virginia	180	**2.8**	*0.21*	0.34	*0.03*	90	**1.2**	*0.14*	0.14	*0.02*
USA, Wisconsin	454	**2.7**	*0.13*	0.32	*0.02*	239	**1.2**	*0.08*	0.14	*0.01*
Asia										
Bahrain: Bahraini	8	**1.4**	*0.51*	0.10	*0.05*	7	**1.1**	*0.43*	0.10	*0.04*
China, Guangzhou City	79	**1.4**	*0.16*	0.15	*0.02*	67	**1.1**	*0.14*	0.14	*0.02**
China, Hong Kong	361	**1.7**	*0.09*	0.20	*0.01*	221	**1.0**	*0.07*	0.12	*0.01*
China, Jiashan	8	**0.6**	*0.20*	0.03	*0.02*	4	**0.2**	*0.12*	0.03	*0.02**
China, Nangang District, Harbin City	11	**0.5**	*0.14*	0.05	*0.02*	4	**0.2**	*0.08*	0.01	*0.01*
China, Shanghai	146	**0.6**	*0.05*	0.08	*0.01*	141	**0.5**	*0.05*	0.06	*0.01**
China, Zhongshan	62	**1.9**	*0.25*	0.22	*0.03*	23	**0.6**	*0.13*	0.07	*0.02**
Cyprus	21	**1.0**	*0.22*	0.11	*0.03*	17	**0.7**	*0.17*	0.08	*0.02**
India, Chennai (Madras)	473	**5.1**	*0.24*	0.61	*0.03*	144	**1.6**	*0.14*	0.19	*0.02*
India, New Delhi	1250	**6.1**	*0.18*	0.73	*0.03*	317	**1.8**	*0.11*	0.22	*0.02**
India, Karunagappally	52	**5.8**	*0.82*	0.60	*0.10*	22	**2.4**	*0.51*	0.29	*0.07*
India, Mumbai (Bombay)	1048	**4.6**	*0.15*	0.55	*0.02*	399	**1.9**	*0.10*	0.24	*0.01*
India, Nagpur	222	**5.5**	*0.38*	0.67	*0.05*	68	**1.7**	*0.21*	0.20	*0.03**
India, Poona	207	**3.2**	*0.23*	0.38	*0.03*	126	**2.0**	*0.18*	0.22	*0.02**
India, Trivandrum	165	**6.0**	*0.47*	0.71	*0.06*	81	**2.6**	*0.30*	0.32	*0.04**
Israel	132	**0.8**	*0.08*	0.10	*0.01*	109	**0.5**	*0.05*	0.05	*0.01*
Israel: Jews	118	**0.8**	*0.08*	0.10	*0.01*	100	**0.5**	*0.05*	0.05	*0.01*
Israel: Non-Jews	10	**0.6**	*0.19*	0.07	*0.03*	4	**0.2**	*0.11*	0.02	*0.01*
Japan, Aichi Prefecture	59	**1.5**	*0.20*	0.17	*0.03*	28	**0.7**	*0.13*	0.08	*0.02*
Japan, Fukui Prefecture	33	**1.0**	*0.18*	0.10	*0.02*	33	**0.7**	*0.15*	0.09	*0.02*
Japan, Hiroshima	74	**1.8**	*0.22*	0.20	*0.03*	42	**1.0**	*0.16*	0.10	*0.02*
Japan, Miyagi Prefecture	142	**1.5**	*0.13*	0.17	*0.02*	96	**0.8**	*0.09*	0.09	*0.01*
Japan, Nagasaki Prefecture	120	**1.9**	*0.18*	0.22	*0.02*	76	**0.9**	*0.13*	0.09	*0.01*
Japan, Osaka Prefecture	560	**1.6**	*0.07*	0.18	*0.01*	288	**0.7**	*0.04*	0.07	*0.01*
Japan, Yamagata Prefecture	88	**1.5**	*0.18*	0.16	*0.02*	51	**0.7**	*0.12*	0.08	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Tongue (C01-02) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	919	**1.0**	*0.03*	0.12	*0.01*	418	**0.4**	*0.02*	0.04	*0.00*
Korea, Busan	83	**1.0**	*0.12*	0.10	*0.01*	48	**0.4**	*0.07*	0.05	*0.01*
Korea, Daegu	66	**1.1**	*0.15*	0.14	*0.02*	29	**0.4**	*0.08*	0.05	*0.01*
Korea, Daejeon	27	**1.0**	*0.22*	0.12	*0.03*	11	**0.3**	*0.10*	0.05	*0.02*
Korea, Gwangju	20	**0.7**	*0.17*	0.10	*0.03*	16	**0.5**	*0.12*	0.05	*0.02*
Korea, Incheon	41	**0.8**	*0.14*	0.09	*0.02*	23	**0.4**	*0.08*	0.04	*0.01*
Korea, Jejudo	8	**1.0**	*0.37*	0.14	*0.06*	1	**0.1**	*0.11*	0.01	*0.01*
Korea, Seoul	233	**1.0**	*0.07*	0.12	*0.01*	123	**0.5**	*0.04*	0.05	*0.01*
Korea, Ulsan	20	**1.5**	*0.40*	0.16	*0.05*	3	**0.1**	*0.08*	0.01	*0.01*
Kuwait: Kuwaitis	5	**0.6**	*0.25*	0.07	*0.03*	10	**0.9**	*0.29*	0.10	*0.04*
Kuwait: Non-Kuwaitis	19	**0.8**	*0.31*	0.13	*0.07*	6	**0.3**	*0.17*	0.03	*0.02*
Malaysia, Penang	25	**1.4**	*0.28*	0.18	*0.04*	17	**0.8**	*0.19*	0.11	*0.03*
Malaysia, Sarawak	42	**1.1**	*0.18*	0.13	*0.03*	33	**0.9**	*0.16*	0.10	*0.02*
Oman: Omani	16	**0.9**	*0.24*	0.10	*0.03*	6	**0.4**	*0.15*	0.04	*0.02**
Pakistan, South Karachi	151	**5.3**	*0.46*	0.64	*0.07*	128	**6.6**	*0.63*	0.80	*0.09**
Philippines, Manila	122	**1.8**	*0.18*	0.24	*0.03*	90	**1.1**	*0.12*	0.14	*0.02**
Singapore	140	**1.7**	*0.14*	0.19	*0.02*	70	**0.7**	*0.09*	0.07	*0.01*
Singapore: Chinese	114	**1.7**	*0.16*	0.20	*0.02*	56	**0.7**	*0.09*	0.07	*0.01*
Singapore: Indian	11	**1.7**	*0.52*	0.17	*0.06*	9	**1.4**	*0.50*	0.15	*0.06*
Singapore: Malay	15	**1.4**	*0.39*	0.13	*0.04*	5	**0.4**	*0.17*	0.03	*0.01*
Thailand, Chiang Mai	81	**2.1**	*0.24*	0.24	*0.03*	37	**0.9**	*0.15*	0.10	*0.02**
Thailand, Lampang	21	**0.9**	*0.20*	0.13	*0.03*	19	**0.8**	*0.18*	0.09	*0.03**
Thailand, Songkhla	118	**4.4**	*0.41*	0.51	*0.06*	22	**0.7**	*0.15*	0.10	*0.02*
Turkey, Antalya	20	**0.7**	*0.16*	0.07	*0.02*	17	**0.5**	*0.13*	0.08	*0.02**
Turkey, Izmir	63	**0.8**	*0.10*	0.11	*0.02*	42	**0.5**	*0.08*	0.06	*0.01**
Europe										
Austria	640	**2.4**	*0.09*	0.28	*0.01*	233	**0.6**	*0.05*	0.07	*0.01*
Austria, Tyrol	50	**2.3**	*0.33*	0.26	*0.04*	9	**0.3**	*0.10*	0.03	*0.01*
Austria, Vorarlberg	23	**2.1**	*0.45*	0.24	*0.05*	16	**1.3**	*0.34*	0.14	*0.04*
Belarus	692	**2.4**	*0.09*	0.30	*0.01*	96	**0.2**	*0.02*	0.03	*0.00**
Belgium, Antwerp	129	**2.1**	*0.19*	0.24	*0.02*	40	**0.6**	*0.10*	0.06	*0.01**
Belgium, Flanders	433	**2.5**	*0.12*	0.29	*0.02*	141	**0.7**	*0.06*	0.07	*0.01*
Bulgaria	554	**1.9**	*0.08*	0.22	*0.01*	91	**0.2**	*0.03*	0.03	*0.00**
Croatia	576	**3.7**	*0.16*	0.44	*0.02*	101	**0.5**	*0.05*	0.06	*0.01*
Czech Republic	874	**2.5**	*0.09*	0.28	*0.01*	173	**0.4**	*0.03*	0.04	*0.00*
Denmark	358	**1.8**	*0.10*	0.23	*0.01*	173	**0.7**	*0.06*	0.08	*0.01*
Estonia	118	**2.8**	*0.26*	0.34	*0.03*	42	**0.6**	*0.10*	0.06	*0.01*
Finland	279	**1.5**	*0.09*	0.18	*0.01*	191	**0.8**	*0.06*	0.09	*0.01*
France, Bas-Rhin	165	**5.0**	*0.39*	0.63	*0.05*	34	**0.9**	*0.16*	0.10	*0.02*
France, Calvados	124	**5.9**	*0.55*	0.69	*0.07*	28	**0.9**	*0.19*	0.08	*0.02*
France, Doubs	58	**3.5**	*0.47*	0.43	*0.06*	21	**1.1**	*0.24*	0.14	*0.03*
France, Haut-Rhin	118	**4.9**	*0.45*	0.56	*0.06*	40	**1.4**	*0.24*	0.16	*0.03*
France, Herault	142	**4.5**	*0.39*	0.52	*0.05*	38	**1.0**	*0.18*	0.11	*0.02*
France, Isere	110	**3.1**	*0.30*	0.36	*0.04*	23	**0.6**	*0.13*	0.06	*0.02*
France, Loire-Atlantique	215	**5.9**	*0.41*	0.68	*0.05*	44	**1.0**	*0.16*	0.10	*0.02*
France, Manche	91	**5.2**	*0.57*	0.61	*0.07*	20	**0.8**	*0.21*	0.11	*0.03*
France, Somme	128	**7.0**	*0.64*	0.84	*0.08*	25	**1.1**	*0.23*	0.12	*0.03*
France, Tarn	51	**3.8**	*0.58*	0.41	*0.06*	12	**0.6**	*0.20*	0.07	*0.03*
France, Vendee	83	**4.1**	*0.46*	0.47	*0.06*	18	**0.8**	*0.20*	0.08	*0.02*
Germany, Brandenburg	240	**2.5**	*0.16*	0.29	*0.02*	58	**0.5**	*0.07*	0.05	*0.01*
Germany, Free State of Saxony	391	**2.3**	*0.12*	0.27	*0.01*	120	**0.5**	*0.05*	0.06	*0.01*
Germany, Hamburg	133	**2.1**	*0.18*	0.25	*0.02*	67	**0.8**	*0.11*	0.09	*0.01*
Germany, Mecklenburg-Western Pomerania	184	**2.9**	*0.21*	0.34	*0.03*	50	**0.7**	*0.10*	0.07	*0.01*
Germany, Munich	280	**3.3**	*0.20*	0.38	*0.02*	116	**1.1**	*0.11*	0.13	*0.01*
Germany, Northrhine-Westphalia: Munster	179	**1.9**	*0.14*	0.23	*0.02*	76	**0.6**	*0.08*	0.07	*0.01*
Germany, Saarland	137	**3.4**	*0.29*	0.39	*0.04*	54	**1.0**	*0.15*	0.11	*0.02*
Iceland	8	**0.9**	*0.32*	0.09	*0.04*	7	**0.6**	*0.25*	0.06	*0.03*
Ireland	188	**1.6**	*0.12*	0.19	*0.02*	76	**0.6**	*0.07*	0.07	*0.01*
Italy, Biella Province	27	**3.2**	*0.63*	0.40	*0.08*	13	**0.9**	*0.33*	0.09	*0.04*
Italy, Brescia Province	64	**2.7**	*0.35*	0.30	*0.04*	22	**0.8**	*0.18*	0.09	*0.02*
Italy, Ferrara Province	28	**1.8**	*0.37*	0.19	*0.04*	13	**0.6**	*0.21*	0.06	*0.02*
Italy, Florence and Prato	71	**1.4**	*0.17*	0.16	*0.02*	52	**0.8**	*0.13*	0.09	*0.02*
Italy, Genoa Province	57	**2.3**	*0.33*	0.26	*0.04*	28	**0.7**	*0.19*	0.08	*0.02*
Italy, Macerata Province	8	**1.2**	*0.58*	0.12	*0.05*	5	**0.3**	*0.17*	0.05	*0.03*
Italy, Milan	106	**2.3**	*0.24*	0.28	*0.03*	61	**0.9**	*0.13*	0.10	*0.02*
Italy, Modena Province	36	**1.4**	*0.24*	0.16	*0.03*	22	**0.6**	*0.13*	0.08	*0.02*
Italy, Naples	21	**1.3**	*0.29*	0.17	*0.04*	8	**0.4**	*0.14*	0.02	*0.01*
Italy, North East Cancer Surveillance Network	279	**3.3**	*0.20*	0.41	*0.03*	101	**0.9**	*0.10*	0.11	*0.01*
Italy, Parma Province	45	**2.6**	*0.40*	0.32	*0.05*	19	**0.8**	*0.23*	0.10	*0.03*
Italy, Ragusa Province	6	**0.6**	*0.25*	0.06	*0.03*	6	**0.5**	*0.22*	0.04	*0.02*
Italy, Reggio Emilia Province	22	**1.1**	*0.25*	0.15	*0.03*	13	**0.5**	*0.16*	0.05	*0.02*
Italy, Romagna Region	63	**1.4**	*0.19*	0.16	*0.02*	32	**0.6**	*0.12*	0.07	*0.02*
Italy, Salerno Province	39	**1.4**	*0.23*	0.15	*0.03*	11	**0.3**	*0.11*	0.03	*0.01*
Italy, Sassari Province	57	**3.4**	*0.46*	0.42	*0.06*	17	**0.8**	*0.20*	0.09	*0.03*
Italy, Syracuse Province	12	**1.1**	*0.34*	0.09	*0.03*	8	**0.5**	*0.20*	0.06	*0.03*
Italy, Sondrio	24	**3.4**	*0.71*	0.47	*0.11*	8	**0.9**	*0.35*	0.12	*0.05*
Italy, Torino	86	**2.2**	*0.25*	0.24	*0.03*	37	**0.7**	*0.12*	0.07	*0.01*
Italy, Umbria Region	79	**1.9**	*0.23*	0.26	*0.03*	38	**0.9**	*0.17*	0.11	*0.02*
Italy, Varese Province	48	**2.5**	*0.37*	0.30	*0.05*	17	**0.6**	*0.16*	0.08	*0.02*
Italy, Veneto Region	202	**3.2**	*0.23*	0.37	*0.03*	68	**0.8**	*0.12*	0.09	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Tongue (C01-02) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	162	**2.2**	*0.17*	0.27	*0.02*	40	**0.3**	*0.05*	0.04	*0.01*
Lithuania	255	**2.6**	*0.17*	0.30	*0.02*	52	**0.3**	*0.05*	0.04	*0.01*
Malta	15	**1.2**	*0.32*	0.15	*0.04*	8	**0.5**	*0.18*	0.05	*0.02*
Norway	240	**1.5**	*0.10*	0.18	*0.01*	142	**0.7**	*0.07*	0.08	*0.01*
Poland, Cracow	46	**2.0**	*0.29*	0.25	*0.04*	14	**0.4**	*0.10*	0.04	*0.01**
Poland, Kielce	41	**1.0**	*0.16*	0.12	*0.02*	12	**0.2**	*0.07*	0.03	*0.01*
Poland, Warsaw City	83	**1.5**	*0.16*	0.16	*0.02*	39	**0.5**	*0.08*	0.06	*0.01*
Portugal, Porto	263	**2.7**	*0.17*	0.31	*0.02*	76	**0.6**	*0.07*	0.06	*0.01**
Portugal, South Regional	334	**3.4**	*0.19*	0.40	*0.02*	97	**0.7**	*0.08*	0.07	*0.01*
Russia, St Petersburg	395	**2.8**	*0.14*	0.34	*0.02*	118	**0.5**	*0.05*	0.06	*0.01*
Serbia	288	**1.8**	*0.11*	0.21	*0.01*	94	**0.5**	*0.06*	0.06	*0.01*
Slovak Republic	745	**4.9**	*0.18*	0.55	*0.02*	82	**0.4**	*0.05*	0.05	*0.01*
Slovenia	216	**3.2**	*0.22*	0.39	*0.03*	43	**0.5**	*0.08*	0.06	*0.01*
Spain, Albacete	30	**2.9**	*0.56*	0.37	*0.07*	7	**0.5**	*0.22*	0.07	*0.03*
Spain, Asturias	159	**3.8**	*0.31*	0.46	*0.04*	38	**0.7**	*0.13*	0.08	*0.01*
Spain, Basque Country	243	**3.9**	*0.25*	0.48	*0.03*	75	**1.0**	*0.13*	0.12	*0.02*
Spain, Canary Islands	189	**4.3**	*0.32*	0.53	*0.04*	44	**0.8**	*0.13*	0.09	*0.02*
Spain, Cuenca	13	**1.5**	*0.47*	0.19	*0.06*	0	**-**	-	-	-
Spain, Girona	55	**2.7**	*0.38*	0.32	*0.05*	18	**0.8**	*0.20*	0.10	*0.03*
Spain, Granada	77	**2.8**	*0.33*	0.33	*0.04*	30	**0.9**	*0.17*	0.09	*0.02*
Spain, Murcia	106	**2.9**	*0.29*	0.37	*0.04*	45	**1.0**	*0.16*	0.12	*0.02*
Spain, Navarra	44	**2.2**	*0.35*	0.27	*0.04*	15	**0.7**	*0.18*	0.08	*0.02*
Spain, Tarragona	57	**3.3**	*0.45*	0.39	*0.06*	15	**0.6**	*0.17*	0.05	*0.02*
Spain, Zaragoza	84	**2.7**	*0.31*	0.33	*0.04*	19	**0.5**	*0.11*	0.06	*0.02*
Sweden	398	**1.1**	*0.06*	0.13	*0.01*	295	**0.7**	*0.05*	0.08	*0.01*
Switzerland, Geneva	40	**2.8**	*0.45*	0.35	*0.06*	25	**1.4**	*0.31*	0.19	*0.04*
Switzerland, Graubunden and Glarus	17	**2.2**	*0.53*	0.27	*0.07*	7	**0.8**	*0.31*	0.10	*0.04*
Switzerland, Neuchatel	19	**3.4**	*0.78*	0.43	*0.10*	15	**2.2**	*0.60*	0.23	*0.07*
Switzerland, St Gall-Appenzell	46	**2.6**	*0.39*	0.31	*0.05*	16	**0.8**	*0.20*	0.08	*0.03*
Switzerland, Ticino	25	**2.0**	*0.42*	0.25	*0.06*	6	**0.4**	*0.18*	0.03	*0.02*
Switzerland, Valais	29	**3.1**	*0.59*	0.39	*0.08*	7	**0.6**	*0.25*	0.06	*0.03*
Switzerland, Vaud	71	**3.4**	*0.42*	0.41	*0.05*	31	**1.2**	*0.23*	0.13	*0.03*
The Netherlands	878	**1.6**	*0.05*	0.19	*0.01*	660	**1.0**	*0.04*	0.12	*0.01*
The Netherlands, Eindhoven	42	**1.2**	*0.18*	0.12	*0.02*	39	**1.1**	*0.18*	0.12	*0.02*
The Netherlands, Maastricht	61	**1.8**	*0.24*	0.20	*0.03*	30	**0.9**	*0.17*	0.11	*0.02*
UK, East of England Region	162	**1.6**	*0.13*	0.17	*0.02*	100	**0.8**	*0.09*	0.09	*0.01*
UK, England, Merseyside and Cheshire	146	**1.7**	*0.14*	0.18	*0.02*	88	**0.8**	*0.09*	0.09	*0.01*
UK, England, North Western	300	**2.0**	*0.12*	0.24	*0.02*	150	**0.9**	*0.08*	0.09	*0.01*
UK, England, Northern and Yorkshire	461	**2.0**	*0.09*	0.23	*0.01*	229	**0.8**	*0.06*	0.08	*0.01*
UK, England, Oxford Region	140	**1.5**	*0.13*	0.17	*0.02*	102	**0.9**	*0.10*	0.11	*0.01*
UK, England, South and Western Regions	455	**1.8**	*0.09*	0.21	*0.01*	301	**0.9**	*0.06*	0.10	*0.01*
UK, England, Thames	781	**1.7**	*0.06*	0.19	*0.01*	492	**0.8**	*0.04*	0.10	*0.01*
UK, England, Trent	277	**1.5**	*0.10*	0.17	*0.01*	181	**0.9**	*0.07*	0.10	*0.01*
UK, England, West Midlands	282	**1.5**	*0.09*	0.18	*0.01*	183	**0.8**	*0.07*	0.09	*0.01*
UK, Northern Ireland	90	**1.7**	*0.18*	0.20	*0.02*	42	**0.6**	*0.11*	0.08	*0.01*
UK, Scotland	467	**2.6**	*0.12*	0.31	*0.02*	253	**1.1**	*0.08*	0.13	*0.01*
Oceania										
Australia, New South Wales	525	**2.4**	*0.11*	0.29	*0.01*	277	**1.1**	*0.07*	0.13	*0.01*
Australia, Northern Territory	28	**6.1**	*1.21*	0.70	*0.15*	5	**1.6**	*0.79*	0.23	*0.14*
Australia, Queensland	321	**2.7**	*0.16*	0.33	*0.02*	150	**1.2**	*0.10*	0.13	*0.01*
Australia, South	97	**1.9**	*0.20*	0.24	*0.03*	59	**0.9**	*0.12*	0.10	*0.02*
Australia, Tasmania	45	**2.9**	*0.44*	0.37	*0.06*	14	**0.8**	*0.22*	0.09	*0.03*
Australia, Victoria	325	**2.1**	*0.12*	0.25	*0.02*	179	**1.0**	*0.08*	0.11	*0.01*
Australia, Western	137	**2.3**	*0.20*	0.25	*0.02*	52	**0.7**	*0.11*	0.09	*0.02*
Australian Capital Territory	17	**1.8**	*0.45*	0.22	*0.06*	8	**0.7**	*0.27*	0.07	*0.03*
French Polynesia	10	**2.2**	*0.71*	0.27	*0.09*	4	**0.8**	*0.40*	0.02	*0.01*
New Zealand	172	**1.4**	*0.11*	0.16	*0.01*	100	**0.7**	*0.08*	0.08	*0.01*
USA, Hawaii	120	**2.9**	*0.27*	0.34	*0.04*	73	**1.4**	*0.18*	0.17	*0.02*
USA, Hawaii: Chinese	8	**2.2**	*0.87*	0.24	*0.11*	5	**1.2**	*0.56*	0.11	*0.07*
USA, Hawaii: Filipino	5	**0.7**	*0.32*	0.05	*0.03*	7	**1.0**	*0.37*	0.09	*0.04*
USA, Hawaii: Hawaiian	12	**2.4**	*0.70*	0.25	*0.08*	11	**2.2**	*0.67*	0.27	*0.09*
USA, Hawaii: Japanese	38	**3.0**	*0.56*	0.39	*0.08*	24	**1.2**	*0.32*	0.13	*0.04*
USA, Hawaii: White	53	**4.7**	*0.66*	0.56	*0.09*	23	**2.0**	*0.44*	0.28	*0.07*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mouth (C03-06)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	7	**0.3**	*0.11*	-	-	2	**0.1**	*0.05*	-	- *
Egypt, Gharbiah	57	**1.3**	*0.18*	-	-	55	**1.0**	*0.14*	-	-
Tunisia, Centre, Sousse	9	**1.0**	*0.33*	-	-	1	**0.1**	*0.12*	-	- *
Uganda, Kyadondo County	16	**1.6**	*0.46*	-	-	14	**1.0**	*0.32*	-	- *
Zimbabwe, Harare: African	8	**0.4**	*0.17*	-	-	7	**0.4**	*0.20*	-	- *
America, Central and South										
Argentina, Bahia Blanca	16	**2.2**	*0.55*	0.27	*0.07*	13	**1.1**	*0.33*	0.12	*0.04*
Brazil, Brasilia	117	**5.5**	*0.54*	0.66	*0.08*	45	**1.8**	*0.28*	0.23	*0.05*
Brazil, Cuiaba	35	**4.9**	*0.89*	0.62	*0.13*	13	**1.9**	*0.55*	0.25	*0.09*
Brazil, Goiania	58	**3.8**	*0.52*	0.44	*0.07*	23	**1.2**	*0.26*	0.11	*0.03*
Brazil, Sao Paulo	1414	**6.7**	*0.19*	0.78	*0.03*	559	**1.9**	*0.09*	0.20	*0.01*
Chile, Valdivia	2	**0.2**	*0.17*	0.04	*0.03*	0	**-**	-	-	-
Colombia, Cali	29	**0.8**	*0.16*	0.11	*0.03*	49	**1.1**	*0.16*	0.12	*0.02*
Costa Rica	78	**1.1**	*0.13*	0.13	*0.02*	39	**0.5**	*0.08*	0.04	*0.01*
Ecuador, Quito	11	**0.4**	*0.12*	0.03	*0.02*	10	**0.3**	*0.10*	0.04	*0.02*
France, La Martinique	39	**3.7**	*0.61*	0.48	*0.08*	9	**0.7**	*0.24*	0.07	*0.03*
Peru, Trujillo	12	**1.3**	*0.39*	0.13	*0.06*	8	**0.7**	*0.25*	0.08	*0.04* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	1458	**1.9**	*0.05*	0.23	*0.01*	1000	**1.0**	*0.04*	0.12	*0.01*
Canada, Alberta	163	**1.8**	*0.15*	0.23	*0.02*	113	**1.1**	*0.11*	0.13	*0.02*
Canada, British Columbia	245	**1.7**	*0.11*	0.21	*0.02*	198	**1.1**	*0.09*	0.14	*0.01*
Canada, Manitoba	64	**1.6**	*0.21*	0.20	*0.03*	65	**1.3**	*0.18*	0.17	*0.03*
Canada, New Brunswick	40	**1.5**	*0.25*	0.18	*0.03*	25	**0.8**	*0.18*	0.09	*0.02*
Canada, Newfoundland and Labrador	29	**1.6**	*0.30*	0.18	*0.04*	11	**0.6**	*0.17*	0.08	*0.03*
Canada, Northwest Territories	1	**1.0**	*0.98*	0.12	*0.12*	2	**2.0**	*1.50*	0.22	*0.17*
Canada, Nova Scotia	63	**1.9**	*0.25*	0.23	*0.04*	48	**1.2**	*0.19*	0.13	*0.02*
Canada, Ontario	799	**2.1**	*0.07*	0.25	*0.01*	486	**1.0**	*0.05*	0.12	*0.01*
Canada, Prince Edward Island	13	**2.6**	*0.75*	0.25	*0.09*	8	**1.3**	*0.52*	0.16	*0.07*
Canada, Saskatchewan	41	**1.1**	*0.18*	0.14	*0.03*	44	**0.9**	*0.16*	0.09	*0.02*
USA, Alabama	362	**2.5**	*0.14*	0.30	*0.02*	248	**1.1**	*0.08*	0.13	*0.01*
USA, Alabama: Black	74	**2.8**	*0.34*	0.34	*0.04*	34	**0.8**	*0.15*	0.11	*0.02*
USA, Alabama: White	283	**2.4**	*0.15*	0.29	*0.02*	211	**1.2**	*0.09*	0.13	*0.01*
USA, Alaska	27	**1.7**	*0.34*	0.25	*0.06*	14	**1.0**	*0.27*	0.16	*0.05*
USA, Arizona	292	**1.8**	*0.11*	0.21	*0.01*	178	**0.9**	*0.07*	0.10	*0.01*
USA, California	1758	**1.8**	*0.04*	0.22	*0.01*	1394	**1.1**	*0.03*	0.13	*0.00*
USA, California: Asian and Pacific Islander	99	**0.9**	*0.09*	0.11	*0.01*	97	**0.7**	*0.07*	0.07	*0.01*
USA, California: Black	153	**2.6**	*0.21*	0.29	*0.03*	92	**1.3**	*0.14*	0.14	*0.02*
USA, California: Hispanic White	184	**1.1**	*0.09*	0.13	*0.01*	127	**0.6**	*0.06*	0.07	*0.01*
USA, California: Non-Hispanic White	1294	**2.0**	*0.06*	0.26	*0.01*	1036	**1.2**	*0.04*	0.15	*0.01*
USA, California, Greater San Francisco Bay Area	352	**1.7**	*0.10*	0.21	*0.01*	273	**1.1**	*0.07*	0.13	*0.01*
USA, California, Greater San Francisco Bay Area: Black	30	**2.2**	*0.41*	0.24	*0.06*	29	**1.9**	*0.36*	0.20	*0.04*
USA, California, Greater San Francisco Bay Area: Chinese	15	**0.9**	*0.23*	0.10	*0.03*	10	**0.4**	*0.14*	0.05	*0.02*
USA, California, Greater San Francisco Bay Area: Filipino	7	**0.8**	*0.32*	0.09	*0.04*	8	**0.6**	*0.23*	0.10	*0.04*
USA, California, Greater San Francisco Bay Area: Japanese	1	**0.6**	*0.58*	0.07	*0.07*	5	**1.3**	*0.63*	0.12	*0.07*
USA, California, Greater San Francisco Bay Area: Hispanic White	31	**1.2**	*0.23*	0.10	*0.02*	10	**0.4**	*0.13*	0.07	*0.02*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	249	**2.0**	*0.13*	0.25	*0.02*	187	**1.2**	*0.10*	0.14	*0.01*
USA, California, Los Angeles County	467	**1.9**	*0.09*	0.24	*0.01*	332	**1.0**	*0.06*	0.11	*0.01*
USA, California, Los Angeles County: Black	82	**3.3**	*0.37*	0.38	*0.05*	37	**1.1**	*0.19*	0.12	*0.02*
USA, California, Los Angeles County: Chinese	6	**0.5**	*0.23*	0.10	*0.04*	9	**0.6**	*0.22*	0.09	*0.04*
USA, California, Los Angeles County: Filipino	1	**0.2**	*0.18*	0.03	*0.03*	11	**1.0**	*0.31*	0.09	*0.04*
USA, California, Los Angeles County: Japanese	4	**0.8**	*0.40*	0.11	*0.06*	4	**0.6**	*0.36*	0.08	*0.05*
USA, California, Los Angeles County: Korean	5	**1.0**	*0.45*	0.10	*0.06*	1	**0.2**	*0.15*	0.02	*0.02*
USA, California, Los Angeles County: Hispanic White	70	**1.2**	*0.15*	0.17	*0.02*	54	**0.6**	*0.09*	0.07	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	286	**2.3**	*0.15*	0.29	*0.02*	206	**1.2**	*0.10*	0.14	*0.01*
USA, Colorado	193	**1.5**	*0.11*	0.17	*0.02*	151	**1.0**	*0.09*	0.11	*0.01*
USA, Connecticut	261	**2.3**	*0.15*	0.28	*0.02*	205	**1.2**	*0.10*	0.15	*0.01*
USA, Connecticut: Black	20	**3.0**	*0.68*	0.31	*0.08*	14	**1.5**	*0.40*	0.17	*0.06*
USA, Connecticut: White	236	**2.2**	*0.15*	0.28	*0.02*	188	**1.2**	*0.10*	0.15	*0.02*
USA, District of Columbia	65	**3.9**	*0.50*	0.46	*0.07*	29	**1.3**	*0.26*	0.16	*0.04*
USA, District of Columbia: Black	53	**5.2**	*0.73*	0.60	*0.09*	22	**1.5**	*0.35*	0.18	*0.05*
USA, District of Columbia: White	11	**2.1**	*0.65*	0.26	*0.09*	7	**1.0**	*0.42*	0.14	*0.07*
USA, Florida	1553	**2.6**	*0.07*	0.31	*0.01*	1076	**1.3**	*0.05*	0.15	*0.01*
USA, Florida: Black	141	**2.7**	*0.23*	0.33	*0.03*	91	**1.3**	*0.14*	0.14	*0.02*
USA, Florida: White	1388	**2.6**	*0.08*	0.31	*0.01*	971	**1.3**	*0.05*	0.16	*0.01*
USA, Georgia	565	**2.6**	*0.11*	0.32	*0.02*	378	**1.2**	*0.07*	0.14	*0.01*
USA, Georgia: Black	148	**3.3**	*0.28*	0.42	*0.04*	87	**1.4**	*0.15*	0.17	*0.02*
USA, Georgia: White	413	**2.4**	*0.12*	0.30	*0.02*	288	**1.2**	*0.08*	0.13	*0.01*
USA, Georgia, Atlanta	156	**2.3**	*0.19*	0.30	*0.03*	110	**1.2**	*0.13*	0.15	*0.02*
USA, Georgia, Atlanta: Black	49	**2.8**	*0.43*	0.37	*0.07*	35	**1.3**	*0.24*	0.17	*0.04*
USA, Georgia, Atlanta: White	104	**2.2**	*0.22*	0.29	*0.03*	73	**1.2**	*0.15*	0.14	*0.02*
USA, Idaho	69	**1.8**	*0.22*	0.24	*0.03*	53	**1.0**	*0.15*	0.10	*0.02*
USA, Illinois	908	**2.5**	*0.08*	0.31	*0.01*	597	**1.2**	*0.05*	0.14	*0.01*
USA, Illinois: Black	146	**3.4**	*0.29*	0.43	*0.04*	75	**1.2**	*0.15*	0.14	*0.02*
USA, Illinois: White	731	**2.3**	*0.09*	0.29	*0.01*	503	**1.2**	*0.06*	0.14	*0.01*
USA, Indiana	419	**2.2**	*0.11*	0.27	*0.02*	276	**1.1**	*0.07*	0.13	*0.01*
USA, Iowa	249	**2.6**	*0.17*	0.30	*0.02*	171	**1.2**	*0.11*	0.13	*0.01*
USA, Kentucky	363	**2.8**	*0.15*	0.35	*0.02*	218	**1.3**	*0.09*	0.15	*0.01*
USA, Louisiana	446	**3.4**	*0.16*	0.42	*0.02*	212	**1.2**	*0.09*	0.13	*0.01*
USA, Louisiana: Black	136	**4.3**	*0.38*	0.53	*0.05*	50	**1.1**	*0.16*	0.11	*0.02*
USA, Louisiana: White	309	**3.1**	*0.18*	0.39	*0.03*	160	**1.2**	*0.10*	0.14	*0.01*
USA, Louisiana, New Orleans: Black	32	**3.4**	*0.61*	0.39	*0.08*	16	**1.2**	*0.32*	0.14	*0.04*
USA, Louisiana, New Orleans: White	59	**2.9**	*0.40*	0.36	*0.06*	33	**1.2**	*0.24*	0.15	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mouth (C03-06) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	136	**3.0**	*0.27*	0.37	*0.04*	77	**1.3**	*0.16*	0.15	*0.02*
USA, Massachusetts	523	**2.6**	*0.12*	0.31	*0.02*	335	**1.2**	*0.07*	0.15	*0.01*
USA, Michigan	773	**2.5**	*0.09*	0.30	*0.01*	558	**1.4**	*0.06*	0.15	*0.01*
USA, Michigan: Black	133	**4.1**	*0.36*	0.48	*0.05*	46	**1.0**	*0.16*	0.11	*0.02*
USA, Michigan: White	614	**2.2**	*0.09*	0.28	*0.01*	484	**1.3**	*0.07*	0.15	*0.01*
USA, Michigan, Detroit	370	**3.1**	*0.16*	0.37	*0.02*	240	**1.4**	*0.10*	0.16	*0.01*
USA, Michigan, Detroit: Black	119	**5.0**	*0.47*	0.58	*0.06*	38	**1.1**	*0.19*	0.13	*0.03*
USA, Michigan, Detroit: White	247	**2.6**	*0.17*	0.32	*0.02*	198	**1.5**	*0.12*	0.17	*0.02*
USA, Missouri	375	**2.1**	*0.11*	0.26	*0.02*	272	**1.1**	*0.07*	0.13	*0.01*
USA, Missouri: Black	46	**3.2**	*0.49*	0.36	*0.06*	16	**0.8**	*0.21*	0.10	*0.03*
USA, Missouri: White	324	**2.0**	*0.11*	0.25	*0.02*	254	**1.1**	*0.08*	0.13	*0.01*
USA, Montana	51	**1.6**	*0.23*	0.18	*0.03*	33	**0.8**	*0.15*	0.08	*0.02*
USA, NPCR	15646	**2.2**	*0.02*	0.27	*0.00*	10804	**1.1**	*0.01*	0.13	*0.00*
USA, NPCR: Black	1967	**3.2**	*0.07*	0.39	*0.01*	1005	**1.2**	*0.04*	0.14	*0.01*
USA, NPCR: White	13136	**2.1**	*0.02*	0.26	*0.00*	9372	**1.1**	*0.01*	0.13	*0.00*
USA, New Jersey	548	**2.1**	*0.09*	0.25	*0.01*	421	**1.1**	*0.06*	0.12	*0.01*
USA, New Jersey: Black	80	**2.9**	*0.33*	0.33	*0.04*	46	**1.1**	*0.17*	0.12	*0.02*
USA, New Jersey: White	447	**2.0**	*0.10*	0.24	*0.01*	358	**1.1**	*0.07*	0.12	*0.01*
USA, New Mexico	85	**1.5**	*0.17*	0.18	*0.02*	69	**0.9**	*0.12*	0.10	*0.02*
USA, New Mexico: American Indian	2	**0.6**	*0.43*	0.05	*0.05*	0	**-**	-	-	-
USA, New Mexico: Hispanic White	16	**1.0**	*0.24*	0.13	*0.04*	12	**0.6**	*0.18*	0.07	*0.02*
USA, New Mexico: Non-Hispanic White	65	**1.9**	*0.25*	0.22	*0.03*	56	**1.2**	*0.18*	0.13	*0.02*
USA, New York State	1288	**2.2**	*0.06*	0.25	*0.01*	929	**1.1**	*0.04*	0.13	*0.01*
USA, New York State: Black	218	**3.2**	*0.22*	0.36	*0.03*	115	**1.1**	*0.11*	0.13	*0.01*
USA, New York State: White	1024	**2.1**	*0.07*	0.25	*0.01*	788	**1.1**	*0.04*	0.13	*0.01*
USA, Ohio	738	**2.0**	*0.08*	0.25	*0.01*	507	**1.0**	*0.05*	0.12	*0.01*
USA, Ohio: Black	103	**3.4**	*0.34*	0.43	*0.05*	54	**1.3**	*0.18*	0.16	*0.03*
USA, Ohio: White	618	**1.8**	*0.08*	0.23	*0.01*	436	**1.0**	*0.05*	0.11	*0.01*
USA, Oklahoma	196	**1.7**	*0.13*	0.22	*0.02*	164	**1.0**	*0.08*	0.10	*0.01*
USA, Oregon	212	**1.9**	*0.14*	0.26	*0.02*	179	**1.1**	*0.10*	0.14	*0.01*
USA, Pennsylvania	984	**2.3**	*0.08*	0.28	*0.01*	640	**1.1**	*0.05*	0.12	*0.01*
USA, Pennsylvania: Black	112	**3.8**	*0.37*	0.45	*0.05*	66	**1.5**	*0.20*	0.17	*0.03*
USA, Pennsylvania: White	838	**2.1**	*0.08*	0.26	*0.01*	563	**1.0**	*0.05*	0.12	*0.01*
USA, Rhode Island	74	**2.1**	*0.26*	0.28	*0.04*	44	**0.9**	*0.16*	0.11	*0.02*
USA, SEER (9 Registries)	1762	**2.2**	*0.05*	0.26	*0.01*	1309	**1.2**	*0.04*	0.14	*0.01*
USA, SEER (9 Registries): Black	233	**3.5**	*0.24*	0.41	*0.03*	118	**1.3**	*0.13*	0.15	*0.02*
USA, SEER (9 Registries): White	1429	**2.1**	*0.06*	0.26	*0.01*	1114	**1.2**	*0.04*	0.14	*0.01*
USA, SEER (14 Registries)	4669	**2.1**	*0.03*	0.26	*0.00*	3368	**1.1**	*0.02*	0.13	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	180	**1.0**	*0.08*	0.12	*0.01*	144	**0.6**	*0.05*	0.07	*0.01*
USA, SEER (14 Registries): Black	606	**3.3**	*0.14*	0.40	*0.02*	304	**1.2**	*0.07*	0.13	*0.01*
USA, SEER (14 Registries): Hispanic White	265	**1.2**	*0.08*	0.15	*0.01*	178	**0.7**	*0.05*	0.08	*0.01*
USA, SEER (14 Registries): Non-Hispanic White	3560	**2.2**	*0.04*	0.27	*0.01*	2681	**1.2**	*0.03*	0.14	*0.00*
USA, South Carolina	361	**2.9**	*0.15*	0.33	*0.02*	215	**1.3**	*0.09*	0.14	*0.01*
USA, South Carolina: Black	134	**4.9**	*0.44*	0.61	*0.06*	53	**1.4**	*0.20*	0.17	*0.03*
USA, South Carolina: White	221	**2.2**	*0.15*	0.25	*0.02*	159	**1.2**	*0.11*	0.13	*0.01*
USA, Texas	1226	**2.1**	*0.06*	0.27	*0.01*	771	**1.1**	*0.04*	0.13	*0.01*
USA, Texas: Black	136	**2.6**	*0.23*	0.33	*0.03*	76	**1.1**	*0.13*	0.13	*0.02*
USA, Texas: White	1061	**2.1**	*0.07*	0.26	*0.01*	672	**1.1**	*0.04*	0.13	*0.01*
USA, Utah	70	**1.3**	*0.16*	0.16	*0.02*	62	**0.9**	*0.13*	0.11	*0.02*
USA, Vermont	44	**2.1**	*0.33*	0.27	*0.05*	20	**0.7**	*0.17*	0.10	*0.03*
USA, Washington State	389	**2.1**	*0.11*	0.26	*0.02*	317	**1.3**	*0.08*	0.14	*0.01*
USA, Washington, Seattle	261	**2.1**	*0.13*	0.24	*0.02*	210	**1.2**	*0.10*	0.13	*0.01*
USA, West Virginia	169	**2.6**	*0.21*	0.32	*0.03*	106	**1.2**	*0.13*	0.13	*0.02*
USA, Wisconsin	436	**2.5**	*0.12*	0.29	*0.02*	305	**1.3**	*0.08*	0.16	*0.01*
Asia										
Bahrain: Bahraini	7	**1.3**	*0.49*	0.18	*0.08*	3	**0.5**	*0.28*	0.10	*0.07*
China, Guangzhou City	89	**1.7**	*0.18*	0.17	*0.02*	48	**0.8**	*0.11*	0.09	*0.02**
China, Hong Kong	334	**1.6**	*0.09*	0.19	*0.01*	165	**0.7**	*0.06*	0.08	*0.01*
China, Jiashan	8	**0.6**	*0.21*	0.07	*0.03*	2	**0.1**	*0.06*	-	- *
China, Nangang District, Harbin City	11	**0.4**	*0.13*	0.06	*0.02*	9	**0.4**	*0.12*	0.04	*0.02*
China, Shanghai	176	**0.8**	*0.06*	0.09	*0.01*	176	**0.6**	*0.05*	0.07	*0.01**
China, Zhongshan	44	**1.3**	*0.21*	0.16	*0.03*	12	**0.4**	*0.11*	0.05	*0.01**
Cyprus	17	**0.8**	*0.20*	0.09	*0.03*	9	**0.3**	*0.11*	0.03	*0.01**
India, Chennai (Madras)	548	**6.0**	*0.26*	0.73	*0.04*	441	**5.2**	*0.25*	0.68	*0.04*
India, New Delhi	821	**3.9**	*0.15*	0.46	*0.02*	323	**1.8**	*0.10*	0.22	*0.02**
India, Karunagappally	60	**7.1**	*0.92*	0.86	*0.13*	50	**5.4**	*0.77*	0.69	*0.11*
India, Mumbai (Bombay)	1460	**6.1**	*0.17*	0.72	*0.02*	735	**3.7**	*0.14*	0.44	*0.02*
India, Nagpur	224	**5.5**	*0.38*	0.63	*0.05*	130	**3.4**	*0.30*	0.41	*0.04**
India, Poona	449	**6.7**	*0.33*	0.82	*0.05*	315	**5.0**	*0.29*	0.60	*0.04**
India, Trivandrum	247	**9.2**	*0.59*	1.15	*0.09*	124	**4.1**	*0.37*	0.52	*0.06**
Israel	161	**1.0**	*0.08*	0.12	*0.01*	127	**0.6**	*0.06*	0.07	*0.01*
Israel: Jews	140	**1.0**	*0.09*	0.12	*0.01*	116	**0.6**	*0.06*	0.07	*0.01*
Israel: Non-Jews	18	**1.2**	*0.29*	0.15	*0.04*	4	**0.2**	*0.12*	0.03	*0.02*
Japan, Aichi Prefecture	33	**0.8**	*0.15*	0.10	*0.02*	41	**0.9**	*0.15*	0.12	*0.02*
Japan, Fukui Prefecture	39	**0.9**	*0.15*	0.12	*0.02*	20	**0.3**	*0.09*	0.03	*0.01*
Japan, Hiroshima	81	**1.9**	*0.22*	0.24	*0.03*	29	**0.5**	*0.10*	0.04	*0.01*
Japan, Miyagi Prefecture	137	**1.3**	*0.11*	0.17	*0.02*	91	**0.6**	*0.07*	0.06	*0.01*
Japan, Nagasaki Prefecture	131	**1.9**	*0.18*	0.25	*0.02*	75	**0.8**	*0.10*	0.09	*0.01*
Japan, Osaka Prefecture	510	**1.4**	*0.06*	0.17	*0.01*	341	**0.7**	*0.04*	0.08	*0.01*
Japan, Yamagata Prefecture	72	**1.2**	*0.16*	0.13	*0.02*	39	**0.4**	*0.08*	0.04	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mouth (C03-06) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	1264	**1.5**	*0.04*	0.18	*0.01*	634	**0.5**	*0.02*	0.05	*0.00*
Korea, Busan	98	**1.3**	*0.15*	0.16	*0.02*	54	**0.5**	*0.07*	0.06	*0.01*
Korea, Daegu	74	**1.4**	*0.18*	0.17	*0.03*	31	**0.4**	*0.08*	0.05	*0.01*
Korea, Daejeon	29	**1.2**	*0.24*	0.15	*0.03*	17	**0.5**	*0.11*	0.05	*0.01*
Korea, Gwangju	38	**1.6**	*0.27*	0.20	*0.04*	26	**0.6**	*0.13*	0.05	*0.02*
Korea, Incheon	66	**1.4**	*0.19*	0.17	*0.03*	21	**0.3**	*0.07*	0.03	*0.01*
Korea, Jejudo	17	**2.5**	*0.65*	0.34	*0.10*	5	**0.4**	*0.17*	0.03	*0.02*
Korea, Seoul	274	**1.4**	*0.09*	0.17	*0.01*	151	**0.6**	*0.05*	0.06	*0.01*
Korea, Ulsan	14	**1.3**	*0.40*	0.11	*0.04*	10	**0.6**	*0.20*	0.07	*0.03*
Kuwait: Kuwaitis	10	**1.0**	*0.33*	0.08	*0.03*	4	**0.4**	*0.19*	0.06	*0.04*
Kuwait: Non-Kuwaitis	21	**0.7**	*0.28*	0.11	*0.06*	7	**0.8**	*0.42*	0.07	*0.05*
Malaysia, Penang	35	**1.7**	*0.30*	0.27	*0.05*	25	**1.2**	*0.24*	0.17	*0.04*
Malaysia, Sarawak	34	**1.0**	*0.17*	0.14	*0.03*	48	**1.4**	*0.20*	0.18	*0.03*
Oman: Omani	16	**0.9**	*0.24*	0.10	*0.03*	9	**0.5**	*0.18*	0.06	*0.02**
Pakistan, South Karachi	440	**15.3**	*0.78*	1.73	*0.11*	249	**12.3**	*0.83*	1.42	*0.11**
Philippines, Manila	125	**1.8**	*0.18*	0.22	*0.03*	129	**1.7**	*0.15*	0.21	*0.02**
Singapore	119	**1.5**	*0.14*	0.18	*0.02*	64	**0.7**	*0.09*	0.07	*0.01*
Singapore: Chinese	93	**1.5**	*0.16*	0.19	*0.02*	45	**0.6**	*0.09*	0.05	*0.01*
Singapore: Indian	21	**2.8**	*0.63*	0.26	*0.07*	13	**2.8**	*0.81*	0.31	*0.10*
Singapore: Malay	5	**0.5**	*0.24*	0.08	*0.04*	6	**0.6**	*0.26*	0.05	*0.03*
Thailand, Chiang Mai	79	**2.0**	*0.23*	0.21	*0.03*	67	**1.6**	*0.20*	0.18	*0.03**
Thailand, Lampang	29	**1.3**	*0.25*	0.10	*0.03*	43	**1.7**	*0.27*	0.16	*0.03**
Thailand, Songkhla	124	**4.6**	*0.42*	0.53	*0.06*	47	**1.5**	*0.22*	0.19	*0.03*
Turkey, Antalya	17	**0.6**	*0.15*	0.06	*0.02*	12	**0.4**	*0.11*	0.05	*0.02**
Turkey, Izmir	64	**0.8**	*0.10*	0.10	*0.01*	55	**0.7**	*0.09*	0.09	*0.01**
Europe										
Austria	727	**2.7**	*0.10*	0.31	*0.01*	252	**0.7**	*0.05*	0.08	*0.01*
Austria, Tyrol	78	**3.6**	*0.41*	0.40	*0.05*	26	**1.1**	*0.24*	0.11	*0.02*
Austria, Vorarlberg	26	**2.4**	*0.48*	0.29	*0.06*	13	**1.1**	*0.30*	0.12	*0.04*
Belarus	1050	**3.7**	*0.12*	0.45	*0.01*	131	**0.3**	*0.03*	0.03	*0.00**
Belgium, Antwerp	158	**2.6**	*0.21*	0.31	*0.03*	65	**0.8**	*0.11*	0.10	*0.02**
Belgium, Flanders	597	**3.5**	*0.15*	0.40	*0.02*	194	**0.9**	*0.07*	0.11	*0.01*
Bulgaria	578	**2.0**	*0.08*	0.23	*0.01*	124	**0.3**	*0.04*	0.03	*0.00**
Croatia	513	**3.3**	*0.15*	0.40	*0.02*	129	**0.7**	*0.06*	0.07	*0.01*
Czech Republic	849	**2.5**	*0.09*	0.28	*0.01*	249	**0.6**	*0.04*	0.06	*0.00*
Denmark	604	**3.1**	*0.13*	0.36	*0.02*	362	**1.4**	*0.08*	0.17	*0.01*
Estonia	132	**3.1**	*0.27*	0.39	*0.04*	40	**0.5**	*0.09*	0.06	*0.01*
Finland	256	**1.3**	*0.09*	0.15	*0.01*	204	**0.8**	*0.06*	0.08	*0.01*
France, Bas-Rhin	224	**6.8**	*0.46*	0.81	*0.06*	51	**1.3**	*0.20*	0.15	*0.02*
France, Calvados	143	**6.9**	*0.59*	0.84	*0.08*	39	**1.6**	*0.27*	0.18	*0.03*
France, Doubs	100	**6.0**	*0.61*	0.75	*0.08*	29	**1.3**	*0.27*	0.12	*0.03*
France, Haut-Rhin	123	**5.0**	*0.45*	0.60	*0.06*	38	**1.4**	*0.24*	0.16	*0.03*
France, Herault	148	**4.6**	*0.39*	0.52	*0.05*	59	**1.4**	*0.20*	0.15	*0.02*
France, Isere	165	**4.5**	*0.36*	0.51	*0.04*	55	**1.3**	*0.20*	0.13	*0.02*
France, Loire-Atlantique	279	**7.4**	*0.45*	0.82	*0.06*	53	**0.9**	*0.15*	0.09	*0.02*
France, Manche	120	**7.5**	*0.70*	0.85	*0.08*	16	**0.6**	*0.18*	0.04	*0.02*
France, Somme	143	**7.9**	*0.68*	0.90	*0.08*	30	**1.4**	*0.28*	0.15	*0.03*
France, Tarn	48	**3.3**	*0.51*	0.36	*0.06*	25	**1.3**	*0.32*	0.13	*0.03*
France, Vendee	107	**5.4**	*0.54*	0.59	*0.06*	13	**0.5**	*0.19*	0.06	*0.02*
Germany, Brandenburg	272	**2.8**	*0.17*	0.31	*0.02*	81	**0.7**	*0.09*	0.08	*0.01*
Germany, Free State of Saxony	508	**3.0**	*0.14*	0.34	*0.02*	154	**0.6**	*0.06*	0.07	*0.01*
Germany, Hamburg	215	**3.4**	*0.24*	0.40	*0.03*	109	**1.3**	*0.14*	0.15	*0.02*
Germany, Mecklenburg-Western Pomerania	285	**4.4**	*0.26*	0.50	*0.03*	54	**0.7**	*0.10*	0.08	*0.01*
Germany, Munich	289	**3.3**	*0.20*	0.37	*0.02*	120	**1.1**	*0.11*	0.13	*0.01*
Germany, Northrhine-Westphalia: Munster	276	**2.9**	*0.18*	0.35	*0.02*	110	**0.9**	*0.10*	0.11	*0.01*
Germany, Saarland	230	**5.7**	*0.39*	0.65	*0.05*	64	**1.3**	*0.17*	0.16	*0.02*
Iceland	14	**1.6**	*0.44*	0.23	*0.07*	17	**1.2**	*0.33*	0.11	*0.05*
Ireland	214	**1.9**	*0.13*	0.23	*0.02*	108	**0.7**	*0.08*	0.08	*0.01*
Italy, Biella Province	25	**3.1**	*0.64*	0.34	*0.08*	4	**0.2**	*0.13*	0.05	*0.03*
Italy, Brescia Province	62	**2.6**	*0.34*	0.31	*0.04*	32	**1.1**	*0.23*	0.13	*0.03*
Italy, Ferrara Province	41	**2.4**	*0.40*	0.33	*0.05*	19	**0.9**	*0.23*	0.12	*0.03*
Italy, Florence and Prato	98	**1.8**	*0.20*	0.22	*0.03*	61	**0.9**	*0.14*	0.10	*0.02*
Italy, Genoa Province	58	**2.2**	*0.31*	0.26	*0.04*	39	**1.0**	*0.19*	0.11	*0.02*
Italy, Macerata Province	7	**1.0**	*0.38*	0.11	*0.05*	1	**0.2**	*0.17*	0.02	*0.02*
Italy, Milan	75	**1.7**	*0.20*	0.21	*0.03*	56	**0.7**	*0.11*	0.07	*0.01*
Italy, Modena Province	43	**1.6**	*0.26*	0.19	*0.03*	19	**0.7**	*0.21*	0.07	*0.02*
Italy, Naples	21	**1.4**	*0.30*	0.15	*0.04*	15	**0.8**	*0.22*	0.08	*0.03*
Italy, North East Cancer Surveillance Network	355	**4.1**	*0.22*	0.50	*0.03*	151	**1.4**	*0.13*	0.16	*0.02*
Italy, Parma Province	46	**2.8**	*0.43*	0.33	*0.05*	21	**0.8**	*0.21*	0.09	*0.03*
Italy, Ragusa Province	16	**1.5**	*0.39*	0.18	*0.05*	8	**0.6**	*0.21*	0.07	*0.03*
Italy, Reggio Emilia Province	40	**1.8**	*0.31*	0.24	*0.04*	28	**0.9**	*0.20*	0.10	*0.03*
Italy, Romagna Region	70	**1.5**	*0.19*	0.18	*0.02*	37	**0.5**	*0.09*	0.04	*0.01*
Italy, Salerno Province	35	**1.1**	*0.19*	0.13	*0.02*	17	**0.4**	*0.11*	0.04	*0.01*
Italy, Sassari Province	31	**1.8**	*0.33*	0.21	*0.04*	16	**0.8**	*0.24*	0.07	*0.02*
Italy, Syracuse Province	14	**1.0**	*0.29*	0.11	*0.04*	5	**0.3**	*0.17*	0.03	*0.02*
Italy, Sondrio	24	**3.6**	*0.74*	0.48	*0.10*	11	**1.4**	*0.47*	0.18	*0.06*
Italy, Torino	108	**2.7**	*0.28*	0.33	*0.04*	67	**1.2**	*0.18*	0.13	*0.02*
Italy, Umbria Region	56	**1.5**	*0.21*	0.19	*0.03*	32	**0.5**	*0.11*	0.07	*0.02*
Italy, Varese Province	53	**2.8**	*0.39*	0.31	*0.05*	21	**0.7**	*0.18*	0.09	*0.02*
Italy, Veneto Region	283	**4.5**	*0.27*	0.55	*0.04*	108	**1.1**	*0.13*	0.13	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mouth (C03-06) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	188	**2.5**	*0.19*	0.32	*0.02*	39	**0.3**	*0.06*	0.03	*0.01*
Lithuania	297	**3.0**	*0.18*	0.35	*0.02*	59	**0.4**	*0.05*	0.04	*0.01*
Malta	18	**1.4**	*0.34*	0.14	*0.04*	21	**1.1**	*0.26*	0.13	*0.04*
Norway	241	**1.5**	*0.10*	0.18	*0.01*	191	**0.8**	*0.07*	0.10	*0.01*
Poland, Cracow	42	**1.8**	*0.27*	0.21	*0.04*	17	**0.5**	*0.13*	0.05	*0.01**
Poland, Kielce	76	**1.9**	*0.22*	0.25	*0.03*	18	**0.3**	*0.09*	0.05	*0.01*
Poland, Warsaw City	110	**2.0**	*0.19*	0.23	*0.02*	46	**0.6**	*0.09*	0.07	*0.01*
Portugal, Porto	256	**2.7**	*0.17*	0.31	*0.02*	68	**0.5**	*0.07*	0.05	*0.01**
Portugal, South Regional	297	**3.1**	*0.18*	0.35	*0.02*	76	**0.5**	*0.06*	0.06	*0.01*
Russia, St Petersburg	506	**3.7**	*0.16*	0.45	*0.02*	108	**0.5**	*0.05*	0.05	*0.01*
Serbia	281	**1.7**	*0.11*	0.20	*0.01*	219	**1.4**	*0.10*	0.13	*0.01*
Slovak Republic	761	**4.9**	*0.18*	0.57	*0.02*	106	**0.5**	*0.05*	0.06	*0.01*
Slovenia	300	**4.4**	*0.26*	0.51	*0.03*	68	**0.8**	*0.11*	0.10	*0.01*
Spain, Albacete	27	**2.6**	*0.53*	0.29	*0.06*	8	**0.7**	*0.29*	0.06	*0.03*
Spain, Asturias	109	**2.6**	*0.26*	0.31	*0.03*	50	**0.9**	*0.16*	0.10	*0.02*
Spain, Basque Country	335	**5.5**	*0.31*	0.64	*0.04*	86	**1.0**	*0.12*	0.11	*0.02*
Spain, Canary Islands	216	**5.0**	*0.34*	0.63	*0.05*	38	**0.8**	*0.13*	0.08	*0.02*
Spain, Cuenca	16	**2.0**	*0.56*	0.21	*0.06*	5	**0.4**	*0.24*	0.05	*0.03*
Spain, Girona	60	**2.8**	*0.38*	0.32	*0.05*	21	**0.7**	*0.18*	0.08	*0.02*
Spain, Granada	76	**2.8**	*0.34*	0.35	*0.04*	24	**0.7**	*0.16*	0.07	*0.02*
Spain, Murcia	152	**4.3**	*0.36*	0.54	*0.05*	46	**1.0**	*0.16*	0.11	*0.02*
Spain, Navarra	53	**2.5**	*0.36*	0.29	*0.05*	25	**0.9**	*0.21*	0.10	*0.03*
Spain, Tarragona	71	**3.9**	*0.50*	0.46	*0.06*	10	**0.4**	*0.14*	0.05	*0.02*
Spain, Zaragoza	78	**2.4**	*0.29*	0.27	*0.03*	32	**0.7**	*0.15*	0.08	*0.02*
Sweden	486	**1.3**	*0.06*	0.15	*0.01*	395	**0.8**	*0.05*	0.09	*0.01*
Switzerland, Geneva	70	**4.9**	*0.59*	0.59	*0.08*	32	**1.7**	*0.33*	0.22	*0.05*
Switzerland, Graubunden and Glarus	17	**2.0**	*0.50*	0.22	*0.06*	17	**1.5**	*0.42*	0.18	*0.05*
Switzerland, Neuchatel	22	**3.7**	*0.81*	0.46	*0.10*	14	**2.1**	*0.62*	0.21	*0.07*
Switzerland, St Gall-Appenzell	33	**1.9**	*0.33*	0.26	*0.05*	20	**1.0**	*0.23*	0.12	*0.03*
Switzerland, Ticino	30	**2.6**	*0.49*	0.27	*0.06*	20	**1.3**	*0.33*	0.15	*0.04*
Switzerland, Valais	39	**4.2**	*0.67*	0.47	*0.08*	10	**0.9**	*0.31*	0.11	*0.04*
Switzerland, Vaud	113	**5.3**	*0.51*	0.63	*0.06*	46	**1.6**	*0.26*	0.20	*0.03*
The Netherlands	1265	**2.3**	*0.07*	0.28	*0.01*	923	**1.4**	*0.05*	0.16	*0.01*
The Netherlands, Eindhoven	79	**2.2**	*0.25*	0.27	*0.03*	46	**1.1**	*0.17*	0.12	*0.02*
The Netherlands, Maastricht	81	**2.4**	*0.27*	0.28	*0.03*	36	**1.0**	*0.19*	0.12	*0.02*
UK, East of England Region	151	**1.4**	*0.12*	0.15	*0.01*	115	**0.9**	*0.09*	0.10	*0.01*
UK, England, Merseyside and Cheshire	214	**2.4**	*0.17*	0.29	*0.02*	123	**1.1**	*0.11*	0.12	*0.01*
UK, England, North Western	378	**2.6**	*0.14*	0.30	*0.02*	234	**1.3**	*0.09*	0.15	*0.01*
UK, England, Northern and Yorkshire	504	**2.1**	*0.10*	0.25	*0.01*	305	**1.0**	*0.06*	0.11	*0.01*
UK, England, Oxford Region	121	**1.2**	*0.12*	0.14	*0.02*	104	**0.9**	*0.09*	0.10	*0.01*
UK, England, South and Western Regions	403	**1.4**	*0.08*	0.17	*0.01*	314	**0.9**	*0.06*	0.10	*0.01*
UK, England, Thames	774	**1.6**	*0.06*	0.18	*0.01*	555	**0.8**	*0.04*	0.09	*0.01*
UK, England, Trent	326	**1.8**	*0.10*	0.21	*0.01*	212	**0.9**	*0.07*	0.11	*0.01*
UK, England, West Midlands	290	**1.5**	*0.09*	0.17	*0.01*	244	**1.0**	*0.07*	0.12	*0.01*
UK, Northern Ireland	100	**1.9**	*0.19*	0.22	*0.03*	82	**1.1**	*0.13*	0.12	*0.02*
UK, Scotland	625	**3.4**	*0.14*	0.42	*0.02*	362	**1.5**	*0.09*	0.18	*0.01*
Oceania										
Australia, New South Wales	470	**2.1**	*0.10*	0.26	*0.01*	308	**1.1**	*0.07*	0.13	*0.01*
Australia, Northern Territory	14	**3.0**	*0.86*	0.36	*0.11*	6	**2.3**	*0.97*	0.34	*0.15*
Australia, Queensland	276	**2.4**	*0.15*	0.29	*0.02*	158	**1.2**	*0.10*	0.14	*0.01*
Australia, South	101	**1.8**	*0.18*	0.21	*0.03*	69	**1.0**	*0.14*	0.11	*0.02*
Australia, Tasmania	44	**2.7**	*0.41*	0.36	*0.06*	28	**1.3**	*0.28*	0.14	*0.03*
Australia, Victoria	333	**2.1**	*0.12*	0.28	*0.02*	233	**1.2**	*0.09*	0.13	*0.01*
Australia, Western	137	**2.3**	*0.20*	0.28	*0.03*	65	**0.9**	*0.12*	0.11	*0.02*
Australian Capital Territory	20	**2.1**	*0.49*	0.23	*0.06*	12	**1.2**	*0.36*	0.17	*0.06*
French Polynesia	11	**2.5**	*0.76*	0.37	*0.13*	5	**1.1**	*0.50*	0.15	*0.08*
New Zealand	186	**1.5**	*0.11*	0.19	*0.02*	142	**0.9**	*0.08*	0.11	*0.01*
USA, Hawaii	82	**1.8**	*0.21*	0.20	*0.03*	45	**0.9**	*0.15*	0.11	*0.02*
USA, Hawaii: Chinese	5	**1.5**	*0.78*	0.09	*0.05*	1	**0.3**	*0.33*	0.03	*0.03*
USA, Hawaii: Filipino	8	**1.2**	*0.47*	0.16	*0.07*	9	**1.2**	*0.42*	0.14	*0.06*
USA, Hawaii: Hawaiian	8	**1.7**	*0.61*	0.22	*0.09*	3	**0.5**	*0.29*	0.04	*0.03*
USA, Hawaii: Japanese	21	**1.2**	*0.31*	0.12	*0.04*	9	**0.5**	*0.19*	0.06	*0.03*
USA, Hawaii: White	33	**2.7**	*0.50*	0.30	*0.07*	20	**1.7**	*0.41*	0.22	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Salivary glands (C07-08)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	5	**0.3**	*0.12*	-	-	4	**0.2**	*0.09*	-	- *
Egypt, Gharbiah	33	**0.7**	*0.14*	-	-	27	**0.6**	*0.11*	-	-
Tunisia, Centre, Sousse	8	**0.9**	*0.32*	-	-	4	**0.4**	*0.21*	-	- *
Uganda, Kyadondo County	12	**0.6**	*0.21*	-	-	6	**0.4**	*0.23*	-	- *
Zimbabwe, Harare: African	16	**0.4**	*0.16*	-	-	20	**0.7**	*0.22*	-	- *
America, Central and South										
Argentina, Bahia Blanca	8	**0.9**	*0.34*	0.10	*0.04*	9	**1.0**	*0.36*	0.09	*0.03*
Brazil, Brasilia	28	**1.1**	*0.24*	0.09	*0.02*	34	**1.1**	*0.20*	0.13	*0.03*
Brazil, Cuiaba	6	**0.8**	*0.37*	0.09	*0.05*	5	**0.7**	*0.31*	0.07	*0.04*
Brazil, Goiania	14	**0.9**	*0.26*	0.07	*0.02*	12	**0.6**	*0.19*	0.10	*0.03*
Brazil, Sao Paulo	231	**1.1**	*0.07*	0.11	*0.01*	257	**0.9**	*0.06*	0.09	*0.01*
Chile, Valdivia	5	**0.5**	*0.24*	0.04	*0.03*	7	**0.7**	*0.27*	0.08	*0.04*
Colombia, Cali	31	**0.9**	*0.16*	0.09	*0.02*	33	**0.7**	*0.13*	0.08	*0.02*
Costa Rica	39	**0.5**	*0.08*	0.05	*0.01*	56	**0.6**	*0.09*	0.07	*0.01*
Ecuador, Quito	8	**0.3**	*0.11*	0.03	*0.01*	8	**0.2**	*0.09*	0.03	*0.01*
France, La Martinique	10	**1.0**	*0.31*	0.14	*0.05*	10	**0.7**	*0.24*	0.06	*0.02*
Peru, Trujillo	2	**0.2**	*0.13*	-	-	2	**0.1**	*0.10*	0.01	*0.01* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	722	**0.9**	*0.03*	0.09	*0.00*	552	**0.6**	*0.03*	0.06	*0.00*
Canada, Alberta	48	**0.5**	*0.07*	0.05	*0.01*	49	**0.5**	*0.07*	0.04	*0.01*
Canada, British Columbia	96	**0.6**	*0.07*	0.08	*0.01*	82	**0.6**	*0.07*	0.05	*0.01*
Canada, Manitoba	35	**0.8**	*0.14*	0.09	*0.02*	21	**0.5**	*0.13*	0.05	*0.01*
Canada, New Brunswick	28	**1.0**	*0.19*	0.07	*0.02*	15	**0.5**	*0.14*	0.05	*0.02*
Canada, Newfoundland and Labrador	17	**0.9**	*0.21*	0.06	*0.02*	11	**0.5**	*0.15*	0.05	*0.02*
Canada, Northwest Territories	0	**-**	-	-	-	1	**1.3**	*1.31*	0.16	*0.16*
Canada, Nova Scotia	22	**0.6**	*0.14*	0.08	*0.02*	16	**0.4**	*0.11*	0.03	*0.01*
Canada, Ontario	436	**1.1**	*0.05*	0.11	*0.01*	322	**0.8**	*0.05*	0.08	*0.01*
Canada, Prince Edward Island	3	**0.6**	*0.35*	0.12	*0.07*	8	**1.3**	*0.51*	0.12	*0.05*
Canada, Saskatchewan	37	**0.9**	*0.15*	0.10	*0.02*	27	**0.7**	*0.14*	0.08	*0.02*
USA, Alabama	142	**0.9**	*0.08*	0.10	*0.01*	107	**0.6**	*0.06*	0.06	*0.01*
USA, Alabama: Black	19	**0.7**	*0.17*	0.09	*0.02*	21	**0.6**	*0.13*	0.06	*0.01*
USA, Alabama: White	120	**1.0**	*0.09*	0.11	*0.01*	80	**0.6**	*0.07*	0.06	*0.01*
USA, Alaska	13	**0.7**	*0.20*	0.08	*0.03*	13	**0.8**	*0.24*	0.09	*0.03*
USA, Arizona	160	**0.9**	*0.07*	0.09	*0.01*	110	**0.6**	*0.06*	0.07	*0.01*
USA, California	998	**1.0**	*0.03*	0.11	*0.00*	690	**0.6**	*0.02*	0.06	*0.00*
USA, California: Asian and Pacific Islander	64	**0.6**	*0.07*	0.07	*0.01*	76	**0.6**	*0.07*	0.07	*0.01*
USA, California: Black	41	**0.7**	*0.11*	0.07	*0.01*	44	**0.6**	*0.10*	0.07	*0.01*
USA, California: Hispanic White	89	**0.5**	*0.06*	0.05	*0.01*	91	**0.4**	*0.05*	0.04	*0.01*
USA, California: Non-Hispanic White	789	**1.2**	*0.05*	0.13	*0.01*	459	**0.7**	*0.04*	0.07	*0.00*
USA, California, Greater San Francisco Bay Area	216	**1.0**	*0.07*	0.11	*0.01*	169	**0.7**	*0.06*	0.08	*0.01*
USA, California, Greater San Francisco Bay Area: Black	15	**1.1**	*0.28*	0.09	*0.03*	12	**0.8**	*0.23*	0.10	*0.03*
USA, California, Greater San Francisco Bay Area: Chinese	13	**0.8**	*0.23*	0.10	*0.03*	12	**0.6**	*0.19*	0.07	*0.02*
USA, California, Greater San Francisco Bay Area: Filipino	8	**0.9**	*0.32*	0.13	*0.05*	9	**0.8**	*0.26*	0.09	*0.03*
USA, California, Greater San Francisco Bay Area: Japanese	2	**0.6**	*0.45*	0.07	*0.07*	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	13	**0.5**	*0.16*	0.04	*0.01*	16	**0.6**	*0.16*	0.07	*0.02*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	159	**1.2**	*0.10*	0.13	*0.01*	101	**0.8**	*0.09*	0.09	*0.01*
USA, California, Los Angeles County	244	**0.9**	*0.06*	0.10	*0.01*	168	**0.5**	*0.04*	0.05	*0.01*
USA, California, Los Angeles County: Black	11	**0.4**	*0.14*	0.05	*0.02*	17	**0.5**	*0.13*	0.06	*0.02*
USA, California, Los Angeles County: Chinese	3	**0.4**	*0.20*	0.05	*0.03*	6	**0.6**	*0.27*	0.08	*0.03*
USA, California, Los Angeles County: Filipino	7	**1.0**	*0.38*	0.10	*0.05*	4	**0.4**	*0.19*	0.04	*0.02*
USA, California, Los Angeles County: Japanese	3	**0.5**	*0.33*	0.07	*0.05*	4	**0.7**	*0.37*	0.06	*0.04*
USA, California, Los Angeles County: Korean	4	**0.7**	*0.33*	0.07	*0.04*	3	**0.4**	*0.26*	0.07	*0.04*
USA, California, Los Angeles County: Hispanic White	38	**0.5**	*0.09*	0.06	*0.01*	37	**0.4**	*0.07*	0.03	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	171	**1.3**	*0.11*	0.15	*0.01*	89	**0.6**	*0.08*	0.06	*0.01*
USA, Colorado	116	**0.9**	*0.08*	0.09	*0.01*	98	**0.6**	*0.07*	0.07	*0.01*
USA, Connecticut	126	**1.0**	*0.09*	0.11	*0.01*	95	**0.7**	*0.08*	0.08	*0.01*
USA, Connecticut: Black	6	**0.8**	*0.35*	0.07	*0.05*	4	**0.4**	*0.21*	0.05	*0.03*
USA, Connecticut: White	118	**1.0**	*0.10*	0.11	*0.01*	89	**0.7**	*0.09*	0.08	*0.01*
USA, District of Columbia	19	**1.1**	*0.26*	0.11	*0.03*	13	**0.5**	*0.17*	0.06	*0.02*
USA, District of Columbia: Black	9	**0.9**	*0.30*	0.10	*0.04*	8	**0.6**	*0.21*	0.07	*0.03*
USA, District of Columbia: White	9	**1.4**	*0.50*	0.14	*0.06*	4	**0.4**	*0.22*	0.02	*0.02*
USA, Florida	806	**1.1**	*0.04*	0.12	*0.01*	491	**0.7**	*0.04*	0.07	*0.00*
USA, Florida: Black	42	**0.7**	*0.11*	0.07	*0.01*	45	**0.7**	*0.10*	0.08	*0.01*
USA, Florida: White	755	**1.2**	*0.05*	0.13	*0.01*	437	**0.7**	*0.04*	0.07	*0.00*
USA, Georgia	209	**0.9**	*0.06*	0.10	*0.01*	196	**0.7**	*0.05*	0.07	*0.01*
USA, Georgia: Black	37	**0.8**	*0.13*	0.09	*0.02*	44	**0.6**	*0.10*	0.06	*0.01*
USA, Georgia: White	169	**1.0**	*0.08*	0.11	*0.01*	148	**0.7**	*0.07*	0.07	*0.01*
USA, Georgia, Atlanta	72	**1.0**	*0.12*	0.11	*0.02*	67	**0.8**	*0.10*	0.08	*0.01*
USA, Georgia, Atlanta: Black	24	**1.3**	*0.28*	0.16	*0.04*	15	**0.5**	*0.13*	0.05	*0.02*
USA, Georgia, Atlanta: White	46	**0.9**	*0.14*	0.09	*0.02*	48	**0.9**	*0.14*	0.10	*0.02*
USA, Idaho	38	**0.9**	*0.14*	0.10	*0.02*	33	**0.7**	*0.14*	0.07	*0.01*
USA, Illinois	407	**1.0**	*0.05*	0.11	*0.01*	300	**0.7**	*0.04*	0.07	*0.01*
USA, Illinois: Black	35	**0.8**	*0.13*	0.09	*0.02*	29	**0.5**	*0.10*	0.05	*0.01*
USA, Illinois: White	358	**1.0**	*0.06*	0.11	*0.01*	257	**0.7**	*0.05*	0.07	*0.01*
USA, Indiana	185	**0.9**	*0.07*	0.10	*0.01*	147	**0.6**	*0.06*	0.06	*0.01*
USA, Iowa	113	**1.0**	*0.10*	0.09	*0.01*	86	**0.7**	*0.09*	0.07	*0.01*
USA, Kentucky	132	**1.0**	*0.09*	0.11	*0.01*	89	**0.6**	*0.07*	0.06	*0.01*
USA, Louisiana	157	**1.1**	*0.09*	0.12	*0.01*	94	**0.6**	*0.06*	0.06	*0.01*
USA, Louisiana: Black	28	**0.8**	*0.16*	0.09	*0.02*	28	**0.6**	*0.12*	0.06	*0.01*
USA, Louisiana: White	128	**1.2**	*0.12*	0.13	*0.02*	64	**0.5**	*0.07*	0.06	*0.01*
USA, Louisiana, New Orleans: Black	8	**0.8**	*0.29*	0.12	*0.05*	7	**0.5**	*0.21*	0.06	*0.03*
USA, Louisiana, New Orleans: White	21	**1.0**	*0.22*	0.12	*0.03*	11	**0.4**	*0.12*	0.04	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Salivary glands (C07-08) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	47	**0.9**	*0.14*	0.10	*0.02*	34	**0.7**	*0.13*	0.07	*0.01*
USA, Massachusetts	201	**0.9**	*0.07*	0.10	*0.01*	154	**0.6**	*0.06*	0.06	*0.01*
USA, Michigan	371	**1.1**	*0.06*	0.11	*0.01*	271	**0.7**	*0.05*	0.07	*0.01*
USA, Michigan: Black	31	**0.9**	*0.16*	0.09	*0.02*	29	**0.6**	*0.12*	0.06	*0.01*
USA, Michigan: White	332	**1.1**	*0.06*	0.11	*0.01*	237	**0.8**	*0.05*	0.08	*0.01*
USA, Michigan, Detroit	150	**1.1**	*0.09*	0.11	*0.01*	126	**0.9**	*0.08*	0.09	*0.01*
USA, Michigan, Detroit: Black	16	**0.6**	*0.15*	0.05	*0.02*	21	**0.6**	*0.14*	0.06	*0.02*
USA, Michigan, Detroit: White	132	**1.2**	*0.11*	0.12	*0.01*	101	**0.9**	*0.10*	0.10	*0.01*
USA, Missouri	196	**1.0**	*0.08*	0.11	*0.01*	125	**0.5**	*0.05*	0.06	*0.01*
USA, Missouri: Black	11	**0.8**	*0.25*	0.09	*0.03*	5	**0.3**	*0.13*	0.04	*0.02*
USA, Missouri: White	183	**1.0**	*0.08*	0.11	*0.01*	117	**0.6**	*0.06*	0.06	*0.01*
USA, Montana	26	**0.7**	*0.15*	0.07	*0.02*	22	**0.5**	*0.14*	0.05	*0.01*
USA, NPCR	7507	**1.0**	*0.01*	0.11	*0.00*	5454	**0.6**	*0.01*	0.07	*0.00*
USA, NPCR: Black	506	**0.8**	*0.04*	0.08	*0.00*	512	**0.6**	*0.03*	0.06	*0.00*
USA, NPCR: White	6735	**1.0**	*0.01*	0.11	*0.00*	4650	**0.6**	*0.01*	0.07	*0.00*
USA, New Jersey	313	**1.0**	*0.06*	0.11	*0.01*	253	**0.8**	*0.05*	0.08	*0.01*
USA, New Jersey: Black	35	**1.0**	*0.18*	0.08	*0.02*	28	**0.7**	*0.14*	0.08	*0.02*
USA, New Jersey: White	269	**1.1**	*0.07*	0.12	*0.01*	203	**0.7**	*0.06*	0.08	*0.01*
USA, New Mexico	53	**0.9**	*0.13*	0.10	*0.02*	33	**0.6**	*0.10*	0.06	*0.01*
USA, New Mexico: American Indian	3	**0.6**	*0.36*	0.05	*0.03*	3	**0.6**	*0.38*	0.06	*0.04*
USA, New Mexico: Hispanic White	13	**0.7**	*0.19*	0.06	*0.02*	11	**0.5**	*0.16*	0.06	*0.02*
USA, New Mexico: Non-Hispanic White	37	**1.0**	*0.17*	0.13	*0.03*	19	**0.6**	*0.16*	0.06	*0.02*
USA, New York State	669	**1.1**	*0.04*	0.12	*0.01*	523	**0.7**	*0.03*	0.07	*0.00*
USA, New York State: Black	58	**0.9**	*0.11*	0.09	*0.01*	56	**0.6**	*0.08*	0.06	*0.01*
USA, New York State: White	589	**1.1**	*0.05*	0.12	*0.01*	443	**0.7**	*0.04*	0.08	*0.00*
USA, Ohio	351	**0.9**	*0.05*	0.10	*0.01*	288	**0.6**	*0.04*	0.07	*0.00*
USA, Ohio: Black	26	**0.8**	*0.16*	0.09	*0.02*	27	**0.6**	*0.11*	0.05	*0.01*
USA, Ohio: White	313	**0.9**	*0.05*	0.09	*0.01*	247	**0.6**	*0.04*	0.07	*0.01*
USA, Oklahoma	131	**1.1**	*0.10*	0.12	*0.01*	78	**0.5**	*0.07*	0.06	*0.01*
USA, Oregon	128	**1.0**	*0.10*	0.11	*0.01*	90	**0.7**	*0.09*	0.08	*0.01*
USA, Pennsylvania	475	**1.0**	*0.05*	0.12	*0.01*	348	**0.7**	*0.04*	0.07	*0.00*
USA, Pennsylvania: Black	31	**1.0**	*0.18*	0.10	*0.02*	27	**0.6**	*0.12*	0.07	*0.02*
USA, Pennsylvania: White	430	**1.0**	*0.05*	0.11	*0.01*	310	**0.7**	*0.04*	0.07	*0.00*
USA, Rhode Island	28	**0.7**	*0.15*	0.08	*0.02*	33	**0.6**	*0.12*	0.05	*0.01*
USA, SEER (9 Registries)	884	**1.0**	*0.04*	0.11	*0.00*	707	**0.7**	*0.03*	0.08	*0.00*
USA, SEER (9 Registries): Black	63	**0.9**	*0.11*	0.09	*0.01*	57	**0.6**	*0.08*	0.07	*0.01*
USA, SEER (9 Registries): White	761	**1.1**	*0.04*	0.11	*0.01*	576	**0.8**	*0.04*	0.08	*0.00*
USA, SEER (14 Registries)	2345	**1.0**	*0.02*	0.11	*0.00*	1724	**0.7**	*0.02*	0.07	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	106	**0.6**	*0.06*	0.07	*0.01*	136	**0.7**	*0.06*	0.07	*0.01*
USA, SEER (14 Registries): Black	158	**0.8**	*0.06*	0.08	*0.01*	149	**0.6**	*0.05*	0.07	*0.01*
USA, SEER (14 Registries): Hispanic White	130	**0.5**	*0.05*	0.05	*0.01*	127	**0.4**	*0.04*	0.04	*0.01*
USA, SEER (14 Registries): Non-Hispanic White	1925	**1.1**	*0.03*	0.12	*0.00*	1270	**0.7**	*0.02*	0.07	*0.00*
USA, South Carolina	138	**1.1**	*0.09*	0.12	*0.01*	86	**0.6**	*0.07*	0.07	*0.01*
USA, South Carolina: Black	23	**0.8**	*0.17*	0.10	*0.03*	14	**0.4**	*0.10*	0.04	*0.01*
USA, South Carolina: White	112	**1.1**	*0.11*	0.12	*0.01*	71	**0.6**	*0.08*	0.07	*0.01*
USA, Texas	615	**1.0**	*0.04*	0.11	*0.01*	436	**0.6**	*0.03*	0.07	*0.00*
USA, Texas: Black	44	**0.8**	*0.12*	0.09	*0.02*	68	**1.0**	*0.12*	0.10	*0.01*
USA, Texas: White	558	**1.0**	*0.05*	0.12	*0.01*	360	**0.6**	*0.03*	0.06	*0.00*
USA, Utah	63	**1.1**	*0.15*	0.13	*0.02*	54	**0.8**	*0.12*	0.08	*0.01*
USA, Vermont	20	**0.9**	*0.21*	0.08	*0.03*	11	**0.4**	*0.14*	0.05	*0.02*
USA, Washington State	178	**1.0**	*0.07*	0.10	*0.01*	140	**0.7**	*0.06*	0.07	*0.01*
USA, Washington, Seattle	126	**1.0**	*0.09*	0.11	*0.01*	95	**0.7**	*0.07*	0.07	*0.01*
USA, West Virginia	72	**0.9**	*0.12*	0.10	*0.02*	37	**0.4**	*0.08*	0.04	*0.01*
USA, Wisconsin	167	**0.9**	*0.07*	0.09	*0.01*	141	**0.7**	*0.06*	0.08	*0.01*
Asia										
Bahrain: Bahraini	3	**0.4**	*0.26*	0.01	*0.01*	2	**0.2**	*0.13*	0.01	*0.01*
China, Guangzhou City	38	**0.6**	*0.11*	0.08	*0.02*	32	**0.5**	*0.09*	0.05	*0.01**
China, Hong Kong	146	**0.7**	*0.06*	0.07	*0.01*	116	**0.5**	*0.05*	0.05	*0.01*
China, Jiashan	2	**0.2**	*0.11*	0.02	*0.02*	5	**0.3**	*0.14*	0.05	*0.03**
China, Nangang District, Harbin City	5	**0.2**	*0.09*	0.02	*0.01*	2	**0.1**	*0.07*	0.00	*0.00*
China, Shanghai	143	**0.6**	*0.06*	0.06	*0.01*	130	**0.6**	*0.06*	0.06	*0.01**
China, Zhongshan	21	**0.6**	*0.13*	0.07	*0.02*	10	**0.3**	*0.09*	0.02	*0.01**
Cyprus	10	**0.4**	*0.12*	0.03	*0.02*	12	**0.6**	*0.16*	0.06	*0.02**
India, Chennai (Madras)	48	**0.5**	*0.08*	0.06	*0.01*	28	**0.3**	*0.06*	0.03	*0.01*
India, New Delhi	180	**0.8**	*0.06*	0.10	*0.01*	107	**0.5**	*0.05*	0.06	*0.01**
India, Karunagappally	5	**0.6**	*0.26*	0.09	*0.04*	5	**0.5**	*0.25*	0.07	*0.04*
India, Mumbai (Bombay)	129	**0.5**	*0.05*	0.06	*0.01*	85	**0.4**	*0.04*	0.04	*0.01*
India, Nagpur	18	**0.4**	*0.10*	0.06	*0.02*	11	**0.3**	*0.08*	0.03	*0.01**
India, Poona	29	**0.4**	*0.08*	0.04	*0.01*	25	**0.4**	*0.07*	0.04	*0.01**
India, Trivandrum	8	**0.3**	*0.11*	0.03	*0.01*	9	**0.3**	*0.09*	0.03	*0.01**
Israel	158	**0.9**	*0.08*	0.10	*0.01*	119	**0.6**	*0.06*	0.05	*0.01*
Israel: Jews	138	**0.9**	*0.08*	0.10	*0.01*	107	**0.5**	*0.06*	0.05	*0.01*
Israel: Non-Jews	12	**0.6**	*0.18*	0.05	*0.02*	8	**0.4**	*0.15*	0.03	*0.01*
Japan, Aichi Prefecture	22	**0.7**	*0.16*	0.06	*0.01*	15	**0.4**	*0.11*	0.04	*0.01*
Japan, Fukui Prefecture	12	**0.3**	*0.09*	0.04	*0.01*	8	**0.2**	*0.07*	0.02	*0.01*
Japan, Hiroshima	35	**0.9**	*0.16*	0.10	*0.02*	13	**0.3**	*0.08*	0.04	*0.01*
Japan, Miyagi Prefecture	49	**0.5**	*0.07*	0.05	*0.01*	34	**0.3**	*0.06*	0.04	*0.01*
Japan, Nagasaki Prefecture	44	**0.7**	*0.11*	0.09	*0.01*	35	**0.5**	*0.10*	0.05	*0.01*
Japan, Osaka Prefecture	120	**0.3**	*0.03*	0.04	*0.00*	69	**0.2**	*0.02*	0.01	*0.00*
Japan, Yamagata Prefecture	25	**0.4**	*0.08*	0.04	*0.01*	19	**0.3**	*0.08*	0.03	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Salivary glands (C07-08) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	553	**0.6**	*0.03*	0.07	*0.00*	427	**0.4**	*0.02*	0.04	*0.00*
Korea, Busan	51	**0.5**	*0.08*	0.06	*0.01*	31	**0.3**	*0.05*	0.03	*0.01*
Korea, Daegu	36	**0.6**	*0.10*	0.05	*0.01*	27	**0.4**	*0.08*	0.03	*0.01*
Korea, Daejeon	10	**0.3**	*0.11*	0.04	*0.01*	17	**0.5**	*0.12*	0.04	*0.01*
Korea, Gwangju	18	**0.7**	*0.18*	0.07	*0.02*	18	**0.5**	*0.11*	0.05	*0.02*
Korea, Incheon	29	**0.6**	*0.12*	0.06	*0.02*	26	**0.4**	*0.08*	0.03	*0.01*
Korea, Jejudo	5	**0.7**	*0.32*	0.08	*0.05*	3	**0.4**	*0.23*	0.03	*0.02*
Korea, Seoul	156	**0.7**	*0.06*	0.08	*0.01*	136	**0.5**	*0.04*	0.05	*0.01*
Korea, Ulsan	10	**0.7**	*0.22*	0.08	*0.03*	11	**0.6**	*0.19*	0.09	*0.03*
Kuwait: Kuwaitis	6	**0.5**	*0.22*	0.05	*0.03*	9	**0.6**	*0.20*	0.07	*0.04*
Kuwait: Non-Kuwaitis	12	**0.5**	*0.27*	0.09	*0.06*	9	**0.7**	*0.37*	0.04	*0.03*
Malaysia, Penang	21	**1.0**	*0.23*	0.12	*0.03*	19	**0.7**	*0.17*	0.07	*0.02*
Malaysia, Sarawak	15	**0.3**	*0.09*	0.03	*0.01*	21	**0.6**	*0.12*	0.07	*0.02*
Oman: Omani	8	**0.4**	*0.16*	0.04	*0.02*	7	**0.3**	*0.13*	0.03	*0.01**
Pakistan, South Karachi	35	**1.0**	*0.18*	0.09	*0.02*	25	**1.1**	*0.24*	0.12	*0.03**
Philippines, Manila	70	**0.8**	*0.11*	0.10	*0.02*	64	**0.7**	*0.10*	0.08	*0.01**
Singapore	60	**0.7**	*0.09*	0.08	*0.01*	48	**0.5**	*0.08*	0.06	*0.01*
Singapore: Chinese	52	**0.8**	*0.11*	0.09	*0.02*	44	**0.6**	*0.09*	0.07	*0.01*
Singapore: Indian	4	**0.6**	*0.31*	0.05	*0.03*	2	**0.2**	*0.17*	0.02	*0.01*
Singapore: Malay	4	**0.4**	*0.18*	0.04	*0.02*	2	**0.2**	*0.16*	0.03	*0.02*
Thailand, Chiang Mai	26	**0.7**	*0.13*	0.08	*0.02*	22	**0.5**	*0.11*	0.04	*0.01**
Thailand, Lampang	10	**0.4**	*0.14*	0.04	*0.02*	10	**0.4**	*0.13*	0.05	*0.02**
Thailand, Songkhla	5	**0.2**	*0.08*	0.01	*0.01*	10	**0.3**	*0.10*	0.03	*0.01*
Turkey, Antalya	21	**0.7**	*0.16*	0.07	*0.02*	15	**0.5**	*0.13*	0.05	*0.02**
Turkey, Izmir	39	**0.5**	*0.08*	0.05	*0.01*	27	**0.3**	*0.06*	0.04	*0.01**
Europe										
Austria	216	**0.7**	*0.05*	0.08	*0.01*	163	**0.4**	*0.04*	0.04	*0.00*
Austria, Tyrol	17	**0.8**	*0.19*	0.09	*0.03*	13	**0.4**	*0.14*	0.04	*0.01*
Austria, Vorarlberg	5	**0.5**	*0.20*	0.05	*0.02*	10	**0.6**	*0.21*	0.09	*0.04*
Belarus	224	**0.8**	*0.05*	0.09	*0.01*	184	**0.4**	*0.04*	0.04	*0.00**
Belgium, Antwerp	34	**0.5**	*0.09*	0.05	*0.01*	24	**0.3**	*0.07*	0.03	*0.01**
Belgium, Flanders	157	**0.9**	*0.07*	0.10	*0.01*	92	**0.4**	*0.05*	0.05	*0.01*
Bulgaria	201	**0.6**	*0.05*	0.08	*0.01*	127	**0.4**	*0.03*	0.04	*0.00**
Croatia	253	**1.6**	*0.10*	0.19	*0.01*	115	**0.6**	*0.06*	0.06	*0.01*
Czech Republic	301	**0.8**	*0.05*	0.09	*0.01*	266	**0.6**	*0.04*	0.06	*0.00*
Denmark	141	**0.7**	*0.06*	0.08	*0.01*	126	**0.5**	*0.06*	0.05	*0.01*
Estonia	35	**0.8**	*0.14*	0.09	*0.02*	44	**0.7**	*0.11*	0.07	*0.01*
Finland	125	**0.7**	*0.06*	0.07	*0.01*	127	**0.5**	*0.05*	0.05	*0.01*
France, Bas-Rhin	27	**0.8**	*0.16*	0.08	*0.02*	25	**0.6**	*0.13*	0.06	*0.02*
France, Calvados	8	**0.4**	*0.14*	0.02	*0.01*	10	**0.4**	*0.13*	0.04	*0.02*
France, Doubs	12	**0.7**	*0.20*	0.09	*0.03*	6	**0.4**	*0.17*	0.03	*0.02*
France, Haut-Rhin	20	**0.7**	*0.17*	0.08	*0.02*	18	**0.6**	*0.17*	0.07	*0.02*
France, Herault	30	**0.8**	*0.16*	0.11	*0.02*	24	**0.7**	*0.15*	0.06	*0.01*
France, Isere	23	**0.6**	*0.12*	0.05	*0.02*	15	**0.4**	*0.10*	0.03	*0.01*
France, Loire-Atlantique	30	**0.8**	*0.15*	0.07	*0.02*	28	**0.5**	*0.12*	0.05	*0.01*
France, Manche	10	**0.6**	*0.19*	0.06	*0.02*	6	**0.2**	*0.11*	0.03	*0.01*
France, Somme	13	**0.7**	*0.20*	0.07	*0.02*	7	**0.2**	*0.10*	0.02	*0.01*
France, Tarn	11	**0.7**	*0.21*	0.07	*0.03*	4	**0.3**	*0.15*	0.04	*0.02*
France, Vendee	12	**0.5**	*0.14*	0.06	*0.02*	8	**0.3**	*0.15*	0.03	*0.01*
Germany, Brandenburg	58	**0.6**	*0.08*	0.06	*0.01*	49	**0.4**	*0.06*	0.04	*0.01*
Germany, Free State of Saxony	112	**0.6**	*0.06*	0.06	*0.01*	87	**0.3**	*0.05*	0.03	*0.00*
Germany, Hamburg	49	**0.8**	*0.12*	0.08	*0.01*	43	**0.5**	*0.09*	0.05	*0.01*
Germany, Mecklenburg-Western Pomerania	47	**0.7**	*0.11*	0.09	*0.01*	34	**0.4**	*0.08*	0.04	*0.01*
Germany, Munich	62	**0.7**	*0.09*	0.07	*0.01*	53	**0.4**	*0.07*	0.04	*0.01*
Germany, Northrhine-Westphalia: Munster	42	**0.4**	*0.07*	0.04	*0.01*	47	**0.4**	*0.07*	0.04	*0.01*
Germany, Saarland	32	**0.7**	*0.13*	0.07	*0.02*	17	**0.3**	*0.08*	0.03	*0.01*
Iceland	9	**0.9**	*0.32*	0.09	*0.04*	8	**1.0**	*0.37*	0.13	*0.05*
Ireland	87	**0.7**	*0.08*	0.07	*0.01*	63	**0.4**	*0.06*	0.04	*0.01*
Italy, Biella Province	5	**0.3**	*0.16*	0.02	*0.02*	6	**0.6**	*0.30*	0.07	*0.03*
Italy, Brescia Province	15	**0.6**	*0.16*	0.06	*0.02*	14	**0.4**	*0.13*	0.05	*0.02*
Italy, Ferrara Province	14	**0.8**	*0.23*	0.09	*0.03*	10	**0.5**	*0.18*	0.05	*0.02*
Italy, Florence and Prato	38	**0.8**	*0.14*	0.09	*0.02*	33	**0.5**	*0.10*	0.05	*0.01*
Italy, Genoa Province	29	**1.0**	*0.22*	0.10	*0.02*	29	**0.8**	*0.26*	0.07	*0.02*
Italy, Macerata Province	4	**0.4**	*0.22*	0.08	*0.04*	3	**0.2**	*0.19*	0.01	*0.01*
Italy, Milan	46	**0.9**	*0.15*	0.09	*0.02*	32	**0.5**	*0.11*	0.06	*0.01*
Italy, Modena Province	17	**0.5**	*0.14*	0.04	*0.01*	19	**0.6**	*0.17*	0.07	*0.02*
Italy, Naples	14	**0.9**	*0.25*	0.10	*0.03*	10	**0.6**	*0.20*	0.05	*0.02*
Italy, North East Cancer Surveillance Network	72	**0.8**	*0.10*	0.07	*0.01*	53	**0.5**	*0.10*	0.05	*0.01*
Italy, Parma Province	10	**0.5**	*0.16*	0.06	*0.02*	6	**0.3**	*0.13*	0.03	*0.02*
Italy, Ragusa Province	13	**0.9**	*0.26*	0.07	*0.03*	6	**0.3**	*0.15*	0.05	*0.03*
Italy, Reggio Emilia Province	11	**0.6**	*0.20*	0.06	*0.02*	10	**0.3**	*0.12*	0.05	*0.02*
Italy, Romagna Region	44	**1.0**	*0.18*	0.10	*0.02*	33	**0.6**	*0.13*	0.07	*0.01*
Italy, Salerno Province	31	**0.9**	*0.18*	0.11	*0.02*	16	**0.5**	*0.14*	0.05	*0.01*
Italy, Sassari Province	12	**0.6**	*0.19*	0.07	*0.03*	13	**0.5**	*0.15*	0.05	*0.02*
Italy, Syracuse Province	7	**0.5**	*0.21*	0.07	*0.03*	4	**0.4**	*0.19*	0.04	*0.02*
Italy, Sondrio	8	**1.0**	*0.34*	0.13	*0.06*	6	**1.1**	*0.57*	0.10	*0.05*
Italy, Torino	36	**0.9**	*0.16*	0.10	*0.02*	32	**0.7**	*0.17*	0.08	*0.02*
Italy, Umbria Region	39	**1.0**	*0.19*	0.12	*0.02*	25	**0.6**	*0.15*	0.06	*0.02*
Italy, Varese Province	14	**0.8**	*0.25*	0.07	*0.02*	20	**0.9**	*0.25*	0.10	*0.03*
Italy, Veneto Region	67	**1.0**	*0.12*	0.09	*0.01*	41	**0.5**	*0.09*	0.05	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Salivary glands (C07-08) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	53	**0.7**	*0.10*	0.08	*0.01*	45	**0.4**	*0.07*	0.04	*0.01*
Lithuania	100	**1.0**	*0.10*	0.10	*0.01*	91	**0.6**	*0.07*	0.06	*0.01*
Malta	8	**0.6**	*0.22*	0.06	*0.03*	8	**0.4**	*0.16*	0.04	*0.02*
Norway	117	**0.7**	*0.07*	0.09	*0.01*	107	**0.6**	*0.07*	0.06	*0.01*
Poland, Cracow	36	**1.5**	*0.25*	0.17	*0.03*	22	**0.6**	*0.14*	0.07	*0.02**
Poland, Kielce	40	**1.0**	*0.15*	0.11	*0.02*	19	**0.4**	*0.09*	0.05	*0.01*
Poland, Warsaw City	45	**0.8**	*0.11*	0.08	*0.01*	40	**0.5**	*0.08*	0.06	*0.01*
Portugal, Porto	58	**0.6**	*0.08*	0.06	*0.01*	41	**0.3**	*0.05*	0.03	*0.01**
Portugal, South Regional	83	**0.8**	*0.09*	0.09	*0.01*	49	**0.4**	*0.06*	0.04	*0.01*
Russia, St Petersburg	109	**0.8**	*0.08*	0.10	*0.01*	100	**0.4**	*0.05*	0.05	*0.01*
Serbia	121	**0.7**	*0.07*	0.09	*0.01*	94	**0.5**	*0.06*	0.06	*0.01*
Slovak Republic	147	**0.9**	*0.08*	0.11	*0.01*	91	**0.4**	*0.05*	0.05	*0.01*
Slovenia	26	**0.4**	*0.08*	0.05	*0.01*	36	**0.4**	*0.08*	0.05	*0.01*
Spain, Albacete	7	**0.6**	*0.23*	0.06	*0.03*	7	**0.5**	*0.21*	0.07	*0.03*
Spain, Asturias	33	**0.7**	*0.14*	0.08	*0.02*	25	**0.5**	*0.14*	0.06	*0.01*
Spain, Basque Country	43	**0.7**	*0.11*	0.06	*0.01*	31	**0.4**	*0.08*	0.04	*0.01*
Spain, Canary Islands	25	**0.5**	*0.11*	0.06	*0.01*	16	**0.3**	*0.08*	0.03	*0.01*
Spain, Cuenca	10	**1.1**	*0.49*	0.07	*0.04*	11	**1.1**	*0.41*	0.12	*0.04*
Spain, Girona	13	**0.5**	*0.15*	0.05	*0.02*	9	**0.4**	*0.15*	0.04	*0.02*
Spain, Granada	18	**0.6**	*0.16*	0.05	*0.02*	9	**0.3**	*0.10*	0.02	*0.01*
Spain, Murcia	27	**0.6**	*0.13*	0.07	*0.02*	21	**0.5**	*0.11*	0.05	*0.01*
Spain, Navarra	15	**0.6**	*0.18*	0.08	*0.02*	12	**0.5**	*0.16*	0.06	*0.02*
Spain, Tarragona	10	**0.5**	*0.16*	0.05	*0.02*	11	**0.4**	*0.16*	0.04	*0.02*
Spain, Zaragoza	16	**0.4**	*0.12*	0.05	*0.02*	16	**0.3**	*0.09*	0.03	*0.01*
Sweden	246	**0.7**	*0.05*	0.08	*0.01*	229	**0.6**	*0.05*	0.06	*0.01*
Switzerland, Geneva	8	**0.6**	*0.23*	0.08	*0.03*	16	**0.9**	*0.25*	0.08	*0.02*
Switzerland, Graubunden and Glarus	9	**1.2**	*0.43*	0.12	*0.05*	3	**0.5**	*0.31*	0.04	*0.02*
Switzerland, Neuchatel	5	**0.8**	*0.38*	0.12	*0.06*	1	**0.1**	*0.10*	0.03	*0.03*
Switzerland, St Gall-Appenzell	9	**0.4**	*0.15*	0.06	*0.02*	9	**0.5**	*0.16*	0.05	*0.02*
Switzerland, Ticino	15	**1.2**	*0.33*	0.13	*0.04*	3	**0.3**	*0.18*	0.03	*0.02*
Switzerland, Valais	7	**0.7**	*0.27*	0.10	*0.04*	6	**0.5**	*0.24*	0.05	*0.03*
Switzerland, Vaud	21	**0.9**	*0.20*	0.12	*0.03*	8	**0.3**	*0.13*	0.03	*0.01*
The Netherlands	344	**0.6**	*0.03*	0.07	*0.00*	279	**0.5**	*0.03*	0.05	*0.00*
The Netherlands, Eindhoven	21	**0.6**	*0.13*	0.07	*0.02*	16	**0.4**	*0.11*	0.05	*0.01*
The Netherlands, Maastricht	20	**0.6**	*0.14*	0.07	*0.02*	20	**0.6**	*0.17*	0.05	*0.01*
UK, East of England Region	62	**0.6**	*0.08*	0.05	*0.01*	58	**0.5**	*0.08*	0.05	*0.01*
UK, England, Merseyside and Cheshire	55	**0.6**	*0.09*	0.07	*0.01*	41	**0.4**	*0.07*	0.04	*0.01*
UK, England, North Western	99	**0.6**	*0.07*	0.06	*0.01*	88	**0.5**	*0.06*	0.05	*0.01*
UK, England, Northern and Yorkshire	161	**0.6**	*0.05*	0.07	*0.01*	120	**0.5**	*0.05*	0.05	*0.01*
UK, England, Oxford Region	66	**0.7**	*0.08*	0.07	*0.01*	49	**0.5**	*0.07*	0.05	*0.01*
UK, England, South and Western Regions	192	**0.6**	*0.05*	0.06	*0.01*	160	**0.6**	*0.05*	0.06	*0.01*
UK, England, Thames	325	**0.6**	*0.04*	0.07	*0.00*	248	**0.4**	*0.03*	0.05	*0.00*
UK, England, Trent	123	**0.6**	*0.06*	0.07	*0.01*	110	**0.6**	*0.06*	0.06	*0.01*
UK, England, West Midlands	110	**0.5**	*0.05*	0.06	*0.01*	89	**0.4**	*0.05*	0.04	*0.01*
UK, Northern Ireland	34	**0.6**	*0.11*	0.08	*0.02*	30	**0.5**	*0.09*	0.06	*0.01*
UK, Scotland	102	**0.5**	*0.05*	0.07	*0.01*	103	**0.4**	*0.05*	0.04	*0.01*
Oceania										
Australia, New South Wales	264	**1.1**	*0.07*	0.12	*0.01*	152	**0.6**	*0.05*	0.06	*0.01*
Australia, Northern Territory	6	**1.7**	*0.74*	0.11	*0.07*	1	**0.2**	*0.21*	0.01	*0.01*
Australia, Queensland	153	**1.2**	*0.10*	0.13	*0.01*	79	**0.6**	*0.07*	0.05	*0.01*
Australia, South	57	**1.0**	*0.14*	0.12	*0.02*	47	**0.6**	*0.10*	0.06	*0.01*
Australia, Tasmania	9	**0.5**	*0.19*	0.06	*0.02*	14	**0.8**	*0.23*	0.09	*0.03*
Australia, Victoria	118	**0.7**	*0.07*	0.07	*0.01*	100	**0.6**	*0.06*	0.06	*0.01*
Australia, Western	57	**0.9**	*0.12*	0.09	*0.02*	40	**0.6**	*0.11*	0.06	*0.01*
Australian Capital Territory	10	**1.0**	*0.33*	0.09	*0.04*	9	**1.1**	*0.36*	0.13	*0.05*
French Polynesia	4	**1.1**	*0.58*	0.07	*0.04*	4	**0.9**	*0.45*	0.12	*0.06*
New Zealand	104	**0.8**	*0.09*	0.09	*0.01*	75	**0.6**	*0.07*	0.06	*0.01*
USA, Hawaii	37	**0.9**	*0.15*	0.10	*0.02*	37	**0.9**	*0.15*	0.08	*0.02*
USA, Hawaii: Chinese	1	**0.4**	*0.37*	0.03	*0.03*	1	**0.4**	*0.36*	0.05	*0.05*
USA, Hawaii: Filipino	8	**1.3**	*0.48*	0.14	*0.06*	6	**0.8**	*0.35*	0.09	*0.04*
USA, Hawaii: Hawaiian	5	**0.8**	*0.38*	0.08	*0.04*	7	**1.3**	*0.48*	0.14	*0.06*
USA, Hawaii: Japanese	8	**0.5**	*0.19*	0.07	*0.03*	11	**1.2**	*0.44*	0.10	*0.04*
USA, Hawaii: White	10	**0.9**	*0.29*	0.09	*0.04*	6	**0.6**	*0.31*	0.04	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Tonsil (C09)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	7	**0.4**	*0.14*	-	-	0	**-**	-	-	- *
Egypt, Gharbiah	8	**0.2**	*0.06*	-	-	8	**0.2**	*0.06*	-	-
Tunisia, Centre, Sousse	4	**0.4**	*0.21*	-	-	1	**0.1**	*0.11*	-	- *
Uganda, Kyadondo County	5	**0.4**	*0.20*	-	-	4	**0.1**	*0.09*	-	- *
Zimbabwe, Harare: African	3	**0.1**	*0.09*	-	-	1	**0.0**	*0.02*	-	- *
America, Central and South										
Argentina, Bahia Blanca	12	**1.6**	*0.47*	0.18	*0.06*	2	**0.3**	*0.19*	0.03	*0.02*
Brazil, Brasilia	24	**1.0**	*0.23*	0.12	*0.03*	4	**0.2**	*0.08*	0.01	*0.01*
Brazil, Cuiaba	10	**1.6**	*0.51*	0.23	*0.09*	3	**0.3**	*0.20*	0.03	*0.02*
Brazil, Goiania	25	**1.7**	*0.35*	0.17	*0.04*	3	**0.1**	*0.06*	0.01	*0.00*
Brazil, Sao Paulo	339	**1.6**	*0.09*	0.20	*0.01*	78	**0.3**	*0.03*	0.03	*0.00*
Chile, Valdivia	0	**-**	-	-	-	0	**-**	-	-	-
Colombia, Cali	24	**0.7**	*0.14*	0.07	*0.02*	12	**0.3**	*0.08*	0.04	*0.01*
Costa Rica	43	**0.6**	*0.10*	0.08	*0.01*	9	**0.1**	*0.05*	0.02	*0.01*
Ecuador, Quito	8	**0.3**	*0.11*	0.03	*0.02*	0	**-**	-	-	-
France, La Martinique	27	**2.6**	*0.50*	0.35	*0.07*	3	**0.2**	*0.13*	0.03	*0.02*
Peru, Trujillo	3	**0.4**	*0.23*	0.07	*0.04*	1	**0.1**	*0.08*	-	- *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	927	**1.2**	*0.04*	0.15	*0.01*	335	**0.4**	*0.02*	0.05	*0.00*
Canada, Alberta	101	**1.1**	*0.11*	0.12	*0.01*	30	**0.3**	*0.06*	0.05	*0.01*
Canada, British Columbia	179	**1.3**	*0.10*	0.15	*0.01*	54	**0.3**	*0.05*	0.04	*0.01*
Canada, Manitoba	47	**1.3**	*0.19*	0.16	*0.03*	24	**0.6**	*0.12*	0.08	*0.02*
Canada, New Brunswick	50	**2.0**	*0.29*	0.26	*0.04*	14	**0.4**	*0.12*	0.05	*0.02*
Canada, Newfoundland and Labrador	18	**1.0**	*0.23*	0.10	*0.03*	9	**0.5**	*0.17*	0.06	*0.02*
Canada, Northwest Territories	1	**0.8**	*0.80*	0.07	*0.07*	0	**-**	-	-	-
Canada, Nova Scotia	64	**2.1**	*0.26*	0.25	*0.03*	17	**0.5**	*0.13*	0.07	*0.02*
Canada, Ontario	434	**1.2**	*0.06*	0.15	*0.01*	172	**0.4**	*0.03*	0.05	*0.00*
Canada, Prince Edward Island	5	**1.2**	*0.53*	0.14	*0.07*	1	**0.2**	*0.22*	0.02	*0.02*
Canada, Saskatchewan	28	**0.9**	*0.18*	0.11	*0.02*	14	**0.4**	*0.11*	0.04	*0.01*
USA, Alabama	247	**1.8**	*0.12*	0.21	*0.01*	89	**0.5**	*0.06*	0.07	*0.01*
USA, Alabama: Black	47	**1.8**	*0.27*	0.21	*0.04*	17	**0.5**	*0.12*	0.06	*0.02*
USA, Alabama: White	199	**1.8**	*0.13*	0.21	*0.02*	71	**0.6**	*0.07*	0.07	*0.01*
USA, Alaska	29	**1.5**	*0.30*	0.19	*0.04*	4	**0.3**	*0.15*	0.03	*0.02*
USA, Arizona	232	**1.5**	*0.10*	0.17	*0.01*	50	**0.3**	*0.04*	0.04	*0.01*
USA, California	1663	**1.8**	*0.04*	0.21	*0.01*	462	**0.4**	*0.02*	0.05	*0.00*
USA, California: Asian and Pacific Islander	72	**0.6**	*0.08*	0.08	*0.01*	23	**0.2**	*0.04*	0.02	*0.00*
USA, California: Black	118	**2.1**	*0.20*	0.27	*0.03*	37	**0.5**	*0.09*	0.07	*0.01*
USA, California: Hispanic White	170	**1.0**	*0.08*	0.12	*0.01*	33	**0.2**	*0.03*	0.02	*0.00*
USA, California: Non-Hispanic White	1279	**2.2**	*0.06*	0.25	*0.01*	365	**0.5**	*0.03*	0.07	*0.00*
USA, California, Greater San Francisco Bay Area	325	**1.7**	*0.10*	0.21	*0.01*	80	**0.3**	*0.04*	0.04	*0.01*
USA, California, Greater San Francisco Bay Area: Black	25	**1.9**	*0.39*	0.20	*0.05*	3	**0.2**	*0.11*	0.04	*0.02*
USA, California, Greater San Francisco Bay Area: Chinese	10	**0.6**	*0.19*	0.05	*0.02*	3	**0.2**	*0.10*	0.02	*0.01*
USA, California, Greater San Francisco Bay Area: Filipino	8	**0.9**	*0.33*	0.12	*0.05*	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Japanese	3	**0.7**	*0.43*	0.14	*0.10*	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	28	**1.3**	*0.26*	0.16	*0.03*	6	**0.2**	*0.09*	0.02	*0.01*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	244	**2.1**	*0.14*	0.26	*0.02*	65	**0.5**	*0.06*	0.06	*0.01*
USA, California, Los Angeles County	387	**1.6**	*0.08*	0.20	*0.01*	113	**0.4**	*0.04*	0.05	*0.01*
USA, California, Los Angeles County: Black	57	**2.4**	*0.32*	0.34	*0.05*	25	**0.8**	*0.16*	0.09	*0.02*
USA, California, Los Angeles County: Chinese	8	**0.7**	*0.25*	0.09	*0.04*	1	**0.1**	*0.12*	0.01	*0.01*
USA, California, Los Angeles County: Filipino	1	**0.2**	*0.17*	0.02	*0.02*	1	**0.1**	*0.10*	0.01	*0.01*
USA, California, Los Angeles County: Japanese	5	**1.3**	*0.58*	0.17	*0.08*	2	**0.5**	*0.36*	0.05	*0.04*
USA, California, Los Angeles County: Korean	5	**1.0**	*0.44*	0.15	*0.08*	1	**0.2**	*0.15*	0.01	*0.02*
USA, California, Los Angeles County: Hispanic White	53	**0.8**	*0.12*	0.11	*0.02*	14	**0.2**	*0.05*	0.02	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	251	**2.1**	*0.14*	0.25	*0.02*	66	**0.5**	*0.07*	0.07	*0.01*
USA, Colorado	172	**1.3**	*0.10*	0.15	*0.01*	50	**0.4**	*0.06*	0.05	*0.01*
USA, Connecticut	175	**1.6**	*0.12*	0.18	*0.02*	60	**0.5**	*0.06*	0.06	*0.01*
USA, Connecticut: Black	21	**3.0**	*0.66*	0.37	*0.09*	6	**0.7**	*0.28*	0.10	*0.05*
USA, Connecticut: White	152	**1.5**	*0.13*	0.17	*0.02*	54	**0.5**	*0.07*	0.06	*0.01*
USA, District of Columbia	44	**2.7**	*0.42*	0.31	*0.05*	8	**0.4**	*0.16*	0.06	*0.02*
USA, District of Columbia: Black	35	**3.7**	*0.63*	0.44	*0.08*	5	**0.4**	*0.18*	0.05	*0.02*
USA, District of Columbia: White	7	**1.1**	*0.43*	0.09	*0.04*	3	**0.6**	*0.35*	0.09	*0.05*
USA, Florida	1305	**2.5**	*0.07*	0.29	*0.01*	422	**0.6**	*0.03*	0.08	*0.00*
USA, Florida: Black	118	**2.3**	*0.21*	0.28	*0.03*	44	**0.7**	*0.11*	0.09	*0.01*
USA, Florida: White	1174	**2.5**	*0.08*	0.29	*0.01*	373	**0.6**	*0.04*	0.08	*0.00*
USA, Georgia	447	**2.0**	*0.09*	0.23	*0.01*	143	**0.5**	*0.05*	0.07	*0.01*
USA, Georgia: Black	95	**2.1**	*0.22*	0.25	*0.03*	37	**0.6**	*0.10*	0.07	*0.01*
USA, Georgia: White	348	**2.0**	*0.11*	0.23	*0.01*	105	**0.5**	*0.05*	0.06	*0.01*
USA, Georgia, Atlanta	129	**1.8**	*0.16*	0.21	*0.02*	35	**0.4**	*0.07*	0.05	*0.01*
USA, Georgia, Atlanta: Black	34	**1.8**	*0.34*	0.22	*0.05*	16	**0.6**	*0.16*	0.07	*0.02*
USA, Georgia, Atlanta: White	91	**1.8**	*0.19*	0.21	*0.02*	19	**0.4**	*0.09*	0.04	*0.01*
USA, Idaho	55	**1.4**	*0.19*	0.17	*0.03*	20	**0.4**	*0.11*	0.05	*0.01*
USA, Illinois	653	**1.8**	*0.07*	0.22	*0.01*	177	**0.4**	*0.03*	0.05	*0.00*
USA, Illinois: Black	116	**2.7**	*0.26*	0.34	*0.04*	27	**0.5**	*0.09*	0.05	*0.01*
USA, Illinois: White	524	**1.7**	*0.08*	0.20	*0.01*	148	**0.4**	*0.04*	0.05	*0.00*
USA, Indiana	356	**2.0**	*0.11*	0.23	*0.01*	88	**0.4**	*0.05*	0.05	*0.01*
USA, Iowa	142	**1.6**	*0.13*	0.19	*0.02*	41	**0.4**	*0.06*	0.04	*0.01*
USA, Kentucky	286	**2.3**	*0.14*	0.28	*0.02*	69	**0.5**	*0.06*	0.05	*0.01*
USA, Louisiana	253	**2.0**	*0.13*	0.23	*0.02*	77	**0.5**	*0.06*	0.07	*0.01*
USA, Louisiana: Black	65	**2.0**	*0.26*	0.25	*0.03*	18	**0.5**	*0.11*	0.06	*0.02*
USA, Louisiana: White	187	**2.0**	*0.15*	0.23	*0.02*	59	**0.6**	*0.08*	0.07	*0.01*
USA, Louisiana, New Orleans: Black	18	**2.0**	*0.48*	0.24	*0.06*	6	**0.5**	*0.20*	0.07	*0.03*
USA, Louisiana, New Orleans: White	32	**1.8**	*0.32*	0.20	*0.04*	14	**0.7**	*0.20*	0.08	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Tonsil (C09) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	104	**2.5**	*0.25*	0.29	*0.03*	28	**0.6**	*0.11*	0.07	*0.02*
USA, Massachusetts	284	**1.5**	*0.09*	0.18	*0.01*	118	**0.5**	*0.05*	0.07	*0.01*
USA, Michigan	518	**1.7**	*0.08*	0.20	*0.01*	160	**0.5**	*0.04*	0.06	*0.01*
USA, Michigan: Black	90	**2.7**	*0.29*	0.34	*0.04*	19	**0.5**	*0.11*	0.05	*0.01*
USA, Michigan: White	421	**1.6**	*0.08*	0.18	*0.01*	139	**0.5**	*0.04*	0.06	*0.01*
USA, Michigan, Detroit	243	**2.0**	*0.13*	0.23	*0.02*	74	**0.5**	*0.06*	0.06	*0.01*
USA, Michigan, Detroit: Black	79	**3.2**	*0.37*	0.40	*0.05*	16	**0.5**	*0.13*	0.06	*0.02*
USA, Michigan, Detroit: White	163	**1.7**	*0.14*	0.20	*0.02*	58	**0.5**	*0.08*	0.07	*0.01*
USA, Missouri	334	**2.0**	*0.11*	0.22	*0.01*	97	**0.5**	*0.05*	0.06	*0.01*
USA, Missouri: Black	29	**2.2**	*0.41*	0.29	*0.06*	2	**0.1**	*0.08*	0.01	*0.01*
USA, Missouri: White	301	**1.9**	*0.11*	0.22	*0.01*	94	**0.5**	*0.05*	0.06	*0.01*
USA, Montana	64	**2.1**	*0.27*	0.23	*0.03*	19	**0.6**	*0.13*	0.06	*0.02*
USA, NPCR	11940	**1.8**	*0.02*	0.21	*0.00*	3515	**0.4**	*0.01*	0.05	*0.00*
USA, NPCR: Black	1348	**2.2**	*0.06*	0.27	*0.01*	377	**0.5**	*0.03*	0.06	*0.00*
USA, NPCR: White	10283	**1.8**	*0.02*	0.21	*0.00*	3061	**0.4**	*0.01*	0.06	*0.00*
USA, New Jersey	376	**1.5**	*0.08*	0.17	*0.01*	117	**0.4**	*0.03*	0.04	*0.00*
USA, New Jersey: Black	72	**2.5**	*0.30*	0.30	*0.04*	17	**0.5**	*0.11*	0.05	*0.01*
USA, New Jersey: White	295	**1.4**	*0.08*	0.16	*0.01*	100	**0.4**	*0.04*	0.04	*0.01*
USA, New Mexico	79	**1.5**	*0.17*	0.18	*0.02*	20	**0.3**	*0.08*	0.03	*0.01*
USA, New Mexico: American Indian	3	**0.9**	*0.52*	0.10	*0.06*	0	**-**	-	-	-
USA, New Mexico: Hispanic White	16	**0.9**	*0.23*	0.12	*0.03*	2	**0.1**	*0.08*	0.01	*0.01*
USA, New Mexico: Non-Hispanic White	59	**1.9**	*0.25*	0.22	*0.03*	16	**0.5**	*0.13*	0.05	*0.01*
USA, New York State	791	**1.4**	*0.05*	0.16	*0.01*	256	**0.4**	*0.02*	0.05	*0.00*
USA, New York State: Black	108	**1.6**	*0.15*	0.20	*0.02*	39	**0.4**	*0.07*	0.05	*0.01*
USA, New York State: White	669	**1.4**	*0.06*	0.17	*0.01*	214	**0.4**	*0.03*	0.05	*0.00*
USA, Ohio	566	**1.6**	*0.07*	0.18	*0.01*	186	**0.4**	*0.03*	0.05	*0.00*
USA, Ohio: Black	73	**2.3**	*0.28*	0.28	*0.04*	20	**0.5**	*0.11*	0.06	*0.01*
USA, Ohio: White	480	**1.5**	*0.07*	0.17	*0.01*	161	**0.4**	*0.04*	0.05	*0.00*
USA, Oklahoma	215	**2.0**	*0.14*	0.23	*0.02*	49	**0.4**	*0.06*	0.04	*0.01*
USA, Oregon	194	**1.8**	*0.13*	0.20	*0.02*	66	**0.5**	*0.07*	0.06	*0.01*
USA, Pennsylvania	687	**1.7**	*0.07*	0.20	*0.01*	202	**0.4**	*0.03*	0.05	*0.00*
USA, Pennsylvania: Black	88	**3.1**	*0.33*	0.36	*0.04*	32	**0.8**	*0.15*	0.09	*0.02*
USA, Pennsylvania: White	582	**1.6**	*0.07*	0.18	*0.01*	167	**0.4**	*0.03*	0.05	*0.00*
USA, Rhode Island	39	**1.2**	*0.20*	0.14	*0.03*	10	**0.3**	*0.09*	0.03	*0.01*
USA, SEER (9 Registries)	1337	**1.7**	*0.05*	0.20	*0.01*	357	**0.4**	*0.02*	0.05	*0.00*
USA, SEER (9 Registries): Black	169	**2.5**	*0.19*	0.30	*0.03*	42	**0.5**	*0.07*	0.06	*0.01*
USA, SEER (9 Registries): White	1099	**1.7**	*0.05*	0.20	*0.01*	297	**0.4**	*0.02*	0.05	*0.00*
USA, SEER (14 Registries)	3719	**1.7**	*0.03*	0.20	*0.00*	1043	**0.4**	*0.01*	0.05	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	120	**0.7**	*0.06*	0.08	*0.01*	34	**0.2**	*0.03*	0.02	*0.00*
USA, SEER (14 Registries): Black	430	**2.4**	*0.12*	0.29	*0.02*	114	**0.5**	*0.05*	0.06	*0.01*
USA, SEER (14 Registries): Hispanic White	236	**1.1**	*0.07*	0.13	*0.01*	49	**0.2**	*0.03*	0.02	*0.00*
USA, SEER (14 Registries): Non-Hispanic White	2895	**1.9**	*0.04*	0.22	*0.00*	838	**0.5**	*0.02*	0.06	*0.00*
USA, South Carolina	257	**2.1**	*0.13*	0.24	*0.02*	65	**0.5**	*0.06*	0.06	*0.01*
USA, South Carolina: Black	67	**2.4**	*0.30*	0.29	*0.04*	15	**0.4**	*0.11*	0.05	*0.01*
USA, South Carolina: White	190	**2.1**	*0.15*	0.23	*0.02*	50	**0.5**	*0.07*	0.06	*0.01*
USA, Texas	969	**1.7**	*0.06*	0.20	*0.01*	245	**0.4**	*0.02*	0.04	*0.00*
USA, Texas: Black	101	**2.0**	*0.21*	0.25	*0.03*	19	**0.3**	*0.06*	0.03	*0.01*
USA, Texas: White	849	**1.7**	*0.06*	0.20	*0.01*	225	**0.4**	*0.03*	0.05	*0.00*
USA, Utah	48	**0.9**	*0.14*	0.10	*0.02*	8	**0.1**	*0.05*	0.02	*0.01*
USA, Vermont	36	**1.7**	*0.29*	0.20	*0.04*	13	**0.5**	*0.15*	0.05	*0.02*
USA, Washington State	338	**1.9**	*0.10*	0.22	*0.01*	91	**0.4**	*0.05*	0.05	*0.01*
USA, Washington, Seattle	255	**2.0**	*0.13*	0.24	*0.02*	55	**0.4**	*0.05*	0.04	*0.01*
USA, West Virginia	120	**1.9**	*0.18*	0.20	*0.02*	38	**0.5**	*0.08*	0.06	*0.01*
USA, Wisconsin	270	**1.6**	*0.10*	0.19	*0.01*	85	**0.5**	*0.05*	0.06	*0.01*
Asia										
Bahrain: Bahraini	0	**-**	-	-	-	1	**0.2**	*0.18*	0.02	*0.02*
China, Guangzhou City	15	**0.3**	*0.08*	0.02	*0.01*	3	**0.0**	*0.03*	0.00	*0.00**
China, Hong Kong	52	**0.2**	*0.03*	0.03	*0.00*	13	**0.1**	*0.02*	0.01	*0.00*
China, Jiashan	1	**0.2**	*0.21*	-	-	1	**0.1**	*0.09*	0.01	*0.01**
China, Nangang District, Harbin City	5	**0.2**	*0.09*	0.03	*0.02*	1	**0.0**	*0.04*	-	-
China, Shanghai	29	**0.1**	*0.03*	0.01	*0.00*	20	**0.1**	*0.02*	0.01	*0.00**
China, Zhongshan	16	**0.5**	*0.13*	0.07	*0.02*	2	**0.1**	*0.04*	0.01	*0.00**
Cyprus	3	**0.1**	*0.08*	0.02	*0.01*	1	**0.0**	*0.04*	0.01	*0.01**
India, Chennai (Madras)	124	**1.4**	*0.12*	0.17	*0.02*	21	**0.2**	*0.05*	0.03	*0.01*
India, New Delhi	402	**1.9**	*0.10*	0.23	*0.01*	69	**0.4**	*0.05*	0.05	*0.01**
India, Karunagappally	10	**1.2**	*0.38*	0.16	*0.06*	0	**-**	-	-	-
India, Mumbai (Bombay)	251	**1.1**	*0.07*	0.14	*0.01*	54	**0.3**	*0.04*	0.03	*0.01*
India, Nagpur	71	**1.9**	*0.23*	0.23	*0.03*	10	**0.2**	*0.08*	0.03	*0.01**
India, Poona	47	**0.8**	*0.12*	0.09	*0.02*	23	**0.4**	*0.08*	0.04	*0.01**
India, Trivandrum	24	**0.9**	*0.18*	0.09	*0.02*	2	**0.1**	*0.04*	0.00	*0.00**
Israel	32	**0.2**	*0.04*	0.02	*0.00*	10	**0.1**	*0.02*	0.01	*0.00*
Israel: Jews	30	**0.2**	*0.04*	0.02	*0.00*	10	**0.1**	*0.02*	0.01	*0.00*
Israel: Non-Jews	1	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	-	-
Japan, Aichi Prefecture	2	**0.0**	*0.03*	0.00	*0.00*	2	**0.0**	*0.03*	0.00	*0.00*
Japan, Fukui Prefecture	2	**0.1**	*0.05*	0.01	*0.01*	1	**0.0**	*0.01*	-	-
Japan, Hiroshima	15	**0.4**	*0.09*	0.05	*0.02*	5	**0.1**	*0.05*	0.02	*0.01*
Japan, Miyagi Prefecture	17	**0.2**	*0.04*	0.02	*0.01*	1	**0.0**	*0.01*	0.00	*0.00*
Japan, Nagasaki Prefecture	18	**0.3**	*0.08*	0.03	*0.01*	3	**0.0**	*0.01*	0.00	*0.00*
Japan, Osaka Prefecture	79	**0.2**	*0.03*	0.03	*0.00*	20	**0.1**	*0.01*	0.00	*0.00*
Japan, Yamagata Prefecture	4	**0.0**	*0.02*	0.01	*0.00*	1	**0.0**	*0.00*	-	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Tonsil (C09) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	496	**0.6**	*0.03*	0.07	*0.00*	90	**0.1**	*0.01*	0.01	*0.00*
Korea, Busan	58	**0.6**	*0.09*	0.08	*0.01*	7	**0.1**	*0.02*	0.01	*0.00*
Korea, Daegu	29	**0.5**	*0.10*	0.08	*0.02*	4	**0.1**	*0.03*	0.01	*0.00*
Korea, Daejeon	15	**0.7**	*0.19*	0.09	*0.03*	1	**0.0**	*0.03*	0.00	*0.00*
Korea, Gwangju	10	**0.4**	*0.13*	0.05	*0.02*	3	**0.1**	*0.05*	0.01	*0.01*
Korea, Incheon	25	**0.5**	*0.10*	0.05	*0.01*	8	**0.1**	*0.04*	0.01	*0.01*
Korea, Jejudo	2	**0.3**	*0.23*	0.06	*0.05*	1	**0.1**	*0.11*	0.01	*0.01*
Korea, Seoul	169	**0.8**	*0.07*	0.10	*0.01*	35	**0.1**	*0.02*	0.01	*0.00*
Korea, Ulsan	3	**0.2**	*0.14*	0.03	*0.02*	0	**-**	-	-	-
Kuwait: Kuwaitis	1	**0.1**	*0.11*	0.01	*0.01*	0	**-**	-	-	-
Kuwait: Non-Kuwaitis	0	**-**	-	-	-	1	**0.0**	*0.03*	0.00	*0.00*
Malaysia, Penang	4	**0.2**	*0.12*	0.02	*0.01*	5	**0.2**	*0.08*	0.02	*0.01*
Malaysia, Sarawak	16	**0.4**	*0.11*	0.05	*0.02*	10	**0.3**	*0.08*	0.03	*0.01*
Oman: Omani	2	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	-	- *
Pakistan, South Karachi	26	**1.0**	*0.21*	0.15	*0.04*	9	**0.5**	*0.18*	0.06	*0.02**
Philippines, Manila	45	**0.6**	*0.09*	0.06	*0.01*	30	**0.4**	*0.07*	0.04	*0.01**
Singapore	54	**0.7**	*0.09*	0.09	*0.01*	16	**0.2**	*0.04*	0.02	*0.01*
Singapore: Chinese	42	**0.7**	*0.11*	0.09	*0.02*	14	**0.2**	*0.05*	0.02	*0.01*
Singapore: Indian	7	**0.9**	*0.36*	0.13	*0.05*	1	**0.2**	*0.20*	0.03	*0.03*
Singapore: Malay	5	**0.6**	*0.27*	0.05	*0.03*	1	**0.1**	*0.08*	0.01	*0.01*
Thailand, Chiang Mai	49	**1.3**	*0.19*	0.15	*0.02*	15	**0.3**	*0.09*	0.03	*0.01**
Thailand, Lampang	12	**0.5**	*0.16*	0.05	*0.02*	4	**0.2**	*0.08*	0.03	*0.01**
Thailand, Songkhla	34	**1.3**	*0.22*	0.12	*0.03*	6	**0.2**	*0.06*	0.02	*0.01*
Turkey, Antalya	5	**0.2**	*0.08*	0.01	*0.01*	1	**0.0**	*0.04*	0.00	*0.00**
Turkey, Izmir	28	**0.3**	*0.06*	0.04	*0.01*	5	**0.1**	*0.03*	0.01	*0.00**
Europe										
Austria	467	**1.7**	*0.08*	0.20	*0.01*	151	**0.5**	*0.04*	0.05	*0.00*
Austria, Tyrol	31	**1.5**	*0.27*	0.18	*0.03*	16	**0.7**	*0.18*	0.09	*0.02*
Austria, Vorarlberg	16	**1.4**	*0.36*	0.13	*0.04*	10	**0.7**	*0.25*	0.06	*0.02*
Belarus	331	**1.2**	*0.06*	0.14	*0.01*	43	**0.1**	*0.02*	0.01	*0.00**
Belgium, Antwerp	99	**1.6**	*0.16*	0.19	*0.02*	33	**0.5**	*0.09*	0.05	*0.01**
Belgium, Flanders	288	**1.7**	*0.10*	0.19	*0.01*	80	**0.4**	*0.05*	0.05	*0.01*
Bulgaria	406	**1.4**	*0.07*	0.17	*0.01*	53	**0.1**	*0.02*	0.02	*0.00**
Croatia	304	**2.0**	*0.11*	0.24	*0.01*	36	**0.2**	*0.03*	0.02	*0.00*
Czech Republic	760	**2.2**	*0.08*	0.25	*0.01*	160	**0.4**	*0.03*	0.04	*0.00*
Denmark	382	**2.0**	*0.10*	0.23	*0.01*	142	**0.7**	*0.06*	0.08	*0.01*
Estonia	25	**0.6**	*0.12*	0.06	*0.01*	7	**0.1**	*0.03*	0.01	*0.00*
Finland	139	**0.8**	*0.06*	0.09	*0.01*	46	**0.2**	*0.03*	0.02	*0.00*
France, Bas-Rhin	93	**2.8**	*0.29*	0.36	*0.04*	19	**0.5**	*0.13*	0.06	*0.02*
France, Calvados	84	**4.1**	*0.45*	0.50	*0.06*	14	**0.5**	*0.15*	0.06	*0.02*
France, Doubs	60	**3.7**	*0.48*	0.44	*0.06*	10	**0.6**	*0.19*	0.07	*0.02*
France, Haut-Rhin	64	**2.6**	*0.33*	0.35	*0.05*	17	**0.6**	*0.16*	0.06	*0.02*
France, Herault	100	**3.1**	*0.33*	0.35	*0.04*	26	**0.9**	*0.17*	0.09	*0.02*
France, Isere	121	**3.4**	*0.31*	0.39	*0.04*	21	**0.5**	*0.12*	0.06	*0.01*
France, Loire-Atlantique	195	**5.3**	*0.39*	0.66	*0.05*	23	**0.5**	*0.11*	0.05	*0.01*
France, Manche	53	**3.0**	*0.43*	0.31	*0.05*	11	**0.6**	*0.20*	0.08	*0.03*
France, Somme	86	**4.9**	*0.54*	0.60	*0.07*	19	**1.0**	*0.23*	0.09	*0.02*
France, Tarn	27	**1.9**	*0.39*	0.17	*0.04*	8	**0.7**	*0.24*	0.07	*0.03*
France, Vendee	65	**2.8**	*0.37*	0.33	*0.05*	10	**0.5**	*0.17*	0.05	*0.02*
Germany, Brandenburg	194	**2.0**	*0.15*	0.24	*0.02*	46	**0.4**	*0.06*	0.04	*0.01*
Germany, Free State of Saxony	257	**1.5**	*0.10*	0.17	*0.01*	79	**0.4**	*0.04*	0.05	*0.01*
Germany, Hamburg	91	**1.4**	*0.15*	0.16	*0.02*	36	**0.5**	*0.08*	0.06	*0.01*
Germany, Mecklenburg-Western Pomerania	121	**1.8**	*0.17*	0.22	*0.02*	21	**0.3**	*0.07*	0.04	*0.01*
Germany, Munich	196	**2.3**	*0.17*	0.26	*0.02*	53	**0.5**	*0.07*	0.06	*0.01*
Germany, Northrhine-Westphalia: Munster	66	**0.7**	*0.09*	0.09	*0.01*	23	**0.2**	*0.05*	0.02	*0.00*
Germany, Saarland	88	**2.2**	*0.24*	0.26	*0.03*	18	**0.4**	*0.11*	0.05	*0.01*
Iceland	4	**0.4**	*0.23*	0.05	*0.03*	2	**0.2**	*0.17*	0.02	*0.02*
Ireland	73	**0.7**	*0.08*	0.08	*0.01*	28	**0.3**	*0.05*	0.03	*0.01*
Italy, Biella Province	10	**1.2**	*0.40*	0.16	*0.05*	4	**0.5**	*0.28*	0.05	*0.03*
Italy, Brescia Province	44	**1.9**	*0.30*	0.23	*0.04*	9	**0.4**	*0.13*	0.04	*0.02*
Italy, Ferrara Province	31	**2.0**	*0.38*	0.24	*0.05*	8	**0.4**	*0.17*	0.06	*0.02*
Italy, Florence and Prato	36	**0.7**	*0.13*	0.09	*0.02*	15	**0.2**	*0.07*	0.03	*0.01*
Italy, Genoa Province	39	**1.7**	*0.28*	0.20	*0.03*	11	**0.4**	*0.14*	0.05	*0.02*
Italy, Macerata Province	2	**0.3**	*0.23*	0.04	*0.02*	1	**0.0**	*0.03*	-	-
Italy, Milan	44	**0.9**	*0.15*	0.10	*0.02*	22	**0.4**	*0.09*	0.05	*0.01*
Italy, Modena Province	14	**0.5**	*0.15*	0.07	*0.02*	4	**0.1**	*0.07*	0.02	*0.01*
Italy, Naples	12	**0.8**	*0.24*	0.09	*0.03*	0	**-**	-	-	-
Italy, North East Cancer Surveillance Network	156	**1.8**	*0.15*	0.22	*0.02*	28	**0.3**	*0.06*	0.03	*0.01*
Italy, Parma Province	26	**1.6**	*0.33*	0.18	*0.04*	5	**0.2**	*0.10*	0.02	*0.01*
Italy, Ragusa Province	3	**0.3**	*0.16*	0.04	*0.02*	2	**0.2**	*0.15*	0.02	*0.02*
Italy, Reggio Emilia Province	13	**0.8**	*0.21*	0.10	*0.03*	7	**0.4**	*0.15*	0.05	*0.02*
Italy, Romagna Region	53	**1.3**	*0.19*	0.15	*0.02*	12	**0.2**	*0.07*	0.03	*0.01*
Italy, Salerno Province	14	**0.5**	*0.13*	0.06	*0.02*	5	**0.2**	*0.07*	0.01	*0.01*
Italy, Sassari Province	25	**1.5**	*0.30*	0.18	*0.04*	1	**0.1**	*0.07*	0.01	*0.01*
Italy, Syracuse Province	5	**0.4**	*0.19*	0.05	*0.02*	4	**0.3**	*0.16*	0.03	*0.02*
Italy, Sondrio	7	**1.1**	*0.42*	0.14	*0.05*	3	**0.4**	*0.24*	0.04	*0.03*
Italy, Torino	62	**1.4**	*0.19*	0.18	*0.03*	14	**0.3**	*0.09*	0.04	*0.01*
Italy, Umbria Region	25	**0.7**	*0.15*	0.09	*0.02*	6	**0.2**	*0.07*	0.02	*0.01*
Italy, Varese Province	31	**1.6**	*0.30*	0.20	*0.04*	1	**0.1**	*0.06*	0.01	*0.01*
Italy, Veneto Region	113	**1.8**	*0.17*	0.22	*0.02*	20	**0.2**	*0.06*	0.03	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors
Tonsil (C09) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	76	**1.0**	*0.12*	0.13	*0.02*	23	**0.2**	*0.04*	0.02	*0.01*
Lithuania	69	**0.7**	*0.08*	0.08	*0.01*	20	**0.1**	*0.03*	0.01	*0.00*
Malta	8	**0.6**	*0.23*	0.07	*0.03*	1	**0.1**	*0.09*	0.01	*0.01*
Norway	169	**1.1**	*0.09*	0.14	*0.01*	58	**0.3**	*0.05*	0.04	*0.01*
Poland, Cracow	18	**0.8**	*0.19*	0.09	*0.02*	5	**0.2**	*0.09*	0.02	*0.01**
Poland, Kielce	17	**0.4**	*0.10*	0.05	*0.01*	10	**0.2**	*0.07*	0.02	*0.01*
Poland, Warsaw City	22	**0.3**	*0.08*	0.04	*0.01*	19	**0.2**	*0.05*	0.03	*0.01*
Portugal, Porto	130	**1.4**	*0.12*	0.15	*0.01*	11	**0.1**	*0.03*	0.01	*0.00**
Portugal, South Regional	128	**1.3**	*0.12*	0.16	*0.01*	12	**0.1**	*0.03*	0.01	*0.00*
Russia, St Petersburg	107	**0.8**	*0.07*	0.10	*0.01*	31	**0.1**	*0.02*	0.01	*0.00*
Serbia	120	**0.7**	*0.07*	0.08	*0.01*	19	**0.1**	*0.02*	0.01	*0.00*
Slovak Republic	507	**3.3**	*0.15*	0.37	*0.02*	40	**0.2**	*0.03*	0.02	*0.00*
Slovenia	166	**2.4**	*0.19*	0.30	*0.03*	39	**0.5**	*0.08*	0.06	*0.01*
Spain, Albacete	5	**0.6**	*0.29*	0.05	*0.03*	0	**-**	-	-	-
Spain, Asturias	47	**1.2**	*0.18*	0.14	*0.02*	5	**0.1**	*0.05*	0.01	*0.01*
Spain, Basque Country	100	**1.7**	*0.17*	0.20	*0.02*	9	**0.2**	*0.05*	0.01	*0.00*
Spain, Canary Islands	85	**2.0**	*0.22*	0.23	*0.03*	10	**0.2**	*0.07*	0.02	*0.01*
Spain, Cuenca	1	**0.2**	*0.22*	0.02	*0.02*	0	**-**	-	-	-
Spain, Girona	32	**1.6**	*0.29*	0.18	*0.04*	1	**0.0**	*0.04*	0.01	*0.01*
Spain, Granada	22	**0.8**	*0.19*	0.12	*0.03*	3	**0.1**	*0.08*	0.01	*0.01*
Spain, Murcia	44	**1.3**	*0.20*	0.14	*0.02*	2	**0.0**	*0.04*	0.00	*0.00*
Spain, Navarra	15	**0.8**	*0.21*	0.09	*0.03*	0	**-**	-	-	-
Spain, Tarragona	18	**1.0**	*0.25*	0.10	*0.03*	3	**0.1**	*0.08*	0.01	*0.01*
Spain, Zaragoza	21	**0.6**	*0.14*	0.08	*0.02*	5	**0.1**	*0.07*	0.01	*0.01*
Sweden	365	**1.1**	*0.06*	0.13	*0.01*	166	**0.5**	*0.04*	0.06	*0.00*
Switzerland, Geneva	50	**3.4**	*0.49*	0.44	*0.07*	17	**1.0**	*0.25*	0.12	*0.03*
Switzerland, Graubunden and Glarus	9	**1.1**	*0.39*	0.14	*0.05*	2	**0.2**	*0.16*	0.03	*0.02*
Switzerland, Neuchatel	15	**2.8**	*0.74*	0.31	*0.08*	6	**0.7**	*0.32*	0.11	*0.05*
Switzerland, St Gall-Appenzell	21	**1.3**	*0.28*	0.16	*0.04*	4	**0.2**	*0.11*	0.03	*0.02*
Switzerland, Ticino	19	**1.6**	*0.36*	0.21	*0.05*	5	**0.4**	*0.18*	0.04	*0.02*
Switzerland, Valais	23	**2.6**	*0.54*	0.30	*0.07*	8	**0.9**	*0.32*	0.10	*0.04*
Switzerland, Vaud	54	**2.6**	*0.35*	0.30	*0.05*	22	**0.8**	*0.19*	0.09	*0.02*
The Netherlands	504	**0.9**	*0.04*	0.11	*0.01*	272	**0.5**	*0.03*	0.05	*0.00*
The Netherlands, Eindhoven	31	**0.8**	*0.15*	0.10	*0.02*	9	**0.2**	*0.08*	0.03	*0.01*
The Netherlands, Maastricht	44	**1.3**	*0.20*	0.16	*0.03*	18	**0.5**	*0.12*	0.06	*0.02*
UK, East of England Region	74	**0.8**	*0.09*	0.09	*0.01*	35	**0.3**	*0.06*	0.04	*0.01*
UK, England, Merseyside and Cheshire	101	**1.2**	*0.13*	0.15	*0.02*	42	**0.5**	*0.08*	0.05	*0.01*
UK, England, North Western	198	**1.4**	*0.10*	0.16	*0.01*	49	**0.3**	*0.05*	0.04	*0.01*
UK, England, Northern and Yorkshire	244	**1.1**	*0.07*	0.12	*0.01*	99	**0.4**	*0.04*	0.05	*0.01*
UK, England, Oxford Region	77	**0.8**	*0.10*	0.10	*0.01*	30	**0.3**	*0.06*	0.03	*0.01*
UK, England, South and Western Regions	221	**0.9**	*0.07*	0.10	*0.01*	79	**0.3**	*0.03*	0.03	*0.00*
UK, England, Thames	434	**1.0**	*0.05*	0.11	*0.01*	144	**0.3**	*0.02*	0.03	*0.00*
UK, England, Trent	123	**0.7**	*0.07*	0.08	*0.01*	36	**0.2**	*0.03*	0.02	*0.00*
UK, England, West Midlands	185	**1.0**	*0.08*	0.12	*0.01*	74	**0.4**	*0.04*	0.04	*0.01*
UK, Northern Ireland	18	**0.3**	*0.08*	0.04	*0.01*	6	**0.1**	*0.05*	0.01	*0.01*
UK, Scotland	214	**1.2**	*0.08*	0.14	*0.01*	83	**0.4**	*0.05*	0.05	*0.01*
Oceania										
Australia, New South Wales	253	**1.2**	*0.08*	0.14	*0.01*	84	**0.4**	*0.04*	0.04	*0.01*
Australia, Northern Territory	28	**5.5**	*1.11*	0.60	*0.13*	6	**1.6**	*0.72*	0.24	*0.13*
Australia, Queensland	163	**1.4**	*0.11*	0.17	*0.02*	47	**0.4**	*0.06*	0.05	*0.01*
Australia, South	78	**1.5**	*0.18*	0.18	*0.02*	21	**0.3**	*0.08*	0.04	*0.01*
Australia, Tasmania	19	**1.2**	*0.27*	0.13	*0.03*	4	**0.3**	*0.13*	0.03	*0.02*
Australia, Victoria	189	**1.2**	*0.09*	0.15	*0.01*	62	**0.4**	*0.05*	0.05	*0.01*
Australia, Western	87	**1.5**	*0.16*	0.17	*0.02*	19	**0.3**	*0.08*	0.04	*0.01*
Australian Capital Territory	8	**0.9**	*0.32*	0.10	*0.04*	3	**0.3**	*0.19*	0.04	*0.03*
French Polynesia	9	**1.9**	*0.64*	0.21	*0.08*	2	**0.4**	*0.32*	0.06	*0.04*
New Zealand	112	**1.0**	*0.09*	0.11	*0.01*	28	**0.2**	*0.04*	0.02	*0.01*
USA, Hawaii	57	**1.4**	*0.19*	0.16	*0.02*	21	**0.4**	*0.10*	0.05	*0.01*
USA, Hawaii: Chinese	1	**0.3**	*0.33*	0.03	*0.03*	2	**0.6**	*0.43*	0.08	*0.06*
USA, Hawaii: Filipino	5	**0.6**	*0.30*	0.08	*0.05*	2	**0.2**	*0.18*	0.02	*0.02*
USA, Hawaii: Hawaiian	13	**2.5**	*0.70*	0.32	*0.10*	0	**-**	-	-	-
USA, Hawaii: Japanese	9	**1.0**	*0.36*	0.11	*0.04*	2	**0.0**	*0.03*	-	-
USA, Hawaii: White	24	**2.0**	*0.42*	0.21	*0.05*	13	**1.1**	*0.34*	0.16	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other oropharynx (C10)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	0	-	-	-	-	0	-	-	-	- *
Egypt, Gharbiah	3	**0.1**	*0.04*	-	-	2	**0.0**	*0.03*	-	-
Tunisia, Centre, Sousse	1	**0.1**	*0.11*	-	-	1	**0.1**	*0.12*	-	- *
Uganda, Kyadondo County	7	**0.6**	*0.28*	-	-	1	**0.0**	*0.02*	-	- *
Zimbabwe, Harare: African	6	**0.4**	*0.20*	-	-	1	**0.0**	*0.02*	-	- *
America, Central and South										
Argentina, Bahia Blanca	7	**0.9**	*0.35*	0.10	*0.04*	1	**0.1**	*0.13*	0.02	*0.02*
Brazil, Brasilia	24	**1.1**	*0.23*	0.16	*0.04*	7	**0.2**	*0.10*	0.03	*0.02*
Brazil, Cuiaba	14	**1.8**	*0.49*	0.20	*0.06*	4	**0.7**	*0.35*	0.09	*0.05*
Brazil, Goiania	22	**1.5**	*0.32*	0.17	*0.04*	2	**0.1**	*0.06*	0.01	*0.01*
Brazil, Sao Paulo	464	**2.2**	*0.11*	0.27	*0.01*	88	**0.3**	*0.04*	0.04	*0.00*
Chile, Valdivia	2	**0.2**	*0.15*	0.02	*0.02*	0	**-**	-	-	-
Colombia, Cali	6	**0.2**	*0.09*	0.04	*0.02*	3	**0.1**	*0.04*	0.01	*0.01*
Costa Rica	8	**0.1**	*0.04*	0.01	*0.01*	1	**0.0**	*0.01*	0.00	*0.00*
Ecuador, Quito	0	**-**	-	-	-	1	**0.0**	*0.04*	0.00	*0.00*
France, La Martinique	23	**2.2**	*0.47*	0.26	*0.06*	5	**0.3**	*0.16*	0.04	*0.02*
Peru, Trujillo	0	**-**	-	-	-	2	**0.2**	*0.15*	0.03	*0.02* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	288	**0.4**	*0.02*	0.05	*0.00*	88	**0.1**	*0.01*	0.01	*0.00*
Canada, Alberta	24	**0.3**	*0.06*	0.04	*0.01*	11	**0.1**	*0.04*	0.01	*0.00*
Canada, British Columbia	53	**0.4**	*0.05*	0.04	*0.01*	19	**0.1**	*0.03*	0.01	*0.00*
Canada, Manitoba	19	**0.5**	*0.12*	0.06	*0.02*	3	**0.0**	*0.03*	0.00	*0.00*
Canada, New Brunswick	5	**0.2**	*0.09*	0.02	*0.01*	0	**-**	-	-	-
Canada, Newfoundland and Labrador	5	**0.3**	*0.14*	0.05	*0.02*	0	**-**	-	-	-
Canada, Northwest Territories	0	**-**	-	-	-	0	**-**	-	-	-
Canada, Nova Scotia	21	**0.6**	*0.14*	0.07	*0.02*	5	**0.1**	*0.05*	0.02	*0.01*
Canada, Ontario	149	**0.4**	*0.03*	0.05	*0.00*	46	**0.1**	*0.02*	0.01	*0.00*
Canada, Prince Edward Island	0	**-**	-	-	-	1	**0.1**	*0.06*	-	-
Canada, Saskatchewan	12	**0.3**	*0.10*	0.05	*0.02*	3	**0.1**	*0.06*	0.01	*0.01*
USA, Alabama	103	**0.8**	*0.08*	0.09	*0.01*	29	**0.2**	*0.03*	0.02	*0.00*
USA, Alabama: Black	29	**1.1**	*0.21*	0.13	*0.03*	5	**0.1**	*0.06*	0.02	*0.01*
USA, Alabama: White	74	**0.7**	*0.08*	0.09	*0.01*	24	**0.2**	*0.04*	0.02	*0.00*
USA, Alaska	7	**0.3**	*0.13*	0.03	*0.01*	2	**0.1**	*0.10*	0.03	*0.02*
USA, Arizona	53	**0.3**	*0.05*	0.04	*0.01*	29	**0.2**	*0.03*	0.02	*0.00*
USA, California	271	**0.3**	*0.02*	0.04	*0.00*	123	**0.1**	*0.01*	0.01	*0.00*
USA, California: Asian and Pacific Islander	8	**0.1**	*0.03*	0.01	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
USA, California: Black	31	**0.6**	*0.10*	0.08	*0.02*	13	**0.2**	*0.05*	0.02	*0.01*
USA, California: Hispanic White	37	**0.3**	*0.04*	0.03	*0.01*	10	**0.0**	*0.01*	0.00	*0.00*
USA, California: Non-Hispanic White	194	**0.3**	*0.02*	0.04	*0.00*	94	**0.1**	*0.01*	0.02	*0.00*
USA, California, Greater San Francisco Bay Area	50	**0.3**	*0.04*	0.04	*0.01*	27	**0.1**	*0.02*	0.01	*0.00*
USA, California, Greater San Francisco Bay Area: Black	6	**0.5**	*0.20*	0.07	*0.03*	4	**0.3**	*0.13*	0.03	*0.02*
USA, California, Greater San Francisco Bay Area: Chinese	1	**0.1**	*0.06*	0.01	*0.01*	1	**0.1**	*0.06*	0.00	*0.00*
USA, California, Greater San Francisco Bay Area: Filipino	0	**-**	-	-	-	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Japanese	0	**-**	-	-	-	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	8	**0.4**	*0.13*	0.05	*0.02*	1	**0.0**	*0.04*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	35	**0.3**	*0.05*	0.04	*0.01*	21	**0.1**	*0.03*	0.02	*0.01*
USA, California, Los Angeles County	84	**0.4**	*0.04*	0.05	*0.01*	35	**0.1**	*0.02*	0.01	*0.00*
USA, California, Los Angeles County: Black	17	**0.7**	*0.17*	0.10	*0.03*	6	**0.2**	*0.07*	0.02	*0.01*
USA, California, Los Angeles County: Chinese	1	**0.1**	*0.10*	0.01	*0.01*	0	**-**	-	-	-
USA, California, Los Angeles County: Filipino	0	**-**	-	-	-	1	**0.1**	*0.06*	-	-
USA, California, Los Angeles County: Japanese	0	**-**	-	-	-	0	**-**	-	-	-
USA, California, Los Angeles County: Korean	2	**0.4**	*0.27*	0.07	*0.06*	0	**-**	-	-	-
USA, California, Los Angeles County: Hispanic White	16	**0.3**	*0.08*	0.05	*0.01*	4	**0.0**	*0.02*	0.01	*0.00*
USA, California, Los Angeles County: Non-Hispanic White	47	**0.4**	*0.06*	0.05	*0.01*	24	**0.2**	*0.04*	0.02	*0.00*
USA, Colorado	33	**0.3**	*0.05*	0.03	*0.01*	17	**0.1**	*0.03*	0.02	*0.01*
USA, Connecticut	55	**0.5**	*0.07*	0.06	*0.01*	24	**0.2**	*0.04*	0.03	*0.01*
USA, Connecticut: Black	6	**1.0**	*0.42*	0.14	*0.06*	1	**0.1**	*0.13*	0.02	*0.02*
USA, Connecticut: White	49	**0.5**	*0.07*	0.06	*0.01*	23	**0.2**	*0.04*	0.03	*0.01*
USA, District of Columbia	23	**1.4**	*0.31*	0.19	*0.04*	5	**0.2**	*0.09*	0.02	*0.01*
USA, District of Columbia: Black	21	**2.1**	*0.48*	0.27	*0.06*	5	**0.3**	*0.14*	0.03	*0.02*
USA, District of Columbia: White	2	**0.4**	*0.25*	0.06	*0.05*	0	**-**	-	-	-
USA, Florida	356	**0.6**	*0.03*	0.08	*0.00*	134	**0.2**	*0.02*	0.02	*0.00*
USA, Florida: Black	57	**1.1**	*0.15*	0.14	*0.02*	14	**0.2**	*0.06*	0.03	*0.01*
USA, Florida: White	296	**0.6**	*0.03*	0.07	*0.00*	118	**0.2**	*0.02*	0.02	*0.00*
USA, Georgia	144	**0.7**	*0.06*	0.09	*0.01*	47	**0.2**	*0.03*	0.02	*0.00*
USA, Georgia: Black	52	**1.2**	*0.17*	0.15	*0.02*	16	**0.2**	*0.06*	0.02	*0.01*
USA, Georgia: White	92	**0.6**	*0.06*	0.07	*0.01*	31	**0.1**	*0.03*	0.02	*0.00*
USA, Georgia, Atlanta	45	**0.7**	*0.11*	0.09	*0.02*	18	**0.2**	*0.05*	0.02	*0.01*
USA, Georgia, Atlanta: Black	25	**1.5**	*0.31*	0.20	*0.05*	8	**0.3**	*0.11*	0.02	*0.01*
USA, Georgia, Atlanta: White	20	**0.5**	*0.11*	0.06	*0.02*	10	**0.2**	*0.06*	0.02	*0.01*
USA, Idaho	12	**0.3**	*0.09*	0.04	*0.01*	9	**0.2**	*0.07*	0.02	*0.01*
USA, Illinois	231	**0.6**	*0.04*	0.08	*0.01*	65	**0.1**	*0.02*	0.02	*0.00*
USA, Illinois: Black	50	**1.2**	*0.17*	0.14	*0.02*	12	**0.2**	*0.06*	0.02	*0.01*
USA, Illinois: White	179	**0.6**	*0.04*	0.07	*0.01*	51	**0.1**	*0.02*	0.02	*0.00*
USA, Indiana	76	**0.4**	*0.05*	0.05	*0.01*	43	**0.2**	*0.03*	0.02	*0.00*
USA, Iowa	20	**0.2**	*0.04*	0.02	*0.01*	11	**0.1**	*0.03*	0.01	*0.00*
USA, Kentucky	60	**0.5**	*0.06*	0.06	*0.01*	17	**0.1**	*0.02*	0.01	*0.00*
USA, Louisiana	84	**0.6**	*0.07*	0.07	*0.01*	20	**0.1**	*0.03*	0.01	*0.00*
USA, Louisiana: Black	33	**0.9**	*0.17*	0.09	*0.02*	5	**0.1**	*0.06*	0.02	*0.01*
USA, Louisiana: White	51	**0.5**	*0.08*	0.07	*0.01*	15	**0.1**	*0.03*	0.01	*0.00*
USA, Louisiana, New Orleans: Black	5	**0.4**	*0.20*	0.02	*0.02*	3	**0.3**	*0.15*	0.03	*0.02*
USA, Louisiana, New Orleans: White	8	**0.5**	*0.17*	0.06	*0.02*	1	**0.1**	*0.06*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other oropharynx (C10) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	18	**0.4**	*0.10*	0.06	*0.02*	9	**0.2**	*0.06*	0.03	*0.01*
USA, Massachusetts	100	**0.5**	*0.05*	0.06	*0.01*	48	**0.2**	*0.03*	0.02	*0.00*
USA, Michigan	145	**0.5**	*0.04*	0.06	*0.01*	40	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan: Black	26	**0.8**	*0.16*	0.09	*0.02*	6	**0.2**	*0.06*	0.02	*0.01*
USA, Michigan: White	116	**0.4**	*0.04*	0.05	*0.01*	34	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan, Detroit	43	**0.4**	*0.06*	0.05	*0.01*	17	**0.1**	*0.03*	0.02	*0.00*
USA, Michigan, Detroit: Black	20	**0.8**	*0.19*	0.09	*0.02*	3	**0.1**	*0.06*	0.01	*0.01*
USA, Michigan, Detroit: White	23	**0.2**	*0.05*	0.04	*0.01*	13	**0.1**	*0.03*	0.01	*0.00*
USA, Missouri	71	**0.4**	*0.05*	0.05	*0.01*	16	**0.1**	*0.02*	0.01	*0.00*
USA, Missouri: Black	13	**1.1**	*0.30*	0.15	*0.04*	0	**-**	-	-	-
USA, Missouri: White	58	**0.4**	*0.05*	0.05	*0.01*	16	**0.1**	*0.02*	0.01	*0.00*
USA, Montana	11	**0.3**	*0.10*	0.05	*0.02*	2	**0.1**	*0.04*	0.01	*0.01*
USA, NPCR	3321	**0.5**	*0.01*	0.06	*0.00*	1247	**0.1**	*0.00*	0.02	*0.00*
USA, NPCR: Black	628	**1.0**	*0.04*	0.13	*0.01*	182	**0.2**	*0.02*	0.03	*0.00*
USA, NPCR: White	2638	**0.4**	*0.01*	0.06	*0.00*	1040	**0.1**	*0.00*	0.02	*0.00*
USA, New Jersey	107	**0.4**	*0.04*	0.05	*0.01*	58	**0.2**	*0.02*	0.02	*0.00*
USA, New Jersey: Black	21	**0.8**	*0.17*	0.10	*0.03*	13	**0.3**	*0.10*	0.04	*0.01*
USA, New Jersey: White	84	**0.4**	*0.04*	0.04	*0.01*	45	**0.1**	*0.02*	0.02	*0.00*
USA, New Mexico	7	**0.1**	*0.05*	0.02	*0.01*	5	**0.1**	*0.03*	0.01	*0.01*
USA, New Mexico: American Indian	0	**-**	-	-	-	0	**-**	-	-	-
USA, New Mexico: Hispanic White	1	**0.0**	*0.04*	0.00	*0.00*	0	**-**	-	-	-
USA, New Mexico: Non-Hispanic White	6	**0.2**	*0.07*	0.02	*0.01*	5	**0.1**	*0.06*	0.02	*0.01*
USA, New York State	347	**0.6**	*0.03*	0.08	*0.00*	140	**0.2**	*0.02*	0.02	*0.00*
USA, New York State: Black	79	**1.2**	*0.14*	0.16	*0.02*	29	**0.3**	*0.05*	0.04	*0.01*
USA, New York State: White	264	**0.5**	*0.03*	0.07	*0.00*	109	**0.2**	*0.02*	0.02	*0.00*
USA, Ohio	168	**0.5**	*0.04*	0.06	*0.01*	65	**0.1**	*0.02*	0.02	*0.00*
USA, Ohio: Black	25	**0.8**	*0.16*	0.11	*0.02*	10	**0.3**	*0.09*	0.03	*0.01*
USA, Ohio: White	143	**0.4**	*0.04*	0.05	*0.01*	53	**0.1**	*0.02*	0.02	*0.00*
USA, Oklahoma	46	**0.4**	*0.07*	0.06	*0.01*	17	**0.1**	*0.03*	0.02	*0.00*
USA, Oregon	52	**0.4**	*0.06*	0.06	*0.01*	17	**0.1**	*0.03*	0.02	*0.00*
USA, Pennsylvania	208	**0.5**	*0.04*	0.06	*0.00*	75	**0.1**	*0.02*	0.02	*0.00*
USA, Pennsylvania: Black	41	**1.4**	*0.22*	0.17	*0.03*	11	**0.3**	*0.10*	0.04	*0.01*
USA, Pennsylvania: White	161	**0.4**	*0.03*	0.05	*0.00*	63	**0.1**	*0.02*	0.02	*0.00*
USA, Rhode Island	22	**0.7**	*0.14*	0.10	*0.02*	10	**0.3**	*0.10*	0.04	*0.01*
USA, SEER (9 Registries)	269	**0.3**	*0.02*	0.04	*0.00*	109	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (9 Registries): Black	59	**0.9**	*0.13*	0.12	*0.02*	16	**0.2**	*0.05*	0.02	*0.01*
USA, SEER (9 Registries): White	200	**0.3**	*0.02*	0.04	*0.00*	89	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (14 Registries)	754	**0.3**	*0.01*	0.04	*0.00*	311	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	19	**0.1**	*0.03*	0.01	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
USA, SEER (14 Registries): Black	145	**0.8**	*0.07*	0.10	*0.01*	46	**0.2**	*0.03*	0.02	*0.00*
USA, SEER (14 Registries): Hispanic White	56	**0.3**	*0.04*	0.04	*0.01*	16	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (14 Registries): Non-Hispanic White	532	**0.3**	*0.01*	0.04	*0.00*	240	**0.1**	*0.01*	0.01	*0.00*
USA, South Carolina	121	**1.0**	*0.09*	0.11	*0.01*	29	**0.2**	*0.04*	0.03	*0.01*
USA, South Carolina: Black	59	**2.2**	*0.29*	0.25	*0.04*	14	**0.3**	*0.09*	0.03	*0.01*
USA, South Carolina: White	61	**0.6**	*0.08*	0.07	*0.01*	15	**0.1**	*0.04*	0.02	*0.01*
USA, Texas	227	**0.4**	*0.03*	0.05	*0.00*	76	**0.1**	*0.01*	0.02	*0.00*
USA, Texas: Black	31	**0.6**	*0.12*	0.08	*0.02*	10	**0.2**	*0.06*	0.02	*0.01*
USA, Texas: White	192	**0.4**	*0.03*	0.05	*0.00*	64	**0.1**	*0.01*	0.01	*0.00*
USA, Utah	7	**0.1**	*0.05*	0.01	*0.01*	3	**0.0**	*0.02*	0.01	*0.00*
USA, Vermont	5	**0.3**	*0.11*	0.04	*0.02*	3	**0.1**	*0.05*	0.00	*0.00*
USA, Washington State	59	**0.3**	*0.04*	0.04	*0.01*	23	**0.1**	*0.02*	0.02	*0.00*
USA, Washington, Seattle	40	**0.3**	*0.05*	0.03	*0.01*	11	**0.1**	*0.03*	0.01	*0.00*
USA, West Virginia	26	**0.4**	*0.08*	0.04	*0.01*	14	**0.2**	*0.05*	0.03	*0.01*
USA, Wisconsin	94	**0.5**	*0.06*	0.06	*0.01*	42	**0.2**	*0.04*	0.03	*0.01*
Asia										
Bahrain: Bahraini	1	**0.2**	*0.21*	0.03	*0.03*	0	**-**	-	-	-
China, Guangzhou City	16	**0.3**	*0.09*	0.04	*0.01*	0	**-**	-	-	- *
China, Hong Kong										
China, Jiashan	3	**0.2**	*0.14*	0.03	*0.02*	0	**-**	-	-	- *
China, Nangang District, Harbin City	1	**0.0**	*0.04*	0.01	*0.01*	0	**-**	-	-	-
China, Shanghai	28	**0.1**	*0.03*	0.01	*0.00*	11	**0.0**	*0.01*	0.00	*0.00**
China, Zhongshan	4	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	-	- *
Cyprus	7	**0.3**	*0.12*	0.04	*0.02*	0	**-**	-	-	- *
India, Chennai (Madras)	99	**1.1**	*0.11*	0.14	*0.02*	11	**0.1**	*0.04*	0.01	*0.00*
India, New Delhi	140	**0.7**	*0.06*	0.09	*0.01*	20	**0.1**	*0.03*	0.01	*0.00**
India, Karunagappally	12	**1.5**	*0.43*	0.20	*0.06*	0	**-**	-	-	-
India, Mumbai (Bombay)	172	**0.8**	*0.06*	0.10	*0.01*	29	**0.2**	*0.03*	0.02	*0.00*
India, Nagpur	40	**1.1**	*0.18*	0.14	*0.02*	6	**0.2**	*0.07*	0.02	*0.01**
India, Poona	29	**0.5**	*0.09*	0.06	*0.01*	5	**0.1**	*0.04*	0.02	*0.01**
India, Trivandrum	49	**1.8**	*0.26*	0.25	*0.04*	1	**0.0**	*0.03*	0.01	*0.01**
Israel	28	**0.2**	*0.04*	0.02	*0.00*	13	**0.1**	*0.02*	0.01	*0.00*
Israel: Jews	25	**0.2**	*0.04*	0.02	*0.00*	11	**0.1**	*0.02*	0.01	*0.00*
Israel: Non-Jews	2	**0.1**	*0.09*	0.00	*0.00*	2	**0.1**	*0.08*	0.01	*0.01*
Japan, Aichi Prefecture	28	**0.7**	*0.14*	0.09	*0.02*	6	**0.1**	*0.06*	0.02	*0.01*
Japan, Fukui Prefecture	12	**0.3**	*0.09*	0.04	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
Japan, Hiroshima	29	**0.7**	*0.13*	0.11	*0.02*	3	**0.1**	*0.04*	0.01	*0.00*
Japan, Miyagi Prefecture	102	**1.0**	*0.11*	0.13	*0.01*	12	**0.1**	*0.03*	0.01	*0.00*
Japan, Nagasaki Prefecture	34	**0.5**	*0.09*	0.06	*0.01*	5	**0.1**	*0.03*	0.01	*0.00*
Japan, Osaka Prefecture	242	**0.7**	*0.04*	0.09	*0.01*	34	**0.1**	*0.01*	0.01	*0.00*
Japan, Yamagata Prefecture	40	**0.6**	*0.11*	0.08	*0.01*	10	**0.1**	*0.04*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other oropharynx (C10) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	229	**0.3**	*0.02*	0.04	*0.00*	22	**0.0**	*0.00*	0.00	*0.00*
Korea, Busan	24	**0.3**	*0.06*	0.04	*0.01*	3	**0.0**	*0.02*	0.00	*0.00*
Korea, Daegu	13	**0.3**	*0.08*	0.04	*0.01*	1	**0.0**	*0.01*	-	-
Korea, Daejeon	7	**0.3**	*0.12*	0.04	*0.02*	1	**0.0**	*0.03*	0.00	*0.00*
Korea, Gwangju	20	**0.7**	*0.17*	0.11	*0.03*	2	**0.1**	*0.04*	0.00	*0.00*
Korea, Incheon	10	**0.2**	*0.07*	0.03	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
Korea, Jejudo	1	**0.1**	*0.09*	0.01	*0.01*	0	**-**	-	-	-
Korea, Seoul	44	**0.2**	*0.04*	0.03	*0.01*	5	**0.0**	*0.01*	0.00	*0.00*
Korea, Ulsan	4	**0.5**	*0.23*	0.09	*0.05*	2	**0.1**	*0.08*	0.02	*0.02*
Kuwait: Kuwaitis	0	**-**	-	-	-	0	**-**	-	-	-
Kuwait: Non-Kuwaitis	0	**-**	-	-	-	0	**-**	-	-	-
Malaysia, Penang	12	**0.6**	*0.19*	0.09	*0.03*	4	**0.2**	*0.10*	0.03	*0.01*
Malaysia, Sarawak	8	**0.2**	*0.09*	0.03	*0.01*	5	**0.1**	*0.05*	0.00	*0.00*
Oman: Omani	2	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	-	- *
Pakistan, South Karachi	14	**0.5**	*0.16*	0.07	*0.02*	5	**0.3**	*0.12*	0.05	*0.02**
Philippines, Manila	6	**0.1**	*0.04*	0.01	*0.00*	3	**0.0**	*0.03*	0.01	*0.01**
Singapore	26	**0.3**	*0.06*	0.04	*0.01*	3	**0.0**	*0.02*	0.00	*0.00*
Singapore: Chinese	25	**0.4**	*0.08*	0.06	*0.01*	3	**0.0**	*0.02*	0.00	*0.00*
Singapore: Indian	1	**0.1**	*0.14*	0.01	*0.01*	0	**-**	-	-	-
Singapore: Malay	0	**-**	-	-	-	0	**-**	-	-	-
Thailand, Chiang Mai	7	**0.2**	*0.07*	0.02	*0.01*	3	**0.1**	*0.04*	0.01	*0.01**
Thailand, Lampang	5	**0.3**	*0.12*	0.04	*0.02*	3	**0.1**	*0.07*	0.00	*0.00**
Thailand, Songkhla	17	**0.6**	*0.16*	0.07	*0.02*	0	**-**	-	-	-
Turkey, Antalya	1	**0.0**	*0.03*	0.00	*0.00*	1	**0.0**	*0.03*	0.00	*0.00**
Turkey, Izmir	9	**0.1**	*0.03*	0.01	*0.01*	2	**0.0**	*0.02*	0.00	*0.00**
Europe										
Austria	287	**1.1**	*0.06*	0.13	*0.01*	60	**0.2**	*0.03*	0.02	*0.00*
Austria, Tyrol	23	**1.1**	*0.22*	0.13	*0.03*	4	**0.2**	*0.10*	0.02	*0.01*
Austria, Vorarlberg	15	**1.4**	*0.36*	0.17	*0.05*	7	**0.6**	*0.24*	0.08	*0.03*
Belarus	596	**2.1**	*0.09*	0.25	*0.01*	27	**0.1**	*0.01*	0.01	*0.00**
Belgium, Antwerp	27	**0.4**	*0.08*	0.05	*0.01*	6	**0.1**	*0.03*	0.01	*0.00**
Belgium, Flanders	131	**0.8**	*0.07*	0.09	*0.01*	23	**0.1**	*0.03*	0.01	*0.00*
Bulgaria	88	**0.3**	*0.04*	0.04	*0.00*	10	**0.0**	*0.01*	0.00	*0.00**
Croatia	220	**1.4**	*0.10*	0.17	*0.01*	38	**0.2**	*0.03*	0.02	*0.00*
Czech Republic	277	**0.8**	*0.05*	0.09	*0.01*	51	**0.1**	*0.02*	0.01	*0.00*
Denmark	129	**0.7**	*0.06*	0.08	*0.01*	62	**0.3**	*0.04*	0.04	*0.01*
Estonia	97	**2.3**	*0.24*	0.29	*0.03*	12	**0.2**	*0.06*	0.02	*0.01*
Finland	17	**0.1**	*0.02*	0.01	*0.00*	5	**0.0**	*0.01*	0.00	*0.00*
France, Bas-Rhin	119	**3.5**	*0.33*	0.41	*0.04*	23	**0.7**	*0.14*	0.08	*0.02*
France, Calvados	93	**4.4**	*0.47*	0.54	*0.06*	14	**0.6**	*0.17*	0.07	*0.02*
France, Doubs	52	**3.1**	*0.43*	0.37	*0.06*	5	**0.3**	*0.14*	0.03	*0.01*
France, Haut-Rhin	71	**2.9**	*0.35*	0.35	*0.05*	8	**0.3**	*0.11*	0.04	*0.01*
France, Herault	67	**2.3**	*0.28*	0.25	*0.03*	9	**0.3**	*0.09*	0.03	*0.01*
France, Isere	82	**2.2**	*0.25*	0.26	*0.03*	7	**0.2**	*0.07*	0.02	*0.01*
France, Loire-Atlantique	122	**3.3**	*0.31*	0.41	*0.04*	15	**0.3**	*0.09*	0.04	*0.01*
France, Manche	73	**4.3**	*0.52*	0.47	*0.06*	4	**0.3**	*0.14*	0.03	*0.01*
France, Somme	59	**3.4**	*0.44*	0.39	*0.05*	12	**0.6**	*0.18*	0.07	*0.02*
France, Tarn	23	**1.8**	*0.40*	0.18	*0.04*	3	**0.3**	*0.16*	0.02	*0.01*
France, Vendee	62	**3.2**	*0.41*	0.36	*0.05*	5	**0.3**	*0.12*	0.02	*0.01*
Germany, Brandenburg	142	**1.5**	*0.12*	0.17	*0.02*	31	**0.3**	*0.05*	0.03	*0.01*
Germany, Free State of Saxony	271	**1.7**	*0.10*	0.18	*0.01*	41	**0.2**	*0.03*	0.02	*0.00*
Germany, Hamburg	157	**2.5**	*0.20*	0.30	*0.03*	70	**1.0**	*0.12*	0.11	*0.01*
Germany, Mecklenburg-Western Pomerania	159	**2.5**	*0.20*	0.28	*0.02*	26	**0.3**	*0.06*	0.04	*0.01*
Germany, Munich	63	**0.7**	*0.09*	0.09	*0.01*	22	**0.2**	*0.05*	0.02	*0.01*
Germany, Northrhine-Westphalia: Munster	223	**2.4**	*0.16*	0.29	*0.02*	68	**0.7**	*0.09*	0.08	*0.01*
Germany, Saarland	91	**2.2**	*0.24*	0.26	*0.03*	19	**0.4**	*0.10*	0.04	*0.01*
Iceland	1	**0.1**	*0.11*	0.01	*0.01*	0	**-**	-	-	-
Ireland	37	**0.3**	*0.06*	0.04	*0.01*	6	**0.0**	*0.02*	0.01	*0.00*
Italy, Biella Province	7	**0.7**	*0.29*	0.11	*0.05*	0	**-**	-	-	-
Italy, Brescia Province	21	**0.9**	*0.20*	0.10	*0.02*	3	**0.1**	*0.05*	0.01	*0.01*
Italy, Ferrara Province	16	**0.9**	*0.24*	0.13	*0.03*	1	**0.1**	*0.08*	0.01	*0.01*
Italy, Florence and Prato	23	**0.5**	*0.11*	0.06	*0.01*	5	**0.1**	*0.04*	0.01	*0.01*
Italy, Genoa Province	8	**0.4**	*0.14*	0.04	*0.02*	5	**0.1**	*0.06*	0.02	*0.01*
Italy, Macerata Province	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Milan	33	**0.7**	*0.13*	0.10	*0.02*	10	**0.2**	*0.07*	0.02	*0.01*
Italy, Modena Province	26	**1.0**	*0.20*	0.10	*0.02*	7	**0.3**	*0.10*	0.04	*0.01*
Italy, Naples	3	**0.2**	*0.13*	0.03	*0.02*	0	**-**	-	-	-
Italy, North East Cancer Surveillance Network	75	**0.9**	*0.11*	0.11	*0.01*	15	**0.2**	*0.05*	0.02	*0.01*
Italy, Parma Province	6	**0.3**	*0.15*	0.04	*0.02*	2	**0.1**	*0.06*	0.01	*0.01*
Italy, Ragusa Province	4	**0.3**	*0.17*	0.04	*0.02*	1	**0.1**	*0.11*	0.01	*0.01*
Italy, Reggio Emilia Province	13	**0.7**	*0.20*	0.09	*0.03*	3	**0.1**	*0.09*	0.02	*0.01*
Italy, Romagna Region	8	**0.2**	*0.07*	0.02	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
Italy, Salerno Province	9	**0.3**	*0.11*	0.04	*0.01*	2	**0.1**	*0.04*	0.01	*0.01*
Italy, Sassari Province	4	**0.2**	*0.12*	0.03	*0.02*	3	**0.1**	*0.08*	0.01	*0.01*
Italy, Syracuse Province	1	**0.0**	*0.04*	-	-	0	**-**	-	-	-
Italy, Sondrio	5	**0.7**	*0.32*	0.11	*0.05*	2	**0.3**	*0.22*	0.04	*0.03*
Italy, Torino	47	**1.2**	*0.19*	0.15	*0.02*	9	**0.2**	*0.06*	0.02	*0.01*
Italy, Umbria Region	14	**0.4**	*0.11*	0.04	*0.01*	2	**0.0**	*0.01*	-	-
Italy, Varese Province	22	**1.3**	*0.27*	0.14	*0.03*	5	**0.3**	*0.12*	0.03	*0.01*
Italy, Veneto Region	30	**0.5**	*0.09*	0.06	*0.01*	6	**0.1**	*0.03*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other oropharynx (C10) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	89	**1.2**	*0.13*	0.16	*0.02*	11	**0.1**	*0.04*	0.01	*0.00*
Lithuania	225	**2.3**	*0.15*	0.26	*0.02*	20	**0.1**	*0.03*	0.02	*0.00*
Malta	4	**0.3**	*0.15*	0.03	*0.02*	0	**-**	-	-	-
Norway	47	**0.3**	*0.05*	0.04	*0.01*	25	**0.1**	*0.03*	0.02	*0.00*
Poland, Cracow	27	**1.0**	*0.20*	0.14	*0.03*	4	**0.1**	*0.06*	0.01	*0.01**
Poland, Kielce	59	**1.5**	*0.20*	0.17	*0.02*	7	**0.1**	*0.05*	0.01	*0.01*
Poland, Warsaw City	120	**2.1**	*0.20*	0.26	*0.03*	46	**0.6**	*0.09*	0.07	*0.01*
Portugal, Porto	95	**1.0**	*0.11*	0.12	*0.01*	7	**0.1**	*0.02*	0.01	*0.00**
Portugal, South Regional	87	**0.9**	*0.10*	0.11	*0.01*	3	**0.0**	*0.01*	-	-
Russia, St Petersburg	220	**1.6**	*0.11*	0.20	*0.01*	33	**0.1**	*0.03*	0.02	*0.00*
Serbia	94	**0.6**	*0.06*	0.07	*0.01*	14	**0.1**	*0.02*	0.01	*0.00*
Slovak Republic	420	**2.7**	*0.13*	0.30	*0.02*	14	**0.1**	*0.02*	0.01	*0.00*
Slovenia	217	**3.2**	*0.22*	0.39	*0.03*	16	**0.2**	*0.05*	0.02	*0.01*
Spain, Albacete	1	**0.1**	*0.12*	0.01	*0.01*	0	**-**	-	-	-
Spain, Asturias	118	**3.0**	*0.29*	0.35	*0.03*	6	**0.2**	*0.06*	0.02	*0.01*
Spain, Basque Country	111	**1.8**	*0.18*	0.21	*0.02*	6	**0.1**	*0.04*	0.01	*0.00*
Spain, Canary Islands	52	**1.2**	*0.17*	0.14	*0.02*	0	**-**	-	-	-
Spain, Cuenca	3	**0.4**	*0.25*	0.06	*0.03*	0	**-**	-	-	-
Spain, Girona	14	**0.8**	*0.21*	0.09	*0.03*	0	**-**	-	-	-
Spain, Granada	22	**0.9**	*0.20*	0.11	*0.02*	1	**0.0**	*0.02*	0.01	*0.01*
Spain, Murcia	13	**0.4**	*0.11*	0.04	*0.01*	2	**0.1**	*0.04*	0.01	*0.01*
Spain, Navarra	26	**1.3**	*0.27*	0.16	*0.03*	1	**0.1**	*0.05*	0.01	*0.01*
Spain, Tarragona	17	**1.0**	*0.26*	0.13	*0.03*	1	**0.0**	*0.03*	0.01	*0.01*
Spain, Zaragoza	14	**0.5**	*0.13*	0.05	*0.01*	1	**0.0**	*0.04*	0.00	*0.00*
Sweden	51	**0.1**	*0.02*	0.02	*0.00*	25	**0.1**	*0.01*	0.01	*0.00*
Switzerland, Geneva	34	**2.4**	*0.41*	0.30	*0.06*	13	**0.8**	*0.23*	0.11	*0.03*
Switzerland, Graubunden and Glarus	10	**1.3**	*0.42*	0.16	*0.05*	2	**0.3**	*0.20*	0.03	*0.02*
Switzerland, Neuchatel	4	**0.7**	*0.37*	0.08	*0.04*	2	**0.3**	*0.22*	0.05	*0.03*
Switzerland, St Gall-Appenzell	24	**1.4**	*0.29*	0.17	*0.04*	5	**0.3**	*0.14*	0.03	*0.02*
Switzerland, Ticino	15	**1.2**	*0.31*	0.14	*0.04*	6	**0.4**	*0.18*	0.04	*0.02*
Switzerland, Valais	6	**0.6**	*0.25*	0.05	*0.03*	2	**0.2**	*0.12*	0.01	*0.01*
Switzerland, Vaud	35	**1.7**	*0.28*	0.21	*0.04*	10	**0.4**	*0.14*	0.05	*0.02*
The Netherlands	350	**0.6**	*0.03*	0.08	*0.00*	125	**0.2**	*0.02*	0.03	*0.00*
The Netherlands, Eindhoven	24	**0.7**	*0.14*	0.09	*0.02*	8	**0.2**	*0.08*	0.03	*0.01*
The Netherlands, Maastricht	27	**0.8**	*0.15*	0.09	*0.02*	3	**0.1**	*0.05*	0.01	*0.01*
UK, East of England Region	17	**0.2**	*0.04*	0.02	*0.00*	9	**0.1**	*0.03*	0.01	*0.00*
UK, England, Merseyside and Cheshire	38	**0.4**	*0.07*	0.05	*0.01*	12	**0.1**	*0.04*	0.01	*0.00*
UK, England, North Western	61	**0.4**	*0.05*	0.05	*0.01*	20	**0.1**	*0.03*	0.02	*0.00*
UK, England, Northern and Yorkshire	71	**0.3**	*0.03*	0.04	*0.00*	20	**0.1**	*0.02*	0.01	*0.00*
UK, England, Oxford Region	18	**0.2**	*0.05*	0.02	*0.01*	4	**0.0**	*0.02*	0.00	*0.00*
UK, England, South and Western Regions	54	**0.2**	*0.03*	0.02	*0.00*	18	**0.1**	*0.01*	0.01	*0.00*
UK, England, Thames	111	**0.2**	*0.02*	0.03	*0.00*	46	**0.1**	*0.01*	0.01	*0.00*
UK, England, Trent	43	**0.2**	*0.04*	0.03	*0.00*	11	**0.0**	*0.02*	0.01	*0.00*
UK, England, West Midlands	51	**0.3**	*0.04*	0.03	*0.01*	16	**0.1**	*0.02*	0.01	*0.00*
UK, Northern Ireland	13	**0.3**	*0.07*	0.03	*0.01*	8	**0.1**	*0.05*	0.01	*0.00*
UK, Scotland	85	**0.5**	*0.05*	0.05	*0.01*	35	**0.1**	*0.02*	0.02	*0.00*
Oceania										
Australia, New South Wales	106	**0.5**	*0.05*	0.06	*0.01*	24	**0.1**	*0.02*	0.01	*0.00*
Australia, Northern Territory	10	**2.1**	*0.68*	0.24	*0.08*	2	**0.4**	*0.32*	0.05	*0.04*
Australia, Queensland	63	**0.6**	*0.07*	0.07	*0.01*	15	**0.1**	*0.04*	0.02	*0.00*
Australia, South	19	**0.4**	*0.09*	0.04	*0.01*	8	**0.1**	*0.05*	0.01	*0.01*
Australia, Tasmania	9	**0.6**	*0.20*	0.06	*0.02*	2	**0.1**	*0.06*	0.02	*0.02*
Australia, Victoria	60	**0.4**	*0.05*	0.06	*0.01*	20	**0.1**	*0.03*	0.02	*0.00*
Australia, Western	24	**0.4**	*0.08*	0.04	*0.01*	5	**0.1**	*0.04*	0.01	*0.00*
Australian Capital Territory	3	**0.4**	*0.21*	0.04	*0.02*	1	**0.1**	*0.11*	0.03	*0.03*
French Polynesia	4	**0.8**	*0.41*	0.08	*0.04*	0	**-**	-	-	-
New Zealand	25	**0.2**	*0.04*	0.03	*0.01*	6	**0.0**	*0.02*	0.00	*0.00*
USA, Hawaii	13	**0.3**	*0.09*	0.03	*0.01*	3	**0.1**	*0.04*	0.01	*0.01*
USA, Hawaii: Chinese	0	**-**	-	-	-	0	**-**	-	-	-
USA, Hawaii: Filipino	3	**0.2**	*0.13*	-	-	0	**-**	-	-	-
USA, Hawaii: Hawaiian	1	**0.2**	*0.19*	0.02	*0.02*	1	**0.2**	*0.18*	0.02	*0.02*
USA, Hawaii: Japanese	3	**0.3**	*0.19*	0.03	*0.02*	0	**-**	-	-	-
USA, Hawaii: White	4	**0.4**	*0.18*	0.04	*0.02*	2	**0.2**	*0.13*	0.02	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nasopharynx (C11)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	140	**5.4**	*0.50*	-	-	47	**1.7**	*0.27*	-	- *
Egypt, Gharbiah	57	**1.2**	*0.17*	-	-	23	**0.4**	*0.08*	-	-
Tunisia, Centre, Sousse	44	**4.6**	*0.71*	-	-	21	**1.9**	*0.43*	-	- *
Uganda, Kyadondo County	42	**2.3**	*0.48*	-	-	31	**1.3**	*0.34*	-	- *
Zimbabwe, Harare: African	20	**0.6**	*0.16*	-	-	9	**0.3**	*0.12*	-	- *
America, Central and South										
Argentina, Bahia Blanca	3	**0.4**	*0.22*	0.03	*0.02*	1	**0.1**	*0.14*	0.01	*0.01*
Brazil, Brasilia	17	**0.5**	*0.13*	0.03	*0.01*	7	**0.3**	*0.11*	0.03	*0.02*
Brazil, Cuiaba	2	**0.3**	*0.22*	0.03	*0.03*	2	**0.3**	*0.21*	0.04	*0.03*
Brazil, Goiania	25	**1.4**	*0.31*	0.14	*0.04*	4	**0.2**	*0.09*	0.01	*0.01*
Brazil, Sao Paulo	216	**1.0**	*0.07*	0.11	*0.01*	97	**0.3**	*0.04*	0.03	*0.00*
Chile, Valdivia	3	**0.3**	*0.17*	0.02	*0.01*	2	**0.2**	*0.14*	0.02	*0.02*
Colombia, Cali	17	**0.5**	*0.12*	0.05	*0.01*	13	**0.3**	*0.08*	0.03	*0.01*
Costa Rica	68	**0.8**	*0.10*	0.08	*0.01*	27	**0.3**	*0.06*	0.02	*0.01*
Ecuador, Quito	6	**0.2**	*0.09*	0.02	*0.01*	1	**0.0**	*0.02*	-	-
France, La Martinique	9	**0.9**	*0.29*	0.11	*0.04*	5	**0.3**	*0.16*	0.02	*0.01*
Peru, Trujillo	2	**0.2**	*0.16*	0.03	*0.02*	1	**0.1**	*0.12*	0.01	*0.01* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	623	**0.8**	*0.03*	0.09	*0.00*	270	**0.3**	*0.02*	0.03	*0.00*
Canada, Alberta	64	**0.7**	*0.09*	0.08	*0.01*	21	**0.2**	*0.05*	0.02	*0.01*
Canada, British Columbia	152	**1.1**	*0.09*	0.11	*0.01*	76	**0.5**	*0.06*	0.05	*0.01*
Canada, Manitoba	20	**0.5**	*0.13*	0.07	*0.02*	15	**0.4**	*0.10*	0.04	*0.01*
Canada, New Brunswick	8	**0.4**	*0.13*	0.04	*0.01*	4	**0.2**	*0.10*	0.01	*0.01*
Canada, Newfoundland and Labrador	16	**0.9**	*0.23*	0.12	*0.03*	2	**0.1**	*0.06*	0.00	*0.00*
Canada, Northwest Territories	4	**4.3**	*2.31*	0.55	*0.34*	1	**1.3**	*1.31*	0.16	*0.16*
Canada, Nova Scotia	16	**0.5**	*0.13*	0.06	*0.02*	6	**0.2**	*0.09*	0.03	*0.01*
Canada, Ontario	326	**0.9**	*0.05*	0.09	*0.01*	140	**0.4**	*0.03*	0.04	*0.00*
Canada, Prince Edward Island	1	**0.2**	*0.20*	0.05	*0.05*	0	**-**	-	-	-
Canada, Saskatchewan	16	**0.5**	*0.13*	0.05	*0.02*	5	**0.2**	*0.07*	0.01	*0.01*
USA, Alabama	85	**0.6**	*0.07*	0.07	*0.01*	42	**0.3**	*0.04*	0.03	*0.01*
USA, Alabama: Black	20	**0.7**	*0.16*	0.06	*0.01*	9	**0.3**	*0.09*	0.02	*0.01*
USA, Alabama: White	65	**0.6**	*0.07*	0.07	*0.01*	32	**0.3**	*0.05*	0.03	*0.01*
USA, Alaska	24	**1.5**	*0.31*	0.17	*0.05*	14	**0.9**	*0.26*	0.13	*0.04*
USA, Arizona	71	**0.4**	*0.06*	0.05	*0.01*	28	**0.1**	*0.03*	0.02	*0.00*
USA, California	809	**0.9**	*0.03*	0.09	*0.00*	373	**0.4**	*0.02*	0.04	*0.00*
USA, California: Asian and Pacific Islander	431	**3.8**	*0.19*	0.41	*0.02*	205	**1.5**	*0.11*	0.16	*0.01*
USA, California: Black	43	**0.7**	*0.11*	0.07	*0.01*	25	**0.3**	*0.07*	0.04	*0.01*
USA, California: Hispanic White	79	**0.4**	*0.05*	0.05	*0.01*	31	**0.1**	*0.03*	0.01	*0.00*
USA, California: Non-Hispanic White	247	**0.4**	*0.03*	0.05	*0.00*	109	**0.2**	*0.02*	0.02	*0.00*
USA, California, Greater San Francisco Bay Area	236	**1.2**	*0.08*	0.14	*0.01*	127	**0.6**	*0.06*	0.07	*0.01*
USA, California, Greater San Francisco Bay Area: Black	6	**0.4**	*0.19*	0.06	*0.03*	5	**0.3**	*0.16*	0.02	*0.01*
USA, California, Greater San Francisco Bay Area: Chinese	120	**8.1**	*0.75*	0.94	*0.09*	66	**4.0**	*0.50*	0.44	*0.06*
USA, California, Greater San Francisco Bay Area: Filipino	28	**3.1**	*0.60*	0.31	*0.07*	12	**1.0**	*0.30*	0.12	*0.04*
USA, California, Greater San Francisco Bay Area: Japanese	2	**0.9**	*0.65*	0.10	*0.08*	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	10	**0.4**	*0.13*	0.04	*0.02*	4	**0.1**	*0.07*	0.02	*0.01*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	43	**0.4**	*0.06*	0.05	*0.01*	24	**0.2**	*0.06*	0.02	*0.01*
USA, California, Los Angeles County	229	**0.9**	*0.06*	0.09	*0.01*	99	**0.3**	*0.03*	0.03	*0.00*
USA, California, Los Angeles County: Black	23	**0.9**	*0.19*	0.10	*0.02*	10	**0.3**	*0.09*	0.03	*0.01*
USA, California, Los Angeles County: Chinese	64	**6.0**	*0.77*	0.63	*0.09*	24	**1.9**	*0.39*	0.18	*0.04*
USA, California, Los Angeles County: Filipino	29	**3.8**	*0.72*	0.40	*0.08*	9	**0.8**	*0.28*	0.09	*0.04*
USA, California, Los Angeles County: Japanese	1	**0.3**	*0.33*	0.04	*0.04*	1	**0.1**	*0.06*	-	-
USA, California, Los Angeles County: Korean	5	**1.1**	*0.49*	0.13	*0.06*	1	**0.3**	*0.27*	0.01	*0.02*
USA, California, Los Angeles County: Hispanic White	28	**0.3**	*0.07*	0.04	*0.01*	16	**0.2**	*0.04*	0.01	*0.00*
USA, California, Los Angeles County: Non-Hispanic White	41	**0.4**	*0.06*	0.04	*0.01*	24	**0.2**	*0.04*	0.02	*0.01*
USA, Colorado	55	**0.4**	*0.06*	0.05	*0.01*	22	**0.2**	*0.04*	0.02	*0.00*
USA, Connecticut	67	**0.6**	*0.08*	0.07	*0.01*	26	**0.2**	*0.04*	0.02	*0.01*
USA, Connecticut: Black	5	**0.7**	*0.31*	0.09	*0.05*	2	**0.2**	*0.12*	0.01	*0.01*
USA, Connecticut: White	58	**0.6**	*0.08*	0.06	*0.01*	22	**0.2**	*0.05*	0.02	*0.01*
USA, District of Columbia	13	**0.8**	*0.22*	0.09	*0.03*	5	**0.3**	*0.16*	0.03	*0.02*
USA, District of Columbia: Black	12	**1.2**	*0.36*	0.14	*0.04*	5	**0.4**	*0.21*	0.04	*0.02*
USA, District of Columbia: White	0	**-**	-	-	-	0	**-**	-	-	-
USA, Florida	388	**0.7**	*0.04*	0.08	*0.00*	206	**0.3**	*0.03*	0.04	*0.00*
USA, Florida: Black	45	**0.8**	*0.12*	0.08	*0.01*	29	**0.4**	*0.08*	0.04	*0.01*
USA, Florida: White	326	**0.7**	*0.04*	0.08	*0.00*	166	**0.3**	*0.03*	0.03	*0.00*
USA, Georgia	133	**0.6**	*0.05*	0.07	*0.01*	81	**0.3**	*0.04*	0.03	*0.00*
USA, Georgia: Black	33	**0.7**	*0.12*	0.07	*0.02*	24	**0.3**	*0.07*	0.03	*0.01*
USA, Georgia: White	93	**0.6**	*0.06*	0.07	*0.01*	50	**0.3**	*0.04*	0.03	*0.00*
USA, Georgia, Atlanta	40	**0.6**	*0.09*	0.07	*0.01*	23	**0.3**	*0.06*	0.02	*0.01*
USA, Georgia, Atlanta: Black	14	**0.7**	*0.20*	0.07	*0.03*	12	**0.4**	*0.13*	0.04	*0.02*
USA, Georgia, Atlanta: White	20	**0.4**	*0.09*	0.05	*0.01*	6	**0.1**	*0.05*	0.01	*0.00*
USA, Idaho	13	**0.3**	*0.10*	0.03	*0.01*	8	**0.2**	*0.07*	0.02	*0.01*
USA, Illinois	216	**0.6**	*0.04*	0.07	*0.01*	128	**0.3**	*0.03*	0.03	*0.00*
USA, Illinois: Black	50	**1.1**	*0.16*	0.11	*0.02*	29	**0.5**	*0.10*	0.05	*0.01*
USA, Illinois: White	137	**0.5**	*0.04*	0.05	*0.01*	79	**0.2**	*0.03*	0.03	*0.00*
USA, Indiana	91	**0.5**	*0.06*	0.06	*0.01*	41	**0.2**	*0.04*	0.02	*0.00*
USA, Iowa	35	**0.4**	*0.07*	0.04	*0.01*	22	**0.2**	*0.05*	0.03	*0.01*
USA, Kentucky	78	**0.6**	*0.07*	0.07	*0.01*	33	**0.2**	*0.04*	0.03	*0.01*
USA, Louisiana	107	**0.8**	*0.08*	0.09	*0.01*	40	**0.3**	*0.04*	0.03	*0.01*
USA, Louisiana: Black	44	**1.4**	*0.21*	0.16	*0.03*	14	**0.3**	*0.09*	0.03	*0.01*
USA, Louisiana: White	53	**0.6**	*0.08*	0.06	*0.01*	26	**0.2**	*0.05*	0.03	*0.01*
USA, Louisiana, New Orleans: Black	11	**1.2**	*0.35*	0.14	*0.05*	6	**0.4**	*0.18*	0.03	*0.02*
USA, Louisiana, New Orleans: White	13	**0.7**	*0.20*	0.08	*0.03*	8	**0.4**	*0.14*	0.05	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nasopharynx (C11) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	22	**0.5**	*0.12*	0.05	*0.01*	9	**0.2**	*0.10*	0.02	*0.01*
USA, Massachusetts	131	**0.7**	*0.06*	0.07	*0.01*	79	**0.4**	*0.04*	0.04	*0.00*
USA, Michigan	146	**0.5**	*0.04*	0.05	*0.01*	83	**0.2**	*0.03*	0.03	*0.00*
USA, Michigan: Black	28	**0.8**	*0.16*	0.08	*0.02*	10	**0.2**	*0.08*	0.03	*0.01*
USA, Michigan: White	111	**0.4**	*0.04*	0.05	*0.01*	68	**0.2**	*0.03*	0.02	*0.00*
USA, Michigan, Detroit	73	**0.6**	*0.08*	0.07	*0.01*	40	**0.3**	*0.05*	0.04	*0.01*
USA, Michigan, Detroit: Black	21	**0.9**	*0.20*	0.09	*0.02*	6	**0.2**	*0.07*	0.02	*0.01*
USA, Michigan, Detroit: White	48	**0.5**	*0.08*	0.06	*0.01*	31	**0.3**	*0.06*	0.04	*0.01*
USA, Missouri	78	**0.5**	*0.05*	0.05	*0.01*	33	**0.2**	*0.03*	0.02	*0.00*
USA, Missouri: Black	9	**0.7**	*0.22*	0.07	*0.03*	6	**0.3**	*0.13*	0.03	*0.01*
USA, Missouri: White	62	**0.4**	*0.05*	0.05	*0.01*	24	**0.1**	*0.03*	0.02	*0.00*
USA, Montana	11	**0.4**	*0.12*	0.05	*0.02*	3	**0.1**	*0.04*	0.01	*0.01*
USA, NPCR	4294	**0.6**	*0.01*	0.07	*0.00*	2116	**0.3**	*0.01*	0.03	*0.00*
USA, NPCR: Black	565	**0.9**	*0.04*	0.09	*0.00*	295	**0.4**	*0.02*	0.03	*0.00*
USA, NPCR: White	2791	**0.5**	*0.01*	0.06	*0.00*	1383	**0.2**	*0.01*	0.02	*0.00*
USA, New Jersey	189	**0.7**	*0.05*	0.08	*0.01*	81	**0.3**	*0.03*	0.03	*0.00*
USA, New Jersey: Black	26	**0.8**	*0.17*	0.08	*0.02*	10	**0.3**	*0.09*	0.03	*0.01*
USA, New Jersey: White	126	**0.6**	*0.05*	0.07	*0.01*	48	**0.2**	*0.03*	0.02	*0.00*
USA, New Mexico	14	**0.3**	*0.07*	0.02	*0.01*	9	**0.2**	*0.06*	0.02	*0.01*
USA, New Mexico: American Indian	3	**0.6**	*0.36*	0.05	*0.03*	2	**0.4**	*0.30*	0.02	*0.02*
USA, New Mexico: Hispanic White	3	**0.1**	*0.08*	0.01	*0.01*	1	**0.1**	*0.06*	0.01	*0.01*
USA, New Mexico: Non-Hispanic White	5	**0.2**	*0.10*	0.01	*0.01*	6	**0.2**	*0.12*	0.02	*0.01*
USA, New York State	499	**0.9**	*0.04*	0.10	*0.00*	242	**0.3**	*0.02*	0.04	*0.00*
USA, New York State: Black	59	**0.9**	*0.11*	0.09	*0.01*	42	**0.4**	*0.07*	0.04	*0.01*
USA, New York State: White	255	**0.6**	*0.04*	0.06	*0.00*	137	**0.2**	*0.02*	0.03	*0.00*
USA, Ohio	155	**0.5**	*0.04*	0.05	*0.00*	84	**0.2**	*0.02*	0.02	*0.00*
USA, Ohio: Black	18	**0.6**	*0.13*	0.06	*0.02*	6	**0.2**	*0.07*	0.02	*0.01*
USA, Ohio: White	127	**0.4**	*0.04*	0.05	*0.00*	69	**0.2**	*0.02*	0.02	*0.00*
USA, Oklahoma	57	**0.6**	*0.08*	0.06	*0.01*	37	**0.3**	*0.05*	0.04	*0.01*
USA, Oregon	43	**0.4**	*0.06*	0.05	*0.01*	24	**0.2**	*0.04*	0.02	*0.01*
USA, Pennsylvania	192	**0.5**	*0.04*	0.06	*0.00*	97	**0.2**	*0.02*	0.02	*0.00*
USA, Pennsylvania: Black	31	**1.0**	*0.18*	0.10	*0.02*	21	**0.5**	*0.12*	0.05	*0.01*
USA, Pennsylvania: White	137	**0.4**	*0.03*	0.05	*0.00*	73	**0.2**	*0.02*	0.02	*0.00*
USA, Rhode Island	18	**0.6**	*0.14*	0.07	*0.02*	5	**0.1**	*0.05*	0.01	*0.01*
USA, SEER (9 Registries)	577	**0.7**	*0.03*	0.08	*0.00*	286	**0.3**	*0.02*	0.03	*0.00*
USA, SEER (9 Registries): Black	50	**0.7**	*0.11*	0.08	*0.01*	26	**0.3**	*0.05*	0.02	*0.01*
USA, SEER (9 Registries): White	276	**0.4**	*0.03*	0.05	*0.00*	131	**0.2**	*0.02*	0.02	*0.00*
USA, SEER (14 Registries)	1610	**0.8**	*0.02*	0.08	*0.00*	721	**0.3**	*0.01*	0.03	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	592	**3.4**	*0.14*	0.37	*0.02*	269	**1.3**	*0.08*	0.14	*0.01*
USA, SEER (14 Registries): Black	166	**0.9**	*0.07*	0.09	*0.01*	74	**0.3**	*0.04*	0.03	*0.00*
USA, SEER (14 Registries): Hispanic White	105	**0.4**	*0.04*	0.05	*0.01*	43	**0.2**	*0.02*	0.01	*0.00*
USA, SEER (14 Registries): Non-Hispanic White	714	**0.5**	*0.02*	0.05	*0.00*	315	**0.2**	*0.01*	0.02	*0.00*
USA, South Carolina	87	**0.8**	*0.08*	0.08	*0.01*	38	**0.3**	*0.05*	0.03	*0.01*
USA, South Carolina: Black	29	**1.0**	*0.19*	0.12	*0.02*	16	**0.4**	*0.11*	0.04	*0.01*
USA, South Carolina: White	58	**0.7**	*0.09*	0.07	*0.01*	20	**0.2**	*0.05*	0.02	*0.01*
USA, Texas	332	**0.6**	*0.03*	0.06	*0.00*	160	**0.3**	*0.02*	0.03	*0.00*
USA, Texas: Black	62	**1.0**	*0.13*	0.10	*0.02*	26	**0.4**	*0.08*	0.04	*0.01*
USA, Texas: White	242	**0.5**	*0.03*	0.06	*0.00*	116	**0.2**	*0.02*	0.02	*0.00*
USA, Utah	23	**0.4**	*0.09*	0.05	*0.01*	13	**0.2**	*0.07*	0.03	*0.01*
USA, Vermont	8	**0.4**	*0.15*	0.05	*0.02*	6	**0.3**	*0.14*	0.04	*0.02*
USA, Washington State	111	**0.6**	*0.06*	0.07	*0.01*	46	**0.2**	*0.04*	0.02	*0.00*
USA, Washington, Seattle	82	**0.7**	*0.08*	0.08	*0.01*	35	**0.3**	*0.05*	0.02	*0.00*
USA, West Virginia	31	**0.5**	*0.09*	0.07	*0.01*	17	**0.2**	*0.05*	0.03	*0.01*
USA, Wisconsin	84	**0.5**	*0.05*	0.05	*0.01*	44	**0.2**	*0.04*	0.03	*0.00*
Asia										
Bahrain: Bahraini	14	**2.0**	*0.56*	0.19	*0.07*	2	**0.3**	*0.23*	0.04	*0.03*
China, Guangzhou City	1343	**22.2**	*0.62*	2.23	*0.07*	613	**9.8**	*0.40*	0.99	*0.04**
China, Hong Kong	3884	**17.8**	*0.29*	1.88	*0.03*	1503	**6.7**	*0.18*	0.69	*0.02*
China, Jiashan	53	**4.0**	*0.57*	0.47	*0.07*	17	**1.3**	*0.32*	0.12	*0.03**
China, Nangang District, Harbin City	28	**1.1**	*0.21*	0.12	*0.03*	14	**0.5**	*0.14*	0.06	*0.02*
China, Shanghai	918	**4.1**	*0.14*	0.45	*0.02*	351	**1.5**	*0.08*	0.16	*0.01**
China, Zhongshan	946	**26.9**	*0.90*	2.82	*0.10*	367	**10.1**	*0.54*	1.03	*0.06**
Cyprus	10	**0.5**	*0.16*	0.05	*0.02*	7	**0.3**	*0.12*	0.04	*0.01**
India, Chennai (Madras)	82	**0.8**	*0.09*	0.09	*0.01*	27	**0.3**	*0.05*	0.03	*0.01*
India, New Delhi	132	**0.6**	*0.05*	0.07	*0.01*	44	**0.2**	*0.04*	0.03	*0.01**
India, Karunagappally	5	**0.6**	*0.26*	0.07	*0.03*	0	**-**	-	-	-
India, Mumbai (Bombay)	117	**0.5**	*0.05*	0.05	*0.01*	47	**0.2**	*0.03*	0.02	*0.00*
India, Nagpur	20	**0.4**	*0.10*	0.04	*0.01*	12	**0.3**	*0.08*	0.03	*0.01**
India, Poona	35	**0.4**	*0.08*	0.04	*0.01*	15	**0.2**	*0.06*	0.02	*0.01**
India, Trivandrum	18	**0.6**	*0.15*	0.07	*0.02*	9	**0.3**	*0.09*	0.03	*0.01**
Israel	144	**1.0**	*0.08*	0.11	*0.01*	69	**0.4**	*0.05*	0.04	*0.01*
Israel: Jews	119	**0.9**	*0.09*	0.10	*0.01*	63	**0.4**	*0.05*	0.04	*0.01*
Israel: Non-Jews	20	**1.1**	*0.27*	0.15	*0.05*	6	**0.4**	*0.15*	0.05	*0.03*
Japan, Aichi Prefecture	16	**0.4**	*0.11*	0.04	*0.01*	2	**0.1**	*0.05*	0.01	*0.00*
Japan, Fukui Prefecture	9	**0.3**	*0.10*	0.03	*0.01*	3	**0.0**	*0.03*	0.00	*0.00*
Japan, Hiroshima	17	**0.5**	*0.12*	0.05	*0.01*	12	**0.3**	*0.08*	0.03	*0.01*
Japan, Miyagi Prefecture	43	**0.5**	*0.08*	0.06	*0.01*	13	**0.1**	*0.04*	0.01	*0.00*
Japan, Nagasaki Prefecture	30	**0.6**	*0.12*	0.06	*0.01*	11	**0.2**	*0.05*	0.02	*0.01*
Japan, Osaka Prefecture	149	**0.5**	*0.04*	0.05	*0.00*	53	**0.1**	*0.02*	0.02	*0.00*
Japan, Yamagata Prefecture	20	**0.4**	*0.09*	0.04	*0.01*	9	**0.1**	*0.05*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nasopharynx (C11) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	902	**0.9**	*0.03*	0.11	*0.00*	346	**0.3**	*0.02*	0.03	*0.00*
Korea, Busan	80	**0.8**	*0.09*	0.09	*0.01*	39	**0.3**	*0.05*	0.04	*0.01*
Korea, Daegu	52	**0.8**	*0.12*	0.10	*0.02*	15	**0.2**	*0.05*	0.03	*0.01*
Korea, Daejeon	30	**1.0**	*0.20*	0.09	*0.02*	13	**0.3**	*0.10*	0.04	*0.01*
Korea, Gwangju	34	**1.0**	*0.18*	0.10	*0.02*	10	**0.3**	*0.10*	0.04	*0.01*
Korea, Incheon	55	**0.9**	*0.13*	0.09	*0.01*	22	**0.3**	*0.07*	0.03	*0.01*
Korea, Jejudo	16	**2.0**	*0.51*	0.28	*0.09*	3	**0.3**	*0.20*	0.02	*0.01*
Korea, Seoul	262	**1.1**	*0.07*	0.12	*0.01*	84	**0.3**	*0.03*	0.04	*0.00*
Korea, Ulsan	14	**0.9**	*0.26*	0.07	*0.02*	6	**0.3**	*0.15*	0.04	*0.02*
Kuwait: Kuwaitis	17	**1.7**	*0.42*	0.21	*0.06*	10	**0.8**	*0.26*	0.10	*0.04*
Kuwait: Non-Kuwaitis	23	**0.6**	*0.25*	0.09	*0.06*	9	**0.8**	*0.43*	0.06	*0.03*
Malaysia, Penang	225	**9.3**	*0.64*	1.01	*0.08*	81	**3.3**	*0.37*	0.34	*0.04*
Malaysia, Sarawak	633	**15.0**	*0.62*	1.63	*0.08*	280	**6.5**	*0.41*	0.72	*0.05*
Oman: Omani	20	**1.0**	*0.24*	0.11	*0.03*	7	**0.3**	*0.11*	0.03	*0.01**
Pakistan, South Karachi	48	**1.4**	*0.21*	0.13	*0.02*	15	**0.6**	*0.19*	0.06	*0.02**
Philippines, Manila	518	**5.8**	*0.29*	0.66	*0.04*	238	**2.4**	*0.17*	0.26	*0.02**
Singapore	1089	**11.0**	*0.34*	1.17	*0.04*	373	**3.6**	*0.19*	0.36	*0.02*
Singapore: Chinese	1012	**12.8**	*0.41*	1.37	*0.05*	348	**4.1**	*0.22*	0.41	*0.03*
Singapore: Indian	14	**1.8**	*0.50*	0.15	*0.05*	1	**0.1**	*0.11*	0.01	*0.01*
Singapore: Malay	63	**5.5**	*0.74*	0.57	*0.09*	24	**2.0**	*0.43*	0.18	*0.04*
Thailand, Chiang Mai	154	**3.9**	*0.32*	0.42	*0.04*	63	**1.5**	*0.20*	0.17	*0.02**
Thailand, Lampang	58	**2.5**	*0.34*	0.26	*0.04*	33	**1.5**	*0.27*	0.19	*0.04**
Thailand, Songkhla	78	**2.7**	*0.31*	0.28	*0.04*	31	**0.9**	*0.17*	0.10	*0.02*
Turkey, Antalya	44	**1.3**	*0.21*	0.15	*0.02*	16	**0.5**	*0.12*	0.05	*0.01**
Turkey, Izmir	112	**1.3**	*0.12*	0.13	*0.01*	46	**0.5**	*0.08*	0.06	*0.01**
Europe										
Austria	108	**0.4**	*0.04*	0.04	*0.00*	61	**0.2**	*0.02*	0.02	*0.00*
Austria, Tyrol	13	**0.7**	*0.19*	0.08	*0.02*	2	**0.1**	*0.04*	0.01	*0.01*
Austria, Vorarlberg	6	**0.5**	*0.22*	0.06	*0.03*	2	**0.2**	*0.13*	0.02	*0.02*
Belarus	140	**0.5**	*0.04*	0.06	*0.01*	58	**0.2**	*0.02*	0.02	*0.00**
Belgium, Antwerp	23	**0.4**	*0.08*	0.05	*0.01*	9	**0.2**	*0.07*	0.01	*0.01**
Belgium, Flanders	60	**0.4**	*0.06*	0.04	*0.01*	18	**0.1**	*0.03*	0.01	*0.00*
Bulgaria	229	**0.9**	*0.06*	0.09	*0.01*	109	**0.4**	*0.04*	0.04	*0.00**
Croatia	101	**0.7**	*0.07*	0.07	*0.01*	35	**0.2**	*0.04*	0.02	*0.00*
Czech Republic	213	**0.6**	*0.04*	0.07	*0.01*	61	**0.2**	*0.02*	0.02	*0.00*
Denmark	60	**0.4**	*0.05*	0.04	*0.01*	33	**0.2**	*0.03*	0.02	*0.00*
Estonia	11	**0.2**	*0.08*	0.04	*0.01*	8	**0.2**	*0.09*	0.01	*0.01*
Finland	53	**0.3**	*0.04*	0.03	*0.01*	26	**0.1**	*0.03*	0.01	*0.00*
France, Bas-Rhin	16	**0.5**	*0.12*	0.06	*0.01*	6	**0.2**	*0.08*	0.02	*0.01*
France, Calvados	9	**0.4**	*0.15*	0.06	*0.02*	5	**0.2**	*0.10*	0.03	*0.01*
France, Doubs	8	**0.6**	*0.20*	0.06	*0.02*	6	**0.4**	*0.16*	0.03	*0.01*
France, Haut-Rhin	23	**1.0**	*0.21*	0.10	*0.02*	4	**0.1**	*0.07*	0.02	*0.01*
France, Herault	22	**0.7**	*0.15*	0.07	*0.02*	7	**0.1**	*0.06*	0.02	*0.01*
France, Isere	18	**0.5**	*0.12*	0.05	*0.01*	9	**0.2**	*0.08*	0.03	*0.01*
France, Loire-Atlantique	20	**0.6**	*0.13*	0.06	*0.01*	8	**0.2**	*0.08*	0.01	*0.01*
France, Manche	5	**0.3**	*0.14*	0.02	*0.01*	1	**0.0**	*0.04*	0.01	*0.01*
France, Somme	8	**0.5**	*0.16*	0.05	*0.02*	1	**0.1**	*0.06*	0.01	*0.01*
France, Tarn	11	**0.9**	*0.29*	0.10	*0.03*	5	**0.3**	*0.17*	0.03	*0.02*
France, Vendee	9	**0.5**	*0.16*	0.05	*0.02*	0	**-**	-	-	-
Germany, Brandenburg	41	**0.5**	*0.07*	0.05	*0.01*	13	**0.1**	*0.03*	0.01	*0.00*
Germany, Free State of Saxony	65	**0.4**	*0.05*	0.04	*0.01*	29	**0.1**	*0.03*	0.02	*0.00*
Germany, Hamburg	40	**0.7**	*0.13*	0.07	*0.01*	20	**0.2**	*0.06*	0.03	*0.01*
Germany, Mecklenburg-Western Pomerania	36	**0.6**	*0.10*	0.06	*0.01*	13	**0.2**	*0.06*	0.02	*0.01*
Germany, Munich	37	**0.4**	*0.07*	0.05	*0.01*	9	**0.1**	*0.03*	0.01	*0.00*
Germany, Northrhine-Westphalia: Munster	31	**0.3**	*0.06*	0.04	*0.01*	17	**0.2**	*0.05*	0.02	*0.00*
Germany, Saarland	14	**0.3**	*0.09*	0.03	*0.01*	7	**0.2**	*0.08*	0.02	*0.01*
Iceland	4	**0.5**	*0.27*	0.06	*0.03*	6	**0.7**	*0.33*	0.08	*0.04*
Ireland	51	**0.5**	*0.07*	0.05	*0.01*	13	**0.1**	*0.03*	0.00	*0.00*
Italy, Biella Province	13	**1.7**	*0.51*	0.18	*0.05*	3	**0.4**	*0.25*	0.03	*0.02*
Italy, Brescia Province	11	**0.5**	*0.15*	0.07	*0.02*	9	**0.4**	*0.13*	0.05	*0.02*
Italy, Ferrara Province	12	**0.8**	*0.24*	0.10	*0.03*	3	**0.1**	*0.07*	0.01	*0.01*
Italy, Florence and Prato	36	**0.9**	*0.15*	0.09	*0.02*	16	**0.3**	*0.08*	0.03	*0.01*
Italy, Genoa Province	19	**0.7**	*0.18*	0.08	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*
Italy, Macerata Province	3	**0.3**	*0.20*	0.06	*0.03*	0	**-**	-	-	-
Italy, Milan	35	**1.0**	*0.19*	0.10	*0.02*	16	**0.3**	*0.10*	0.04	*0.01*
Italy, Modena Province	11	**0.5**	*0.14*	0.05	*0.02*	5	**0.2**	*0.11*	0.02	*0.01*
Italy, Naples	17	**1.1**	*0.26*	0.11	*0.03*	1	**0.1**	*0.06*	0.01	*0.01*
Italy, North East Cancer Surveillance Network	62	**0.8**	*0.10*	0.08	*0.01*	20	**0.2**	*0.05*	0.02	*0.01*
Italy, Parma Province	9	**0.5**	*0.19*	0.05	*0.02*	2	**0.1**	*0.08*	0.01	*0.01*
Italy, Ragusa Province	7	**0.9**	*0.33*	0.08	*0.03*	4	**0.4**	*0.18*	0.05	*0.02*
Italy, Reggio Emilia Province	15	**0.9**	*0.25*	0.11	*0.03*	7	**0.3**	*0.14*	0.04	*0.02*
Italy, Romagna Region	35	**0.8**	*0.15*	0.09	*0.02*	10	**0.3**	*0.09*	0.03	*0.01*
Italy, Salerno Province	22	**0.8**	*0.17*	0.09	*0.02*	6	**0.2**	*0.09*	0.02	*0.01*
Italy, Sassari Province	3	**0.2**	*0.10*	0.01	*0.01*	6	**0.3**	*0.13*	0.03	*0.01*
Italy, Syracuse Province	9	**0.8**	*0.26*	0.10	*0.04*	2	**0.2**	*0.17*	0.02	*0.01*
Italy, Sondrio	7	**1.1**	*0.43*	0.14	*0.06*	5	**0.7**	*0.33*	0.10	*0.04*
Italy, Torino	25	**0.7**	*0.15*	0.08	*0.02*	3	**0.1**	*0.06*	0.01	*0.00*
Italy, Umbria Region	16	**0.4**	*0.11*	0.05	*0.01*	12	**0.3**	*0.10*	0.03	*0.01*
Italy, Varese Province	21	**1.2**	*0.28*	0.14	*0.03*	8	**0.4**	*0.16*	0.04	*0.02*
Italy, Veneto Region	33	**0.5**	*0.10*	0.06	*0.01*	13	**0.3**	*0.11*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nasopharynx (C11) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	31	**0.4**	*0.08*	0.05	*0.01*	21	**0.2**	*0.05*	0.02	*0.00*
Lithuania	46	**0.5**	*0.07*	0.05	*0.01*	25	**0.2**	*0.04*	0.02	*0.00*
Malta	27	**2.2**	*0.42*	0.25	*0.05*	14	**1.1**	*0.30*	0.13	*0.03*
Norway	54	**0.4**	*0.05*	0.04	*0.01*	17	**0.1**	*0.03*	0.01	*0.00*
Poland, Cracow	9	**0.4**	*0.13*	0.05	*0.02*	4	**0.1**	*0.05*	0.01	*0.01**
Poland, Kielce	18	**0.5**	*0.11*	0.06	*0.01*	9	**0.2**	*0.07*	0.02	*0.01*
Poland, Warsaw City	32	**0.6**	*0.11*	0.07	*0.01*	12	**0.2**	*0.06*	0.02	*0.01*
Portugal, Porto	84	**0.9**	*0.10*	0.09	*0.01*	28	**0.2**	*0.05*	0.02	*0.01**
Portugal, South Regional	100	**1.2**	*0.12*	0.13	*0.01*	40	**0.4**	*0.07*	0.04	*0.01*
Russia, St Petersburg	55	**0.4**	*0.05*	0.05	*0.01*	34	**0.1**	*0.03*	0.02	*0.00*
Serbia	132	**0.8**	*0.08*	0.09	*0.01*	53	**0.3**	*0.04*	0.03	*0.00*
Slovak Republic	94	**0.6**	*0.07*	0.07	*0.01*	43	**0.2**	*0.04*	0.03	*0.00*
Slovenia	29	**0.4**	*0.08*	0.05	*0.01*	20	**0.3**	*0.07*	0.03	*0.01*
Spain, Albacete	12	**1.3**	*0.39*	0.12	*0.04*	1	**0.1**	*0.14*	0.01	*0.01*
Spain, Asturias	53	**1.5**	*0.22*	0.15	*0.02*	12	**0.3**	*0.10*	0.03	*0.01*
Spain, Basque Country	77	**1.3**	*0.15*	0.15	*0.02*	22	**0.3**	*0.07*	0.03	*0.01*
Spain, Canary Islands	34	**0.8**	*0.13*	0.08	*0.02*	12	**0.3**	*0.08*	0.03	*0.01*
Spain, Cuenca	8	**0.7**	*0.30*	0.07	*0.04*	1	**0.2**	*0.25*	0.02	*0.02*
Spain, Girona	20	**1.2**	*0.27*	0.12	*0.03*	3	**0.1**	*0.08*	0.02	*0.01*
Spain, Granada	27	**1.0**	*0.20*	0.11	*0.02*	6	**0.3**	*0.16*	0.02	*0.01*
Spain, Murcia	31	**0.9**	*0.16*	0.09	*0.02*	8	**0.2**	*0.08*	0.02	*0.01*
Spain, Navarra	11	**0.5**	*0.16*	0.05	*0.02*	4	**0.1**	*0.07*	0.01	*0.01*
Spain, Tarragona	17	**1.0**	*0.25*	0.12	*0.03*	6	**0.3**	*0.15*	0.04	*0.02*
Spain, Zaragoza	23	**0.8**	*0.18*	0.08	*0.02*	4	**0.1**	*0.05*	0.01	*0.01*
Sweden	128	**0.4**	*0.04*	0.04	*0.00*	48	**0.2**	*0.03*	0.01	*0.00*
Switzerland, Geneva	5	**0.4**	*0.16*	0.04	*0.02*	1	**0.1**	*0.07*	0.01	*0.01*
Switzerland, Graubunden and Glarus	1	**0.1**	*0.12*	0.01	*0.01*	1	**0.2**	*0.16*	0.01	*0.01*
Switzerland, Neuchatel	1	**0.2**	*0.18*	0.03	*0.03*	0	**-**	-	-	-
Switzerland, St Gall-Appenzell	15	**0.9**	*0.24*	0.07	*0.02*	2	**0.1**	*0.08*	0.01	*0.01*
Switzerland, Ticino	6	**0.5**	*0.21*	0.07	*0.03*	3	**0.3**	*0.16*	0.03	*0.02*
Switzerland, Valais	10	**1.2**	*0.38*	0.10	*0.03*	2	**0.3**	*0.25*	0.02	*0.02*
Switzerland, Vaud	8	**0.3**	*0.12*	0.03	*0.01*	6	**0.3**	*0.12*	0.03	*0.01*
The Netherlands	240	**0.5**	*0.03*	0.05	*0.00*	104	**0.2**	*0.02*	0.02	*0.00*
The Netherlands, Eindhoven	15	**0.4**	*0.12*	0.04	*0.01*	2	**0.1**	*0.04*	0.01	*0.01*
The Netherlands, Maastricht	10	**0.3**	*0.11*	0.03	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
UK, East of England Region	36	**0.4**	*0.07*	0.04	*0.01*	13	**0.1**	*0.03*	0.01	*0.00*
UK, England, Merseyside and Cheshire	23	**0.3**	*0.06*	0.03	*0.01*	20	**0.3**	*0.06*	0.02	*0.01*
UK, England, North Western	45	**0.3**	*0.05*	0.03	*0.01*	31	**0.2**	*0.04*	0.02	*0.00*
UK, England, Northern and Yorkshire	65	**0.3**	*0.04*	0.03	*0.00*	30	**0.1**	*0.03*	0.01	*0.00*
UK, England, Oxford Region	26	**0.3**	*0.07*	0.04	*0.01*	18	**0.2**	*0.05*	0.02	*0.01*
UK, England, South and Western Regions	96	**0.4**	*0.05*	0.04	*0.00*	58	**0.2**	*0.03*	0.02	*0.00*
UK, England, Thames	202	**0.5**	*0.03*	0.05	*0.00*	84	**0.2**	*0.02*	0.02	*0.00*
UK, England, Trent	62	**0.4**	*0.05*	0.04	*0.01*	23	**0.1**	*0.03*	0.02	*0.00*
UK, England, West Midlands	69	**0.4**	*0.05*	0.04	*0.01*	30	**0.2**	*0.03*	0.02	*0.00*
UK, Northern Ireland	20	**0.4**	*0.09*	0.04	*0.01*	7	**0.1**	*0.04*	0.02	*0.01*
UK, Scotland	52	**0.3**	*0.05*	0.03	*0.00*	33	**0.2**	*0.03*	0.02	*0.00*
Oceania										
Australia, New South Wales	178	**0.9**	*0.07*	0.09	*0.01*	75	**0.4**	*0.04*	0.04	*0.00*
Australia, Northern Territory	5	**1.6**	*0.75*	0.12	*0.08*	1	**0.2**	*0.25*	0.03	*0.03*
Australia, Queensland	49	**0.5**	*0.07*	0.05	*0.01*	16	**0.1**	*0.03*	0.02	*0.00*
Australia, South	19	**0.4**	*0.09*	0.04	*0.01*	7	**0.1**	*0.04*	0.02	*0.01*
Australia, Tasmania	6	**0.4**	*0.17*	0.05	*0.02*	4	**0.2**	*0.09*	0.01	*0.01*
Australia, Victoria	128	**0.9**	*0.08*	0.10	*0.01*	47	**0.3**	*0.05*	0.03	*0.01*
Australia, Western	31	**0.6**	*0.10*	0.06	*0.01*	8	**0.1**	*0.05*	0.01	*0.01*
Australian Capital Territory	2	**0.3**	*0.21*	0.02	*0.01*	1	**0.1**	*0.10*	0.01	*0.01*
French Polynesia	14	**2.6**	*0.72*	0.29	*0.09*	4	**0.9**	*0.48*	0.12	*0.06*
New Zealand	73	**0.6**	*0.07*	0.07	*0.01*	32	**0.3**	*0.05*	0.02	*0.00*
USA, Hawaii	76	**2.0**	*0.24*	0.23	*0.03*	18	**0.4**	*0.11*	0.05	*0.01*
USA, Hawaii: Chinese	26	**9.9**	*1.98*	1.08	*0.22*	4	**1.1**	*0.60*	0.09	*0.05*
USA, Hawaii: Filipino	20	**3.3**	*0.77*	0.42	*0.11*	8	**1.3**	*0.45*	0.12	*0.05*
USA, Hawaii: Hawaiian	10	**2.0**	*0.65*	0.21	*0.08*	1	**0.2**	*0.24*	0.03	*0.03*
USA, Hawaii: Japanese	7	**0.6**	*0.26*	0.06	*0.03*	3	**0.2**	*0.15*	0.02	*0.02*
USA, Hawaii: White	9	**0.8**	*0.28*	0.08	*0.03*	0	**-**	-	-	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hypopharynx (C12-13)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	82	**4.4**	*0.49*	-	-	9	**0.5**	*0.16*	-	- *
Egypt, Gharbiah	56	**1.3**	*0.18*	-	-	56	**1.0**	*0.14*	-	-
Tunisia, Centre, Sousse	1	**0.1**	*0.10*	-	-	1	**0.1**	*0.11*	-	- *
Uganda, Kyadondo County	2	**0.3**	*0.21*	-	-	0	**-**	-	-	- *
Zimbabwe, Harare: African	2	**0.1**	*0.13*	-	-	1	**0.1**	*0.15*	-	- *
America, Central and South										
Argentina, Bahia Blanca	6	**0.6**	*0.27*	0.09	*0.05*	0	**-**	-	-	-
Brazil, Brasilia	36	**1.5**	*0.27*	0.19	*0.04*	1	**0.0**	*0.03*	0.00	*0.00*
Brazil, Cuiaba	8	**1.4**	*0.52*	0.25	*0.10*	0	**-**	-	-	-
Brazil, Goiania	45	**3.1**	*0.47*	0.38	*0.07*	5	**0.3**	*0.13*	0.03	*0.01*
Brazil, Sao Paulo	420	**2.1**	*0.11*	0.27	*0.02*	54	**0.2**	*0.03*	0.02	*0.00*
Chile, Valdivia	2	**0.3**	*0.18*	0.03	*0.02*	0	**-**	-	-	-
Colombia, Cali	10	**0.3**	*0.09*	0.03	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
Costa Rica	42	**0.5**	*0.09*	0.06	*0.01*	6	**0.1**	*0.03*	0.01	*0.00*
Ecuador, Quito	1	**0.0**	*0.02*	-	-	1	**0.0**	*0.03*	0.00	*0.00*
France, La Martinique	30	**2.7**	*0.51*	0.33	*0.07*	4	**0.2**	*0.12*	0.02	*0.01*
Peru, Trujillo	0	**-**	-	-	-	0	**-**	-	-	- *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	643	**0.8**	*0.03*	0.11	*0.01*	126	**0.2**	*0.01*	0.02	*0.00*
Canada, Alberta	76	**0.9**	*0.10*	0.12	*0.02*	11	**0.1**	*0.04*	0.02	*0.01*
Canada, British Columbia	104	**0.7**	*0.07*	0.08	*0.01*	25	**0.2**	*0.03*	0.02	*0.00*
Canada, Manitoba	32	**0.8**	*0.15*	0.13	*0.03*	8	**0.2**	*0.08*	0.02	*0.01*
Canada, New Brunswick	33	**1.2**	*0.22*	0.15	*0.03*	3	**0.1**	*0.08*	0.01	*0.01*
Canada, Newfoundland and Labrador	11	**0.7**	*0.20*	0.09	*0.03*	0	**-**	-	-	-
Canada, Northwest Territories	0	**-**	-	-	-	0	**-**	-	-	-
Canada, Nova Scotia	30	**0.9**	*0.17*	0.12	*0.03*	7	**0.2**	*0.07*	0.02	*0.01*
Canada, Ontario	328	**0.9**	*0.05*	0.12	*0.01*	67	**0.2**	*0.02*	0.02	*0.00*
Canada, Prince Edward Island	6	**1.3**	*0.55*	0.18	*0.08*	1	**0.2**	*0.22*	0.04	*0.04*
Canada, Saskatchewan	23	**0.6**	*0.13*	0.10	*0.02*	4	**0.1**	*0.07*	0.02	*0.01*
USA, Alabama	185	**1.3**	*0.10*	0.17	*0.01*	30	**0.2**	*0.03*	0.02	*0.00*
USA, Alabama: Black	47	**1.9**	*0.28*	0.25	*0.04*	8	**0.2**	*0.09*	0.03	*0.01*
USA, Alabama: White	138	**1.2**	*0.10*	0.15	*0.01*	22	**0.2**	*0.04*	0.02	*0.00*
USA, Alaska	11	**0.8**	*0.25*	0.13	*0.04*	1	**0.1**	*0.06*	0.01	*0.01*
USA, Arizona	141	**0.8**	*0.07*	0.11	*0.01*	35	**0.2**	*0.03*	0.02	*0.00*
USA, California	827	**0.8**	*0.03*	0.11	*0.00*	274	**0.2**	*0.02*	0.03	*0.00*
USA, California: Asian and Pacific Islander	52	**0.5**	*0.07*	0.06	*0.01*	12	**0.1**	*0.03*	0.01	*0.00*
USA, California: Black	74	**1.3**	*0.16*	0.16	*0.02*	19	**0.3**	*0.07*	0.03	*0.01*
USA, California: Hispanic White	116	**0.8**	*0.07*	0.09	*0.01*	14	**0.1**	*0.02*	0.01	*0.00*
USA, California: Non-Hispanic White	578	**0.9**	*0.04*	0.12	*0.01*	229	**0.3**	*0.02*	0.04	*0.00*
USA, California, Greater San Francisco Bay Area	162	**0.8**	*0.07*	0.11	*0.01*	64	**0.3**	*0.04*	0.04	*0.01*
USA, California, Greater San Francisco Bay Area: Black	17	**1.3**	*0.33*	0.16	*0.05*	6	**0.4**	*0.18*	0.06	*0.03*
USA, California, Greater San Francisco Bay Area: Chinese	8	**0.4**	*0.16*	0.06	*0.03*	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Filipino	3	**0.4**	*0.23*	0.07	*0.04*	1	**0.1**	*0.10*	0.02	*0.02*
USA, California, Greater San Francisco Bay Area: Japanese	0	**-**	-	-	-	2	**0.4**	*0.30*	0.02	*0.02*
USA, California, Greater San Francisco Bay Area: Hispanic White	12	**0.7**	*0.19*	0.09	*0.03*	5	**0.2**	*0.10*	0.02	*0.01*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	115	**0.9**	*0.09*	0.13	*0.01*	48	**0.3**	*0.05*	0.05	*0.01*
USA, California, Los Angeles County	213	**0.8**	*0.06*	0.11	*0.01*	64	**0.2**	*0.03*	0.02	*0.00*
USA, California, Los Angeles County: Black	34	**1.4**	*0.24*	0.16	*0.03*	9	**0.3**	*0.10*	0.03	*0.01*
USA, California, Los Angeles County: Chinese	5	**0.5**	*0.24*	0.08	*0.04*	1	**0.1**	*0.05*	-	-
USA, California, Los Angeles County: Filipino	2	**0.2**	*0.16*	0.02	*0.02*	0	**-**	-	-	-
USA, California, Los Angeles County: Japanese	3	**0.6**	*0.38*	0.11	*0.06*	4	**0.8**	*0.43*	0.08	*0.05*
USA, California, Los Angeles County: Korean	5	**0.9**	*0.41*	0.09	*0.05*	0	**-**	-	-	-
USA, California, Los Angeles County: Hispanic White	48	**0.8**	*0.12*	0.10	*0.02*	2	**0.0**	*0.01*	-	-
USA, California, Los Angeles County: Non-Hispanic White	111	**0.8**	*0.08*	0.11	*0.01*	48	**0.3**	*0.05*	0.04	*0.01*
USA, Colorado	77	**0.6**	*0.07*	0.08	*0.01*	13	**0.1**	*0.03*	0.01	*0.00*
USA, Connecticut	142	**1.2**	*0.11*	0.16	*0.02*	41	**0.3**	*0.05*	0.04	*0.01*
USA, Connecticut: Black	15	**2.2**	*0.58*	0.33	*0.10*	3	**0.3**	*0.16*	0.02	*0.02*
USA, Connecticut: White	126	**1.2**	*0.11*	0.16	*0.02*	38	**0.3**	*0.05*	0.04	*0.01*
USA, District of Columbia	52	**3.3**	*0.46*	0.47	*0.07*	14	**0.6**	*0.18*	0.09	*0.03*
USA, District of Columbia: Black	43	**4.3**	*0.67*	0.58	*0.10*	9	**0.6**	*0.22*	0.09	*0.03*
USA, District of Columbia: White	9	**1.7**	*0.59*	0.31	*0.11*	4	**0.5**	*0.25*	0.06	*0.05*
USA, Florida	738	**1.2**	*0.05*	0.16	*0.01*	212	**0.3**	*0.02*	0.04	*0.00*
USA, Florida: Black	103	**2.1**	*0.20*	0.29	*0.03*	17	**0.3**	*0.06*	0.03	*0.01*
USA, Florida: White	631	**1.1**	*0.05*	0.15	*0.01*	193	**0.3**	*0.02*	0.04	*0.00*
USA, Georgia	287	**1.3**	*0.08*	0.17	*0.01*	69	**0.3**	*0.03*	0.03	*0.00*
USA, Georgia: Black	101	**2.3**	*0.24*	0.31	*0.04*	14	**0.2**	*0.06*	0.03	*0.01*
USA, Georgia: White	184	**1.1**	*0.08*	0.14	*0.01*	55	**0.3**	*0.04*	0.03	*0.01*
USA, Georgia, Atlanta	66	**1.0**	*0.12*	0.13	*0.02*	17	**0.2**	*0.05*	0.03	*0.01*
USA, Georgia, Atlanta: Black	27	**1.5**	*0.30*	0.16	*0.05*	2	**0.1**	*0.05*	0.01	*0.00*
USA, Georgia, Atlanta: White	37	**0.8**	*0.14*	0.11	*0.02*	15	**0.3**	*0.08*	0.04	*0.01*
USA, Idaho	27	**0.7**	*0.14*	0.09	*0.02*	13	**0.3**	*0.09*	0.03	*0.01*
USA, Illinois	421	**1.1**	*0.06*	0.15	*0.01*	100	**0.2**	*0.02*	0.03	*0.00*
USA, Illinois: Black	97	**2.3**	*0.24*	0.29	*0.03*	19	**0.3**	*0.08*	0.04	*0.01*
USA, Illinois: White	315	**1.0**	*0.06*	0.13	*0.01*	79	**0.2**	*0.03*	0.03	*0.00*
USA, Indiana	193	**1.0**	*0.07*	0.12	*0.01*	49	**0.2**	*0.03*	0.02	*0.00*
USA, Iowa	90	**0.9**	*0.10*	0.12	*0.01*	27	**0.2**	*0.05*	0.03	*0.01*
USA, Kentucky	138	**1.1**	*0.09*	0.13	*0.01*	35	**0.2**	*0.04*	0.03	*0.01*
USA, Louisiana	156	**1.2**	*0.10*	0.15	*0.01*	43	**0.3**	*0.04*	0.03	*0.01*
USA, Louisiana: Black	47	**1.6**	*0.23*	0.21	*0.04*	13	**0.3**	*0.10*	0.04	*0.01*
USA, Louisiana: White	108	**1.1**	*0.11*	0.14	*0.02*	30	**0.3**	*0.05*	0.03	*0.01*
USA, Louisiana, New Orleans: Black	15	**1.7**	*0.44*	0.22	*0.07*	6	**0.5**	*0.22*	0.07	*0.03*
USA, Louisiana, New Orleans: White	24	**1.1**	*0.24*	0.14	*0.04*	7	**0.3**	*0.12*	0.04	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hypopharynx (C12-13) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	45	**1.0**	*0.15*	0.13	*0.02*	14	**0.3**	*0.08*	0.04	*0.01*
USA, Massachusetts	270	**1.3**	*0.08*	0.17	*0.01*	86	**0.3**	*0.04*	0.05	*0.01*
USA, Michigan	355	**1.1**	*0.06*	0.15	*0.01*	75	**0.2**	*0.02*	0.02	*0.00*
USA, Michigan: Black	88	**2.8**	*0.31*	0.34	*0.04*	19	**0.5**	*0.11*	0.05	*0.01*
USA, Michigan: White	260	**0.9**	*0.06*	0.12	*0.01*	55	**0.2**	*0.02*	0.02	*0.00*
USA, Michigan, Detroit	167	**1.4**	*0.11*	0.18	*0.02*	33	**0.2**	*0.04*	0.03	*0.01*
USA, Michigan, Detroit: Black	68	**3.0**	*0.37*	0.37	*0.05*	15	**0.5**	*0.13*	0.06	*0.02*
USA, Michigan, Detroit: White	97	**1.0**	*0.10*	0.13	*0.02*	18	**0.1**	*0.04*	0.02	*0.01*
USA, Missouri	157	**0.9**	*0.07*	0.11	*0.01*	45	**0.2**	*0.03*	0.02	*0.00*
USA, Missouri: Black	31	**2.3**	*0.42*	0.29	*0.06*	5	**0.3**	*0.13*	0.03	*0.01*
USA, Missouri: White	125	**0.8**	*0.07*	0.09	*0.01*	40	**0.2**	*0.03*	0.02	*0.00*
USA, Montana	20	**0.6**	*0.15*	0.08	*0.02*	8	**0.2**	*0.09*	0.03	*0.01*
USA, NPCR	7101	**1.0**	*0.01*	0.13	*0.00*	2002	**0.2**	*0.01*	0.03	*0.00*
USA, NPCR: Black	1170	**2.0**	*0.06*	0.26	*0.01*	260	**0.3**	*0.02*	0.04	*0.00*
USA, NPCR: White	5763	**0.9**	*0.01*	0.12	*0.00*	1702	**0.2**	*0.01*	0.03	*0.00*
USA, New Jersey	270	**1.0**	*0.06*	0.14	*0.01*	74	**0.2**	*0.03*	0.02	*0.00*
USA, New Jersey: Black	58	**2.1**	*0.27*	0.27	*0.04*	9	**0.2**	*0.08*	0.03	*0.01*
USA, New Jersey: White	202	**0.9**	*0.06*	0.13	*0.01*	63	**0.2**	*0.03*	0.02	*0.00*
USA, New Mexico	31	**0.5**	*0.09*	0.06	*0.01*	9	**0.1**	*0.05*	0.02	*0.01*
USA, New Mexico: American Indian	1	**0.4**	*0.38*	0.06	*0.06*	1	**0.2**	*0.23*	0.02	*0.02*
USA, New Mexico: Hispanic White	14	**0.7**	*0.19*	0.07	*0.03*	3	**0.1**	*0.08*	0.02	*0.01*
USA, New Mexico: Non-Hispanic White	15	**0.4**	*0.11*	0.05	*0.01*	5	**0.1**	*0.06*	0.01	*0.01*
USA, New York State	532	**0.9**	*0.04*	0.11	*0.01*	171	**0.2**	*0.02*	0.03	*0.00*
USA, New York State: Black	91	**1.4**	*0.15*	0.17	*0.02*	33	**0.3**	*0.06*	0.04	*0.01*
USA, New York State: White	429	**0.9**	*0.04*	0.11	*0.01*	137	**0.2**	*0.02*	0.03	*0.00*
USA, Ohio	339	**0.9**	*0.05*	0.12	*0.01*	92	**0.2**	*0.02*	0.03	*0.00*
USA, Ohio: Black	46	**1.5**	*0.23*	0.19	*0.03*	9	**0.2**	*0.07*	0.02	*0.01*
USA, Ohio: White	284	**0.9**	*0.05*	0.11	*0.01*	82	**0.2**	*0.03*	0.03	*0.00*
USA, Oklahoma	94	**0.8**	*0.09*	0.11	*0.01*	14	**0.1**	*0.03*	0.02	*0.00*
USA, Oregon	84	**0.8**	*0.09*	0.11	*0.01*	34	**0.2**	*0.05*	0.04	*0.01*
USA, Pennsylvania	433	**1.0**	*0.05*	0.12	*0.01*	124	**0.2**	*0.02*	0.03	*0.00*
USA, Pennsylvania: Black	80	**2.8**	*0.32*	0.37	*0.05*	12	**0.3**	*0.09*	0.03	*0.01*
USA, Pennsylvania: White	345	**0.8**	*0.05*	0.10	*0.01*	111	**0.2**	*0.02*	0.03	*0.00*
USA, Rhode Island	46	**1.3**	*0.21*	0.18	*0.03*	11	**0.3**	*0.09*	0.04	*0.01*
USA, SEER (9 Registries)	788	**1.0**	*0.04*	0.13	*0.01*	232	**0.2**	*0.02*	0.03	*0.00*
USA, SEER (9 Registries): Black	130	**1.9**	*0.18*	0.25	*0.03*	28	**0.3**	*0.06*	0.04	*0.01*
USA, SEER (9 Registries): White	583	**0.9**	*0.04*	0.12	*0.01*	195	**0.2**	*0.02*	0.03	*0.00*
USA, SEER (14 Registries)	2080	**0.9**	*0.02*	0.12	*0.00*	618	**0.2**	*0.01*	0.03	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	118	**0.7**	*0.06*	0.08	*0.01*	16	**0.1**	*0.02*	0.01	*0.00*
USA, SEER (14 Registries): Black	317	**1.8**	*0.10*	0.23	*0.02*	68	**0.3**	*0.04*	0.04	*0.00*
USA, SEER (14 Registries): Hispanic White	162	**0.8**	*0.06*	0.10	*0.01*	23	**0.1**	*0.02*	0.01	*0.00*
USA, SEER (14 Registries): Non-Hispanic White	1467	**0.9**	*0.02*	0.12	*0.00*	506	**0.3**	*0.01*	0.03	*0.00*
USA, South Carolina	179	**1.4**	*0.11*	0.19	*0.02*	47	**0.3**	*0.05*	0.04	*0.01*
USA, South Carolina: Black	81	**3.1**	*0.35*	0.41	*0.05*	16	**0.5**	*0.12*	0.06	*0.02*
USA, South Carolina: White	97	**1.0**	*0.10*	0.12	*0.01*	31	**0.3**	*0.05*	0.03	*0.01*
USA, Texas	553	**1.0**	*0.04*	0.13	*0.01*	161	**0.2**	*0.02*	0.03	*0.00*
USA, Texas: Black	73	**1.5**	*0.18*	0.18	*0.03*	25	**0.4**	*0.08*	0.05	*0.01*
USA, Texas: White	474	**1.0**	*0.04*	0.12	*0.01*	134	**0.2**	*0.02*	0.03	*0.00*
USA, Utah	29	**0.6**	*0.12*	0.07	*0.02*	9	**0.1**	*0.05*	0.02	*0.01*
USA, Vermont	22	**1.0**	*0.22*	0.12	*0.03*	3	**0.1**	*0.08*	0.02	*0.01*
USA, Washington State	136	**0.7**	*0.07*	0.10	*0.01*	55	**0.3**	*0.04*	0.03	*0.01*
USA, Washington, Seattle	96	**0.8**	*0.08*	0.11	*0.01*	43	**0.3**	*0.05*	0.04	*0.01*
USA, West Virginia	64	**0.9**	*0.12*	0.12	*0.02*	13	**0.1**	*0.04*	0.02	*0.01*
USA, Wisconsin	210	**1.3**	*0.09*	0.17	*0.01*	62	**0.3**	*0.05*	0.05	*0.01*
Asia										
Bahrain: Bahraini	3	**0.6**	*0.33*	0.04	*0.04*	2	**0.4**	*0.27*	0.04	*0.03*
China, Guangzhou City	77	**1.3**	*0.15*	0.16	*0.02*	6	**0.1**	*0.04*	0.01	*0.01**
China, Hong Kong	310	**1.4**	*0.08*	0.17	*0.01*	30	**0.1**	*0.03*	0.01	*0.00*
China, Jiashan	6	**0.5**	*0.19*	0.05	*0.03*	4	**0.2**	*0.13*	0.02	*0.01**
China, Nangang District, Harbin City	6	**0.2**	*0.10*	0.04	*0.02*	1	**0.0**	*0.03*	0.00	*0.00*
China, Shanghai	42	**0.2**	*0.03*	0.02	*0.00*	7	**0.0**	*0.01*	0.00	*0.00**
China, Zhongshan	28	**0.8**	*0.16*	0.11	*0.02*	0	**-**	-	-	- *
Cyprus	2	**0.1**	*0.07*	0.01	*0.01*	2	**0.1**	*0.07*	0.01	*0.01**
India, Chennai (Madras)	460	**5.1**	*0.24*	0.63	*0.03*	166	**1.8**	*0.14*	0.21	*0.02*
India, New Delhi	430	**2.3**	*0.12*	0.30	*0.02*	95	**0.5**	*0.06*	0.06	*0.01**
India, Karunagappally	23	**2.6**	*0.55*	0.28	*0.07*	3	**0.3**	*0.20*	0.04	*0.03*
India, Mumbai (Bombay)	840	**4.1**	*0.14*	0.54	*0.02*	183	**0.9**	*0.07*	0.10	*0.01*
India, Nagpur	119	**3.1**	*0.29*	0.38	*0.04*	41	**1.0**	*0.16*	0.12	*0.02**
India, Poona	151	**2.4**	*0.20*	0.30	*0.03*	65	**1.0**	*0.12*	0.12	*0.02**
India, Trivandrum	52	**2.0**	*0.28*	0.27	*0.04*	6	**0.2**	*0.08*	0.02	*0.01**
Israel	33	**0.2**	*0.04*	0.03	*0.01*	20	**0.1**	*0.03*	0.01	*0.00*
Israel: Jews	27	**0.2**	*0.04*	0.03	*0.01*	15	**0.1**	*0.03*	0.01	*0.00*
Israel: Non-Jews	4	**0.3**	*0.16*	0.04	*0.02*	4	**0.2**	*0.11*	0.01	*0.01*
Japan, Aichi Prefecture	36	**0.9**	*0.15*	0.12	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*
Japan, Fukui Prefecture	23	**0.6**	*0.12*	0.07	*0.02*	5	**0.1**	*0.03*	0.00	*0.00*
Japan, Hiroshima	67	**1.6**	*0.20*	0.23	*0.03*	14	**0.3**	*0.08*	0.04	*0.01*
Japan, Miyagi Prefecture	142	**1.4**	*0.12*	0.18	*0.02*	25	**0.2**	*0.04*	0.03	*0.01*
Japan, Nagasaki Prefecture	127	**1.9**	*0.18*	0.24	*0.02*	11	**0.2**	*0.05*	0.02	*0.01*
Japan, Osaka Prefecture	560	**1.5**	*0.06*	0.19	*0.01*	51	**0.1**	*0.02*	0.01	*0.00*
Japan, Yamagata Prefecture	71	**1.1**	*0.14*	0.14	*0.02*	23	**0.3**	*0.08*	0.04	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hypopharynx (C12-13) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	1061	**1.3**	*0.04*	0.16	*0.01*	77	**0.1**	*0.01*	0.01	*0.00*
Korea, Busan	81	**1.0**	*0.12*	0.13	*0.02*	9	**0.1**	*0.03*	0.01	*0.00*
Korea, Daegu	61	**1.2**	*0.16*	0.15	*0.02*	2	**0.0**	*0.02*	-	-
Korea, Daejeon	24	**1.0**	*0.20*	0.12	*0.03*	0	**-**	-	-	-
Korea, Gwangju	36	**1.5**	*0.26*	0.19	*0.04*	3	**0.1**	*0.04*	0.00	*0.00*
Korea, Incheon	52	**1.2**	*0.17*	0.15	*0.03*	1	**0.0**	*0.02*	0.00	*0.00*
Korea, Jejudo	7	**1.1**	*0.42*	0.17	*0.08*	0	**-**	-	-	-
Korea, Seoul	238	**1.2**	*0.09*	0.15	*0.01*	17	**0.1**	*0.02*	0.01	*0.00*
Korea, Ulsan	9	**0.7**	*0.26*	0.07	*0.03*	0	**-**	-	-	-
Kuwait: Kuwaitis	3	**0.3**	*0.19*	0.06	*0.04*	2	**0.2**	*0.18*	0.03	*0.03*
Kuwait: Non-Kuwaitis	13	**1.0**	*0.55*	0.03	*0.02*	2	**0.3**	*0.30*	0.08	*0.08*
Malaysia, Penang	22	**1.3**	*0.28*	0.14	*0.04*	8	**0.4**	*0.13*	0.05	*0.02*
Malaysia, Sarawak	23	**0.6**	*0.14*	0.07	*0.02*	10	**0.3**	*0.09*	0.03	*0.01*
Oman: Omani	5	**0.2**	*0.11*	0.02	*0.01*	6	**0.3**	*0.14*	0.04	*0.02**
Pakistan, South Karachi	108	**4.6**	*0.46*	0.58	*0.07*	34	**1.8**	*0.33*	0.20	*0.04**
Philippines, Manila	27	**0.4**	*0.09*	0.05	*0.01*	11	**0.1**	*0.04*	0.01	*0.00**
Singapore	78	**1.0**	*0.12*	0.12	*0.02*	12	**0.1**	*0.04*	0.02	*0.01*
Singapore: Chinese	62	**1.0**	*0.13*	0.13	*0.02*	7	**0.1**	*0.04*	0.01	*0.01*
Singapore: Indian	10	**1.4**	*0.47*	0.17	*0.06*	3	**0.6**	*0.35*	0.12	*0.07*
Singapore: Malay	6	**0.7**	*0.30*	0.10	*0.04*	2	**0.2**	*0.14*	0.04	*0.03*
Thailand, Chiang Mai	55	**1.4**	*0.19*	0.15	*0.03*	16	**0.4**	*0.10*	0.04	*0.01**
Thailand, Lampang	12	**0.5**	*0.16*	0.07	*0.02*	4	**0.2**	*0.09*	0.02	*0.01**
Thailand, Songkhla	73	**2.7**	*0.32*	0.35	*0.05*	14	**0.5**	*0.12*	0.05	*0.02*
Turkey, Antalya	1	**0.0**	*0.04*	-	-	2	**0.1**	*0.04*	0.01	*0.00**
Turkey, Izmir	48	**0.6**	*0.09*	0.07	*0.01*	22	**0.3**	*0.05*	0.03	*0.01**
Europe										
Austria	603	**2.3**	*0.09*	0.27	*0.01*	83	**0.3**	*0.03*	0.03	*0.00*
Austria, Tyrol	42	**2.0**	*0.31*	0.24	*0.04*	4	**0.2**	*0.08*	0.02	*0.01*
Austria, Vorarlberg	17	**1.6**	*0.38*	0.20	*0.05*	2	**0.1**	*0.10*	0.03	*0.02*
Belarus	798	**2.8**	*0.10*	0.34	*0.01*	9	**0.0**	*0.01*	0.00	*0.00**
Belgium, Antwerp	88	**1.5**	*0.16*	0.19	*0.02*	17	**0.3**	*0.07*	0.04	*0.01**
Belgium, Flanders	296	**1.7**	*0.10*	0.21	*0.01*	41	**0.2**	*0.04*	0.03	*0.00*
Bulgaria	307	**1.1**	*0.06*	0.12	*0.01*	39	**0.1**	*0.02*	0.01	*0.00**
Croatia	752	**4.8**	*0.18*	0.59	*0.02*	68	**0.3**	*0.04*	0.04	*0.01*
Czech Republic	567	**1.6**	*0.07*	0.19	*0.01*	60	**0.1**	*0.02*	0.01	*0.00*
Denmark	244	**1.3**	*0.08*	0.15	*0.01*	68	**0.3**	*0.04*	0.04	*0.01*
Estonia	78	**1.9**	*0.21*	0.22	*0.03*	1	**0.0**	*0.01*	0.00	*0.00*
Finland	96	**0.5**	*0.05*	0.06	*0.01*	21	**0.1**	*0.02*	0.01	*0.00*
France, Bas-Rhin	263	**8.0**	*0.50*	1.01	*0.07*	14	**0.4**	*0.12*	0.06	*0.01*
France, Calvados	198	**9.6**	*0.70*	1.19	*0.09*	10	**0.4**	*0.14*	0.05	*0.02*
France, Doubs	125	**7.3**	*0.66*	0.87	*0.09*	8	**0.4**	*0.14*	0.04	*0.02*
France, Haut-Rhin	111	**4.5**	*0.43*	0.56	*0.06*	5	**0.2**	*0.09*	0.03	*0.01*
France, Herault	132	**4.3**	*0.38*	0.49	*0.05*	15	**0.4**	*0.12*	0.05	*0.01*
France, Isere	174	**4.7**	*0.36*	0.56	*0.05*	16	**0.4**	*0.10*	0.04	*0.01*
France, Loire-Atlantique	229	**6.1**	*0.41*	0.75	*0.05*	10	**0.3**	*0.09*	0.03	*0.01*
France, Manche	177	**9.8**	*0.77*	1.20	*0.10*	6	**0.3**	*0.15*	0.03	*0.02*
France, Somme	182	**10.2**	*0.77*	1.24	*0.10*	7	**0.3**	*0.13*	0.03	*0.02*
France, Tarn	52	**3.9**	*0.57*	0.43	*0.07*	2	**0.1**	*0.10*	0.02	*0.01*
France, Vendee	101	**5.0**	*0.51*	0.55	*0.06*	5	**0.3**	*0.12*	0.03	*0.02*
Germany, Brandenburg	298	**3.1**	*0.18*	0.36	*0.02*	29	**0.3**	*0.05*	0.03	*0.01*
Germany, Free State of Saxony	385	**2.3**	*0.12*	0.26	*0.01*	44	**0.2**	*0.03*	0.03	*0.00*
Germany, Hamburg	156	**2.4**	*0.20*	0.29	*0.02*	19	**0.3**	*0.06*	0.03	*0.01*
Germany, Mecklenburg-Western Pomerania	217	**3.3**	*0.23*	0.39	*0.03*	17	**0.2**	*0.06*	0.03	*0.01*
Germany, Munich	279	**3.2**	*0.20*	0.38	*0.02*	31	**0.3**	*0.06*	0.03	*0.01*
Germany, Northrhine-Westphalia: Munster	235	**2.6**	*0.17*	0.30	*0.02*	33	**0.3**	*0.06*	0.04	*0.01*
Germany, Saarland	129	**3.2**	*0.28*	0.37	*0.03*	24	**0.6**	*0.13*	0.07	*0.01*
Iceland	5	**0.6**	*0.29*	0.10	*0.05*	1	**0.2**	*0.15*	0.01	*0.01*
Ireland	95	**0.8**	*0.09*	0.11	*0.01*	37	**0.3**	*0.05*	0.04	*0.01*
Italy, Biella Province	20	**2.5**	*0.59*	0.30	*0.07*	3	**0.2**	*0.10*	0.02	*0.02*
Italy, Brescia Province	73	**3.1**	*0.37*	0.41	*0.05*	12	**0.4**	*0.13*	0.06	*0.02*
Italy, Ferrara Province	16	**0.9**	*0.25*	0.12	*0.03*	2	**0.1**	*0.10*	0.02	*0.01*
Italy, Florence and Prato	35	**0.7**	*0.12*	0.08	*0.02*	7	**0.1**	*0.04*	0.01	*0.01*
Italy, Genoa Province	33	**1.3**	*0.23*	0.17	*0.03*	7	**0.3**	*0.11*	0.03	*0.01*
Italy, Macerata Province	1	**0.1**	*0.12*	0.02	*0.02*	0	**-**	-	-	-
Italy, Milan	48	**1.2**	*0.18*	0.15	*0.02*	11	**0.2**	*0.07*	0.02	*0.01*
Italy, Modena Province	20	**0.7**	*0.17*	0.11	*0.03*	9	**0.4**	*0.13*	0.04	*0.01*
Italy, Naples	10	**0.7**	*0.21*	0.09	*0.03*	1	**0.1**	*0.07*	0.01	*0.01*
Italy, North East Cancer Surveillance Network	303	**3.5**	*0.21*	0.44	*0.03*	22	**0.2**	*0.05*	0.02	*0.01*
Italy, Parma Province	24	**1.4**	*0.30*	0.19	*0.04*	1	**0.1**	*0.06*	0.01	*0.01*
Italy, Ragusa Province	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Reggio Emilia Province	9	**0.5**	*0.16*	0.06	*0.02*	2	**0.1**	*0.07*	0.01	*0.01*
Italy, Romagna Region	15	**0.4**	*0.10*	0.05	*0.01*	3	**0.0**	*0.01*	-	-
Italy, Salerno Province	15	**0.5**	*0.14*	0.06	*0.02*	2	**0.1**	*0.05*	0.01	*0.01*
Italy, Sassari Province	34	**2.0**	*0.35*	0.23	*0.04*	3	**0.2**	*0.10*	0.02	*0.01*
Italy, Syracuse Province	5	**0.3**	*0.16*	0.04	*0.02*	0	**-**	-	-	-
Italy, Sondrio	13	**2.0**	*0.56*	0.26	*0.08*	1	**0.2**	*0.15*	0.02	*0.02*
Italy, Torino	60	**1.6**	*0.22*	0.18	*0.03*	6	**0.1**	*0.06*	0.02	*0.01*
Italy, Umbria Region	28	**0.7**	*0.14*	0.08	*0.02*	1	**0.0**	*0.04*	0.00	*0.00*
Italy, Varese Province	42	**2.2**	*0.35*	0.30	*0.05*	3	**0.1**	*0.08*	0.01	*0.01*
Italy, Veneto Region	108	**1.8**	*0.17*	0.21	*0.02*	18	**0.2**	*0.06*	0.03	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hypopharynx (C12-13) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	183	**2.5**	*0.19*	0.30	*0.02*	9	**0.1**	*0.03*	0.01	*0.00*
Lithuania	304	**3.1**	*0.18*	0.37	*0.02*	13	**0.1**	*0.03*	0.01	*0.00*
Malta	7	**0.6**	*0.22*	0.08	*0.03*	3	**0.2**	*0.12*	0.03	*0.02*
Norway	116	**0.7**	*0.07*	0.09	*0.01*	30	**0.2**	*0.04*	0.02	*0.00*
Poland, Cracow	16	**0.7**	*0.18*	0.08	*0.02*	3	**0.1**	*0.05*	0.02	*0.01**
Poland, Kielce	22	**0.6**	*0.12*	0.07	*0.02*	1	**0.0**	*0.03*	0.00	*0.00*
Poland, Warsaw City	72	**1.2**	*0.15*	0.15	*0.02*	15	**0.2**	*0.05*	0.02	*0.01*
Portugal, Porto	139	**1.5**	*0.13*	0.17	*0.02*	4	**0.0**	*0.02*	0.00	*0.00**
Portugal, South Regional	197	**2.1**	*0.15*	0.25	*0.02*	11	**0.1**	*0.03*	0.01	*0.00*
Russia, St Petersburg	429	**3.1**	*0.15*	0.39	*0.02*	22	**0.1**	*0.02*	0.01	*0.00*
Serbia	295	**1.8**	*0.11*	0.21	*0.01*	65	**0.4**	*0.05*	0.04	*0.01*
Slovak Republic	746	**4.8**	*0.18*	0.54	*0.02*	22	**0.1**	*0.03*	0.01	*0.00*
Slovenia	233	**3.4**	*0.23*	0.43	*0.03*	17	**0.2**	*0.06*	0.02	*0.01*
Spain, Albacete	16	**1.6**	*0.43*	0.19	*0.05*	0	**-**	-	-	-
Spain, Asturias	195	**4.7**	*0.35*	0.57	*0.04*	2	**0.0**	*0.03*	0.01	*0.00*
Spain, Basque Country	269	**4.4**	*0.28*	0.51	*0.03*	8	**0.1**	*0.05*	0.01	*0.01*
Spain, Canary Islands	190	**4.4**	*0.33*	0.53	*0.04*	5	**0.1**	*0.05*	0.01	*0.01*
Spain, Cuenca	8	**1.1**	*0.43*	0.13	*0.05*	0	**-**	-	-	-
Spain, Girona	57	**3.0**	*0.41*	0.38	*0.05*	0	**-**	-	-	-
Spain, Granada	51	**2.0**	*0.29*	0.24	*0.04*	1	**0.0**	*0.02*	0.01	*0.01*
Spain, Murcia	62	**1.8**	*0.23*	0.22	*0.03*	6	**0.2**	*0.07*	0.01	*0.01*
Spain, Navarra	55	**2.7**	*0.37*	0.34	*0.05*	2	**0.1**	*0.08*	0.01	*0.01*
Spain, Tarragona	52	**3.1**	*0.45*	0.38	*0.05*	1	**0.0**	*0.02*	-	-
Spain, Zaragoza	45	**1.4**	*0.22*	0.16	*0.03*	0	**-**	-	-	-
Sweden	247	**0.6**	*0.04*	0.09	*0.01*	54	**0.1**	*0.02*	0.01	*0.00*
Switzerland, Geneva	50	**3.6**	*0.52*	0.47	*0.07*	7	**0.5**	*0.18*	0.05	*0.02*
Switzerland, Graubunden and Glarus	13	**1.8**	*0.49*	0.22	*0.06*	4	**0.4**	*0.22*	0.03	*0.02*
Switzerland, Neuchatel	23	**4.0**	*0.85*	0.44	*0.10*	6	**0.9**	*0.37*	0.10	*0.04*
Switzerland, St Gall-Appenzell	29	**1.7**	*0.31*	0.21	*0.04*	2	**0.1**	*0.06*	0.01	*0.01*
Switzerland, Ticino	28	**2.5**	*0.47*	0.32	*0.06*	5	**0.4**	*0.17*	0.05	*0.02*
Switzerland, Valais	31	**3.1**	*0.58*	0.37	*0.07*	7	**0.8**	*0.29*	0.09	*0.04*
Switzerland, Vaud	92	**4.2**	*0.45*	0.57	*0.07*	20	**0.9**	*0.20*	0.10	*0.02*
The Netherlands	662	**1.2**	*0.05*	0.15	*0.01*	188	**0.3**	*0.02*	0.03	*0.00*
The Netherlands, Eindhoven	38	**1.1**	*0.17*	0.11	*0.02*	10	**0.3**	*0.09*	0.03	*0.01*
The Netherlands, Maastricht	62	**1.8**	*0.23*	0.24	*0.03*	12	**0.3**	*0.10*	0.03	*0.01*
UK, East of England Region	62	**0.5**	*0.07*	0.07	*0.01*	29	**0.2**	*0.04*	0.03	*0.01*
UK, England, Merseyside and Cheshire	78	**0.8**	*0.10*	0.10	*0.01*	37	**0.3**	*0.06*	0.04	*0.01*
UK, England, North Western	134	**0.9**	*0.08*	0.12	*0.01*	54	**0.3**	*0.04*	0.04	*0.01*
UK, England, Northern and Yorkshire	223	**0.9**	*0.06*	0.11	*0.01*	77	**0.2**	*0.03*	0.03	*0.00*
UK, England, Oxford Region	47	**0.5**	*0.07*	0.06	*0.01*	17	**0.1**	*0.04*	0.02	*0.01*
UK, England, South and Western Regions	133	**0.5**	*0.04*	0.05	*0.01*	52	**0.1**	*0.02*	0.02	*0.00*
UK, England, Thames	333	**0.7**	*0.04*	0.09	*0.01*	128	**0.2**	*0.02*	0.03	*0.00*
UK, England, Trent	117	**0.6**	*0.06*	0.08	*0.01*	43	**0.2**	*0.03*	0.02	*0.00*
UK, England, West Midlands	166	**0.8**	*0.06*	0.10	*0.01*	78	**0.3**	*0.04*	0.04	*0.01*
UK, Northern Ireland	41	**0.7**	*0.11*	0.08	*0.02*	12	**0.2**	*0.05*	0.02	*0.01*
UK, Scotland	247	**1.3**	*0.08*	0.17	*0.01*	98	**0.4**	*0.05*	0.05	*0.01*
Oceania										
Australia, New South Wales	216	**0.9**	*0.07*	0.12	*0.01*	50	**0.2**	*0.03*	0.03	*0.00*
Australia, Northern Territory	16	**3.7**	*1.00*	0.57	*0.19*	1	**0.2**	*0.20*	0.02	*0.02*
Australia, Queensland	149	**1.2**	*0.10*	0.17	*0.02*	25	**0.2**	*0.04*	0.03	*0.01*
Australia, South	40	**0.7**	*0.12*	0.08	*0.02*	5	**0.1**	*0.04*	0.01	*0.01*
Australia, Tasmania	10	**0.5**	*0.18*	0.08	*0.03*	3	**0.2**	*0.09*	0.01	*0.01*
Australia, Victoria	161	**1.0**	*0.08*	0.13	*0.01*	37	**0.2**	*0.03*	0.03	*0.01*
Australia, Western	62	**1.0**	*0.13*	0.13	*0.02*	7	**0.1**	*0.05*	0.02	*0.01*
Australian Capital Territory	8	**0.9**	*0.32*	0.13	*0.05*	1	**0.1**	*0.10*	0.01	*0.01*
French Polynesia	6	**1.5**	*0.62*	0.26	*0.11*	0	**-**	-	-	-
New Zealand	80	**0.6**	*0.07*	0.09	*0.01*	15	**0.1**	*0.03*	0.01	*0.00*
USA, Hawaii	59	**1.4**	*0.20*	0.19	*0.03*	9	**0.2**	*0.06*	0.02	*0.01*
USA, Hawaii: Chinese	8	**2.1**	*0.80*	0.22	*0.10*	0	**-**	-	-	-
USA, Hawaii: Filipino	6	**0.9**	*0.39*	0.11	*0.06*	0	**-**	-	-	-
USA, Hawaii: Hawaiian	11	**2.2**	*0.68*	0.28	*0.10*	1	**0.2**	*0.18*	0.02	*0.02*
USA, Hawaii: Japanese	19	**1.7**	*0.43*	0.25	*0.06*	1	**0.0**	*0.04*	0.01	*0.01*
USA, Hawaii: White	13	**1.3**	*0.36*	0.19	*0.06*	7	**0.5**	*0.20*	0.04	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pharynx unspecified (C14)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	2	**0.1**	*0.08*	-	-	1	**0.1**	*0.06*	-	- *
Egypt, Gharbiah	8	**0.2**	*0.06*	-	-	8	**0.1**	*0.05*	-	-
Tunisia, Centre, Sousse	1	**0.1**	*0.10*	-	-	0	**-**	-	-	- *
Uganda, Kyadondo County	1	**0.0**	*0.03*	-	-	1	**0.1**	*0.09*	-	- *
Zimbabwe, Harare: African	1	**0.1**	*0.07*	-	-	0	**-**	-	-	- *
America, Central and South										
Argentina, Bahia Blanca	6	**0.7**	*0.30*	0.10	*0.05*	2	**0.2**	*0.12*	0.01	*0.01*
Brazil, Brasilia	23	**0.9**	*0.20*	0.11	*0.03*	7	**0.2**	*0.08*	0.02	*0.01*
Brazil, Cuiaba	21	**3.5**	*0.79*	0.39	*0.10*	8	**1.1**	*0.38*	0.09	*0.04*
Brazil, Goiania	4	**0.3**	*0.15*	0.05	*0.03*	0	**-**	-	-	-
Brazil, Sao Paulo	228	**1.1**	*0.08*	0.13	*0.01*	62	**0.2**	*0.03*	0.02	*0.00*
Chile, Valdivia	2	**0.2**	*0.15*	0.01	*0.01*	0	**-**	-	-	-
Colombia, Cali	16	**0.5**	*0.13*	0.06	*0.02*	6	**0.1**	*0.05*	0.01	*0.01*
Costa Rica	16	**0.2**	*0.06*	0.02	*0.01*	5	**0.0**	*0.02*	0.00	*0.00*
Ecuador, Quito	2	**0.1**	*0.06*	0.01	*0.01*	1	**0.0**	*0.02*	-	-
France, La Martinique	15	**1.3**	*0.35*	0.18	*0.05*	1	**0.1**	*0.14*	0.01	*0.01*
Peru, Trujillo	0	**-**	-	-	-	0	**-**	-	-	- *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	282	**0.4**	*0.02*	0.04	*0.00*	128	**0.1**	*0.01*	0.02	*0.00*
Canada, Alberta	27	**0.3**	*0.06*	0.04	*0.01*	10	**0.1**	*0.03*	0.01	*0.01*
Canada, British Columbia	29	**0.2**	*0.04*	0.03	*0.01*	13	**0.1**	*0.02*	0.01	*0.00*
Canada, Manitoba	12	**0.3**	*0.09*	0.04	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
Canada, New Brunswick	6	**0.2**	*0.09*	0.03	*0.01*	1	**0.0**	*0.01*	-	-
Canada, Newfoundland and Labrador	9	**0.5**	*0.17*	0.08	*0.03*	1	**0.1**	*0.05*	0.00	*0.00*
Canada, Northwest Territories	0	**-**	-	-	-	0	**-**	-	-	-
Canada, Nova Scotia	16	**0.4**	*0.12*	0.05	*0.02*	5	**0.2**	*0.07*	0.02	*0.01*
Canada, Ontario	171	**0.4**	*0.03*	0.05	*0.00*	92	**0.2**	*0.02*	0.02	*0.00*
Canada, Prince Edward Island	0	**-**	-	-	-	0	**-**	-	-	-
Canada, Saskatchewan	12	**0.4**	*0.11*	0.05	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*
USA, Alabama	63	**0.4**	*0.06*	0.06	*0.01*	22	**0.1**	*0.03*	0.01	*0.00*
USA, Alabama: Black	16	**0.7**	*0.17*	0.10	*0.03*	5	**0.1**	*0.06*	0.01	*0.01*
USA, Alabama: White	46	**0.4**	*0.06*	0.05	*0.01*	17	**0.1**	*0.03*	0.01	*0.00*
USA, Alaska	5	**0.3**	*0.13*	0.03	*0.02*	2	**0.2**	*0.13*	0.02	*0.02*
USA, Arizona	59	**0.4**	*0.05*	0.05	*0.01*	27	**0.1**	*0.03*	0.02	*0.00*
USA, California	253	**0.3**	*0.02*	0.03	*0.00*	142	**0.1**	*0.01*	0.02	*0.00*
USA, California: Asian and Pacific Islander	8	**0.1**	*0.03*	0.01	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
USA, California: Black	23	**0.4**	*0.09*	0.05	*0.01*	11	**0.1**	*0.04*	0.01	*0.01*
USA, California: Hispanic White	20	**0.1**	*0.03*	0.02	*0.00*	7	**0.0**	*0.01*	0.00	*0.00*
USA, California: Non-Hispanic White	196	**0.3**	*0.02*	0.04	*0.00*	119	**0.2**	*0.02*	0.02	*0.00*
USA, California, Greater San Francisco Bay Area	27	**0.1**	*0.03*	0.02	*0.00*	23	**0.1**	*0.02*	0.01	*0.00*
USA, California, Greater San Francisco Bay Area: Black	4	**0.3**	*0.17*	0.04	*0.02*	1	**0.1**	*0.06*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Chinese	0	**-**	-	-	-	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Filipino	1	**0.1**	*0.10*	0.01	*0.01*	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Japanese	0	**-**	-	-	-	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	2	**0.1**	*0.08*	0.02	*0.02*	1	**0.0**	*0.03*	0.00	*0.00*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	20	**0.2**	*0.04*	0.02	*0.01*	20	**0.1**	*0.03*	0.02	*0.01*
USA, California, Los Angeles County	59	**0.2**	*0.03*	0.03	*0.01*	28	**0.1**	*0.02*	0.01	*0.00*
USA, California, Los Angeles County: Black	7	**0.3**	*0.12*	0.04	*0.02*	6	**0.2**	*0.07*	0.02	*0.01*
USA, California, Los Angeles County: Chinese	1	**0.1**	*0.07*	-	-	2	**0.1**	*0.11*	0.02	*0.02*
USA, California, Los Angeles County: Filipino	1	**0.1**	*0.13*	0.03	*0.03*	0	**-**	-	-	-
USA, California, Los Angeles County: Japanese	1	**0.1**	*0.14*	0.04	*0.04*	0	**-**	-	-	-
USA, California, Los Angeles County: Korean	0	**-**	-	-	-	0	**-**	-	-	-
USA, California, Los Angeles County: Hispanic White	7	**0.1**	*0.05*	0.02	*0.01*	1	**0.0**	*0.01*	0.00	*0.00*
USA, California, Los Angeles County: Non-Hispanic White	39	**0.3**	*0.05*	0.04	*0.01*	19	**0.1**	*0.03*	0.01	*0.00*
USA, Colorado	72	**0.6**	*0.07*	0.07	*0.01*	21	**0.1**	*0.03*	0.02	*0.01*
USA, Connecticut	31	**0.2**	*0.05*	0.02	*0.01*	13	**0.1**	*0.03*	0.02	*0.00*
USA, Connecticut: Black	2	**0.3**	*0.21*	0.04	*0.03*	4	**0.5**	*0.25*	0.09	*0.05*
USA, Connecticut: White	29	**0.2**	*0.05*	0.02	*0.01*	9	**0.1**	*0.03*	0.01	*0.00*
USA, District of Columbia	13	**0.8**	*0.23*	0.09	*0.03*	2	**0.1**	*0.08*	0.01	*0.01*
USA, District of Columbia: Black	10	**0.9**	*0.31*	0.11	*0.04*	1	**0.1**	*0.08*	0.01	*0.01*
USA, District of Columbia: White	2	**0.4**	*0.27*	0.05	*0.03*	1	**0.2**	*0.20*	0.02	*0.02*
USA, Florida	468	**0.8**	*0.04*	0.10	*0.01*	199	**0.2**	*0.02*	0.03	*0.00*
USA, Florida: Black	44	**0.8**	*0.13*	0.11	*0.02*	16	**0.2**	*0.06*	0.03	*0.01*
USA, Florida: White	419	**0.8**	*0.04*	0.10	*0.01*	182	**0.3**	*0.02*	0.03	*0.00*
USA, Georgia	98	**0.4**	*0.05*	0.05	*0.01*	35	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia: Black	34	**0.7**	*0.13*	0.08	*0.02*	8	**0.2**	*0.06*	0.02	*0.01*
USA, Georgia: White	64	**0.4**	*0.05*	0.05	*0.01*	26	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia, Atlanta	28	**0.4**	*0.08*	0.05	*0.01*	9	**0.1**	*0.05*	0.02	*0.01*
USA, Georgia, Atlanta: Black	14	**0.8**	*0.22*	0.07	*0.02*	2	**0.1**	*0.08*	0.01	*0.01*
USA, Georgia, Atlanta: White	14	**0.3**	*0.09*	0.05	*0.01*	7	**0.1**	*0.05*	0.02	*0.01*
USA, Idaho	8	**0.2**	*0.07*	0.02	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
USA, Illinois	169	**0.5**	*0.04*	0.06	*0.01*	62	**0.1**	*0.02*	0.01	*0.00*
USA, Illinois: Black	43	**1.0**	*0.16*	0.13	*0.02*	11	**0.2**	*0.06*	0.02	*0.01*
USA, Illinois: White	120	**0.4**	*0.04*	0.05	*0.01*	50	**0.1**	*0.02*	0.01	*0.00*
USA, Indiana	72	**0.4**	*0.05*	0.05	*0.01*	29	**0.1**	*0.02*	0.01	*0.00*
USA, Iowa	17	**0.1**	*0.04*	0.02	*0.01*	6	**0.0**	*0.02*	0.00	*0.00*
USA, Kentucky	50	**0.4**	*0.05*	0.04	*0.01*	17	**0.1**	*0.02*	0.01	*0.00*
USA, Louisiana	78	**0.6**	*0.07*	0.08	*0.01*	23	**0.1**	*0.03*	0.02	*0.00*
USA, Louisiana: Black	29	**1.0**	*0.19*	0.14	*0.03*	8	**0.2**	*0.06*	0.02	*0.01*
USA, Louisiana: White	49	**0.5**	*0.07*	0.06	*0.01*	15	**0.1**	*0.03*	0.01	*0.00*
USA, Louisiana, New Orleans: Black	10	**1.1**	*0.36*	0.14	*0.05*	2	**0.1**	*0.08*	0.02	*0.02*
USA, Louisiana, New Orleans: White	10	**0.5**	*0.16*	0.05	*0.02*	6	**0.2**	*0.09*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pharynx unspecified (C14) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	22	**0.5**	*0.11*	0.06	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
USA, Massachusetts	63	**0.3**	*0.04*	0.04	*0.01*	33	**0.1**	*0.02*	0.02	*0.00*
USA, Michigan	137	**0.5**	*0.04*	0.06	*0.01*	44	**0.1**	*0.02*	0.02	*0.00*
USA, Michigan: Black	23	**0.7**	*0.14*	0.08	*0.02*	8	**0.2**	*0.06*	0.03	*0.01*
USA, Michigan: White	113	**0.4**	*0.04*	0.06	*0.01*	36	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan, Detroit	73	**0.6**	*0.08*	0.08	*0.01*	16	**0.1**	*0.03*	0.02	*0.00*
USA, Michigan, Detroit: Black	20	**0.8**	*0.19*	0.10	*0.03*	4	**0.1**	*0.06*	0.02	*0.01*
USA, Michigan, Detroit: White	51	**0.6**	*0.08*	0.08	*0.01*	12	**0.1**	*0.03*	0.02	*0.01*
USA, Missouri	70	**0.4**	*0.05*	0.05	*0.01*	28	**0.1**	*0.02*	0.01	*0.00*
USA, Missouri: Black	8	**0.6**	*0.20*	0.06	*0.03*	3	**0.2**	*0.09*	0.02	*0.02*
USA, Missouri: White	62	**0.4**	*0.05*	0.05	*0.01*	25	**0.1**	*0.02*	0.01	*0.00*
USA, Montana	10	**0.3**	*0.10*	0.03	*0.01*	2	**0.1**	*0.04*	0.01	*0.01*
USA, NPCR	2892	**0.4**	*0.01*	0.05	*0.00*	1168	**0.1**	*0.00*	0.02	*0.00*
USA, NPCR: Black	448	**0.7**	*0.04*	0.09	*0.01*	156	**0.2**	*0.02*	0.02	*0.00*
USA, NPCR: White	2382	**0.4**	*0.01*	0.05	*0.00*	990	**0.1**	*0.00*	0.02	*0.00*
USA, New Jersey	91	**0.3**	*0.04*	0.04	*0.01*	52	**0.1**	*0.02*	0.02	*0.00*
USA, New Jersey: Black	22	**0.8**	*0.18*	0.11	*0.03*	9	**0.2**	*0.07*	0.02	*0.01*
USA, New Jersey: White	67	**0.3**	*0.04*	0.04	*0.01*	42	**0.1**	*0.02*	0.02	*0.00*
USA, New Mexico	15	**0.3**	*0.07*	0.04	*0.01*	5	**0.1**	*0.05*	0.01	*0.01*
USA, New Mexico: American Indian	0	**-**	-	-	-	0	**-**	-	-	-
USA, New Mexico: Hispanic White	4	**0.2**	*0.12*	0.03	*0.02*	1	**0.1**	*0.07*	0.00	*0.00*
USA, New Mexico: Non-Hispanic White	11	**0.3**	*0.10*	0.05	*0.02*	4	**0.1**	*0.05*	0.01	*0.01*
USA, New York State	235	**0.4**	*0.03*	0.05	*0.00*	89	**0.1**	*0.01*	0.01	*0.00*
USA, New York State: Black	47	**0.7**	*0.10*	0.08	*0.01*	23	**0.2**	*0.05*	0.02	*0.01*
USA, New York State: White	181	**0.3**	*0.03*	0.04	*0.00*	65	**0.1**	*0.01*	0.01	*0.00*
USA, Ohio	135	**0.4**	*0.03*	0.05	*0.00*	61	**0.1**	*0.02*	0.02	*0.00*
USA, Ohio: Black	21	**0.7**	*0.16*	0.08	*0.02*	11	**0.3**	*0.08*	0.03	*0.01*
USA, Ohio: White	112	**0.3**	*0.03*	0.04	*0.00*	48	**0.1**	*0.02*	0.01	*0.00*
USA, Oklahoma	56	**0.5**	*0.07*	0.06	*0.01*	17	**0.1**	*0.03*	0.01	*0.00*
USA, Oregon	26	**0.2**	*0.05*	0.03	*0.01*	10	**0.1**	*0.03*	0.01	*0.00*
USA, Pennsylvania	146	**0.3**	*0.03*	0.04	*0.00*	53	**0.1**	*0.01*	0.01	*0.00*
USA, Pennsylvania: Black	27	**1.0**	*0.19*	0.12	*0.03*	12	**0.2**	*0.07*	0.02	*0.01*
USA, Pennsylvania: White	117	**0.3**	*0.03*	0.03	*0.00*	39	**0.1**	*0.01*	0.01	*0.00*
USA, Rhode Island	6	**0.2**	*0.08*	0.04	*0.02*	4	**0.1**	*0.05*	0.01	*0.01*
USA, SEER (9 Registries)	238	**0.3**	*0.02*	0.04	*0.00*	98	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (9 Registries): Black	41	**0.6**	*0.10*	0.07	*0.01*	11	**0.1**	*0.04*	0.02	*0.01*
USA, SEER (9 Registries): White	191	**0.3**	*0.02*	0.04	*0.00*	87	**0.1**	*0.01*	0.02	*0.00*
USA, SEER (14 Registries)	689	**0.3**	*0.01*	0.04	*0.00*	318	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	13	**0.1**	*0.02*	0.01	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
USA, SEER (14 Registries): Black	118	**0.7**	*0.06*	0.08	*0.01*	41	**0.2**	*0.03*	0.02	*0.00*
USA, SEER (14 Registries): Hispanic White	32	**0.2**	*0.03*	0.02	*0.00*	13	**0.0**	*0.01*	0.00	*0.00*
USA, SEER (14 Registries): Non-Hispanic White	518	**0.3**	*0.01*	0.04	*0.00*	258	**0.1**	*0.01*	0.02	*0.00*
USA, South Carolina	67	**0.5**	*0.07*	0.06	*0.01*	27	**0.2**	*0.03*	0.02	*0.00*
USA, South Carolina: Black	22	**0.8**	*0.18*	0.11	*0.03*	10	**0.3**	*0.08*	0.02	*0.01*
USA, South Carolina: White	45	**0.5**	*0.07*	0.05	*0.01*	17	**0.1**	*0.03*	0.02	*0.01*
USA, Texas	264	**0.5**	*0.03*	0.06	*0.00*	87	**0.1**	*0.01*	0.02	*0.00*
USA, Texas: Black	44	**0.9**	*0.14*	0.11	*0.02*	7	**0.1**	*0.04*	0.02	*0.01*
USA, Texas: White	216	**0.4**	*0.03*	0.05	*0.00*	77	**0.1**	*0.02*	0.02	*0.00*
USA, Utah	14	**0.3**	*0.07*	0.03	*0.01*	7	**0.1**	*0.04*	0.02	*0.01*
USA, Vermont	7	**0.4**	*0.15*	0.04	*0.02*	3	**0.1**	*0.07*	0.01	*0.01*
USA, Washington State	49	**0.2**	*0.04*	0.03	*0.01*	30	**0.1**	*0.03*	0.02	*0.00*
USA, Washington, Seattle	33	**0.2**	*0.05*	0.03	*0.01*	23	**0.2**	*0.04*	0.02	*0.01*
USA, West Virginia	22	**0.4**	*0.08*	0.04	*0.01*	9	**0.1**	*0.04*	0.02	*0.01*
USA, Wisconsin	52	**0.3**	*0.04*	0.04	*0.01*	24	**0.1**	*0.03*	0.01	*0.00*
Asia										
Bahrain: Bahraini	0	**-**	-	-	-	0	**-**	-	-	-
China, Guangzhou City	10	**0.2**	*0.06*	0.02	*0.01*	1	**0.0**	*0.02*	0.00	*0.00**
China, Hong Kong	9	**0.0**	*0.01*	0.01	*0.00*	1	**0.0**	*0.00*	0.00	*0.00*
China, Jiashan	0	**-**	-	-	-	0	**-**	-	-	- *
China, Nangang District, Harbin City	5	**0.3**	*0.15*	0.02	*0.01*	3	**0.1**	*0.08*	0.01	*0.01*
China, Shanghai	8	**0.0**	*0.01*	0.00	*0.00*	3	**0.0**	*0.01*	0.00	*0.00**
China, Zhongshan	9	**0.3**	*0.10*	0.04	*0.01*	1	**0.0**	*0.03*	0.00	*0.00**
Cyprus	2	**0.1**	*0.04*	-	-	3	**0.1**	*0.10*	0.01	*0.01**
India, Chennai (Madras)	60	**0.6**	*0.09*	0.08	*0.01*	29	**0.3**	*0.06*	0.03	*0.01*
India, New Delhi	86	**0.4**	*0.05*	0.06	*0.01*	15	**0.1**	*0.02*	0.01	*0.00**
India, Karunagappally	1	**0.1**	*0.12*	0.02	*0.02*	1	**0.1**	*0.12*	0.01	*0.01*
India, Mumbai (Bombay)	198	**1.0**	*0.07*	0.12	*0.01*	55	**0.3**	*0.04*	0.03	*0.01*
India, Nagpur	24	**0.6**	*0.12*	0.07	*0.02*	9	**0.2**	*0.07*	0.02	*0.01**
India, Poona	28	**0.4**	*0.09*	0.06	*0.01*	11	**0.2**	*0.05*	0.02	*0.01**
India, Trivandrum	9	**0.3**	*0.11*	0.05	*0.02*	2	**0.1**	*0.05*	0.01	*0.01**
Israel	14	**0.1**	*0.02*	0.01	*0.00*	10	**0.0**	*0.01*	0.00	*0.00*
Israel: Jews	12	**0.1**	*0.02*	0.01	*0.00*	9	**0.0**	*0.01*	0.00	*0.00*
Israel: Non-Jews	2	**0.1**	*0.09*	0.01	*0.01*	1	**0.1**	*0.06*	0.00	*0.00*
Japan, Aichi Prefecture	14	**0.4**	*0.11*	0.06	*0.02*	0	**-**	-	-	-
Japan, Fukui Prefecture	3	**0.1**	*0.05*	0.01	*0.01*	1	**0.0**	*0.01*	-	-
Japan, Hiroshima	12	**0.3**	*0.10*	0.04	*0.01*	2	**0.1**	*0.04*	0.01	*0.00*
Japan, Miyagi Prefecture	10	**0.1**	*0.03*	0.01	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
Japan, Nagasaki Prefecture	37	**0.5**	*0.09*	0.07	*0.01*	5	**0.1**	*0.03*	0.01	*0.00*
Japan, Osaka Prefecture	66	**0.2**	*0.02*	0.02	*0.00*	15	**0.0**	*0.01*	0.00	*0.00*
Japan, Yamagata Prefecture	14	**0.2**	*0.06*	0.02	*0.01*	1	**0.0**	*0.01*	-	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pharynx unspecified (C14) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	126	**0.2**	*0.01*	0.02	*0.00*	22	**0.0**	*0.00*	0.00	*0.00*
Korea, Busan	12	**0.1**	*0.04*	0.02	*0.01*	3	**0.0**	*0.02*	0.01	*0.00*
Korea, Daegu	14	**0.3**	*0.08*	0.05	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
Korea, Daejeon	4	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	-	-
Korea, Gwangju	11	**0.4**	*0.14*	0.06	*0.02*	0	**-**	-	-	-
Korea, Incheon	8	**0.2**	*0.07*	0.03	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
Korea, Jejudo	2	**0.3**	*0.22*	0.02	*0.02*	0	**-**	-	-	-
Korea, Seoul	16	**0.1**	*0.03*	0.01	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
Korea, Ulsan	3	**0.3**	*0.17*	0.02	*0.02*	0	**-**	-	-	-
Kuwait: Kuwaitis	0	**-**	-	-	-	0	**-**	-	-	-
Kuwait: Non-Kuwaitis	1	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	-	-
Malaysia, Penang	3	**0.2**	*0.09*	0.01	*0.01*	2	**0.1**	*0.06*	0.01	*0.01*
Malaysia, Sarawak	2	**0.1**	*0.05*	0.01	*0.01*	2	**0.1**	*0.04*	0.01	*0.00*
Oman: Omani	0	**-**	-	-	-	1	**0.1**	*0.08*	0.01	*0.01**
Pakistan, South Karachi	15	**0.6**	*0.17*	0.08	*0.03*	6	**0.2**	*0.09*	0.02	*0.01**
Philippines, Manila	60	**0.9**	*0.12*	0.12	*0.02*	32	**0.4**	*0.07*	0.05	*0.01**
Singapore	9	**0.1**	*0.04*	0.01	*0.01*	4	**0.1**	*0.03*	0.00	*0.00*
Singapore: Chinese	9	**0.1**	*0.05*	0.02	*0.01*	2	**0.0**	*0.04*	0.00	*0.00*
Singapore: Indian	0	**-**	-	-	-	1	**0.2**	*0.21*	0.03	*0.03*
Singapore: Malay	0	**-**	-	-	-	1	**0.1**	*0.08*	0.01	*0.01*
Thailand, Chiang Mai	5	**0.1**	*0.05*	0.01	*0.01*	3	**0.1**	*0.04*	0.01	*0.01**
Thailand, Lampang	2	**0.1**	*0.05*	0.00	*0.00*	2	**0.1**	*0.05*	0.00	*0.00**
Thailand, Songkhla	8	**0.3**	*0.10*	0.02	*0.01*	0	**-**	-	-	-
Turkey, Antalya	1	**0.0**	*0.03*	0.00	*0.00*	2	**0.1**	*0.04*	0.00	*0.00**
Turkey, Izmir	1	**0.0**	*0.01*	0.00	*0.00*	2	**0.0**	*0.02*	0.00	*0.00**
Europe										
Austria	80	**0.3**	*0.04*	0.04	*0.00*	17	**0.1**	*0.01*	0.01	*0.00*
Austria, Tyrol	7	**0.3**	*0.12*	0.04	*0.02*	1	**0.0**	*0.04*	0.01	*0.01*
Austria, Vorarlberg	10	**1.0**	*0.31*	0.12	*0.04*	0	**-**	-	-	-
Belarus	27	**0.1**	*0.02*	0.01	*0.00*	4	**0.0**	*0.01*	0.00	*0.00**
Belgium, Antwerp	11	**0.2**	*0.05*	0.02	*0.01*	1	**0.0**	*0.02*	0.00	*0.00**
Belgium, Flanders	82	**0.4**	*0.05*	0.05	*0.01*	12	**0.1**	*0.02*	0.01	*0.00*
Bulgaria	62	**0.2**	*0.03*	0.02	*0.00*	13	**0.0**	*0.01*	0.00	*0.00**
Croatia	70	**0.4**	*0.05*	0.05	*0.01*	10	**0.0**	*0.02*	0.00	*0.00*
Czech Republic	46	**0.1**	*0.02*	0.01	*0.00*	14	**0.0**	*0.01*	0.00	*0.00*
Denmark	25	**0.1**	*0.03*	0.02	*0.00*	9	**0.0**	*0.01*	0.01	*0.00*
Estonia	10	**0.2**	*0.08*	0.03	*0.01*	4	**0.0**	*0.02*	0.00	*0.00*
Finland	10	**0.0**	*0.02*	0.01	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
France, Bas-Rhin	59	**1.8**	*0.23*	0.23	*0.03*	5	**0.2**	*0.07*	0.02	*0.01*
France, Calvados	14	**0.6**	*0.17*	0.09	*0.03*	4	**0.2**	*0.10*	0.02	*0.01*
France, Doubs	5	**0.3**	*0.15*	0.04	*0.02*	0	**-**	-	-	-
France, Haut-Rhin	48	**2.0**	*0.29*	0.24	*0.04*	6	**0.2**	*0.09*	0.02	*0.01*
France, Herault	17	**0.5**	*0.13*	0.07	*0.02*	0	**-**	-	-	-
France, Isere	21	**0.6**	*0.13*	0.08	*0.02*	5	**0.1**	*0.06*	0.01	*0.01*
France, Loire-Atlantique	42	**1.1**	*0.17*	0.12	*0.02*	1	**0.0**	*0.03*	0.00	*0.00*
France, Manche	23	**1.4**	*0.30*	0.17	*0.04*	0	**-**	-	-	-
France, Somme	53	**3.0**	*0.42*	0.36	*0.05*	1	**0.1**	*0.06*	0.01	*0.01*
France, Tarn	3	**0.1**	*0.10*	0.01	*0.01*	2	**0.1**	*0.10*	0.02	*0.01*
France, Vendee	19	**1.0**	*0.23*	0.11	*0.03*	4	**0.2**	*0.10*	0.02	*0.01*
Germany, Brandenburg	32	**0.3**	*0.06*	0.04	*0.01*	2	**0.0**	*0.01*	0.00	*0.00*
Germany, Free State of Saxony	37	**0.2**	*0.04*	0.02	*0.00*	10	**0.0**	*0.01*	0.01	*0.00*
Germany, Hamburg	55	**0.8**	*0.12*	0.10	*0.02*	19	**0.2**	*0.06*	0.03	*0.01*
Germany, Mecklenburg-Western Pomerania	66	**1.0**	*0.13*	0.11	*0.01*	7	**0.1**	*0.03*	0.01	*0.00*
Germany, Munich	0	**-**	-	-	-	0	**-**	-	-	-
Germany, Northrhine-Westphalia: Munster	26	**0.3**	*0.05*	0.03	*0.01*	10	**0.1**	*0.03*	0.01	*0.00*
Germany, Saarland	13	**0.3**	*0.10*	0.04	*0.01*	3	**0.0**	*0.01*	-	-
Iceland	0	**-**	-	-	-	0	**-**	-	-	-
Ireland	52	**0.4**	*0.06*	0.05	*0.01*	17	**0.1**	*0.03*	0.02	*0.00*
Italy, Biella Province	3	**0.4**	*0.22*	0.05	*0.03*	0	**-**	-	-	-
Italy, Brescia Province	7	**0.3**	*0.11*	0.03	*0.01*	2	**0.0**	*0.02*	-	-
Italy, Ferrara Province	5	**0.3**	*0.12*	0.04	*0.02*	1	**0.0**	*0.02*	-	-
Italy, Florence and Prato	8	**0.2**	*0.06*	0.02	*0.01*	3	**0.1**	*0.03*	0.00	*0.00*
Italy, Genoa Province	10	**0.4**	*0.12*	0.05	*0.02*	1	**0.0**	*0.04*	0.01	*0.01*
Italy, Macerata Province	3	**0.4**	*0.26*	0.06	*0.03*	2	**0.3**	*0.22*	0.03	*0.02*
Italy, Milan	12	**0.3**	*0.09*	0.04	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
Italy, Modena Province	5	**0.2**	*0.08*	0.02	*0.01*	0	**-**	-	-	-
Italy, Naples	3	**0.2**	*0.11*	0.03	*0.02*	0	**-**	-	-	-
Italy, North East Cancer Surveillance Network	148	**1.8**	*0.15*	0.23	*0.02*	42	**0.4**	*0.07*	0.05	*0.01*
Italy, Parma Province	1	**0.1**	*0.09*	0.01	*0.01*	0	**-**	-	-	-
Italy, Ragusa Province	1	**0.1**	*0.09*	0.01	*0.01*	0	**-**	-	-	-
Italy, Reggio Emilia Province	3	**0.1**	*0.09*	0.01	*0.01*	1	**0.0**	*0.01*	-	-
Italy, Romagna Region	11	**0.3**	*0.08*	0.03	*0.01*	2	**0.0**	*0.02*	0.01	*0.00*
Italy, Salerno Province	8	**0.2**	*0.09*	0.03	*0.01*	2	**0.1**	*0.05*	0.00	*0.00*
Italy, Sassari Province	27	**1.6**	*0.31*	0.19	*0.04*	3	**0.1**	*0.05*	0.01	*0.01*
Italy, Syracuse Province	4	**0.4**	*0.18*	0.03	*0.02*	0	**-**	-	-	-
Italy, Sondrio	2	**0.3**	*0.19*	0.05	*0.04*	0	**-**	-	-	-
Italy, Torino	10	**0.3**	*0.08*	0.03	*0.01*	6	**0.1**	*0.03*	0.01	*0.00*
Italy, Umbria Region	3	**0.1**	*0.04*	0.01	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
Italy, Varese Province	2	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	-	-
Italy, Veneto Region	99	**1.5**	*0.16*	0.20	*0.02*	21	**0.3**	*0.07*	0.03	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pharynx unspecified (C14) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	15	**0.2**	*0.05*	0.03	*0.01*	1	**0.0**	*0.01*	0.00	*0.00*
Lithuania	36	**0.4**	*0.06*	0.05	*0.01*	5	**0.0**	*0.02*	0.00	*0.00*
Malta	0	**-**	-	-	-	2	**0.1**	*0.10*	0.02	*0.01*
Norway	13	**0.1**	*0.02*	0.01	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
Poland, Cracow	8	**0.3**	*0.12*	0.05	*0.02*	5	**0.2**	*0.08*	0.02	*0.01**
Poland, Kielce	9	**0.2**	*0.08*	0.03	*0.01*	3	**0.1**	*0.04*	0.01	*0.00*
Poland, Warsaw City	13	**0.2**	*0.07*	0.03	*0.01*	3	**0.0**	*0.02*	0.00	*0.00*
Portugal, Porto	40	**0.4**	*0.07*	0.05	*0.01*	4	**0.0**	*0.02*	0.00	*0.00**
Portugal, South Regional	62	**0.6**	*0.08*	0.07	*0.01*	11	**0.1**	*0.04*	0.01	*0.00*
Russia, St Petersburg	89	**0.6**	*0.07*	0.08	*0.01*	16	**0.1**	*0.02*	0.01	*0.00*
Serbia	45	**0.3**	*0.04*	0.03	*0.00*	14	**0.1**	*0.02*	0.01	*0.00*
Slovak Republic	40	**0.3**	*0.04*	0.03	*0.01*	8	**0.0**	*0.01*	0.00	*0.00*
Slovenia	2	**0.0**	*0.02*	0.00	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
Spain, Albacete	2	**0.2**	*0.15*	0.03	*0.02*	0	**-**	-	-	-
Spain, Asturias	34	**0.8**	*0.14*	0.10	*0.02*	1	**0.0**	*0.01*	-	-
Spain, Basque Country	93	**1.6**	*0.16*	0.17	*0.02*	15	**0.2**	*0.06*	0.02	*0.01*
Spain, Canary Islands	85	**2.0**	*0.22*	0.24	*0.03*	2	**0.0**	*0.03*	0.01	*0.01*
Spain, Cuenca	2	**0.1**	*0.08*	0.02	*0.02*	0	**-**	-	-	-
Spain, Girona	8	**0.4**	*0.16*	0.05	*0.02*	0	**-**	-	-	-
Spain, Granada	4	**0.1**	*0.08*	0.02	*0.01*	1	**0.0**	*0.05*	0.00	*0.00*
Spain, Murcia	30	**0.9**	*0.17*	0.10	*0.02*	2	**0.0**	*0.03*	0.00	*0.00*
Spain, Navarra	12	**0.6**	*0.19*	0.06	*0.02*	1	**0.1**	*0.06*	0.00	*0.01*
Spain, Tarragona	7	**0.5**	*0.20*	0.05	*0.02*	1	**0.0**	*0.05*	0.01	*0.01*
Spain, Zaragoza	9	**0.3**	*0.09*	0.03	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
Sweden	10	**0.0**	*0.01*	0.00	*0.00*	5	**0.0**	*0.01*	0.00	*0.00*
Switzerland, Geneva	5	**0.4**	*0.17*	0.05	*0.03*	1	**0.0**	*0.02*	-	-
Switzerland, Graubunden and Glarus	0	**-**	-	-	-	0	**-**	-	-	-
Switzerland, Neuchatel	4	**0.7**	*0.38*	0.10	*0.05*	2	**0.2**	*0.11*	0.03	*0.03*
Switzerland, St Gall-Appenzell	1	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	-	-
Switzerland, Ticino	4	**0.4**	*0.19*	0.05	*0.03*	2	**0.1**	*0.11*	0.01	*0.01*
Switzerland, Valais	1	**0.1**	*0.13*	0.02	*0.02*	0	**-**	-	-	-
Switzerland, Vaud	11	**0.5**	*0.15*	0.06	*0.02*	6	**0.2**	*0.09*	0.02	*0.01*
The Netherlands	37	**0.1**	*0.01*	0.01	*0.00*	8	**0.0**	*0.00*	0.00	*0.00*
The Netherlands, Eindhoven	3	**0.1**	*0.05*	0.01	*0.01*	0	**-**	-	-	-
The Netherlands, Maastricht	2	**0.1**	*0.04*	0.01	*0.00*	0	**-**	-	-	-
UK, East of England Region	14	**0.1**	*0.04*	0.02	*0.01*	6	**0.0**	*0.02*	0.00	*0.00*
UK, England, Merseyside and Cheshire	42	**0.4**	*0.07*	0.06	*0.01*	16	**0.1**	*0.03*	0.01	*0.00*
UK, England, North Western	78	**0.5**	*0.06*	0.06	*0.01*	30	**0.1**	*0.03*	0.02	*0.00*
UK, England, Northern and Yorkshire	84	**0.4**	*0.04*	0.04	*0.00*	30	**0.1**	*0.02*	0.01	*0.00*
UK, England, Oxford Region	30	**0.3**	*0.06*	0.04	*0.01*	21	**0.2**	*0.04*	0.02	*0.01*
UK, England, South and Western Regions	109	**0.4**	*0.04*	0.05	*0.01*	50	**0.2**	*0.03*	0.02	*0.00*
UK, England, Thames	173	**0.4**	*0.03*	0.04	*0.00*	77	**0.1**	*0.02*	0.01	*0.00*
UK, England, Trent	71	**0.4**	*0.05*	0.04	*0.01*	31	**0.1**	*0.03*	0.02	*0.00*
UK, England, West Midlands	37	**0.2**	*0.03*	0.02	*0.00*	24	**0.1**	*0.02*	0.01	*0.00*
UK, Northern Ireland	33	**0.6**	*0.11*	0.07	*0.01*	16	**0.2**	*0.06*	0.03	*0.01*
UK, Scotland	89	**0.5**	*0.05*	0.06	*0.01*	48	**0.2**	*0.03*	0.03	*0.00*
Oceania										
Australia, New South Wales	105	**0.5**	*0.05*	0.06	*0.01*	21	**0.1**	*0.02*	0.01	*0.00*
Australia, Northern Territory	5	**1.2**	*0.57*	0.09	*0.05*	1	**0.3**	*0.33*	-	-
Australia, Queensland	71	**0.6**	*0.07*	0.08	*0.01*	24	**0.2**	*0.04*	0.02	*0.01*
Australia, South	11	**0.2**	*0.06*	0.03	*0.01*	6	**0.1**	*0.03*	0.01	*0.00*
Australia, Tasmania	7	**0.4**	*0.16*	0.05	*0.02*	6	**0.3**	*0.14*	0.04	*0.02*
Australia, Victoria	57	**0.4**	*0.05*	0.04	*0.01*	19	**0.1**	*0.02*	0.01	*0.00*
Australia, Western	24	**0.4**	*0.08*	0.04	*0.01*	5	**0.1**	*0.04*	0.01	*0.00*
Australian Capital Territory	2	**0.2**	*0.15*	0.03	*0.03*	0	**-**	-	-	-
French Polynesia	7	**1.8**	*0.68*	0.22	*0.10*	1	**0.3**	*0.28*	0.05	*0.05*
New Zealand	25	**0.2**	*0.04*	0.02	*0.01*	12	**0.1**	*0.02*	0.01	*0.00*
USA, Hawaii	5	**0.1**	*0.05*	0.01	*0.01*	2	**0.1**	*0.05*	0.01	*0.01*
USA, Hawaii: Chinese	0	**-**	-	-	-	0	**-**	-	-	-
USA, Hawaii: Filipino	1	**0.2**	*0.20*	0.03	*0.03*	0	**-**	-	-	-
USA, Hawaii: Hawaiian	0	**-**	-	-	-	0	**-**	-	-	-
USA, Hawaii: Japanese	1	**0.0**	*0.03*	-	-	0	**-**	-	-	-
USA, Hawaii: White	3	**0.2**	*0.15*	0.03	*0.02*	2	**0.3**	*0.19*	0.03	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Oesophagus (C15)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	4	**0.2**	*0.10*	-	-	4	**0.2**	*0.09*	-	- *
Egypt, Gharbiah	70	**1.7**	*0.22*	-	-	41	**0.9**	*0.14*	-	-
Tunisia, Centre, Sousse	5	**0.5**	*0.22*	-	-	2	**0.2**	*0.16*	-	- *
Uganda, Kyadondo County	125	**14.1**	*1.39*	-	-	78	**8.4**	*1.03*	-	- *
Zimbabwe, Harare: African	219	**15.1**	*1.15*	-	-	67	**5.3**	*0.74*	-	- *
America, Central and South										
Argentina, Bahia Blanca	58	**6.7**	*0.92*	0.79	*0.13*	36	**3.1**	*0.57*	0.38	*0.08*
Brazil, Brasilia	262	**13.1**	*0.85*	1.43	*0.11*	95	**3.9**	*0.42*	0.50	*0.07*
Brazil, Cuiaba	72	**11.7**	*1.43*	1.51	*0.22*	19	**2.7**	*0.66*	0.28	*0.08*
Brazil, Goiania	115	**8.1**	*0.78*	1.01	*0.11*	43	**2.6**	*0.39*	0.29	*0.05*
Brazil, Sao Paulo	2406	**12.0**	*0.25*	1.48	*0.04*	621	**2.2**	*0.09*	0.26	*0.01*
Chile, Valdivia	81	**9.2**	*1.04*	1.06	*0.15*	51	**4.9**	*0.70*	0.65	*0.11*
Colombia, Cali	112	**3.3**	*0.32*	0.36	*0.05*	78	**1.7**	*0.20*	0.23	*0.03*
Costa Rica	159	**2.1**	*0.17*	0.25	*0.03*	55	**0.6**	*0.09*	0.06	*0.01*
Ecuador, Quito	55	**2.0**	*0.28*	0.26	*0.05*	24	**0.7**	*0.15*	0.10	*0.03*
France, La Martinique	82	**7.1**	*0.81*	0.95	*0.12*	17	**1.0**	*0.27*	0.15	*0.04*
Peru, Trujillo	26	**3.1**	*0.62*	0.33	*0.09*	5	**0.4**	*0.18*	0.04	*0.03**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	3568	**4.3**	*0.08*	0.54	*0.01*	1424	**1.3**	*0.04*	0.15	*0.01*
Canada, Alberta	349	**3.9**	*0.21*	0.49	*0.03*	123	**1.1**	*0.11*	0.12	*0.02*
Canada, British Columbia	673	**4.3**	*0.17*	0.55	*0.03*	293	**1.5**	*0.10*	0.16	*0.01*
Canada, Manitoba	171	**4.2**	*0.34*	0.53	*0.05*	68	**1.2**	*0.16*	0.14	*0.03*
Canada, New Brunswick	112	**4.2**	*0.41*	0.55	*0.06*	43	**1.2**	*0.20*	0.14	*0.03*
Canada, Newfoundland and Labrador	62	**3.3**	*0.43*	0.35	*0.06*	12	**0.4**	*0.13*	0.03	*0.02*
Canada, Northwest Territories	5	**6.5**	*3.05*	0.93	*0.55*	0	**-**	-	-	-
Canada, Nova Scotia	174	**5.1**	*0.40*	0.61	*0.06*	58	**1.2**	*0.18*	0.13	*0.02*
Canada, Ontario	1836	**4.5**	*0.11*	0.55	*0.02*	759	**1.3**	*0.05*	0.16	*0.01*
Canada, Prince Edward Island	30	**6.1**	*1.14*	0.78	*0.17*	6	**0.8**	*0.40*	0.08	*0.05*
Canada, Saskatchewan	156	**4.0**	*0.35*	0.48	*0.05*	62	**1.2**	*0.18*	0.14	*0.03*
USA, Alabama	816	**5.7**	*0.20*	0.71	*0.03*	238	**1.2**	*0.08*	0.15	*0.01*
USA, Alabama: Black	243	**9.6**	*0.63*	1.22	*0.09*	72	**1.9**	*0.24*	0.25	*0.04*
USA, Alabama: White	569	**4.8**	*0.21*	0.61	*0.03*	164	**1.0**	*0.08*	0.12	*0.01*
USA, Alaska	91	**6.3**	*0.69*	0.86	*0.11*	24	**1.5**	*0.32*	0.16	*0.05*
USA, Arizona	799	**4.4**	*0.16*	0.55	*0.02*	243	**1.0**	*0.07*	0.12	*0.01*
USA, California	4569	**4.5**	*0.07*	0.56	*0.01*	1677	**1.2**	*0.03*	0.15	*0.01*
USA, California: Asian and Pacific Islander	282	**2.5**	*0.16*	0.32	*0.02*	112	**0.8**	*0.08*	0.10	*0.01*
USA, California: Black	325	**5.9**	*0.33*	0.77	*0.05*	141	**2.0**	*0.17*	0.27	*0.03*
USA, California: Hispanic White	492	**3.3**	*0.15*	0.42	*0.02*	140	**0.7**	*0.06*	0.08	*0.01*
USA, California: Non-Hispanic White	3436	**5.0**	*0.09*	0.63	*0.01*	1273	**1.4**	*0.05*	0.18	*0.01*
USA, California, Greater San Francisco Bay Area	912	**4.5**	*0.16*	0.58	*0.02*	345	**1.3**	*0.08*	0.16	*0.01*
USA, California, Greater San Francisco Bay Area: Black	73	**5.9**	*0.71*	0.85	*0.12*	34	**2.0**	*0.37*	0.28	*0.06*
USA, California, Greater San Francisco Bay Area: Chinese	55	**3.4**	*0.48*	0.46	*0.07*	10	**0.5**	*0.18*	0.07	*0.03*
USA, California, Greater San Francisco Bay Area: Filipino	14	**1.8**	*0.48*	0.27	*0.08*	10	**0.7**	*0.24*	0.08	*0.04*
USA, California, Greater San Francisco Bay Area: Japanese	13	**3.5**	*1.09*	0.32	*0.14*	10	**1.8**	*0.67*	0.21	*0.09*
USA, California, Greater San Francisco Bay Area: Hispanic White	72	**3.6**	*0.43*	0.42	*0.06*	19	**0.6**	*0.15*	0.06	*0.02*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	661	**5.1**	*0.21*	0.66	*0.03*	245	**1.4**	*0.10*	0.18	*0.02*
USA, California, Los Angeles County	1036	**4.0**	*0.13*	0.50	*0.02*	418	**1.1**	*0.06*	0.14	*0.01*
USA, California, Los Angeles County: Black	133	**5.4**	*0.47*	0.67	*0.07*	72	**2.1**	*0.26*	0.29	*0.04*
USA, California, Los Angeles County: Chinese	28	**2.4**	*0.48*	0.30	*0.07*	15	**1.1**	*0.32*	0.16	*0.05*
USA, California, Los Angeles County: Filipino	13	**1.7**	*0.48*	0.21	*0.07*	8	**0.7**	*0.25*	0.09	*0.04*
USA, California, Los Angeles County: Japanese	23	**4.5**	*0.98*	0.62	*0.15*	6	**0.8**	*0.35*	0.13	*0.06*
USA, California, Los Angeles County: Korean	17	**3.0**	*0.74*	0.28	*0.10*	1	**0.1**	*0.10*	-	-
USA, California, Los Angeles County: Hispanic White	189	**3.3**	*0.25*	0.43	*0.04*	54	**0.6**	*0.09*	0.07	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	605	**4.4**	*0.19*	0.55	*0.03*	258	**1.3**	*0.10*	0.16	*0.01*
USA, Colorado	625	**5.0**	*0.20*	0.63	*0.03*	198	**1.3**	*0.10*	0.16	*0.02*
USA, Connecticut	714	**6.0**	*0.24*	0.74	*0.03*	288	**1.7**	*0.12*	0.22	*0.02*
USA, Connecticut: Black	53	**7.9**	*1.11*	1.03	*0.17*	36	**3.9**	*0.66*	0.50	*0.10*
USA, Connecticut: White	655	**5.9**	*0.25*	0.73	*0.04*	250	**1.6**	*0.12*	0.20	*0.02*
USA, District of Columbia	179	**10.8**	*0.83*	1.36	*0.12*	65	**2.6**	*0.36*	0.36	*0.06*
USA, District of Columbia: Black	149	**14.8**	*1.24*	1.81	*0.17*	58	**3.5**	*0.50*	0.47	*0.08*
USA, District of Columbia: White	26	**4.1**	*0.84*	0.56	*0.15*	7	**0.8**	*0.34*	0.08	*0.06*
USA, Florida	3734	**5.6**	*0.10*	0.71	*0.01*	1288	**1.4**	*0.05*	0.17	*0.01*
USA, Florida: Black	433	**8.4**	*0.41*	1.04	*0.06*	171	**2.4**	*0.19*	0.28	*0.03*
USA, Florida: White	3276	**5.4**	*0.10*	0.68	*0.01*	1105	**1.3**	*0.05*	0.16	*0.01*
USA, Georgia	1292	**5.9**	*0.17*	0.74	*0.02*	419	**1.4**	*0.07*	0.17	*0.01*
USA, Georgia: Black	470	**11.1**	*0.53*	1.44	*0.08*	198	**3.1**	*0.24*	0.40	*0.04*
USA, Georgia: White	809	**4.6**	*0.17*	0.57	*0.02*	215	**0.9**	*0.06*	0.10	*0.01*
USA, Georgia, Atlanta	359	**5.4**	*0.29*	0.68	*0.05*	129	**1.4**	*0.13*	0.16	*0.02*
USA, Georgia, Atlanta: Black	132	**8.2**	*0.75*	1.04	*0.11*	62	**2.5**	*0.34*	0.30	*0.05*
USA, Georgia, Atlanta: White	219	**4.6**	*0.32*	0.58	*0.05*	62	**0.9**	*0.12*	0.09	*0.02*
USA, Idaho	210	**5.1**	*0.37*	0.64	*0.05*	62	**1.2**	*0.16*	0.16	*0.03*
USA, Illinois	2562	**6.6**	*0.14*	0.83	*0.02*	800	**1.5**	*0.06*	0.18	*0.01*
USA, Illinois: Black	421	**10.1**	*0.50*	1.27	*0.07*	168	**2.8**	*0.22*	0.35	*0.03*
USA, Illinois: White	2098	**6.2**	*0.14*	0.78	*0.02*	616	**1.2**	*0.06*	0.15	*0.01*
USA, Indiana	1179	**6.0**	*0.18*	0.77	*0.03*	350	**1.3**	*0.08*	0.17	*0.01*
USA, Iowa	600	**5.5**	*0.24*	0.67	*0.03*	180	**1.2**	*0.10*	0.14	*0.01*
USA, Kentucky	763	**5.8**	*0.21*	0.74	*0.03*	205	**1.0**	*0.08*	0.13	*0.01*
USA, Louisiana	823	**6.1**	*0.22*	0.74	*0.03*	254	**1.4**	*0.10*	0.18	*0.01*
USA, Louisiana: Black	259	**8.2**	*0.52*	1.00	*0.07*	82	**1.9**	*0.22*	0.28	*0.04*
USA, Louisiana: White	557	**5.4**	*0.24*	0.66	*0.03*	171	**1.2**	*0.10*	0.15	*0.02*
USA, Louisiana, New Orleans: Black	57	**5.9**	*0.81*	0.67	*0.11*	19	**1.5**	*0.35*	0.24	*0.06*
USA, Louisiana, New Orleans: White	105	**5.1**	*0.53*	0.62	*0.08*	38	**1.3**	*0.24*	0.16	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Oesophagus (C15) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	312	**6.5**	*0.38*	0.77	*0.05*	93	**1.2**	*0.15*	0.16	*0.02*
USA, Massachusetts	1495	**7.1**	*0.19*	0.90	*0.03*	501	**1.5**	*0.08*	0.17	*0.01*
USA, Michigan	2086	**6.4**	*0.15*	0.82	*0.02*	600	**1.3**	*0.06*	0.16	*0.01*
USA, Michigan: Black	280	**8.8**	*0.54*	1.17	*0.08*	110	**2.4**	*0.25*	0.28	*0.03*
USA, Michigan: White	1791	**6.2**	*0.15*	0.79	*0.02*	487	**1.2**	*0.06*	0.14	*0.01*
USA, Michigan, Detroit	814	**6.5**	*0.24*	0.84	*0.04*	264	**1.4**	*0.10*	0.17	*0.01*
USA, Michigan, Detroit: Black	217	**9.3**	*0.65*	1.24	*0.10*	90	**2.6**	*0.29*	0.31	*0.04*
USA, Michigan, Detroit: White	591	**5.9**	*0.25*	0.75	*0.04*	174	**1.1**	*0.10*	0.13	*0.01*
USA, Missouri	1088	**5.7**	*0.18*	0.73	*0.03*	312	**1.2**	*0.07*	0.14	*0.01*
USA, Missouri: Black	130	**9.5**	*0.85*	1.21	*0.13*	54	**2.7**	*0.39*	0.33	*0.05*
USA, Missouri: White	955	**5.4**	*0.18*	0.70	*0.03*	255	**1.0**	*0.07*	0.12	*0.01*
USA, Montana	173	**5.1**	*0.40*	0.67	*0.06*	46	**1.0**	*0.16*	0.15	*0.03*
USA, NPCR	41538	**5.7**	*0.03*	0.72	*0.00*	13450	**1.3**	*0.01*	0.16	*0.00*
USA, NPCR: Black	5264	**8.9**	*0.12*	1.14	*0.02*	2101	**2.5**	*0.06*	0.32	*0.01*
USA, NPCR: White	35284	**5.5**	*0.03*	0.69	*0.00*	10997	**1.2**	*0.01*	0.15	*0.00*
USA, New Jersey	1646	**5.8**	*0.15*	0.73	*0.02*	613	**1.5**	*0.07*	0.20	*0.01*
USA, New Jersey: Black	259	**9.6**	*0.60*	1.34	*0.10*	100	**2.6**	*0.27*	0.35	*0.04*
USA, New Jersey: White	1355	**5.5**	*0.16*	0.68	*0.02*	499	**1.4**	*0.07*	0.18	*0.01*
USA, New Mexico	278	**4.6**	*0.29*	0.57	*0.04*	51	**0.6**	*0.09*	0.07	*0.01*
USA, New Mexico: American Indian	11	**3.4**	*1.06*	0.44	*0.16*	1	**0.1**	*0.14*	-	-
USA, New Mexico: Hispanic White	61	**3.4**	*0.44*	0.39	*0.06*	9	**0.3**	*0.11*	0.03	*0.02*
USA, New Mexico: Non-Hispanic White	201	**5.5**	*0.41*	0.69	*0.06*	39	**0.8**	*0.13*	0.10	*0.02*
USA, New York State	3517	**5.7**	*0.10*	0.72	*0.01*	1382	**1.5**	*0.05*	0.18	*0.01*
USA, New York State: Black	556	**8.4**	*0.36*	1.06	*0.05*	309	**3.0**	*0.18*	0.38	*0.03*
USA, New York State: White	2861	**5.4**	*0.11*	0.69	*0.02*	1043	**1.3**	*0.05*	0.15	*0.01*
USA, Ohio	2412	**6.2**	*0.13*	0.78	*0.02*	771	**1.4**	*0.06*	0.17	*0.01*
USA, Ohio: Black	252	**8.2**	*0.53*	1.05	*0.08*	110	**2.4**	*0.24*	0.32	*0.04*
USA, Ohio: White	2089	**5.9**	*0.13*	0.74	*0.02*	631	**1.3**	*0.06*	0.15	*0.01*
USA, Oklahoma	611	**5.2**	*0.22*	0.64	*0.03*	150	**1.0**	*0.09*	0.12	*0.01*
USA, Oregon	703	**5.8**	*0.23*	0.73	*0.03*	224	**1.4**	*0.10*	0.16	*0.01*
USA, Pennsylvania	2875	**6.2**	*0.12*	0.79	*0.02*	870	**1.3**	*0.05*	0.16	*0.01*
USA, Pennsylvania: Black	287	**9.6**	*0.58*	1.24	*0.09*	134	**3.1**	*0.28*	0.40	*0.04*
USA, Pennsylvania: White	2534	**5.9**	*0.13*	0.75	*0.02*	723	**1.1**	*0.05*	0.13	*0.01*
USA, Rhode Island	239	**6.7**	*0.46*	0.84	*0.07*	82	**1.4**	*0.19*	0.15	*0.03*
USA, SEER (9 Registries)	4513	**5.4**	*0.08*	0.68	*0.01*	1470	**1.3**	*0.04*	0.15	*0.01*
USA, SEER (9 Registries): Black	503	**8.0**	*0.36*	1.06	*0.06*	229	**2.6**	*0.18*	0.31	*0.03*
USA, SEER (9 Registries): White	3715	**5.3**	*0.09*	0.66	*0.01*	1158	**1.2**	*0.04*	0.14	*0.01*
USA, SEER (14 Registries)	11756	**5.1**	*0.05*	0.64	*0.01*	3998	**1.3**	*0.02*	0.16	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	496	**2.9**	*0.14*	0.37	*0.02*	169	**0.8**	*0.06*	0.10	*0.01*
USA, SEER (14 Registries): Black	1380	**7.9**	*0.22*	1.04	*0.03*	544	**2.3**	*0.10*	0.30	*0.02*
USA, SEER (14 Registries): Hispanic White	721	**3.6**	*0.14*	0.44	*0.02*	202	**0.8**	*0.06*	0.09	*0.01*
USA, SEER (14 Registries): Non-Hispanic White	9070	**5.3**	*0.06*	0.66	*0.01*	3061	**1.3**	*0.03*	0.16	*0.00*
USA, South Carolina	898	**7.1**	*0.24*	0.90	*0.03*	244	**1.4**	*0.10*	0.17	*0.01*
USA, South Carolina: Black	377	**14.4**	*0.75*	1.91	*0.11*	97	**2.5**	*0.27*	0.29	*0.04*
USA, South Carolina: White	516	**5.2**	*0.23*	0.64	*0.03*	145	**1.1**	*0.10*	0.13	*0.01*
USA, Texas	2800	**4.9**	*0.09*	0.62	*0.01*	854	**1.1**	*0.04*	0.13	*0.01*
USA, Texas: Black	352	**7.2**	*0.39*	0.94	*0.06*	133	**2.0**	*0.18*	0.25	*0.03*
USA, Texas: White	2410	**4.7**	*0.10*	0.60	*0.01*	704	**1.0**	*0.04*	0.12	*0.01*
USA, Utah	202	**3.7**	*0.27*	0.48	*0.04*	45	**0.6**	*0.10*	0.08	*0.02*
USA, Vermont	124	**6.1**	*0.56*	0.77	*0.08*	46	**1.6**	*0.27*	0.17	*0.04*
USA, Washington State	1114	**5.8**	*0.18*	0.74	*0.03*	338	**1.4**	*0.08*	0.17	*0.01*
USA, Washington, Seattle	748	**5.8**	*0.22*	0.73	*0.03*	230	**1.3**	*0.10*	0.16	*0.02*
USA, West Virginia	415	**5.8**	*0.30*	0.69	*0.04*	117	**1.2**	*0.13*	0.14	*0.02*
USA, Wisconsin	1278	**6.9**	*0.20*	0.87	*0.03*	352	**1.4**	*0.08*	0.17	*0.01*
Asia										
Bahrain: Bahraini	23	**4.2**	*0.88*	0.44	*0.12*	10	**1.8**	*0.58*	0.36	*0.12*
China, Guangzhou City	514	**9.3**	*0.42*	1.03	*0.06*	120	**1.8**	*0.17*	0.23	*0.03**
China, Hong Kong	2030	**9.4**	*0.21*	1.19	*0.03*	455	**1.7**	*0.09*	0.19	*0.01*
China, Jiashan	254	**20.2**	*1.31*	2.60	*0.19*	70	**4.8**	*0.60*	0.64	*0.09**
China, Nangang District, Harbin City	230	**10.3**	*0.71*	1.08	*0.09*	43	**1.7**	*0.27*	0.22	*0.04*
China, Shanghai	2291	**9.2**	*0.20*	1.01	*0.03*	965	**3.0**	*0.10*	0.34	*0.02**
China, Zhongshan	532	**16.5**	*0.73*	2.04	*0.10*	60	**1.9**	*0.25*	0.27	*0.04**
Cyprus	25	**1.1**	*0.23*	0.12	*0.03*	7	**0.3**	*0.11*	0.03	*0.02**
India, Chennai (Madras)	808	**9.1**	*0.32*	1.14	*0.05*	479	**5.4**	*0.25*	0.66	*0.03*
India, New Delhi	1070	**5.5**	*0.18*	0.68	*0.03*	598	**3.6**	*0.15*	0.45	*0.02**
India, Karunagappally	69	**8.3**	*1.01*	1.12	*0.16*	19	**2.0**	*0.47*	0.21	*0.06*
India, Mumbai (Bombay)	1369	**6.7**	*0.19*	0.83	*0.03*	905	**4.6**	*0.16*	0.55	*0.02*
India, Nagpur	333	**8.7**	*0.49*	1.02	*0.07*	214	**5.7**	*0.40*	0.66	*0.05**
India, Poona	380	**6.1**	*0.33*	0.75	*0.05*	295	**5.0**	*0.29*	0.62	*0.04**
India, Trivandrum	91	**3.5**	*0.37*	0.47	*0.06*	28	**0.9**	*0.18*	0.13	*0.03**
Israel	358	**2.1**	*0.11*	0.24	*0.02*	228	**0.9**	*0.06*	0.10	*0.01*
Israel: Jews	332	**2.1**	*0.12*	0.24	*0.02*	221	**0.9**	*0.07*	0.10	*0.01*
Israel: Non-Jews	15	**1.1**	*0.29*	0.17	*0.05*	7	**0.4**	*0.14*	0.03	*0.02*
Japan, Aichi Prefecture	252	**6.4**	*0.41*	0.80	*0.06*	37	**0.8**	*0.14*	0.10	*0.02*
Japan, Fukui Prefecture	246	**6.0**	*0.40*	0.78	*0.06*	61	**1.1**	*0.16*	0.11	*0.02*
Japan, Hiroshima	503	**12.1**	*0.54*	1.59	*0.08*	106	**2.0**	*0.20*	0.25	*0.03*
Japan, Miyagi Prefecture	1656	**15.4**	*0.39*	1.96	*0.06*	327	**2.2**	*0.14*	0.26	*0.02*
Japan, Nagasaki Prefecture	773	**10.7**	*0.40*	1.39	*0.06*	123	**1.2**	*0.12*	0.14	*0.02*
Japan, Osaka Prefecture	4084	**10.8**	*0.17*	1.37	*0.02*	823	**1.7**	*0.06*	0.19	*0.01*
Japan, Yamagata Prefecture	892	**13.0**	*0.46*	1.70	*0.07*	150	**1.6**	*0.16*	0.19	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Oesophagus (C15) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	6856	**8.3**	*0.10*	1.09	*0.02*	662	**0.6**	*0.02*	0.06	*0.00*
Korea, Busan	620	**8.1**	*0.35*	1.02	*0.05*	75	**0.7**	*0.08*	0.08	*0.01*
Korea, Daegu	397	**8.1**	*0.42*	1.08	*0.07*	49	**0.7**	*0.10*	0.07	*0.01*
Korea, Daejeon	142	**6.0**	*0.52*	0.79	*0.08*	16	**0.5**	*0.12*	0.06	*0.02*
Korea, Gwangju	253	**10.6**	*0.68*	1.26	*0.10*	29	**0.8**	*0.15*	0.08	*0.02*
Korea, Incheon	280	**6.3**	*0.39*	0.83	*0.06*	41	**0.7**	*0.10*	0.08	*0.02*
Korea, Jejudo	51	**7.2**	*1.04*	0.84	*0.14*	7	**0.5**	*0.19*	0.03	*0.02*
Korea, Seoul	1334	**7.1**	*0.21*	0.91	*0.03*	154	**0.6**	*0.05*	0.08	*0.01*
Korea, Ulsan	83	**7.9**	*0.95*	1.07	*0.15*	12	**0.7**	*0.20*	0.08	*0.03*
Kuwait: Kuwaitis	20	**2.2**	*0.50*	0.23	*0.07*	16	**1.6**	*0.41*	0.20	*0.06*
Kuwait: Non-Kuwaitis	14	**1.4**	*0.63*	0.13	*0.08*	3	**0.5**	*0.43*	0.08	*0.07*
Malaysia, Penang	45	**2.5**	*0.37*	0.32	*0.06*	39	**1.7**	*0.28*	0.20	*0.04*
Malaysia, Sarawak	72	**2.2**	*0.26*	0.29	*0.04*	55	**1.7**	*0.23*	0.22	*0.03*
Oman: Omani	41	**2.6**	*0.40*	0.28	*0.06*	41	**2.7**	*0.44*	0.35	*0.07**
Pakistan, South Karachi	174	**6.7**	*0.54*	0.85	*0.08*	166	**8.6**	*0.73*	1.04	*0.10**
Philippines, Manila	195	**3.1**	*0.23*	0.38	*0.04*	61	**0.8**	*0.10*	0.08	*0.01**
Singapore	390	**5.0**	*0.26*	0.61	*0.04*	110	**1.1**	*0.11*	0.12	*0.02*
Singapore: Chinese	352	**5.8**	*0.31*	0.69	*0.05*	94	**1.2**	*0.12*	0.13	*0.02*
Singapore: Indian	25	**3.3**	*0.69*	0.44	*0.10*	11	**2.5**	*0.78*	0.12	*0.06*
Singapore: Malay	13	**1.7**	*0.46*	0.24	*0.07*	5	**0.6**	*0.26*	0.02	*0.02*
Thailand, Chiang Mai	84	**2.2**	*0.24*	0.26	*0.03*	31	**0.7**	*0.13*	0.09	*0.02**
Thailand, Lampang	34	**1.6**	*0.27*	0.17	*0.04*	16	**0.6**	*0.16*	0.09	*0.03**
Thailand, Songkhla	204	**7.8**	*0.55*	1.05	*0.08*	49	**1.7**	*0.24*	0.28	*0.04*
Turkey, Antalya	47	**1.6**	*0.24*	0.21	*0.03*	18	**0.6**	*0.14*	0.05	*0.01**
Turkey, Izmir	182	**2.3**	*0.17*	0.29	*0.02*	95	**1.1**	*0.12*	0.14	*0.02**
Europe										
Austria	1297	**4.5**	*0.13*	0.56	*0.02*	340	**0.8**	*0.05*	0.10	*0.01*
Austria, Tyrol	97	**4.1**	*0.43*	0.47	*0.06*	27	**1.0**	*0.20*	0.12	*0.03*
Austria, Vorarlberg	58	**5.1**	*0.68*	0.67	*0.10*	11	**0.6**	*0.21*	0.07	*0.03*
Belarus	1742	**6.1**	*0.15*	0.76	*0.02*	209	**0.4**	*0.03*	0.04	*0.00**
Belgium, Antwerp	362	**5.2**	*0.28*	0.64	*0.04*	108	**1.1**	*0.13*	0.14	*0.02**
Belgium, Flanders	1274	**6.7**	*0.19*	0.82	*0.03*	373	**1.5**	*0.08*	0.17	*0.01*
Bulgaria	702	**2.2**	*0.09*	0.27	*0.01*	205	**0.5**	*0.04*	0.05	*0.00**
Croatia	943	**5.8**	*0.19*	0.71	*0.03*	213	**0.9**	*0.06*	0.10	*0.01*
Czech Republic	1780	**5.0**	*0.12*	0.60	*0.02*	319	**0.6**	*0.04*	0.06	*0.00*
Denmark	1329	**6.1**	*0.17*	0.75	*0.03*	518	**1.8**	*0.09*	0.23	*0.01*
Estonia	224	**5.1**	*0.34*	0.66	*0.05*	48	**0.5**	*0.08*	0.07	*0.01*
Finland	700	**3.4**	*0.13*	0.41	*0.02*	399	**1.1**	*0.06*	0.12	*0.01*
France, Bas-Rhin	370	**10.9**	*0.58*	1.43	*0.08*	38	**0.9**	*0.16*	0.11	*0.02*
France, Calvados	327	**14.6**	*0.84*	1.83	*0.12*	78	**2.1**	*0.27*	0.26	*0.04*
France, Doubs	161	**9.0**	*0.73*	1.10	*0.10*	18	**0.7**	*0.19*	0.09	*0.03*
France, Haut-Rhin	253	**10.1**	*0.64*	1.25	*0.09*	53	**1.4**	*0.21*	0.17	*0.03*
France, Herault	211	**5.9**	*0.43*	0.75	*0.06*	58	**1.2**	*0.18*	0.13	*0.02*
France, Isere	261	**6.7**	*0.43*	0.81	*0.06*	51	**1.0**	*0.15*	0.10	*0.02*
France, Loire-Atlantique	503	**12.7**	*0.59*	1.54	*0.08*	93	**1.6**	*0.19*	0.18	*0.03*
France, Manche	268	**13.1**	*0.85*	1.58	*0.11*	43	**1.6**	*0.30*	0.18	*0.04*
France, Somme	271	**14.1**	*0.89*	1.70	*0.12*	42	**1.5**	*0.26*	0.20	*0.04*
France, Tarn	97	**5.4**	*0.61*	0.64	*0.08*	20	**0.7**	*0.21*	0.07	*0.03*
France, Vendee	237	**10.3**	*0.70*	1.29	*0.10*	33	**1.0**	*0.19*	0.11	*0.03*
Germany, Brandenburg	679	**6.7**	*0.26*	0.81	*0.03*	144	**1.0**	*0.10*	0.12	*0.01*
Germany, Free State of Saxony	1036	**5.7**	*0.18*	0.70	*0.02*	271	**0.9**	*0.06*	0.10	*0.01*
Germany, Hamburg	456	**6.6**	*0.31*	0.84	*0.04*	172	**1.8**	*0.15*	0.21	*0.02*
Germany, Mecklenburg-Western Pomerania	513	**7.7**	*0.35*	0.92	*0.04*	117	**1.1**	*0.12*	0.13	*0.02*
Germany, Munich	553	**6.0**	*0.26*	0.73	*0.04*	147	**1.2**	*0.10*	0.14	*0.01*
Germany, Northrhine-Westphalia: Munster	680	**6.8**	*0.27*	0.85	*0.04*	206	**1.6**	*0.12*	0.19	*0.02*
Germany, Saarland	302	**6.8**	*0.40*	0.85	*0.05*	85	**1.5**	*0.17*	0.19	*0.02*
Iceland	49	**5.2**	*0.77*	0.59	*0.11*	16	**1.3**	*0.35*	0.18	*0.06*
Ireland	941	**7.6**	*0.25*	0.91	*0.04*	597	**3.5**	*0.16*	0.38	*0.02*
Italy, Biella Province	42	**4.8**	*0.78*	0.60	*0.10*	19	**1.3**	*0.33*	0.15	*0.05*
Italy, Brescia Province	170	**7.1**	*0.55*	0.98	*0.08*	40	**1.2**	*0.21*	0.16	*0.03*
Italy, Ferrara Province	71	**4.1**	*0.51*	0.54	*0.07*	20	**0.6**	*0.16*	0.06	*0.02*
Italy, Florence and Prato	134	**2.2**	*0.20*	0.24	*0.03*	54	**0.5**	*0.09*	0.06	*0.01*
Italy, Genoa Province	92	**3.0**	*0.34*	0.39	*0.05*	37	**0.8**	*0.15*	0.08	*0.02*
Italy, Macerata Province	12	**1.3**	*0.40*	0.19	*0.06*	5	**0.2**	*0.10*	0.02	*0.02*
Italy, Milan	181	**3.7**	*0.29*	0.44	*0.04*	81	**0.9**	*0.12*	0.09	*0.02*
Italy, Modena Province	62	**2.1**	*0.28*	0.27	*0.04*	27	**0.6**	*0.13*	0.05	*0.02*
Italy, Naples	36	**2.4**	*0.40*	0.28	*0.05*	13	**0.7**	*0.20*	0.09	*0.03*
Italy, North East Cancer Surveillance Network	748	**8.0**	*0.30*	1.02	*0.04*	198	**1.3**	*0.11*	0.15	*0.02*
Italy, Parma Province	87	**4.2**	*0.48*	0.54	*0.07*	37	**1.3**	*0.26*	0.18	*0.04*
Italy, Ragusa Province	13	**0.9**	*0.28*	0.10	*0.04*	4	**0.2**	*0.09*	0.01	*0.01*
Italy, Reggio Emilia Province	53	**2.5**	*0.36*	0.32	*0.05*	19	**0.6**	*0.16*	0.06	*0.02*
Italy, Romagna Region	94	**1.8**	*0.20*	0.22	*0.03*	35	**0.4**	*0.09*	0.05	*0.01*
Italy, Salerno Province	63	**1.8**	*0.24*	0.23	*0.03*	16	**0.3**	*0.08*	0.03	*0.01*
Italy, Sassari Province	79	**4.3**	*0.50*	0.53	*0.07*	12	**0.5**	*0.16*	0.06	*0.02*
Italy, Syracuse Province	19	**1.3**	*0.33*	0.13	*0.04*	6	**0.5**	*0.20*	0.06	*0.03*
Italy, Sondrio	49	**6.7**	*0.97*	0.85	*0.14*	14	**1.4**	*0.41*	0.21	*0.07*
Italy, Torino	133	**3.0**	*0.27*	0.39	*0.04*	54	**0.8**	*0.13*	0.10	*0.02*
Italy, Umbria Region	95	**2.1**	*0.23*	0.27	*0.03*	29	**0.5**	*0.10*	0.04	*0.01*
Italy, Varese Province	100	**4.8**	*0.49*	0.65	*0.07*	27	**0.7**	*0.16*	0.09	*0.02*
Italy, Veneto Region	452	**6.6**	*0.32*	0.85	*0.05*	144	**1.3**	*0.13*	0.15	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Oesophagus (C15) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	435	**5.8**	*0.28*	0.73	*0.04*	76	**0.5**	*0.07*	0.05	*0.01*
Lithuania	707	**6.8**	*0.26*	0.83	*0.03*	103	**0.6**	*0.06*	0.07	*0.01*
Malta	39	**2.8**	*0.46*	0.35	*0.07*	11	**0.6**	*0.18*	0.05	*0.02*
Norway	600	**3.3**	*0.14*	0.41	*0.02*	252	**1.0**	*0.08*	0.12	*0.01*
Poland, Cracow	115	**4.7**	*0.44*	0.58	*0.06*	30	**0.7**	*0.14*	0.08	*0.02**
Poland, Kielce	166	**4.0**	*0.32*	0.50	*0.04*	42	**0.7**	*0.11*	0.07	*0.01*
Poland, Warsaw City	210	**3.6**	*0.26*	0.46	*0.03*	63	**0.7**	*0.09*	0.08	*0.01*
Portugal, Porto	740	**7.4**	*0.29*	0.86	*0.04*	203	**1.3**	*0.10*	0.15	*0.01**
Portugal, South Regional	578	**5.5**	*0.24*	0.64	*0.03*	106	**0.6**	*0.06*	0.05	*0.01*
Russia, St Petersburg	1077	**7.7**	*0.24*	0.96	*0.03*	446	**1.4**	*0.07*	0.13	*0.01*
Serbia	549	**3.1**	*0.13*	0.40	*0.02*	165	**0.8**	*0.07*	0.09	*0.01*
Slovak Republic	1253	**8.2**	*0.23*	1.01	*0.03*	128	**0.6**	*0.05*	0.06	*0.01*
Slovenia	371	**5.4**	*0.28*	0.68	*0.04*	93	**0.9**	*0.10*	0.10	*0.01*
Spain, Albacete	43	**3.8**	*0.62*	0.44	*0.08*	5	**0.2**	*0.08*	0.01	*0.01*
Spain, Asturias	311	**7.0**	*0.42*	0.84	*0.05*	40	**0.5**	*0.10*	0.05	*0.01*
Spain, Basque Country	576	**8.6**	*0.37*	1.04	*0.05*	75	**0.8**	*0.11*	0.08	*0.01*
Spain, Canary Islands	355	**8.1**	*0.43*	1.02	*0.06*	55	**0.9**	*0.13*	0.10	*0.02*
Spain, Cuenca	36	**3.4**	*0.67*	0.40	*0.08*	4	**0.4**	*0.26*	0.04	*0.03*
Spain, Girona	143	**6.7**	*0.58*	0.81	*0.08*	25	**0.9**	*0.20*	0.12	*0.03*
Spain, Granada	103	**3.6**	*0.37*	0.43	*0.05*	20	**0.4**	*0.09*	0.03	*0.01*
Spain, Murcia	148	**4.0**	*0.34*	0.47	*0.04*	24	**0.4**	*0.09*	0.03	*0.01*
Spain, Navarra	101	**4.9**	*0.50*	0.58	*0.06*	20	**0.6**	*0.17*	0.07	*0.02*
Spain, Tarragona	109	**5.6**	*0.57*	0.67	*0.08*	12	**0.5**	*0.16*	0.06	*0.02*
Spain, Zaragoza	156	**4.6**	*0.38*	0.53	*0.05*	20	**0.4**	*0.10*	0.04	*0.01*
Sweden	1345	**3.4**	*0.10*	0.43	*0.01*	596	**1.1**	*0.05*	0.13	*0.01*
Switzerland, Geneva	125	**8.3**	*0.76*	1.08	*0.11*	55	**2.4**	*0.36*	0.27	*0.05*
Switzerland, Graubunden and Glarus	57	**6.6**	*0.91*	0.80	*0.12*	13	**1.2**	*0.38*	0.15	*0.05*
Switzerland, Neuchatel	44	**6.9**	*1.07*	0.85	*0.15*	15	**1.6**	*0.48*	0.17	*0.06*
Switzerland, St Gall-Appenzell	96	**5.3**	*0.56*	0.67	*0.08*	17	**0.6**	*0.16*	0.06	*0.02*
Switzerland, Ticino	87	**6.5**	*0.71*	0.82	*0.11*	27	**1.5**	*0.33*	0.17	*0.04*
Switzerland, Valais	76	**7.1**	*0.84*	0.81	*0.11*	20	**1.4**	*0.35*	0.17	*0.05*
Switzerland, Vaud	221	**9.3**	*0.65*	1.18	*0.10*	69	**2.2**	*0.29*	0.26	*0.04*
The Netherlands	4306	**7.3**	*0.11*	0.90	*0.02*	1796	**2.3**	*0.06*	0.27	*0.01*
The Netherlands, Eindhoven	237	**6.5**	*0.43*	0.78	*0.06*	85	**1.9**	*0.22*	0.22	*0.03*
The Netherlands, Maastricht	204	**5.7**	*0.41*	0.67	*0.06*	61	**1.5**	*0.21*	0.16	*0.03*
UK, East of England Region	995	**7.8**	*0.26*	0.90	*0.04*	602	**3.3**	*0.16*	0.36	*0.02*
UK, England, Merseyside and Cheshire	1046	**10.3**	*0.33*	1.20	*0.05*	692	**4.6**	*0.20*	0.52	*0.03*
UK, England, North Western	1708	**10.0**	*0.25*	1.19	*0.04*	992	**3.8**	*0.14*	0.43	*0.02*
UK, England, Northern and Yorkshire	2367	**8.5**	*0.18*	1.03	*0.03*	1525	**3.6**	*0.11*	0.40	*0.02*
UK, England, Oxford Region	861	**8.2**	*0.29*	0.99	*0.04*	483	**3.3**	*0.17*	0.37	*0.03*
UK, England, South and Western Regions	2824	**8.8**	*0.18*	1.03	*0.03*	1791	**3.6**	*0.10*	0.39	*0.02*
UK, England, Thames	4622	**8.4**	*0.13*	0.99	*0.02*	2878	**3.3**	*0.07*	0.37	*0.01*
UK, England, Trent	2032	**9.7**	*0.23*	1.13	*0.03*	1176	**3.8**	*0.13*	0.41	*0.02*
UK, England, West Midlands	1918	**8.4**	*0.20*	1.00	*0.03*	1347	**4.1**	*0.13*	0.46	*0.02*
UK, Northern Ireland	455	**7.9**	*0.38*	0.91	*0.05*	304	**3.4**	*0.22*	0.40	*0.03*
UK, Scotland	2391	**11.7**	*0.25*	1.43	*0.04*	1524	**4.7**	*0.14*	0.53	*0.02*
Oceania										
Australia, New South Wales	1123	**4.7**	*0.14*	0.56	*0.02*	664	**2.0**	*0.09*	0.22	*0.01*
Australia, Northern Territory	29	**7.7**	*1.54*	0.78	*0.19*	10	**3.1**	*1.02*	0.27	*0.12*
Australia, Queensland	682	**5.4**	*0.22*	0.68	*0.03*	293	**1.8**	*0.12*	0.21	*0.02*
Australia, South	308	**5.2**	*0.31*	0.60	*0.04*	161	**2.1**	*0.18*	0.24	*0.03*
Australia, Tasmania	135	**7.6**	*0.68*	0.97	*0.10*	59	**2.2**	*0.33*	0.26	*0.05*
Australia, Victoria	856	**4.8**	*0.17*	0.56	*0.02*	484	**1.9**	*0.10*	0.20	*0.01*
Australia, Western	326	**5.1**	*0.29*	0.62	*0.04*	158	**2.0**	*0.18*	0.25	*0.03*
Australian Capital Territory	45	**5.2**	*0.79*	0.51	*0.11*	25	**2.3**	*0.50*	0.27	*0.08*
French Polynesia	39	**9.3**	*1.53*	1.10	*0.21*	4	**1.1**	*0.55*	0.13	*0.08*
New Zealand	694	**5.2**	*0.20*	0.61	*0.03*	370	**1.9**	*0.11*	0.21	*0.02*
USA, Hawaii	190	**4.6**	*0.35*	0.58	*0.05*	43	**0.8**	*0.13*	0.10	*0.02*
USA, Hawaii: Chinese	18	**5.4**	*1.37*	0.70	*0.19*	0	**-**	-	-	-
USA, Hawaii: Filipino	12	**1.7**	*0.51*	0.23	*0.09*	7	**0.9**	*0.33*	0.13	*0.06*
USA, Hawaii: Hawaiian	33	**7.1**	*1.26*	0.84	*0.17*	9	**1.8**	*0.61*	0.22	*0.08*
USA, Hawaii: Japanese	68	**6.0**	*0.81*	0.79	*0.11*	9	**0.7**	*0.35*	0.06	*0.03*
USA, Hawaii: White	45	**3.8**	*0.60*	0.48	*0.09*	17	**1.0**	*0.27*	0.14	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Stomach (C16)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	147	**7.1**	*0.62*	-	-	71	**3.1**	*0.37*	-	- *
Egypt, Gharbiah	147	**3.3**	*0.29*	-	-	111	**2.0**	*0.20*	-	-
Tunisia, Centre, Sousse	51	**5.1**	*0.73*	-	-	25	**2.5**	*0.50*	-	- *
Uganda, Kyadondo County	59	**6.2**	*0.92*	-	-	64	**6.9**	*0.94*	-	- *
Zimbabwe, Harare: African	129	**9.0**	*0.92*	-	-	102	**9.2**	*1.02*	-	- *
America, Central and South										
Argentina, Bahia Blanca	120	**13.4**	*1.29*	1.48	*0.18*	83	**7.0**	*0.85*	0.76	*0.11*
Brazil, Brasilia	575	**29.0**	*1.30*	3.32	*0.19*	343	**13.2**	*0.76*	1.53	*0.11*
Brazil, Cuiaba	119	**19.2**	*1.84*	2.31	*0.28*	70	**9.4**	*1.16*	0.86	*0.15*
Brazil, Goiania	259	**19.0**	*1.21*	2.21	*0.18*	167	**9.0**	*0.72*	0.90	*0.10*
Brazil, Sao Paulo	5895	**29.4**	*0.40*	3.43	*0.06*	3600	**12.4**	*0.22*	1.37	*0.03*
Chile, Valdivia	381	**43.1**	*2.24*	5.24	*0.34*	182	**16.0**	*1.22*	1.62	*0.17*
Colombia, Cali	935	**27.4**	*0.93*	3.36	*0.14*	736	**15.9**	*0.62*	1.81	*0.09*
Costa Rica	2444	**33.2**	*0.69*	3.77	*0.10*	1438	**17.3**	*0.47*	1.84	*0.07*
Ecuador, Quito	599	**21.8**	*0.93*	2.56	*0.14*	484	**13.8**	*0.67*	1.48	*0.10*
France, La Martinique	236	**18.7**	*1.26*	2.23	*0.19*	157	**8.7**	*0.76*	1.00	*0.11*
Peru, Trujillo	222	**25.2**	*1.73*	2.94	*0.27*	187	**16.5**	*1.25*	2.03	*0.20**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	6653	**7.9**	*0.10*	0.91	*0.01*	3736	**3.5**	*0.06*	0.39	*0.01*
Canada, Alberta	702	**7.5**	*0.29*	0.83	*0.04*	431	**3.7**	*0.20*	0.43	*0.03*
Canada, British Columbia	1144	**7.1**	*0.22*	0.82	*0.03*	650	**3.2**	*0.14*	0.35	*0.02*
Canada, Manitoba	363	**8.1**	*0.45*	0.92	*0.07*	200	**3.3**	*0.27*	0.35	*0.04*
Canada, New Brunswick	247	**8.7**	*0.58*	1.01	*0.09*	131	**3.3**	*0.33*	0.35	*0.05*
Canada, Newfoundland and Labrador	257	**13.4**	*0.86*	1.65	*0.13*	110	**4.8**	*0.52*	0.53	*0.07*
Canada, Northwest Territories	8	**10.9**	*4.04*	1.71	*0.75*	5	**7.3**	*3.49*	0.99	*0.52*
Canada, Nova Scotia	296	**8.2**	*0.50*	0.96	*0.07*	172	**3.5**	*0.31*	0.42	*0.05*
Canada, Ontario	3300	**7.9**	*0.14*	0.92	*0.02*	1832	**3.4**	*0.09*	0.39	*0.01*
Canada, Prince Edward Island	30	**5.5**	*1.06*	0.71	*0.17*	18	**2.1**	*0.57*	0.19	*0.08*
Canada, Saskatchewan	306	**7.3**	*0.45*	0.85	*0.07*	187	**3.4**	*0.29*	0.40	*0.04*
USA, Alabama	896	**5.8**	*0.20*	0.68	*0.03*	640	**2.8**	*0.13*	0.31	*0.02*
USA, Alabama: Black	320	**11.6**	*0.67*	1.40	*0.10*	197	**4.1**	*0.32*	0.43	*0.05*
USA, Alabama: White	563	**4.4**	*0.19*	0.51	*0.03*	435	**2.4**	*0.13*	0.27	*0.02*
USA, Alaska	116	**8.3**	*0.80*	0.95	*0.12*	64	**4.4**	*0.58*	0.56	*0.09*
USA, Arizona	955	**5.1**	*0.18*	0.62	*0.03*	525	**2.3**	*0.11*	0.26	*0.02*
USA, California	7725	**7.3**	*0.09*	0.86	*0.01*	5064	**3.7**	*0.06*	0.42	*0.01*
USA, California: Asian and Pacific Islander	1312	**11.1**	*0.32*	1.26	*0.05*	970	**6.3**	*0.21*	0.68	*0.03*
USA, California: Black	595	**10.2**	*0.43*	1.19	*0.06*	439	**5.3**	*0.27*	0.59	*0.04*
USA, California: Hispanic White	1638	**10.3**	*0.27*	1.19	*0.04*	1241	**6.0**	*0.18*	0.66	*0.03*
USA, California: Non-Hispanic White	4112	**5.8**	*0.10*	0.68	*0.01*	2379	**2.5**	*0.06*	0.28	*0.01*
USA, California, Greater San Francisco Bay Area	1610	**7.6**	*0.20*	0.91	*0.03*	1071	**3.8**	*0.13*	0.43	*0.02*
USA, California, Greater San Francisco Bay Area: Black	153	**11.5**	*0.96*	1.40	*0.15*	105	**5.7**	*0.60*	0.67	*0.09*
USA, California, Greater San Francisco Bay Area: Chinese	204	**11.4**	*0.84*	1.25	*0.12*	142	**6.4**	*0.58*	0.65	*0.08*
USA, California, Greater San Francisco Bay Area: Filipino	38	**4.2**	*0.70*	0.48	*0.10*	39	**3.0**	*0.50*	0.34	*0.07*
USA, California, Greater San Francisco Bay Area: Japanese	57	**14.3**	*2.14*	1.41	*0.30*	61	**10.8**	*1.56*	1.38	*0.23*
USA, California, Greater San Francisco Bay Area: Hispanic White	222	**10.3**	*0.72*	1.19	*0.11*	165	**5.7**	*0.47*	0.59	*0.07*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	785	**5.8**	*0.22*	0.72	*0.03*	467	**2.4**	*0.13*	0.27	*0.02*
USA, California, Los Angeles County	2393	**8.8**	*0.19*	1.03	*0.03*	1748	**4.9**	*0.13*	0.56	*0.02*
USA, California, Los Angeles County: Black	261	**10.1**	*0.64*	1.16	*0.09*	217	**5.5**	*0.40*	0.61	*0.06*
USA, California, Los Angeles County: Chinese	121	**9.8**	*0.94*	1.06	*0.14*	105	**7.2**	*0.75*	0.71	*0.10*
USA, California, Los Angeles County: Filipino	45	**5.2**	*0.80*	0.62	*0.13*	27	**2.3**	*0.46*	0.20	*0.06*
USA, California, Los Angeles County: Japanese	107	**17.1**	*1.86*	1.88	*0.26*	70	**9.4**	*1.27*	1.10	*0.17*
USA, California, Los Angeles County: Korean	177	**33.0**	*2.52*	4.16	*0.40*	137	**18.3**	*1.63*	1.92	*0.22*
USA, California, Los Angeles County: Hispanic White	672	**10.9**	*0.44*	1.25	*0.07*	557	**6.6**	*0.29*	0.73	*0.04*
USA, California, Los Angeles County: Non-Hispanic White	940	**6.5**	*0.23*	0.77	*0.03*	591	**3.1**	*0.15*	0.37	*0.02*
USA, Colorado	634	**5.0**	*0.20*	0.60	*0.03*	427	**2.5**	*0.13*	0.28	*0.02*
USA, Connecticut	1033	**8.0**	*0.26*	0.92	*0.04*	647	**3.3**	*0.15*	0.37	*0.02*
USA, Connecticut: Black	96	**13.4**	*1.39*	1.43	*0.20*	49	**4.8**	*0.72*	0.56	*0.11*
USA, Connecticut: White	916	**7.6**	*0.27*	0.88	*0.04*	592	**3.2**	*0.16*	0.35	*0.02*
USA, District of Columbia	154	**8.6**	*0.73*	1.04	*0.11*	149	**5.1**	*0.48*	0.55	*0.07*
USA, District of Columbia: Black	116	**10.4**	*1.01*	1.25	*0.14*	117	**5.8**	*0.61*	0.59	*0.08*
USA, District of Columbia: White	30	**4.9**	*0.97*	0.53	*0.14*	23	**2.6**	*0.62*	0.29	*0.09*
USA, Florida	4540	**6.2**	*0.10*	0.71	*0.01*	2685	**2.7**	*0.06*	0.30	*0.01*
USA, Florida: Black	624	**11.6**	*0.47*	1.31	*0.07*	429	**5.4**	*0.27*	0.57	*0.04*
USA, Florida: White	3851	**5.7**	*0.10*	0.66	*0.01*	2205	**2.5**	*0.06*	0.26	*0.01*
USA, Georgia	1314	**5.7**	*0.16*	0.68	*0.02*	954	**2.9**	*0.10*	0.33	*0.01*
USA, Georgia: Black	477	**10.5**	*0.50*	1.22	*0.07*	386	**5.2**	*0.29*	0.57	*0.04*
USA, Georgia: White	792	**4.4**	*0.16*	0.53	*0.02*	541	**2.2**	*0.10*	0.25	*0.01*
USA, Georgia, Atlanta	377	**5.6**	*0.30*	0.68	*0.05*	297	**3.1**	*0.19*	0.35	*0.03*
USA, Georgia, Atlanta: Black	163	**10.3**	*0.85*	1.24	*0.14*	136	**5.1**	*0.47*	0.57	*0.07*
USA, Georgia, Atlanta: White	179	**3.7**	*0.28*	0.44	*0.04*	144	**2.1**	*0.19*	0.24	*0.03*
USA, Idaho	199	**4.6**	*0.34*	0.54	*0.05*	131	**2.4**	*0.24*	0.27	*0.03*
USA, Illinois	2842	**7.0**	*0.14*	0.82	*0.02*	1904	**3.1**	*0.08*	0.33	*0.01*
USA, Illinois: Black	498	**11.6**	*0.53*	1.40	*0.08*	377	**5.3**	*0.29*	0.55	*0.04*
USA, Illinois: White	2194	**6.1**	*0.14*	0.72	*0.02*	1430	**2.7**	*0.08*	0.28	*0.01*
USA, Indiana	1052	**5.1**	*0.16*	0.59	*0.02*	631	**2.1**	*0.10*	0.23	*0.01*
USA, Iowa	573	**5.1**	*0.23*	0.60	*0.03*	329	**2.0**	*0.13*	0.22	*0.02*
USA, Kentucky	792	**5.8**	*0.21*	0.70	*0.03*	460	**2.4**	*0.12*	0.27	*0.02*
USA, Louisiana	1016	**7.1**	*0.23*	0.81	*0.03*	719	**3.5**	*0.15*	0.40	*0.02*
USA, Louisiana: Black	410	**12.2**	*0.62*	1.39	*0.09*	331	**6.4**	*0.38*	0.71	*0.06*
USA, Louisiana: White	592	**5.5**	*0.23*	0.62	*0.03*	378	**2.5**	*0.15*	0.29	*0.02*
USA, Louisiana, New Orleans: Black	117	**12.0**	*1.14*	1.36	*0.16*	84	**5.3**	*0.61*	0.58	*0.09*
USA, Louisiana, New Orleans: White	136	**6.4**	*0.58*	0.77	*0.08*	92	**2.8**	*0.34*	0.32	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Stomach (C16) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	334	**6.6**	*0.38*	0.82	*0.06*	181	**2.4**	*0.21*	0.27	*0.03*
USA, Massachusetts	1654	**7.2**	*0.19*	0.83	*0.03*	1087	**3.0**	*0.11*	0.34	*0.02*
USA, Michigan	2091	**6.1**	*0.14*	0.71	*0.02*	1359	**2.8**	*0.09*	0.29	*0.01*
USA, Michigan: Black	373	**11.0**	*0.59*	1.26	*0.09*	313	**5.7**	*0.35*	0.57	*0.05*
USA, Michigan: White	1681	**5.5**	*0.14*	0.64	*0.02*	1017	**2.3**	*0.08*	0.25	*0.01*
USA, Michigan, Detroit	1072	**7.9**	*0.26*	0.93	*0.04*	751	**3.6**	*0.15*	0.37	*0.02*
USA, Michigan, Detroit: Black	283	**11.2**	*0.70*	1.29	*0.10*	254	**6.0**	*0.41*	0.62	*0.06*
USA, Michigan, Detroit: White	768	**7.1**	*0.27*	0.84	*0.04*	490	**2.9**	*0.16*	0.30	*0.02*
USA, Missouri	1056	**5.3**	*0.17*	0.63	*0.02*	615	**2.2**	*0.10*	0.24	*0.01*
USA, Missouri: Black	148	**10.4**	*0.87*	1.27	*0.13*	102	**4.4**	*0.47*	0.46	*0.06*
USA, Missouri: White	881	**4.8**	*0.17*	0.57	*0.02*	493	**1.9**	*0.10*	0.21	*0.01*
USA, Montana	203	**5.7**	*0.42*	0.66	*0.06*	115	**2.6**	*0.28*	0.29	*0.04*
USA, NPCR	50995	**6.6**	*0.03*	0.77	*0.00*	32695	**3.0**	*0.02*	0.34	*0.00*
USA, NPCR: Black	6864	**10.9**	*0.13*	1.27	*0.02*	5303	**5.3**	*0.08*	0.58	*0.01*
USA, NPCR: White	40907	**6.0**	*0.03*	0.70	*0.00*	25097	**2.6**	*0.02*	0.29	*0.00*
USA, New Jersey	2581	**8.7**	*0.18*	1.03	*0.03*	1653	**3.7**	*0.11*	0.42	*0.02*
USA, New Jersey: Black	343	**12.3**	*0.67*	1.49	*0.10*	254	**5.9**	*0.38*	0.66	*0.06*
USA, New Jersey: White	2090	**8.0**	*0.19*	0.95	*0.03*	1295	**3.3**	*0.11*	0.36	*0.02*
USA, New Mexico	397	**6.4**	*0.33*	0.74	*0.05*	248	**3.4**	*0.23*	0.39	*0.03*
USA, New Mexico: American Indian	41	**11.8**	*1.90*	1.42	*0.29*	36	**7.8**	*1.34*	0.87	*0.20*
USA, New Mexico: Hispanic White	180	**9.5**	*0.72*	1.08	*0.11*	130	**5.7**	*0.53*	0.64	*0.07*
USA, New Mexico: Non-Hispanic White	168	**4.4**	*0.36*	0.51	*0.05*	74	**1.7**	*0.22*	0.20	*0.03*
USA, New York State	5747	**8.7**	*0.12*	1.00	*0.02*	4025	**4.1**	*0.07*	0.46	*0.01*
USA, New York State: Black	796	**11.7**	*0.42*	1.36	*0.06*	763	**6.5**	*0.25*	0.71	*0.04*
USA, New York State: White	4514	**8.0**	*0.13*	0.92	*0.02*	2988	**3.6**	*0.08*	0.40	*0.01*
USA, Ohio	2267	**5.5**	*0.12*	0.63	*0.02*	1469	**2.4**	*0.07*	0.28	*0.01*
USA, Ohio: Black	326	**9.8**	*0.56*	1.15	*0.08*	253	**4.6**	*0.31*	0.49	*0.05*
USA, Ohio: White	1866	**4.9**	*0.12*	0.56	*0.02*	1164	**2.1**	*0.07*	0.24	*0.01*
USA, Oklahoma	603	**4.9**	*0.21*	0.59	*0.03*	364	**2.0**	*0.12*	0.22	*0.02*
USA, Oregon	686	**5.3**	*0.22*	0.61	*0.03*	353	**2.1**	*0.13*	0.24	*0.02*
USA, Pennsylvania	3454	**7.0**	*0.13*	0.83	*0.02*	2193	**2.9**	*0.07*	0.32	*0.01*
USA, Pennsylvania: Black	365	**11.2**	*0.60*	1.26	*0.09*	297	**5.5**	*0.35*	0.61	*0.05*
USA, Pennsylvania: White	2987	**6.6**	*0.13*	0.78	*0.02*	1845	**2.6**	*0.07*	0.28	*0.01*
USA, Rhode Island	320	**7.6**	*0.46*	0.84	*0.07*	242	**3.8**	*0.30*	0.42	*0.04*
USA, SEER (9 Registries)	6215	**7.0**	*0.09*	0.82	*0.01*	4040	**3.2**	*0.06*	0.36	*0.01*
USA, SEER (9 Registries): Black	738	**11.0**	*0.42*	1.28	*0.06*	580	**5.6**	*0.25*	0.60	*0.04*
USA, SEER (9 Registries): White	4457	**6.0**	*0.10*	0.70	*0.01*	2718	**2.6**	*0.06*	0.29	*0.01*
USA, SEER (14 Registries)	17304	**7.2**	*0.06*	0.85	*0.01*	11269	**3.4**	*0.04*	0.39	*0.01*
USA, SEER (14 Registries): Asian and Pacific Islander	2093	**11.5**	*0.26*	1.32	*0.04*	1532	**6.4**	*0.17*	0.69	*0.02*
USA, SEER (14 Registries): Black	2025	**11.0**	*0.25*	1.28	*0.04*	1564	**5.6**	*0.15*	0.62	*0.02*
USA, SEER (14 Registries): Hispanic White	2196	**10.3**	*0.23*	1.20	*0.03*	1623	**5.9**	*0.15*	0.66	*0.02*
USA, SEER (14 Registries): Non-Hispanic White	10779	**5.9**	*0.06*	0.70	*0.01*	6413	**2.5**	*0.04*	0.28	*0.01*
USA, South Carolina	895	**6.7**	*0.23*	0.79	*0.03*	544	**2.8**	*0.13*	0.29	*0.02*
USA, South Carolina: Black	365	**12.8**	*0.69*	1.51	*0.10*	230	**4.9**	*0.35*	0.53	*0.05*
USA, South Carolina: White	517	**4.9**	*0.22*	0.59	*0.03*	307	**2.1**	*0.13*	0.22	*0.02*
USA, Texas	3861	**6.4**	*0.11*	0.74	*0.02*	2519	**3.2**	*0.07*	0.36	*0.01*
USA, Texas: Black	556	**10.6**	*0.46*	1.17	*0.07*	423	**5.4**	*0.28*	0.60	*0.04*
USA, Texas: White	3189	**5.9**	*0.11*	0.70	*0.02*	2009	**2.9**	*0.07*	0.33	*0.01*
USA, Utah	265	**4.5**	*0.29*	0.49	*0.04*	175	**2.4**	*0.19*	0.29	*0.03*
USA, Vermont	119	**5.3**	*0.51*	0.63	*0.08*	65	**2.1**	*0.31*	0.22	*0.04*
USA, Washington State	1194	**6.0**	*0.18*	0.69	*0.03*	688	**2.7**	*0.12*	0.32	*0.02*
USA, Washington, Seattle	855	**6.4**	*0.23*	0.74	*0.03*	489	**2.9**	*0.15*	0.34	*0.02*
USA, West Virginia	379	**5.1**	*0.27*	0.56	*0.04*	227	**2.1**	*0.16*	0.24	*0.02*
USA, Wisconsin	1213	**6.3**	*0.19*	0.75	*0.03*	650	**2.4**	*0.11*	0.28	*0.02*
Asia										
Bahrain: Bahraini	47	**8.5**	*1.26*	0.97	*0.18*	31	**5.4**	*0.99*	0.88	*0.18*
China, Guangzhou City	917	**17.0**	*0.58*	1.92	*0.08*	487	**7.6**	*0.35*	0.91	*0.05**
China, Hong Kong	3291	**14.7**	*0.26*	1.66	*0.04*	1926	**7.3**	*0.18*	0.76	*0.02*
China, Jiashan	431	**32.1**	*1.56*	4.26	*0.24*	156	**10.6**	*0.88*	1.41	*0.14**
China, Nangang District, Harbin City	585	**24.8**	*1.05*	3.08	*0.15*	295	**11.6**	*0.69*	1.45	*0.10*
China, Shanghai	8367	**34.1**	*0.39*	3.96	*0.06*	4839	**17.2**	*0.27*	1.92	*0.04**
China, Zhongshan	302	**9.4**	*0.55*	1.24	*0.08*	149	**4.2**	*0.36*	0.50	*0.05**
Cyprus	164	**7.0**	*0.56*	0.87	*0.09*	110	**4.3**	*0.43*	0.47	*0.06**
India, Chennai (Madras)	1119	**12.2**	*0.37*	1.53	*0.05*	544	**6.0**	*0.26*	0.74	*0.04*
India, New Delhi	704	**3.4**	*0.14*	0.41	*0.02*	327	**1.7**	*0.10*	0.19	*0.01**
India, Karunagappally	51	**6.1**	*0.86*	0.77	*0.13*	24	**2.6**	*0.54*	0.32	*0.07*
India, Mumbai (Bombay)	961	**4.6**	*0.15*	0.56	*0.02*	477	**2.3**	*0.11*	0.27	*0.02*
India, Nagpur	158	**4.1**	*0.33*	0.49	*0.05*	76	**1.9**	*0.23*	0.22	*0.03**
India, Poona	265	**4.3**	*0.27*	0.49	*0.04*	149	**2.4**	*0.20*	0.26	*0.03**
India, Trivandrum	122	**4.6**	*0.42*	0.59	*0.06*	31	**1.0**	*0.18*	0.15	*0.03**
Israel	2025	**11.6**	*0.27*	1.36	*0.04*	1371	**6.3**	*0.18*	0.69	*0.03*
Israel: Jews	1907	**12.0**	*0.29*	1.41	*0.04*	1279	**6.3**	*0.19*	0.71	*0.03*
Israel: Non-Jews	101	**6.7**	*0.70*	0.77	*0.10*	60	**3.5**	*0.47*	0.37	*0.06*
Japan, Aichi Prefecture	1967	**50.2**	*1.14*	6.05	*0.16*	945	**21.6**	*0.75*	2.52	*0.10*
Japan, Fukui Prefecture	2673	**64.8**	*1.33*	7.83	*0.18*	1492	**27.9**	*0.86*	3.07	*0.11*
Japan, Hiroshima	3377	**80.3**	*1.40*	9.94	*0.21*	1637	**30.2**	*0.80*	3.37	*0.11*
Japan, Miyagi Prefecture	7073	**65.8**	*0.81*	7.90	*0.11*	3249	**24.2**	*0.48*	2.67	*0.06*
Japan, Nagasaki Prefecture	4446	**59.5**	*0.95*	7.21	*0.13*	2317	**22.3**	*0.55*	2.45	*0.07*
Japan, Osaka Prefecture	19306	**51.3**	*0.38*	6.04	*0.05*	9372	**19.8**	*0.22*	2.18	*0.03*
Japan, Yamagata Prefecture	5290	**79.4**	*1.17*	9.72	*0.16*	2799	**31.3**	*0.72*	3.49	*0.09*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors
Stomach (C16) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	57198	**65.9**	*0.28*	8.20	*0.04*	29856	**25.9**	*0.15*	3.05	*0.02*
Korea, Busan	5009	**59.9**	*0.92*	7.38	*0.13*	2617	**23.9**	*0.47*	2.81	*0.07*
Korea, Daegu	3645	**69.2**	*1.21*	8.42	*0.18*	2009	**28.8**	*0.65*	3.43	*0.09*
Korea, Daejeon	1924	**73.8**	*1.78*	9.15	*0.27*	1019	**29.1**	*0.94*	3.42	*0.13*
Korea, Gwangju	1701	**66.6**	*1.69*	8.28	*0.25*	989	**27.5**	*0.89*	3.32	*0.13*
Korea, Incheon	3039	**62.4**	*1.20*	7.86	*0.18*	1474	**22.5**	*0.60*	2.65	*0.09*
Korea, Jejudo	413	**54.3**	*2.75*	6.77	*0.42*	228	**19.8**	*1.37*	2.13	*0.18*
Korea, Seoul	13090	**63.7**	*0.60*	7.71	*0.09*	7165	**27.1**	*0.33*	3.20	*0.05*
Korea, Ulsan	944	**67.4**	*2.48*	7.93	*0.37*	490	**26.8**	*1.28*	3.15	*0.18*
Kuwait: Kuwaitis	31	**3.4**	*0.63*	0.38	*0.09*	30	**2.6**	*0.50*	0.29	*0.08*
Kuwait: Non-Kuwaitis	44	**2.8**	*0.77*	0.25	*0.08*	42	**4.2**	*0.92*	0.38	*0.10*
Malaysia, Penang	225	**12.5**	*0.85*	1.50	*0.13*	181	**8.1**	*0.61*	0.88	*0.08*
Malaysia, Sarawak	420	**12.3**	*0.61*	1.57	*0.09*	220	**6.2**	*0.42*	0.76	*0.06*
Oman: Omani	219	**13.4**	*0.91*	1.68	*0.14*	99	**6.2**	*0.64*	0.80	*0.10**
Pakistan, South Karachi	156	**6.0**	*0.51*	0.73	*0.07*	83	**3.6**	*0.43*	0.37	*0.05**
Philippines, Manila	497	**7.9**	*0.38*	0.93	*0.06*	427	**5.4**	*0.27*	0.61	*0.04**
Singapore	1439	**18.3**	*0.49*	2.05	*0.07*	958	**9.9**	*0.33*	1.07	*0.05*
Singapore: Chinese	1316	**21.5**	*0.60*	2.44	*0.09*	884	**10.8**	*0.37*	1.19	*0.06*
Singapore: Indian	60	**7.8**	*1.06*	0.88	*0.13*	33	**5.9**	*1.05*	0.83	*0.16*
Singapore: Malay	63	**6.5**	*0.85*	0.71	*0.12*	41	**3.8**	*0.62*	0.33	*0.07*
Thailand, Chiang Mai	227	**5.9**	*0.40*	0.70	*0.05*	195	**4.6**	*0.34*	0.56	*0.05**
Thailand, Lampang	120	**5.3**	*0.49*	0.65	*0.07*	81	**3.3**	*0.38*	0.39	*0.05**
Thailand, Songkhla	73	**2.7**	*0.32*	0.30	*0.04*	36	**1.2**	*0.19*	0.16	*0.03*
Turkey, Antalya	310	**10.6**	*0.61*	1.28	*0.09*	162	**5.5**	*0.43*	0.63	*0.06**
Turkey, Izmir	881	**11.0**	*0.38*	1.34	*0.05*	443	**5.1**	*0.25*	0.61	*0.03**
Europe										
Austria	4213	**13.1**	*0.21*	1.44	*0.03*	3733	**7.1**	*0.14*	0.74	*0.02*
Austria, Tyrol	420	**17.1**	*0.86*	1.93	*0.12*	366	**9.5**	*0.56*	1.01	*0.08*
Austria, Vorarlberg	145	**12.4**	*1.05*	1.38	*0.15*	124	**6.7**	*0.67*	0.68	*0.09*
Belarus	10596	**35.7**	*0.35*	4.52	*0.05*	7638	**15.3**	*0.19*	1.85	*0.03**
Belgium, Antwerp	574	**7.5**	*0.33*	0.84	*0.05*	369	**3.6**	*0.21*	0.39	*0.03**
Belgium, Flanders	1940	**9.0**	*0.21*	0.98	*0.03*	1323	**4.3**	*0.14*	0.44	*0.02*
Bulgaria	5898	**17.2**	*0.23*	2.13	*0.03*	3682	**8.3**	*0.15*	0.96	*0.02**
Croatia	3697	**21.8**	*0.37*	2.65	*0.05*	2395	**9.5**	*0.21*	1.06	*0.03*
Czech Republic	5209	**14.1**	*0.20*	1.58	*0.03*	3873	**6.9**	*0.12*	0.74	*0.02*
Denmark	1574	**7.1**	*0.19*	0.84	*0.03*	933	**3.2**	*0.12*	0.36	*0.02*
Estonia	1233	**27.6**	*0.79*	3.46	*0.11*	999	**13.1**	*0.46*	1.56	*0.06*
Finland	2106	**10.2**	*0.23*	1.11	*0.03*	1741	**5.6**	*0.15*	0.60	*0.02*
France, Bas-Rhin	380	**10.5**	*0.55*	1.24	*0.08*	210	**3.7**	*0.29*	0.35	*0.04*
France, Calvados	245	**9.4**	*0.64*	0.99	*0.09*	160	**3.8**	*0.36*	0.36	*0.05*
France, Doubs	183	**9.3**	*0.71*	1.04	*0.10*	97	**3.4**	*0.39*	0.35	*0.05*
France, Haut-Rhin	312	**11.5**	*0.66*	1.34	*0.10*	172	**4.3**	*0.38*	0.47	*0.05*
France, Herault	293	**7.0**	*0.44*	0.78	*0.06*	172	**3.1**	*0.28*	0.35	*0.04*
France, Isere	405	**9.6**	*0.49*	1.06	*0.07*	259	**4.4**	*0.31*	0.48	*0.04*
France, Loire-Atlantique	370	**8.5**	*0.46*	0.96	*0.07*	215	**3.2**	*0.25*	0.34	*0.03*
France, Manche	316	**13.3**	*0.80*	1.43	*0.11*	205	**5.0**	*0.43*	0.49	*0.06*
France, Somme	187	**8.3**	*0.65*	0.86	*0.09*	108	**3.2**	*0.36*	0.35	*0.05*
France, Tarn	151	**7.3**	*0.66*	0.78	*0.09*	68	**2.5**	*0.37*	0.27	*0.05*
France, Vendee	270	**9.8**	*0.64*	1.12	*0.09*	107	**2.5**	*0.29*	0.28	*0.04*
Germany, Brandenburg	1662	**16.2**	*0.40*	1.80	*0.05*	1346	**8.4**	*0.26*	0.90	*0.03*
Germany, Free State of Saxony	3261	**16.4**	*0.29*	1.87	*0.04*	2842	**8.4**	*0.19*	0.89	*0.03*
Germany, Hamburg	844	**11.4**	*0.40*	1.29	*0.06*	697	**5.8**	*0.26*	0.64	*0.04*
Germany, Mecklenburg-Western Pomerania	1339	**19.9**	*0.55*	2.31	*0.08*	1011	**9.1**	*0.32*	0.91	*0.04*
Germany, Munich	1282	**13.0**	*0.37*	1.38	*0.05*	1175	**7.5**	*0.26*	0.78	*0.04*
Germany, Northrhine-Westphalia: Munster	1600	**15.0**	*0.38*	1.66	*0.05*	1241	**7.6**	*0.25*	0.80	*0.03*
Germany, Saarland	657	**13.6**	*0.54*	1.56	*0.08*	521	**6.9**	*0.35*	0.78	*0.05*
Iceland	116	**11.4**	*1.12*	1.29	*0.17*	70	**5.8**	*0.78*	0.64	*0.11*
Ireland	1426	**11.4**	*0.31*	1.35	*0.05*	910	**5.6**	*0.20*	0.63	*0.03*
Italy, Biella Province	151	**14.5**	*1.24*	1.69	*0.18*	112	**7.1**	*0.84*	0.74	*0.11*
Italy, Brescia Province	667	**26.3**	*1.04*	3.06	*0.15*	497	**12.9**	*0.67*	1.39	*0.09*
Italy, Ferrara Province	330	**15.3**	*0.92*	1.75	*0.13*	223	**7.2**	*0.66*	0.75	*0.08*
Italy, Florence and Prato	1488	**21.7**	*0.61*	2.47	*0.09*	1099	**10.8**	*0.40*	1.09	*0.05*
Italy, Genoa Province	457	**13.6**	*0.69*	1.61	*0.10*	356	**7.0**	*0.48*	0.72	*0.06*
Italy, Macerata Province	311	**29.8**	*1.85*	3.41	*0.26*	196	**13.9**	*1.22*	1.48	*0.16*
Italy, Milan	750	**13.7**	*0.52*	1.52	*0.07*	698	**7.9**	*0.36*	0.86	*0.05*
Italy, Modena Province	654	**18.7**	*0.78*	2.17	*0.11*	430	**8.8**	*0.52*	0.90	*0.07*
Italy, Naples	218	**13.9**	*0.95*	1.63	*0.13*	145	**7.9**	*0.68*	0.86	*0.09*
Italy, North East Cancer Surveillance Network	2052	**20.0**	*0.46*	2.33	*0.07*	1529	**9.3**	*0.29*	1.02	*0.04*
Italy, Parma Province	571	**24.1**	*1.10*	2.73	*0.16*	400	**10.8**	*0.68*	1.15	*0.09*
Italy, Ragusa Province	153	**10.8**	*0.94*	1.30	*0.14*	86	**5.1**	*0.64*	0.48	*0.08*
Italy, Reggio Emilia Province	538	**20.7**	*0.96*	2.31	*0.14*	338	**9.4**	*0.64*	1.01	*0.09*
Italy, Romagna Region	1550	**27.0**	*0.74*	3.10	*0.11*	1202	**14.7**	*0.52*	1.59	*0.07*
Italy, Salerno Province	383	**10.8**	*0.58*	1.20	*0.08*	273	**5.8**	*0.39*	0.67	*0.05*
Italy, Sassari Province	180	**9.0**	*0.69*	1.12	*0.10*	121	**4.9**	*0.49*	0.57	*0.07*
Italy, Syracuse Province	141	**10.3**	*0.91*	1.24	*0.13*	76	**4.2**	*0.54*	0.50	*0.08*
Italy, Sondrio	196	**25.7**	*1.89*	2.89	*0.26*	120	**9.6**	*1.02*	1.03	*0.14*
Italy, Torino	624	**13.1**	*0.55*	1.53	*0.08*	431	**6.1**	*0.36*	0.64	*0.05*
Italy, Umbria Region	1135	**23.5**	*0.77*	2.74	*0.11*	823	**12.4**	*0.53*	1.28	*0.07*
Italy, Varese Province	489	**22.3**	*1.03*	2.49	*0.15*	368	**10.8**	*0.66*	1.05	*0.08*
Italy, Veneto Region	1176	**15.7**	*0.48*	1.85	*0.07*	873	**7.3**	*0.29*	0.80	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Stomach (C16) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	1842	**24.0**	*0.56*	2.98	*0.08*	1567	**11.6**	*0.32*	1.38	*0.04*
Lithuania	3018	**27.7**	*0.51*	3.40	*0.07*	2245	**12.4**	*0.28*	1.41	*0.04*
Malta	148	**10.9**	*0.91*	1.42	*0.14*	85	**4.6**	*0.53*	0.56	*0.08*
Norway	1825	**9.1**	*0.23*	1.04	*0.03*	1192	**4.4**	*0.15*	0.51	*0.02*
Poland, Cracow	447	**17.7**	*0.85*	2.18	*0.12*	241	**6.0**	*0.41*	0.70	*0.06**
Poland, Kielce	793	**18.1**	*0.66*	2.24	*0.10*	435	**6.6**	*0.35*	0.73	*0.05*
Poland, Warsaw City	646	**10.2**	*0.41*	1.23	*0.06*	394	**4.2**	*0.23*	0.49	*0.03*
Portugal, Porto	3584	**33.3**	*0.60*	3.88	*0.08*	2428	**17.1**	*0.39*	1.97	*0.05**
Portugal, South Regional	2352	**19.9**	*0.43*	2.30	*0.06*	1563	**9.8**	*0.28*	1.06	*0.04*
Russia, St Petersburg	4592	**32.7**	*0.48*	3.99	*0.07*	4582	**15.9**	*0.26*	1.80	*0.03*
Serbia	2581	**13.9**	*0.28*	1.71	*0.04*	1346	**6.0**	*0.18*	0.71	*0.02*
Slovak Republic	3088	**19.2**	*0.35*	2.26	*0.05*	1913	**7.8**	*0.19*	0.87	*0.03*
Slovenia	1460	**20.9**	*0.55*	2.46	*0.08*	936	**8.8**	*0.31*	1.02	*0.04*
Spain, Albacete	159	**12.7**	*1.10*	1.52	*0.15*	88	**6.0**	*0.77*	0.60	*0.09*
Spain, Asturias	850	**15.8**	*0.58*	1.82	*0.08*	524	**6.5**	*0.34*	0.71	*0.05*
Spain, Basque Country	1401	**19.0**	*0.53*	2.23	*0.07*	722	**7.1**	*0.30*	0.76	*0.04*
Spain, Canary Islands	489	**10.3**	*0.48*	1.21	*0.07*	298	**4.9**	*0.30*	0.48	*0.04*
Spain, Cuenca	168	**12.3**	*1.12*	1.35	*0.15*	79	**5.1**	*0.73*	0.53	*0.09*
Spain, Girona	314	**12.4**	*0.75*	1.53	*0.11*	214	**6.5**	*0.52*	0.72	*0.07*
Spain, Granada	360	**10.9**	*0.61*	1.29	*0.08*	225	**5.6**	*0.42*	0.66	*0.06*
Spain, Murcia	506	**11.9**	*0.55*	1.43	*0.08*	338	**6.0**	*0.37*	0.67	*0.05*
Spain, Navarra	407	**15.8**	*0.84*	1.80	*0.12*	244	**6.7**	*0.52*	0.73	*0.07*
Spain, Tarragona	275	**12.6**	*0.82*	1.44	*0.11*	161	**5.4**	*0.51*	0.56	*0.07*
Spain, Zaragoza	509	**12.3**	*0.58*	1.46	*0.08*	333	**5.6**	*0.36*	0.58	*0.05*
Sweden	3182	**7.2**	*0.14*	0.82	*0.02*	2084	**3.7**	*0.10*	0.41	*0.01*
Switzerland, Geneva	118	**7.9**	*0.75*	1.02	*0.11*	89	**3.7**	*0.44*	0.43	*0.07*
Switzerland, Graubunden and Glarus	115	**11.8**	*1.16*	1.31	*0.17*	59	**4.5**	*0.70*	0.45	*0.09*
Switzerland, Neuchatel	58	**7.9**	*1.09*	0.86	*0.16*	33	**3.0**	*0.63*	0.36	*0.09*
Switzerland, St Gall-Appenzell	186	**9.0**	*0.69*	0.99	*0.10*	120	**4.4**	*0.46*	0.49	*0.06*
Switzerland, Ticino	193	**13.9**	*1.04*	1.56	*0.15*	140	**5.9**	*0.60*	0.62	*0.08*
Switzerland, Valais	140	**12.4**	*1.09*	1.38	*0.16*	68	**4.4**	*0.60*	0.42	*0.08*
Switzerland, Vaud	188	**7.6**	*0.58*	0.88	*0.08*	105	**3.2**	*0.37*	0.33	*0.05*
The Netherlands	6687	**11.0**	*0.14*	1.30	*0.02*	3935	**4.7**	*0.08*	0.54	*0.01*
The Netherlands, Eindhoven	436	**11.5**	*0.56*	1.40	*0.08*	272	**5.7**	*0.37*	0.62	*0.05*
The Netherlands, Maastricht	383	**10.6**	*0.55*	1.29	*0.08*	270	**5.4**	*0.36*	0.60	*0.05*
UK, East of England Region	1341	**10.1**	*0.29*	1.16	*0.04*	658	**3.6**	*0.17*	0.38	*0.02*
UK, England, Merseyside and Cheshire	1434	**13.8**	*0.38*	1.60	*0.06*	829	**5.1**	*0.21*	0.56	*0.03*
UK, England, North Western	2412	**13.7**	*0.29*	1.59	*0.04*	1402	**5.1**	*0.16*	0.54	*0.02*
UK, England, Northern and Yorkshire	4017	**13.6**	*0.23*	1.60	*0.03*	2405	**5.6**	*0.13*	0.62	*0.02*
UK, England, Oxford Region	955	**8.7**	*0.29*	0.96	*0.04*	505	**3.3**	*0.17*	0.34	*0.02*
UK, England, South and Western Regions	3386	**10.0**	*0.18*	1.15	*0.03*	1745	**3.6**	*0.10*	0.39	*0.01*
UK, England, Thames	5543	**9.5**	*0.13*	1.07	*0.02*	3168	**3.6**	*0.08*	0.39	*0.01*
UK, England, Trent	2833	**12.6**	*0.25*	1.48	*0.04*	1534	**4.9**	*0.15*	0.55	*0.02*
UK, England, West Midlands	3084	**13.1**	*0.25*	1.55	*0.04*	1554	**4.6**	*0.14*	0.49	*0.02*
UK, Northern Ireland	780	**12.9**	*0.48*	1.58	*0.07*	507	**5.7**	*0.28*	0.65	*0.04*
UK, Scotland	2740	**12.8**	*0.25*	1.53	*0.04*	1860	**5.8**	*0.15*	0.64	*0.02*
Oceania										
Australia, New South Wales	2083	**8.5**	*0.19*	0.97	*0.03*	1171	**3.8**	*0.12*	0.43	*0.02*
Australia, Northern Territory	22	**6.4**	*1.42*	0.76	*0.21*	13	**3.1**	*0.94*	0.37	*0.15*
Australia, Queensland	1078	**8.3**	*0.26*	0.93	*0.04*	530	**3.5**	*0.17*	0.37	*0.02*
Australia, South	567	**9.2**	*0.41*	1.12	*0.06*	305	**3.7**	*0.24*	0.39	*0.03*
Australia, Tasmania	155	**7.9**	*0.66*	0.93	*0.10*	87	**3.8**	*0.46*	0.37	*0.06*
Australia, Victoria	1751	**9.9**	*0.25*	1.17	*0.04*	1014	**4.4**	*0.16*	0.48	*0.02*
Australia, Western	512	**8.0**	*0.36*	0.92	*0.05*	276	**3.5**	*0.23*	0.41	*0.03*
Australian Capital Territory	71	**8.1**	*0.99*	1.01	*0.15*	46	**4.8**	*0.74*	0.60	*0.11*
French Polynesia	29	**6.8**	*1.30*	0.79	*0.18*	20	**5.0**	*1.13*	0.74	*0.20*
New Zealand	1212	**9.1**	*0.27*	1.01	*0.04*	743	**4.5**	*0.18*	0.53	*0.03*
USA, Hawaii	546	**11.1**	*0.51*	1.34	*0.08*	381	**5.9**	*0.34*	0.61	*0.05*
USA, Hawaii: Chinese	21	**4.6**	*1.15*	0.39	*0.14*	24	**4.1**	*0.97*	0.38	*0.13*
USA, Hawaii: Filipino	63	**8.7**	*1.18*	1.14	*0.18*	34	**4.3**	*0.76*	0.46	*0.10*
USA, Hawaii: Hawaiian	59	**12.8**	*1.69*	1.74	*0.27*	51	**8.3**	*1.19*	0.93	*0.18*
USA, Hawaii: Japanese	285	**17.2**	*1.22*	2.12	*0.18*	191	**7.2**	*0.68*	0.71	*0.09*
USA, Hawaii: White	77	**5.7**	*0.70*	0.56	*0.10*	45	**3.0**	*0.52*	0.32	*0.08*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Small intestine (C17)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	5	**0.3**	*0.13*	-	-	3	**0.1**	*0.08*	-	- *
Egypt, Gharbiah	20	**0.6**	*0.13*	-	-	27	**0.5**	*0.10*	-	-
Tunisia, Centre, Sousse	8	**0.9**	*0.33*	-	-	2	**0.2**	*0.16*	-	- *
Uganda, Kyadondo County	0	**-**	-	-	-	0	**-**	-	-	- *
Zimbabwe, Harare: African	2	**0.1**	*0.07*	-	-	4	**0.2**	*0.08*	-	- *
America, Central and South										
Argentina, Bahia Blanca	4	**0.4**	*0.21*	0.05	*0.03*	3	**0.3**	*0.18*	0.03	*0.02*
Brazil, Brasilia	56	**2.3**	*0.35*	0.26	*0.05*	46	**1.7**	*0.28*	0.19	*0.04*
Brazil, Cuiaba	3	**0.4**	*0.21*	0.04	*0.02*	7	**0.8**	*0.31*	0.08	*0.04*
Brazil, Goiania	12	**0.9**	*0.27*	0.14	*0.05*	10	**0.5**	*0.15*	0.03	*0.01*
Brazil, Sao Paulo	240	**1.2**	*0.08*	0.14	*0.01*	220	**0.8**	*0.06*	0.10	*0.01*
Chile, Valdivia	9	**1.1**	*0.36*	0.13	*0.05*	12	**1.1**	*0.33*	0.13	*0.05*
Colombia, Cali	25	**0.7**	*0.15*	0.09	*0.02*	32	**0.7**	*0.14*	0.08	*0.02*
Costa Rica	37	**0.5**	*0.08*	0.06	*0.01*	32	**0.4**	*0.07*	0.05	*0.01*
Ecuador, Quito	15	**0.6**	*0.15*	0.06	*0.02*	32	**1.0**	*0.19*	0.12	*0.03*
France, La Martinique	11	**0.9**	*0.28*	0.10	*0.04*	12	**0.8**	*0.25*	0.10	*0.03*
Peru, Trujillo	6	**0.8**	*0.31*	0.10	*0.05*	4	**0.4**	*0.20*	0.07	*0.04* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	893	**1.1**	*0.04*	0.13	*0.01*	746	**0.8**	*0.03*	0.09	*0.00*
Canada, Alberta	121	**1.3**	*0.12*	0.16	*0.02*	95	**0.9**	*0.10*	0.11	*0.01*
Canada, British Columbia	122	**0.8**	*0.07*	0.08	*0.01*	91	**0.5**	*0.06*	0.05	*0.01*
Canada, Manitoba	45	**1.1**	*0.18*	0.14	*0.02*	50	**0.8**	*0.14*	0.08	*0.02*
Canada, New Brunswick	20	**0.7**	*0.17*	0.08	*0.02*	26	**0.8**	*0.17*	0.10	*0.03*
Canada, Newfoundland and Labrador	18	**1.0**	*0.24*	0.13	*0.04*	22	**1.0**	*0.23*	0.13	*0.03*
Canada, Northwest Territories	2	**1.6**	*1.15*	0.15	*0.11*	0	**-**	-	-	-
Canada, Nova Scotia	57	**1.6**	*0.22*	0.17	*0.03*	39	**1.0**	*0.17*	0.13	*0.03*
Canada, Ontario	451	**1.1**	*0.06*	0.14	*0.01*	378	**0.8**	*0.04*	0.09	*0.01*
Canada, Prince Edward Island	18	**3.7**	*0.91*	0.41	*0.12*	6	**1.1**	*0.49*	0.14	*0.06*
Canada, Saskatchewan	39	**0.9**	*0.15*	0.11	*0.02*	39	**0.9**	*0.16*	0.10	*0.02*
USA, Alabama	173	**1.2**	*0.09*	0.14	*0.01*	178	**0.9**	*0.08*	0.11	*0.01*
USA, Alabama: Black	47	**1.7**	*0.25*	0.23	*0.04*	58	**1.4**	*0.20*	0.16	*0.03*
USA, Alabama: White	124	**1.0**	*0.10*	0.12	*0.01*	119	**0.8**	*0.08*	0.09	*0.01*
USA, Alaska	12	**0.8**	*0.25*	0.09	*0.03*	13	**0.9**	*0.26*	0.10	*0.04*
USA, Arizona	202	**1.1**	*0.08*	0.13	*0.01*	182	**0.9**	*0.07*	0.10	*0.01*
USA, California	1179	**1.2**	*0.04*	0.14	*0.01*	1051	**0.8**	*0.03*	0.10	*0.00*
USA, California: Asian and Pacific Islander	84	**0.7**	*0.08*	0.08	*0.01*	79	**0.5**	*0.06*	0.04	*0.01*
USA, California: Black	131	**2.3**	*0.20*	0.26	*0.03*	112	**1.5**	*0.15*	0.18	*0.02*
USA, California: Hispanic White	139	**0.8**	*0.08*	0.11	*0.01*	143	**0.7**	*0.06*	0.09	*0.01*
USA, California: Non-Hispanic White	815	**1.2**	*0.05*	0.15	*0.01*	708	**0.9**	*0.04*	0.10	*0.01*
USA, California, Greater San Francisco Bay Area	223	**1.1**	*0.08*	0.13	*0.01*	193	**0.8**	*0.06*	0.09	*0.01*
USA, California, Greater San Francisco Bay Area: Black	28	**2.2**	*0.42*	0.22	*0.05*	24	**1.3**	*0.29*	0.13	*0.04*
USA, California, Greater San Francisco Bay Area: Chinese	9	**0.6**	*0.20*	0.08	*0.03*	13	**0.7**	*0.21*	0.06	*0.02*
USA, California, Greater San Francisco Bay Area: Filipino	4	**0.5**	*0.27*	0.06	*0.03*	8	**0.6**	*0.23*	0.05	*0.02*
USA, California, Greater San Francisco Bay Area: Japanese	2	**0.7**	*0.50*	0.07	*0.07*	3	**0.6**	*0.38*	0.04	*0.04*
USA, California, Greater San Francisco Bay Area: Hispanic White	16	**0.8**	*0.20*	0.09	*0.03*	16	**0.6**	*0.17*	0.07	*0.02*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	146	**1.1**	*0.10*	0.14	*0.01*	120	**0.8**	*0.08*	0.09	*0.01*
USA, California, Los Angeles County	317	**1.2**	*0.07*	0.14	*0.01*	320	**0.9**	*0.06*	0.11	*0.01*
USA, California, Los Angeles County: Black	64	**2.5**	*0.32*	0.30	*0.05*	63	**1.8**	*0.24*	0.23	*0.04*
USA, California, Los Angeles County: Chinese	5	**0.4**	*0.17*	0.03	*0.01*	8	**0.5**	*0.19*	0.04	*0.02*
USA, California, Los Angeles County: Filipino	5	**0.6**	*0.28*	0.04	*0.03*	12	**1.0**	*0.30*	0.09	*0.04*
USA, California, Los Angeles County: Japanese	5	**0.9**	*0.45*	0.11	*0.06*	5	**0.6**	*0.32*	0.05	*0.03*
USA, California, Los Angeles County: Korean	2	**0.4**	*0.29*	0.01	*0.01*	3	**0.4**	*0.24*	0.06	*0.05*
USA, California, Los Angeles County: Hispanic White	51	**0.8**	*0.12*	0.11	*0.02*	61	**0.8**	*0.10*	0.09	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	178	**1.3**	*0.11*	0.15	*0.01*	163	**1.0**	*0.09*	0.11	*0.01*
USA, Colorado	173	**1.4**	*0.11*	0.17	*0.02*	138	**0.9**	*0.08*	0.10	*0.01*
USA, Connecticut	166	**1.4**	*0.11*	0.17	*0.02*	167	**1.1**	*0.10*	0.13	*0.01*
USA, Connecticut: Black	13	**1.9**	*0.55*	0.26	*0.09*	8	**0.7**	*0.27*	0.09	*0.05*
USA, Connecticut: White	150	**1.4**	*0.12*	0.17	*0.02*	154	**1.1**	*0.10*	0.13	*0.01*
USA, District of Columbia	35	**1.8**	*0.33*	0.19	*0.05*	42	**1.8**	*0.30*	0.22	*0.04*
USA, District of Columbia: Black	28	**2.3**	*0.46*	0.25	*0.06*	36	**2.2**	*0.41*	0.27	*0.05*
USA, District of Columbia: White	7	**1.1**	*0.43*	0.08	*0.05*	6	**0.9**	*0.39*	0.11	*0.06*
USA, Florida	836	**1.2**	*0.05*	0.14	*0.01*	706	**0.8**	*0.04*	0.10	*0.00*
USA, Florida: Black	83	**1.5**	*0.17*	0.16	*0.02*	88	**1.2**	*0.13*	0.15	*0.02*
USA, Florida: White	745	**1.2**	*0.05*	0.14	*0.01*	603	**0.8**	*0.04*	0.09	*0.00*
USA, Georgia	282	**1.2**	*0.07*	0.15	*0.01*	318	**1.1**	*0.06*	0.12	*0.01*
USA, Georgia: Black	81	**1.7**	*0.20*	0.20	*0.03*	94	**1.3**	*0.14*	0.13	*0.02*
USA, Georgia: White	199	**1.1**	*0.08*	0.13	*0.01*	222	**1.0**	*0.07*	0.12	*0.01*
USA, Georgia, Atlanta	90	**1.3**	*0.14*	0.17	*0.02*	111	**1.2**	*0.12*	0.13	*0.02*
USA, Georgia, Atlanta: Black	35	**2.1**	*0.37*	0.26	*0.06*	43	**1.6**	*0.26*	0.15	*0.03*
USA, Georgia, Atlanta: White	54	**1.1**	*0.15*	0.14	*0.02*	66	**1.1**	*0.15*	0.12	*0.02*
USA, Idaho	44	**1.1**	*0.17*	0.13	*0.02*	54	**1.1**	*0.16*	0.13	*0.02*
USA, Illinois	591	**1.5**	*0.07*	0.18	*0.01*	540	**1.1**	*0.05*	0.13	*0.01*
USA, Illinois: Black	105	**2.5**	*0.25*	0.29	*0.03*	87	**1.4**	*0.16*	0.15	*0.02*
USA, Illinois: White	463	**1.4**	*0.07*	0.16	*0.01*	440	**1.0**	*0.05*	0.12	*0.01*
USA, Indiana	303	**1.5**	*0.09*	0.18	*0.01*	257	**1.0**	*0.07*	0.12	*0.01*
USA, Iowa	176	**1.6**	*0.13*	0.19	*0.02*	150	**1.1**	*0.10*	0.13	*0.01*
USA, Kentucky	218	**1.7**	*0.12*	0.20	*0.02*	172	**1.0**	*0.09*	0.12	*0.01*
USA, Louisiana	231	**1.7**	*0.11*	0.20	*0.02*	181	**1.0**	*0.08*	0.13	*0.01*
USA, Louisiana: Black	75	**2.3**	*0.27*	0.28	*0.04*	65	**1.4**	*0.19*	0.17	*0.03*
USA, Louisiana: White	154	**1.5**	*0.12*	0.17	*0.02*	113	**0.9**	*0.09*	0.12	*0.01*
USA, Louisiana, New Orleans: Black	24	**2.4**	*0.51*	0.24	*0.07*	23	**1.8**	*0.39*	0.24	*0.06*
USA, Louisiana, New Orleans: White	39	**1.9**	*0.31*	0.25	*0.05*	28	**1.1**	*0.23*	0.16	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Small intestine (C17) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	65	**1.4**	*0.18*	0.17	*0.03*	62	**1.0**	*0.15*	0.11	*0.02*
USA, Massachusetts	268	**1.2**	*0.08*	0.14	*0.01*	256	**0.9**	*0.06*	0.10	*0.01*
USA, Michigan	455	**1.4**	*0.07*	0.16	*0.01*	403	**1.0**	*0.05*	0.12	*0.01*
USA, Michigan: Black	95	**2.7**	*0.28*	0.32	*0.04*	107	**2.3**	*0.23*	0.29	*0.03*
USA, Michigan: White	355	**1.2**	*0.07*	0.14	*0.01*	293	**0.8**	*0.05*	0.10	*0.01*
USA, Michigan, Detroit	221	**1.7**	*0.12*	0.20	*0.02*	216	**1.3**	*0.10*	0.16	*0.01*
USA, Michigan, Detroit: Black	78	**3.0**	*0.35*	0.35	*0.05*	81	**2.3**	*0.27*	0.27	*0.04*
USA, Michigan, Detroit: White	141	**1.4**	*0.12*	0.17	*0.02*	133	**1.1**	*0.10*	0.13	*0.01*
USA, Missouri	230	**1.2**	*0.09*	0.14	*0.01*	228	**0.9**	*0.07*	0.11	*0.01*
USA, Missouri: Black	26	**1.8**	*0.37*	0.21	*0.05*	39	**1.9**	*0.33*	0.23	*0.05*
USA, Missouri: White	203	**1.2**	*0.09*	0.14	*0.01*	188	**0.9**	*0.07*	0.10	*0.01*
USA, Montana	51	**1.5**	*0.21*	0.19	*0.03*	32	**0.9**	*0.16*	0.11	*0.02*
USA, NPCR	9691	**1.3**	*0.01*	0.16	*0.00*	8829	**1.0**	*0.01*	0.11	*0.00*
USA, NPCR: Black	1303	**2.1**	*0.06*	0.24	*0.01*	1309	**1.5**	*0.04*	0.18	*0.01*
USA, NPCR: White	8097	**1.3**	*0.01*	0.15	*0.00*	7267	**0.9**	*0.01*	0.11	*0.00*
USA, New Jersey	422	**1.5**	*0.08*	0.17	*0.01*	370	**1.0**	*0.06*	0.12	*0.01*
USA, New Jersey: Black	63	**2.2**	*0.28*	0.26	*0.04*	61	**1.6**	*0.21*	0.20	*0.03*
USA, New Jersey: White	341	**1.4**	*0.08*	0.16	*0.01*	296	**0.9**	*0.06*	0.11	*0.01*
USA, New Mexico	72	**1.2**	*0.15*	0.14	*0.02*	66	**1.0**	*0.13*	0.11	*0.02*
USA, New Mexico: American Indian	3	**1.1**	*0.61*	0.15	*0.09*	2	**0.4**	*0.26*	0.02	*0.02*
USA, New Mexico: Hispanic White	24	**1.4**	*0.29*	0.18	*0.04*	15	**0.7**	*0.20*	0.09	*0.03*
USA, New Mexico: Non-Hispanic White	42	**1.1**	*0.17*	0.12	*0.02*	46	**1.1**	*0.19*	0.13	*0.02*
USA, New York State	855	**1.4**	*0.05*	0.16	*0.01*	822	**1.0**	*0.04*	0.12	*0.01*
USA, New York State: Black	126	**1.8**	*0.17*	0.21	*0.02*	148	**1.4**	*0.12*	0.17	*0.02*
USA, New York State: White	710	**1.3**	*0.05*	0.16	*0.01*	661	**1.0**	*0.04*	0.11	*0.01*
USA, Ohio	514	**1.3**	*0.06*	0.16	*0.01*	506	**1.0**	*0.05*	0.13	*0.01*
USA, Ohio: Black	54	**1.7**	*0.23*	0.21	*0.03*	68	**1.5**	*0.20*	0.19	*0.03*
USA, Ohio: White	447	**1.3**	*0.06*	0.16	*0.01*	428	**1.0**	*0.05*	0.12	*0.01*
USA, Oklahoma	130	**1.1**	*0.10*	0.13	*0.01*	111	**0.8**	*0.08*	0.09	*0.01*
USA, Oregon	153	**1.3**	*0.11*	0.17	*0.02*	119	**0.8**	*0.08*	0.11	*0.01*
USA, Pennsylvania	654	**1.4**	*0.06*	0.16	*0.01*	604	**1.0**	*0.05*	0.12	*0.01*
USA, Pennsylvania: Black	79	**2.5**	*0.29*	0.30	*0.04*	78	**1.8**	*0.21*	0.22	*0.03*
USA, Pennsylvania: White	561	**1.3**	*0.06*	0.15	*0.01*	515	**0.9**	*0.05*	0.11	*0.01*
USA, Rhode Island	53	**1.4**	*0.20*	0.17	*0.03*	60	**1.3**	*0.19*	0.15	*0.03*
USA, SEER (9 Registries)	1211	**1.4**	*0.04*	0.17	*0.01*	1104	**1.0**	*0.03*	0.12	*0.00*
USA, SEER (9 Registries): Black	168	**2.4**	*0.19*	0.28	*0.03*	175	**1.8**	*0.15*	0.21	*0.02*
USA, SEER (9 Registries): White	968	**1.4**	*0.05*	0.17	*0.01*	867	**1.0**	*0.04*	0.12	*0.01*
USA, SEER (14 Registries)	3122	**1.4**	*0.03*	0.16	*0.00*	2744	**1.0**	*0.02*	0.11	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	138	**0.8**	*0.07*	0.09	*0.01*	117	**0.5**	*0.05*	0.05	*0.01*
USA, SEER (14 Registries): Black	438	**2.4**	*0.12*	0.28	*0.02*	400	**1.6**	*0.08*	0.19	*0.01*
USA, SEER (14 Registries): Hispanic White	212	**1.0**	*0.07*	0.13	*0.01*	207	**0.8**	*0.06*	0.10	*0.01*
USA, SEER (14 Registries): Non-Hispanic White	2307	**1.4**	*0.03*	0.16	*0.00*	1988	**0.9**	*0.02*	0.11	*0.00*
USA, South Carolina	175	**1.3**	*0.10*	0.16	*0.01*	146	**0.9**	*0.08*	0.09	*0.01*
USA, South Carolina: Black	64	**2.2**	*0.28*	0.24	*0.04*	45	**1.2**	*0.18*	0.13	*0.02*
USA, South Carolina: White	110	**1.1**	*0.11*	0.14	*0.02*	100	**0.8**	*0.09*	0.08	*0.01*
USA, Texas	751	**1.3**	*0.05*	0.15	*0.01*	696	**1.0**	*0.04*	0.11	*0.01*
USA, Texas: Black	108	**2.1**	*0.21*	0.25	*0.03*	110	**1.6**	*0.16*	0.20	*0.02*
USA, Texas: White	626	**1.2**	*0.05*	0.14	*0.01*	568	**0.9**	*0.04*	0.11	*0.01*
USA, Utah	95	**1.8**	*0.19*	0.21	*0.03*	70	**1.1**	*0.14*	0.15	*0.02*
USA, Vermont	28	**1.3**	*0.25*	0.17	*0.04*	27	**0.8**	*0.18*	0.09	*0.03*
USA, Washington State	283	**1.5**	*0.09*	0.18	*0.01*	232	**1.0**	*0.07*	0.13	*0.01*
USA, Washington, Seattle	190	**1.5**	*0.11*	0.17	*0.02*	157	**1.0**	*0.09*	0.13	*0.01*
USA, West Virginia	65	**0.9**	*0.12*	0.11	*0.02*	75	**0.9**	*0.11*	0.10	*0.01*
USA, Wisconsin	237	**1.2**	*0.08*	0.15	*0.01*	231	**1.0**	*0.07*	0.12	*0.01*
Asia										
Bahrain: Bahraini	2	**0.3**	*0.24*	-	-	3	**0.5**	*0.30*	0.06	*0.04*
China, Guangzhou City	75	**1.3**	*0.15*	0.15	*0.02*	55	**0.9**	*0.12*	0.10	*0.02**
China, Hong Kong	125	**0.6**	*0.05*	0.06	*0.01*	121	**0.5**	*0.05*	0.05	*0.01*
China, Jiashan	8	**0.6**	*0.21*	0.07	*0.03*	3	**0.2**	*0.14*	0.03	*0.02**
China, Nangang District, Harbin City	17	**0.7**	*0.17*	0.09	*0.03*	17	**0.7**	*0.17*	0.10	*0.03*
China, Shanghai	231	**1.0**	*0.07*	0.12	*0.01*	210	**0.8**	*0.06*	0.10	*0.01**
China, Zhongshan	22	**0.7**	*0.16*	0.09	*0.02*	20	**0.6**	*0.13*	0.08	*0.02**
Cyprus	17	**0.7**	*0.18*	0.10	*0.03*	3	**0.1**	*0.08*	0.02	*0.01**
India, Chennai (Madras)	21	**0.2**	*0.05*	0.02	*0.01*	7	**0.1**	*0.03*	0.01	*0.00*
India, New Delhi	44	**0.2**	*0.03*	0.02	*0.00*	30	**0.2**	*0.03*	0.02	*0.00**
India, Karunagappally	3	**0.4**	*0.22*	0.04	*0.03*	1	**0.1**	*0.13*	0.01	*0.01*
India, Mumbai (Bombay)	51	**0.2**	*0.04*	0.03	*0.01*	38	**0.2**	*0.03*	0.02	*0.00*
India, Nagpur	2	**0.1**	*0.04*	0.01	*0.00*	2	**0.1**	*0.04*	0.01	*0.01**
India, Poona	12	**0.2**	*0.06*	0.02	*0.01*	12	**0.2**	*0.06*	0.02	*0.01**
India, Trivandrum	6	**0.2**	*0.10*	0.03	*0.01*	3	**0.1**	*0.06*	0.01	*0.01**
Israel	151	**0.9**	*0.08*	0.11	*0.01*	117	**0.5**	*0.05*	0.06	*0.01*
Israel: Jews	142	**0.9**	*0.08*	0.11	*0.01*	107	**0.5**	*0.06*	0.06	*0.01*
Israel: Non-Jews	9	**0.6**	*0.22*	0.06	*0.03*	9	**0.5**	*0.16*	0.04	*0.02*
Japan, Aichi Prefecture	30	**0.8**	*0.14*	0.07	*0.02*	24	**0.5**	*0.11*	0.08	*0.02*
Japan, Fukui Prefecture	21	**0.6**	*0.14*	0.08	*0.02*	36	**0.6**	*0.12*	0.09	*0.02*
Japan, Hiroshima	53	**1.3**	*0.18*	0.16	*0.03*	25	**0.5**	*0.10*	0.05	*0.01*
Japan, Miyagi Prefecture	82	**0.8**	*0.09*	0.09	*0.01*	45	**0.3**	*0.05*	0.03	*0.01*
Japan, Nagasaki Prefecture	57	**0.8**	*0.11*	0.10	*0.02*	48	**0.5**	*0.08*	0.06	*0.01*
Japan, Osaka Prefecture	264	**0.7**	*0.05*	0.09	*0.01*	168	**0.4**	*0.03*	0.04	*0.00*
Japan, Yamagata Prefecture	39	**0.6**	*0.11*	0.07	*0.01*	32	**0.4**	*0.10*	0.05	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Small intestine (C17) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	879	**1.0**	*0.03*	0.12	*0.01*	650	**0.6**	*0.02*	0.06	*0.00*
Korea, Busan	85	**1.1**	*0.13*	0.13	*0.02*	54	**0.5**	*0.07*	0.06	*0.01*
Korea, Daegu	71	**1.3**	*0.16*	0.14	*0.02*	53	**0.8**	*0.11*	0.09	*0.01*
Korea, Daejeon	23	**0.8**	*0.17*	0.11	*0.03*	12	**0.4**	*0.11*	0.05	*0.02*
Korea, Gwangju	36	**1.4**	*0.24*	0.20	*0.04*	25	**0.7**	*0.14*	0.08	*0.02*
Korea, Incheon	55	**1.2**	*0.17*	0.15	*0.03*	36	**0.6**	*0.09*	0.06	*0.01*
Korea, Jejudo	5	**0.7**	*0.32*	0.11	*0.06*	8	**0.7**	*0.25*	0.06	*0.03*
Korea, Seoul	224	**1.1**	*0.08*	0.12	*0.01*	172	**0.7**	*0.05*	0.08	*0.01*
Korea, Ulsan	24	**1.6**	*0.37*	0.20	*0.06*	10	**0.5**	*0.18*	0.06	*0.03*
Kuwait: Kuwaitis	4	**0.4**	*0.21*	0.05	*0.03*	8	**0.6**	*0.25*	0.04	*0.02*
Kuwait: Non-Kuwaitis	12	**0.3**	*0.09*	0.03	*0.01*	4	**0.6**	*0.40*	0.05	*0.05*
Malaysia, Penang	17	**0.9**	*0.22*	0.10	*0.03*	13	**0.6**	*0.16*	0.07	*0.02*
Malaysia, Sarawak	19	**0.4**	*0.11*	0.06	*0.02*	12	**0.3**	*0.10*	0.05	*0.02*
Oman: Omani	5	**0.3**	*0.14*	0.05	*0.03*	4	**0.3**	*0.13*	0.04	*0.02**
Pakistan, South Karachi	8	**0.2**	*0.09*	0.02	*0.01*	7	**0.4**	*0.14*	0.03	*0.01**
Philippines, Manila	45	**0.7**	*0.11*	0.07	*0.01*	35	**0.4**	*0.08*	0.06	*0.01**
Singapore	67	**0.8**	*0.10*	0.10	*0.01*	58	**0.6**	*0.08*	0.07	*0.01*
Singapore: Chinese	60	**1.0**	*0.12*	0.12	*0.02*	48	**0.6**	*0.09*	0.07	*0.01*
Singapore: Indian	4	**0.6**	*0.31*	0.06	*0.03*	4	**0.8**	*0.38*	0.12	*0.07*
Singapore: Malay	3	**0.3**	*0.18*	0.03	*0.02*	6	**0.5**	*0.22*	0.03	*0.02*
Thailand, Chiang Mai	11	**0.3**	*0.09*	0.03	*0.01*	13	**0.3**	*0.08*	0.04	*0.01**
Thailand, Lampang	5	**0.2**	*0.10*	0.03	*0.02*	3	**0.1**	*0.07*	0.01	*0.01**
Thailand, Songkhla	10	**0.4**	*0.12*	0.04	*0.02*	3	**0.1**	*0.06*	0.02	*0.01*
Turkey, Antalya	14	**0.5**	*0.13*	0.06	*0.02*	10	**0.3**	*0.11*	0.03	*0.01**
Turkey, Izmir	31	**0.4**	*0.07*	0.05	*0.01*	11	**0.1**	*0.04*	0.02	*0.01**
Europe										
Austria	240	**0.8**	*0.05*	0.09	*0.01*	239	**0.5**	*0.04*	0.06	*0.01*
Austria, Tyrol	10	**0.4**	*0.14*	0.05	*0.02*	20	**0.5**	*0.13*	0.06	*0.02*
Austria, Vorarlberg	10	**0.9**	*0.27*	0.11	*0.04*	9	**0.7**	*0.25*	0.07	*0.03*
Belarus	93	**0.3**	*0.03*	0.04	*0.00*	114	**0.3**	*0.03*	0.03	*0.00**
Belgium, Antwerp	55	**0.8**	*0.11*	0.09	*0.01*	47	**0.5**	*0.08*	0.06	*0.01**
Belgium, Flanders	167	**0.8**	*0.07*	0.10	*0.01*	148	**0.6**	*0.06*	0.07	*0.01*
Bulgaria	109	**0.3**	*0.03*	0.04	*0.00*	85	**0.2**	*0.02*	0.02	*0.00**
Croatia	91	**0.5**	*0.06*	0.07	*0.01*	63	**0.3**	*0.04*	0.03	*0.00*
Czech Republic	282	**0.8**	*0.05*	0.09	*0.01*	233	**0.5**	*0.03*	0.05	*0.00*
Denmark	166	**0.8**	*0.06*	0.09	*0.01*	142	**0.5**	*0.05*	0.06	*0.01*
Estonia	28	**0.6**	*0.12*	0.09	*0.02*	31	**0.5**	*0.09*	0.05	*0.01*
Finland	204	**1.0**	*0.07*	0.11	*0.01*	183	**0.7**	*0.06*	0.08	*0.01*
France, Bas-Rhin	36	**1.0**	*0.17*	0.13	*0.03*	29	**0.6**	*0.12*	0.07	*0.02*
France, Calvados	33	**1.3**	*0.23*	0.15	*0.03*	27	**0.8**	*0.17*	0.09	*0.02*
France, Doubs	17	**0.9**	*0.22*	0.09	*0.03*	10	**0.5**	*0.16*	0.05	*0.02*
France, Haut-Rhin	28	**1.0**	*0.19*	0.11	*0.03*	28	**0.8**	*0.17*	0.09	*0.02*
France, Herault	42	**1.1**	*0.19*	0.13	*0.02*	39	**0.9**	*0.16*	0.12	*0.02*
France, Isere	39	**1.0**	*0.16*	0.12	*0.02*	27	**0.5**	*0.11*	0.06	*0.01*
France, Loire-Atlantique	53	**1.3**	*0.18*	0.13	*0.02*	35	**0.7**	*0.13*	0.08	*0.02*
France, Manche	20	**1.0**	*0.23*	0.10	*0.03*	14	**0.7**	*0.21*	0.08	*0.02*
France, Somme	22	**1.2**	*0.26*	0.15	*0.04*	13	**0.5**	*0.16*	0.07	*0.02*
France, Tarn	13	**0.8**	*0.24*	0.11	*0.03*	9	**0.4**	*0.15*	0.06	*0.02*
France, Vendee	25	**1.0**	*0.22*	0.15	*0.03*	18	**0.7**	*0.18*	0.09	*0.02*
Germany, Brandenburg	78	**0.8**	*0.09*	0.10	*0.01*	76	**0.6**	*0.07*	0.06	*0.01*
Germany, Free State of Saxony	154	**0.8**	*0.07*	0.09	*0.01*	154	**0.5**	*0.05*	0.06	*0.01*
Germany, Hamburg	43	**0.7**	*0.11*	0.08	*0.01*	45	**0.4**	*0.07*	0.05	*0.01*
Germany, Mecklenburg-Western Pomerania	49	**0.8**	*0.11*	0.09	*0.01*	46	**0.5**	*0.08*	0.06	*0.01*
Germany, Munich	103	**1.1**	*0.11*	0.14	*0.02*	77	**0.7**	*0.09*	0.08	*0.01*
Germany, Northrhine-Westphalia: Munster	88	**0.9**	*0.09*	0.10	*0.01*	72	**0.5**	*0.07*	0.06	*0.01*
Germany, Saarland	27	**0.6**	*0.12*	0.08	*0.02*	31	**0.5**	*0.11*	0.06	*0.01*
Iceland	12	**1.3**	*0.40*	0.11	*0.04*	12	**1.2**	*0.39*	0.12	*0.05*
Ireland	126	**1.1**	*0.10*	0.14	*0.01*	78	**0.5**	*0.06*	0.05	*0.01*
Italy, Biella Province	8	**0.8**	*0.29*	0.13	*0.05*	10	**0.6**	*0.21*	0.06	*0.03*
Italy, Brescia Province	26	**1.1**	*0.21*	0.11	*0.03*	13	**0.4**	*0.12*	0.05	*0.02*
Italy, Ferrara Province	20	**0.9**	*0.22*	0.10	*0.03*	25	**0.7**	*0.18*	0.09	*0.03*
Italy, Florence and Prato	54	**1.0**	*0.14*	0.11	*0.02*	41	**0.6**	*0.11*	0.07	*0.01*
Italy, Genoa Province	26	**0.9**	*0.19*	0.10	*0.02*	32	**0.9**	*0.18*	0.11	*0.02*
Italy, Macerata Province	4	**0.4**	*0.22*	0.06	*0.03*	3	**0.3**	*0.23*	0.03	*0.02*
Italy, Milan	56	**1.2**	*0.17*	0.15	*0.02*	40	**0.5**	*0.09*	0.05	*0.01*
Italy, Modena Province	48	**1.6**	*0.25*	0.21	*0.03*	34	**0.9**	*0.18*	0.11	*0.02*
Italy, Naples	14	**0.9**	*0.24*	0.10	*0.03*	7	**0.4**	*0.14*	0.04	*0.02*
Italy, North East Cancer Surveillance Network	114	**1.2**	*0.12*	0.14	*0.02*	101	**0.7**	*0.09*	0.08	*0.01*
Italy, Parma Province	20	**1.0**	*0.24*	0.13	*0.03*	25	**1.1**	*0.24*	0.14	*0.03*
Italy, Ragusa Province	12	**1.0**	*0.29*	0.13	*0.04*	8	**0.6**	*0.22*	0.07	*0.03*
Italy, Reggio Emilia Province	33	**1.4**	*0.26*	0.18	*0.04*	30	**1.1**	*0.23*	0.13	*0.03*
Italy, Romagna Region	65	**1.3**	*0.18*	0.16	*0.02*	49	**0.8**	*0.14*	0.09	*0.02*
Italy, Salerno Province	26	**0.7**	*0.14*	0.08	*0.02*	22	**0.5**	*0.12*	0.07	*0.02*
Italy, Sassari Province	11	**0.6**	*0.20*	0.08	*0.03*	6	**0.2**	*0.12*	0.02	*0.01*
Italy, Syracuse Province	6	**0.5**	*0.21*	0.04	*0.02*	6	**0.4**	*0.19*	0.06	*0.03*
Italy, Sondrio	7	**1.0**	*0.37*	0.10	*0.05*	3	**0.4**	*0.25*	0.03	*0.02*
Italy, Torino	35	**0.7**	*0.13*	0.09	*0.02*	30	**0.5**	*0.10*	0.05	*0.01*
Italy, Umbria Region	27	**0.5**	*0.11*	0.06	*0.02*	24	**0.5**	*0.13*	0.06	*0.01*
Italy, Varese Province	19	**0.9**	*0.22*	0.10	*0.03*	16	**0.5**	*0.14*	0.05	*0.02*
Italy, Veneto Region	68	**1.0**	*0.12*	0.11	*0.02*	43	**0.5**	*0.09*	0.05	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Small intestine (C17) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	37	**0.5**	*0.08*	0.07	*0.01*	43	**0.3**	*0.06*	0.04	*0.01*
Lithuania	55	**0.5**	*0.07*	0.06	*0.01*	65	**0.3**	*0.05*	0.05	*0.01*
Malta	9	**0.7**	*0.23*	0.12	*0.04*	10	**0.6**	*0.21*	0.07	*0.03*
Norway	242	**1.4**	*0.09*	0.16	*0.01*	247	**1.2**	*0.09*	0.16	*0.01*
Poland, Cracow	11	**0.5**	*0.14*	0.06	*0.02*	7	**0.2**	*0.06*	0.01	*0.01**
Poland, Kielce	7	**0.2**	*0.06*	0.02	*0.01*	12	**0.2**	*0.06*	0.03	*0.01*
Poland, Warsaw City	16	**0.3**	*0.07*	0.03	*0.01*	13	**0.1**	*0.04*	0.02	*0.01*
Portugal, Porto	94	**0.9**	*0.09*	0.10	*0.01*	81	**0.6**	*0.07*	0.07	*0.01**
Portugal, South Regional	143	**1.2**	*0.11*	0.14	*0.01*	117	**0.7**	*0.07*	0.07	*0.01*
Russia, St Petersburg	33	**0.2**	*0.04*	0.02	*0.01*	75	**0.3**	*0.04*	0.03	*0.00*
Serbia	104	**0.6**	*0.06*	0.07	*0.01*	77	**0.4**	*0.05*	0.04	*0.01*
Slovak Republic	111	**0.7**	*0.07*	0.07	*0.01*	97	**0.4**	*0.05*	0.05	*0.01*
Slovenia	46	**0.7**	*0.10*	0.08	*0.01*	32	**0.3**	*0.07*	0.04	*0.01*
Spain, Albacete	4	**0.3**	*0.15*	0.06	*0.03*	7	**0.3**	*0.13*	0.05	*0.03*
Spain, Asturias	37	**0.7**	*0.13*	0.09	*0.02*	38	**0.5**	*0.09*	0.06	*0.01*
Spain, Basque Country	54	**0.8**	*0.11*	0.09	*0.01*	40	**0.5**	*0.09*	0.05	*0.01*
Spain, Canary Islands	29	**0.6**	*0.12*	0.08	*0.02*	23	**0.4**	*0.10*	0.06	*0.01*
Spain, Cuenca	4	**0.3**	*0.19*	0.05	*0.03*	6	**0.7**	*0.31*	0.09	*0.04*
Spain, Girona	25	**1.1**	*0.24*	0.11	*0.03*	9	**0.4**	*0.14*	0.04	*0.02*
Spain, Granada	23	**0.7**	*0.16*	0.09	*0.02*	12	**0.4**	*0.13*	0.05	*0.01*
Spain, Murcia	39	**1.0**	*0.16*	0.13	*0.02*	20	**0.3**	*0.08*	0.04	*0.01*
Spain, Navarra	20	**0.8**	*0.18*	0.11	*0.03*	11	**0.4**	*0.13*	0.04	*0.02*
Spain, Tarragona	12	**0.6**	*0.18*	0.10	*0.03*	11	**0.4**	*0.14*	0.07	*0.02*
Spain, Zaragoza	17	**0.5**	*0.12*	0.05	*0.02*	19	**0.4**	*0.10*	0.05	*0.01*
Sweden	541	**1.4**	*0.06*	0.17	*0.01*	475	**1.0**	*0.05*	0.13	*0.01*
Switzerland, Geneva	19	**1.2**	*0.28*	0.13	*0.04*	17	**0.9**	*0.23*	0.12	*0.03*
Switzerland, Graubunden and Glarus	8	**0.8**	*0.31*	0.10	*0.05*	11	**1.3**	*0.40*	0.17	*0.05*
Switzerland, Neuchatel	6	**0.9**	*0.39*	0.08	*0.04*	10	**1.1**	*0.41*	0.12	*0.05*
Switzerland, St Gall-Appenzell	29	**1.5**	*0.29*	0.19	*0.04*	17	**0.7**	*0.20*	0.09	*0.03*
Switzerland, Ticino	20	**1.6**	*0.37*	0.24	*0.06*	15	**0.8**	*0.24*	0.10	*0.03*
Switzerland, Valais	15	**1.4**	*0.35*	0.22	*0.07*	5	**0.4**	*0.17*	0.06	*0.03*
Switzerland, Vaud	28	**1.0**	*0.21*	0.12	*0.03*	33	**1.2**	*0.23*	0.15	*0.03*
The Netherlands	485	**0.8**	*0.04*	0.10	*0.01*	422	**0.6**	*0.03*	0.07	*0.00*
The Netherlands, Eindhoven	20	**0.5**	*0.12*	0.05	*0.01*	18	**0.4**	*0.10*	0.04	*0.01*
The Netherlands, Maastricht	32	**0.9**	*0.16*	0.10	*0.02*	20	**0.5**	*0.12*	0.05	*0.01*
UK, East of England Region	76	**0.6**	*0.08*	0.07	*0.01*	87	**0.6**	*0.07*	0.07	*0.01*
UK, England, Merseyside and Cheshire	85	**0.9**	*0.10*	0.09	*0.01*	86	**0.7**	*0.08*	0.08	*0.01*
UK, England, North Western	150	**0.9**	*0.08*	0.10	*0.01*	135	**0.6**	*0.06*	0.07	*0.01*
UK, England, Northern and Yorkshire	247	**0.9**	*0.06*	0.11	*0.01*	222	**0.6**	*0.05*	0.07	*0.01*
UK, England, Oxford Region	85	**0.8**	*0.09*	0.10	*0.01*	61	**0.4**	*0.06*	0.04	*0.01*
UK, England, South and Western Regions	294	**0.9**	*0.06*	0.11	*0.01*	241	**0.6**	*0.05*	0.07	*0.01*
UK, England, Thames	363	**0.7**	*0.04*	0.09	*0.01*	300	**0.5**	*0.03*	0.06	*0.00*
UK, England, Trent	170	**0.9**	*0.07*	0.10	*0.01*	134	**0.6**	*0.06*	0.07	*0.01*
UK, England, West Midlands	181	**0.9**	*0.07*	0.10	*0.01*	144	**0.5**	*0.05*	0.06	*0.01*
UK, Northern Ireland	73	**1.3**	*0.16*	0.17	*0.02*	67	**0.8**	*0.12*	0.09	*0.02*
UK, Scotland	163	**0.8**	*0.07*	0.11	*0.01*	162	**0.6**	*0.06*	0.08	*0.01*
Oceania										
Australia, New South Wales	282	**1.2**	*0.08*	0.14	*0.01*	221	**0.9**	*0.06*	0.10	*0.01*
Australia, Northern Territory	2	**0.3**	*0.25*	0.04	*0.03*	2	**0.4**	*0.25*	0.03	*0.02*
Australia, Queensland	157	**1.3**	*0.11*	0.14	*0.01*	119	**0.9**	*0.09*	0.10	*0.01*
Australia, South	65	**1.1**	*0.15*	0.13	*0.02*	47	**0.7**	*0.12*	0.10	*0.02*
Australia, Tasmania	19	**1.0**	*0.25*	0.11	*0.03*	14	**0.8**	*0.23*	0.10	*0.03*
Australia, Victoria	166	**1.0**	*0.08*	0.11	*0.01*	160	**0.8**	*0.07*	0.09	*0.01*
Australia, Western	61	**1.0**	*0.13*	0.12	*0.02*	43	**0.6**	*0.10*	0.06	*0.01*
Australian Capital Territory	7	**0.8**	*0.32*	0.10	*0.05*	5	**0.6**	*0.29*	0.08	*0.04*
French Polynesia	4	**0.9**	*0.44*	0.11	*0.06*	5	**1.2**	*0.61*	0.14	*0.07*
New Zealand	146	**1.1**	*0.10*	0.13	*0.01*	115	**0.8**	*0.08*	0.09	*0.01*
USA, Hawaii	54	**1.3**	*0.18*	0.14	*0.02*	24	**0.5**	*0.11*	0.05	*0.01*
USA, Hawaii: Chinese	1	**0.2**	*0.23*	0.06	*0.06*	1	**0.2**	*0.19*	0.05	*0.05*
USA, Hawaii: Filipino	5	**0.6**	*0.29*	0.06	*0.04*	5	**0.7**	*0.34*	0.08	*0.04*
USA, Hawaii: Hawaiian	11	**2.2**	*0.68*	0.26	*0.09*	6	**1.1**	*0.45*	0.10	*0.05*
USA, Hawaii: Japanese	9	**0.6**	*0.22*	0.07	*0.03*	6	**0.2**	*0.09*	0.02	*0.02*
USA, Hawaii: White	25	**2.1**	*0.44*	0.26	*0.07*	4	**0.3**	*0.17*	0.03	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Large bowel (C18-21)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	152	**6.6**	*0.58*	-	-	154	**6.8**	*0.57*	-	- *
Egypt, Gharbiah	339	**6.9**	*0.40*	-	-	271	**4.8**	*0.30*	-	-
Tunisia, Centre, Sousse	113	**12.0**	*1.15*	-	-	95	**9.2**	*0.96*	-	- *
Uganda, Kyadondo County	75	**7.5**	*1.03*	-	-	89	**8.1**	*0.98*	-	- *
Zimbabwe, Harare: African	125	**7.4**	*0.80*	-	-	94	**6.3**	*0.79*	-	- *
America, Central and South										
Argentina, Bahia Blanca	260	**28.5**	*1.85*	3.37	*0.27*	210	**15.9**	*1.24*	1.84	*0.17*
Brazil, Brasilia	494	**24.4**	*1.18*	2.81	*0.17*	590	**23.0**	*1.02*	2.69	*0.15*
Brazil, Cuiaba	103	**15.8**	*1.65*	1.90	*0.24*	106	**15.4**	*1.55*	1.97	*0.25*
Brazil, Goiania	246	**17.7**	*1.17*	2.20	*0.18*	330	**18.2**	*1.03*	2.06	*0.15*
Brazil, Sao Paulo	6570	**32.8**	*0.42*	3.86	*0.06*	7518	**26.3**	*0.32*	2.98	*0.04*
Chile, Valdivia	119	**13.5**	*1.26*	1.62	*0.19*	144	**13.5**	*1.16*	1.58	*0.17*
Colombia, Cali	472	**13.6**	*0.65*	1.51	*0.09*	648	**14.3**	*0.59*	1.67	*0.09*
Costa Rica	975	**13.0**	*0.43*	1.49	*0.06*	1020	**12.1**	*0.39*	1.29	*0.06*
Ecuador, Quito	234	**8.4**	*0.57*	0.98	*0.08*	290	**8.9**	*0.55*	1.04	*0.08*
France, La Martinique	189	**16.2**	*1.21*	1.93	*0.17*	275	**18.0**	*1.17*	1.96	*0.15*
Peru, Trujillo	84	**9.4**	*1.05*	1.13	*0.16*	106	**9.0**	*0.91*	0.94	*0.13**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	35704	**42.6**	*0.23*	5.14	*0.03*	31165	**29.4**	*0.18*	3.41	*0.03*
Canada, Alberta	3709	**40.1**	*0.68*	4.82	*0.10*	2914	**26.1**	*0.52*	2.99	*0.08*
Canada, British Columbia	5920	**37.2**	*0.51*	4.32	*0.07*	5048	**25.9**	*0.41*	2.97	*0.06*
Canada, Manitoba	1999	**46.7**	*1.11*	5.59	*0.16*	1746	**30.5**	*0.84*	3.56	*0.12*
Canada, New Brunswick	1211	**42.9**	*1.28*	5.30	*0.20*	1137	**31.7**	*1.05*	3.74	*0.15*
Canada, Newfoundland and Labrador	1017	**53.5**	*1.72*	6.58	*0.26*	774	**35.3**	*1.35*	4.23	*0.20*
Canada, Northwest Territories	54	**71.7**	*10.25*	8.51	*1.49*	33	**45.6**	*8.34*	5.40	*1.31*
Canada, Nova Scotia	1839	**51.0**	*1.24*	5.84	*0.18*	1690	**35.3**	*0.97*	4.01	*0.14*
Canada, Ontario	18074	**43.6**	*0.34*	5.34	*0.05*	16167	**30.4**	*0.26*	3.55	*0.04*
Canada, Prince Edward Island	241	**43.5**	*2.94*	4.90	*0.44*	253	**36.8**	*2.63*	4.29	*0.39*
Canada, Saskatchewan	1640	**40.4**	*1.08*	4.83	*0.16*	1403	**27.0**	*0.85*	3.09	*0.12*
USA, Alabama	5782	**38.2**	*0.52*	4.59	*0.07*	5630	**27.3**	*0.40*	3.19	*0.06*
USA, Alabama: Black	1090	**39.8**	*1.25*	4.80	*0.18*	1330	**31.9**	*0.95*	3.82	*0.14*
USA, Alabama: White	4634	**37.7**	*0.57*	4.53	*0.08*	4231	**26.0**	*0.44*	3.00	*0.06*
USA, Alaska	554	**38.3**	*1.69*	4.77	*0.26*	506	**33.4**	*1.55*	3.96	*0.24*
USA, Arizona	6296	**33.1**	*0.44*	3.88	*0.06*	5592	**23.8**	*0.35*	2.72	*0.05*
USA, California	36828	**35.1**	*0.19*	4.15	*0.03*	35620	**25.7**	*0.15*	2.93	*0.02*
USA, California: Asian and Pacific Islander	3456	**30.0**	*0.52*	3.53	*0.08*	3312	**22.6**	*0.41*	2.59	*0.06*
USA, California: Black	2344	**40.9**	*0.86*	4.89	*0.13*	2506	**32.4**	*0.68*	3.79	*0.10*
USA, California: Hispanic White	4536	**29.1**	*0.45*	3.49	*0.07*	3981	**19.9**	*0.33*	2.26	*0.05*
USA, California: Non-Hispanic White	26000	**36.6**	*0.24*	4.32	*0.04*	25444	**26.9**	*0.20*	3.08	*0.03*
USA, California, Greater San Francisco Bay Area	7417	**35.3**	*0.43*	4.13	*0.06*	7219	**25.6**	*0.34*	2.89	*0.05*
USA, California, Greater San Francisco Bay Area: Black	522	**38.7**	*1.74*	4.28	*0.25*	524	**28.9**	*1.36*	3.30	*0.20*
USA, California, Greater San Francisco Bay Area: Chinese	556	**32.7**	*1.46*	3.82	*0.21*	529	**25.2**	*1.17*	2.91	*0.17*
USA, California, Greater San Francisco Bay Area: Filipino	254	**29.2**	*1.89*	3.77	*0.29*	251	**20.5**	*1.33*	2.30	*0.18*
USA, California, Greater San Francisco Bay Area: Japanese	130	**38.5**	*3.74*	4.40	*0.53*	145	**26.9**	*2.53*	3.29	*0.35*
USA, California, Greater San Francisco Bay Area: Hispanic White	686	**32.4**	*1.28*	3.69	*0.19*	552	**19.7**	*0.88*	2.12	*0.12*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	4889	**36.2**	*0.55*	4.26	*0.08*	4878	**26.5**	*0.44*	2.99	*0.07*
USA, California, Los Angeles County	9612	**35.6**	*0.38*	4.23	*0.06*	9675	**26.3**	*0.30*	2.95	*0.04*
USA, California, Los Angeles County: Black	1109	**43.9**	*1.34*	5.33	*0.20*	1268	**34.3**	*1.02*	3.96	*0.15*
USA, California, Los Angeles County: Chinese	390	**33.0**	*1.76*	3.81	*0.25*	333	**23.1**	*1.35*	2.48	*0.19*
USA, California, Los Angeles County: Filipino	259	**32.7**	*2.10*	3.94	*0.31*	217	**19.9**	*1.39*	2.26	*0.19*
USA, California, Los Angeles County: Japanese	293	**47.5**	*3.13*	5.30	*0.43*	276	**35.3**	*2.47*	3.93	*0.32*
USA, California, Los Angeles County: Korean	192	**35.9**	*2.63*	4.56	*0.41*	180	**24.8**	*1.91*	2.72	*0.26*
USA, California, Los Angeles County: Hispanic White	1616	**27.1**	*0.70*	3.30	*0.11*	1562	**19.1**	*0.50*	2.15	*0.07*
USA, California, Los Angeles County: Non-Hispanic White	5523	**38.4**	*0.56*	4.55	*0.08*	5592	**28.6**	*0.46*	3.25	*0.07*
USA, Colorado	4308	**33.7**	*0.53*	4.06	*0.08*	4216	**25.6**	*0.43*	3.02	*0.07*
USA, Connecticut	5373	**42.0**	*0.61*	5.02	*0.09*	5659	**31.2**	*0.48*	3.60	*0.07*
USA, Connecticut: Black	280	**40.1**	*2.45*	4.75	*0.36*	382	**38.9**	*2.05*	4.80	*0.31*
USA, Connecticut: White	5004	**41.9**	*0.64*	5.01	*0.10*	5210	**30.5**	*0.50*	3.51	*0.07*
USA, District of Columbia	767	**42.6**	*1.60*	4.88	*0.23*	930	**33.2**	*1.24*	3.63	*0.17*
USA, District of Columbia: Black	570	**50.7**	*2.22*	5.68	*0.31*	690	**37.1**	*1.60*	4.12	*0.22*
USA, District of Columbia: White	173	**27.6**	*2.20*	3.36	*0.34*	211	**23.9**	*1.96*	2.38	*0.28*
USA, Florida	28655	**39.5**	*0.26*	4.69	*0.04*	27711	**29.4**	*0.21*	3.35	*0.03*
USA, Florida: Black	2171	**41.2**	*0.90*	4.97	*0.13*	2363	**32.3**	*0.69*	3.73	*0.10*
USA, Florida: White	26101	**39.2**	*0.27*	4.66	*0.04*	24982	**29.0**	*0.22*	3.30	*0.03*
USA, Georgia	8695	**38.4**	*0.42*	4.54	*0.06*	8668	**28.1**	*0.33*	3.28	*0.05*
USA, Georgia: Black	1991	**44.4**	*1.03*	5.22	*0.15*	2299	**34.0**	*0.75*	4.03	*0.11*
USA, Georgia: White	6609	**37.1**	*0.47*	4.40	*0.07*	6285	**26.6**	*0.37*	3.08	*0.05*
USA, Georgia, Atlanta	2479	**36.9**	*0.77*	4.34	*0.11*	2623	**28.5**	*0.60*	3.35	*0.09*
USA, Georgia, Atlanta: Black	760	**46.3**	*1.77*	5.34	*0.27*	861	**35.3**	*1.27*	4.14	*0.19*
USA, Georgia, Atlanta: White	1660	**34.5**	*0.87*	4.10	*0.13*	1714	**26.3**	*0.69*	3.09	*0.10*
USA, Idaho	1402	**32.1**	*0.90*	3.85	*0.13*	1342	**24.5**	*0.75*	2.81	*0.11*
USA, Illinois	17898	**43.6**	*0.34*	5.20	*0.05*	18153	**31.2**	*0.26*	3.59	*0.04*
USA, Illinois: Black	2146	**49.9**	*1.10*	6.06	*0.16*	2456	**38.1**	*0.80*	4.48	*0.12*
USA, Illinois: White	15271	**42.7**	*0.37*	5.08	*0.05*	15259	**30.0**	*0.28*	3.44	*0.04*
USA, Indiana	8658	**41.7**	*0.47*	4.92	*0.07*	8780	**30.7**	*0.37*	3.57	*0.05*
USA, Iowa	5039	**43.7**	*0.66*	5.19	*0.10*	5302	**32.2**	*0.53*	3.73	*0.08*
USA, Kentucky	6168	**44.7**	*0.59*	5.30	*0.09*	6335	**34.1**	*0.47*	4.01	*0.07*
USA, Louisiana	6449	**46.3**	*0.59*	5.55	*0.09*	6035	**31.5**	*0.45*	3.63	*0.06*
USA, Louisiana: Black	1620	**49.8**	*1.27*	5.93	*0.19*	1737	**36.3**	*0.93*	4.14	*0.13*
USA, Louisiana: White	4777	**45.4**	*0.68*	5.46	*0.10*	4262	**29.9**	*0.51*	3.45	*0.07*
USA, Louisiana, New Orleans: Black	492	**51.6**	*2.38*	6.22	*0.36*	521	**35.9**	*1.66*	4.03	*0.24*
USA, Louisiana, New Orleans: White	953	**45.1**	*1.54*	5.65	*0.23*	912	**28.7**	*1.11*	3.30	*0.16*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Large bowel (C18-21) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	2171	**42.5**	*0.96*	5.00	*0.14*	2240	**32.6**	*0.79*	3.78	*0.11*
USA, Massachusetts	9712	**42.8**	*0.46*	5.19	*0.07*	10291	**30.8**	*0.35*	3.51	*0.05*
USA, Michigan	13112	**38.5**	*0.35*	4.58	*0.05*	13331	**28.6**	*0.28*	3.30	*0.04*
USA, Michigan: Black	1629	**48.2**	*1.24*	5.74	*0.18*	1813	**37.3**	*0.94*	4.32	*0.13*
USA, Michigan: White	11279	**37.3**	*0.37*	4.43	*0.05*	11320	**27.3**	*0.29*	3.14	*0.04*
USA, Michigan, Detroit	5555	**41.7**	*0.59*	4.98	*0.09*	5814	**30.8**	*0.46*	3.59	*0.07*
USA, Michigan, Detroit: Black	1254	**50.1**	*1.47*	6.00	*0.22*	1412	**38.4**	*1.09*	4.49	*0.16*
USA, Michigan, Detroit: White	4224	**40.0**	*0.65*	4.77	*0.10*	4348	**28.8**	*0.51*	3.36	*0.07*
USA, Missouri	8625	**42.8**	*0.48*	5.07	*0.07*	8496	**29.9**	*0.37*	3.43	*0.05*
USA, Missouri: Black	715	**49.2**	*1.88*	5.77	*0.28*	840	**37.9**	*1.40*	4.35	*0.20*
USA, Missouri: White	7832	**42.4**	*0.50*	5.02	*0.07*	7594	**29.2**	*0.39*	3.35	*0.06*
USA, Montana	1340	**37.8**	*1.09*	4.47	*0.16*	1186	**26.7**	*0.88*	3.17	*0.13*
USA, NPCR	307163	**40.1**	*0.08*	4.77	*0.01*	305145	**29.2**	*0.06*	3.36	*0.01*
USA, NPCR: Black	27683	**44.7**	*0.27*	5.35	*0.04*	31173	**34.1**	*0.20*	3.99	*0.03*
USA, NPCR: White	268954	**39.6**	*0.08*	4.72	*0.01*	263920	**28.5**	*0.06*	3.28	*0.01*
USA, New Jersey	13569	**44.9**	*0.41*	5.32	*0.06*	13925	**32.2**	*0.31*	3.73	*0.05*
USA, New Jersey: Black	1396	**49.6**	*1.35*	5.81	*0.19*	1499	**36.2**	*0.97*	4.34	*0.14*
USA, New Jersey: White	11779	**44.7**	*0.44*	5.30	*0.07*	12088	**31.9**	*0.34*	3.67	*0.05*
USA, New Mexico	2009	**32.5**	*0.75*	3.94	*0.11*	1710	**22.2**	*0.58*	2.55	*0.08*
USA, New Mexico: American Indian	73	**21.4**	*2.57*	2.59	*0.37*	58	**13.3**	*1.79*	1.56	*0.25*
USA, New Mexico: Hispanic White	633	**34.3**	*1.39*	4.10	*0.20*	477	**20.9**	*1.00*	2.35	*0.14*
USA, New Mexico: Non-Hispanic White	1260	**32.4**	*0.97*	3.96	*0.14*	1138	**23.8**	*0.79*	2.76	*0.11*
USA, New York State	28258	**43.1**	*0.27*	5.14	*0.04*	29994	**31.7**	*0.21*	3.66	*0.03*
USA, New York State: Black	2766	**41.3**	*0.80*	5.07	*0.12*	3664	**33.8**	*0.59*	4.01	*0.09*
USA, New York State: White	24605	**43.9**	*0.30*	5.23	*0.04*	25520	**31.6**	*0.23*	3.64	*0.03*
USA, Ohio	16548	**41.1**	*0.33*	4.93	*0.05*	17131	**30.4**	*0.26*	3.57	*0.04*
USA, Ohio: Black	1421	**43.4**	*1.18*	5.19	*0.17*	1611	**33.4**	*0.89*	3.94	*0.13*
USA, Ohio: White	14702	**40.0**	*0.35*	4.81	*0.05*	15061	**29.5**	*0.27*	3.46	*0.04*
USA, Oklahoma	4945	**39.8**	*0.59*	4.68	*0.09*	4719	**28.3**	*0.46*	3.28	*0.07*
USA, Oregon	4489	**35.4**	*0.56*	4.24	*0.08*	4518	**27.5**	*0.47*	3.19	*0.07*
USA, Pennsylvania	22290	**45.3**	*0.32*	5.43	*0.05*	22679	**31.7**	*0.25*	3.68	*0.04*
USA, Pennsylvania: Black	1524	**48.9**	*1.29*	6.09	*0.19*	1724	**34.6**	*0.90*	4.02	*0.13*
USA, Pennsylvania: White	20421	**44.7**	*0.34*	5.36	*0.05*	20624	**31.2**	*0.26*	3.62	*0.04*
USA, Rhode Island	1789	**45.2**	*1.15*	5.30	*0.17*	1864	**31.6**	*0.87*	3.66	*0.13*
USA, SEER (9 Registries)	33857	**38.4**	*0.22*	4.55	*0.03*	33868	**28.4**	*0.17*	3.27	*0.03*
USA, SEER (9 Registries): Black	3020	**45.3**	*0.85*	5.26	*0.13*	3361	**35.5**	*0.65*	4.17	*0.10*
USA, SEER (9 Registries): White	27826	**37.9**	*0.24*	4.51	*0.04*	27853	**27.9**	*0.19*	3.22	*0.03*
USA, SEER (14 Registries)	92106	**38.6**	*0.13*	4.57	*0.02*	91132	**28.3**	*0.10*	3.26	*0.02*
USA, SEER (14 Registries): Asian and Pacific Islander	5622	**31.5**	*0.43*	3.73	*0.06*	5089	**22.5**	*0.33*	2.57	*0.05*
USA, SEER (14 Registries): Black	8328	**45.8**	*0.51*	5.42	*0.08*	9161	**35.5**	*0.39*	4.16	*0.06*
USA, SEER (14 Registries): Hispanic White	6364	**30.4**	*0.39*	3.65	*0.06*	5649	**21.2**	*0.29*	2.42	*0.04*
USA, SEER (14 Registries): Non-Hispanic White	70792	**39.3**	*0.16*	4.66	*0.02*	70342	**28.7**	*0.13*	3.31	*0.02*
USA, South Carolina	5557	**42.3**	*0.58*	5.09	*0.08*	5153	**28.9**	*0.44*	3.33	*0.06*
USA, South Carolina: Black	1321	**47.7**	*1.35*	5.80	*0.20*	1389	**32.8**	*0.94*	3.79	*0.13*
USA, South Carolina: White	4180	**40.6**	*0.65*	4.88	*0.09*	3715	**27.5**	*0.50*	3.16	*0.07*
USA, Texas	22324	**37.3**	*0.26*	4.44	*0.04*	20818	**26.4**	*0.20*	3.02	*0.03*
USA, Texas: Black	2474	**47.9**	*0.99*	5.73	*0.15*	2653	**36.0**	*0.74*	4.20	*0.11*
USA, Texas: White	19326	**36.3**	*0.27*	4.32	*0.04*	17644	**25.2**	*0.21*	2.88	*0.03*
USA, Utah	1688	**29.5**	*0.75*	3.42	*0.11*	1657	**23.8**	*0.64*	2.73	*0.09*
USA, Vermont	865	**38.6**	*1.37*	4.65	*0.21*	888	**29.8**	*1.13*	3.41	*0.16*
USA, Washington State	7301	**36.7**	*0.45*	4.37	*0.07*	6881	**27.0**	*0.37*	3.16	*0.05*
USA, Washington, Seattle	4765	**35.5**	*0.54*	4.20	*0.08*	4644	**27.0**	*0.44*	3.14	*0.07*
USA, West Virginia	3249	**44.4**	*0.82*	5.30	*0.12*	3310	**33.9**	*0.67*	3.91	*0.09*
USA, Wisconsin	7687	**39.8**	*0.48*	4.83	*0.07*	7392	**27.6**	*0.37*	3.19	*0.05*
Asia										
Bahrain: Bahraini	80	**13.2**	*1.52*	1.67	*0.23*	47	**7.3**	*1.11*	0.78	*0.15*
China, Guangzhou City	1374	**25.4**	*0.70*	3.00	*0.10*	1135	**17.8**	*0.54*	2.20	*0.08**
China, Hong Kong	8775	**39.2**	*0.43*	4.63	*0.06*	7234	**28.4**	*0.36*	3.28	*0.05*
China, Jiashan	272	**20.9**	*1.30*	2.59	*0.18*	242	**17.8**	*1.19*	2.21	*0.16**
China, Nangang District, Harbin City	427	**18.3**	*0.90*	2.26	*0.13*	366	**14.9**	*0.79*	1.81	*0.11*
China, Shanghai	6533	**27.2**	*0.35*	3.25	*0.05*	6339	**23.2**	*0.31*	2.78	*0.04**
China, Zhongshan	575	**17.4**	*0.74*	2.06	*0.10*	448	**12.7**	*0.62*	1.56	*0.09**
Cyprus	510	**21.6**	*1.00*	2.74	*0.15*	457	**16.9**	*0.85*	2.01	*0.12**
India, Chennai (Madras)	543	**5.7**	*0.25*	0.64	*0.03*	395	**4.3**	*0.22*	0.49	*0.03*
India, New Delhi	1155	**5.4**	*0.17*	0.63	*0.02*	675	**3.7**	*0.15*	0.43	*0.02**
India, Karunagappally	36	**4.1**	*0.69*	0.48	*0.10*	34	**3.6**	*0.63*	0.46	*0.09*
India, Mumbai (Bombay)	1334	**5.9**	*0.17*	0.67	*0.02*	914	**4.4**	*0.15*	0.51	*0.02*
India, Nagpur	249	**6.0**	*0.39*	0.70	*0.05*	160	**3.9**	*0.32*	0.42	*0.04**
India, Poona	335	**5.3**	*0.30*	0.60	*0.04*	302	**4.9**	*0.29*	0.59	*0.04**
India, Trivandrum	151	**5.6**	*0.46*	0.74	*0.07*	115	**3.9**	*0.37*	0.52	*0.06**
Israel	7337	**41.7**	*0.51*	4.97	*0.08*	7371	**33.8**	*0.43*	3.95	*0.06*
Israel: Jews	6966	**43.0**	*0.55*	5.15	*0.08*	6982	**34.7**	*0.45*	4.08	*0.06*
Israel: Non-Jews	272	**19.2**	*1.20*	2.40	*0.19*	257	**15.8**	*1.01*	1.90	*0.15*
Japan, Aichi Prefecture	1630	**41.5**	*1.04*	5.10	*0.15*	1220	**26.8**	*0.81*	3.11	*0.11*
Japan, Fukui Prefecture	1812	**44.3**	*1.10*	5.44	*0.15*	1454	**28.0**	*0.86*	3.28	*0.11*
Japan, Hiroshima	2304	**54.8**	*1.16*	6.74	*0.17*	1749	**32.7**	*0.83*	3.86	*0.12*
Japan, Miyagi Prefecture	6166	**58.7**	*0.77*	7.21	*0.11*	4331	**32.6**	*0.55*	3.81	*0.07*
Japan, Nagasaki Prefecture	3464	**46.8**	*0.84*	5.68	*0.12*	2842	**27.3**	*0.60*	3.18	*0.08*
Japan, Osaka Prefecture	14062	**37.4**	*0.32*	4.44	*0.04*	10353	**21.7**	*0.23*	2.50	*0.03*
Japan, Yamagata Prefecture	3652	**55.8**	*0.99*	6.79	*0.13*	2807	**31.4**	*0.71*	3.70	*0.09*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Large bowel (C18-21) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	25365	**29.5**	*0.19*	3.61	*0.03*	19979	**17.7**	*0.13*	2.12	*0.02*
Korea, Busan	2101	**25.8**	*0.61*	3.02	*0.09*	1665	**15.4**	*0.38*	1.84	*0.05*
Korea, Daegu	1490	**29.0**	*0.79*	3.47	*0.11*	1245	**18.4**	*0.52*	2.22	*0.08*
Korea, Daejeon	899	**34.8**	*1.22*	4.29	*0.18*	642	**18.8**	*0.76*	2.22	*0.11*
Korea, Gwangju	695	**27.5**	*1.10*	3.39	*0.16*	623	**17.6**	*0.72*	2.14	*0.11*
Korea, Incheon	1497	**31.4**	*0.86*	3.84	*0.13*	1167	**18.6**	*0.56*	2.27	*0.08*
Korea, Jejudo	165	**21.9**	*1.76*	2.80	*0.27*	156	**14.1**	*1.18*	1.54	*0.15*
Korea, Seoul	7332	**36.6**	*0.46*	4.35	*0.07*	5539	**21.6**	*0.30*	2.62	*0.04*
Korea, Ulsan	369	**27.2**	*1.59*	3.56	*0.26*	327	**18.7**	*1.07*	2.29	*0.16*
Kuwait: Kuwaitis	131	**13.7**	*1.24*	1.56	*0.18*	152	**12.5**	*1.07*	1.46	*0.15*
Kuwait: Non-Kuwaitis	152	**8.3**	*1.26*	0.87	*0.16*	83	**9.5**	*1.41*	1.03	*0.20*
Malaysia, Penang	443	**24.4**	*1.19*	3.02	*0.18*	373	**16.8**	*0.88*	1.98	*0.13*
Malaysia, Sarawak	490	**13.8**	*0.64*	1.66	*0.09*	438	**12.2**	*0.59*	1.42	*0.08*
Oman: Omani	94	**5.3**	*0.56*	0.65	*0.08*	62	**3.7**	*0.48*	0.41	*0.07**
Pakistan, South Karachi	210	**7.1**	*0.53*	0.83	*0.08*	112	**5.2**	*0.53*	0.59	*0.07**
Philippines, Manila	1560	**24.3**	*0.66*	2.89	*0.10*	1483	**18.5**	*0.50*	2.24	*0.08**
Singapore	3228	**40.1**	*0.72*	4.63	*0.10*	2782	**29.3**	*0.57*	3.30	*0.08*
Singapore: Chinese	2907	**46.0**	*0.87*	5.36	*0.13*	2537	**31.7**	*0.65*	3.58	*0.09*
Singapore: Indian	117	**15.8**	*1.54*	1.81	*0.19*	72	**13.7**	*1.69*	1.66	*0.24*
Singapore: Malay	204	**22.5**	*1.62*	2.60	*0.23*	173	**18.2**	*1.42*	2.12	*0.20*
Thailand, Chiang Mai	389	**9.9**	*0.51*	1.14	*0.07*	384	**9.2**	*0.48*	1.09	*0.06**
Thailand, Lampang	265	**12.1**	*0.75*	1.39	*0.10*	235	**9.7**	*0.64*	1.09	*0.08**
Thailand, Songkhla	265	**9.7**	*0.60*	1.11	*0.09*	217	**7.1**	*0.49*	0.93	*0.07*
Turkey, Antalya	385	**12.9**	*0.67*	1.61	*0.10*	272	**9.2**	*0.56*	1.10	*0.08**
Turkey, Izmir	1139	**14.4**	*0.43*	1.77	*0.06*	842	**9.9**	*0.34*	1.20	*0.05**
Europe										
Austria	12767	**40.9**	*0.37*	4.98	*0.05*	11780	**24.3**	*0.26*	2.75	*0.04*
Austria, Tyrol	908	**37.6**	*1.27*	4.53	*0.19*	858	**23.9**	*0.92*	2.58	*0.13*
Austria, Vorarlberg	452	**39.2**	*1.86*	4.93	*0.28*	435	**26.4**	*1.39*	3.00	*0.20*
Belarus	7875	**26.4**	*0.30*	3.31	*0.04*	8868	**18.2**	*0.21*	2.25	*0.03**
Belgium, Antwerp	2819	**37.4**	*0.73*	4.44	*0.11*	2287	**23.1**	*0.55*	2.60	*0.08**
Belgium, Flanders	8578	**40.6**	*0.46*	4.82	*0.06*	7301	**26.7**	*0.35*	3.03	*0.05*
Bulgaria	10419	**30.6**	*0.31*	3.84	*0.04*	8271	**19.6**	*0.23*	2.38	*0.03**
Croatia	7224	**42.5**	*0.51*	5.22	*0.07*	5693	**23.7**	*0.34*	2.77	*0.05*
Czech Republic	21727	**59.1**	*0.41*	7.32	*0.06*	16111	**30.6**	*0.26*	3.60	*0.04*
Denmark	8994	**39.3**	*0.43*	4.64	*0.07*	8821	**29.8**	*0.36*	3.52	*0.05*
Estonia	1454	**31.6**	*0.84*	4.06	*0.12*	1803	**22.3**	*0.57*	2.71	*0.08*
Finland	5234	**25.6**	*0.36*	2.96	*0.05*	5780	**19.5**	*0.29*	2.16	*0.04*
France, Bas-Rhin	1780	**48.7**	*1.18*	5.93	*0.17*	1367	**26.1**	*0.80*	3.04	*0.11*
France, Calvados	858	**33.6**	*1.21*	3.78	*0.17*	747	**20.2**	*0.86*	2.25	*0.12*
France, Doubs	744	**38.6**	*1.46*	4.73	*0.22*	576	**21.9**	*1.03*	2.38	*0.14*
France, Haut-Rhin	1224	**45.7**	*1.33*	5.36	*0.19*	1012	**27.2**	*0.96*	3.07	*0.13*
France, Herault	1570	**38.0**	*1.03*	4.54	*0.15*	1348	**25.4**	*0.80*	2.98	*0.11*
France, Isere	1675	**40.3**	*1.02*	4.80	*0.15*	1362	**24.6**	*0.75*	2.75	*0.10*
France, Loire-Atlantique	1671	**39.0**	*0.99*	4.75	*0.15*	1372	**21.9**	*0.68*	2.45	*0.09*
France, Manche	754	**32.4**	*1.27*	3.82	*0.18*	641	**19.3**	*0.92*	2.15	*0.12*
France, Somme	813	**37.5**	*1.39*	4.62	*0.20*	703	**22.8**	*1.00*	2.56	*0.14*
France, Tarn	709	**37.2**	*1.54*	4.60	*0.22*	571	**22.9**	*1.17*	2.53	*0.15*
France, Vendee	1076	**40.2**	*1.31*	5.03	*0.19*	718	**21.0**	*0.92*	2.50	*0.13*
Germany, Brandenburg	4491	**43.2**	*0.65*	5.32	*0.09*	4166	**26.4**	*0.45*	3.03	*0.06*
Germany, Free State of Saxony	8616	**43.8**	*0.48*	5.36	*0.07*	8443	**25.7**	*0.33*	2.93	*0.05*
Germany, Hamburg	2277	**30.7**	*0.66*	3.54	*0.10*	2851	**23.4**	*0.52*	2.63	*0.07*
Germany, Mecklenburg-Western Pomerania	2975	**43.9**	*0.81*	5.30	*0.12*	2773	**26.0**	*0.54*	2.88	*0.07*
Germany, Munich	4465	**45.7**	*0.70*	5.47	*0.10*	4239	**29.3**	*0.51*	3.30	*0.07*
Germany, Northrhine-Westphalia: Munster	4778	**44.4**	*0.66*	5.18	*0.09*	4923	**29.2**	*0.48*	3.27	*0.07*
Germany, Saarland	2473	**51.1**	*1.05*	6.17	*0.15*	2438	**32.8**	*0.77*	3.72	*0.11*
Iceland	308	**31.2**	*1.86*	3.76	*0.28*	269	**23.8**	*1.60*	2.71	*0.23*
Ireland	5362	**43.2**	*0.61*	5.27	*0.09*	4075	**26.6**	*0.46*	3.10	*0.07*
Italy, Biella Province	401	**39.4**	*2.05*	5.03	*0.31*	367	**25.7**	*1.73*	2.92	*0.21*
Italy, Brescia Province	1013	**39.6**	*1.27*	4.62	*0.18*	983	**27.8**	*1.01*	3.12	*0.13*
Italy, Ferrara Province	1036	**50.4**	*1.68*	6.18	*0.24*	861	**31.8**	*1.30*	3.66	*0.17*
Italy, Florence and Prato	3008	**47.1**	*0.93*	5.61	*0.13*	2490	**29.5**	*0.70*	3.33	*0.09*
Italy, Genoa Province	1364	**42.4**	*1.24*	5.09	*0.18*	1344	**29.8**	*1.01*	3.43	*0.13*
Italy, Macerata Province	416	**41.6**	*2.22*	5.12	*0.32*	371	**28.7**	*1.78*	3.39	*0.24*
Italy, Milan	2257	**41.7**	*0.93*	4.84	*0.13*	2302	**27.8**	*0.68*	3.10	*0.09*
Italy, Modena Province	1433	**44.5**	*1.25*	5.48	*0.18*	1104	**25.6**	*0.91*	2.97	*0.12*
Italy, Naples	452	**29.0**	*1.38*	3.25	*0.19*	431	**22.3**	*1.12*	2.69	*0.16*
Italy, North East Cancer Surveillance Network	4781	**47.4**	*0.72*	5.68	*0.10*	3974	**28.4**	*0.53*	3.26	*0.07*
Italy, Parma Province	944	**42.6**	*1.50*	5.29	*0.22*	814	**27.1**	*1.17*	3.08	*0.15*
Italy, Ragusa Province	425	**30.9**	*1.61*	3.63	*0.23*	365	**22.8**	*1.34*	2.66	*0.18*
Italy, Reggio Emilia Province	1019	**43.3**	*1.45*	5.37	*0.21*	779	**26.0**	*1.12*	3.03	*0.15*
Italy, Romagna Region	2470	**45.5**	*0.99*	5.54	*0.14*	2112	**31.6**	*0.81*	3.71	*0.11*
Italy, Salerno Province	1009	**28.2**	*0.93*	3.45	*0.13*	840	**18.9**	*0.73*	2.19	*0.10*
Italy, Sassari Province	638	**32.0**	*1.31*	4.07	*0.20*	469	**19.7**	*1.00*	2.35	*0.14*
Italy, Syracuse Province	398	**28.8**	*1.52*	3.59	*0.22*	396	**23.6**	*1.31*	2.83	*0.18*
Italy, Sondrio	286	**37.4**	*2.26*	4.48	*0.33*	265	**25.3**	*1.79*	2.85	*0.24*
Italy, Torino	2052	**42.4**	*0.98*	5.07	*0.14*	1839	**27.7**	*0.75*	3.12	*0.10*
Italy, Umbria Region	2175	**47.0**	*1.10*	5.73	*0.16*	1798	**30.5**	*0.85*	3.61	*0.12*
Italy, Varese Province	920	**43.4**	*1.47*	5.09	*0.21*	811	**27.5**	*1.08*	3.25	*0.15*
Italy, Veneto Region	3307	**44.9**	*0.81*	5.45	*0.12*	2751	**26.6**	*0.59*	3.09	*0.08*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Large bowel (C18-21) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	2116	**26.9**	*0.59*	3.44	*0.09*	2598	**18.5**	*0.39*	2.30	*0.06*
Lithuania	3384	**30.4**	*0.53*	3.74	*0.08*	3472	**19.1**	*0.35*	2.25	*0.05*
Malta	375	**27.6**	*1.46*	3.40	*0.22*	390	**22.6**	*1.21*	2.64	*0.17*
Norway	7808	**40.7**	*0.50*	4.75	*0.07*	8066	**32.7**	*0.43*	3.80	*0.06*
Poland, Cracow	801	**31.6**	*1.14*	3.82	*0.16*	779	**20.3**	*0.77*	2.31	*0.11**
Poland, Kielce	1245	**28.6**	*0.83*	3.53	*0.12*	1093	**17.9**	*0.59*	2.12	*0.08*
Poland, Warsaw City	1860	**28.8**	*0.69*	3.72	*0.10*	1752	**18.5**	*0.47*	2.26	*0.07*
Portugal, Porto	4368	**40.4**	*0.65*	5.04	*0.09*	3528	**25.2**	*0.47*	3.00	*0.06**
Portugal, South Regional	4871	**40.9**	*0.61*	4.92	*0.09*	3749	**24.2**	*0.44*	2.71	*0.06*
Russia, St Petersburg	5299	**37.4**	*0.52*	4.67	*0.07*	7610	**27.3**	*0.34*	3.28	*0.05*
Serbia	5616	**30.0**	*0.41*	3.72	*0.06*	3859	**17.7**	*0.30*	2.14	*0.04*
Slovak Republic	8311	**52.5**	*0.59*	6.59	*0.09*	6086	**26.7**	*0.36*	3.15	*0.05*
Slovenia	3093	**44.5**	*0.80*	5.45	*0.12*	2450	**23.9**	*0.52*	2.80	*0.07*
Spain, Albacete	358	**26.0**	*1.51*	2.91	*0.20*	268	**16.6**	*1.19*	1.79	*0.15*
Spain, Asturias	2043	**37.5**	*0.89*	4.39	*0.12*	1381	**18.9**	*0.60*	2.23	*0.08*
Spain, Basque Country	3328	**44.8**	*0.81*	5.32	*0.11*	2129	**22.0**	*0.54*	2.47	*0.07*
Spain, Canary Islands	1453	**30.6**	*0.82*	3.62	*0.12*	1224	**21.2**	*0.64*	2.38	*0.09*
Spain, Cuenca	343	**28.5**	*1.80*	3.39	*0.24*	252	**19.2**	*1.55*	2.22	*0.19*
Spain, Girona	1126	**44.1**	*1.42*	5.20	*0.20*	789	**26.4**	*1.09*	3.02	*0.15*
Spain, Granada	995	**29.9**	*1.01*	3.63	*0.14*	774	**19.6**	*0.79*	2.27	*0.10*
Spain, Murcia	1681	**38.5**	*0.98*	4.47	*0.14*	1299	**24.3**	*0.75*	2.85	*0.10*
Spain, Navarra	1022	**39.4**	*1.32*	4.89	*0.19*	717	**22.1**	*0.97*	2.59	*0.13*
Spain, Tarragona	934	**41.3**	*1.46*	4.89	*0.21*	687	**25.8**	*1.14*	2.89	*0.15*
Spain, Zaragoza	1236	**29.7**	*0.91*	3.39	*0.12*	962	**18.8**	*0.71*	2.15	*0.09*
Sweden	13048	**30.0**	*0.29*	3.56	*0.04*	12548	**23.4**	*0.25*	2.82	*0.04*
Switzerland, Geneva	527	**32.8**	*1.47*	3.87	*0.22*	569	**24.9**	*1.18*	2.77	*0.16*
Switzerland, Graubunden and Glarus	335	**35.5**	*2.03*	4.29	*0.30*	262	**21.1**	*1.49*	2.52	*0.22*
Switzerland, Neuchatel	272	**37.9**	*2.45*	4.76	*0.37*	209	**21.3**	*1.71*	2.41	*0.23*
Switzerland, St Gall-Appenzell	648	**32.2**	*1.32*	3.74	*0.19*	561	**20.9**	*1.00*	2.47	*0.14*
Switzerland, Ticino	503	**36.0**	*1.67*	4.37	*0.25*	454	**23.3**	*1.28*	2.67	*0.17*
Switzerland, Valais	372	**35.1**	*1.89*	4.26	*0.27*	257	**19.4**	*1.33*	2.30	*0.18*
Switzerland, Vaud	935	**36.9**	*1.27*	4.36	*0.19*	856	**24.7**	*0.97*	2.96	*0.14*
The Netherlands	23987	**39.8**	*0.26*	4.80	*0.04*	22425	**28.7**	*0.21*	3.40	*0.03*
The Netherlands, Eindhoven	1627	**43.9**	*1.10*	5.37	*0.16*	1493	**32.3**	*0.89*	3.89	*0.13*
The Netherlands, Maastricht	1541	**42.0**	*1.10*	5.11	*0.16*	1382	**29.4**	*0.87*	3.58	*0.13*
UK, East of England Region	4507	**35.0**	*0.55*	4.11	*0.08*	3983	**24.5**	*0.45*	2.87	*0.06*
UK, England, Merseyside and Cheshire	4206	**40.9**	*0.66*	4.92	*0.10*	3309	**23.0**	*0.46*	2.62	*0.07*
UK, England, North Western	6644	**38.6**	*0.50*	4.63	*0.07*	5751	**24.5**	*0.37*	2.86	*0.05*
UK, England, Northern and Yorkshire	11592	**40.5**	*0.39*	4.88	*0.06*	9400	**24.2**	*0.29*	2.80	*0.04*
UK, England, Oxford Region	3604	**33.8**	*0.58*	4.06	*0.09*	3204	**23.7**	*0.47*	2.78	*0.07*
UK, England, South and Western Regions	11560	**35.5**	*0.36*	4.20	*0.05*	10896	**24.8**	*0.28*	2.83	*0.04*
UK, England, Thames	18022	**32.0**	*0.25*	3.77	*0.04*	17201	**22.3**	*0.20*	2.57	*0.03*
UK, England, Trent	7801	**36.1**	*0.43*	4.23	*0.06*	6420	**22.9**	*0.33*	2.65	*0.05*
UK, England, West Midlands	8807	**38.3**	*0.43*	4.60	*0.06*	7116	**23.9**	*0.32*	2.76	*0.05*
UK, Northern Ireland	2382	**40.1**	*0.85*	4.87	*0.13*	2181	**27.7**	*0.66*	3.23	*0.09*
UK, Scotland	9035	**43.1**	*0.47*	5.19	*0.07*	8111	**27.5**	*0.35*	3.21	*0.05*
Oceania										
Australia, New South Wales	11289	**47.2**	*0.46*	5.81	*0.07*	9461	**33.2**	*0.38*	3.96	*0.05*
Australia, Northern Territory	144	**36.8**	*3.29*	4.80	*0.53*	82	**24.9**	*2.94*	2.67	*0.40*
Australia, Queensland	6249	**50.1**	*0.65*	6.17	*0.10*	5143	**35.3**	*0.54*	4.15	*0.08*
Australia, South	2928	**48.5**	*0.94*	5.94	*0.14*	2605	**34.1**	*0.76*	3.91	*0.11*
Australia, Tasmania	885	**48.4**	*1.69*	6.06	*0.25*	830	**36.3**	*1.40*	4.25	*0.20*
Australia, Victoria	8543	**48.3**	*0.54*	5.83	*0.08*	7252	**33.1**	*0.43*	3.89	*0.06*
Australia, Western	2894	**46.3**	*0.88*	5.51	*0.13*	2282	**30.7**	*0.70*	3.50	*0.10*
Australian Capital Territory	438	**50.9**	*2.50*	6.33	*0.38*	340	**32.7**	*1.88*	3.68	*0.27*
French Polynesia	69	**17.3**	*2.18*	2.07	*0.31*	40	**9.8**	*1.57*	1.01	*0.21*
New Zealand	6436	**49.3**	*0.64*	6.13	*0.09*	6296	**39.5**	*0.55*	4.77	*0.08*
USA, Hawaii	1890	**41.1**	*1.01*	4.99	*0.15*	1470	**26.4**	*0.76*	3.01	*0.11*
USA, Hawaii: Chinese	134	**33.1**	*3.22*	3.57	*0.43*	116	**22.5**	*2.44*	2.38	*0.33*
USA, Hawaii: Filipino	270	**38.5**	*2.52*	4.67	*0.36*	143	**18.6**	*1.61*	2.14	*0.22*
USA, Hawaii: Hawaiian	200	**41.7**	*3.01*	4.96	*0.45*	162	**28.8**	*2.33*	3.24	*0.31*
USA, Hawaii: Japanese	739	**53.8**	*2.29*	6.68	*0.32*	613	**32.0**	*1.62*	3.74	*0.21*
USA, Hawaii: White	458	**37.0**	*1.81*	4.37	*0.27*	334	**24.8**	*1.50*	2.80	*0.22*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Colon (C18)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	66	**3.0**	*0.40*	-	-	65	**2.8**	*0.37*	-	- *
Egypt, Gharbiah	212	**4.2**	*0.31*	-	-	152	**2.7**	*0.22*	-	-
Tunisia, Centre, Sousse	62	**6.5**	*0.85*	-	-	62	**6.1**	*0.79*	-	- *
Uganda, Kyadondo County	29	**2.9**	*0.63*	-	-	43	**4.1**	*0.68*	-	- *
Zimbabwe, Harare: African	67	**3.8**	*0.55*	-	-	44	**3.2**	*0.56*	-	- *
America, Central and South										
Argentina, Bahia Blanca	186	**20.3**	*1.56*	2.34	*0.22*	145	**11.2**	*1.05*	1.31	*0.15*
Brazil, Brasilia	311	**15.3**	*0.94*	1.74	*0.14*	378	**14.9**	*0.82*	1.66	*0.12*
Brazil, Cuiaba	53	**7.9**	*1.14*	0.94	*0.17*	56	**8.0**	*1.12*	0.92	*0.17*
Brazil, Goiania	146	**10.5**	*0.90*	1.32	*0.14*	189	**10.5**	*0.78*	1.16	*0.11*
Brazil, Sao Paulo	3866	**19.3**	*0.32*	2.23	*0.05*	4593	**15.9**	*0.25*	1.78	*0.04*
Chile, Valdivia	68	**7.8**	*0.96*	0.97	*0.15*	101	**9.4**	*0.96*	1.07	*0.14*
Colombia, Cali	270	**7.8**	*0.49*	0.86	*0.07*	409	**9.0**	*0.46*	1.05	*0.07*
Costa Rica	616	**8.3**	*0.34*	0.94	*0.05*	673	**7.9**	*0.31*	0.81	*0.04*
Ecuador, Quito	150	**5.5**	*0.47*	0.65	*0.07*	181	**5.5**	*0.42*	0.65	*0.06*
France, La Martinique	125	**10.9**	*1.00*	1.33	*0.14*	177	**11.3**	*0.92*	1.19	*0.12*
Peru, Trujillo	55	**6.0**	*0.83*	0.68	*0.12*	51	**4.3**	*0.63*	0.47	*0.10**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	22226	**26.1**	*0.18*	3.08	*0.03*	22087	**20.3**	*0.15*	2.34	*0.02*
Canada, Alberta	2205	**23.6**	*0.52*	2.77	*0.08*	1979	**17.3**	*0.42*	1.97	*0.06*
Canada, British Columbia	3437	**21.2**	*0.38*	2.41	*0.06*	3389	**16.7**	*0.32*	1.89	*0.05*
Canada, Manitoba	1195	**27.2**	*0.84*	3.15	*0.12*	1218	**20.5**	*0.68*	2.40	*0.10*
Canada, New Brunswick	742	**25.7**	*0.98*	3.19	*0.15*	804	**21.7**	*0.86*	2.53	*0.13*
Canada, Newfoundland and Labrador	638	**33.2**	*1.35*	3.98	*0.20*	553	**24.9**	*1.13*	2.99	*0.17*
Canada, Northwest Territories	30	**40.2**	*7.70*	4.79	*1.12*	16	**22.3**	*5.78*	2.38	*0.96*
Canada, Nova Scotia	1163	**31.7**	*0.97*	3.61	*0.14*	1190	**24.2**	*0.80*	2.72	*0.12*
Canada, Ontario	11659	**27.7**	*0.27*	3.33	*0.04*	11744	**21.6**	*0.22*	2.51	*0.03*
Canada, Prince Edward Island	150	**25.5**	*2.20*	2.47	*0.31*	185	**26.1**	*2.18*	3.13	*0.34*
Canada, Saskatchewan	1007	**24.2**	*0.83*	2.80	*0.12*	1009	**18.7**	*0.70*	2.14	*0.10*
USA, Alabama	4096	**26.7**	*0.43*	3.19	*0.06*	4170	**19.6**	*0.34*	2.29	*0.05*
USA, Alabama: Black	819	**29.7**	*1.08*	3.58	*0.16*	1056	**25.0**	*0.84*	3.02	*0.12*
USA, Alabama: White	3239	**25.9**	*0.47*	3.09	*0.07*	3064	**18.0**	*0.36*	2.08	*0.05*
USA, Alaska	366	**25.9**	*1.40*	3.17	*0.22*	341	**23.2**	*1.31*	2.83	*0.21*
USA, Arizona	4278	**21.9**	*0.36*	2.50	*0.05*	4033	**16.5**	*0.29*	1.87	*0.04*
USA, California	24224	**22.6**	*0.15*	2.64	*0.02*	25391	**17.7**	*0.12*	1.99	*0.02*
USA, California: Asian and Pacific Islander	2130	**18.3**	*0.41*	2.14	*0.06*	2270	**15.3**	*0.33*	1.73	*0.05*
USA, California: Black	1663	**29.1**	*0.73*	3.45	*0.11*	1928	**24.7**	*0.60*	2.90	*0.09*
USA, California: Hispanic White	2803	**18.2**	*0.36*	2.16	*0.05*	2702	**13.5**	*0.27*	1.51	*0.04*
USA, California: Non-Hispanic White	17350	**23.7**	*0.19*	2.76	*0.03*	18248	**18.3**	*0.16*	2.07	*0.02*
USA, California, Greater San Francisco Bay Area	4881	**22.8**	*0.34*	2.64	*0.05*	5262	**18.0**	*0.28*	2.02	*0.04*
USA, California, Greater San Francisco Bay Area: Black	364	**26.8**	*1.45*	2.94	*0.21*	405	**22.1**	*1.19*	2.53	*0.17*
USA, California, Greater San Francisco Bay Area: Chinese	370	**21.1**	*1.16*	2.45	*0.17*	382	**17.9**	*0.98*	2.11	*0.14*
USA, California, Greater San Francisco Bay Area: Filipino	135	**15.3**	*1.36*	1.96	*0.21*	175	**14.1**	*1.10*	1.58	*0.15*
USA, California, Greater San Francisco Bay Area: Japanese	87	**26.6**	*3.15*	3.14	*0.45*	99	**17.3**	*1.97*	2.12	*0.28*
USA, California, Greater San Francisco Bay Area: Hispanic White	434	**20.5**	*1.02*	2.26	*0.15*	376	**13.3**	*0.72*	1.39	*0.10*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	3269	**23.6**	*0.44*	2.74	*0.07*	3588	**18.5**	*0.37*	2.07	*0.05*
USA, California, Los Angeles County	6405	**23.3**	*0.30*	2.74	*0.05*	6826	**17.9**	*0.24*	2.00	*0.04*
USA, California, Los Angeles County: Black	784	**30.8**	*1.12*	3.73	*0.17*	981	**26.2**	*0.89*	3.01	*0.13*
USA, California, Los Angeles County: Chinese	269	**22.3**	*1.43*	2.50	*0.21*	239	**16.3**	*1.12*	1.75	*0.16*
USA, California, Los Angeles County: Filipino	151	**18.8**	*1.58*	2.26	*0.24*	147	**13.4**	*1.14*	1.52	*0.16*
USA, California, Los Angeles County: Japanese	178	**27.0**	*2.30*	2.90	*0.32*	193	**23.1**	*1.95*	2.46	*0.26*
USA, California, Los Angeles County: Korean	108	**20.3**	*1.98*	2.56	*0.32*	107	**14.3**	*1.44*	1.54	*0.19*
USA, California, Los Angeles County: Hispanic White	1016	**17.4**	*0.57*	2.14	*0.09*	1041	**12.6**	*0.41*	1.39	*0.06*
USA, California, Los Angeles County: Non-Hispanic White	3763	**25.2**	*0.45*	2.94	*0.07*	3965	**19.2**	*0.37*	2.17	*0.05*
USA, Colorado	2821	**21.8**	*0.43*	2.57	*0.06*	3041	**18.0**	*0.36*	2.10	*0.05*
USA, Connecticut	3649	**28.0**	*0.50*	3.29	*0.07*	4142	**21.9**	*0.40*	2.49	*0.06*
USA, Connecticut: Black	195	**28.1**	*2.05*	3.29	*0.30*	286	**29.2**	*1.78*	3.74	*0.28*
USA, Connecticut: White	3394	**27.8**	*0.51*	3.27	*0.08*	3812	**21.2**	*0.41*	2.39	*0.06*
USA, District of Columbia	549	**29.7**	*1.33*	3.34	*0.19*	717	**25.3**	*1.08*	2.82	*0.15*
USA, District of Columbia: Black	418	**36.0**	*1.86*	4.00	*0.26*	541	**28.4**	*1.38*	3.21	*0.19*
USA, District of Columbia: White	117	**18.0**	*1.76*	2.10	*0.28*	153	**17.5**	*1.69*	1.80	*0.24*
USA, Florida	20057	**26.6**	*0.21*	3.11	*0.03*	20498	**20.7**	*0.17*	2.34	*0.02*
USA, Florida: Black	1574	**30.0**	*0.77*	3.62	*0.11*	1768	**24.0**	*0.60*	2.77	*0.09*
USA, Florida: White	18229	**26.2**	*0.22*	3.06	*0.03*	18470	**20.2**	*0.18*	2.29	*0.02*
USA, Georgia	5951	**26.2**	*0.35*	3.06	*0.05*	6326	**20.1**	*0.27*	2.34	*0.04*
USA, Georgia: Black	1436	**32.4**	*0.88*	3.77	*0.13*	1756	**25.7**	*0.65*	3.03	*0.10*
USA, Georgia: White	4457	**24.7**	*0.38*	2.90	*0.06*	4515	**18.5**	*0.30*	2.15	*0.04*
USA, Georgia, Atlanta	1669	**25.1**	*0.63*	2.88	*0.09*	1913	**20.5**	*0.50*	2.41	*0.08*
USA, Georgia, Atlanta: Black	522	**33.0**	*1.51*	3.77	*0.23*	641	**26.3**	*1.10*	3.07	*0.17*
USA, Georgia, Atlanta: White	1111	**23.0**	*0.71*	2.65	*0.11*	1239	**18.5**	*0.58*	2.18	*0.09*
USA, Idaho	902	**20.3**	*0.71*	2.37	*0.11*	968	**16.7**	*0.61*	1.90	*0.09*
USA, Illinois	12175	**29.1**	*0.28*	3.41	*0.04*	13615	**22.6**	*0.22*	2.58	*0.03*
USA, Illinois: Black	1594	**36.9**	*0.94*	4.41	*0.14*	1933	**29.7**	*0.71*	3.46	*0.10*
USA, Illinois: White	10275	**28.0**	*0.29*	3.28	*0.04*	11369	**21.4**	*0.24*	2.43	*0.03*
USA, Indiana	5820	**27.5**	*0.38*	3.21	*0.06*	6573	**22.1**	*0.31*	2.54	*0.05*
USA, Iowa	3443	**29.0**	*0.53*	3.34	*0.08*	4004	**23.3**	*0.44*	2.70	*0.07*
USA, Kentucky	4144	**29.6**	*0.47*	3.45	*0.07*	4596	**23.9**	*0.39*	2.79	*0.06*
USA, Louisiana	4365	**30.7**	*0.48*	3.65	*0.07*	4388	**22.1**	*0.37*	2.50	*0.05*
USA, Louisiana: Black	1183	**36.1**	*1.08*	4.25	*0.16*	1308	**27.0**	*0.80*	3.04	*0.11*
USA, Louisiana: White	3153	**29.2**	*0.54*	3.48	*0.08*	3055	**20.4**	*0.42*	2.32	*0.06*
USA, Louisiana, New Orleans: Black	357	**37.2**	*2.02*	4.45	*0.30*	391	**26.4**	*1.41*	2.87	*0.20*
USA, Louisiana, New Orleans: White	632	**29.0**	*1.22*	3.71	*0.19*	652	**19.1**	*0.88*	2.14	*0.13*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Colon (C18) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	1409	**27.1**	*0.76*	3.17	*0.11*	1655	**22.7**	*0.65*	2.58	*0.10*
USA, Massachusetts	6516	**28.1**	*0.37*	3.39	*0.06*	7521	**21.4**	*0.29*	2.42	*0.04*
USA, Michigan	8957	**25.9**	*0.29*	3.04	*0.04*	9822	**20.3**	*0.23*	2.32	*0.03*
USA, Michigan: Black	1194	**35.2**	*1.06*	4.17	*0.16*	1380	**27.6**	*0.80*	3.14	*0.12*
USA, Michigan: White	7635	**24.8**	*0.30*	2.90	*0.04*	8309	**19.2**	*0.24*	2.20	*0.04*
USA, Michigan, Detroit	3694	**27.3**	*0.47*	3.23	*0.07*	4194	**21.3**	*0.38*	2.47	*0.06*
USA, Michigan, Detroit: Black	915	**36.3**	*1.25*	4.34	*0.19*	1055	**27.7**	*0.92*	3.20	*0.13*
USA, Michigan, Detroit: White	2732	**25.3**	*0.51*	2.98	*0.08*	3108	**19.7**	*0.41*	2.29	*0.06*
USA, Missouri	6017	**29.4**	*0.40*	3.45	*0.06*	6382	**21.6**	*0.31*	2.45	*0.05*
USA, Missouri: Black	529	**36.6**	*1.63*	4.34	*0.24*	685	**31.0**	*1.27*	3.56	*0.18*
USA, Missouri: White	5439	**28.9**	*0.41*	3.39	*0.06*	5653	**20.7**	*0.32*	2.35	*0.05*
USA, Montana	882	**24.2**	*0.86*	2.80	*0.13*	883	**19.1**	*0.73*	2.29	*0.11*
USA, NPCR	208706	**26.7**	*0.06*	3.14	*0.01*	223919	**20.6**	*0.05*	2.36	*0.01*
USA, NPCR: Black	20141	**32.5**	*0.23*	3.88	*0.03*	24011	**26.0**	*0.18*	3.03	*0.03*
USA, NPCR: White	181971	**26.2**	*0.06*	3.07	*0.01*	193048	**20.0**	*0.05*	2.28	*0.01*
USA, New Jersey	9177	**29.8**	*0.33*	3.48	*0.05*	10170	**22.8**	*0.26*	2.61	*0.04*
USA, New Jersey: Black	985	**35.1**	*1.14*	4.08	*0.16*	1141	**27.4**	*0.84*	3.24	*0.12*
USA, New Jersey: White	7955	**29.4**	*0.35*	3.44	*0.05*	8811	**22.4**	*0.28*	2.55	*0.04*
USA, New Mexico	1313	**20.8**	*0.60*	2.55	*0.09*	1224	**15.5**	*0.48*	1.79	*0.07*
USA, New Mexico: American Indian	40	**12.1**	*1.96*	1.68	*0.32*	42	**9.7**	*1.53*	1.20	*0.23*
USA, New Mexico: Hispanic White	391	**21.0**	*1.09*	2.61	*0.17*	347	**15.0**	*0.85*	1.67	*0.12*
USA, New Mexico: Non-Hispanic White	853	**21.5**	*0.78*	2.60	*0.12*	809	**16.5**	*0.65*	1.92	*0.09*
USA, New York State	19243	**28.7**	*0.22*	3.38	*0.03*	22028	**22.5**	*0.17*	2.58	*0.03*
USA, New York State: Black	1971	**29.5**	*0.67*	3.63	*0.10*	2776	**25.3**	*0.50*	2.99	*0.07*
USA, New York State: White	16695	**29.0**	*0.24*	3.40	*0.04*	18687	**22.2**	*0.19*	2.54	*0.03*
USA, Ohio	11405	**27.8**	*0.27*	3.29	*0.04*	12656	**21.7**	*0.22*	2.53	*0.03*
USA, Ohio: Black	1069	**32.7**	*1.03*	3.85	*0.15*	1248	**25.5**	*0.77*	2.98	*0.11*
USA, Ohio: White	10071	**26.8**	*0.28*	3.18	*0.04*	11106	**20.8**	*0.23*	2.43	*0.03*
USA, Oklahoma	3494	**27.5**	*0.49*	3.19	*0.07*	3533	**20.5**	*0.39*	2.35	*0.06*
USA, Oregon	3009	**23.0**	*0.45*	2.70	*0.07*	3241	**18.7**	*0.38*	2.15	*0.06*
USA, Pennsylvania	15234	**30.2**	*0.26*	3.59	*0.04*	16792	**22.5**	*0.21*	2.60	*0.03*
USA, Pennsylvania: Black	1124	**36.0**	*1.11*	4.48	*0.17*	1335	**26.5**	*0.79*	3.08	*0.11*
USA, Pennsylvania: White	13884	**29.6**	*0.27*	3.50	*0.04*	15260	**22.1**	*0.21*	2.55	*0.03*
USA, Rhode Island	1207	**29.8**	*0.93*	3.49	*0.14*	1370	**22.7**	*0.74*	2.62	*0.11*
USA, SEER (9 Registries)	22515	**25.1**	*0.18*	2.93	*0.03*	24700	**19.9**	*0.14*	2.28	*0.02*
USA, SEER (9 Registries): Black	2129	**32.2**	*0.72*	3.72	*0.11*	2530	**26.4**	*0.56*	3.09	*0.08*
USA, SEER (9 Registries): White	18527	**24.7**	*0.19*	2.89	*0.03*	20284	**19.4**	*0.16*	2.23	*0.02*
USA, SEER (14 Registries)	61287	**25.2**	*0.11*	2.95	*0.02*	65837	**19.7**	*0.09*	2.25	*0.01*
USA, SEER (14 Registries): Asian and Pacific Islander	3435	**19.1**	*0.34*	2.24	*0.05*	3504	**15.2**	*0.27*	1.71	*0.04*
USA, SEER (14 Registries): Black	5945	**32.8**	*0.44*	3.85	*0.06*	6945	**26.6**	*0.34*	3.11	*0.05*
USA, SEER (14 Registries): Hispanic White	3951	**19.1**	*0.31*	2.28	*0.05*	3845	**14.4**	*0.24*	1.62	*0.04*
USA, SEER (14 Registries): Non-Hispanic White	47351	**25.6**	*0.13*	2.99	*0.02*	50950	**19.8**	*0.10*	2.27	*0.02*
USA, South Carolina	3907	**29.3**	*0.48*	3.51	*0.07*	3917	**21.4**	*0.37*	2.46	*0.05*
USA, South Carolina: Black	984	**35.3**	*1.16*	4.31	*0.17*	1105	**25.9**	*0.83*	3.03	*0.12*
USA, South Carolina: White	2891	**27.6**	*0.53*	3.29	*0.08*	2780	**19.8**	*0.42*	2.28	*0.06*
USA, Texas	15039	**24.8**	*0.21*	2.90	*0.03*	15045	**18.5**	*0.16*	2.09	*0.02*
USA, Texas: Black	1794	**34.8**	*0.84*	4.13	*0.12*	2040	**27.3**	*0.64*	3.15	*0.09*
USA, Texas: White	12914	**23.8**	*0.22*	2.79	*0.03*	12661	**17.4**	*0.17*	1.97	*0.02*
USA, Utah	1100	**18.8**	*0.59*	2.18	*0.09*	1140	**15.6**	*0.51*	1.77	*0.07*
USA, Vermont	598	**26.0**	*1.11*	3.03	*0.17*	647	**20.7**	*0.93*	2.34	*0.14*
USA, Washington State	4771	**23.6**	*0.36*	2.79	*0.06*	5017	**18.9**	*0.30*	2.21	*0.05*
USA, Washington, Seattle	3105	**22.8**	*0.43*	2.68	*0.07*	3370	**18.8**	*0.37*	2.18	*0.06*
USA, West Virginia	2149	**29.0**	*0.66*	3.44	*0.10*	2358	**23.3**	*0.55*	2.72	*0.08*
USA, Wisconsin	5270	**26.7**	*0.39*	3.21	*0.06*	5610	**20.2**	*0.31*	2.33	*0.05*
Asia										
Bahrain: Bahraini	48	**7.9**	*1.17*	0.96	*0.17*	32	**5.1**	*0.94*	0.59	*0.13*
China, Guangzhou City	756	**14.0**	*0.53*	1.66	*0.08*	698	**10.9**	*0.42*	1.37	*0.06**
China, Hong Kong	5366	**23.8**	*0.33*	2.78	*0.05*	4875	**18.9**	*0.29*	2.16	*0.04*
China, Jiashan	127	**9.8**	*0.89*	1.24	*0.13*	119	**8.7**	*0.83*	1.10	*0.11**
China, Nangang District, Harbin City	219	**9.4**	*0.65*	1.14	*0.09*	192	**7.8**	*0.57*	0.94	*0.08*
China, Shanghai	3788	**15.8**	*0.27*	1.88	*0.04*	4051	**14.6**	*0.25*	1.78	*0.03**
China, Zhongshan	280	**8.5**	*0.52*	1.00	*0.07*	225	**6.5**	*0.45*	0.81	*0.06**
Cyprus	335	**14.1**	*0.81*	1.78	*0.12*	325	**12.1**	*0.72*	1.45	*0.10**
India, Chennai (Madras)	181	**1.9**	*0.14*	0.21	*0.02*	148	**1.6**	*0.13*	0.18	*0.02*
India, New Delhi	548	**2.6**	*0.12*	0.30	*0.02*	339	**1.9**	*0.11*	0.24	*0.02**
India, Karunagappally	18	**2.0**	*0.47*	0.23	*0.07*	19	**2.1**	*0.48*	0.26	*0.07*
India, Mumbai (Bombay)	672	**3.0**	*0.12*	0.34	*0.02*	479	**2.4**	*0.11*	0.27	*0.02*
India, Nagpur	113	**2.7**	*0.27*	0.32	*0.04*	73	**1.8**	*0.22*	0.18	*0.02**
India, Poona	147	**2.3**	*0.20*	0.25	*0.03*	141	**2.3**	*0.20*	0.28	*0.03**
India, Trivandrum	62	**2.2**	*0.29*	0.30	*0.04*	46	**1.6**	*0.24*	0.21	*0.03**
Israel	5047	**28.2**	*0.42*	3.32	*0.06*	5341	**24.0**	*0.36*	2.80	*0.05*
Israel: Jews	4823	**29.2**	*0.45*	3.46	*0.07*	5060	**24.6**	*0.38*	2.89	*0.05*
Israel: Non-Jews	149	**10.6**	*0.89*	1.35	*0.14*	175	**10.8**	*0.84*	1.35	*0.13*
Japan, Aichi Prefecture	983	**24.9**	*0.80*	2.99	*0.11*	835	**18.1**	*0.66*	2.11	*0.09*
Japan, Fukui Prefecture	1133	**27.2**	*0.85*	3.30	*0.12*	1040	**19.6**	*0.71*	2.30	*0.09*
Japan, Hiroshima	1368	**32.1**	*0.88*	3.89	*0.13*	1198	**21.9**	*0.68*	2.59	*0.10*
Japan, Miyagi Prefecture	3850	**36.0**	*0.60*	4.42	*0.09*	2932	**21.5**	*0.44*	2.54	*0.06*
Japan, Nagasaki Prefecture	2063	**27.2**	*0.64*	3.30	*0.09*	1869	**17.1**	*0.46*	2.00	*0.06*
Japan, Osaka Prefecture	8907	**23.6**	*0.25*	2.78	*0.04*	7354	**15.0**	*0.19*	1.72	*0.03*
Japan, Yamagata Prefecture	2263	**33.9**	*0.76*	4.05	*0.10*	1954	**21.1**	*0.57*	2.51	*0.08*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Colon (C18) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	12181	**14.2**	*0.13*	1.72	*0.02*	10043	**8.8**	*0.09*	1.04	*0.01*
Korea, Busan	1014	**12.7**	*0.44*	1.43	*0.06*	838	**7.8**	*0.27*	0.91	*0.04*
Korea, Daegu	684	**13.5**	*0.55*	1.64	*0.08*	613	**9.1**	*0.37*	1.10	*0.05*
Korea, Daejeon	422	**16.7**	*0.86*	2.07	*0.13*	303	**8.8**	*0.52*	1.02	*0.07*
Korea, Gwangju	362	**14.6**	*0.82*	1.76	*0.12*	319	**8.9**	*0.51*	1.06	*0.07*
Korea, Incheon	727	**15.5**	*0.61*	1.85	*0.09*	611	**9.8**	*0.40*	1.19	*0.06*
Korea, Jejudo	85	**11.2**	*1.25*	1.52	*0.21*	75	**6.9**	*0.82*	0.77	*0.10*
Korea, Seoul	3682	**18.7**	*0.33*	2.23	*0.05*	2938	**11.5**	*0.22*	1.38	*0.03*
Korea, Ulsan	194	**14.8**	*1.21*	1.91	*0.19*	169	**9.9**	*0.79*	1.17	*0.11*
Kuwait: Kuwaitis	80	**8.4**	*0.97*	0.91	*0.14*	94	**7.6**	*0.83*	0.93	*0.12*
Kuwait: Non-Kuwaitis	83	**5.5**	*1.06*	0.58	*0.13*	55	**6.7**	*1.20*	0.69	*0.15*
Malaysia, Penang	253	**13.9**	*0.89*	1.64	*0.13*	231	**10.4**	*0.70*	1.22	*0.10*
Malaysia, Sarawak	261	**7.3**	*0.47*	0.85	*0.07*	254	**7.1**	*0.45*	0.83	*0.07*
Oman: Omani	46	**2.5**	*0.38*	0.29	*0.05*	37	**2.2**	*0.38*	0.23	*0.05**
Pakistan, South Karachi	101	**3.6**	*0.38*	0.42	*0.05*	73	**3.5**	*0.44*	0.42	*0.06**
Philippines, Manila	909	**14.5**	*0.52*	1.70	*0.08*	906	**11.4**	*0.39*	1.34	*0.06**
Singapore	1818	**22.6**	*0.54*	2.57	*0.08*	1810	**19.0**	*0.46*	2.09	*0.07*
Singapore: Chinese	1663	**26.5**	*0.66*	3.03	*0.10*	1673	**20.8**	*0.52*	2.31	*0.08*
Singapore: Indian	58	**7.4**	*1.04*	0.90	*0.14*	41	**8.2**	*1.32*	1.02	*0.19*
Singapore: Malay	97	**10.5**	*1.11*	1.18	*0.15*	96	**9.9**	*1.04*	1.11	*0.14*
Thailand, Chiang Mai	197	**5.0**	*0.36*	0.58	*0.05*	208	**5.0**	*0.36*	0.60	*0.05**
Thailand, Lampang	174	**7.9**	*0.61*	0.87	*0.08*	172	**7.2**	*0.56*	0.78	*0.07**
Thailand, Songkhla	143	**5.3**	*0.44*	0.59	*0.06*	117	**3.8**	*0.35*	0.48	*0.05*
Turkey, Antalya	230	**7.6**	*0.51*	0.93	*0.07*	167	**5.6**	*0.44*	0.72	*0.06**
Turkey, Izmir	619	**7.8**	*0.32*	0.93	*0.04*	452	**5.3**	*0.25*	0.63	*0.03**
Europe										
Austria	7660	**24.1**	*0.28*	2.85	*0.04*	7688	**15.5**	*0.21*	1.74	*0.03*
Austria, Tyrol	529	**21.3**	*0.95*	2.48	*0.14*	523	**14.3**	*0.71*	1.57	*0.10*
Austria, Vorarlberg	273	**23.4**	*1.43*	3.03	*0.22*	294	**17.3**	*1.12*	1.92	*0.16*
Belarus	3598	**12.1**	*0.20*	1.49	*0.03*	4608	**9.4**	*0.15*	1.17	*0.02**
Belgium, Antwerp	1542	**20.1**	*0.53*	2.32	*0.08*	1475	**14.2**	*0.42*	1.55	*0.06**
Belgium, Flanders	4908	**22.8**	*0.34*	2.66	*0.05*	4783	**16.9**	*0.28*	1.88	*0.04*
Bulgaria	5360	**15.8**	*0.22*	1.96	*0.03*	4762	**11.2**	*0.17*	1.36	*0.02**
Croatia	3660	**21.4**	*0.36*	2.59	*0.05*	3021	**12.6**	*0.25*	1.46	*0.03*
Czech Republic	11758	**31.6**	*0.30*	3.88	*0.04*	9660	**18.0**	*0.20*	2.11	*0.03*
Denmark	5161	**22.1**	*0.32*	2.56	*0.05*	5730	**18.7**	*0.28*	2.18	*0.04*
Estonia	844	**18.3**	*0.63*	2.32	*0.09*	1138	**13.9**	*0.45*	1.69	*0.06*
Finland	2972	**14.4**	*0.27*	1.62	*0.04*	3739	**12.5**	*0.24*	1.35	*0.03*
France, Bas-Rhin	1072	**28.9**	*0.90*	3.45	*0.13*	885	**16.1**	*0.62*	1.81	*0.09*
France, Calvados	496	**19.0**	*0.90*	2.16	*0.13*	473	**12.5**	*0.67*	1.41	*0.09*
France, Doubs	437	**22.4**	*1.11*	2.67	*0.16*	367	**13.4**	*0.80*	1.39	*0.11*
France, Haut-Rhin	765	**28.2**	*1.04*	3.25	*0.15*	665	**17.2**	*0.75*	1.91	*0.10*
France, Herault	973	**23.2**	*0.80*	2.76	*0.12*	882	**16.3**	*0.64*	1.93	*0.09*
France, Isere	957	**22.8**	*0.76*	2.67	*0.11*	883	**15.6**	*0.59*	1.73	*0.08*
France, Loire-Atlantique	992	**22.9**	*0.76*	2.76	*0.11*	880	**13.6**	*0.53*	1.52	*0.07*
France, Manche	440	**18.7**	*0.96*	2.13	*0.13*	415	**11.5**	*0.68*	1.22	*0.09*
France, Somme	473	**21.8**	*1.05*	2.73	*0.16*	433	**13.5**	*0.76*	1.46	*0.10*
France, Tarn	347	**17.0**	*1.01*	2.13	*0.15*	330	**12.7**	*0.87*	1.38	*0.11*
France, Vendee	676	**24.8**	*1.03*	3.07	*0.15*	494	**13.9**	*0.74*	1.63	*0.10*
Germany, Brandenburg	2576	**24.7**	*0.49*	3.06	*0.07*	2659	**16.5**	*0.35*	1.86	*0.05*
Germany, Free State of Saxony	4836	**24.2**	*0.35*	2.94	*0.05*	5401	**15.9**	*0.25*	1.77	*0.04*
Germany, Hamburg	1427	**18.8**	*0.51*	2.09	*0.07*	1953	**15.1**	*0.40*	1.65	*0.06*
Germany, Mecklenburg-Western Pomerania	1700	**25.1**	*0.62*	2.98	*0.09*	1797	**16.4**	*0.43*	1.78	*0.06*
Germany, Munich	2724	**27.6**	*0.54*	3.24	*0.08*	2874	**19.3**	*0.41*	2.11	*0.06*
Germany, Northrhine-Westphalia: Munster	2911	**26.6**	*0.50*	3.02	*0.07*	3419	**19.4**	*0.38*	2.14	*0.05*
Germany, Saarland	1454	**29.6**	*0.80*	3.52	*0.11*	1587	**20.2**	*0.59*	2.23	*0.08*
Iceland	230	**23.4**	*1.62*	2.91	*0.25*	187	**15.6**	*1.26*	1.75	*0.18*
Ireland	3060	**24.3**	*0.45*	2.94	*0.07*	2772	**17.8**	*0.37*	2.05	*0.05*
Italy, Biella Province	269	**26.2**	*1.67*	3.24	*0.25*	264	**18.6**	*1.53*	1.98	*0.17*
Italy, Brescia Province	681	**26.4**	*1.03*	3.08	*0.15*	676	**18.9**	*0.83*	2.12	*0.11*
Italy, Ferrara Province	746	**36.0**	*1.42*	4.47	*0.21*	639	**23.2**	*1.09*	2.70	*0.15*
Italy, Florence and Prato	1950	**30.3**	*0.74*	3.61	*0.11*	1675	**19.5**	*0.57*	2.22	*0.08*
Italy, Genoa Province	885	**27.0**	*0.98*	3.20	*0.14*	954	**21.0**	*0.85*	2.40	*0.11*
Italy, Macerata Province	301	**29.9**	*1.87*	3.63	*0.27*	279	**21.9**	*1.56*	2.60	*0.21*
Italy, Milan	1615	**29.2**	*0.76*	3.34	*0.11*	1698	**20.1**	*0.58*	2.26	*0.08*
Italy, Modena Province	1086	**33.5**	*1.09*	4.11	*0.16*	851	**19.5**	*0.79*	2.26	*0.11*
Italy, Naples	308	**19.7**	*1.13*	2.18	*0.15*	298	**15.6**	*0.94*	1.79	*0.13*
Italy, North East Cancer Surveillance Network	3270	**32.1**	*0.59*	3.84	*0.09*	2857	**20.2**	*0.45*	2.32	*0.06*
Italy, Parma Province	643	**28.5**	*1.22*	3.56	*0.18*	586	**19.8**	*1.01*	2.27	*0.13*
Italy, Ragusa Province	260	**18.5**	*1.24*	2.18	*0.18*	242	**15.1**	*1.09*	1.76	*0.15*
Italy, Reggio Emilia Province	729	**30.3**	*1.20*	3.77	*0.18*	567	**19.0**	*0.96*	2.21	*0.13*
Italy, Romagna Region	1684	**30.5**	*0.80*	3.69	*0.12*	1504	**21.9**	*0.66*	2.56	*0.09*
Italy, Salerno Province	697	**19.4**	*0.77*	2.40	*0.11*	597	**13.3**	*0.60*	1.54	*0.08*
Italy, Sassari Province	417	**20.6**	*1.05*	2.62	*0.16*	326	**13.7**	*0.83*	1.64	*0.11*
Italy, Syracuse Province	256	**18.1**	*1.18*	2.31	*0.18*	288	**16.6**	*1.08*	2.02	*0.16*
Italy, Sondrio	190	**24.6**	*1.83*	2.78	*0.26*	188	**18.4**	*1.55*	2.09	*0.20*
Italy, Torino	1421	**29.0**	*0.81*	3.42	*0.12*	1341	**20.0**	*0.64*	2.25	*0.08*
Italy, Umbria Region	1344	**28.8**	*0.86*	3.50	*0.12*	1219	**19.9**	*0.68*	2.31	*0.09*
Italy, Varese Province	641	**30.2**	*1.22*	3.49	*0.17*	575	**19.0**	*0.89*	2.26	*0.12*
Italy, Veneto Region	2250	**30.1**	*0.66*	3.67	*0.10*	2023	**19.4**	*0.50*	2.26	*0.07*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Colon (C18) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	1076	**13.6**	*0.42*	1.73	*0.06*	1488	**10.4**	*0.29*	1.30	*0.04*
Lithuania	1582	**14.3**	*0.36*	1.72	*0.05*	1943	**10.8**	*0.26*	1.25	*0.04*
Malta	206	**15.1**	*1.08*	1.93	*0.16*	252	**14.1**	*0.94*	1.65	*0.14*
Norway	4719	**24.1**	*0.38*	2.80	*0.06*	5538	**21.8**	*0.35*	2.52	*0.05*
Poland, Cracow	481	**18.8**	*0.87*	2.20	*0.12*	477	**12.4**	*0.60*	1.41	*0.08**
Poland, Kielce	629	**14.3**	*0.59*	1.81	*0.09*	622	**10.0**	*0.44*	1.17	*0.06*
Poland, Warsaw City	1105	**17.0**	*0.53*	2.19	*0.08*	1089	**11.4**	*0.37*	1.37	*0.05*
Portugal, Porto	2564	**23.6**	*0.49*	2.91	*0.07*	2202	**15.5**	*0.37*	1.83	*0.05**
Portugal, South Regional	2947	**24.6**	*0.47*	2.98	*0.07*	2485	**15.8**	*0.35*	1.74	*0.05*
Russia, St Petersburg	2941	**20.7**	*0.38*	2.55	*0.06*	4872	**17.2**	*0.27*	2.06	*0.04*
Serbia	2702	**14.6**	*0.29*	1.78	*0.04*	1932	**8.9**	*0.22*	1.06	*0.03*
Slovak Republic	4401	**27.5**	*0.42*	3.41	*0.06*	3628	**15.8**	*0.28*	1.86	*0.04*
Slovenia	1648	**23.6**	*0.59*	2.92	*0.08*	1376	**13.3**	*0.39*	1.54	*0.05*
Spain, Albacete	203	**14.5**	*1.12*	1.67	*0.15*	193	**11.9**	*1.00*	1.31	*0.13*
Spain, Asturias	1299	**23.3**	*0.69*	2.69	*0.10*	944	**12.9**	*0.50*	1.54	*0.07*
Spain, Basque Country	2026	**27.0**	*0.62*	3.14	*0.09*	1386	**14.0**	*0.43*	1.56	*0.06*
Spain, Canary Islands	913	**19.2**	*0.64*	2.24	*0.09*	828	**14.2**	*0.52*	1.57	*0.07*
Spain, Cuenca	205	**17.4**	*1.43*	2.03	*0.19*	170	**12.8**	*1.27*	1.42	*0.15*
Spain, Girona	747	**28.6**	*1.13*	3.33	*0.16*	558	**18.6**	*0.92*	2.13	*0.12*
Spain, Granada	608	**18.2**	*0.78*	2.22	*0.11*	521	**13.0**	*0.64*	1.53	*0.09*
Spain, Murcia	1007	**23.0**	*0.76*	2.66	*0.11*	886	**16.3**	*0.61*	1.92	*0.08*
Spain, Navarra	589	**22.6**	*1.00*	2.77	*0.15*	469	**14.3**	*0.78*	1.69	*0.11*
Spain, Tarragona	607	**26.6**	*1.17*	3.09	*0.16*	478	**17.6**	*0.94*	1.95	*0.12*
Spain, Zaragoza	745	**17.9**	*0.71*	2.03	*0.10*	590	**11.5**	*0.55*	1.35	*0.07*
Sweden	7768	**17.5**	*0.22*	2.02	*0.03*	8313	**15.2**	*0.20*	1.81	*0.03*
Switzerland, Geneva	339	**20.5**	*1.15*	2.33	*0.17*	380	**16.0**	*0.93*	1.73	*0.13*
Switzerland, Graubunden and Glarus	228	**23.6**	*1.64*	2.81	*0.25*	191	**14.8**	*1.23*	1.82	*0.18*
Switzerland, Neuchatel	168	**22.8**	*1.89*	2.74	*0.28*	131	**12.4**	*1.28*	1.38	*0.18*
Switzerland, St Gall-Appenzell	348	**16.8**	*0.94*	1.91	*0.14*	357	**12.5**	*0.75*	1.45	*0.11*
Switzerland, Ticino	336	**23.3**	*1.32*	2.82	*0.20*	307	**15.0**	*1.00*	1.69	*0.14*
Switzerland, Valais	233	**21.3**	*1.46*	2.57	*0.21*	163	**11.9**	*1.02*	1.44	*0.15*
Switzerland, Vaud	551	**21.3**	*0.96*	2.56	*0.14*	531	**14.8**	*0.74*	1.75	*0.11*
The Netherlands	14436	**23.6**	*0.20*	2.82	*0.03*	15383	**19.2**	*0.17*	2.26	*0.03*
The Netherlands, Eindhoven	938	**25.1**	*0.83*	3.08	*0.12*	1013	**21.5**	*0.72*	2.55	*0.10*
The Netherlands, Maastricht	858	**23.3**	*0.82*	2.77	*0.12*	881	**18.2**	*0.67*	2.21	*0.10*
UK, East of England Region	2547	**19.3**	*0.41*	2.20	*0.06*	2588	**15.4**	*0.35*	1.79	*0.05*
UK, England, Merseyside and Cheshire	2457	**23.5**	*0.49*	2.77	*0.07*	2173	**14.8**	*0.37*	1.69	*0.05*
UK, England, North Western	3738	**21.1**	*0.36*	2.48	*0.05*	3704	**15.5**	*0.29*	1.81	*0.04*
UK, England, Northern and Yorkshire	6158	**21.0**	*0.28*	2.47	*0.04*	5926	**14.8**	*0.22*	1.71	*0.03*
UK, England, Oxford Region	2032	**18.8**	*0.43*	2.26	*0.07*	2044	**14.7**	*0.37*	1.73	*0.06*
UK, England, South and Western Regions	7285	**21.9**	*0.28*	2.56	*0.04*	7595	**16.9**	*0.23*	1.92	*0.03*
UK, England, Thames	10533	**18.3**	*0.19*	2.11	*0.03*	11270	**14.2**	*0.16*	1.63	*0.02*
UK, England, Trent	4271	**19.4**	*0.31*	2.21	*0.05*	4203	**14.7**	*0.26*	1.68	*0.04*
UK, England, West Midlands	4988	**21.3**	*0.32*	2.50	*0.05*	4727	**15.4**	*0.26*	1.76	*0.04*
UK, Northern Ireland	1472	**24.6**	*0.67*	2.93	*0.10*	1502	**18.5**	*0.54*	2.15	*0.08*
UK, Scotland	5425	**25.4**	*0.36*	3.00	*0.05*	5550	**18.4**	*0.28*	2.13	*0.04*
Oceania										
Australia, New South Wales	6716	**27.8**	*0.35*	3.38	*0.05*	6511	**22.3**	*0.31*	2.67	*0.04*
Australia, Northern Territory	86	**22.3**	*2.58*	2.86	*0.41*	56	**18.2**	*2.59*	2.00	*0.36*
Australia, Queensland	3900	**30.8**	*0.51*	3.74	*0.08*	3697	**24.8**	*0.45*	2.92	*0.07*
Australia, South	1789	**29.2**	*0.73*	3.52	*0.11*	1750	**22.3**	*0.61*	2.56	*0.09*
Australia, Tasmania	527	**28.1**	*1.27*	3.44	*0.19*	572	**24.8**	*1.15*	2.96	*0.17*
Australia, Victoria	5136	**28.5**	*0.41*	3.40	*0.06*	4992	**22.3**	*0.35*	2.59	*0.05*
Australia, Western	1705	**27.0**	*0.67*	3.14	*0.10*	1542	**20.4**	*0.57*	2.33	*0.08*
Australian Capital Territory	268	**31.2**	*1.96*	3.90	*0.30*	239	**23.6**	*1.62*	2.77	*0.24*
French Polynesia	36	**9.6**	*1.66*	1.22	*0.25*	23	**5.8**	*1.22*	0.61	*0.16*
New Zealand	3941	**29.8**	*0.49*	3.65	*0.07*	4505	**27.6**	*0.45*	3.30	*0.07*
USA, Hawaii	1198	**25.6**	*0.79*	3.08	*0.12*	1051	**18.1**	*0.62*	2.05	*0.09*
USA, Hawaii: Chinese	89	**21.6**	*2.61*	2.32	*0.35*	90	**17.3**	*2.14*	1.82	*0.28*
USA, Hawaii: Filipino	149	**20.6**	*1.82*	2.53	*0.27*	96	**12.3**	*1.30*	1.41	*0.18*
USA, Hawaii: Hawaiian	115	**24.5**	*2.33*	2.74	*0.33*	108	**18.9**	*1.87*	2.05	*0.25*
USA, Hawaii: Japanese	466	**31.9**	*1.72*	3.98	*0.25*	452	**22.0**	*1.30*	2.56	*0.18*
USA, Hawaii: White	320	**25.9**	*1.52*	3.07	*0.23*	235	**16.6**	*1.21*	1.89	*0.18*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Rectum (C19-20)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	84	**3.6**	*0.42*	-	-	88	**3.8**	*0.43*	-	- *
Egypt, Gharbiah	104	**2.1**	*0.22*	-	-	97	**1.7**	*0.17*	-	-
Tunisia, Centre, Sousse	48	**5.1**	*0.75*	-	-	31	**2.9**	*0.54*	-	- *
Uganda, Kyadondo County	44	**4.4**	*0.80*	-	-	43	**4.0**	*0.70*	-	- *
Zimbabwe, Harare: African	54	**3.4**	*0.57*	-	-	48	**3.0**	*0.56*	-	- *
America, Central and South										
Argentina, Bahia Blanca	72	**8.1**	*0.99*	1.01	*0.15*	55	**3.9**	*0.60*	0.46	*0.09*
Brazil, Brasilia	164	**8.1**	*0.68*	0.95	*0.10*	175	**6.7**	*0.55*	0.85	*0.09*
Brazil, Cuiaba	46	**7.3**	*1.15*	0.88	*0.17*	45	**6.5**	*1.01*	0.95	*0.18*
Brazil, Goiania	98	**7.1**	*0.74*	0.86	*0.11*	128	**7.1**	*0.64*	0.86	*0.10*
Brazil, Sao Paulo	2535	**12.7**	*0.26*	1.54	*0.04*	2606	**9.2**	*0.19*	1.07	*0.03*
Chile, Valdivia	47	**5.3**	*0.78*	0.59	*0.11*	42	**4.0**	*0.64*	0.50	*0.10*
Colombia, Cali	183	**5.2**	*0.41*	0.57	*0.06*	180	**3.9**	*0.31*	0.46	*0.05*
Costa Rica	335	**4.4**	*0.25*	0.51	*0.04*	303	**3.6**	*0.22*	0.41	*0.03*
Ecuador, Quito	77	**2.6**	*0.32*	0.32	*0.05*	88	**2.8**	*0.31*	0.31	*0.04*
France, La Martinique	59	**4.9**	*0.66*	0.55	*0.09*	83	**5.8**	*0.68*	0.69	*0.09*
Peru, Trujillo	25	**2.9**	*0.59*	0.39	*0.09*	42	**3.5**	*0.56*	0.32	*0.07**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	12700	**15.6**	*0.14*	1.94	*0.02*	8067	**8.1**	*0.10*	0.95	*0.01*
Canada, Alberta	1457	**16.0**	*0.43*	1.99	*0.06*	858	**8.0**	*0.29*	0.94	*0.04*
Canada, British Columbia	2380	**15.4**	*0.33*	1.84	*0.05*	1490	**8.2**	*0.23*	0.97	*0.03*
Canada, Manitoba	779	**18.8**	*0.71*	2.35	*0.11*	489	**9.2**	*0.47*	1.08	*0.07*
Canada, New Brunswick	441	**16.2**	*0.80*	1.99	*0.12*	289	**8.5**	*0.55*	1.02	*0.08*
Canada, Newfoundland and Labrador	374	**20.1**	*1.06*	2.58	*0.16*	209	**9.9**	*0.72*	1.21	*0.10*
Canada, Northwest Territories	24	**31.6**	*6.77*	3.72	*0.99*	16	**21.3**	*5.68*	2.69	*0.84*
Canada, Nova Scotia	649	**18.5**	*0.75*	2.14	*0.11*	448	**9.8**	*0.52*	1.15	*0.08*
Canada, Ontario	5889	**14.6**	*0.20*	1.86	*0.03*	3837	**7.6**	*0.13*	0.90	*0.02*
Canada, Prince Edward Island	89	**17.6**	*1.93*	2.40	*0.31*	63	**10.1**	*1.43*	1.06	*0.19*
Canada, Saskatchewan	618	**15.8**	*0.69*	1.98	*0.10*	368	**7.8**	*0.47*	0.88	*0.06*
USA, Alabama	1595	**10.9**	*0.28*	1.34	*0.04*	1285	**6.7**	*0.20*	0.78	*0.03*
USA, Alabama: Black	249	**9.3**	*0.61*	1.13	*0.09*	246	**6.2**	*0.42*	0.73	*0.06*
USA, Alabama: White	1329	**11.2**	*0.32*	1.38	*0.04*	1021	**6.8**	*0.23*	0.79	*0.03*
USA, Alaska	182	**12.0**	*0.93*	1.56	*0.14*	144	**8.9**	*0.77*	0.96	*0.11*
USA, Arizona	1891	**10.5**	*0.26*	1.29	*0.04*	1368	**6.3**	*0.19*	0.73	*0.03*
USA, California	11596	**11.5**	*0.11*	1.39	*0.02*	8860	**6.9**	*0.08*	0.81	*0.01*
USA, California: Asian and Pacific Islander	1297	**11.4**	*0.32*	1.36	*0.05*	983	**6.9**	*0.23*	0.81	*0.03*
USA, California: Black	601	**10.6**	*0.44*	1.29	*0.06*	511	**6.8**	*0.31*	0.79	*0.05*
USA, California: Hispanic White	1616	**10.3**	*0.27*	1.26	*0.04*	1129	**5.7**	*0.18*	0.66	*0.03*
USA, California: Non-Hispanic White	7891	**11.8**	*0.14*	1.43	*0.02*	6114	**7.2**	*0.10*	0.85	*0.01*
USA, California, Greater San Francisco Bay Area	2289	**11.3**	*0.25*	1.36	*0.04*	1714	**6.5**	*0.17*	0.75	*0.02*
USA, California, Greater San Francisco Bay Area: Black	129	**9.8**	*0.89*	1.11	*0.12*	105	**5.9**	*0.62*	0.65	*0.09*
USA, California, Greater San Francisco Bay Area: Chinese	181	**11.3**	*0.88*	1.33	*0.12*	142	**7.1**	*0.63*	0.79	*0.08*
USA, California, Greater San Francisco Bay Area: Filipino	114	**13.4**	*1.29*	1.75	*0.19*	71	**5.9**	*0.72*	0.65	*0.09*
USA, California, Greater San Francisco Bay Area: Japanese	42	**11.7**	*2.01*	1.26	*0.27*	46	**9.6**	*1.59*	1.17	*0.21*
USA, California, Greater San Francisco Bay Area: Hispanic White	228	**10.9**	*0.75*	1.33	*0.11*	154	**5.6**	*0.47*	0.64	*0.07*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	1448	**11.2**	*0.31*	1.36	*0.05*	1101	**6.6**	*0.23*	0.77	*0.03*
USA, California, Los Angeles County	2946	**11.3**	*0.22*	1.38	*0.03*	2517	**7.4**	*0.16*	0.84	*0.02*
USA, California, Los Angeles County: Black	286	**11.5**	*0.69*	1.43	*0.10*	257	**7.3**	*0.48*	0.85	*0.07*
USA, California, Los Angeles County: Chinese	118	**10.4**	*1.00*	1.25	*0.14*	89	**6.5**	*0.73*	0.70	*0.10*
USA, California, Los Angeles County: Filipino	106	**13.8**	*1.38*	1.67	*0.20*	67	**6.2**	*0.78*	0.70	*0.10*
USA, California, Los Angeles County: Japanese	114	**20.2**	*2.10*	2.38	*0.28*	83	**12.2**	*1.51*	1.47	*0.20*
USA, California, Los Angeles County: Korean	83	**15.4**	*1.71*	1.95	*0.25*	65	**9.4**	*1.19*	1.04	*0.16*
USA, California, Los Angeles County: Hispanic White	558	**9.1**	*0.40*	1.11	*0.06*	450	**5.7**	*0.28*	0.67	*0.04*
USA, California, Los Angeles County: Non-Hispanic White	1591	**11.8**	*0.32*	1.46	*0.05*	1418	**8.1**	*0.25*	0.93	*0.03*
USA, Colorado	1392	**11.2**	*0.31*	1.41	*0.05*	1022	**6.6**	*0.22*	0.80	*0.03*
USA, Connecticut	1645	**13.4**	*0.35*	1.65	*0.05*	1390	**8.5**	*0.26*	1.01	*0.04*
USA, Connecticut: Black	74	**10.6**	*1.26*	1.30	*0.18*	84	**8.4**	*0.95*	0.92	*0.13*
USA, Connecticut: White	1544	**13.5**	*0.37*	1.67	*0.05*	1284	**8.5**	*0.27*	1.01	*0.04*
USA, District of Columbia	175	**10.3**	*0.80*	1.27	*0.12*	182	**6.6**	*0.55*	0.69	*0.07*
USA, District of Columbia: Black	123	**11.8**	*1.10*	1.42	*0.15*	130	**7.3**	*0.72*	0.79	*0.09*
USA, District of Columbia: White	43	**7.3**	*1.15*	0.97	*0.18*	46	**5.0**	*0.87*	0.44	*0.11*
USA, Florida	7981	**11.8**	*0.14*	1.46	*0.02*	6214	**7.3**	*0.11*	0.85	*0.01*
USA, Florida: Black	524	**9.9**	*0.44*	1.20	*0.06*	525	**7.3**	*0.33*	0.85	*0.05*
USA, Florida: White	7338	**12.0**	*0.15*	1.48	*0.02*	5593	**7.3**	*0.11*	0.85	*0.02*
USA, Georgia	2534	**11.3**	*0.23*	1.39	*0.03*	2024	**6.9**	*0.16*	0.81	*0.02*
USA, Georgia: Black	506	**11.1**	*0.51*	1.34	*0.08*	482	**7.5**	*0.36*	0.91	*0.05*
USA, Georgia: White	1992	**11.4**	*0.26*	1.40	*0.04*	1515	**6.8**	*0.19*	0.79	*0.03*
USA, Georgia, Atlanta	712	**10.5**	*0.41*	1.32	*0.06*	600	**6.8**	*0.30*	0.81	*0.04*
USA, Georgia, Atlanta: Black	208	**12.0**	*0.89*	1.43	*0.14*	190	**8.0**	*0.61*	0.97	*0.09*
USA, Georgia, Atlanta: White	481	**10.1**	*0.48*	1.29	*0.07*	396	**6.5**	*0.35*	0.76	*0.05*
USA, Idaho	476	**11.2**	*0.54*	1.40	*0.08*	323	**6.6**	*0.40*	0.78	*0.06*
USA, Illinois	5420	**13.7**	*0.19*	1.69	*0.03*	4069	**7.6**	*0.13*	0.90	*0.02*
USA, Illinois: Black	497	**11.8**	*0.54*	1.51	*0.08*	456	**7.4**	*0.36*	0.90	*0.05*
USA, Illinois: White	4755	**13.9**	*0.21*	1.72	*0.03*	3495	**7.6**	*0.15*	0.90	*0.02*
USA, Indiana	2685	**13.4**	*0.27*	1.62	*0.04*	1931	**7.3**	*0.19*	0.90	*0.03*
USA, Iowa	1545	**14.3**	*0.39*	1.79	*0.06*	1174	**7.9**	*0.27*	0.92	*0.04*
USA, Kentucky	1930	**14.4**	*0.34*	1.76	*0.05*	1545	**9.0**	*0.25*	1.07	*0.03*
USA, Louisiana	1966	**14.6**	*0.34*	1.81	*0.05*	1466	**8.3**	*0.23*	0.99	*0.03*
USA, Louisiana: Black	416	**13.1**	*0.66*	1.63	*0.10*	393	**8.6**	*0.46*	1.02	*0.06*
USA, Louisiana: White	1529	**15.1**	*0.40*	1.87	*0.06*	1062	**8.3**	*0.28*	0.98	*0.04*
USA, Louisiana, New Orleans: Black	125	**13.4**	*1.23*	1.67	*0.18*	115	**8.5**	*0.83*	1.07	*0.12*
USA, Louisiana, New Orleans: White	283	**14.0**	*0.87*	1.71	*0.12*	225	**8.1**	*0.61*	0.98	*0.09*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Rectum (C19-20) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	712	**14.3**	*0.56*	1.69	*0.08*	523	**8.7**	*0.42*	1.07	*0.06*
USA, Massachusetts	3003	**13.8**	*0.27*	1.69	*0.04*	2519	**8.4**	*0.19*	0.98	*0.03*
USA, Michigan	3938	**11.9**	*0.20*	1.46	*0.03*	3164	**7.4**	*0.15*	0.87	*0.02*
USA, Michigan: Black	403	**12.2**	*0.63*	1.49	*0.09*	383	**8.6**	*0.46*	1.04	*0.06*
USA, Michigan: White	3462	**11.9**	*0.21*	1.45	*0.03*	2720	**7.2**	*0.15*	0.84	*0.02*
USA, Michigan, Detroit	1760	**13.6**	*0.34*	1.66	*0.05*	1463	**8.5**	*0.25*	1.00	*0.03*
USA, Michigan, Detroit: Black	313	**12.8**	*0.75*	1.58	*0.11*	315	**9.3**	*0.55*	1.13	*0.08*
USA, Michigan, Detroit: White	1418	**13.9**	*0.39*	1.70	*0.06*	1125	**8.2**	*0.28*	0.96	*0.04*
USA, Missouri	2478	**12.7**	*0.27*	1.54	*0.04*	1888	**7.4**	*0.19*	0.87	*0.03*
USA, Missouri: Black	171	**11.7**	*0.91*	1.37	*0.13*	142	**6.3**	*0.57*	0.70	*0.08*
USA, Missouri: White	2279	**12.8**	*0.28*	1.56	*0.04*	1730	**7.5**	*0.20*	0.89	*0.03*
USA, Montana	436	**13.0**	*0.65*	1.58	*0.09*	267	**6.6**	*0.45*	0.75	*0.06*
USA, NPCR	92462	**12.6**	*0.04*	1.54	*0.01*	71954	**7.5**	*0.03*	0.88	*0.00*
USA, NPCR: Black	6836	**11.1**	*0.14*	1.36	*0.02*	6378	**7.2**	*0.09*	0.86	*0.01*
USA, NPCR: White	81871	**12.6**	*0.05*	1.55	*0.01*	62612	**7.4**	*0.03*	0.88	*0.00*
USA, New Jersey	4194	**14.4**	*0.23*	1.76	*0.03*	3407	**8.4**	*0.16*	1.00	*0.02*
USA, New Jersey: Black	368	**13.1**	*0.69*	1.60	*0.10*	331	**8.1**	*0.46*	1.01	*0.07*
USA, New Jersey: White	3670	**14.6**	*0.26*	1.78	*0.04*	2969	**8.5**	*0.18*	1.00	*0.03*
USA, New Mexico	643	**10.8**	*0.44*	1.29	*0.06*	419	**5.7**	*0.30*	0.65	*0.04*
USA, New Mexico: American Indian	30	**8.5**	*1.58*	0.84	*0.19*	16	**3.6**	*0.92*	0.36	*0.11*
USA, New Mexico: Hispanic White	230	**12.6**	*0.85*	1.43	*0.12*	121	**5.5**	*0.52*	0.63	*0.07*
USA, New Mexico: Non-Hispanic White	369	**9.8**	*0.54*	1.23	*0.08*	271	**5.9**	*0.40*	0.68	*0.06*
USA, New York State	8436	**13.4**	*0.15*	1.65	*0.02*	7177	**8.2**	*0.11*	0.96	*0.02*
USA, New York State: Black	703	**10.5**	*0.40*	1.29	*0.06*	773	**7.3**	*0.28*	0.89	*0.04*
USA, New York State: White	7431	**13.9**	*0.17*	1.73	*0.02*	6171	**8.3**	*0.12*	0.98	*0.02*
USA, Ohio	4887	**12.6**	*0.19*	1.56	*0.03*	4025	**7.8**	*0.14*	0.93	*0.02*
USA, Ohio: Black	322	**9.8**	*0.56*	1.23	*0.08*	320	**6.8**	*0.40*	0.82	*0.06*
USA, Ohio: White	4411	**12.5**	*0.20*	1.55	*0.03*	3559	**7.6**	*0.14*	0.92	*0.02*
USA, Oklahoma	1373	**11.6**	*0.33*	1.41	*0.05*	1044	**6.7**	*0.23*	0.80	*0.03*
USA, Oregon	1363	**11.3**	*0.32*	1.41	*0.05*	1076	**7.3**	*0.25*	0.87	*0.04*
USA, Pennsylvania	6756	**14.4**	*0.19*	1.76	*0.03*	5377	**8.3**	*0.13*	0.98	*0.02*
USA, Pennsylvania: Black	369	**12.0**	*0.64*	1.50	*0.09*	352	**7.3**	*0.42*	0.82	*0.06*
USA, Pennsylvania: White	6275	**14.5**	*0.20*	1.78	*0.03*	4903	**8.2**	*0.14*	0.98	*0.02*
USA, Rhode Island	553	**14.6**	*0.66*	1.73	*0.10*	444	**7.7**	*0.43*	0.91	*0.06*
USA, SEER (9 Registries)	10604	**12.5**	*0.13*	1.52	*0.02*	8137	**7.4**	*0.09*	0.87	*0.01*
USA, SEER (9 Registries): Black	788	**11.8**	*0.43*	1.40	*0.06*	733	**8.1**	*0.31*	0.95	*0.04*
USA, SEER (9 Registries): White	8701	**12.4**	*0.14*	1.51	*0.02*	6667	**7.4**	*0.10*	0.86	*0.01*
USA, SEER (14 Registries)	28865	**12.5**	*0.08*	1.53	*0.01*	22327	**7.5**	*0.06*	0.88	*0.01*
USA, SEER (14 Registries): Asian and Pacific Islander	2142	**12.2**	*0.27*	1.46	*0.04*	1502	**6.9**	*0.18*	0.81	*0.03*
USA, SEER (14 Registries): Black	2156	**11.9**	*0.26*	1.45	*0.04*	1989	**8.0**	*0.19*	0.95	*0.03*
USA, SEER (14 Registries): Hispanic White	2260	**10.7**	*0.23*	1.30	*0.03*	1591	**6.0**	*0.16*	0.71	*0.02*
USA, SEER (14 Registries): Non-Hispanic White	21944	**12.8**	*0.09*	1.56	*0.01*	16974	**7.7**	*0.07*	0.90	*0.01*
USA, South Carolina	1542	**12.1**	*0.32*	1.47	*0.04*	1089	**6.6**	*0.22*	0.76	*0.03*
USA, South Carolina: Black	320	**11.8**	*0.67*	1.43	*0.10*	268	**6.6**	*0.43*	0.72	*0.06*
USA, South Carolina: White	1198	**12.1**	*0.36*	1.47	*0.05*	806	**6.5**	*0.25*	0.77	*0.03*
USA, Texas	6819	**11.7**	*0.15*	1.45	*0.02*	5065	**6.9**	*0.10*	0.81	*0.01*
USA, Texas: Black	622	**12.1**	*0.50*	1.49	*0.07*	548	**7.7**	*0.35*	0.93	*0.05*
USA, Texas: White	6014	**11.7**	*0.16*	1.45	*0.02*	4349	**6.7**	*0.11*	0.79	*0.02*
USA, Utah	561	**10.2**	*0.45*	1.18	*0.06*	448	**7.0**	*0.36*	0.81	*0.05*
USA, Vermont	253	**12.0**	*0.78*	1.54	*0.12*	223	**8.3**	*0.62*	0.99	*0.09*
USA, Washington State	2368	**12.3**	*0.26*	1.48	*0.04*	1600	**6.9**	*0.19*	0.81	*0.03*
USA, Washington, Seattle	1551	**11.9**	*0.32*	1.44	*0.05*	1087	**7.0**	*0.23*	0.83	*0.03*
USA, West Virginia	1042	**14.6**	*0.47*	1.77	*0.07*	830	**9.0**	*0.35*	1.01	*0.05*
USA, Wisconsin	2313	**12.5**	*0.27*	1.56	*0.04*	1627	**6.7**	*0.19*	0.77	*0.03*
Asia										
Bahrain: Bahraini	26	**4.4**	*0.90*	0.56	*0.13*	15	**2.2**	*0.60*	0.20	*0.07*
China, Guangzhou City	605	**11.1**	*0.46*	1.31	*0.07*	429	**6.8**	*0.33*	0.82	*0.05**
China, Hong Kong	1558	**7.0**	*0.18*	0.85	*0.03*	1055	**4.2**	*0.14*	0.49	*0.02*
China, Jiashan	140	**10.7**	*0.93*	1.29	*0.13*	122	**9.0**	*0.85*	1.10	*0.12**
China, Nangang District, Harbin City	201	**8.6**	*0.62*	1.08	*0.09*	168	**6.8**	*0.53*	0.82	*0.07*
China, Shanghai	2688	**11.2**	*0.23*	1.35	*0.03*	2223	**8.3**	*0.19*	0.97	*0.03**
China, Zhongshan	287	**8.7**	*0.52*	1.03	*0.07*	215	**6.0**	*0.42*	0.71	*0.06**
Cyprus	170	**7.3**	*0.59*	0.93	*0.09*	127	**4.6**	*0.44*	0.56	*0.06**
India, Chennai (Madras)	311	**3.3**	*0.19*	0.37	*0.03*	206	**2.2**	*0.16*	0.25	*0.02*
India, New Delhi	447	**2.0**	*0.10*	0.23	*0.01*	265	**1.4**	*0.09*	0.15	*0.01**
India, Karunagappally	18	**2.1**	*0.51*	0.25	*0.07*	13	**1.4**	*0.38*	0.17	*0.06*
India, Mumbai (Bombay)	581	**2.6**	*0.11*	0.29	*0.02*	368	**1.8**	*0.09*	0.20	*0.01*
India, Nagpur	109	**2.6**	*0.26*	0.31	*0.04*	73	**1.8**	*0.21*	0.20	*0.03**
India, Poona	157	**2.4**	*0.20*	0.28	*0.03*	147	**2.4**	*0.20*	0.29	*0.03**
India, Trivandrum	85	**3.2**	*0.35*	0.42	*0.06*	67	**2.2**	*0.28*	0.30	*0.04**
Israel	2202	**13.0**	*0.29*	1.59	*0.04*	1930	**9.3**	*0.23*	1.10	*0.03*
Israel: Jews	2060	**13.3**	*0.31*	1.61	*0.05*	1826	**9.6**	*0.24*	1.13	*0.03*
Israel: Non-Jews	118	**8.3**	*0.79*	1.02	*0.12*	78	**4.7**	*0.55*	0.54	*0.08*
Japan, Aichi Prefecture	623	**16.0**	*0.65*	2.04	*0.09*	368	**8.4**	*0.46*	0.95	*0.06*
Japan, Fukui Prefecture	669	**16.9**	*0.69*	2.12	*0.10*	403	**8.2**	*0.47*	0.96	*0.06*
Japan, Hiroshima	919	**22.3**	*0.74*	2.79	*0.11*	539	**10.6**	*0.48*	1.25	*0.07*
Japan, Miyagi Prefecture	2289	**22.4**	*0.48*	2.76	*0.07*	1374	**10.9**	*0.32*	1.25	*0.04*
Japan, Nagasaki Prefecture	1391	**19.5**	*0.55*	2.36	*0.07*	955	**10.0**	*0.37*	1.16	*0.05*
Japan, Osaka Prefecture	5043	**13.5**	*0.19*	1.63	*0.03*	2892	**6.5**	*0.13*	0.76	*0.02*
Japan, Yamagata Prefecture	1374	**21.7**	*0.63*	2.70	*0.08*	840	**10.2**	*0.42*	1.17	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Rectum (C19-20) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	12875	**14.9**	*0.13*	1.85	*0.02*	9613	**8.6**	*0.09*	1.05	*0.01*
Korea, Busan	1054	**12.6**	*0.42*	1.55	*0.06*	796	**7.4**	*0.26*	0.90	*0.04*
Korea, Daegu	795	**15.2**	*0.57*	1.82	*0.08*	605	**8.9**	*0.37*	1.07	*0.05*
Korea, Daejeon	468	**17.7**	*0.86*	2.17	*0.13*	332	**9.8**	*0.55*	1.17	*0.08*
Korea, Gwangju	326	**12.6**	*0.73*	1.62	*0.11*	298	**8.5**	*0.50*	1.07	*0.07*
Korea, Incheon	750	**15.4**	*0.59*	1.95	*0.09*	543	**8.7**	*0.38*	1.05	*0.05*
Korea, Jejudo	80	**10.7**	*1.24*	1.28	*0.17*	78	**7.0**	*0.82*	0.75	*0.10*
Korea, Seoul	3555	**17.4**	*0.32*	2.08	*0.05*	2505	**9.7**	*0.20*	1.19	*0.03*
Korea, Ulsan	173	**12.1**	*1.03*	1.62	*0.17*	154	**8.6**	*0.73*	1.12	*0.11*
Kuwait: Kuwaitis	50	**5.2**	*0.76*	0.63	*0.11*	51	**4.2**	*0.62*	0.43	*0.08*
Kuwait: Non-Kuwaitis	65	**2.8**	*0.68*	0.28	*0.08*	25	**2.4**	*0.69*	0.33	*0.12*
Malaysia, Penang	179	**9.9**	*0.76*	1.33	*0.12*	133	**6.0**	*0.53*	0.71	*0.07*
Malaysia, Sarawak	223	**6.3**	*0.43*	0.79	*0.06*	180	**5.0**	*0.38*	0.59	*0.05*
Oman: Omani	37	**2.1**	*0.36*	0.28	*0.06*	24	**1.4**	*0.29*	0.17	*0.04**
Pakistan, South Karachi	90	**2.9**	*0.33*	0.30	*0.04*	31	**1.3**	*0.26*	0.14	*0.03**
Philippines, Manila	631	**9.5**	*0.41*	1.16	*0.06*	563	**7.0**	*0.31*	0.88	*0.05**
Singapore	1377	**17.1**	*0.47*	2.01	*0.07*	927	**9.9**	*0.33*	1.16	*0.05*
Singapore: Chinese	1218	**19.1**	*0.56*	2.27	*0.08*	825	**10.5**	*0.38*	1.23	*0.06*
Singapore: Indian	55	**7.9**	*1.11*	0.86	*0.13*	29	**5.1**	*1.01*	0.55	*0.13*
Singapore: Malay	104	**11.6**	*1.17*	1.36	*0.16*	73	**7.8**	*0.94*	0.96	*0.13*
Thailand, Chiang Mai	182	**4.6**	*0.35*	0.52	*0.05*	158	**3.7**	*0.30*	0.43	*0.04**
Thailand, Lampang	85	**3.9**	*0.43*	0.49	*0.06*	60	**2.4**	*0.31*	0.30	*0.05**
Thailand, Songkhla	119	**4.4**	*0.40*	0.51	*0.06*	96	**3.2**	*0.33*	0.43	*0.05*
Turkey, Antalya	149	**5.1**	*0.42*	0.63	*0.06*	104	**3.5**	*0.35*	0.39	*0.05**
Turkey, Izmir	496	**6.3**	*0.29*	0.81	*0.04*	363	**4.2**	*0.22*	0.53	*0.03**
Europe										
Austria	4954	**16.3**	*0.24*	2.06	*0.03*	3724	**7.9**	*0.15*	0.90	*0.02*
Austria, Tyrol	367	**15.8**	*0.84*	1.97	*0.12*	302	**8.6**	*0.56*	0.91	*0.08*
Austria, Vorarlberg	178	**15.7**	*1.18*	1.89	*0.17*	122	**7.6**	*0.75*	0.91	*0.11*
Belarus	4135	**13.8**	*0.22*	1.76	*0.03*	4093	**8.4**	*0.14*	1.04	*0.02**
Belgium, Antwerp	1253	**17.0**	*0.50*	2.09	*0.07*	775	**8.4**	*0.34*	0.99	*0.05**
Belgium, Flanders	3587	**17.3**	*0.30*	2.12	*0.04*	2424	**9.5**	*0.21*	1.11	*0.03*
Bulgaria	4846	**14.2**	*0.21*	1.80	*0.03*	3356	**8.1**	*0.15*	0.98	*0.02**
Croatia	3529	**20.9**	*0.36*	2.60	*0.05*	2612	**10.9**	*0.23*	1.28	*0.03*
Czech Republic	9827	**27.0**	*0.28*	3.39	*0.04*	6213	**12.1**	*0.17*	1.43	*0.02*
Denmark	3696	**16.6**	*0.28*	2.02	*0.04*	2786	**9.8**	*0.21*	1.20	*0.03*
Estonia	594	**13.0**	*0.54*	1.72	*0.08*	620	**7.8**	*0.34*	0.95	*0.05*
Finland	2221	**11.0**	*0.24*	1.32	*0.03*	1919	**6.6**	*0.17*	0.77	*0.02*
France, Bas-Rhin	686	**19.2**	*0.74*	2.41	*0.11*	436	**8.9**	*0.48*	1.10	*0.07*
France, Calvados	345	**13.9**	*0.79*	1.54	*0.11*	235	**6.5**	*0.49*	0.70	*0.07*
France, Doubs	300	**15.8**	*0.94*	2.01	*0.14*	182	**7.4**	*0.61*	0.86	*0.08*
France, Haut-Rhin	448	**17.0**	*0.82*	2.05	*0.12*	318	**9.1**	*0.57*	1.07	*0.08*
France, Herault	577	**14.2**	*0.63*	1.72	*0.09*	385	**7.3**	*0.43*	0.85	*0.06*
France, Isere	697	**17.0**	*0.67*	2.06	*0.10*	420	**7.8**	*0.43*	0.90	*0.06*
France, Loire-Atlantique	653	**15.4**	*0.63*	1.92	*0.09*	453	**7.6**	*0.41*	0.85	*0.05*
France, Manche	310	**13.6**	*0.83*	1.66	*0.12*	200	**6.8**	*0.57*	0.82	*0.08*
France, Somme	336	**15.5**	*0.89*	1.85	*0.13*	244	**8.4**	*0.62*	1.00	*0.09*
France, Tarn	355	**19.7**	*1.15*	2.39	*0.16*	224	**9.4**	*0.76*	1.07	*0.10*
France, Vendee	384	**14.6**	*0.80*	1.88	*0.12*	195	**6.1**	*0.51*	0.73	*0.07*
Germany, Brandenburg	1866	**18.0**	*0.42*	2.21	*0.06*	1378	**9.0**	*0.27*	1.05	*0.04*
Germany, Free State of Saxony	3660	**19.0**	*0.32*	2.35	*0.05*	2836	**9.2**	*0.20*	1.08	*0.03*
Germany, Hamburg	785	**10.9**	*0.40*	1.35	*0.06*	769	**6.9**	*0.29*	0.80	*0.04*
Germany, Mecklenburg-Western Pomerania	1240	**18.3**	*0.52*	2.26	*0.07*	907	**8.9**	*0.32*	1.02	*0.04*
Germany, Munich	1698	**17.7**	*0.44*	2.18	*0.06*	1278	**9.3**	*0.29*	1.09	*0.04*
Germany, Northrhine-Westphalia: Munster	1815	**17.2**	*0.41*	2.11	*0.06*	1420	**9.2**	*0.28*	1.07	*0.04*
Germany, Saarland	991	**20.9**	*0.68*	2.58	*0.10*	782	**11.5**	*0.47*	1.37	*0.06*
Iceland	75	**7.6**	*0.92*	0.84	*0.13*	71	**7.0**	*0.90*	0.81	*0.12*
Ireland	2234	**18.3**	*0.40*	2.27	*0.06*	1227	**8.3**	*0.26*	0.98	*0.04*
Italy, Biella Province	126	**12.6**	*1.17*	1.74	*0.18*	89	**5.9**	*0.72*	0.80	*0.11*
Italy, Brescia Province	318	**12.7**	*0.72*	1.49	*0.10*	281	**8.2**	*0.56*	0.90	*0.07*
Italy, Ferrara Province	271	**13.3**	*0.87*	1.59	*0.12*	200	**7.8**	*0.68*	0.90	*0.08*
Italy, Florence and Prato	1025	**16.2**	*0.54*	1.93	*0.08*	743	**8.9**	*0.39*	1.00	*0.05*
Italy, Genoa Province	457	**14.7**	*0.74*	1.80	*0.10*	342	**7.6**	*0.50*	0.88	*0.07*
Italy, Macerata Province	114	**11.6**	*1.18*	1.49	*0.17*	90	**6.7**	*0.85*	0.79	*0.12*
Italy, Milan	622	**12.1**	*0.51*	1.45	*0.07*	540	**6.8**	*0.35*	0.73	*0.04*
Italy, Modena Province	332	**10.6**	*0.62*	1.33	*0.09*	233	**5.6**	*0.43*	0.63	*0.06*
Italy, Naples	138	**8.9**	*0.76*	1.04	*0.11*	123	**6.3**	*0.59*	0.83	*0.09*
Italy, North East Cancer Surveillance Network	1428	**14.4**	*0.40*	1.77	*0.06*	967	**7.1**	*0.27*	0.82	*0.04*
Italy, Parma Province	286	**13.4**	*0.86*	1.66	*0.12*	200	**6.2**	*0.55*	0.70	*0.07*
Italy, Ragusa Province	162	**12.0**	*1.01*	1.41	*0.14*	114	**7.2**	*0.76*	0.84	*0.10*
Italy, Reggio Emilia Province	275	**12.2**	*0.79*	1.51	*0.11*	187	**6.3**	*0.55*	0.72	*0.07*
Italy, Romagna Region	759	**14.4**	*0.56*	1.79	*0.08*	562	**8.9**	*0.44*	1.07	*0.06*
Italy, Salerno Province	287	**8.1**	*0.50*	0.96	*0.07*	218	**5.1**	*0.38*	0.58	*0.05*
Italy, Sassari Province	214	**11.1**	*0.78*	1.43	*0.12*	137	**5.8**	*0.54*	0.68	*0.07*
Italy, Syracuse Province	134	**10.2**	*0.92*	1.20	*0.12*	100	**6.4**	*0.71*	0.74	*0.09*
Italy, Sondrio	94	**12.5**	*1.31*	1.66	*0.20*	72	**6.5**	*0.88*	0.71	*0.12*
Italy, Torino	590	**12.5**	*0.54*	1.53	*0.08*	428	**6.5**	*0.37*	0.73	*0.05*
Italy, Umbria Region	804	**17.6**	*0.67*	2.15	*0.09*	539	**9.8**	*0.49*	1.20	*0.07*
Italy, Varese Province	270	**12.8**	*0.79*	1.55	*0.12*	217	**7.8**	*0.59*	0.93	*0.08*
Italy, Veneto Region	1010	**14.1**	*0.46*	1.70	*0.06*	662	**6.6**	*0.30*	0.76	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Rectum (C19-20) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	1011	**12.9**	*0.41*	1.67	*0.06*	1049	**7.7**	*0.26*	0.95	*0.04*
Lithuania	1767	**15.8**	*0.38*	1.98	*0.06*	1481	**8.1**	*0.23*	0.96	*0.03*
Malta	160	**11.9**	*0.96*	1.39	*0.14*	131	**8.2**	*0.75*	0.93	*0.10*
Norway	3012	**16.2**	*0.32*	1.92	*0.05*	2356	**10.1**	*0.24*	1.18	*0.03*
Poland, Cracow	310	**12.4**	*0.72*	1.57	*0.10*	285	**7.5**	*0.47*	0.86	*0.06**
Poland, Kielce	611	**14.1**	*0.59*	1.70	*0.08*	466	**7.7**	*0.39*	0.95	*0.05*
Poland, Warsaw City	734	**11.5**	*0.44*	1.50	*0.06*	605	**6.6**	*0.28*	0.82	*0.04*
Portugal, Porto	1712	**16.0**	*0.41*	2.02	*0.06*	1223	**8.9**	*0.28*	1.09	*0.04**
Portugal, South Regional	1866	**15.7**	*0.38*	1.88	*0.05*	1153	**7.7**	*0.25*	0.88	*0.03*
Russia, St Petersburg	2328	**16.4**	*0.34*	2.09	*0.05*	2660	**9.7**	*0.20*	1.19	*0.03*
Serbia	2856	**15.1**	*0.29*	1.90	*0.04*	1872	**8.5**	*0.21*	1.04	*0.03*
Slovak Republic	3817	**24.4**	*0.40*	3.11	*0.06*	2372	**10.5**	*0.23*	1.25	*0.03*
Slovenia	1423	**20.5**	*0.55*	2.51	*0.08*	1030	**10.1**	*0.34*	1.21	*0.05*
Spain, Albacete	152	**11.1**	*0.99*	1.22	*0.13*	73	**4.6**	*0.63*	0.47	*0.08*
Spain, Asturias	695	**13.1**	*0.53*	1.56	*0.07*	414	**5.7**	*0.33*	0.65	*0.04*
Spain, Basque Country	1268	**17.3**	*0.50*	2.14	*0.07*	704	**7.5**	*0.32*	0.86	*0.04*
Spain, Canary Islands	525	**11.1**	*0.49*	1.34	*0.07*	378	**6.8**	*0.37*	0.78	*0.05*
Spain, Cuenca	131	**10.4**	*1.05*	1.29	*0.15*	73	**5.7**	*0.84*	0.71	*0.11*
Spain, Girona	363	**14.8**	*0.83*	1.79	*0.12*	221	**7.3**	*0.57*	0.84	*0.08*
Spain, Granada	368	**11.1**	*0.62*	1.37	*0.09*	240	**6.4**	*0.46*	0.71	*0.06*
Spain, Murcia	660	**15.2**	*0.62*	1.77	*0.09*	398	**7.6**	*0.42*	0.90	*0.06*
Spain, Navarra	419	**16.3**	*0.85*	2.04	*0.12*	233	**7.3**	*0.56*	0.84	*0.08*
Spain, Tarragona	318	**14.4**	*0.87*	1.74	*0.12*	196	**7.8**	*0.64*	0.90	*0.09*
Spain, Zaragoza	471	**11.3**	*0.56*	1.30	*0.08*	352	**7.0**	*0.44*	0.77	*0.06*
Sweden	5100	**12.1**	*0.18*	1.49	*0.03*	3823	**7.3**	*0.14*	0.90	*0.02*
Switzerland, Geneva	177	**11.6**	*0.90*	1.43	*0.13*	143	**6.7**	*0.62*	0.75	*0.08*
Switzerland, Graubunden and Glarus	101	**11.2**	*1.16*	1.41	*0.17*	69	**6.0**	*0.81*	0.68	*0.11*
Switzerland, Neuchatel	96	**13.7**	*1.47*	1.83	*0.23*	59	**6.8**	*1.00*	0.80	*0.13*
Switzerland, St Gall-Appenzell	289	**14.9**	*0.92*	1.79	*0.13*	175	**7.1**	*0.60*	0.84	*0.08*
Switzerland, Ticino	164	**12.4**	*1.00*	1.53	*0.15*	132	**7.2**	*0.72*	0.88	*0.10*
Switzerland, Valais	131	**13.0**	*1.17*	1.60	*0.16*	79	**6.3**	*0.77*	0.74	*0.10*
Switzerland, Vaud	365	**14.9**	*0.82*	1.74	*0.12*	263	**7.9**	*0.55*	0.97	*0.08*
The Netherlands	9330	**15.8**	*0.17*	1.93	*0.02*	6736	**9.0**	*0.12*	1.09	*0.02*
The Netherlands, Eindhoven	678	**18.4**	*0.72*	2.26	*0.10*	464	**10.4**	*0.51*	1.29	*0.07*
The Netherlands, Maastricht	677	**18.5**	*0.73*	2.32	*0.11*	481	**10.8**	*0.54*	1.32	*0.08*
UK, East of England Region	1897	**15.1**	*0.37*	1.85	*0.05*	1298	**8.4**	*0.27*	1.00	*0.04*
UK, England, Merseyside and Cheshire	1672	**16.6**	*0.42*	2.05	*0.06*	1043	**7.4**	*0.26*	0.84	*0.04*
UK, England, North Western	2808	**16.9**	*0.33*	2.07	*0.05*	1870	**8.1**	*0.22*	0.94	*0.03*
UK, England, Northern and Yorkshire	5229	**18.8**	*0.27*	2.32	*0.04*	3203	**8.6**	*0.17*	1.00	*0.02*
UK, England, Oxford Region	1504	**14.3**	*0.38*	1.72	*0.06*	1071	**8.3**	*0.28*	0.96	*0.04*
UK, England, South and Western Regions	4063	**12.9**	*0.22*	1.56	*0.03*	2943	**6.9**	*0.15*	0.79	*0.02*
UK, England, Thames	7132	**13.0**	*0.16*	1.59	*0.02*	5403	**7.2**	*0.11*	0.84	*0.02*
UK, England, Trent	3410	**16.2**	*0.29*	1.96	*0.04*	2054	**7.6**	*0.19*	0.91	*0.03*
UK, England, West Midlands	3722	**16.5**	*0.28*	2.04	*0.04*	2207	**7.8**	*0.19*	0.92	*0.03*
UK, Northern Ireland	876	**14.9**	*0.52*	1.87	*0.08*	637	**8.5**	*0.37*	1.02	*0.05*
UK, Scotland	3492	**17.1**	*0.30*	2.11	*0.04*	2373	**8.4**	*0.19*	0.99	*0.03*
Oceania										
Australia, New South Wales	4341	**18.4**	*0.29*	2.31	*0.04*	2671	**9.8**	*0.21*	1.17	*0.03*
Australia, Northern Territory	55	**13.6**	*1.97*	1.74	*0.31*	24	**6.2**	*1.36*	0.63	*0.17*
Australia, Queensland	2250	**18.5**	*0.40*	2.32	*0.06*	1330	**9.7**	*0.28*	1.14	*0.04*
Australia, South	1119	**19.0**	*0.59*	2.38	*0.09*	799	**10.9**	*0.43*	1.25	*0.06*
Australia, Tasmania	337	**19.1**	*1.08*	2.43	*0.16*	239	**10.6**	*0.76*	1.19	*0.11*
Australia, Victoria	3307	**19.2**	*0.35*	2.36	*0.05*	2146	**10.3**	*0.24*	1.23	*0.04*
Australia, Western	1148	**18.6**	*0.56*	2.29	*0.08*	685	**9.5**	*0.39*	1.09	*0.06*
Australian Capital Territory	164	**18.9**	*1.51*	2.32	*0.23*	92	**8.3**	*0.93*	0.86	*0.13*
French Polynesia	30	**7.2**	*1.39*	0.81	*0.18*	15	**3.5**	*0.92*	0.33	*0.11*
New Zealand	2422	**18.9**	*0.40*	2.41	*0.06*	1664	**11.0**	*0.29*	1.36	*0.04*
USA, Hawaii	676	**15.2**	*0.62*	1.87	*0.09*	393	**7.7**	*0.42*	0.91	*0.06*
USA, Hawaii: Chinese	44	**11.4**	*1.88*	1.25	*0.25*	24	**4.8**	*1.13*	0.51	*0.15*
USA, Hawaii: Filipino	119	**17.6**	*1.72*	2.13	*0.24*	47	**6.3**	*0.95*	0.73	*0.13*
USA, Hawaii: Hawaiian	82	**16.5**	*1.86*	2.07	*0.29*	52	**9.5**	*1.35*	1.13	*0.18*
USA, Hawaii: Japanese	271	**21.8**	*1.49*	2.68	*0.20*	158	**9.8**	*0.95*	1.15	*0.12*
USA, Hawaii: White	130	**10.5**	*0.96*	1.24	*0.14*	80	**6.6**	*0.80*	0.76	*0.11*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Anus (C21)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	2	**0.1**	*0.06*	-	-	1	**0.1**	*0.07*	-	- *
Egypt, Gharbiah	23	**0.6**	*0.13*	-	-	22	**0.4**	*0.10*	-	-
Tunisia, Centre, Sousse	3	**0.3**	*0.20*	-	-	2	**0.2**	*0.11*	-	- *
Uganda, Kyadondo County	2	**0.2**	*0.16*	-	-	3	**0.0**	*0.03*	-	- *
Zimbabwe, Harare: African	4	**0.2**	*0.09*	-	-	2	**0.0**	*0.03*	-	- *
America, Central and South										
Argentina, Bahia Blanca	2	**0.2**	*0.14*	0.02	*0.02*	10	**0.8**	*0.29*	0.07	*0.03*
Brazil, Brasilia	19	**0.9**	*0.22*	0.12	*0.03*	37	**1.4**	*0.24*	0.18	*0.04*
Brazil, Cuiaba	4	**0.6**	*0.32*	0.08	*0.04*	5	**0.8**	*0.37*	0.10	*0.05*
Brazil, Goiania	2	**0.1**	*0.09*	0.01	*0.01*	13	**0.6**	*0.18*	0.05	*0.02*
Brazil, Sao Paulo	169	**0.8**	*0.06*	0.09	*0.01*	319	**1.1**	*0.07*	0.13	*0.01*
Chile, Valdivia	4	**0.5**	*0.24*	0.06	*0.04*	1	**0.1**	*0.12*	0.01	*0.01*
Colombia, Cali	19	**0.6**	*0.14*	0.08	*0.02*	59	**1.4**	*0.18*	0.17	*0.03*
Costa Rica	24	**0.3**	*0.07*	0.03	*0.01*	44	**0.6**	*0.09*	0.08	*0.01*
Ecuador, Quito	7	**0.2**	*0.08*	0.01	*0.01*	21	**0.7**	*0.15*	0.08	*0.02*
France, La Martinique	5	**0.4**	*0.19*	0.06	*0.03*	15	**0.9**	*0.25*	0.08	*0.03*
Peru, Trujillo	4	**0.5**	*0.23*	0.07	*0.05*	13	**1.2**	*0.34*	0.15	*0.05* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	778	**1.0**	*0.04*	0.11	*0.00*	1011	**1.1**	*0.04*	0.12	*0.00*
Canada, Alberta	47	**0.5**	*0.08*	0.06	*0.01*	77	**0.7**	*0.09*	0.08	*0.01*
Canada, British Columbia	103	**0.7**	*0.07*	0.07	*0.01*	169	**1.0**	*0.08*	0.12	*0.01*
Canada, Manitoba	25	**0.7**	*0.14*	0.08	*0.02*	39	**0.8**	*0.14*	0.08	*0.02*
Canada, New Brunswick	28	**1.1**	*0.21*	0.13	*0.03*	44	**1.5**	*0.24*	0.19	*0.03*
Canada, Newfoundland and Labrador	5	**0.2**	*0.11*	0.02	*0.01*	12	**0.5**	*0.15*	0.04	*0.02*
Canada, Northwest Territories	0	**-**	-	-	-	1	**2.0**	*1.96*	0.33	*0.33*
Canada, Nova Scotia	27	**0.8**	*0.15*	0.09	*0.02*	52	**1.3**	*0.19*	0.14	*0.02*
Canada, Ontario	526	**1.3**	*0.06*	0.16	*0.01*	586	**1.2**	*0.05*	0.14	*0.01*
Canada, Prince Edward Island	2	**0.4**	*0.25*	0.02	*0.02*	5	**0.7**	*0.34*	0.10	*0.06*
Canada, Saskatchewan	15	**0.4**	*0.11*	0.04	*0.01*	26	**0.6**	*0.13*	0.07	*0.02*
USA, Alabama	91	**0.6**	*0.07*	0.07	*0.01*	175	**1.0**	*0.08*	0.12	*0.01*
USA, Alabama: Black	22	**0.8**	*0.18*	0.09	*0.02*	28	**0.7**	*0.14*	0.07	*0.02*
USA, Alabama: White	66	**0.6**	*0.07*	0.07	*0.01*	146	**1.1**	*0.10*	0.13	*0.01*
USA, Alaska	6	**0.3**	*0.15*	0.04	*0.02*	21	**1.3**	*0.29*	0.17	*0.05*
USA, Arizona	127	**0.8**	*0.07*	0.09	*0.01*	191	**1.0**	*0.08*	0.12	*0.01*
USA, California	1008	**1.0**	*0.03*	0.12	*0.00*	1369	**1.1**	*0.03*	0.13	*0.00*
USA, California: Asian and Pacific Islander	29	**0.3**	*0.05*	0.03	*0.01*	59	**0.4**	*0.06*	0.05	*0.01*
USA, California: Black	80	**1.3**	*0.15*	0.15	*0.02*	67	**0.9**	*0.12*	0.10	*0.02*
USA, California: Hispanic White	117	**0.6**	*0.06*	0.07	*0.01*	150	**0.8**	*0.06*	0.08	*0.01*
USA, California: Non-Hispanic White	759	**1.2**	*0.05*	0.14	*0.01*	1082	**1.4**	*0.05*	0.16	*0.01*
USA, California, Greater San Francisco Bay Area	247	**1.2**	*0.08*	0.13	*0.01*	243	**1.0**	*0.07*	0.11	*0.01*
USA, California, Greater San Francisco Bay Area: Black	29	**2.0**	*0.38*	0.23	*0.05*	14	**0.9**	*0.25*	0.12	*0.04*
USA, California, Greater San Francisco Bay Area: Chinese	5	**0.3**	*0.14*	0.04	*0.02*	5	**0.2**	*0.10*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Filipino	5	**0.6**	*0.25*	0.06	*0.03*	5	**0.4**	*0.20*	0.07	*0.03*
USA, California, Greater San Francisco Bay Area: Japanese	1	**0.3**	*0.25*	-	-	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	24	**1.0**	*0.21*	0.10	*0.03*	22	**0.8**	*0.18*	0.09	*0.03*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	172	**1.4**	*0.11*	0.16	*0.01*	189	**1.3**	*0.10*	0.15	*0.01*
USA, California, Los Angeles County	261	**1.0**	*0.06*	0.11	*0.01*	332	**1.0**	*0.06*	0.11	*0.01*
USA, California, Los Angeles County: Black	39	**1.5**	*0.24*	0.17	*0.03*	30	**0.9**	*0.16*	0.09	*0.02*
USA, California, Los Angeles County: Chinese	3	**0.3**	*0.20*	0.05	*0.03*	5	**0.3**	*0.15*	0.03	*0.02*
USA, California, Los Angeles County: Filipino	2	**0.2**	*0.15*	0.01	*0.01*	3	**0.3**	*0.19*	0.04	*0.03*
USA, California, Los Angeles County: Japanese	1	**0.3**	*0.27*	0.02	*0.02*	0	**-**	-	-	-
USA, California, Los Angeles County: Korean	1	**0.2**	*0.22*	0.05	*0.05*	8	**1.1**	*0.40*	0.14	*0.06*
USA, California, Los Angeles County: Hispanic White	42	**0.5**	*0.09*	0.04	*0.01*	71	**0.9**	*0.11*	0.09	*0.02*
USA, California, Los Angeles County: Non-Hispanic White	169	**1.3**	*0.11*	0.15	*0.01*	209	**1.3**	*0.10*	0.15	*0.01*
USA, Colorado	95	**0.7**	*0.08*	0.08	*0.01*	153	**1.1**	*0.09*	0.12	*0.01*
USA, Connecticut	79	**0.7**	*0.08*	0.08	*0.01*	127	**0.9**	*0.08*	0.11	*0.01*
USA, Connecticut: Black	11	**1.4**	*0.44*	0.16	*0.06*	12	**1.2**	*0.36*	0.14	*0.05*
USA, Connecticut: White	66	**0.6**	*0.08*	0.08	*0.01*	114	**0.8**	*0.09*	0.11	*0.01*
USA, District of Columbia	43	**2.6**	*0.40*	0.27	*0.05*	31	**1.3**	*0.26*	0.12	*0.03*
USA, District of Columbia: Black	29	**2.8**	*0.54*	0.27	*0.06*	19	**1.4**	*0.33*	0.13	*0.03*
USA, District of Columbia: White	13	**2.3**	*0.66*	0.30	*0.09*	12	**1.4**	*0.46*	0.13	*0.07*
USA, Florida	617	**1.1**	*0.04*	0.12	*0.01*	999	**1.4**	*0.05*	0.15	*0.01*
USA, Florida: Black	73	**1.3**	*0.15*	0.15	*0.02*	70	**1.0**	*0.12*	0.11	*0.02*
USA, Florida: White	534	**1.0**	*0.05*	0.11	*0.01*	919	**1.4**	*0.05*	0.16	*0.01*
USA, Georgia	210	**0.9**	*0.06*	0.10	*0.01*	318	**1.2**	*0.07*	0.13	*0.01*
USA, Georgia: Black	49	**0.9**	*0.14*	0.10	*0.02*	61	**0.9**	*0.12*	0.09	*0.01*
USA, Georgia: White	160	**0.9**	*0.07*	0.10	*0.01*	255	**1.3**	*0.08*	0.14	*0.01*
USA, Georgia, Atlanta	98	**1.3**	*0.13*	0.14	*0.02*	110	**1.2**	*0.12*	0.13	*0.02*
USA, Georgia, Atlanta: Black	30	**1.2**	*0.25*	0.13	*0.03*	30	**1.0**	*0.20*	0.09	*0.02*
USA, Georgia, Atlanta: White	68	**1.3**	*0.17*	0.15	*0.02*	79	**1.3**	*0.16*	0.15	*0.02*
USA, Idaho	24	**0.6**	*0.13*	0.08	*0.02*	51	**1.1**	*0.17*	0.12	*0.02*
USA, Illinois	303	**0.8**	*0.05*	0.09	*0.01*	469	**1.0**	*0.05*	0.11	*0.01*
USA, Illinois: Black	55	**1.2**	*0.16*	0.13	*0.02*	67	**1.1**	*0.14*	0.11	*0.02*
USA, Illinois: White	241	**0.7**	*0.05*	0.09	*0.01*	395	**1.0**	*0.05*	0.11	*0.01*
USA, Indiana	153	**0.8**	*0.07*	0.09	*0.01*	276	**1.2**	*0.08*	0.13	*0.01*
USA, Iowa	51	**0.5**	*0.07*	0.06	*0.01*	124	**1.1**	*0.11*	0.11	*0.01*
USA, Kentucky	94	**0.7**	*0.08*	0.08	*0.01*	194	**1.2**	*0.09*	0.14	*0.01*
USA, Louisiana	118	**0.9**	*0.08*	0.10	*0.01*	181	**1.1**	*0.09*	0.13	*0.01*
USA, Louisiana: Black	21	**0.6**	*0.13*	0.05	*0.01*	36	**0.8**	*0.14*	0.08	*0.02*
USA, Louisiana: White	95	**1.0**	*0.10*	0.11	*0.01*	145	**1.2**	*0.11*	0.16	*0.02*
USA, Louisiana, New Orleans: Black	10	**1.0**	*0.32*	0.10	*0.04*	15	**1.0**	*0.28*	0.09	*0.03*
USA, Louisiana, New Orleans: White	38	**2.1**	*0.34*	0.22	*0.04*	35	**1.5**	*0.27*	0.18	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Anus (C21) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	50	**1.1**	*0.16*	0.14	*0.02*	62	**1.2**	*0.16*	0.13	*0.02*
USA, Massachusetts	193	**0.9**	*0.07*	0.10	*0.01*	251	**1.0**	*0.07*	0.11	*0.01*
USA, Michigan	217	**0.7**	*0.05*	0.08	*0.01*	345	**0.9**	*0.05*	0.11	*0.01*
USA, Michigan: Black	32	**0.8**	*0.15*	0.08	*0.02*	50	**1.1**	*0.16*	0.14	*0.02*
USA, Michigan: White	182	**0.6**	*0.05*	0.07	*0.01*	291	**0.9**	*0.05*	0.10	*0.01*
USA, Michigan, Detroit	101	**0.8**	*0.08*	0.09	*0.01*	157	**1.0**	*0.08*	0.12	*0.01*
USA, Michigan, Detroit: Black	26	**0.9**	*0.19*	0.08	*0.02*	42	**1.3**	*0.21*	0.17	*0.03*
USA, Michigan, Detroit: White	74	**0.7**	*0.09*	0.09	*0.01*	115	**0.9**	*0.09*	0.11	*0.01*
USA, Missouri	130	**0.7**	*0.06*	0.08	*0.01*	226	**0.9**	*0.07*	0.11	*0.01*
USA, Missouri: Black	15	**0.9**	*0.23*	0.07	*0.02*	13	**0.6**	*0.17*	0.10	*0.03*
USA, Missouri: White	114	**0.7**	*0.07*	0.08	*0.01*	211	**1.0**	*0.07*	0.11	*0.01*
USA, Montana	22	**0.7**	*0.15*	0.09	*0.02*	36	**1.0**	*0.18*	0.13	*0.03*
USA, NPCR	5995	**0.8**	*0.01*	0.10	*0.00*	9272	**1.1**	*0.01*	0.12	*0.00*
USA, NPCR: Black	706	**1.0**	*0.04*	0.12	*0.01*	784	**0.9**	*0.03*	0.10	*0.00*
USA, NPCR: White	5112	**0.8**	*0.01*	0.09	*0.00*	8260	**1.1**	*0.01*	0.13	*0.00*
USA, New Jersey	198	**0.7**	*0.05*	0.08	*0.01*	348	**1.0**	*0.06*	0.12	*0.01*
USA, New Jersey: Black	43	**1.3**	*0.21*	0.12	*0.02*	27	**0.7**	*0.14*	0.10	*0.02*
USA, New Jersey: White	154	**0.7**	*0.06*	0.08	*0.01*	308	**1.0**	*0.07*	0.12	*0.01*
USA, New Mexico	53	**0.9**	*0.13*	0.10	*0.02*	67	**1.0**	*0.12*	0.11	*0.02*
USA, New Mexico: American Indian	3	**0.9**	*0.52*	0.07	*0.05*	0	**-**	-	-	-
USA, New Mexico: Hispanic White	12	**0.6**	*0.19*	0.06	*0.02*	9	**0.4**	*0.14*	0.05	*0.02*
USA, New Mexico: Non-Hispanic White	38	**1.1**	*0.19*	0.13	*0.02*	58	**1.4**	*0.21*	0.16	*0.03*
USA, New York State	579	**1.0**	*0.04*	0.11	*0.01*	789	**1.0**	*0.04*	0.12	*0.01*
USA, New York State: Black	92	**1.3**	*0.13*	0.15	*0.02*	115	**1.1**	*0.11*	0.13	*0.01*
USA, New York State: White	479	**1.0**	*0.05*	0.11	*0.01*	662	**1.1**	*0.04*	0.12	*0.01*
USA, Ohio	256	**0.7**	*0.05*	0.08	*0.01*	450	**1.0**	*0.05*	0.11	*0.01*
USA, Ohio: Black	30	**0.9**	*0.17*	0.11	*0.02*	43	**1.0**	*0.16*	0.14	*0.02*
USA, Ohio: White	220	**0.7**	*0.05*	0.07	*0.01*	396	**1.0**	*0.05*	0.11	*0.01*
USA, Oklahoma	78	**0.7**	*0.08*	0.08	*0.01*	142	**1.1**	*0.10*	0.13	*0.01*
USA, Oregon	117	**1.0**	*0.10*	0.13	*0.01*	201	**1.5**	*0.11*	0.17	*0.02*
USA, Pennsylvania	300	**0.7**	*0.04*	0.08	*0.01*	510	**0.9**	*0.04*	0.10	*0.01*
USA, Pennsylvania: Black	31	**1.0**	*0.18*	0.11	*0.02*	37	**0.9**	*0.15*	0.12	*0.02*
USA, Pennsylvania: White	262	**0.7**	*0.04*	0.07	*0.01*	461	**0.9**	*0.05*	0.10	*0.01*
USA, Rhode Island	29	**0.8**	*0.16*	0.08	*0.02*	50	**1.1**	*0.17*	0.14	*0.02*
USA, SEER (9 Registries)	738	**0.9**	*0.03*	0.10	*0.00*	1031	**1.0**	*0.03*	0.12	*0.00*
USA, SEER (9 Registries): Black	103	**1.3**	*0.13*	0.14	*0.02*	98	**1.1**	*0.11*	0.13	*0.02*
USA, SEER (9 Registries): White	598	**0.9**	*0.04*	0.10	*0.00*	902	**1.1**	*0.04*	0.13	*0.01*
USA, SEER (14 Registries)	1954	**0.9**	*0.02*	0.10	*0.00*	2968	**1.1**	*0.02*	0.13	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	45	**0.3**	*0.04*	0.03	*0.01*	83	**0.4**	*0.04*	0.05	*0.01*
USA, SEER (14 Registries): Black	227	**1.1**	*0.08*	0.12	*0.01*	227	**0.9**	*0.06*	0.10	*0.01*
USA, SEER (14 Registries): Hispanic White	153	**0.6**	*0.05*	0.07	*0.01*	213	**0.8**	*0.06*	0.09	*0.01*
USA, SEER (14 Registries): Non-Hispanic White	1497	**0.9**	*0.02*	0.11	*0.00*	2418	**1.2**	*0.03*	0.14	*0.00*
USA, South Carolina	108	**0.9**	*0.08*	0.10	*0.01*	147	**0.9**	*0.08*	0.10	*0.01*
USA, South Carolina: Black	17	**0.6**	*0.14*	0.06	*0.02*	16	**0.4**	*0.10*	0.05	*0.01*
USA, South Carolina: White	91	**1.0**	*0.10*	0.12	*0.01*	129	**1.1**	*0.11*	0.12	*0.01*
USA, Texas	466	**0.8**	*0.04*	0.09	*0.00*	708	**1.0**	*0.04*	0.12	*0.01*
USA, Texas: Black	58	**1.0**	*0.13*	0.11	*0.02*	65	**0.9**	*0.12*	0.11	*0.02*
USA, Texas: White	398	**0.8**	*0.04*	0.09	*0.01*	634	**1.1**	*0.04*	0.12	*0.01*
USA, Utah	27	**0.5**	*0.10*	0.07	*0.02*	69	**1.1**	*0.14*	0.15	*0.02*
USA, Vermont	14	**0.7**	*0.18*	0.08	*0.03*	18	**0.7**	*0.19*	0.08	*0.02*
USA, Washington State	162	**0.8**	*0.07*	0.10	*0.01*	264	**1.2**	*0.08*	0.13	*0.01*
USA, Washington, Seattle	109	**0.8**	*0.08*	0.09	*0.01*	187	**1.2**	*0.09*	0.13	*0.01*
USA, West Virginia	58	**0.8**	*0.11*	0.09	*0.02*	122	**1.6**	*0.15*	0.18	*0.02*
USA, Wisconsin	104	**0.5**	*0.06*	0.07	*0.01*	155	**0.7**	*0.06*	0.09	*0.01*
Asia										
Bahrain: Bahraini	6	**1.0**	*0.39*	0.15	*0.07*	0	**-**	-	-	-
China, Guangzhou City	13	**0.3**	*0.08*	0.04	*0.01*	8	**0.1**	*0.05*	0.02	*0.01**
China, Hong Kong										
China, Jiashan	5	**0.4**	*0.17*	0.06	*0.03*	1	**0.1**	*0.06*	0.00	*0.00**
China, Nangang District, Harbin City	7	**0.3**	*0.12*	0.04	*0.02*	6	**0.2**	*0.10*	0.04	*0.02*
China, Shanghai	57	**0.2**	*0.03*	0.02	*0.00*	65	**0.2**	*0.03*	0.03	*0.00**
China, Zhongshan	8	**0.2**	*0.09*	0.03	*0.01*	8	**0.2**	*0.08*	0.03	*0.01**
Cyprus	5	**0.2**	*0.09*	0.02	*0.01*	5	**0.1**	*0.07*	0.01	*0.01**
India, Chennai (Madras)	51	**0.5**	*0.08*	0.06	*0.01*	41	**0.5**	*0.08*	0.07	*0.01*
India, New Delhi	160	**0.8**	*0.06*	0.10	*0.01*	71	**0.4**	*0.05*	0.05	*0.01**
India, Karunagappally	0	**-**	-	-	-	2	**0.2**	*0.16*	0.03	*0.02*
India, Mumbai (Bombay)	81	**0.3**	*0.04*	0.04	*0.01*	67	**0.3**	*0.04*	0.04	*0.01*
India, Nagpur	27	**0.6**	*0.12*	0.07	*0.02*	14	**0.4**	*0.10*	0.04	*0.01**
India, Poona	31	**0.5**	*0.09*	0.07	*0.01*	14	**0.2**	*0.06*	0.02	*0.01**
India, Trivandrum	4	**0.1**	*0.07*	0.02	*0.01*	2	**0.1**	*0.05*	0.01	*0.01**
Israel	88	**0.5**	*0.06*	0.06	*0.01*	100	**0.5**	*0.05*	0.05	*0.01*
Israel: Jews	83	**0.5**	*0.06*	0.07	*0.01*	96	**0.5**	*0.06*	0.06	*0.01*
Israel: Non-Jews	5	**0.3**	*0.13*	0.03	*0.02*	4	**0.2**	*0.11*	0.00	*0.00*
Japan, Aichi Prefecture	24	**0.6**	*0.13*	0.07	*0.02*	17	**0.4**	*0.09*	0.04	*0.01*
Japan, Fukui Prefecture	10	**0.2**	*0.06*	0.02	*0.01*	11	**0.2**	*0.07*	0.02	*0.01*
Japan, Hiroshima	17	**0.4**	*0.09*	0.06	*0.02*	12	**0.2**	*0.07*	0.03	*0.01*
Japan, Miyagi Prefecture	27	**0.3**	*0.05*	0.03	*0.01*	25	**0.2**	*0.04*	0.02	*0.00*
Japan, Nagasaki Prefecture	10	**0.1**	*0.04*	0.02	*0.01*	18	**0.2**	*0.05*	0.02	*0.01*
Japan, Osaka Prefecture	112	**0.3**	*0.03*	0.04	*0.00*	107	**0.2**	*0.02*	0.03	*0.00*
Japan, Yamagata Prefecture	15	**0.2**	*0.07*	0.03	*0.01*	13	**0.1**	*0.04*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Anus (C21) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	309	**0.4**	*0.02*	0.04	*0.00*	323	**0.3**	*0.02*	0.03	*0.00*
Korea, Busan	33	**0.4**	*0.08*	0.04	*0.01*	31	**0.3**	*0.05*	0.03	*0.01*
Korea, Daegu	11	**0.2**	*0.07*	0.02	*0.01*	27	**0.4**	*0.08*	0.04	*0.01*
Korea, Daejeon	9	**0.4**	*0.13*	0.05	*0.02*	7	**0.2**	*0.08*	0.02	*0.01*
Korea, Gwangju	7	**0.3**	*0.11*	0.02	*0.01*	6	**0.2**	*0.07*	0.01	*0.01*
Korea, Incheon	20	**0.5**	*0.12*	0.05	*0.02*	13	**0.2**	*0.06*	0.03	*0.01*
Korea, Jejudo	0	**-**	-	-	-	3	**0.3**	*0.17*	0.03	*0.02*
Korea, Seoul	95	**0.5**	*0.06*	0.05	*0.01*	96	**0.4**	*0.04*	0.05	*0.01*
Korea, Ulsan	2	**0.2**	*0.14*	0.04	*0.03*	4	**0.2**	*0.09*	0.00	*0.00*
Kuwait: Kuwaitis	1	**0.1**	*0.11*	0.01	*0.01*	7	**0.6**	*0.25*	0.10	*0.05*
Kuwait: Non-Kuwaitis	4	**0.1**	*0.05*	0.01	*0.01*	3	**0.4**	*0.28*	0.01	*0.00*
Malaysia, Penang	11	**0.5**	*0.17*	0.04	*0.02*	9	**0.4**	*0.13*	0.05	*0.02*
Malaysia, Sarawak	6	**0.2**	*0.07*	0.02	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
Oman: Omani	11	**0.7**	*0.21*	0.08	*0.03*	1	**0.1**	*0.06*	0.01	*0.01**
Pakistan, South Karachi	19	**0.7**	*0.17*	0.10	*0.03*	8	**0.4**	*0.13*	0.03	*0.01**
Philippines, Manila	20	**0.3**	*0.06*	0.04	*0.01*	14	**0.2**	*0.04*	0.02	*0.01**
Singapore	33	**0.4**	*0.07*	0.06	*0.01*	45	**0.5**	*0.07*	0.04	*0.01*
Singapore: Chinese	26	**0.4**	*0.08*	0.06	*0.01*	39	**0.5**	*0.08*	0.04	*0.01*
Singapore: Indian	4	**0.5**	*0.25*	0.06	*0.03*	2	**0.4**	*0.29*	0.08	*0.06*
Singapore: Malay	3	**0.3**	*0.19*	0.05	*0.03*	4	**0.5**	*0.26*	0.05	*0.03*
Thailand, Chiang Mai	10	**0.3**	*0.08*	0.03	*0.01*	18	**0.5**	*0.11*	0.06	*0.02**
Thailand, Lampang	6	**0.3**	*0.12*	0.03	*0.01*	3	**0.1**	*0.07*	0.01	*0.01**
Thailand, Songkhla	3	**0.1**	*0.06*	0.01	*0.01*	4	**0.1**	*0.07*	0.02	*0.01*
Turkey, Antalya	6	**0.2**	*0.09*	0.04	*0.02*	1	**0.0**	*0.03*	0.00	*0.00**
Turkey, Izmir	24	**0.3**	*0.06*	0.03	*0.01*	27	**0.3**	*0.06*	0.04	*0.01**
Europe										
Austria	153	**0.5**	*0.04*	0.06	*0.01*	368	**0.9**	*0.05*	0.10	*0.01*
Austria, Tyrol	12	**0.5**	*0.15*	0.07	*0.02*	33	**1.0**	*0.20*	0.11	*0.02*
Austria, Vorarlberg	1	**0.1**	*0.09*	0.01	*0.01*	19	**1.5**	*0.35*	0.17	*0.04*
Belarus	142	**0.5**	*0.04*	0.06	*0.01*	167	**0.3**	*0.03*	0.04	*0.00**
Belgium, Antwerp	24	**0.3**	*0.07*	0.03	*0.01*	37	**0.5**	*0.09*	0.06	*0.01**
Belgium, Flanders	83	**0.4**	*0.05*	0.04	*0.01*	94	**0.4**	*0.05*	0.04	*0.01*
Bulgaria	213	**0.6**	*0.05*	0.08	*0.01*	153	**0.4**	*0.03*	0.04	*0.00**
Croatia	35	**0.2**	*0.04*	0.02	*0.00*	60	**0.3**	*0.04*	0.03	*0.00*
Czech Republic	142	**0.4**	*0.03*	0.04	*0.00*	238	**0.5**	*0.04*	0.06	*0.00*
Denmark	137	**0.6**	*0.06*	0.07	*0.01*	305	**1.3**	*0.08*	0.15	*0.01*
Estonia	16	**0.3**	*0.09*	0.02	*0.01*	45	**0.7**	*0.11*	0.08	*0.01*
Finland	41	**0.2**	*0.03*	0.03	*0.00*	122	**0.4**	*0.04*	0.05	*0.01*
France, Bas-Rhin	22	**0.6**	*0.13*	0.07	*0.02*	46	**1.0**	*0.16*	0.13	*0.02*
France, Calvados	17	**0.7**	*0.18*	0.08	*0.02*	39	**1.2**	*0.22*	0.14	*0.03*
France, Doubs	7	**0.4**	*0.16*	0.04	*0.02*	27	**1.2**	*0.24*	0.13	*0.03*
France, Haut-Rhin	11	**0.4**	*0.14*	0.06	*0.02*	29	**0.9**	*0.18*	0.09	*0.02*
France, Herault	20	**0.6**	*0.14*	0.06	*0.02*	81	**1.7**	*0.22*	0.21	*0.03*
France, Isere	21	**0.5**	*0.12*	0.08	*0.02*	59	**1.2**	*0.17*	0.12	*0.02*
France, Loire-Atlantique	26	**0.7**	*0.14*	0.07	*0.02*	39	**0.7**	*0.13*	0.08	*0.02*
France, Manche	4	**0.2**	*0.11*	0.02	*0.01*	26	**1.0**	*0.22*	0.11	*0.03*
France, Somme	4	**0.2**	*0.11*	0.04	*0.02*	26	**1.0**	*0.21*	0.11	*0.03*
France, Tarn	7	**0.5**	*0.19*	0.07	*0.03*	17	**0.8**	*0.23*	0.08	*0.03*
France, Vendee	16	**0.7**	*0.20*	0.08	*0.02*	29	**1.1**	*0.22*	0.14	*0.03*
Germany, Brandenburg	49	**0.5**	*0.07*	0.05	*0.01*	129	**0.9**	*0.09*	0.11	*0.01*
Germany, Free State of Saxony	120	**0.6**	*0.06*	0.07	*0.01*	206	**0.7**	*0.06*	0.08	*0.01*
Germany, Hamburg	65	**1.0**	*0.13*	0.11	*0.01*	129	**1.4**	*0.14*	0.18	*0.02*
Germany, Mecklenburg-Western Pomerania	35	**0.5**	*0.09*	0.06	*0.01*	69	**0.7**	*0.09*	0.08	*0.01*
Germany, Munich	43	**0.4**	*0.07*	0.06	*0.01*	87	**0.8**	*0.09*	0.09	*0.01*
Germany, Northrhine-Westphalia: Munster	52	**0.5**	*0.07*	0.05	*0.01*	84	**0.6**	*0.07*	0.06	*0.01*
Germany, Saarland	28	**0.6**	*0.13*	0.07	*0.02*	69	**1.1**	*0.15*	0.12	*0.02*
Iceland	3	**0.2**	*0.14*	0.01	*0.01*	11	**1.2**	*0.38*	0.15	*0.05*
Ireland	68	**0.6**	*0.07*	0.06	*0.01*	76	**0.5**	*0.07*	0.07	*0.01*
Italy, Biella Province	6	**0.6**	*0.24*	0.05	*0.03*	14	**1.1**	*0.35*	0.14	*0.05*
Italy, Brescia Province	14	**0.5**	*0.15*	0.05	*0.02*	26	**0.8**	*0.17*	0.10	*0.02*
Italy, Ferrara Province	19	**1.0**	*0.25*	0.12	*0.03*	22	**0.8**	*0.21*	0.06	*0.02*
Italy, Florence and Prato	33	**0.6**	*0.11*	0.07	*0.01*	72	**1.0**	*0.15*	0.11	*0.02*
Italy, Genoa Province	22	**0.7**	*0.16*	0.09	*0.02*	48	**1.2**	*0.21*	0.15	*0.03*
Italy, Macerata Province	1	**0.1**	*0.06*	-	-	2	**0.1**	*0.05*	-	-
Italy, Milan	20	**0.5**	*0.11*	0.04	*0.01*	64	**0.8**	*0.12*	0.10	*0.02*
Italy, Modena Province	15	**0.4**	*0.12*	0.05	*0.02*	20	**0.6**	*0.14*	0.08	*0.02*
Italy, Naples	6	**0.4**	*0.15*	0.03	*0.02*	10	**0.5**	*0.15*	0.07	*0.03*
Italy, North East Cancer Surveillance Network	83	**0.8**	*0.10*	0.08	*0.01*	150	**1.1**	*0.10*	0.11	*0.01*
Italy, Parma Province	15	**0.8**	*0.21*	0.07	*0.02*	28	**1.0**	*0.23*	0.11	*0.03*
Italy, Ragusa Province	3	**0.3**	*0.19*	0.03	*0.02*	9	**0.5**	*0.19*	0.06	*0.03*
Italy, Reggio Emilia Province	15	**0.7**	*0.20*	0.09	*0.03*	25	**0.7**	*0.17*	0.10	*0.03*
Italy, Romagna Region	27	**0.5**	*0.12*	0.06	*0.01*	46	**0.8**	*0.13*	0.08	*0.02*
Italy, Salerno Province	25	**0.7**	*0.14*	0.09	*0.02*	25	**0.6**	*0.14*	0.07	*0.02*
Italy, Sassari Province	7	**0.3**	*0.13*	0.02	*0.01*	6	**0.3**	*0.12*	0.03	*0.01*
Italy, Syracuse Province	8	**0.6**	*0.21*	0.08	*0.03*	8	**0.6**	*0.23*	0.07	*0.03*
Italy, Sondrio	2	**0.3**	*0.20*	0.05	*0.03*	5	**0.4**	*0.19*	0.04	*0.03*
Italy, Torino	41	**1.0**	*0.16*	0.12	*0.02*	70	**1.2**	*0.16*	0.14	*0.02*
Italy, Umbria Region	27	**0.7**	*0.15*	0.08	*0.02*	40	**0.8**	*0.15*	0.10	*0.02*
Italy, Varese Province	9	**0.5**	*0.16*	0.05	*0.02*	19	**0.6**	*0.16*	0.06	*0.02*
Italy, Veneto Region	47	**0.7**	*0.10*	0.08	*0.01*	66	**0.7**	*0.10*	0.07	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Anus (C21) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	29	**0.4**	*0.07*	0.04	*0.01*	61	**0.4**	*0.06*	0.05	*0.01*
Lithuania	35	**0.3**	*0.06*	0.04	*0.01*	48	**0.3**	*0.05*	0.04	*0.01*
Malta	9	**0.6**	*0.20*	0.08	*0.03*	7	**0.4**	*0.14*	0.06	*0.03*
Norway	77	**0.4**	*0.05*	0.04	*0.01*	172	**0.9**	*0.07*	0.10	*0.01*
Poland, Cracow	10	**0.4**	*0.13*	0.05	*0.02*	17	**0.4**	*0.11*	0.05	*0.02**
Poland, Kielce	5	**0.1**	*0.05*	0.01	*0.01*	5	**0.1**	*0.04*	0.01	*0.00*
Poland, Warsaw City	21	**0.3**	*0.07*	0.03	*0.01*	58	**0.6**	*0.09*	0.07	*0.01*
Portugal, Porto	92	**0.9**	*0.10*	0.11	*0.01*	103	**0.7**	*0.07*	0.08	*0.01**
Portugal, South Regional	58	**0.5**	*0.07*	0.06	*0.01*	111	**0.7**	*0.08*	0.09	*0.01*
Russia, St Petersburg	30	**0.2**	*0.04*	0.02	*0.01*	78	**0.3**	*0.04*	0.04	*0.00*
Serbia	58	**0.3**	*0.04*	0.04	*0.01*	55	**0.3**	*0.04*	0.03	*0.00*
Slovak Republic	93	**0.6**	*0.06*	0.07	*0.01*	86	**0.4**	*0.04*	0.04	*0.01*
Slovenia	22	**0.3**	*0.07*	0.03	*0.01*	44	**0.5**	*0.08*	0.05	*0.01*
Spain, Albacete	3	**0.3**	*0.18*	0.02	*0.02*	2	**0.1**	*0.12*	0.01	*0.01*
Spain, Asturias	49	**1.0**	*0.16*	0.14	*0.02*	23	**0.3**	*0.08*	0.03	*0.01*
Spain, Basque Country	34	**0.5**	*0.09*	0.04	*0.01*	39	**0.4**	*0.08*	0.05	*0.01*
Spain, Canary Islands	15	**0.3**	*0.08*	0.04	*0.01*	18	**0.3**	*0.08*	0.02	*0.01*
Spain, Cuenca	7	**0.7**	*0.32*	0.07	*0.03*	9	**0.7**	*0.28*	0.10	*0.04*
Spain, Girona	16	**0.8**	*0.21*	0.08	*0.02*	10	**0.4**	*0.15*	0.05	*0.02*
Spain, Granada	19	**0.6**	*0.14*	0.05	*0.02*	13	**0.3**	*0.08*	0.02	*0.01*
Spain, Murcia	14	**0.3**	*0.09*	0.04	*0.01*	15	**0.3**	*0.09*	0.03	*0.01*
Spain, Navarra	14	**0.6**	*0.16*	0.07	*0.02*	15	**0.5**	*0.16*	0.06	*0.02*
Spain, Tarragona	9	**0.4**	*0.13*	0.06	*0.02*	13	**0.4**	*0.13*	0.04	*0.02*
Spain, Zaragoza	20	**0.5**	*0.13*	0.05	*0.01*	20	**0.3**	*0.09*	0.03	*0.01*
Sweden	180	**0.5**	*0.04*	0.05	*0.00*	412	**0.9**	*0.05*	0.11	*0.01*
Switzerland, Geneva	11	**0.7**	*0.23*	0.11	*0.04*	46	**2.2**	*0.35*	0.29	*0.05*
Switzerland, Graubunden and Glarus	6	**0.7**	*0.29*	0.07	*0.03*	2	**0.3**	*0.19*	0.02	*0.02*
Switzerland, Neuchatel	8	**1.4**	*0.52*	0.19	*0.07*	19	**2.0**	*0.53*	0.23	*0.07*
Switzerland, St Gall-Appenzell	11	**0.5**	*0.15*	0.04	*0.02*	29	**1.4**	*0.27*	0.18	*0.04*
Switzerland, Ticino	3	**0.2**	*0.15*	0.02	*0.01*	15	**1.0**	*0.35*	0.10	*0.03*
Switzerland, Valais	8	**0.7**	*0.26*	0.10	*0.04*	15	**1.2**	*0.36*	0.11	*0.04*
Switzerland, Vaud	19	**0.6**	*0.16*	0.06	*0.02*	62	**2.0**	*0.28*	0.25	*0.04*
The Netherlands	221	**0.4**	*0.03*	0.04	*0.00*	306	**0.4**	*0.03*	0.05	*0.00*
The Netherlands, Eindhoven	11	**0.3**	*0.10*	0.03	*0.01*	16	**0.4**	*0.10*	0.04	*0.01*
The Netherlands, Maastricht	6	**0.2**	*0.08*	0.02	*0.01*	20	**0.4**	*0.10*	0.05	*0.01*
UK, East of England Region	63	**0.5**	*0.07*	0.06	*0.01*	97	**0.7**	*0.08*	0.08	*0.01*
UK, England, Merseyside and Cheshire	77	**0.8**	*0.10*	0.10	*0.01*	93	**0.8**	*0.09*	0.09	*0.01*
UK, England, North Western	98	**0.6**	*0.07*	0.08	*0.01*	177	**0.9**	*0.08*	0.11	*0.01*
UK, England, Northern and Yorkshire	205	**0.8**	*0.06*	0.09	*0.01*	271	**0.8**	*0.06*	0.10	*0.01*
UK, England, Oxford Region	68	**0.6**	*0.08*	0.08	*0.01*	89	**0.8**	*0.09*	0.09	*0.01*
UK, England, South and Western Regions	212	**0.7**	*0.05*	0.09	*0.01*	358	**1.0**	*0.06*	0.12	*0.01*
UK, England, Thames	357	**0.7**	*0.04*	0.08	*0.01*	528	**0.9**	*0.04*	0.10	*0.01*
UK, England, Trent	120	**0.6**	*0.06*	0.07	*0.01*	163	**0.6**	*0.06*	0.06	*0.01*
UK, England, West Midlands	97	**0.5**	*0.05*	0.06	*0.01*	182	**0.7**	*0.06*	0.08	*0.01*
UK, Northern Ireland	34	**0.6**	*0.11*	0.07	*0.01*	42	**0.6**	*0.10*	0.06	*0.01*
UK, Scotland	118	**0.6**	*0.06*	0.07	*0.01*	188	**0.8**	*0.06*	0.08	*0.01*
Oceania										
Australia, New South Wales	232	**1.0**	*0.07*	0.12	*0.01*	279	**1.1**	*0.07*	0.12	*0.01*
Australia, Northern Territory	3	**0.9**	*0.53*	0.19	*0.13*	2	**0.4**	*0.31*	0.05	*0.03*
Australia, Queensland	99	**0.8**	*0.09*	0.11	*0.01*	116	**0.8**	*0.08*	0.10	*0.01*
Australia, South	20	**0.4**	*0.08*	0.04	*0.01*	56	**0.9**	*0.13*	0.10	*0.02*
Australia, Tasmania	21	**1.2**	*0.26*	0.18	*0.04*	19	**0.9**	*0.23*	0.10	*0.03*
Australia, Victoria	100	**0.6**	*0.06*	0.07	*0.01*	114	**0.6**	*0.06*	0.07	*0.01*
Australia, Western	41	**0.7**	*0.11*	0.09	*0.02*	55	**0.8**	*0.11*	0.08	*0.01*
Australian Capital Territory	6	**0.8**	*0.32*	0.11	*0.05*	9	**0.7**	*0.24*	0.04	*0.02*
French Polynesia	3	**0.5**	*0.28*	0.04	*0.03*	2	**0.5**	*0.36*	0.07	*0.07*
New Zealand	73	**0.6**	*0.07*	0.07	*0.01*	127	**0.9**	*0.09*	0.10	*0.01*
USA, Hawaii	16	**0.4**	*0.09*	0.04	*0.01*	26	**0.5**	*0.11*	0.06	*0.01*
USA, Hawaii: Chinese	1	**0.1**	*0.14*	-	-	2	**0.4**	*0.32*	0.05	*0.05*
USA, Hawaii: Filipino	2	**0.3**	*0.21*	0.02	*0.02*	0	**-**	-	-	-
USA, Hawaii: Hawaiian	3	**0.7**	*0.42*	0.15	*0.09*	2	**0.4**	*0.30*	0.05	*0.04*
USA, Hawaii: Japanese	2	**0.2**	*0.15*	0.02	*0.02*	3	**0.1**	*0.09*	0.02	*0.02*
USA, Hawaii: White	8	**0.6**	*0.23*	0.06	*0.03*	19	**1.5**	*0.38*	0.15	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Liver (C22)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	22	**1.1**	*0.23*	-	-	16	**0.8**	*0.20*	-	- *
Egypt, Gharbiah	912	**21.9**	*0.76*	-	-	227	**4.4**	*0.30*	-	-
Tunisia, Centre, Sousse	20	**2.2**	*0.51*	-	-	7	**0.7**	*0.25*	-	- *
Uganda, Kyadondo County	100	**8.7**	*1.05*	-	-	73	**5.8**	*0.79*	-	- *
Zimbabwe, Harare: African	265	**14.4**	*1.09*	-	-	159	**12.7**	*1.17*	-	- *
America, Central and South										
Argentina, Bahia Blanca	41	**4.5**	*0.74*	0.51	*0.11*	16	**1.3**	*0.37*	0.18	*0.05*
Brazil, Brasilia	135	**6.3**	*0.58*	0.67	*0.08*	148	**5.8**	*0.50*	0.67	*0.07*
Brazil, Cuiaba	41	**6.4**	*1.05*	0.84	*0.17*	26	**3.9**	*0.80*	0.55	*0.12*
Brazil, Goiania	49	**3.4**	*0.50*	0.40	*0.07*	22	**1.2**	*0.25*	0.07	*0.02*
Brazil, Sao Paulo	585	**2.9**	*0.12*	0.35	*0.02*	300	**1.1**	*0.07*	0.13	*0.01*
Chile, Valdivia	46	**5.4**	*0.81*	0.61	*0.11*	41	**3.8**	*0.61*	0.42	*0.09*
Colombia, Cali	105	**3.1**	*0.31*	0.36	*0.05*	124	**2.7**	*0.25*	0.31	*0.04*
Costa Rica	444	**5.8**	*0.28*	0.65	*0.04*	321	**3.8**	*0.22*	0.41	*0.03*
Ecuador, Quito	94	**3.4**	*0.37*	0.42	*0.06*	129	**3.9**	*0.37*	0.49	*0.06*
France, La Martinique	44	**3.6**	*0.57*	0.39	*0.08*	25	**1.5**	*0.33*	0.17	*0.05*
Peru, Trujillo	22	**2.4**	*0.52*	0.29	*0.08*	13	**1.2**	*0.33*	0.12	*0.04**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	3301	**4.2**	*0.08*	0.51	*0.01*	1393	**1.4**	*0.04*	0.17	*0.01*
Canada, Alberta	417	**4.6**	*0.23*	0.54	*0.03*	164	**1.5**	*0.13*	0.16	*0.02*
Canada, British Columbia	736	**5.0**	*0.19*	0.59	*0.03*	309	**1.7**	*0.11*	0.19	*0.01*
Canada, Manitoba	168	**4.2**	*0.34*	0.53	*0.05*	79	**1.4**	*0.20*	0.15	*0.02*
Canada, New Brunswick	59	**2.3**	*0.31*	0.29	*0.05*	25	**0.7**	*0.15*	0.08	*0.02*
Canada, Newfoundland and Labrador	32	**1.9**	*0.37*	0.25	*0.05*	18	**1.1**	*0.30*	0.10	*0.03*
Canada, Northwest Territories	1	**1.8**	*1.77*	0.44	*0.44*	0	**-**	-	-	-
Canada, Nova Scotia	87	**2.4**	*0.27*	0.28	*0.04*	45	**0.9**	*0.17*	0.08	*0.02*
Canada, Ontario	1696	**4.4**	*0.11*	0.54	*0.02*	708	**1.5**	*0.06*	0.19	*0.01*
Canada, Prince Edward Island	16	**3.2**	*0.92*	0.32	*0.12*	5	**0.7**	*0.37*	0.09	*0.05*
Canada, Saskatchewan	89	**2.3**	*0.27*	0.28	*0.04*	40	**0.8**	*0.16*	0.09	*0.02*
USA, Alabama	638	**4.2**	*0.17*	0.49	*0.02*	359	**1.7**	*0.10*	0.21	*0.01*
USA, Alabama: Black	123	**4.4**	*0.40*	0.52	*0.06*	81	**1.9**	*0.23*	0.21	*0.03*
USA, Alabama: White	506	**4.1**	*0.19*	0.47	*0.03*	271	**1.7**	*0.11*	0.20	*0.02*
USA, Alaska	100	**6.2**	*0.65*	0.75	*0.10*	47	**3.3**	*0.50*	0.39	*0.07*
USA, Arizona	798	**4.6**	*0.17*	0.54	*0.02*	345	**1.6**	*0.10*	0.18	*0.01*
USA, California	7052	**7.2**	*0.09*	0.88	*0.01*	3296	**2.6**	*0.05*	0.32	*0.01*
USA, California: Asian and Pacific Islander	1858	**16.8**	*0.40*	2.05	*0.06*	804	**5.7**	*0.21*	0.70	*0.03*
USA, California: Black	525	**9.2**	*0.41*	1.10	*0.06*	207	**2.8**	*0.20*	0.34	*0.03*
USA, California: Hispanic White	1594	**10.3**	*0.27*	1.28	*0.04*	768	**4.0**	*0.15*	0.48	*0.02*
USA, California: Non-Hispanic White	2987	**4.6**	*0.09*	0.54	*0.01*	1475	**1.7**	*0.05*	0.20	*0.01*
USA, California, Greater San Francisco Bay Area	1651	**8.5**	*0.22*	1.03	*0.03*	713	**2.9**	*0.12*	0.36	*0.02*
USA, California, Greater San Francisco Bay Area: Black	139	**10.9**	*0.94*	1.34	*0.13*	56	**3.3**	*0.48*	0.37	*0.06*
USA, California, Greater San Francisco Bay Area: Chinese	294	**18.9**	*1.15*	2.36	*0.16*	92	**4.8**	*0.54*	0.60	*0.08*
USA, California, Greater San Francisco Bay Area: Filipino	93	**10.4**	*1.10*	1.21	*0.16*	47	**3.7**	*0.55*	0.46	*0.09*
USA, California, Greater San Francisco Bay Area: Japanese	21	**7.0**	*1.64*	0.98	*0.25*	22	**3.7**	*0.88*	0.58	*0.15*
USA, California, Greater San Francisco Bay Area: Hispanic White	240	**11.1**	*0.74*	1.27	*0.10*	114	**4.5**	*0.44*	0.59	*0.07*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	616	**5.0**	*0.22*	0.60	*0.03*	276	**1.7**	*0.13*	0.19	*0.02*
USA, California, Los Angeles County	2083	**8.3**	*0.19*	1.02	*0.03*	1072	**3.2**	*0.11*	0.39	*0.02*
USA, California, Los Angeles County: Black	224	**9.0**	*0.61*	1.04	*0.08*	92	**2.7**	*0.29*	0.33	*0.04*
USA, California, Los Angeles County: Chinese	190	**17.2**	*1.32*	1.97	*0.18*	84	**6.1**	*0.74*	0.64	*0.10*
USA, California, Los Angeles County: Filipino	99	**12.5**	*1.29*	1.59	*0.20*	33	**2.6**	*0.47*	0.28	*0.07*
USA, California, Los Angeles County: Japanese	36	**7.9**	*1.55*	0.84	*0.17*	46	**7.3**	*1.39*	0.87	*0.16*
USA, California, Los Angeles County: Korean	144	**27.5**	*2.33*	3.40	*0.33*	73	**10.2**	*1.24*	1.15	*0.17*
USA, California, Los Angeles County: Hispanic White	591	**10.2**	*0.43*	1.33	*0.07*	340	**4.3**	*0.24*	0.51	*0.04*
USA, California, Los Angeles County: Non-Hispanic White	642	**5.0**	*0.21*	0.59	*0.03*	348	**2.1**	*0.14*	0.24	*0.02*
USA, Colorado	537	**4.2**	*0.19*	0.47	*0.03*	257	**1.7**	*0.11*	0.19	*0.02*
USA, Connecticut	602	**4.9**	*0.21*	0.58	*0.03*	276	**1.7**	*0.12*	0.19	*0.02*
USA, Connecticut: Black	57	**7.8**	*1.06*	0.89	*0.15*	18	**1.9**	*0.47*	0.20	*0.06*
USA, Connecticut: White	527	**4.6**	*0.22*	0.55	*0.03*	249	**1.6**	*0.13*	0.18	*0.02*
USA, District of Columbia	135	**8.2**	*0.73*	0.95	*0.10*	56	**2.1**	*0.31*	0.24	*0.04*
USA, District of Columbia: Black	98	**9.7**	*1.01*	1.12	*0.13*	49	**2.6**	*0.42*	0.29	*0.06*
USA, District of Columbia: White	30	**5.5**	*1.15*	0.61	*0.14*	7	**1.0**	*0.44*	0.13	*0.07*
USA, Florida	3370	**5.2**	*0.10*	0.61	*0.01*	1550	**1.8**	*0.05*	0.20	*0.01*
USA, Florida: Black	358	**6.5**	*0.35*	0.71	*0.05*	153	**2.1**	*0.18*	0.26	*0.03*
USA, Florida: White	2914	**4.9**	*0.10*	0.58	*0.01*	1356	**1.7**	*0.06*	0.19	*0.01*
USA, Georgia	872	**3.9**	*0.14*	0.46	*0.02*	457	**1.5**	*0.08*	0.17	*0.01*
USA, Georgia: Black	216	**4.5**	*0.32*	0.52	*0.04*	108	**1.6**	*0.17*	0.19	*0.02*
USA, Georgia: White	603	**3.5**	*0.15*	0.42	*0.02*	323	**1.4**	*0.08*	0.15	*0.01*
USA, Georgia, Atlanta	326	**4.8**	*0.27*	0.58	*0.04*	143	**1.6**	*0.15*	0.20	*0.02*
USA, Georgia, Atlanta: Black	108	**5.5**	*0.57*	0.59	*0.08*	53	**2.2**	*0.32*	0.30	*0.05*
USA, Georgia, Atlanta: White	170	**3.7**	*0.29*	0.47	*0.05*	73	**1.1**	*0.14*	0.13	*0.02*
USA, Idaho	130	**3.2**	*0.29*	0.40	*0.04*	74	**1.4**	*0.18*	0.16	*0.03*
USA, Illinois	2031	**5.2**	*0.12*	0.63	*0.02*	1074	**1.9**	*0.07*	0.23	*0.01*
USA, Illinois: Black	343	**8.0**	*0.44*	1.02	*0.07*	185	**2.9**	*0.22*	0.33	*0.03*
USA, Illinois: White	1553	**4.6**	*0.12*	0.55	*0.02*	834	**1.7**	*0.07*	0.20	*0.01*
USA, Indiana	766	**4.0**	*0.15*	0.46	*0.02*	392	**1.5**	*0.09*	0.18	*0.01*
USA, Iowa	379	**3.5**	*0.19*	0.43	*0.03*	203	**1.3**	*0.11*	0.16	*0.02*
USA, Kentucky	516	**3.8**	*0.17*	0.44	*0.02*	291	**1.6**	*0.11*	0.18	*0.01*
USA, Louisiana	853	**6.3**	*0.22*	0.73	*0.03*	349	**1.9**	*0.11*	0.22	*0.02*
USA, Louisiana: Black	228	**7.1**	*0.48*	0.83	*0.07*	89	**2.0**	*0.22*	0.23	*0.03*
USA, Louisiana: White	591	**5.8**	*0.25*	0.66	*0.03*	255	**1.8**	*0.13*	0.21	*0.02*
USA, Louisiana, New Orleans: Black	86	**9.2**	*1.02*	1.12	*0.14*	36	**2.6**	*0.45*	0.29	*0.06*
USA, Louisiana, New Orleans: White	162	**7.6**	*0.62*	0.89	*0.09*	67	**2.1**	*0.30*	0.26	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Liver (C22) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	196	**4.1**	*0.31*	0.48	*0.04*	72	**1.1**	*0.15*	0.12	*0.02*
USA, Massachusetts	1162	**5.6**	*0.17*	0.67	*0.02*	488	**1.6**	*0.09*	0.18	*0.01*
USA, Michigan	1613	**5.0**	*0.13*	0.59	*0.02*	799	**1.9**	*0.08*	0.23	*0.01*
USA, Michigan: Black	295	**8.9**	*0.53*	1.09	*0.07*	113	**2.6**	*0.25*	0.32	*0.04*
USA, Michigan: White	1257	**4.3**	*0.13*	0.52	*0.02*	664	**1.8**	*0.08*	0.21	*0.01*
USA, Michigan, Detroit	791	**6.2**	*0.23*	0.76	*0.03*	373	**2.2**	*0.13*	0.25	*0.02*
USA, Michigan, Detroit: Black	233	**9.8**	*0.65*	1.23	*0.09*	90	**2.7**	*0.30*	0.35	*0.04*
USA, Michigan, Detroit: White	529	**5.2**	*0.24*	0.62	*0.03*	271	**2.0**	*0.14*	0.22	*0.02*
USA, Missouri	813	**4.4**	*0.16*	0.52	*0.02*	375	**1.5**	*0.09*	0.17	*0.01*
USA, Missouri: Black	146	**10.6**	*0.89*	1.36	*0.13*	59	**2.8**	*0.38*	0.34	*0.06*
USA, Missouri: White	646	**3.8**	*0.16*	0.44	*0.02*	309	**1.4**	*0.10*	0.16	*0.01*
USA, Montana	99	**3.0**	*0.31*	0.35	*0.04*	66	**1.5**	*0.22*	0.14	*0.03*
USA, NPCR	39416	**5.5**	*0.03*	0.65	*0.00*	18834	**1.9**	*0.02*	0.22	*0.00*
USA, NPCR: Black	4843	**7.8**	*0.11*	0.92	*0.02*	2074	**2.3**	*0.05*	0.27	*0.01*
USA, NPCR: White	30392	**4.8**	*0.03*	0.56	*0.00*	15047	**1.7**	*0.02*	0.20	*0.00*
USA, New Jersey	1621	**5.8**	*0.15*	0.67	*0.02*	752	**1.8**	*0.08*	0.21	*0.01*
USA, New Jersey: Black	229	**8.1**	*0.54*	0.94	*0.07*	83	**1.9**	*0.22*	0.21	*0.03*
USA, New Jersey: White	1247	**5.1**	*0.15*	0.60	*0.02*	619	**1.7**	*0.08*	0.20	*0.01*
USA, New Mexico	368	**6.3**	*0.34*	0.73	*0.05*	178	**2.4**	*0.20*	0.29	*0.03*
USA, New Mexico: American Indian	37	**10.6**	*1.77*	1.26	*0.27*	15	**3.2**	*0.87*	0.38	*0.14*
USA, New Mexico: Hispanic White	175	**9.8**	*0.75*	1.14	*0.10*	68	**2.8**	*0.35*	0.30	*0.05*
USA, New Mexico: Non-Hispanic White	145	**4.0**	*0.35*	0.46	*0.05*	88	**2.2**	*0.28*	0.27	*0.04*
USA, New York State	4206	**6.9**	*0.11*	0.83	*0.02*	1981	**2.2**	*0.06*	0.26	*0.01*
USA, New York State: Black	616	**9.2**	*0.37*	1.10	*0.05*	291	**2.7**	*0.17*	0.33	*0.02*
USA, New York State: White	3072	**5.9**	*0.11*	0.71	*0.02*	1520	**2.0**	*0.06*	0.23	*0.01*
USA, Ohio	1576	**4.1**	*0.11*	0.46	*0.01*	854	**1.6**	*0.06*	0.17	*0.01*
USA, Ohio: Black	265	**8.4**	*0.52*	0.96	*0.07*	102	**2.1**	*0.22*	0.23	*0.03*
USA, Ohio: White	1247	**3.5**	*0.10*	0.39	*0.01*	729	**1.5**	*0.07*	0.15	*0.01*
USA, Oklahoma	495	**4.1**	*0.19*	0.48	*0.03*	291	**1.8**	*0.12*	0.20	*0.02*
USA, Oregon	462	**3.9**	*0.19*	0.43	*0.03*	238	**1.6**	*0.12*	0.20	*0.02*
USA, Pennsylvania	2366	**5.3**	*0.11*	0.62	*0.02*	1074	**1.6**	*0.06*	0.18	*0.01*
USA, Pennsylvania: Black	354	**11.6**	*0.63*	1.35	*0.08*	140	**2.9**	*0.27*	0.33	*0.04*
USA, Pennsylvania: White	1865	**4.4**	*0.11*	0.53	*0.02*	895	**1.4**	*0.06*	0.16	*0.01*
USA, Rhode Island	201	**5.4**	*0.40*	0.65	*0.06*	97	**1.9**	*0.24*	0.19	*0.03*
USA, SEER (9 Registries)	4885	**5.9**	*0.09*	0.69	*0.01*	2297	**2.1**	*0.05*	0.25	*0.01*
USA, SEER (9 Registries): Black	584	**8.7**	*0.37*	1.04	*0.05*	232	**2.6**	*0.18*	0.32	*0.03*
USA, SEER (9 Registries): White	3210	**4.6**	*0.09*	0.55	*0.01*	1574	**1.7**	*0.05*	0.19	*0.01*
USA, SEER (14 Registries)	13843	**6.2**	*0.05*	0.73	*0.01*	6525	**2.2**	*0.03*	0.26	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	2592	**15.1**	*0.30*	1.82	*0.04*	1129	**5.3**	*0.17*	0.65	*0.02*
USA, SEER (14 Registries): Black	1483	**8.1**	*0.21*	0.96	*0.03*	582	**2.4**	*0.10*	0.28	*0.01*
USA, SEER (14 Registries): Hispanic White	2082	**9.9**	*0.22*	1.21	*0.03*	970	**3.8**	*0.12*	0.44	*0.02*
USA, SEER (14 Registries): Non-Hispanic White	7485	**4.4**	*0.05*	0.52	*0.01*	3746	**1.6**	*0.03*	0.19	*0.00*
USA, South Carolina	583	**4.5**	*0.19*	0.51	*0.03*	250	**1.5**	*0.10*	0.17	*0.01*
USA, South Carolina: Black	141	**4.9**	*0.42*	0.55	*0.06*	71	**1.7**	*0.22*	0.21	*0.03*
USA, South Carolina: White	427	**4.2**	*0.21*	0.48	*0.03*	164	**1.2**	*0.10*	0.14	*0.01*
USA, Texas	4014	**6.9**	*0.11*	0.80	*0.02*	1854	**2.4**	*0.06*	0.27	*0.01*
USA, Texas: Black	463	**8.8**	*0.42*	1.04	*0.06*	179	**2.4**	*0.19*	0.26	*0.03*
USA, Texas: White	3301	**6.4**	*0.11*	0.74	*0.02*	1588	**2.3**	*0.06*	0.26	*0.01*
USA, Utah	163	**2.9**	*0.24*	0.35	*0.03*	96	**1.4**	*0.16*	0.16	*0.02*
USA, Vermont	73	**3.4**	*0.41*	0.45	*0.06*	27	**1.1**	*0.26*	0.09	*0.03*
USA, Washington State	991	**5.2**	*0.17*	0.59	*0.02*	506	**2.1**	*0.11*	0.22	*0.01*
USA, Washington, Seattle	748	**5.8**	*0.22*	0.67	*0.03*	382	**2.4**	*0.14*	0.25	*0.02*
USA, West Virginia	259	**3.7**	*0.24*	0.42	*0.03*	143	**1.4**	*0.14*	0.15	*0.02*
USA, Wisconsin	893	**4.8**	*0.17*	0.60	*0.02*	430	**1.7**	*0.10*	0.21	*0.01*
Asia										
Bahrain: Bahraini	30	**5.3**	*0.98*	0.58	*0.13*	17	**3.1**	*0.76*	0.41	*0.12*
China, Guangzhou City	2425	**42.5**	*0.88*	4.79	*0.12*	729	**11.3**	*0.43*	1.26	*0.06**
China, Hong Kong	6289	**29.5**	*0.38*	3.51	*0.05*	1771	**7.3**	*0.19*	0.87	*0.03*
China, Jiashan	440	**33.8**	*1.66*	4.10	*0.23*	174	**12.6**	*1.00*	1.59	*0.14**
China, Nangang District, Harbin City	713	**30.3**	*1.16*	3.59	*0.15*	252	**10.3**	*0.66*	1.15	*0.09*
China, Shanghai	6001	**25.9**	*0.35*	2.94	*0.05*	2300	**8.3**	*0.20*	0.95	*0.03**
China, Zhongshan	857	**25.7**	*0.90*	3.00	*0.12*	177	**5.0**	*0.39*	0.60	*0.05**
Cyprus	74	**3.2**	*0.39*	0.36	*0.05*	29	**1.1**	*0.22*	0.13	*0.03**
India, Chennai (Madras)	269	**3.0**	*0.18*	0.37	*0.03*	83	**0.9**	*0.10*	0.10	*0.01*
India, New Delhi	491	**2.4**	*0.12*	0.28	*0.02*	232	**1.3**	*0.09*	0.16	*0.01**
India, Karunagappally	34	**3.9**	*0.67*	0.43	*0.09*	8	**0.8**	*0.30*	0.10	*0.05*
India, Mumbai (Bombay)	895	**4.5**	*0.15*	0.56	*0.02*	433	**2.2**	*0.11*	0.25	*0.02*
India, Nagpur	65	**1.6**	*0.21*	0.19	*0.03*	35	**0.9**	*0.15*	0.10	*0.02**
India, Poona	209	**3.4**	*0.24*	0.41	*0.04*	88	**1.4**	*0.15*	0.15	*0.02**
India, Trivandrum	78	**2.8**	*0.32*	0.32	*0.04*	30	**1.0**	*0.18*	0.12	*0.03**
Israel	556	**3.3**	*0.15*	0.41	*0.02*	333	**1.5**	*0.09*	0.17	*0.01*
Israel: Jews	463	**3.1**	*0.15*	0.38	*0.02*	293	**1.4**	*0.09*	0.16	*0.01*
Israel: Non-Jews	42	**2.7**	*0.43*	0.29	*0.06*	15	**0.7**	*0.19*	0.05	*0.02*
Japan, Aichi Prefecture	862	**22.0**	*0.75*	2.89	*0.11*	388	**8.0**	*0.43*	0.99	*0.07*
Japan, Fukui Prefecture	815	**20.4**	*0.76*	2.59	*0.11*	446	**7.5**	*0.41*	0.95	*0.06*
Japan, Hiroshima	1632	**39.8**	*1.00*	5.27	*0.15*	659	**11.9**	*0.50*	1.62	*0.08*
Japan, Miyagi Prefecture	1709	**16.4**	*0.42*	2.05	*0.06*	880	**5.6**	*0.21*	0.66	*0.03*
Japan, Nagasaki Prefecture	1923	**26.8**	*0.65*	3.52	*0.09*	906	**8.2**	*0.32*	1.04	*0.05*
Japan, Osaka Prefecture	13494	**35.6**	*0.31*	4.75	*0.05*	5654	**11.2**	*0.16*	1.43	*0.03*
Japan, Yamagata Prefecture	969	**14.3**	*0.50*	1.76	*0.07*	607	**5.9**	*0.31*	0.74	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Liver (C22) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	40709	**44.9**	*0.23*	5.40	*0.03*	13339	**12.0**	*0.11*	1.46	*0.01*
Korea, Busan	4438	**49.8**	*0.81*	6.06	*0.12*	1582	**14.9**	*0.38*	1.85	*0.06*
Korea, Daegu	2582	**46.1**	*0.95*	5.32	*0.13*	869	**12.9**	*0.44*	1.53	*0.06*
Korea, Daejeon	990	**35.4**	*1.18*	4.25	*0.17*	339	**10.3**	*0.57*	1.26	*0.08*
Korea, Gwangju	1349	**50.2**	*1.42*	6.13	*0.21*	374	**10.8**	*0.57*	1.34	*0.08*
Korea, Incheon	1961	**36.7**	*0.88*	4.37	*0.13*	712	**11.7**	*0.45*	1.41	*0.06*
Korea, Jejudo	352	**44.4**	*2.42*	5.29	*0.34*	131	**12.0**	*1.10*	1.30	*0.14*
Korea, Seoul	9909	**44.1**	*0.47*	5.23	*0.07*	3269	**13.0**	*0.23*	1.59	*0.03*
Korea, Ulsan	659	**42.7**	*1.84*	5.19	*0.27*	185	**11.0**	*0.84*	1.33	*0.12*
Kuwait: Kuwaitis	74	**8.1**	*0.97*	0.86	*0.13*	37	**3.6**	*0.62*	0.41	*0.09*
Kuwait: Non-Kuwaitis	77	**6.0**	*1.16*	0.66	*0.16*	27	**6.6**	*1.40*	0.79	*0.22*
Malaysia, Penang	209	**10.6**	*0.76*	1.34	*0.12*	82	**3.8**	*0.42*	0.47	*0.06*
Malaysia, Sarawak	325	**9.1**	*0.52*	1.16	*0.08*	114	**3.1**	*0.30*	0.36	*0.04*
Oman: Omani	124	**7.4**	*0.68*	0.99	*0.10*	53	**3.2**	*0.46*	0.39	*0.07**
Pakistan, South Karachi	138	**5.4**	*0.48*	0.69	*0.07*	70	**3.7**	*0.46*	0.45	*0.06**
Philippines, Manila	1570	**21.7**	*0.60*	2.55	*0.09*	568	**7.0**	*0.30*	0.80	*0.05**
Singapore	1522	**18.8**	*0.49*	2.21	*0.07*	459	**4.8**	*0.23*	0.50	*0.03*
Singapore: Chinese	1352	**21.3**	*0.59*	2.56	*0.09*	409	**5.0**	*0.26*	0.53	*0.04*
Singapore: Indian	59	**8.1**	*1.10*	0.78	*0.13*	14	**3.2**	*0.90*	0.22	*0.09*
Singapore: Malay	111	**12.3**	*1.20*	1.33	*0.15*	36	**3.6**	*0.61*	0.39	*0.08*
Thailand, Chiang Mai	730	**18.4**	*0.69*	2.18	*0.09*	278	**6.7**	*0.41*	0.81	*0.06**
Thailand, Lampang	723	**32.3**	*1.21*	3.97	*0.17*	347	**14.8**	*0.81*	1.79	*0.11**
Thailand, Songkhla	233	**8.6**	*0.57*	1.05	*0.08*	60	**1.9**	*0.25*	0.20	*0.03*
Turkey, Antalya	109	**3.8**	*0.37*	0.43	*0.05*	36	**1.2**	*0.20*	0.14	*0.03**
Turkey, Izmir	253	**3.2**	*0.20*	0.41	*0.03*	111	**1.3**	*0.12*	0.14	*0.02**
Europe										
Austria	2604	**8.6**	*0.17*	1.10	*0.03*	1319	**2.7**	*0.09*	0.32	*0.01*
Austria, Tyrol	174	**7.3**	*0.56*	0.92	*0.08*	78	**2.3**	*0.29*	0.30	*0.05*
Austria, Vorarlberg	79	**6.9**	*0.79*	0.88	*0.12*	31	**1.9**	*0.37*	0.23	*0.06*
Belarus	998	**3.4**	*0.11*	0.43	*0.02*	705	**1.4**	*0.06*	0.16	*0.01**
Belgium, Antwerp	88	**1.2**	*0.13*	0.16	*0.02*	50	**0.6**	*0.10*	0.07	*0.01**
Belgium, Flanders	496	**2.5**	*0.12*	0.30	*0.02*	366	**1.3**	*0.09*	0.15	*0.01*
Bulgaria	1949	**5.9**	*0.14*	0.72	*0.02*	1100	**2.5**	*0.09*	0.30	*0.01**
Croatia	1162	**6.9**	*0.21*	0.85	*0.03*	784	**3.0**	*0.12*	0.34	*0.02*
Czech Republic	2569	**7.1**	*0.14*	0.86	*0.02*	1449	**2.6**	*0.08*	0.30	*0.01*
Denmark	878	**4.0**	*0.14*	0.49	*0.02*	540	**1.9**	*0.09*	0.22	*0.01*
Estonia	182	**4.2**	*0.33*	0.47	*0.04*	150	**2.0**	*0.20*	0.22	*0.02*
Finland	972	**4.8**	*0.16*	0.55	*0.02*	744	**2.1**	*0.09*	0.20	*0.01*
France, Bas-Rhin	485	**13.6**	*0.63*	1.89	*0.10*	104	**2.2**	*0.23*	0.28	*0.03*
France, Calvados	372	**15.2**	*0.83*	1.96	*0.12*	77	**2.4**	*0.32*	0.28	*0.04*
France, Doubs	150	**7.9**	*0.67*	1.06	*0.10*	48	**1.6**	*0.26*	0.17	*0.04*
France, Haut-Rhin	301	**11.6**	*0.68*	1.55	*0.10*	96	**2.6**	*0.32*	0.28	*0.04*
France, Herault	339	**9.0**	*0.52*	1.13	*0.07*	110	**2.3**	*0.25*	0.29	*0.03*
France, Isere	475	**11.7**	*0.55*	1.50	*0.08*	123	**2.1**	*0.22*	0.23	*0.03*
France, Loire-Atlantique	588	**14.6**	*0.63*	1.98	*0.09*	75	**1.4**	*0.18*	0.18	*0.03*
France, Manche	128	**6.4**	*0.61*	0.85	*0.08*	21	**1.2**	*0.30*	0.13	*0.03*
France, Somme	162	**7.8**	*0.64*	1.13	*0.10*	52	**1.9**	*0.30*	0.20	*0.04*
France, Tarn	93	**4.9**	*0.55*	0.65	*0.08*	31	**1.1**	*0.27*	0.11	*0.03*
France, Vendee	197	**7.9**	*0.60*	1.14	*0.09*	39	**1.4**	*0.25*	0.18	*0.03*
Germany, Brandenburg	619	**6.0**	*0.25*	0.73	*0.03*	386	**2.5**	*0.15*	0.28	*0.02*
Germany, Free State of Saxony	1255	**6.5**	*0.19*	0.82	*0.03*	666	**2.1**	*0.10*	0.26	*0.01*
Germany, Hamburg	355	**5.0**	*0.27*	0.57	*0.04*	280	**2.2**	*0.16*	0.27	*0.02*
Germany, Mecklenburg-Western Pomerania	459	**6.7**	*0.32*	0.84	*0.04*	231	**2.1**	*0.15*	0.24	*0.02*
Germany, Munich	407	**4.3**	*0.22*	0.57	*0.03*	129	**1.0**	*0.10*	0.11	*0.01*
Germany, Northrhine-Westphalia: Munster	615	**5.8**	*0.24*	0.71	*0.03*	324	**2.1**	*0.13*	0.25	*0.02*
Germany, Saarland	323	**6.9**	*0.40*	0.85	*0.06*	156	**2.1**	*0.20*	0.22	*0.03*
Iceland	20	**1.8**	*0.42*	0.19	*0.06*	7	**0.6**	*0.26*	0.10	*0.04*
Ireland	291	**2.4**	*0.15*	0.28	*0.02*	164	**1.1**	*0.09*	0.13	*0.01*
Italy, Biella Province	149	**14.4**	*1.24*	1.82	*0.19*	59	**3.7**	*0.56*	0.45	*0.08*
Italy, Brescia Province	732	**29.5**	*1.12*	3.88	*0.17*	284	**7.4**	*0.49*	0.95	*0.07*
Italy, Ferrara Province	243	**11.6**	*0.80*	1.41	*0.12*	129	**3.9**	*0.44*	0.44	*0.06*
Italy, Florence and Prato	558	**9.0**	*0.41*	1.11	*0.06*	294	**3.0**	*0.20*	0.37	*0.03*
Italy, Genoa Province	351	**11.5**	*0.70*	1.34	*0.09*	185	**3.5**	*0.32*	0.41	*0.05*
Italy, Macerata Province	75	**7.3**	*0.90*	1.05	*0.14*	29	**2.3**	*0.62*	0.25	*0.07*
Italy, Milan	794	**15.2**	*0.57*	1.90	*0.08*	383	**4.0**	*0.26*	0.47	*0.04*
Italy, Modena Province	333	**10.4**	*0.61*	1.37	*0.09*	192	**4.0**	*0.37*	0.46	*0.05*
Italy, Naples	535	**34.8**	*1.51*	4.67	*0.23*	199	**10.2**	*0.75*	1.44	*0.12*
Italy, North East Cancer Surveillance Network	1709	**17.4**	*0.44*	2.23	*0.07*	635	**3.8**	*0.18*	0.45	*0.03*
Italy, Parma Province	450	**20.0**	*1.02*	2.58	*0.15*	296	**9.0**	*0.69*	1.07	*0.09*
Italy, Ragusa Province	188	**14.5**	*1.13*	1.84	*0.16*	86	**5.0**	*0.61*	0.57	*0.08*
Italy, Reggio Emilia Province	224	**10.1**	*0.71*	1.34	*0.11*	104	**3.5**	*0.44*	0.44	*0.06*
Italy, Romagna Region	354	**6.9**	*0.41*	0.87	*0.06*	193	**2.4**	*0.21*	0.28	*0.03*
Italy, Salerno Province	510	**14.6**	*0.67*	1.93	*0.10*	295	**6.2**	*0.41*	0.71	*0.06*
Italy, Sassari Province	316	**16.0**	*0.93*	2.08	*0.14*	184	**6.4**	*0.51*	0.84	*0.09*
Italy, Syracuse Province	145	**11.3**	*1.00*	1.39	*0.14*	90	**4.8**	*0.55*	0.60	*0.09*
Italy, Sondrio	192	**26.0**	*1.91*	3.53	*0.29*	52	**4.1**	*0.65*	0.48	*0.10*
Italy, Torino	608	**13.0**	*0.55*	1.63	*0.08*	249	**3.3**	*0.24*	0.37	*0.03*
Italy, Umbria Region	456	**9.3**	*0.47*	1.15	*0.07*	277	**3.6**	*0.25*	0.42	*0.04*
Italy, Varese Province	308	**14.9**	*0.86*	1.98	*0.13*	122	**3.4**	*0.35*	0.41	*0.05*
Italy, Veneto Region	1325	**18.2**	*0.52*	2.40	*0.08*	525	**4.2**	*0.21*	0.49	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Liver (C22) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	313	**4.0**	*0.23*	0.48	*0.03*	251	**1.9**	*0.13*	0.22	*0.02*
Lithuania	420	**3.9**	*0.19*	0.45	*0.03*	299	**1.7**	*0.11*	0.19	*0.01*
Malta	35	**2.5**	*0.44*	0.33	*0.07*	17	**1.1**	*0.28*	0.15	*0.04*
Norway	388	**2.1**	*0.12*	0.22	*0.02*	250	**1.1**	*0.08*	0.12	*0.01*
Poland, Cracow	92	**3.5**	*0.37*	0.40	*0.05*	61	**1.4**	*0.19*	0.16	*0.03**
Poland, Kielce	122	**2.9**	*0.28*	0.37	*0.04*	117	**1.7**	*0.17*	0.15	*0.02*
Poland, Warsaw City	182	**2.9**	*0.22*	0.36	*0.03*	152	**1.7**	*0.15*	0.21	*0.02*
Portugal, Porto	330	**3.2**	*0.18*	0.41	*0.03*	159	**1.2**	*0.11*	0.14	*0.01**
Portugal, South Regional	623	**5.4**	*0.23*	0.66	*0.03*	269	**1.7**	*0.13*	0.18	*0.02*
Russia, St Petersburg	651	**4.8**	*0.19*	0.56	*0.03*	565	**2.1**	*0.10*	0.23	*0.01*
Serbia	1070	**5.6**	*0.18*	0.72	*0.02*	793	**3.5**	*0.14*	0.42	*0.02*
Slovak Republic	1041	**6.7**	*0.21*	0.82	*0.03*	667	**2.8**	*0.12*	0.32	*0.02*
Slovenia	415	**6.0**	*0.30*	0.79	*0.04*	168	**1.6**	*0.14*	0.20	*0.02*
Spain, Albacete	66	**4.9**	*0.66*	0.56	*0.09*	37	**1.9**	*0.37*	0.15	*0.05*
Spain, Asturias	491	**9.8**	*0.50*	1.27	*0.07*	146	**1.8**	*0.17*	0.20	*0.02*
Spain, Basque Country	778	**10.7**	*0.40*	1.37	*0.06*	332	**3.1**	*0.20*	0.35	*0.03*
Spain, Canary Islands	395	**8.4**	*0.43*	1.03	*0.06*	187	**3.2**	*0.25*	0.39	*0.04*
Spain, Cuenca	61	**4.5**	*0.67*	0.57	*0.10*	31	**2.0**	*0.50*	0.19	*0.06*
Spain, Girona	219	**9.2**	*0.68*	1.10	*0.09*	99	**2.8**	*0.34*	0.29	*0.05*
Spain, Granada	264	**7.8**	*0.51*	0.98	*0.07*	112	**2.5**	*0.26*	0.29	*0.04*
Spain, Murcia	285	**6.9**	*0.43*	0.86	*0.06*	135	**2.1**	*0.20*	0.25	*0.03*
Spain, Navarra	202	**7.7**	*0.59*	0.91	*0.08*	76	**1.9**	*0.27*	0.22	*0.04*
Spain, Tarragona	177	**8.3**	*0.66*	1.13	*0.10*	78	**2.7**	*0.36*	0.31	*0.05*
Spain, Zaragoza	194	**5.3**	*0.41*	0.70	*0.06*	98	**1.7**	*0.20*	0.20	*0.03*
Sweden	1250	**3.0**	*0.09*	0.34	*0.01*	705	**1.4**	*0.07*	0.17	*0.01*
Switzerland, Geneva	176	**11.7**	*0.91*	1.43	*0.13*	50	**2.1**	*0.33*	0.27	*0.05*
Switzerland, Graubunden and Glarus	57	**6.3**	*0.87*	0.79	*0.13*	22	**1.8**	*0.42*	0.25	*0.07*
Switzerland, Neuchatel	58	**8.5**	*1.17*	1.11	*0.18*	20	**2.1**	*0.54*	0.24	*0.07*
Switzerland, St Gall-Appenzell	88	**4.3**	*0.48*	0.53	*0.07*	37	**1.4**	*0.27*	0.16	*0.04*
Switzerland, Ticino	216	**16.3**	*1.14*	2.00	*0.17*	64	**3.2**	*0.53*	0.38	*0.07*
Switzerland, Valais	125	**12.0**	*1.11*	1.57	*0.17*	31	**2.3**	*0.44*	0.35	*0.07*
Switzerland, Vaud	214	**9.3**	*0.67*	1.20	*0.10*	72	**2.3**	*0.32*	0.28	*0.04*
The Netherlands	1029	**1.8**	*0.06*	0.22	*0.01*	484	**0.7**	*0.04*	0.08	*0.00*
The Netherlands, Eindhoven	40	**1.1**	*0.17*	0.13	*0.02*	28	**0.6**	*0.14*	0.07	*0.02*
The Netherlands, Maastricht	58	**1.7**	*0.24*	0.21	*0.03*	23	**0.6**	*0.16*	0.05	*0.01*
UK, East of England Region	223	**1.8**	*0.13*	0.22	*0.02*	163	**1.0**	*0.09*	0.10	*0.01*
UK, England, Merseyside and Cheshire	506	**5.1**	*0.24*	0.61	*0.03*	673	**4.4**	*0.20*	0.51	*0.03*
UK, England, North Western	634	**3.7**	*0.16*	0.43	*0.02*	425	**1.7**	*0.10*	0.19	*0.01*
UK, England, Northern and Yorkshire	825	**3.0**	*0.11*	0.35	*0.02*	540	**1.4**	*0.07*	0.15	*0.01*
UK, England, Oxford Region	239	**2.3**	*0.16*	0.26	*0.02*	155	**1.1**	*0.11*	0.12	*0.01*
UK, England, South and Western Regions	907	**3.0**	*0.11*	0.35	*0.01*	607	**1.5**	*0.08*	0.17	*0.01*
UK, England, Thames	1736	**3.4**	*0.09*	0.40	*0.01*	912	**1.2**	*0.05*	0.14	*0.01*
UK, England, Trent	595	**2.8**	*0.12*	0.32	*0.02*	401	**1.4**	*0.08*	0.16	*0.01*
UK, England, West Midlands	616	**2.8**	*0.12*	0.33	*0.02*	366	**1.2**	*0.08*	0.14	*0.01*
UK, Northern Ireland	136	**2.4**	*0.21*	0.25	*0.03*	114	**1.5**	*0.15*	0.19	*0.02*
UK, Scotland	794	**3.9**	*0.15*	0.46	*0.02*	512	**1.7**	*0.09*	0.20	*0.01*
Oceania										
Australia, New South Wales	997	**4.3**	*0.14*	0.52	*0.02*	378	**1.4**	*0.08*	0.16	*0.01*
Australia, Northern Territory	28	**7.8**	*1.56*	0.89	*0.23*	6	**2.0**	*0.87*	0.28	*0.13*
Australia, Queensland	439	**3.6**	*0.18*	0.44	*0.03*	189	**1.4**	*0.11*	0.16	*0.02*
Australia, South	196	**3.2**	*0.24*	0.39	*0.04*	72	**0.9**	*0.12*	0.12	*0.02*
Australia, Tasmania	55	**3.5**	*0.49*	0.41	*0.06*	19	**1.1**	*0.28*	0.12	*0.03*
Australia, Victoria	836	**4.9**	*0.18*	0.58	*0.03*	292	**1.3**	*0.09*	0.14	*0.01*
Australia, Western	229	**3.7**	*0.25*	0.45	*0.04*	85	**1.2**	*0.15*	0.14	*0.02*
Australian Capital Territory	34	**4.1**	*0.73*	0.51	*0.11*	18	**1.8**	*0.44*	0.23	*0.07*
French Polynesia	59	**13.4**	*1.83*	1.54	*0.25*	18	**4.4**	*1.06*	0.66	*0.18*
New Zealand	506	**4.2**	*0.19*	0.49	*0.03*	247	**1.6**	*0.11*	0.19	*0.02*
USA, Hawaii	395	**9.1**	*0.49*	1.02	*0.07*	171	**3.3**	*0.28*	0.41	*0.04*
USA, Hawaii: Chinese	46	**13.9**	*2.20*	1.57	*0.28*	17	**3.9**	*1.06*	0.52	*0.16*
USA, Hawaii: Filipino	68	**10.2**	*1.31*	1.27	*0.19*	21	**2.7**	*0.61*	0.29	*0.08*
USA, Hawaii: Hawaiian	54	**11.0**	*1.52*	1.13	*0.20*	27	**4.4**	*0.87*	0.48	*0.12*
USA, Hawaii: Japanese	107	**8.5**	*1.09*	0.87	*0.12*	65	**3.5**	*0.54*	0.45	*0.08*
USA, Hawaii: White	69	**5.5**	*0.69*	0.61	*0.10*	18	**1.5**	*0.38*	0.17	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Gallbladder etc. (C23-24)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	38	**2.1**	*0.35*	-	-	199	**10.0**	*0.72*	-	- *
Egypt, Gharbiah	49	**1.2**	*0.19*	-	-	47	**1.0**	*0.14*	-	-
Tunisia, Centre, Sousse	16	**1.8**	*0.45*	-	-	31	**3.1**	*0.56*	-	- *
Uganda, Kyadondo County	3	**0.5**	*0.28*	-	-	4	**0.4**	*0.24*	-	- *
Zimbabwe, Harare: African	9	**0.7**	*0.25*	-	-	9	**0.7**	*0.26*	-	- *
America, Central and South										
Argentina, Bahia Blanca	24	**2.9**	*0.60*	0.38	*0.09*	33	**2.7**	*0.52*	0.32	*0.07*
Brazil, Brasilia	53	**3.0**	*0.43*	0.33	*0.06*	107	**4.6**	*0.47*	0.60	*0.08*
Brazil, Cuiaba	7	**1.1**	*0.43*	0.12	*0.07*	13	**2.0**	*0.59*	0.24	*0.09*
Brazil, Goiania	41	**3.1**	*0.49*	0.44	*0.08*	60	**3.5**	*0.46*	0.40	*0.07*
Brazil, Sao Paulo	488	**2.4**	*0.11*	0.28	*0.02*	839	**2.9**	*0.10*	0.32	*0.01*
Chile, Valdivia	110	**12.3**	*1.20*	1.45	*0.18*	274	**27.3**	*1.69*	3.23	*0.24*
Colombia, Cali	87	**2.5**	*0.28*	0.27	*0.04*	234	**5.3**	*0.36*	0.67	*0.06*
Costa Rica	152	**2.0**	*0.17*	0.21	*0.02*	258	**3.2**	*0.20*	0.37	*0.03*
Ecuador, Quito	126	**4.5**	*0.42*	0.51	*0.06*	245	**7.4**	*0.50*	0.85	*0.07*
France, La Martinique	13	**1.1**	*0.32*	0.14	*0.05*	33	**2.2**	*0.41*	0.25	*0.05*
Peru, Trujillo	26	**3.0**	*0.60*	0.37	*0.09*	78	**7.5**	*0.87*	0.96	*0.14**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	1402	**1.6**	*0.05*	0.19	*0.01*	1872	**1.7**	*0.04*	0.20	*0.01*
Canada, Alberta	152	**1.6**	*0.13*	0.17	*0.02*	219	**1.9**	*0.14*	0.21	*0.02*
Canada, British Columbia	258	**1.6**	*0.11*	0.19	*0.02*	294	**1.4**	*0.09*	0.16	*0.01*
Canada, Manitoba	82	**1.9**	*0.22*	0.24	*0.03*	111	**1.9**	*0.21*	0.22	*0.03*
Canada, New Brunswick	31	**1.0**	*0.19*	0.11	*0.03*	52	**1.1**	*0.17*	0.12	*0.03*
Canada, Newfoundland and Labrador	23	**1.2**	*0.26*	0.16	*0.04*	30	**1.4**	*0.26*	0.20	*0.04*
Canada, Northwest Territories	1	**1.4**	*1.41*	-	-	4	**5.0**	*2.64*	0.61	*0.48*
Canada, Nova Scotia	42	**1.0**	*0.17*	0.10	*0.02*	87	**1.8**	*0.22*	0.23	*0.03*
Canada, Ontario	740	**1.7**	*0.07*	0.20	*0.01*	957	**1.7**	*0.06*	0.20	*0.01*
Canada, Prince Edward Island	4	**0.6**	*0.30*	0.05	*0.05*	15	**2.3**	*0.66*	0.31	*0.11*
Canada, Saskatchewan	69	**1.6**	*0.21*	0.19	*0.03*	103	**1.6**	*0.19*	0.16	*0.03*
USA, Alabama	183	**1.1**	*0.09*	0.13	*0.01*	250	**1.1**	*0.08*	0.13	*0.01*
USA, Alabama: Black	28	**1.0**	*0.19*	0.11	*0.03*	63	**1.4**	*0.19*	0.16	*0.03*
USA, Alabama: White	152	**1.2**	*0.10*	0.13	*0.01*	185	**1.0**	*0.08*	0.11	*0.01*
USA, Alaska	23	**1.5**	*0.34*	0.18	*0.05*	33	**2.3**	*0.42*	0.30	*0.07*
USA, Arizona	284	**1.4**	*0.09*	0.16	*0.01*	338	**1.5**	*0.09*	0.17	*0.01*
USA, California	1663	**1.5**	*0.04*	0.18	*0.01*	2347	**1.7**	*0.04*	0.21	*0.01*
USA, California: Asian and Pacific Islander	236	**2.0**	*0.13*	0.23	*0.02*	318	**2.1**	*0.12*	0.23	*0.02*
USA, California: Black	81	**1.4**	*0.16*	0.15	*0.02*	115	**1.4**	*0.14*	0.16	*0.02*
USA, California: Hispanic White	351	**2.2**	*0.12*	0.25	*0.02*	672	**3.5**	*0.14*	0.43	*0.02*
USA, California: Non-Hispanic White	985	**1.3**	*0.05*	0.15	*0.01*	1230	**1.3**	*0.04*	0.15	*0.01*
USA, California, Greater San Francisco Bay Area	292	**1.4**	*0.08*	0.15	*0.01*	438	**1.6**	*0.09*	0.19	*0.01*
USA, California, Greater San Francisco Bay Area: Black	19	**1.4**	*0.33*	0.14	*0.04*	24	**1.3**	*0.28*	0.14	*0.04*
USA, California, Greater San Francisco Bay Area: Chinese	34	**1.8**	*0.33*	0.20	*0.05*	36	**1.6**	*0.30*	0.17	*0.04*
USA, California, Greater San Francisco Bay Area: Filipino	7	**0.8**	*0.30*	0.09	*0.04*	15	**1.2**	*0.32*	0.10	*0.04*
USA, California, Greater San Francisco Bay Area: Japanese	5	**1.4**	*0.65*	0.18	*0.11*	7	**1.3**	*0.55*	0.18	*0.08*
USA, California, Greater San Francisco Bay Area: Hispanic White	45	**2.2**	*0.33*	0.20	*0.04*	87	**3.3**	*0.36*	0.41	*0.06*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	156	**1.1**	*0.10*	0.14	*0.02*	236	**1.3**	*0.10*	0.16	*0.02*
USA, California, Los Angeles County	506	**1.9**	*0.09*	0.22	*0.01*	780	**2.2**	*0.09*	0.27	*0.01*
USA, California, Los Angeles County: Black	36	**1.4**	*0.24*	0.15	*0.03*	62	**1.6**	*0.21*	0.18	*0.03*
USA, California, Los Angeles County: Chinese	19	**1.6**	*0.38*	0.23	*0.07*	30	**2.2**	*0.43*	0.24	*0.06*
USA, California, Los Angeles County: Filipino	19	**2.3**	*0.55*	0.26	*0.08*	24	**2.0**	*0.42*	0.20	*0.06*
USA, California, Los Angeles County: Japanese	17	**2.6**	*0.71*	0.25	*0.09*	17	**1.4**	*0.39*	0.07	*0.04*
USA, California, Los Angeles County: Korean	32	**5.9**	*1.06*	0.74	*0.17*	30	**3.6**	*0.68*	0.43	*0.11*
USA, California, Los Angeles County: Hispanic White	148	**2.4**	*0.20*	0.28	*0.03*	300	**3.9**	*0.23*	0.47	*0.03*
USA, California, Los Angeles County: Non-Hispanic White	218	**1.5**	*0.11*	0.17	*0.02*	295	**1.5**	*0.10*	0.19	*0.02*
USA, Colorado	168	**1.3**	*0.11*	0.16	*0.02*	228	**1.3**	*0.09*	0.14	*0.01*
USA, Connecticut	226	**1.6**	*0.12*	0.18	*0.02*	291	**1.6**	*0.11*	0.19	*0.02*
USA, Connecticut: Black	16	**2.5**	*0.64*	0.42	*0.12*	18	**1.8**	*0.43*	0.16	*0.05*
USA, Connecticut: White	207	**1.6**	*0.12*	0.17	*0.02*	269	**1.5**	*0.11*	0.19	*0.02*
USA, District of Columbia	15	**0.9**	*0.24*	0.13	*0.04*	33	**1.2**	*0.24*	0.14	*0.03*
USA, District of Columbia: Black	10	**1.1**	*0.34*	0.16	*0.05*	25	**1.4**	*0.31*	0.14	*0.04*
USA, District of Columbia: White	5	**0.8**	*0.37*	0.09	*0.06*	7	**0.9**	*0.36*	0.14	*0.07*
USA, Florida	1197	**1.5**	*0.05*	0.18	*0.01*	1386	**1.4**	*0.05*	0.17	*0.01*
USA, Florida: Black	91	**1.7**	*0.18*	0.19	*0.03*	140	**1.9**	*0.17*	0.21	*0.02*
USA, Florida: White	1090	**1.5**	*0.05*	0.18	*0.01*	1224	**1.4**	*0.05*	0.16	*0.01*
USA, Georgia	268	**1.2**	*0.07*	0.13	*0.01*	403	**1.2**	*0.06*	0.13	*0.01*
USA, Georgia: Black	41	**0.9**	*0.15*	0.10	*0.02*	81	**1.1**	*0.13*	0.11	*0.02*
USA, Georgia: White	216	**1.2**	*0.08*	0.13	*0.01*	307	**1.2**	*0.07*	0.13	*0.01*
USA, Georgia, Atlanta	80	**1.1**	*0.13*	0.11	*0.02*	118	**1.2**	*0.12*	0.14	*0.02*
USA, Georgia, Atlanta: Black	11	**0.7**	*0.21*	0.05	*0.03*	25	**0.9**	*0.20*	0.11	*0.04*
USA, Georgia, Atlanta: White	59	**1.2**	*0.16*	0.11	*0.02*	79	**1.1**	*0.14*	0.13	*0.02*
USA, Idaho	66	**1.4**	*0.18*	0.15	*0.03*	73	**1.4**	*0.18*	0.19	*0.03*
USA, Illinois	669	**1.5**	*0.06*	0.18	*0.01*	1053	**1.8**	*0.06*	0.21	*0.01*
USA, Illinois: Black	60	**1.5**	*0.19*	0.19	*0.03*	107	**1.7**	*0.17*	0.20	*0.02*
USA, Illinois: White	586	**1.5**	*0.07*	0.18	*0.01*	907	**1.8**	*0.07*	0.21	*0.01*
USA, Indiana	318	**1.5**	*0.09*	0.17	*0.01*	427	**1.5**	*0.08*	0.18	*0.01*
USA, Iowa	186	**1.6**	*0.12*	0.17	*0.02*	279	**1.6**	*0.12*	0.19	*0.02*
USA, Kentucky	220	**1.5**	*0.11*	0.18	*0.02*	304	**1.5**	*0.09*	0.16	*0.01*
USA, Louisiana	194	**1.3**	*0.10*	0.14	*0.01*	313	**1.5**	*0.10*	0.17	*0.01*
USA, Louisiana: Black	39	**1.1**	*0.18*	0.10	*0.02*	96	**1.9**	*0.20*	0.19	*0.03*
USA, Louisiana: White	152	**1.4**	*0.12*	0.15	*0.02*	209	**1.4**	*0.11*	0.16	*0.02*
USA, Louisiana, New Orleans: Black	5	**0.5**	*0.22*	0.04	*0.03*	32	**2.2**	*0.40*	0.23	*0.06*
USA, Louisiana, New Orleans: White	33	**1.5**	*0.27*	0.15	*0.04*	33	**1.1**	*0.23*	0.14	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Gallbladder etc. (C23-24) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	72	**1.4**	*0.17*	0.16	*0.03*	107	**1.6**	*0.17*	0.20	*0.03*
USA, Massachusetts	351	**1.4**	*0.08*	0.16	*0.01*	513	**1.4**	*0.07*	0.15	*0.01*
USA, Michigan	537	**1.5**	*0.07*	0.17	*0.01*	733	**1.6**	*0.07*	0.18	*0.01*
USA, Michigan: Black	62	**1.8**	*0.24*	0.22	*0.04*	96	**2.0**	*0.22*	0.25	*0.03*
USA, Michigan: White	463	**1.4**	*0.07*	0.17	*0.01*	627	**1.5**	*0.07*	0.17	*0.01*
USA, Michigan, Detroit	251	**1.8**	*0.12*	0.21	*0.02*	338	**1.8**	*0.11*	0.20	*0.02*
USA, Michigan, Detroit: Black	46	**1.8**	*0.27*	0.23	*0.04*	75	**2.0**	*0.25*	0.26	*0.04*
USA, Michigan, Detroit: White	199	**1.8**	*0.13*	0.21	*0.02*	259	**1.7**	*0.12*	0.18	*0.02*
USA, Missouri	278	**1.3**	*0.08*	0.14	*0.01*	484	**1.7**	*0.09*	0.20	*0.01*
USA, Missouri: Black	16	**1.0**	*0.25*	0.09	*0.03*	49	**2.2**	*0.34*	0.29	*0.05*
USA, Missouri: White	261	**1.3**	*0.09*	0.15	*0.01*	430	**1.7**	*0.09*	0.19	*0.01*
USA, Montana	56	**1.5**	*0.21*	0.17	*0.03*	70	**1.4**	*0.20*	0.18	*0.03*
USA, NPCR	11835	**1.5**	*0.01*	0.17	*0.00*	16980	**1.6**	*0.01*	0.18	*0.00*
USA, NPCR: Black	863	**1.4**	*0.05*	0.16	*0.01*	1597	**1.7**	*0.05*	0.20	*0.01*
USA, NPCR: White	10369	**1.5**	*0.02*	0.17	*0.00*	14558	**1.5**	*0.01*	0.18	*0.00*
USA, New Jersey	514	**1.6**	*0.07*	0.18	*0.01*	774	**1.7**	*0.07*	0.21	*0.01*
USA, New Jersey: Black	44	**1.6**	*0.25*	0.18	*0.03*	83	**2.0**	*0.23*	0.25	*0.04*
USA, New Jersey: White	441	**1.5**	*0.08*	0.18	*0.01*	659	**1.6**	*0.07*	0.19	*0.01*
USA, New Mexico	110	**1.7**	*0.17*	0.21	*0.03*	157	**2.0**	*0.18*	0.25	*0.03*
USA, New Mexico: American Indian	13	**3.8**	*1.09*	0.37	*0.14*	34	**7.1**	*1.28*	0.85	*0.21*
USA, New Mexico: Hispanic White	41	**2.1**	*0.34*	0.24	*0.05*	64	**3.0**	*0.39*	0.40	*0.06*
USA, New Mexico: Non-Hispanic White	54	**1.4**	*0.20*	0.19	*0.03*	58	**1.1**	*0.16*	0.12	*0.02*
USA, New York State	1163	**1.7**	*0.05*	0.19	*0.01*	1879	**1.9**	*0.05*	0.22	*0.01*
USA, New York State: Black	100	**1.5**	*0.15*	0.17	*0.02*	228	**2.0**	*0.14*	0.24	*0.02*
USA, New York State: White	993	**1.7**	*0.06*	0.19	*0.01*	1568	**1.9**	*0.06*	0.22	*0.01*
USA, Ohio	576	**1.4**	*0.06*	0.17	*0.01*	833	**1.4**	*0.05*	0.15	*0.01*
USA, Ohio: Black	39	**1.1**	*0.18*	0.12	*0.03*	81	**1.5**	*0.19*	0.16	*0.03*
USA, Ohio: White	525	**1.4**	*0.06*	0.17	*0.01*	739	**1.3**	*0.06*	0.15	*0.01*
USA, Oklahoma	156	**1.2**	*0.10*	0.15	*0.02*	229	**1.4**	*0.10*	0.16	*0.01*
USA, Oregon	158	**1.2**	*0.10*	0.13	*0.01*	231	**1.3**	*0.10*	0.15	*0.01*
USA, Pennsylvania	876	**1.7**	*0.06*	0.19	*0.01*	1236	**1.7**	*0.06*	0.19	*0.01*
USA, Pennsylvania: Black	49	**1.5**	*0.22*	0.19	*0.03*	92	**1.9**	*0.21*	0.21	*0.03*
USA, Pennsylvania: White	804	**1.6**	*0.06*	0.19	*0.01*	1120	**1.6**	*0.06*	0.19	*0.01*
USA, Rhode Island	63	**1.4**	*0.20*	0.16	*0.03*	117	**2.1**	*0.23*	0.24	*0.03*
USA, SEER (9 Registries)	1417	**1.5**	*0.04*	0.17	*0.01*	1909	**1.6**	*0.04*	0.18	*0.01*
USA, SEER (9 Registries): Black	101	**1.5**	*0.16*	0.20	*0.03*	149	**1.5**	*0.13*	0.18	*0.02*
USA, SEER (9 Registries): White	1122	**1.5**	*0.05*	0.16	*0.01*	1540	**1.5**	*0.04*	0.18	*0.01*
USA, SEER (14 Registries)	3811	**1.5**	*0.03*	0.17	*0.00*	5370	**1.6**	*0.03*	0.19	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	389	**2.1**	*0.11*	0.24	*0.02*	465	**2.0**	*0.10*	0.22	*0.01*
USA, SEER (14 Registries): Black	267	**1.5**	*0.09*	0.17	*0.01*	452	**1.7**	*0.08*	0.20	*0.01*
USA, SEER (14 Registries): Hispanic White	467	**2.2**	*0.11*	0.25	*0.02*	864	**3.4**	*0.12*	0.41	*0.02*
USA, SEER (14 Registries): Non-Hispanic White	2649	**1.4**	*0.03*	0.16	*0.00*	3513	**1.4**	*0.03*	0.16	*0.00*
USA, South Carolina	185	**1.3**	*0.10*	0.15	*0.01*	233	**1.2**	*0.09*	0.14	*0.01*
USA, South Carolina: Black	40	**1.3**	*0.22*	0.14	*0.03*	63	**1.5**	*0.20*	0.20	*0.03*
USA, South Carolina: White	144	**1.3**	*0.12*	0.15	*0.02*	166	**1.1**	*0.10*	0.12	*0.01*
USA, Texas	855	**1.4**	*0.05*	0.16	*0.01*	1286	**1.6**	*0.05*	0.19	*0.01*
USA, Texas: Black	81	**1.6**	*0.18*	0.19	*0.03*	132	**1.7**	*0.16*	0.18	*0.02*
USA, Texas: White	740	**1.4**	*0.05*	0.15	*0.01*	1117	**1.6**	*0.05*	0.19	*0.01*
USA, Utah	76	**1.3**	*0.15*	0.15	*0.02*	88	**1.2**	*0.14*	0.14	*0.02*
USA, Vermont	33	**1.4**	*0.26*	0.17	*0.04*	37	**1.1**	*0.20*	0.11	*0.03*
USA, Washington State	266	**1.3**	*0.08*	0.15	*0.01*	374	**1.4**	*0.08*	0.17	*0.01*
USA, Washington, Seattle	173	**1.2**	*0.10*	0.14	*0.02*	250	**1.4**	*0.10*	0.17	*0.02*
USA, West Virginia	93	**1.3**	*0.14*	0.15	*0.02*	121	**1.1**	*0.11*	0.12	*0.02*
USA, Wisconsin	300	**1.5**	*0.09*	0.17	*0.01*	496	**1.8**	*0.09*	0.20	*0.01*
Asia										
Bahrain: Bahraini	4	**0.8**	*0.40*	0.09	*0.05*	5	**0.9**	*0.40*	0.10	*0.05*
China, Guangzhou City	147	**2.8**	*0.24*	0.30	*0.03*	165	**2.6**	*0.20*	0.30	*0.03**
China, Hong Kong	681	**2.9**	*0.12*	0.32	*0.02*	783	**2.8**	*0.11*	0.29	*0.02*
China, Jiashan	28	**2.2**	*0.45*	0.29	*0.06*	50	**3.4**	*0.50*	0.46	*0.08**
China, Nangang District, Harbin City	51	**2.1**	*0.30*	0.26	*0.04*	50	**2.0**	*0.29*	0.22	*0.04*
China, Shanghai	858	**3.5**	*0.13*	0.37	*0.02*	1538	**5.1**	*0.14*	0.60	*0.02**
China, Zhongshan	140	**4.4**	*0.39*	0.54	*0.06*	90	**2.4**	*0.26*	0.24	*0.03**
Cyprus	46	**1.7**	*0.27*	0.20	*0.04*	69	**2.3**	*0.30*	0.29	*0.05**
India, Chennai (Madras)	88	**1.0**	*0.10*	0.12	*0.01*	72	**0.8**	*0.10*	0.10	*0.01*
India, New Delhi	764	**3.9**	*0.15*	0.49	*0.02*	1476	**8.6**	*0.23*	1.05	*0.03**
India, Karunagappally	3	**0.3**	*0.20*	0.03	*0.02*	8	**0.9**	*0.31*	0.13	*0.05*
India, Mumbai (Bombay)	333	**1.6**	*0.09*	0.19	*0.01*	457	**2.3**	*0.11*	0.27	*0.02*
India, Nagpur	31	**0.8**	*0.14*	0.10	*0.02*	29	**0.8**	*0.14*	0.08	*0.02**
India, Poona	56	**0.9**	*0.13*	0.11	*0.02*	71	**1.2**	*0.14*	0.14	*0.02**
India, Trivandrum	16	**0.6**	*0.14*	0.07	*0.02*	12	**0.4**	*0.12*	0.06	*0.02**
Israel	255	**1.5**	*0.10*	0.17	*0.01*	455	**2.0**	*0.10*	0.24	*0.02*
Israel: Jews	215	**1.3**	*0.10*	0.16	*0.01*	401	**1.8**	*0.10*	0.22	*0.02*
Israel: Non-Jews	27	**2.0**	*0.39*	0.29	*0.07*	40	**2.8**	*0.44*	0.38	*0.07*
Japan, Aichi Prefecture	236	**5.9**	*0.39*	0.66	*0.06*	259	**5.0**	*0.33*	0.51	*0.05*
Japan, Fukui Prefecture	381	**8.0**	*0.44*	0.80	*0.06*	484	**6.5**	*0.35*	0.67	*0.05*
Japan, Hiroshima	263	**6.1**	*0.38*	0.69	*0.06*	296	**4.5**	*0.29*	0.43	*0.04*
Japan, Miyagi Prefecture	817	**6.9**	*0.25*	0.71	*0.04*	911	**5.2**	*0.19*	0.53	*0.03*
Japan, Nagasaki Prefecture	570	**7.0**	*0.31*	0.76	*0.04*	834	**6.4**	*0.26*	0.67	*0.04*
Japan, Osaka Prefecture	2172	**5.7**	*0.12*	0.59	*0.02*	2632	**4.7**	*0.10*	0.47	*0.01*
Japan, Yamagata Prefecture	638	**8.4**	*0.36*	0.90	*0.05*	749	**6.0**	*0.26*	0.60	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Gallbladder etc. (C23-24) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	6557	**8.1**	*0.10*	0.98	*0.02*	6518	**5.6**	*0.07*	0.67	*0.01*
Korea, Busan	682	**9.3**	*0.40*	1.14	*0.06*	782	**7.4**	*0.27*	0.94	*0.04*
Korea, Daegu	477	**10.4**	*0.50*	1.23	*0.07*	504	**7.5**	*0.34*	0.93	*0.05*
Korea, Daejeon	163	**7.0**	*0.58*	0.80	*0.08*	159	**4.8**	*0.39*	0.63	*0.06*
Korea, Gwangju	233	**10.0**	*0.69*	1.17	*0.10*	210	**5.8**	*0.41*	0.64	*0.06*
Korea, Incheon	308	**7.1**	*0.43*	0.89	*0.07*	312	**5.0**	*0.29*	0.58	*0.04*
Korea, Jejudo	58	**8.5**	*1.16*	0.86	*0.15*	101	**8.0**	*0.84*	0.76	*0.11*
Korea, Seoul	1468	**8.0**	*0.23*	0.89	*0.03*	1609	**6.3**	*0.16*	0.73	*0.02*
Korea, Ulsan	111	**10.1**	*1.03*	1.38	*0.17*	120	**7.0**	*0.67*	0.84	*0.10*
Kuwait: Kuwaitis	16	**1.8**	*0.46*	0.17	*0.06*	19	**1.7**	*0.42*	0.24	*0.07*
Kuwait: Non-Kuwaitis	16	**1.2**	*0.51*	0.17	*0.08*	10	**2.5**	*0.81*	0.25	*0.12*
Malaysia, Penang	18	**1.0**	*0.24*	0.05	*0.02*	29	**1.3**	*0.25*	0.16	*0.04*
Malaysia, Sarawak	21	**0.6**	*0.14*	0.09	*0.02*	32	**0.9**	*0.15*	0.08	*0.02*
Oman: Omani	12	**0.8**	*0.22*	0.10	*0.03*	17	**1.1**	*0.28*	0.15	*0.04**
Pakistan, South Karachi	32	**1.3**	*0.24*	0.16	*0.04*	94	**4.9**	*0.53*	0.57	*0.07**
Philippines, Manila	74	**1.2**	*0.15*	0.14	*0.02*	101	**1.3**	*0.13*	0.15	*0.02**
Singapore	162	**2.0**	*0.16*	0.24	*0.02*	225	**2.4**	*0.16*	0.26	*0.02*
Singapore: Chinese	129	**2.1**	*0.19*	0.24	*0.03*	191	**2.4**	*0.18*	0.25	*0.03*
Singapore: Indian	17	**2.3**	*0.59*	0.29	*0.08*	10	**2.3**	*0.75*	0.30	*0.11*
Singapore: Malay	16	**1.4**	*0.36*	0.15	*0.05*	24	**2.5**	*0.53*	0.33	*0.08*
Thailand, Chiang Mai	68	**1.7**	*0.22*	0.23	*0.03*	101	**2.4**	*0.25*	0.30	*0.04**
Thailand, Lampang	62	**2.9**	*0.37*	0.35	*0.05*	92	**3.7**	*0.39*	0.50	*0.06**
Thailand, Songkhla	20	**0.8**	*0.17*	0.08	*0.02*	38	**1.2**	*0.20*	0.14	*0.03*
Turkey, Antalya	39	**1.4**	*0.23*	0.16	*0.03*	50	**1.8**	*0.25*	0.20	*0.04**
Turkey, Izmir	120	**1.5**	*0.14*	0.21	*0.02*	167	**2.0**	*0.16*	0.23	*0.02**
Europe										
Austria	698	**2.1**	*0.08*	0.23	*0.01*	1433	**2.6**	*0.08*	0.30	*0.01*
Austria, Tyrol	52	**2.0**	*0.28*	0.18	*0.04*	88	**2.3**	*0.28*	0.25	*0.04*
Austria, Vorarlberg	22	**1.9**	*0.41*	0.27	*0.07*	50	**2.7**	*0.43*	0.28	*0.06*
Belarus	340	**1.2**	*0.06*	0.14	*0.01*	623	**1.2**	*0.05*	0.16	*0.01**
Belgium, Antwerp	43	**0.6**	*0.09*	0.06	*0.01*	81	**0.8**	*0.10*	0.10	*0.01**
Belgium, Flanders	216	**1.0**	*0.07*	0.11	*0.01*	314	**1.1**	*0.07*	0.13	*0.01*
Bulgaria	459	**1.3**	*0.06*	0.15	*0.01*	837	**1.9**	*0.07*	0.23	*0.01**
Croatia	471	**2.8**	*0.13*	0.31	*0.02*	933	**3.5**	*0.12*	0.39	*0.02*
Czech Republic	1652	**4.4**	*0.11*	0.51	*0.02*	3436	**6.0**	*0.11*	0.67	*0.02*
Denmark	338	**1.4**	*0.08*	0.16	*0.01*	486	**1.5**	*0.08*	0.18	*0.01*
Estonia	72	**1.6**	*0.19*	0.20	*0.03*	150	**1.8**	*0.16*	0.22	*0.02*
Finland	435	**2.1**	*0.10*	0.21	*0.01*	887	**2.5**	*0.10*	0.27	*0.01*
France, Bas-Rhin	65	**1.8**	*0.23*	0.21	*0.03*	87	**1.4**	*0.17*	0.17	*0.03*
France, Calvados	55	**2.0**	*0.28*	0.20	*0.04*	75	**1.6**	*0.22*	0.14	*0.03*
France, Doubs	31	**1.5**	*0.28*	0.17	*0.04*	43	**1.5**	*0.26*	0.17	*0.04*
France, Haut-Rhin	49	**1.9**	*0.27*	0.24	*0.04*	85	**2.3**	*0.27*	0.28	*0.04*
France, Herault	66	**1.5**	*0.20*	0.13	*0.02*	81	**1.2**	*0.16*	0.15	*0.03*
France, Isere	96	**2.2**	*0.24*	0.27	*0.04*	109	**1.8**	*0.19*	0.19	*0.03*
France, Loire-Atlantique	51	**1.2**	*0.17*	0.13	*0.02*	69	**1.0**	*0.13*	0.10	*0.02*
France, Manche	16	**0.7**	*0.18*	0.10	*0.03*	51	**1.6**	*0.27*	0.16	*0.03*
France, Somme	20	**0.8**	*0.18*	0.07	*0.02*	41	**1.1**	*0.20*	0.12	*0.03*
France, Tarn	35	**1.7**	*0.31*	0.20	*0.05*	39	**1.4**	*0.28*	0.16	*0.04*
France, Vendee	16	**0.6**	*0.15*	0.06	*0.02*	29	**0.7**	*0.15*	0.08	*0.02*
Germany, Brandenburg	271	**2.6**	*0.16*	0.30	*0.02*	726	**4.4**	*0.18*	0.49	*0.03*
Germany, Free State of Saxony	644	**3.2**	*0.13*	0.37	*0.02*	1699	**4.8**	*0.13*	0.55	*0.02*
Germany, Hamburg	104	**1.4**	*0.14*	0.16	*0.02*	187	**1.4**	*0.12*	0.16	*0.02*
Germany, Mecklenburg-Western Pomerania	239	**3.7**	*0.24*	0.40	*0.03*	559	**4.9**	*0.22*	0.54	*0.03*
Germany, Munich	229	**2.3**	*0.15*	0.24	*0.02*	338	**2.1**	*0.13*	0.22	*0.02*
Germany, Northrhine-Westphalia: Munster	265	**2.4**	*0.15*	0.27	*0.02*	554	**3.0**	*0.15*	0.34	*0.02*
Germany, Saarland	127	**2.5**	*0.23*	0.30	*0.03*	258	**3.1**	*0.22*	0.34	*0.03*
Iceland	15	**1.6**	*0.45*	0.21	*0.07*	18	**1.4**	*0.38*	0.16	*0.06*
Ireland	256	**2.0**	*0.13*	0.22	*0.02*	360	**2.2**	*0.13*	0.25	*0.02*
Italy, Biella Province	25	**2.2**	*0.47*	0.20	*0.06*	66	**3.5**	*0.49*	0.41	*0.08*
Italy, Brescia Province	73	**2.9**	*0.34*	0.35	*0.05*	131	**3.3**	*0.32*	0.39	*0.05*
Italy, Ferrara Province	90	**4.1**	*0.47*	0.44	*0.06*	111	**3.4**	*0.40*	0.35	*0.05*
Italy, Florence and Prato	191	**2.8**	*0.22*	0.32	*0.03*	256	**2.7**	*0.20*	0.30	*0.03*
Italy, Genoa Province	111	**3.2**	*0.33*	0.34	*0.05*	175	**3.3**	*0.31*	0.42	*0.05*
Italy, Macerata Province	23	**2.2**	*0.49*	0.23	*0.07*	37	**2.7**	*0.55*	0.31	*0.07*
Italy, Milan	172	**3.1**	*0.25*	0.36	*0.04*	268	**2.8**	*0.20*	0.31	*0.03*
Italy, Modena Province	74	**1.8**	*0.23*	0.16	*0.03*	97	**1.9**	*0.24*	0.23	*0.03*
Italy, Naples	56	**3.5**	*0.48*	0.49	*0.08*	107	**5.3**	*0.53*	0.64	*0.08*
Italy, North East Cancer Surveillance Network	341	**3.2**	*0.18*	0.36	*0.03*	578	**3.3**	*0.16*	0.36	*0.02*
Italy, Parma Province	67	**2.5**	*0.33*	0.24	*0.05*	107	**2.9**	*0.35*	0.28	*0.05*
Italy, Ragusa Province	58	**3.7**	*0.52*	0.44	*0.08*	60	**3.3**	*0.48*	0.35	*0.07*
Italy, Reggio Emilia Province	39	**1.4**	*0.24*	0.19	*0.04*	91	**2.8**	*0.35*	0.34	*0.05*
Italy, Romagna Region	163	**2.6**	*0.22*	0.27	*0.03*	212	**2.4**	*0.20*	0.25	*0.03*
Italy, Salerno Province	134	**3.8**	*0.34*	0.42	*0.05*	236	**5.0**	*0.36*	0.61	*0.05*
Italy, Sassari Province	83	**3.9**	*0.45*	0.46	*0.07*	109	**3.7**	*0.39*	0.41	*0.06*
Italy, Syracuse Province	47	**3.3**	*0.51*	0.42	*0.08*	71	**4.0**	*0.51*	0.49	*0.08*
Italy, Sondrio	23	**3.0**	*0.64*	0.38	*0.10*	28	**2.3**	*0.50*	0.24	*0.07*
Italy, Torino	200	**3.9**	*0.29*	0.44	*0.04*	291	**3.6**	*0.25*	0.38	*0.03*
Italy, Umbria Region	140	**2.7**	*0.25*	0.34	*0.04*	214	**3.0**	*0.25*	0.33	*0.04*
Italy, Varese Province	91	**4.1**	*0.44*	0.49	*0.07*	110	**3.1**	*0.34*	0.34	*0.05*
Italy, Veneto Region	243	**3.0**	*0.20*	0.34	*0.03*	361	**3.0**	*0.18*	0.36	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Gallbladder etc. (C23-24) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	109	**1.4**	*0.13*	0.18	*0.02*	182	**1.2**	*0.10*	0.14	*0.01*
Lithuania	183	**1.6**	*0.12*	0.19	*0.02*	460	**2.3**	*0.12*	0.29	*0.02*
Malta	19	**1.3**	*0.31*	0.14	*0.04*	30	**1.7**	*0.33*	0.20	*0.05*
Norway	285	**1.5**	*0.09*	0.17	*0.01*	385	**1.5**	*0.09*	0.17	*0.01*
Poland, Cracow	83	**3.4**	*0.37*	0.36	*0.05*	190	**4.5**	*0.35*	0.51	*0.05**
Poland, Kielce	109	**2.3**	*0.23*	0.25	*0.03*	345	**5.2**	*0.31*	0.61	*0.04*
Poland, Warsaw City	182	**2.8**	*0.22*	0.35	*0.03*	388	**3.7**	*0.20*	0.42	*0.03*
Portugal, Porto	154	**1.4**	*0.12*	0.17	*0.02*	176	**1.1**	*0.09*	0.13	*0.01**
Portugal, South Regional	300	**2.4**	*0.14*	0.26	*0.02*	330	**1.8**	*0.11*	0.21	*0.02*
Russia, St Petersburg	252	**1.8**	*0.11*	0.22	*0.02*	651	**2.1**	*0.09*	0.23	*0.01*
Serbia	247	**1.3**	*0.08*	0.16	*0.01*	444	**1.9**	*0.10*	0.24	*0.01*
Slovak Republic	587	**3.6**	*0.15*	0.42	*0.02*	1455	**5.9**	*0.17*	0.70	*0.02*
Slovenia	245	**3.5**	*0.22*	0.40	*0.03*	414	**3.5**	*0.19*	0.38	*0.03*
Spain, Albacete	18	**1.2**	*0.30*	0.16	*0.05*	49	**3.0**	*0.51*	0.32	*0.07*
Spain, Asturias	57	**1.1**	*0.15*	0.13	*0.02*	101	**1.2**	*0.14*	0.12	*0.02*
Spain, Basque Country	180	**2.3**	*0.18*	0.26	*0.03*	317	**2.8**	*0.18*	0.29	*0.03*
Spain, Canary Islands	95	**2.0**	*0.21*	0.22	*0.03*	179	**2.9**	*0.23*	0.34	*0.03*
Spain, Cuenca	28	**1.7**	*0.37*	0.18	*0.05*	37	**1.8**	*0.39*	0.21	*0.06*
Spain, Girona	73	**2.8**	*0.38*	0.32	*0.05*	91	**2.3**	*0.28*	0.25	*0.04*
Spain, Granada	83	**2.3**	*0.26*	0.25	*0.04*	201	**4.3**	*0.34*	0.52	*0.05*
Spain, Murcia	83	**1.9**	*0.22*	0.21	*0.03*	151	**2.5**	*0.22*	0.26	*0.03*
Spain, Navarra	89	**3.1**	*0.36*	0.35	*0.05*	131	**3.0**	*0.32*	0.29	*0.05*
Spain, Tarragona	45	**1.9**	*0.31*	0.25	*0.05*	83	**2.7**	*0.34*	0.29	*0.05*
Spain, Zaragoza	54	**1.2**	*0.18*	0.14	*0.03*	115	**1.8**	*0.20*	0.21	*0.03*
Sweden	771	**1.8**	*0.07*	0.22	*0.01*	1337	**2.5**	*0.08*	0.31	*0.01*
Switzerland, Geneva	32	**2.0**	*0.36*	0.21	*0.05*	41	**1.8**	*0.31*	0.23	*0.05*
Switzerland, Graubunden and Glarus	10	**1.1**	*0.35*	0.14	*0.06*	31	**2.6**	*0.54*	0.29	*0.07*
Switzerland, Neuchatel	15	**2.4**	*0.64*	0.27	*0.08*	18	**1.7**	*0.50*	0.16	*0.06*
Switzerland, St Gall-Appenzell	33	**1.6**	*0.30*	0.20	*0.04*	76	**2.3**	*0.30*	0.26	*0.05*
Switzerland, Ticino	33	**2.4**	*0.44*	0.31	*0.07*	40	**2.1**	*0.38*	0.24	*0.05*
Switzerland, Valais	16	**1.5**	*0.37*	0.20	*0.06*	29	**1.8**	*0.38*	0.18	*0.05*
Switzerland, Vaud	42	**1.6**	*0.26*	0.18	*0.04*	82	**2.2**	*0.28*	0.29	*0.04*
The Netherlands	1152	**1.9**	*0.06*	0.22	*0.01*	1617	**1.9**	*0.05*	0.23	*0.01*
The Netherlands, Eindhoven	70	**1.9**	*0.23*	0.21	*0.03*	109	**2.2**	*0.22*	0.23	*0.03*
The Netherlands, Maastricht	62	**1.6**	*0.22*	0.19	*0.03*	99	**1.9**	*0.21*	0.21	*0.03*
UK, East of England Region	112	**0.8**	*0.08*	0.08	*0.01*	169	**0.9**	*0.09*	0.10	*0.01*
UK, England, Merseyside and Cheshire	105	**1.1**	*0.11*	0.13	*0.02*	158	**1.1**	*0.10*	0.11	*0.01*
UK, England, North Western	163	**0.9**	*0.08*	0.11	*0.01*	216	**0.9**	*0.07*	0.11	*0.01*
UK, England, Northern and Yorkshire	285	**1.0**	*0.06*	0.11	*0.01*	393	**1.0**	*0.06*	0.12	*0.01*
UK, England, Oxford Region	83	**0.8**	*0.09*	0.09	*0.01*	102	**0.7**	*0.08*	0.06	*0.01*
UK, England, South and Western Regions	327	**1.0**	*0.06*	0.11	*0.01*	484	**1.1**	*0.06*	0.12	*0.01*
UK, England, Thames	596	**1.0**	*0.05*	0.12	*0.01*	834	**1.1**	*0.04*	0.12	*0.01*
UK, England, Trent	224	**1.0**	*0.07*	0.11	*0.01*	350	**1.3**	*0.08*	0.15	*0.01*
UK, England, West Midlands	244	**1.0**	*0.07*	0.12	*0.01*	386	**1.3**	*0.07*	0.15	*0.01*
UK, Northern Ireland	108	**1.9**	*0.19*	0.23	*0.03*	158	**1.9**	*0.17*	0.22	*0.02*
UK, Scotland	321	**1.5**	*0.09*	0.18	*0.01*	420	**1.3**	*0.08*	0.15	*0.01*
Oceania										
Australia, New South Wales	403	**1.6**	*0.08*	0.20	*0.01*	636	**2.0**	*0.09*	0.24	*0.01*
Australia, Northern Territory	11	**2.7**	*0.90*	0.28	*0.12*	7	**2.6**	*1.01*	0.31	*0.16*
Australia, Queensland	236	**1.8**	*0.12*	0.22	*0.02*	275	**1.6**	*0.11*	0.18	*0.02*
Australia, South	120	**1.9**	*0.18*	0.21	*0.03*	185	**2.2**	*0.18*	0.26	*0.03*
Australia, Tasmania	40	**2.0**	*0.33*	0.21	*0.05*	61	**2.4**	*0.35*	0.27	*0.05*
Australia, Victoria	318	**1.8**	*0.10*	0.21	*0.02*	429	**1.9**	*0.10*	0.22	*0.02*
Australia, Western	128	**2.0**	*0.18*	0.24	*0.03*	138	**1.7**	*0.15*	0.18	*0.02*
Australian Capital Territory	11	**1.1**	*0.35*	0.08	*0.04*	18	**1.8**	*0.43*	0.21	*0.06*
French Polynesia	6	**1.5**	*0.60*	0.15	*0.07*	9	**2.2**	*0.75*	0.32	*0.12*
New Zealand	175	**1.3**	*0.10*	0.16	*0.02*	235	**1.4**	*0.10*	0.16	*0.01*
USA, Hawaii	103	**2.0**	*0.22*	0.22	*0.03*	85	**1.4**	*0.17*	0.15	*0.02*
USA, Hawaii: Chinese	7	**1.2**	*0.51*	0.12	*0.08*	8	**1.3**	*0.55*	0.14	*0.08*
USA, Hawaii: Filipino	16	**2.1**	*0.56*	0.23	*0.08*	11	**1.4**	*0.43*	0.22	*0.08*
USA, Hawaii: Hawaiian	15	**3.2**	*0.84*	0.40	*0.12*	7	**1.2**	*0.47*	0.13	*0.06*
USA, Hawaii: Japanese	43	**2.4**	*0.45*	0.25	*0.06*	35	**1.5**	*0.33*	0.17	*0.05*
USA, Hawaii: White	14	**1.0**	*0.29*	0.08	*0.04*	17	**1.0**	*0.28*	0.10	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pancreas (C25)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	9	**0.5**	*0.17*	-	-	8	**0.3**	*0.12*	-	- *
Egypt, Gharbiah	164	**4.0**	*0.33*	-	-	109	**2.3**	*0.23*	-	-
Tunisia, Centre, Sousse	22	**2.5**	*0.54*	-	-	18	**1.9**	*0.46*	-	- *
Uganda, Kyadondo County	12	**1.2**	*0.40*	-	-	6	**0.4**	*0.17*	-	- *
Zimbabwe, Harare: African	66	**4.6**	*0.63*	-	-	56	**4.8**	*0.71*	-	- *
America, Central and South										
Argentina, Bahia Blanca	90	**9.9**	*1.09*	1.23	*0.16*	89	**6.4**	*0.76*	0.75	*0.11*
Brazil, Brasilia	112	**5.7**	*0.57*	0.66	*0.08*	113	**4.8**	*0.47*	0.59	*0.07*
Brazil, Cuiaba	28	**4.2**	*0.83*	0.50	*0.12*	14	**2.1**	*0.57*	0.25	*0.09*
Brazil, Goiania	47	**3.6**	*0.54*	0.42	*0.08*	65	**3.8**	*0.48*	0.41	*0.07*
Brazil, Sao Paulo	1315	**6.6**	*0.18*	0.79	*0.03*	1449	**5.0**	*0.13*	0.57	*0.02*
Chile, Valdivia	39	**4.2**	*0.68*	0.49	*0.11*	41	**3.8**	*0.61*	0.49	*0.10*
Colombia, Cali	141	**4.2**	*0.36*	0.54	*0.06*	182	**4.0**	*0.30*	0.45	*0.05*
Costa Rica	341	**4.6**	*0.25*	0.48	*0.04*	337	**4.0**	*0.22*	0.41	*0.03*
Ecuador, Quito	81	**3.0**	*0.35*	0.38	*0.06*	102	**2.9**	*0.30*	0.33	*0.05*
France, La Martinique	56	**4.7**	*0.66*	0.51	*0.08*	49	**3.3**	*0.52*	0.39	*0.07*
Peru, Trujillo	18	**2.0**	*0.48*	0.19	*0.06*	28	**2.6**	*0.51*	0.32	*0.08**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	5651	**6.7**	*0.09*	0.79	*0.01*	5909	**5.3**	*0.08*	0.60	*0.01*
Canada, Alberta	667	**7.1**	*0.28*	0.82	*0.04*	657	**5.6**	*0.24*	0.64	*0.04*
Canada, British Columbia	1058	**6.7**	*0.22*	0.78	*0.03*	1156	**5.5**	*0.18*	0.59	*0.03*
Canada, Manitoba	302	**7.1**	*0.43*	0.90	*0.07*	332	**5.4**	*0.35*	0.63	*0.05*
Canada, New Brunswick	223	**7.7**	*0.54*	0.90	*0.08*	230	**6.2**	*0.47*	0.74	*0.07*
Canada, Newfoundland and Labrador	50	**2.8**	*0.40*	0.39	*0.06*	38	**1.8**	*0.30*	0.23	*0.05*
Canada, Northwest Territories	5	**5.8**	*2.75*	0.57	*0.34*	5	**7.2**	*3.36*	0.97	*0.59*
Canada, Nova Scotia	285	**7.9**	*0.49*	0.96	*0.07*	287	**5.7**	*0.38*	0.65	*0.06*
Canada, Ontario	2750	**6.6**	*0.13*	0.79	*0.02*	2897	**5.2**	*0.11*	0.59	*0.02*
Canada, Prince Edward Island	38	**6.7**	*1.15*	0.67	*0.16*	40	**5.0**	*0.91*	0.48	*0.13*
Canada, Saskatchewan	273	**6.5**	*0.43*	0.73	*0.06*	267	**4.8**	*0.35*	0.55	*0.05*
USA, Alabama	1178	**7.7**	*0.23*	0.94	*0.03*	1265	**5.5**	*0.17*	0.63	*0.03*
USA, Alabama: Black	283	**10.0**	*0.62*	1.19	*0.09*	325	**6.9**	*0.42*	0.84	*0.07*
USA, Alabama: White	892	**7.2**	*0.25*	0.88	*0.04*	930	**5.2**	*0.19*	0.58	*0.03*
USA, Alaska	115	**8.0**	*0.78*	1.03	*0.12*	105	**7.2**	*0.73*	0.90	*0.11*
USA, Arizona	1237	**6.7**	*0.20*	0.80	*0.03*	1190	**4.9**	*0.16*	0.57	*0.02*
USA, California	7730	**7.4**	*0.09*	0.89	*0.01*	8080	**5.7**	*0.07*	0.66	*0.01*
USA, California: Asian and Pacific Islander	627	**5.4**	*0.22*	0.63	*0.03*	650	**4.3**	*0.18*	0.51	*0.03*
USA, California: Black	552	**9.9**	*0.43*	1.27	*0.07*	646	**8.1**	*0.34*	0.97	*0.05*
USA, California: Hispanic White	1015	**6.6**	*0.21*	0.81	*0.03*	1139	**5.8**	*0.18*	0.66	*0.03*
USA, California: Non-Hispanic White	5484	**7.7**	*0.11*	0.92	*0.02*	5594	**5.7**	*0.09*	0.67	*0.01*
USA, California, Greater San Francisco Bay Area	1470	**7.0**	*0.19*	0.84	*0.03*	1647	**5.6**	*0.16*	0.64	*0.02*
USA, California, Greater San Francisco Bay Area: Black	119	**9.1**	*0.86*	1.15	*0.14*	156	**8.3**	*0.73*	0.98	*0.11*
USA, California, Greater San Francisco Bay Area: Chinese	94	**5.7**	*0.61*	0.67	*0.09*	84	**3.6**	*0.42*	0.39	*0.06*
USA, California, Greater San Francisco Bay Area: Filipino	45	**5.0**	*0.77*	0.62	*0.12*	51	**4.0**	*0.58*	0.39	*0.07*
USA, California, Greater San Francisco Bay Area: Japanese	21	**5.2**	*1.27*	0.57	*0.20*	33	**6.0**	*1.21*	0.61	*0.15*
USA, California, Greater San Francisco Bay Area: Hispanic White	129	**6.3**	*0.57*	0.85	*0.09*	150	**5.5**	*0.47*	0.64	*0.07*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	1006	**7.5**	*0.25*	0.88	*0.04*	1100	**5.7**	*0.20*	0.66	*0.03*
USA, California, Los Angeles County	1966	**7.3**	*0.17*	0.88	*0.03*	2102	**5.6**	*0.14*	0.66	*0.02*
USA, California, Los Angeles County: Black	252	**10.3**	*0.66*	1.36	*0.10*	295	**7.7**	*0.48*	0.95	*0.08*
USA, California, Los Angeles County: Chinese	55	**4.5**	*0.64*	0.48	*0.09*	56	**3.7**	*0.52*	0.40	*0.08*
USA, California, Los Angeles County: Filipino	30	**3.6**	*0.68*	0.43	*0.10*	53	**4.5**	*0.65*	0.55	*0.10*
USA, California, Los Angeles County: Japanese	36	**5.5**	*1.03*	0.71	*0.16*	56	**6.4**	*0.98*	0.80	*0.15*
USA, California, Los Angeles County: Korean	38	**6.9**	*1.14*	0.75	*0.16*	25	**3.2**	*0.67*	0.30	*0.09*
USA, California, Los Angeles County: Hispanic White	341	**5.8**	*0.32*	0.72	*0.05*	449	**5.5**	*0.27*	0.63	*0.04*
USA, California, Los Angeles County: Non-Hispanic White	1182	**8.1**	*0.25*	0.96	*0.04*	1132	**5.8**	*0.20*	0.68	*0.03*
USA, Colorado	940	**7.3**	*0.25*	0.84	*0.04*	908	**5.4**	*0.20*	0.64	*0.03*
USA, Connecticut	1079	**8.4**	*0.27*	0.99	*0.04*	1128	**6.2**	*0.22*	0.75	*0.03*
USA, Connecticut: Black	76	**10.9**	*1.27*	1.32	*0.19*	78	**7.7**	*0.90*	0.84	*0.13*
USA, Connecticut: White	995	**8.2**	*0.28*	0.98	*0.04*	1033	**6.0**	*0.22*	0.73	*0.03*
USA, District of Columbia	188	**10.5**	*0.80*	1.22	*0.12*	210	**7.2**	*0.57*	0.85	*0.09*
USA, District of Columbia: Black	139	**12.5**	*1.10*	1.46	*0.16*	159	**8.2**	*0.74*	0.96	*0.11*
USA, District of Columbia: White	40	**6.4**	*1.06*	0.67	*0.15*	42	**4.6**	*0.84*	0.50	*0.13*
USA, Florida	5626	**7.8**	*0.11*	0.93	*0.02*	5598	**5.7**	*0.09*	0.67	*0.01*
USA, Florida: Black	464	**8.8**	*0.42*	1.05	*0.06*	524	**7.0**	*0.32*	0.80	*0.05*
USA, Florida: White	5100	**7.7**	*0.12*	0.92	*0.02*	5010	**5.6**	*0.09*	0.66	*0.01*
USA, Georgia	1741	**7.7**	*0.19*	0.90	*0.03*	1710	**5.3**	*0.14*	0.63	*0.02*
USA, Georgia: Black	467	**10.6**	*0.51*	1.28	*0.08*	495	**7.0**	*0.34*	0.84	*0.05*
USA, Georgia: White	1256	**7.0**	*0.20*	0.82	*0.03*	1198	**4.8**	*0.15*	0.57	*0.02*
USA, Georgia, Atlanta	520	**7.8**	*0.35*	0.90	*0.05*	504	**5.4**	*0.26*	0.64	*0.04*
USA, Georgia, Atlanta: Black	164	**10.1**	*0.83*	1.25	*0.13*	183	**7.2**	*0.56*	0.80	*0.09*
USA, Georgia, Atlanta: White	343	**7.1**	*0.40*	0.81	*0.06*	314	**4.8**	*0.29*	0.59	*0.05*
USA, Idaho	294	**6.6**	*0.41*	0.74	*0.06*	320	**5.6**	*0.35*	0.65	*0.05*
USA, Illinois	3509	**8.6**	*0.15*	1.04	*0.02*	3752	**6.3**	*0.12*	0.76	*0.02*
USA, Illinois: Black	482	**11.2**	*0.52*	1.40	*0.08*	571	**8.7**	*0.38*	1.05	*0.06*
USA, Illinois: White	2955	**8.3**	*0.16*	1.00	*0.02*	3103	**6.0**	*0.13*	0.72	*0.02*
USA, Indiana	1549	**7.6**	*0.20*	0.93	*0.03*	1593	**5.5**	*0.16*	0.67	*0.02*
USA, Iowa	893	**8.0**	*0.29*	0.97	*0.04*	906	**5.4**	*0.21*	0.64	*0.03*
USA, Kentucky	1023	**7.5**	*0.24*	0.88	*0.03*	1062	**5.4**	*0.18*	0.62	*0.03*
USA, Louisiana	1360	**9.7**	*0.27*	1.17	*0.04*	1317	**6.4**	*0.20*	0.77	*0.03*
USA, Louisiana: Black	402	**12.5**	*0.64*	1.66	*0.10*	420	**8.4**	*0.44*	0.97	*0.07*
USA, Louisiana: White	949	**8.9**	*0.30*	1.04	*0.04*	891	**5.8**	*0.22*	0.70	*0.03*
USA, Louisiana, New Orleans: Black	116	**12.6**	*1.19*	1.80	*0.20*	119	**8.1**	*0.79*	0.90	*0.11*
USA, Louisiana, New Orleans: White	196	**8.8**	*0.67*	0.98	*0.09*	188	**6.0**	*0.50*	0.71	*0.07*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pancreas (C25) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	419	**8.3**	*0.43*	1.01	*0.06*	417	**6.1**	*0.34*	0.75	*0.05*
USA, Massachusetts	1813	**8.1**	*0.20*	0.97	*0.03*	2124	**6.3**	*0.16*	0.75	*0.02*
USA, Michigan	2760	**8.2**	*0.16*	0.97	*0.02*	2860	**6.1**	*0.13*	0.73	*0.02*
USA, Michigan: Black	395	**11.8**	*0.61*	1.44	*0.09*	467	**9.6**	*0.47*	1.16	*0.07*
USA, Michigan: White	2334	**7.8**	*0.17*	0.92	*0.02*	2358	**5.6**	*0.13*	0.67	*0.02*
USA, Michigan, Detroit	1241	**9.5**	*0.28*	1.13	*0.04*	1360	**7.2**	*0.22*	0.87	*0.03*
USA, Michigan, Detroit: Black	305	**12.4**	*0.74*	1.57	*0.11*	357	**9.6**	*0.55*	1.19	*0.08*
USA, Michigan, Detroit: White	921	**8.8**	*0.31*	1.04	*0.04*	993	**6.6**	*0.24*	0.79	*0.04*
USA, Missouri	1614	**8.1**	*0.21*	1.00	*0.03*	1620	**5.5**	*0.16*	0.65	*0.02*
USA, Missouri: Black	150	**10.5**	*0.88*	1.24	*0.13*	210	**8.9**	*0.67*	1.06	*0.10*
USA, Missouri: White	1455	**8.0**	*0.22*	0.98	*0.03*	1399	**5.2**	*0.16*	0.61	*0.02*
USA, Montana	244	**6.6**	*0.45*	0.75	*0.07*	233	**5.3**	*0.40*	0.65	*0.06*
USA, NPCR	60120	**7.9**	*0.03*	0.94	*0.00*	63114	**5.9**	*0.03*	0.69	*0.00*
USA, NPCR: Black	6260	**10.2**	*0.13*	1.25	*0.02*	7539	**8.0**	*0.10*	0.95	*0.01*
USA, NPCR: White	52183	**7.7**	*0.04*	0.92	*0.01*	53793	**5.6**	*0.03*	0.67	*0.00*
USA, New Jersey	2532	**8.5**	*0.18*	1.02	*0.03*	2885	**6.5**	*0.14*	0.75	*0.02*
USA, New Jersey: Black	273	**9.9**	*0.61*	1.24	*0.09*	363	**8.2**	*0.45*	0.92	*0.07*
USA, New Jersey: White	2188	**8.4**	*0.19*	1.01	*0.03*	2456	**6.4**	*0.15*	0.74	*0.02*
USA, New Mexico	458	**7.4**	*0.36*	0.93	*0.05*	422	**5.2**	*0.28*	0.64	*0.04*
USA, New Mexico: American Indian	20	**6.3**	*1.42*	0.91	*0.23*	22	**4.7**	*1.04*	0.48	*0.13*
USA, New Mexico: Hispanic White	149	**7.9**	*0.66*	0.96	*0.10*	150	**6.3**	*0.54*	0.75	*0.08*
USA, New Mexico: Non-Hispanic White	278	**7.2**	*0.46*	0.90	*0.07*	240	**4.7**	*0.34*	0.58	*0.05*
USA, New York State	5743	**8.8**	*0.12*	1.05	*0.02*	6762	**6.9**	*0.09*	0.80	*0.01*
USA, New York State: Black	634	**9.5**	*0.38*	1.18	*0.06*	972	**8.5**	*0.29*	1.01	*0.04*
USA, New York State: White	4925	**8.8**	*0.13*	1.05	*0.02*	5643	**6.8**	*0.10*	0.79	*0.02*
USA, Ohio	2992	**7.5**	*0.14*	0.90	*0.02*	3192	**5.5**	*0.11*	0.65	*0.02*
USA, Ohio: Black	322	**9.8**	*0.56*	1.19	*0.08*	404	**8.1**	*0.43*	0.98	*0.07*
USA, Ohio: White	2633	**7.3**	*0.15*	0.87	*0.02*	2748	**5.2**	*0.11*	0.61	*0.02*
USA, Oklahoma	952	**7.7**	*0.26*	0.92	*0.04*	923	**5.3**	*0.20*	0.60	*0.03*
USA, Oregon	906	**7.1**	*0.25*	0.85	*0.04*	980	**5.9**	*0.22*	0.71	*0.03*
USA, Pennsylvania	3988	**8.2**	*0.14*	0.99	*0.02*	4149	**5.9**	*0.11*	0.69	*0.02*
USA, Pennsylvania: Black	346	**11.4**	*0.63*	1.46	*0.09*	434	**8.6**	*0.45*	1.03	*0.07*
USA, Pennsylvania: White	3587	**7.9**	*0.14*	0.95	*0.02*	3646	**5.5**	*0.11*	0.66	*0.02*
USA, Rhode Island	304	**8.0**	*0.49*	1.00	*0.07*	386	**6.3**	*0.39*	0.74	*0.06*
USA, SEER (9 Registries)	7026	**8.0**	*0.10*	0.97	*0.02*	7256	**6.0**	*0.08*	0.71	*0.01*
USA, SEER (9 Registries): Black	717	**10.9**	*0.42*	1.37	*0.06*	832	**8.6**	*0.32*	1.03	*0.05*
USA, SEER (9 Registries): White	5767	**7.9**	*0.11*	0.95	*0.02*	5787	**5.7**	*0.09*	0.68	*0.01*
USA, SEER (14 Registries)	18724	**7.9**	*0.06*	0.95	*0.01*	19530	**5.9**	*0.05*	0.69	*0.01*
USA, SEER (14 Registries): Asian and Pacific Islander	1048	**5.8**	*0.19*	0.67	*0.03*	1119	**4.8**	*0.15*	0.55	*0.02*
USA, SEER (14 Registries): Black	1937	**10.9**	*0.25*	1.39	*0.04*	2209	**8.3**	*0.19*	0.97	*0.03*
USA, SEER (14 Registries): Hispanic White	1390	**6.7**	*0.19*	0.82	*0.03*	1542	**5.8**	*0.15*	0.67	*0.02*
USA, SEER (14 Registries): Non-Hispanic White	14219	**7.9**	*0.07*	0.94	*0.01*	14516	**5.7**	*0.06*	0.67	*0.01*
USA, South Carolina	1047	**7.8**	*0.25*	0.89	*0.04*	1138	**6.0**	*0.20*	0.71	*0.03*
USA, South Carolina: Black	277	**9.9**	*0.61*	1.15	*0.09*	378	**8.5**	*0.47*	1.03	*0.07*
USA, South Carolina: White	765	**7.2**	*0.27*	0.82	*0.04*	757	**5.3**	*0.21*	0.61	*0.03*
USA, Texas	4459	**7.4**	*0.11*	0.90	*0.02*	4479	**5.5**	*0.09*	0.65	*0.01*
USA, Texas: Black	539	**10.4**	*0.46*	1.29	*0.07*	564	**7.5**	*0.34*	0.90	*0.05*
USA, Texas: White	3845	**7.2**	*0.12*	0.87	*0.02*	3832	**5.3**	*0.09*	0.62	*0.01*
USA, Utah	381	**6.8**	*0.36*	0.81	*0.05*	325	**4.5**	*0.27*	0.51	*0.04*
USA, Vermont	182	**8.4**	*0.65*	1.05	*0.10*	156	**5.5**	*0.49*	0.68	*0.07*
USA, Washington State	1607	**8.2**	*0.21*	1.00	*0.03*	1617	**6.2**	*0.17*	0.72	*0.03*
USA, Washington, Seattle	1080	**8.2**	*0.26*	1.01	*0.04*	1111	**6.3**	*0.22*	0.75	*0.03*
USA, West Virginia	517	**7.2**	*0.33*	0.84	*0.05*	463	**4.4**	*0.23*	0.55	*0.04*
USA, Wisconsin	1543	**8.0**	*0.22*	0.96	*0.03*	1660	**6.1**	*0.17*	0.72	*0.03*
Asia										
Bahrain: Bahraini	28	**4.9**	*0.94*	0.63	*0.15*	17	**2.8**	*0.70*	0.33	*0.10*
China, Guangzhou City	180	**3.4**	*0.26*	0.41	*0.04*	134	**2.1**	*0.18*	0.25	*0.03**
China, Hong Kong	1006	**4.5**	*0.15*	0.53	*0.02*	797	**3.1**	*0.12*	0.37	*0.02*
China, Jiashan	91	**7.1**	*0.76*	0.88	*0.11*	82	**5.4**	*0.63*	0.62	*0.09**
China, Nangang District, Harbin City	172	**7.5**	*0.58*	0.96	*0.08*	122	**5.1**	*0.46*	0.60	*0.07*
China, Shanghai	1812	**7.5**	*0.19*	0.90	*0.03*	1587	**5.3**	*0.14*	0.63	*0.02**
China, Zhongshan	84	**2.6**	*0.29*	0.36	*0.04*	48	**1.4**	*0.22*	0.19	*0.03**
Cyprus	94	**4.0**	*0.43*	0.48	*0.06*	58	**1.8**	*0.25*	0.20	*0.04**
India, Chennai (Madras)	134	**1.4**	*0.13*	0.16	*0.02*	60	**0.7**	*0.09*	0.08	*0.01*
India, New Delhi	412	**2.1**	*0.11*	0.26	*0.02*	234	**1.4**	*0.10*	0.18	*0.01**
India, Karunagappally	21	**2.5**	*0.54*	0.32	*0.08*	11	**1.2**	*0.36*	0.15	*0.05*
India, Mumbai (Bombay)	436	**2.2**	*0.11*	0.27	*0.02*	299	**1.6**	*0.09*	0.19	*0.01*
India, Nagpur	50	**1.3**	*0.19*	0.15	*0.02*	21	**0.5**	*0.12*	0.06	*0.01**
India, Poona	116	**1.9**	*0.18*	0.23	*0.03*	72	**1.2**	*0.14*	0.15	*0.02**
India, Trivandrum	47	**1.7**	*0.25*	0.22	*0.04*	31	**1.0**	*0.19*	0.13	*0.03**
Israel	1446	**8.4**	*0.23*	1.00	*0.03*	1373	**5.9**	*0.17*	0.67	*0.03*
Israel: Jews	1300	**8.3**	*0.24*	0.99	*0.04*	1260	**5.8**	*0.18*	0.67	*0.03*
Israel: Non-Jews	71	**5.0**	*0.61*	0.64	*0.09*	37	**2.4**	*0.40*	0.29	*0.06*
Japan, Aichi Prefecture	349	**8.8**	*0.48*	1.04	*0.07*	242	**5.0**	*0.34*	0.58	*0.05*
Japan, Fukui Prefecture	381	**8.8**	*0.48*	1.03	*0.07*	353	**5.3**	*0.34*	0.57	*0.05*
Japan, Hiroshima	369	**8.6**	*0.46*	0.99	*0.07*	285	**4.9**	*0.31*	0.54	*0.04*
Japan, Miyagi Prefecture	1119	**10.1**	*0.31*	1.17	*0.04*	987	**6.3**	*0.22*	0.66	*0.03*
Japan, Nagasaki Prefecture	733	**9.3**	*0.36*	1.10	*0.05*	661	**5.2**	*0.24*	0.56	*0.03*
Japan, Osaka Prefecture	3524	**9.3**	*0.16*	1.07	*0.02*	2874	**5.4**	*0.11*	0.60	*0.02*
Japan, Yamagata Prefecture	718	**9.9**	*0.40*	1.15	*0.06*	546	**5.1**	*0.26*	0.55	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pancreas (C25) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	6464	**7.8**	*0.10*	0.95	*0.01*	4709	**4.1**	*0.06*	0.49	*0.01*
Korea, Busan	592	**7.7**	*0.35*	0.91	*0.05*	411	**3.8**	*0.19*	0.47	*0.03*
Korea, Daegu	359	**7.3**	*0.41*	0.89	*0.06*	294	**4.4**	*0.26*	0.53	*0.04*
Korea, Daejeon	194	**7.9**	*0.60*	0.97	*0.09*	149	**4.5**	*0.37*	0.56	*0.06*
Korea, Gwangju	193	**8.3**	*0.63*	1.01	*0.09*	154	**4.4**	*0.36*	0.56	*0.06*
Korea, Incheon	361	**7.8**	*0.43*	0.97	*0.06*	244	**3.8**	*0.25*	0.45	*0.04*
Korea, Jejudo	36	**5.0**	*0.86*	0.83	*0.16*	43	**3.6**	*0.58*	0.43	*0.08*
Korea, Seoul	1664	**8.7**	*0.23*	1.02	*0.03*	1253	**5.0**	*0.14*	0.60	*0.02*
Korea, Ulsan	113	**8.7**	*0.89*	1.10	*0.14*	80	**4.6**	*0.54*	0.61	*0.09*
Kuwait: Kuwaitis	34	**3.7**	*0.64*	0.44	*0.09*	31	**3.0**	*0.55*	0.33	*0.07*
Kuwait: Non-Kuwaitis	32	**3.2**	*0.91*	0.30	*0.11*	16	**2.6**	*0.78*	0.35	*0.12*
Malaysia, Penang	61	**3.4**	*0.44*	0.42	*0.06*	53	**2.5**	*0.34*	0.32	*0.05*
Malaysia, Sarawak	82	**2.3**	*0.26*	0.25	*0.04*	64	**1.8**	*0.23*	0.22	*0.03*
Oman: Omani	34	**2.1**	*0.36*	0.21	*0.04*	25	**1.6**	*0.34*	0.22	*0.05**
Pakistan, South Karachi	25	**0.9**	*0.19*	0.10	*0.02*	9	**0.5**	*0.18*	0.06	*0.02**
Philippines, Manila	261	**4.3**	*0.28*	0.50	*0.04*	305	**4.0**	*0.23*	0.48	*0.04**
Singapore	399	**5.0**	*0.25*	0.56	*0.04*	336	**3.5**	*0.20*	0.39	*0.03*
Singapore: Chinese	342	**5.4**	*0.30*	0.62	*0.04*	294	**3.6**	*0.22*	0.41	*0.03*
Singapore: Indian	21	**3.1**	*0.70*	0.26	*0.07*	11	**2.3**	*0.72*	0.28	*0.10*
Singapore: Malay	36	**3.9**	*0.68*	0.47	*0.10*	31	**3.1**	*0.58*	0.34	*0.08*
Thailand, Chiang Mai	54	**1.4**	*0.19*	0.17	*0.03*	51	**1.2**	*0.17*	0.17	*0.03**
Thailand, Lampang	45	**2.0**	*0.30*	0.21	*0.04*	44	**1.9**	*0.29*	0.22	*0.04**
Thailand, Songkhla	48	**1.8**	*0.26*	0.24	*0.04*	21	**0.7**	*0.16*	0.09	*0.02*
Turkey, Antalya	122	**4.2**	*0.39*	0.59	*0.06*	78	**2.6**	*0.30*	0.36	*0.05**
Turkey, Izmir	320	**4.1**	*0.23*	0.49	*0.03*	225	**2.7**	*0.18*	0.34	*0.03**
Europe										
Austria	2732	**8.8**	*0.17*	1.06	*0.03*	3397	**6.5**	*0.13*	0.72	*0.02*
Austria, Tyrol	214	**8.9**	*0.62*	1.10	*0.09*	232	**6.0**	*0.45*	0.63	*0.06*
Austria, Vorarlberg	99	**8.6**	*0.87*	1.09	*0.13*	90	**5.0**	*0.58*	0.58	*0.09*
Belarus	2229	**7.6**	*0.16*	0.94	*0.02*	1872	**3.6**	*0.09*	0.45	*0.01**
Belgium, Antwerp	280	**4.0**	*0.25*	0.52	*0.04*	272	**3.0**	*0.20*	0.36	*0.03**
Belgium, Flanders	1026	**5.0**	*0.16*	0.63	*0.02*	1050	**3.9**	*0.13*	0.45	*0.02*
Bulgaria	2816	**8.6**	*0.17*	1.03	*0.02*	1895	**4.3**	*0.11*	0.52	*0.01**
Croatia	1555	**9.4**	*0.24*	1.10	*0.03*	1368	**5.2**	*0.15*	0.61	*0.02*
Czech Republic	4030	**11.0**	*0.18*	1.34	*0.03*	3958	**7.2**	*0.12*	0.83	*0.02*
Denmark	1746	**7.8**	*0.20*	0.92	*0.03*	1958	**6.6**	*0.17*	0.80	*0.03*
Estonia	466	**10.6**	*0.49*	1.32	*0.07*	438	**5.3**	*0.28*	0.63	*0.04*
Finland	1811	**8.8**	*0.21*	1.04	*0.03*	2098	**6.4**	*0.16*	0.70	*0.02*
France, Bas-Rhin	267	**7.4**	*0.46*	0.96	*0.07*	263	**5.0**	*0.34*	0.64	*0.05*
France, Calvados	192	**7.6**	*0.57*	0.87	*0.08*	196	**5.2**	*0.43*	0.60	*0.06*
France, Doubs	109	**5.8**	*0.58*	0.70	*0.08*	100	**3.5**	*0.39*	0.37	*0.06*
France, Haut-Rhin	194	**7.5**	*0.55*	0.91	*0.08*	172	**4.3**	*0.37*	0.48	*0.05*
France, Herault	244	**6.6**	*0.45*	0.81	*0.06*	219	**4.2**	*0.33*	0.52	*0.05*
France, Isere	248	**6.2**	*0.41*	0.80	*0.06*	279	**4.8**	*0.32*	0.53	*0.05*
France, Loire-Atlantique	170	**4.4**	*0.34*	0.62	*0.05*	118	**2.1**	*0.21*	0.25	*0.03*
France, Manche	92	**4.5**	*0.49*	0.59	*0.07*	62	**2.4**	*0.35*	0.30	*0.05*
France, Somme	110	**5.1**	*0.51*	0.61	*0.07*	116	**3.8**	*0.40*	0.46	*0.06*
France, Tarn	112	**6.2**	*0.65*	0.76	*0.09*	103	**3.5**	*0.43*	0.39	*0.06*
France, Vendee	94	**4.0**	*0.43*	0.59	*0.07*	69	**2.5**	*0.34*	0.31	*0.04*
Germany, Brandenburg	985	**9.6**	*0.31*	1.11	*0.04*	1028	**6.6**	*0.23*	0.78	*0.03*
Germany, Free State of Saxony	1686	**8.7**	*0.22*	1.03	*0.03*	1957	**6.0**	*0.16*	0.69	*0.02*
Germany, Hamburg	638	**8.8**	*0.36*	1.08	*0.05*	751	**6.1**	*0.26*	0.72	*0.04*
Germany, Mecklenburg-Western Pomerania	655	**9.7**	*0.38*	1.21	*0.05*	687	**6.4**	*0.27*	0.72	*0.04*
Germany, Munich	818	**8.3**	*0.30*	0.96	*0.04*	893	**5.7**	*0.22*	0.62	*0.03*
Germany, Northrhine-Westphalia: Munster	1051	**9.9**	*0.31*	1.13	*0.04*	1021	**6.1**	*0.22*	0.69	*0.03*
Germany, Saarland	386	**8.2**	*0.43*	0.98	*0.06*	476	**6.3**	*0.34*	0.70	*0.05*
Iceland	78	**8.0**	*0.95*	0.97	*0.14*	66	**5.3**	*0.72*	0.61	*0.11*
Ireland	939	**7.4**	*0.25*	0.84	*0.04*	916	**5.5**	*0.20*	0.63	*0.03*
Italy, Biella Province	84	**8.6**	*0.98*	1.02	*0.14*	103	**6.5**	*0.76*	0.77	*0.11*
Italy, Brescia Province	300	**11.9**	*0.70*	1.47	*0.10*	275	**6.9**	*0.47*	0.83	*0.07*
Italy, Ferrara Province	184	**9.3**	*0.73*	1.15	*0.10*	171	**5.8**	*0.53*	0.67	*0.07*
Italy, Florence and Prato	501	**7.8**	*0.37*	0.91	*0.05*	510	**5.2**	*0.28*	0.54	*0.04*
Italy, Genoa Province	253	**8.0**	*0.54*	0.93	*0.08*	303	**5.9**	*0.42*	0.67	*0.06*
Italy, Macerata Province	71	**7.2**	*0.92*	0.90	*0.13*	86	**5.7**	*0.76*	0.60	*0.10*
Italy, Milan	468	**8.9**	*0.44*	1.06	*0.06*	609	**6.3**	*0.30*	0.70	*0.04*
Italy, Modena Province	262	**8.0**	*0.52*	0.99	*0.08*	255	**5.4**	*0.40*	0.62	*0.06*
Italy, Naples	92	**6.0**	*0.63*	0.71	*0.09*	77	**3.7**	*0.44*	0.44	*0.06*
Italy, North East Cancer Surveillance Network	985	**10.1**	*0.34*	1.22	*0.05*	1115	**7.1**	*0.25*	0.82	*0.04*
Italy, Parma Province	213	**9.6**	*0.71*	1.19	*0.10*	274	**7.6**	*0.60*	0.85	*0.08*
Italy, Ragusa Province	125	**9.1**	*0.87*	1.09	*0.13*	103	**5.6**	*0.62*	0.58	*0.08*
Italy, Reggio Emilia Province	153	**6.5**	*0.56*	0.81	*0.08*	204	**5.5**	*0.47*	0.60	*0.07*
Italy, Romagna Region	527	**9.4**	*0.44*	1.13	*0.06*	485	**5.8**	*0.32*	0.63	*0.04*
Italy, Salerno Province	181	**5.1**	*0.40*	0.60	*0.05*	165	**3.6**	*0.32*	0.39	*0.04*
Italy, Sassari Province	195	**9.7**	*0.72*	1.07	*0.10*	175	**6.0**	*0.51*	0.65	*0.07*
Italy, Syracuse Province	99	**7.3**	*0.78*	0.79	*0.10*	94	**5.0**	*0.57*	0.58	*0.08*
Italy, Sondrio	90	**12.2**	*1.31*	1.61	*0.20*	96	**7.0**	*0.82*	0.75	*0.12*
Italy, Torino	345	**7.0**	*0.39*	0.81	*0.06*	408	**5.5**	*0.33*	0.60	*0.04*
Italy, Umbria Region	335	**7.2**	*0.43*	0.85	*0.06*	291	**4.3**	*0.31*	0.45	*0.04*
Italy, Varese Province	185	**8.7**	*0.65*	1.07	*0.10*	173	**4.9**	*0.43*	0.58	*0.06*
Italy, Veneto Region	747	**9.9**	*0.38*	1.14	*0.05*	857	**7.0**	*0.28*	0.82	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Pancreas (C25) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	853	**11.2**	*0.39*	1.37	*0.05*	807	**5.6**	*0.22*	0.66	*0.03*
Lithuania	1175	**10.9**	*0.32*	1.32	*0.04*	1033	**5.3**	*0.18*	0.62	*0.02*
Malta	97	**7.3**	*0.76*	0.96	*0.12*	125	**6.9**	*0.65*	0.85	*0.10*
Norway	1403	**7.3**	*0.21*	0.84	*0.03*	1633	**5.8**	*0.17*	0.65	*0.03*
Poland, Cracow	243	**9.6**	*0.62*	1.15	*0.09*	247	**6.0**	*0.41*	0.70	*0.06**
Poland, Kielce	383	**8.9**	*0.47*	1.04	*0.06*	363	**5.3**	*0.30*	0.59	*0.04*
Poland, Warsaw City	386	**6.3**	*0.33*	0.78	*0.04*	365	**3.7**	*0.21*	0.44	*0.03*
Portugal, Porto	265	**2.6**	*0.16*	0.32	*0.02*	213	**1.5**	*0.11*	0.18	*0.01**
Portugal, South Regional	702	**6.0**	*0.24*	0.72	*0.03*	620	**3.7**	*0.17*	0.38	*0.02*
Russia, St Petersburg	1338	**9.6**	*0.26*	1.14	*0.04*	1668	**5.7**	*0.15*	0.65	*0.02*
Serbia	1143	**6.2**	*0.19*	0.77	*0.03*	840	**3.7**	*0.14*	0.46	*0.02*
Slovak Republic	1650	**10.4**	*0.26*	1.30	*0.04*	1317	**5.5**	*0.16*	0.66	*0.02*
Slovenia	561	**8.1**	*0.34*	0.96	*0.05*	594	**5.5**	*0.24*	0.64	*0.03*
Spain, Albacete	66	**5.3**	*0.71*	0.68	*0.10*	52	**2.6**	*0.42*	0.25	*0.06*
Spain, Asturias	281	**5.5**	*0.35*	0.62	*0.05*	269	**3.1**	*0.23*	0.33	*0.03*
Spain, Basque Country	530	**7.4**	*0.33*	0.87	*0.05*	484	**4.6**	*0.24*	0.49	*0.03*
Spain, Canary Islands	378	**8.0**	*0.42*	0.93	*0.06*	281	**4.5**	*0.28*	0.46	*0.04*
Spain, Cuenca	64	**5.5**	*0.82*	0.60	*0.10*	50	**2.7**	*0.49*	0.31	*0.07*
Spain, Girona	160	**6.6**	*0.56*	0.76	*0.08*	136	**4.2**	*0.42*	0.49	*0.06*
Spain, Granada	149	**4.8**	*0.42*	0.58	*0.06*	141	**3.3**	*0.31*	0.38	*0.04*
Spain, Murcia	244	**6.0**	*0.40*	0.72	*0.05*	176	**3.2**	*0.27*	0.39	*0.04*
Spain, Navarra	208	**8.3**	*0.62*	1.05	*0.09*	166	**4.3**	*0.40*	0.50	*0.06*
Spain, Tarragona	129	**5.9**	*0.56*	0.68	*0.08*	138	**4.6**	*0.46*	0.50	*0.06*
Spain, Zaragoza	170	**4.3**	*0.36*	0.48	*0.05*	165	**2.7**	*0.25*	0.30	*0.03*
Sweden	2162	**5.3**	*0.12*	0.67	*0.02*	2336	**4.6**	*0.11*	0.58	*0.02*
Switzerland, Geneva	148	**9.0**	*0.76*	1.07	*0.12*	144	**5.9**	*0.56*	0.63	*0.08*
Switzerland, Graubunden and Glarus	79	**8.4**	*0.99*	0.99	*0.15*	84	**5.8**	*0.74*	0.70	*0.12*
Switzerland, Neuchatel	59	**8.3**	*1.15*	0.99	*0.17*	50	**5.5**	*0.88*	0.68	*0.12*
Switzerland, St Gall-Appenzell	183	**8.9**	*0.68*	1.08	*0.11*	163	**5.2**	*0.47*	0.56	*0.07*
Switzerland, Ticino	134	**9.6**	*0.86*	1.08	*0.12*	141	**6.0**	*0.60*	0.64	*0.09*
Switzerland, Valais	92	**8.4**	*0.91*	0.99	*0.13*	81	**5.2**	*0.66*	0.54	*0.09*
Switzerland, Vaud	175	**7.0**	*0.56*	0.87	*0.08*	191	**5.1**	*0.42*	0.58	*0.06*
The Netherlands	3716	**6.2**	*0.10*	0.76	*0.02*	3781	**4.7**	*0.09*	0.56	*0.01*
The Netherlands, Eindhoven	240	**6.4**	*0.42*	0.76	*0.06*	202	**4.1**	*0.31*	0.47	*0.05*
The Netherlands, Maastricht	193	**5.3**	*0.39*	0.64	*0.06*	186	**4.0**	*0.32*	0.49	*0.05*
UK, East of England Region	799	**6.3**	*0.24*	0.74	*0.03*	803	**4.6**	*0.19*	0.55	*0.03*
UK, England, Merseyside and Cheshire	737	**7.2**	*0.28*	0.84	*0.04*	761	**4.9**	*0.21*	0.55	*0.03*
UK, England, North Western	1114	**6.4**	*0.20*	0.78	*0.03*	1188	**4.7**	*0.16*	0.52	*0.02*
UK, England, Northern and Yorkshire	1886	**6.7**	*0.16*	0.79	*0.02*	2093	**5.2**	*0.13*	0.59	*0.02*
UK, England, Oxford Region	702	**6.4**	*0.25*	0.71	*0.04*	718	**4.9**	*0.21*	0.56	*0.03*
UK, England, South and Western Regions	2200	**6.7**	*0.15*	0.77	*0.02*	2258	**4.7**	*0.12*	0.54	*0.02*
UK, England, Thames	4002	**7.1**	*0.12*	0.81	*0.02*	4283	**5.2**	*0.09*	0.58	*0.01*
UK, England, Trent	1537	**7.2**	*0.19*	0.86	*0.03*	1587	**5.5**	*0.16*	0.65	*0.02*
UK, England, West Midlands	1525	**6.6**	*0.18*	0.77	*0.03*	1572	**5.0**	*0.14*	0.58	*0.02*
UK, Northern Ireland	380	**6.3**	*0.34*	0.72	*0.05*	369	**4.2**	*0.25*	0.48	*0.04*
UK, Scotland	1418	**6.8**	*0.19*	0.80	*0.03*	1630	**5.3**	*0.15*	0.62	*0.02*
Oceania										
Australia, New South Wales	1586	**6.3**	*0.17*	0.72	*0.02*	1594	**5.0**	*0.14*	0.59	*0.02*
Australia, Northern Territory	28	**7.0**	*1.41*	0.91	*0.22*	17	**5.7**	*1.43*	0.61	*0.22*
Australia, Queensland	862	**6.7**	*0.23*	0.77	*0.03*	788	**4.9**	*0.19*	0.53	*0.03*
Australia, South	403	**6.4**	*0.34*	0.75	*0.05*	389	**4.6**	*0.27*	0.51	*0.04*
Australia, Tasmania	118	**6.1**	*0.59*	0.73	*0.09*	138	**5.3**	*0.52*	0.58	*0.08*
Australia, Victoria	1253	**7.1**	*0.21*	0.83	*0.03*	1200	**4.8**	*0.16*	0.52	*0.02*
Australia, Western	397	**6.3**	*0.33*	0.76	*0.05*	417	**5.2**	*0.28*	0.56	*0.04*
Australian Capital Territory	43	**5.0**	*0.79*	0.58	*0.12*	45	**4.5**	*0.70*	0.61	*0.12*
French Polynesia	17	**4.0**	*1.00*	0.46	*0.14*	19	**4.5**	*1.06*	0.59	*0.18*
New Zealand	815	**6.1**	*0.22*	0.73	*0.03*	780	**4.5**	*0.18*	0.51	*0.03*
USA, Hawaii	365	**7.6**	*0.43*	0.89	*0.06*	384	**6.7**	*0.38*	0.77	*0.05*
USA, Hawaii: Chinese	35	**8.2**	*1.62*	0.87	*0.22*	27	**5.0**	*1.11*	0.49	*0.15*
USA, Hawaii: Filipino	45	**5.9**	*0.95*	0.72	*0.15*	37	**4.5**	*0.76*	0.51	*0.11*
USA, Hawaii: Hawaiian	48	**10.1**	*1.49*	1.24	*0.22*	68	**11.5**	*1.44*	1.20	*0.19*
USA, Hawaii: Japanese	123	**7.8**	*0.84*	0.93	*0.12*	159	**8.3**	*0.83*	0.97	*0.11*
USA, Hawaii: White	92	**7.1**	*0.79*	0.79	*0.12*	73	**5.6**	*0.73*	0.69	*0.11*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nose, sinuses etc. (C30-31)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	8	**0.4**	*0.13*	-	-	3	**0.1**	*0.08*	-	- *
Egypt, Gharbiah	22	**0.5**	*0.11*	-	-	17	**0.3**	*0.09*	-	-
Tunisia, Centre, Sousse	2	**0.2**	*0.12*	-	-	4	**0.4**	*0.19*	-	- *
Uganda, Kyadondo County	2	**0.2**	*0.11*	-	-	2	**0.1**	*0.10*	-	- *
Zimbabwe, Harare: African	16	**0.8**	*0.25*	-	-	13	**0.6**	*0.20*	-	- *
America, Central and South										
Argentina, Bahia Blanca	3	**0.3**	*0.17*	0.01	*0.01*	1	**0.1**	*0.13*	0.02	*0.02*
Brazil, Brasilia	22	**1.2**	*0.26*	0.17	*0.04*	18	**0.6**	*0.15*	0.07	*0.02*
Brazil, Cuiaba	3	**0.5**	*0.31*	0.04	*0.03*	0	**-**	-	-	-
Brazil, Goiania	9	**0.6**	*0.20*	0.05	*0.03*	9	**0.5**	*0.16*	0.05	*0.02*
Brazil, Sao Paulo	157	**0.7**	*0.06*	0.07	*0.01*	124	**0.4**	*0.04*	0.04	*0.00*
Chile, Valdivia	10	**1.2**	*0.39*	0.15	*0.05*	2	**0.2**	*0.13*	0.02	*0.02*
Colombia, Cali	19	**0.5**	*0.12*	0.06	*0.02*	31	**0.7**	*0.13*	0.09	*0.02*
Costa Rica	18	**0.2**	*0.05*	0.02	*0.01*	26	**0.3**	*0.06*	0.03	*0.01*
Ecuador, Quito	15	**0.5**	*0.14*	0.06	*0.02*	24	**0.8**	*0.17*	0.09	*0.02*
France, La Martinique	7	**0.6**	*0.21*	0.07	*0.03*	2	**0.2**	*0.11*	0.03	*0.02*
Peru, Trujillo	8	**1.0**	*0.34*	0.10	*0.05*	6	**0.6**	*0.25*	0.11	*0.05* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	394	**0.5**	*0.03*	0.05	*0.00*	287	**0.3**	*0.02*	0.03	*0.00*
Canada, Alberta	57	**0.6**	*0.08*	0.06	*0.01*	21	**0.2**	*0.05*	0.02	*0.01*
Canada, British Columbia	62	**0.4**	*0.06*	0.04	*0.01*	70	**0.4**	*0.06*	0.05	*0.01*
Canada, Manitoba	24	**0.6**	*0.12*	0.06	*0.02*	10	**0.2**	*0.07*	0.03	*0.01*
Canada, New Brunswick	11	**0.4**	*0.12*	0.05	*0.02*	14	**0.5**	*0.14*	0.07	*0.02*
Canada, Newfoundland and Labrador	10	**0.5**	*0.17*	0.07	*0.03*	3	**0.2**	*0.11*	0.02	*0.01*
Canada, Northwest Territories	0	**-**	-	-	-	0	**-**	-	-	-
Canada, Nova Scotia	17	**0.4**	*0.11*	0.04	*0.01*	12	**0.4**	*0.12*	0.04	*0.01*
Canada, Ontario	197	**0.5**	*0.04*	0.05	*0.00*	138	**0.3**	*0.03*	0.03	*0.00*
Canada, Prince Edward Island	2	**0.5**	*0.34*	0.08	*0.06*	2	**0.3**	*0.24*	0.02	*0.02*
Canada, Saskatchewan	14	**0.4**	*0.13*	0.04	*0.01*	17	**0.4**	*0.11*	0.04	*0.01*
USA, Alabama	100	**0.7**	*0.07*	0.09	*0.01*	68	**0.4**	*0.05*	0.05	*0.01*
USA, Alabama: Black	21	**0.7**	*0.17*	0.10	*0.02*	10	**0.2**	*0.08*	0.02	*0.01*
USA, Alabama: White	75	**0.7**	*0.08*	0.09	*0.01*	58	**0.4**	*0.06*	0.05	*0.01*
USA, Alaska	11	**0.8**	*0.23*	0.07	*0.03*	8	**0.6**	*0.21*	0.06	*0.03*
USA, Arizona	89	**0.6**	*0.06*	0.07	*0.01*	69	**0.3**	*0.04*	0.04	*0.01*
USA, California	554	**0.6**	*0.02*	0.07	*0.00*	420	**0.3**	*0.02*	0.04	*0.00*
USA, California: Asian and Pacific Islander	55	**0.5**	*0.07*	0.07	*0.01*	42	**0.3**	*0.05*	0.03	*0.01*
USA, California: Black	35	**0.6**	*0.10*	0.07	*0.02*	21	**0.3**	*0.07*	0.04	*0.01*
USA, California: Hispanic White	105	**0.6**	*0.06*	0.06	*0.01*	66	**0.3**	*0.04*	0.04	*0.01*
USA, California: Non-Hispanic White	349	**0.6**	*0.03*	0.06	*0.00*	286	**0.4**	*0.03*	0.04	*0.00*
USA, California, Greater San Francisco Bay Area	102	**0.5**	*0.06*	0.07	*0.01*	79	**0.3**	*0.04*	0.04	*0.01*
USA, California, Greater San Francisco Bay Area: Black	5	**0.4**	*0.20*	0.04	*0.03*	6	**0.4**	*0.16*	0.06	*0.03*
USA, California, Greater San Francisco Bay Area: Chinese	10	**0.7**	*0.23*	0.10	*0.03*	4	**0.3**	*0.17*	0.03	*0.02*
USA, California, Greater San Francisco Bay Area: Filipino	2	**0.3**	*0.19*	0.05	*0.04*	3	**0.3**	*0.16*	0.03	*0.02*
USA, California, Greater San Francisco Bay Area: Japanese	5	**1.5**	*0.78*	0.19	*0.11*	2	**0.2**	*0.17*	0.03	*0.03*
USA, California, Greater San Francisco Bay Area: Hispanic White	15	**0.6**	*0.17*	0.07	*0.03*	6	**0.2**	*0.09*	0.02	*0.01*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	57	**0.5**	*0.06*	0.06	*0.01*	53	**0.3**	*0.05*	0.04	*0.01*
USA, California, Los Angeles County	157	**0.6**	*0.05*	0.07	*0.01*	121	**0.4**	*0.04*	0.04	*0.00*
USA, California, Los Angeles County: Black	21	**0.8**	*0.18*	0.08	*0.02*	11	**0.3**	*0.10*	0.03	*0.01*
USA, California, Los Angeles County: Chinese	4	**0.4**	*0.19*	0.05	*0.03*	3	**0.1**	*0.09*	0.01	*0.01*
USA, California, Los Angeles County: Filipino	2	**0.2**	*0.15*	0.02	*0.02*	5	**0.5**	*0.24*	0.07	*0.04*
USA, California, Los Angeles County: Japanese	0	**-**	-	-	-	3	**0.2**	*0.10*	-	-
USA, California, Los Angeles County: Korean	4	**0.7**	*0.36*	0.11	*0.06*	4	**0.6**	*0.29*	0.08	*0.05*
USA, California, Los Angeles County: Hispanic White	45	**0.6**	*0.10*	0.06	*0.01*	35	**0.4**	*0.07*	0.04	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	74	**0.6**	*0.08*	0.07	*0.01*	56	**0.4**	*0.07*	0.04	*0.01*
USA, Colorado	74	**0.6**	*0.07*	0.08	*0.01*	53	**0.4**	*0.06*	0.04	*0.01*
USA, Connecticut	63	**0.5**	*0.07*	0.05	*0.01*	51	**0.3**	*0.05*	0.04	*0.01*
USA, Connecticut: Black	6	**0.8**	*0.34*	0.11	*0.06*	1	**0.1**	*0.08*	0.01	*0.01*
USA, Connecticut: White	57	**0.5**	*0.07*	0.05	*0.01*	49	**0.4**	*0.06*	0.04	*0.01*
USA, District of Columbia	8	**0.5**	*0.18*	0.05	*0.02*	7	**0.3**	*0.14*	0.04	*0.02*
USA, District of Columbia: Black	6	**0.7**	*0.27*	0.08	*0.03*	4	**0.3**	*0.15*	0.03	*0.02*
USA, District of Columbia: White	2	**0.3**	*0.19*	0.01	*0.01*	3	**0.5**	*0.34*	0.07	*0.05*
USA, Florida	411	**0.7**	*0.04*	0.07	*0.00*	315	**0.4**	*0.03*	0.04	*0.00*
USA, Florida: Black	33	**0.6**	*0.11*	0.07	*0.01*	27	**0.4**	*0.07*	0.03	*0.01*
USA, Florida: White	370	**0.7**	*0.04*	0.07	*0.00*	284	**0.4**	*0.03*	0.05	*0.00*
USA, Georgia	163	**0.7**	*0.06*	0.09	*0.01*	88	**0.3**	*0.04*	0.03	*0.00*
USA, Georgia: Black	36	**0.8**	*0.13*	0.08	*0.02*	23	**0.3**	*0.07*	0.03	*0.01*
USA, Georgia: White	124	**0.7**	*0.07*	0.09	*0.01*	65	**0.3**	*0.04*	0.03	*0.01*
USA, Georgia, Atlanta	55	**0.8**	*0.11*	0.10	*0.02*	37	**0.4**	*0.07*	0.04	*0.01*
USA, Georgia, Atlanta: Black	11	**0.6**	*0.19*	0.07	*0.03*	16	**0.6**	*0.14*	0.04	*0.02*
USA, Georgia, Atlanta: White	42	**0.9**	*0.14*	0.11	*0.02*	21	**0.4**	*0.08*	0.04	*0.01*
USA, Idaho	23	**0.6**	*0.13*	0.06	*0.02*	15	**0.4**	*0.10*	0.04	*0.01*
USA, Illinois	258	**0.7**	*0.04*	0.08	*0.01*	166	**0.3**	*0.03*	0.04	*0.00*
USA, Illinois: Black	32	**0.8**	*0.14*	0.09	*0.02*	19	**0.3**	*0.07*	0.02	*0.01*
USA, Illinois: White	216	**0.7**	*0.05*	0.08	*0.01*	139	**0.3**	*0.03*	0.04	*0.00*
USA, Indiana	120	**0.6**	*0.06*	0.07	*0.01*	77	**0.3**	*0.04*	0.04	*0.01*
USA, Iowa	42	**0.4**	*0.07*	0.05	*0.01*	51	**0.4**	*0.06*	0.04	*0.01*
USA, Kentucky	107	**0.8**	*0.08*	0.09	*0.01*	62	**0.4**	*0.06*	0.04	*0.01*
USA, Louisiana	100	**0.8**	*0.08*	0.09	*0.01*	56	**0.3**	*0.05*	0.04	*0.01*
USA, Louisiana: Black	25	**0.8**	*0.16*	0.09	*0.02*	13	**0.3**	*0.08*	0.02	*0.01*
USA, Louisiana: White	75	**0.7**	*0.09*	0.09	*0.01*	43	**0.4**	*0.06*	0.04	*0.01*
USA, Louisiana, New Orleans: Black	10	**1.0**	*0.33*	0.10	*0.04*	5	**0.4**	*0.19*	0.03	*0.02*
USA, Louisiana, New Orleans: White	14	**0.7**	*0.19*	0.09	*0.03*	9	**0.4**	*0.14*	0.04	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nose, sinuses etc. (C30-31) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	43	**1.0**	*0.16*	0.11	*0.02*	22	**0.4**	*0.10*	0.04	*0.01*
USA, Massachusetts	112	**0.6**	*0.05*	0.06	*0.01*	96	**0.4**	*0.04*	0.04	*0.01*
USA, Michigan	183	**0.6**	*0.04*	0.07	*0.01*	137	**0.4**	*0.04*	0.04	*0.00*
USA, Michigan: Black	16	**0.5**	*0.13*	0.06	*0.02*	16	**0.3**	*0.09*	0.03	*0.01*
USA, Michigan: White	163	**0.6**	*0.05*	0.07	*0.01*	117	**0.4**	*0.04*	0.04	*0.00*
USA, Michigan, Detroit	80	**0.6**	*0.08*	0.07	*0.01*	58	**0.4**	*0.05*	0.04	*0.01*
USA, Michigan, Detroit: Black	11	**0.5**	*0.16*	0.07	*0.02*	12	**0.3**	*0.09*	0.02	*0.01*
USA, Michigan, Detroit: White	66	**0.7**	*0.09*	0.07	*0.01*	45	**0.4**	*0.07*	0.05	*0.01*
USA, Missouri	115	**0.6**	*0.06*	0.08	*0.01*	75	**0.3**	*0.04*	0.04	*0.01*
USA, Missouri: Black	7	**0.5**	*0.20*	0.06	*0.03*	5	**0.3**	*0.14*	0.04	*0.02*
USA, Missouri: White	108	**0.6**	*0.06*	0.08	*0.01*	69	**0.4**	*0.05*	0.04	*0.01*
USA, Montana	23	**0.6**	*0.14*	0.06	*0.02*	13	**0.3**	*0.09*	0.03	*0.01*
USA, NPCR	4421	**0.6**	*0.01*	0.07	*0.00*	3161	**0.4**	*0.01*	0.04	*0.00*
USA, NPCR: Black	447	**0.7**	*0.03*	0.08	*0.00*	251	**0.3**	*0.02*	0.03	*0.00*
USA, NPCR: White	3787	**0.6**	*0.01*	0.07	*0.00*	2766	**0.4**	*0.01*	0.04	*0.00*
USA, New Jersey	183	**0.7**	*0.05*	0.08	*0.01*	126	**0.4**	*0.04*	0.04	*0.00*
USA, New Jersey: Black	22	**0.8**	*0.17*	0.10	*0.02*	10	**0.2**	*0.08*	0.03	*0.01*
USA, New Jersey: White	157	**0.7**	*0.06*	0.08	*0.01*	112	**0.4**	*0.04*	0.05	*0.01*
USA, New Mexico	28	**0.5**	*0.09*	0.05	*0.01*	28	**0.4**	*0.09*	0.04	*0.01*
USA, New Mexico: American Indian	1	**0.3**	*0.25*	0.02	*0.02*	1	**0.1**	*0.13*	-	-
USA, New Mexico: Hispanic White	9	**0.5**	*0.15*	0.05	*0.02*	12	**0.6**	*0.17*	0.06	*0.02*
USA, New Mexico: Non-Hispanic White	17	**0.5**	*0.12*	0.06	*0.02*	13	**0.4**	*0.11*	0.03	*0.01*
USA, New York State	359	**0.6**	*0.03*	0.07	*0.00*	305	**0.4**	*0.02*	0.04	*0.00*
USA, New York State: Black	55	**0.8**	*0.11*	0.09	*0.01*	38	**0.4**	*0.06*	0.05	*0.01*
USA, New York State: White	287	**0.6**	*0.04*	0.07	*0.00*	250	**0.4**	*0.03*	0.04	*0.00*
USA, Ohio	231	**0.6**	*0.04*	0.07	*0.01*	165	**0.3**	*0.03*	0.03	*0.00*
USA, Ohio: Black	26	**0.9**	*0.17*	0.10	*0.02*	9	**0.2**	*0.07*	0.02	*0.01*
USA, Ohio: White	198	**0.6**	*0.04*	0.06	*0.01*	150	**0.3**	*0.03*	0.03	*0.00*
USA, Oklahoma	62	**0.6**	*0.08*	0.07	*0.01*	39	**0.2**	*0.04*	0.02	*0.01*
USA, Oregon	56	**0.5**	*0.07*	0.05	*0.01*	49	**0.3**	*0.05*	0.03	*0.01*
USA, Pennsylvania	271	**0.6**	*0.04*	0.07	*0.01*	203	**0.4**	*0.03*	0.04	*0.00*
USA, Pennsylvania: Black	20	**0.6**	*0.14*	0.06	*0.02*	11	**0.2**	*0.07*	0.02	*0.01*
USA, Pennsylvania: White	240	**0.6**	*0.04*	0.07	*0.01*	188	**0.4**	*0.03*	0.04	*0.00*
USA, Rhode Island	19	**0.6**	*0.14*	0.06	*0.02*	11	**0.2**	*0.08*	0.03	*0.01*
USA, SEER (9 Registries)	464	**0.6**	*0.03*	0.06	*0.00*	365	**0.4**	*0.02*	0.04	*0.00*
USA, SEER (9 Registries): Black	39	**0.6**	*0.10*	0.07	*0.01*	35	**0.3**	*0.06*	0.03	*0.01*
USA, SEER (9 Registries): White	383	**0.6**	*0.03*	0.06	*0.00*	300	**0.4**	*0.02*	0.04	*0.00*
USA, SEER (14 Registries)	1346	**0.6**	*0.02*	0.07	*0.00*	975	**0.4**	*0.01*	0.04	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	79	**0.5**	*0.05*	0.06	*0.01*	62	**0.3**	*0.04*	0.03	*0.01*
USA, SEER (14 Registries): Black	126	**0.7**	*0.06*	0.08	*0.01*	77	**0.3**	*0.04*	0.03	*0.00*
USA, SEER (14 Registries): Hispanic White	136	**0.6**	*0.05*	0.06	*0.01*	90	**0.3**	*0.04*	0.04	*0.01*
USA, SEER (14 Registries): Non-Hispanic White	987	**0.6**	*0.02*	0.07	*0.00*	732	**0.4**	*0.02*	0.04	*0.00*
USA, South Carolina	81	**0.7**	*0.08*	0.07	*0.01*	52	**0.3**	*0.05*	0.04	*0.01*
USA, South Carolina: Black	16	**0.6**	*0.15*	0.06	*0.02*	12	**0.3**	*0.09*	0.03	*0.01*
USA, South Carolina: White	63	**0.7**	*0.09*	0.07	*0.01*	40	**0.3**	*0.06*	0.04	*0.01*
USA, Texas	383	**0.7**	*0.03*	0.08	*0.00*	249	**0.3**	*0.02*	0.04	*0.00*
USA, Texas: Black	41	**0.8**	*0.12*	0.08	*0.02*	21	**0.3**	*0.07*	0.04	*0.01*
USA, Texas: White	335	**0.7**	*0.04*	0.08	*0.00*	220	**0.3**	*0.02*	0.03	*0.00*
USA, Utah	35	**0.6**	*0.11*	0.07	*0.01*	14	**0.2**	*0.06*	0.02	*0.01*
USA, Vermont	14	**0.7**	*0.22*	0.07	*0.03*	7	**0.2**	*0.10*	0.03	*0.02*
USA, Washington State	100	**0.5**	*0.05*	0.05	*0.01*	83	**0.4**	*0.05*	0.04	*0.01*
USA, Washington, Seattle	73	**0.5**	*0.06*	0.05	*0.01*	51	**0.4**	*0.06*	0.04	*0.01*
USA, West Virginia	35	**0.5**	*0.09*	0.06	*0.01*	38	**0.5**	*0.08*	0.05	*0.01*
USA, Wisconsin	98	**0.6**	*0.06*	0.06	*0.01*	75	**0.3**	*0.05*	0.04	*0.01*
Asia										
Bahrain: Bahraini	3	**0.4**	*0.24*	0.04	*0.02*	1	**0.2**	*0.20*	0.03	*0.03*
China, Guangzhou City	44	**0.7**	*0.11*	0.08	*0.01*	42	**0.7**	*0.12*	0.07	*0.01**
China, Hong Kong	140	**0.7**	*0.06*	0.08	*0.01*	90	**0.4**	*0.04*	0.04	*0.01*
China, Jiashan	4	**0.3**	*0.14*	0.03	*0.02*	4	**0.2**	*0.12*	0.03	*0.02**
China, Nangang District, Harbin City	10	**0.4**	*0.13*	0.03	*0.01*	6	**0.2**	*0.10*	0.04	*0.02*
China, Shanghai	128	**0.6**	*0.06*	0.06	*0.01*	100	**0.4**	*0.05*	0.05	*0.01**
China, Zhongshan	23	**0.7**	*0.15*	0.10	*0.02*	11	**0.3**	*0.10*	0.04	*0.01**
Cyprus	6	**0.3**	*0.11*	0.02	*0.01*	6	**0.2**	*0.11*	0.03	*0.02**
India, Chennai (Madras)	67	**0.7**	*0.09*	0.09	*0.01*	39	**0.4**	*0.07*	0.05	*0.01*
India, New Delhi	58	**0.2**	*0.03*	0.03	*0.00*	37	**0.2**	*0.03*	0.03	*0.01**
India, Karunagappally	1	**0.1**	*0.12*	0.02	*0.02*	3	**0.3**	*0.18*	0.05	*0.04*
India, Mumbai (Bombay)	142	**0.6**	*0.05*	0.07	*0.01*	93	**0.5**	*0.05*	0.06	*0.01*
India, Nagpur	44	**1.1**	*0.17*	0.12	*0.02*	21	**0.5**	*0.11*	0.05	*0.01**
India, Poona	66	**1.0**	*0.13*	0.12	*0.02*	38	**0.6**	*0.10*	0.07	*0.01**
India, Trivandrum	24	**0.9**	*0.18*	0.10	*0.03*	12	**0.4**	*0.11*	0.04	*0.01**
Israel	81	**0.5**	*0.06*	0.06	*0.01*	49	**0.2**	*0.03*	0.02	*0.00*
Israel: Jews	72	**0.5**	*0.06*	0.06	*0.01*	45	**0.2**	*0.04*	0.02	*0.00*
Israel: Non-Jews	5	**0.3**	*0.15*	0.03	*0.02*	1	**0.1**	*0.06*	0.01	*0.01*
Japan, Aichi Prefecture	21	**0.5**	*0.12*	0.06	*0.01*	14	**0.4**	*0.10*	0.05	*0.01*
Japan, Fukui Prefecture	24	**0.7**	*0.15*	0.07	*0.02*	18	**0.4**	*0.10*	0.05	*0.01*
Japan, Hiroshima	35	**0.9**	*0.15*	0.10	*0.02*	21	**0.5**	*0.11*	0.06	*0.01*
Japan, Miyagi Prefecture	98	**1.0**	*0.11*	0.12	*0.01*	60	**0.4**	*0.07*	0.05	*0.01*
Japan, Nagasaki Prefecture	58	**0.8**	*0.11*	0.10	*0.02*	40	**0.4**	*0.08*	0.05	*0.01*
Japan, Osaka Prefecture	254	**0.7**	*0.05*	0.08	*0.01*	153	**0.3**	*0.03*	0.03	*0.00*
Japan, Yamagata Prefecture	79	**1.3**	*0.16*	0.16	*0.02*	38	**0.4**	*0.09*	0.05	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nose, sinuses etc. (C30-31) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	612	**0.7**	*0.03*	0.08	*0.00*	363	**0.3**	*0.02*	0.04	*0.00*
Korea, Busan	59	**0.7**	*0.09*	0.10	*0.02*	29	**0.3**	*0.05*	0.03	*0.01*
Korea, Daegu	36	**0.7**	*0.13*	0.10	*0.02*	32	**0.5**	*0.09*	0.06	*0.01*
Korea, Daejeon	22	**0.7**	*0.18*	0.07	*0.02*	14	**0.4**	*0.10*	0.04	*0.01*
Korea, Gwangju	20	**0.8**	*0.18*	0.10	*0.03*	22	**0.6**	*0.14*	0.07	*0.02*
Korea, Incheon	39	**0.7**	*0.12*	0.08	*0.02*	15	**0.2**	*0.06*	0.03	*0.01*
Korea, Jejudo	4	**0.5**	*0.24*	0.06	*0.03*	2	**0.2**	*0.15*	0.02	*0.01*
Korea, Seoul	146	**0.6**	*0.06*	0.07	*0.01*	103	**0.4**	*0.04*	0.04	*0.01*
Korea, Ulsan	8	**0.4**	*0.15*	0.04	*0.02*	3	**0.2**	*0.11*	0.02	*0.01*
Kuwait: Kuwaitis	3	**0.3**	*0.17*	0.03	*0.02*	3	**0.2**	*0.13*	0.02	*0.01*
Kuwait: Non-Kuwaitis	11	**0.6**	*0.39*	0.02	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
Malaysia, Penang	9	**0.4**	*0.15*	0.04	*0.02*	11	**0.5**	*0.15*	0.07	*0.02*
Malaysia, Sarawak	15	**0.4**	*0.10*	0.04	*0.01*	13	**0.3**	*0.09*	0.02	*0.01*
Oman: Omani	6	**0.4**	*0.14*	0.04	*0.02*	3	**0.1**	*0.08*	0.01	*0.01**
Pakistan, South Karachi	17	**0.7**	*0.17*	0.07	*0.02*	7	**0.4**	*0.15*	0.05	*0.02**
Philippines, Manila	87	**1.0**	*0.12*	0.12	*0.02*	70	**0.8**	*0.10*	0.10	*0.02**
Singapore	69	**0.9**	*0.11*	0.09	*0.01*	21	**0.2**	*0.05*	0.02	*0.01*
Singapore: Chinese	60	**0.9**	*0.12*	0.11	*0.02*	21	**0.3**	*0.06*	0.03	*0.01*
Singapore: Indian	2	**0.3**	*0.19*	0.02	*0.02*	0	**-**	-	-	-
Singapore: Malay	7	**0.7**	*0.29*	0.06	*0.03*	0	**-**	-	-	-
Thailand, Chiang Mai	28	**0.7**	*0.14*	0.08	*0.02*	17	**0.4**	*0.10*	0.05	*0.01**
Thailand, Lampang	9	**0.4**	*0.13*	0.04	*0.02*	10	**0.4**	*0.13*	0.04	*0.02**
Thailand, Songkhla	25	**0.9**	*0.18*	0.10	*0.02*	7	**0.2**	*0.08*	0.02	*0.01*
Turkey, Antalya	19	**0.6**	*0.14*	0.08	*0.02*	4	**0.1**	*0.07*	0.02	*0.01**
Turkey, Izmir	41	**0.5**	*0.08*	0.06	*0.01*	20	**0.2**	*0.05*	0.03	*0.01**
Europe										
Austria	140	**0.5**	*0.04*	0.06	*0.01*	80	**0.2**	*0.03*	0.03	*0.00*
Austria, Tyrol	21	**0.9**	*0.20*	0.09	*0.02*	11	**0.4**	*0.13*	0.04	*0.01*
Austria, Vorarlberg	10	**0.9**	*0.29*	0.10	*0.04*	6	**0.4**	*0.19*	0.07	*0.03*
Belarus	201	**0.7**	*0.05*	0.08	*0.01*	124	**0.3**	*0.03*	0.03	*0.00**
Belgium, Antwerp	48	**0.7**	*0.11*	0.07	*0.01*	13	**0.1**	*0.04*	0.01	*0.00**
Belgium, Flanders	205	**1.1**	*0.08*	0.14	*0.01*	59	**0.3**	*0.04*	0.03	*0.00*
Bulgaria	137	**0.5**	*0.04*	0.05	*0.00*	84	**0.2**	*0.03*	0.02	*0.00**
Croatia	141	**0.9**	*0.08*	0.10	*0.01*	96	**0.4**	*0.05*	0.05	*0.01*
Czech Republic	192	**0.5**	*0.04*	0.06	*0.01*	115	**0.2**	*0.03*	0.02	*0.00*
Denmark	184	**0.9**	*0.07*	0.11	*0.01*	134	**0.5**	*0.05*	0.06	*0.01*
Estonia	38	**0.9**	*0.15*	0.10	*0.02*	28	**0.4**	*0.07*	0.04	*0.01*
Finland	91	**0.5**	*0.05*	0.05	*0.01*	81	**0.3**	*0.04*	0.03	*0.00*
France, Bas-Rhin	42	**1.2**	*0.20*	0.14	*0.03*	14	**0.3**	*0.09*	0.03	*0.01*
France, Calvados	20	**0.9**	*0.21*	0.13	*0.03*	10	**0.3**	*0.11*	0.04	*0.02*
France, Doubs	16	**0.9**	*0.24*	0.11	*0.03*	3	**0.1**	*0.07*	0.03	*0.02*
France, Haut-Rhin	25	**1.0**	*0.19*	0.16	*0.03*	5	**0.2**	*0.08*	0.02	*0.01*
France, Herault	29	**0.8**	*0.15*	0.08	*0.02*	14	**0.4**	*0.11*	0.05	*0.01*
France, Isere	42	**1.1**	*0.17*	0.14	*0.03*	18	**0.3**	*0.09*	0.04	*0.01*
France, Loire-Atlantique	61	**1.6**	*0.21*	0.21	*0.03*	12	**0.2**	*0.07*	0.02	*0.01*
France, Manche	23	**1.2**	*0.26*	0.14	*0.03*	8	**0.4**	*0.14*	0.04	*0.02*
France, Somme	24	**1.1**	*0.25*	0.13	*0.03*	5	**0.2**	*0.09*	0.02	*0.01*
France, Tarn	13	**0.9**	*0.30*	0.12	*0.04*	5	**0.4**	*0.18*	0.05	*0.02*
France, Vendee	36	**1.6**	*0.27*	0.22	*0.04*	5	**0.1**	*0.06*	0.02	*0.01*
Germany, Brandenburg	51	**0.5**	*0.07*	0.07	*0.01*	37	**0.2**	*0.04*	0.03	*0.01*
Germany, Free State of Saxony	90	**0.5**	*0.05*	0.06	*0.01*	61	**0.2**	*0.03*	0.02	*0.00*
Germany, Hamburg	42	**0.6**	*0.09*	0.07	*0.01*	21	**0.2**	*0.05*	0.03	*0.01*
Germany, Mecklenburg-Western Pomerania	30	**0.5**	*0.08*	0.05	*0.01*	28	**0.3**	*0.06*	0.03	*0.01*
Germany, Munich	48	**0.5**	*0.08*	0.06	*0.01*	32	**0.2**	*0.05*	0.03	*0.01*
Germany, Northrhine-Westphalia: Munster	50	**0.5**	*0.07*	0.06	*0.01*	40	**0.3**	*0.06*	0.04	*0.01*
Germany, Saarland	27	**0.6**	*0.11*	0.07	*0.02*	13	**0.3**	*0.09*	0.03	*0.01*
Iceland	10	**1.0**	*0.35*	0.08	*0.04*	5	**0.6**	*0.28*	0.05	*0.03*
Ireland	55	**0.5**	*0.07*	0.05	*0.01*	55	**0.4**	*0.05*	0.04	*0.01*
Italy, Biella Province	13	**1.4**	*0.39*	0.20	*0.06*	1	**0.2**	*0.19*	0.02	*0.02*
Italy, Brescia Province	16	**0.6**	*0.16*	0.07	*0.02*	6	**0.2**	*0.08*	0.02	*0.01*
Italy, Ferrara Province	11	**0.5**	*0.17*	0.05	*0.02*	6	**0.3**	*0.14*	0.03	*0.02*
Italy, Florence and Prato	44	**0.8**	*0.13*	0.09	*0.02*	6	**0.1**	*0.03*	0.01	*0.00*
Italy, Genoa Province	20	**0.6**	*0.15*	0.07	*0.02*	12	**0.2**	*0.09*	0.03	*0.01*
Italy, Macerata Province	7	**0.8**	*0.34*	0.12	*0.05*	3	**0.2**	*0.15*	0.03	*0.02*
Italy, Milan	23	**0.5**	*0.10*	0.06	*0.01*	11	**0.1**	*0.04*	0.01	*0.01*
Italy, Modena Province	17	**0.5**	*0.14*	0.05	*0.02*	4	**0.1**	*0.06*	0.02	*0.01*
Italy, Naples	6	**0.4**	*0.16*	0.05	*0.02*	8	**0.5**	*0.17*	0.06	*0.02*
Italy, North East Cancer Surveillance Network	71	**0.9**	*0.11*	0.10	*0.01*	31	**0.2**	*0.05*	0.02	*0.01*
Italy, Parma Province	18	**1.1**	*0.27*	0.12	*0.03*	7	**0.1**	*0.06*	0.02	*0.01*
Italy, Ragusa Province	8	**0.6**	*0.22*	0.07	*0.03*	4	**0.4**	*0.20*	0.05	*0.02*
Italy, Reggio Emilia Province	5	**0.2**	*0.11*	0.02	*0.01*	5	**0.2**	*0.11*	0.03	*0.01*
Italy, Romagna Region	30	**0.6**	*0.12*	0.06	*0.01*	16	**0.3**	*0.08*	0.03	*0.01*
Italy, Salerno Province	17	**0.5**	*0.12*	0.05	*0.02*	8	**0.2**	*0.09*	0.02	*0.01*
Italy, Sassari Province	6	**0.4**	*0.20*	0.05	*0.02*	4	**0.1**	*0.08*	0.02	*0.01*
Italy, Syracuse Province	4	**0.3**	*0.17*	0.05	*0.03*	2	**0.2**	*0.12*	0.02	*0.02*
Italy, Sondrio	7	**1.0**	*0.39*	0.13	*0.05*	1	**0.1**	*0.12*	0.02	*0.02*
Italy, Torino	27	**0.7**	*0.16*	0.07	*0.02*	11	**0.2**	*0.07*	0.02	*0.01*
Italy, Umbria Region	32	**0.9**	*0.20*	0.11	*0.02*	15	**0.3**	*0.09*	0.03	*0.01*
Italy, Varese Province	20	**1.0**	*0.23*	0.13	*0.03*	8	**0.3**	*0.13*	0.03	*0.01*
Italy, Veneto Region	54	**0.9**	*0.14*	0.10	*0.02*	32	**0.3**	*0.07*	0.04	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Nose, sinuses etc. (C30-31) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	74	**1.0**	*0.12*	0.12	*0.02*	40	**0.3**	*0.06*	0.04	*0.01*
Lithuania	90	**0.9**	*0.09*	0.10	*0.01*	65	**0.4**	*0.06*	0.05	*0.01*
Malta	6	**0.4**	*0.18*	0.02	*0.01*	0	**-**	-	-	-
Norway	128	**0.8**	*0.07*	0.09	*0.01*	73	**0.4**	*0.05*	0.04	*0.01*
Poland, Cracow	12	**0.5**	*0.15*	0.06	*0.02*	8	**0.2**	*0.08*	0.03	*0.01**
Poland, Kielce	22	**0.6**	*0.13*	0.07	*0.02*	14	**0.3**	*0.08*	0.04	*0.01*
Poland, Warsaw City	35	**0.6**	*0.11*	0.08	*0.01*	20	**0.2**	*0.05*	0.03	*0.01*
Portugal, Porto	63	**0.6**	*0.08*	0.07	*0.01*	28	**0.2**	*0.04*	0.02	*0.01**
Portugal, South Regional	60	**0.6**	*0.07*	0.06	*0.01*	38	**0.3**	*0.05*	0.03	*0.01*
Russia, St Petersburg	70	**0.5**	*0.06*	0.06	*0.01*	68	**0.3**	*0.05*	0.03	*0.00*
Serbia	115	**0.6**	*0.06*	0.07	*0.01*	80	**0.4**	*0.04*	0.04	*0.01*
Slovak Republic	98	**0.6**	*0.06*	0.07	*0.01*	56	**0.3**	*0.04*	0.03	*0.00*
Slovenia	60	**0.9**	*0.12*	0.11	*0.02*	32	**0.3**	*0.06*	0.04	*0.01*
Spain, Albacete	2	**0.2**	*0.13*	0.02	*0.02*	2	**0.1**	*0.11*	0.01	*0.01*
Spain, Asturias	70	**1.7**	*0.22*	0.21	*0.03*	21	**0.4**	*0.13*	0.05	*0.01*
Spain, Basque Country	58	**0.9**	*0.12*	0.11	*0.02*	21	**0.3**	*0.09*	0.03	*0.01*
Spain, Canary Islands	35	**0.8**	*0.14*	0.08	*0.02*	15	**0.3**	*0.07*	0.03	*0.01*
Spain, Cuenca	4	**0.3**	*0.18*	0.05	*0.03*	3	**0.3**	*0.25*	0.02	*0.02*
Spain, Girona	10	**0.4**	*0.14*	0.03	*0.01*	4	**0.1**	*0.08*	0.01	*0.01*
Spain, Granada	15	**0.6**	*0.15*	0.07	*0.02*	5	**0.2**	*0.09*	0.02	*0.01*
Spain, Murcia	13	**0.3**	*0.09*	0.04	*0.01*	6	**0.1**	*0.06*	0.01	*0.01*
Spain, Navarra	17	**0.7**	*0.19*	0.09	*0.03*	5	**0.3**	*0.19*	0.02	*0.01*
Spain, Tarragona	11	**0.5**	*0.17*	0.08	*0.03*	6	**0.3**	*0.13*	0.03	*0.02*
Spain, Zaragoza	31	**1.0**	*0.22*	0.10	*0.02*	10	**0.2**	*0.09*	0.02	*0.01*
Sweden	162	**0.4**	*0.04*	0.05	*0.00*	128	**0.3**	*0.03*	0.03	*0.00*
Switzerland, Geneva	14	**0.8**	*0.23*	0.08	*0.03*	9	**0.5**	*0.17*	0.06	*0.02*
Switzerland, Graubunden and Glarus	8	**1.5**	*0.58*	0.14	*0.05*	3	**0.1**	*0.06*	-	-
Switzerland, Neuchatel	2	**0.2**	*0.12*	-	-	3	**0.4**	*0.24*	0.04	*0.03*
Switzerland, St Gall-Appenzell	13	**0.7**	*0.21*	0.07	*0.02*	3	**0.1**	*0.08*	0.03	*0.02*
Switzerland, Ticino	12	**0.9**	*0.26*	0.10	*0.04*	3	**0.1**	*0.11*	0.01	*0.01*
Switzerland, Valais	9	**0.9**	*0.31*	0.10	*0.04*	4	**0.4**	*0.18*	0.06	*0.03*
Switzerland, Vaud	26	**1.2**	*0.24*	0.18	*0.04*	15	**0.5**	*0.15*	0.07	*0.02*
The Netherlands	463	**0.8**	*0.04*	0.10	*0.01*	223	**0.3**	*0.02*	0.03	*0.00*
The Netherlands, Eindhoven	27	**0.7**	*0.13*	0.07	*0.02*	13	**0.3**	*0.09*	0.03	*0.01*
The Netherlands, Maastricht	25	**0.8**	*0.16*	0.09	*0.02*	13	**0.3**	*0.10*	0.03	*0.01*
UK, East of England Region	59	**0.5**	*0.08*	0.05	*0.01*	42	**0.3**	*0.06*	0.04	*0.01*
UK, England, Merseyside and Cheshire	31	**0.3**	*0.07*	0.04	*0.01*	42	**0.4**	*0.07*	0.03	*0.01*
UK, England, North Western	87	**0.6**	*0.07*	0.07	*0.01*	64	**0.3**	*0.05*	0.03	*0.01*
UK, England, Northern and Yorkshire	141	**0.6**	*0.05*	0.06	*0.01*	102	**0.3**	*0.04*	0.04	*0.00*
UK, England, Oxford Region	60	**0.6**	*0.08*	0.05	*0.01*	39	**0.3**	*0.06*	0.03	*0.01*
UK, England, South and Western Regions	155	**0.5**	*0.05*	0.06	*0.01*	123	**0.4**	*0.04*	0.04	*0.00*
UK, England, Thames	255	**0.5**	*0.03*	0.06	*0.00*	191	**0.3**	*0.02*	0.03	*0.00*
UK, England, Trent	89	**0.4**	*0.05*	0.05	*0.01*	55	**0.2**	*0.03*	0.02	*0.00*
UK, England, West Midlands	81	**0.4**	*0.05*	0.04	*0.01*	67	**0.3**	*0.04*	0.03	*0.00*
UK, Northern Ireland	42	**0.7**	*0.11*	0.07	*0.01*	27	**0.3**	*0.07*	0.04	*0.01*
UK, Scotland	102	**0.5**	*0.06*	0.06	*0.01*	88	**0.3**	*0.04*	0.04	*0.01*
Oceania										
Australia, New South Wales	159	**0.7**	*0.06*	0.09	*0.01*	81	**0.3**	*0.04*	0.04	*0.01*
Australia, Northern Territory	2	**0.6**	*0.41*	0.11	*0.09*	0	**-**	-	-	-
Australia, Queensland	59	**0.5**	*0.07*	0.06	*0.01*	32	**0.2**	*0.05*	0.02	*0.01*
Australia, South	35	**0.7**	*0.12*	0.07	*0.01*	12	**0.2**	*0.06*	0.02	*0.01*
Australia, Tasmania	21	**1.2**	*0.28*	0.15	*0.04*	5	**0.3**	*0.15*	0.03	*0.01*
Australia, Victoria	106	**0.7**	*0.07*	0.08	*0.01*	67	**0.3**	*0.05*	0.03	*0.01*
Australia, Western	41	**0.7**	*0.10*	0.06	*0.01*	17	**0.2**	*0.06*	0.02	*0.01*
Australian Capital Territory	7	**0.9**	*0.33*	0.13	*0.06*	2	**0.2**	*0.16*	0.02	*0.02*
French Polynesia	2	**0.3**	*0.19*	0.02	*0.02*	0	**-**	-	-	-
New Zealand	47	**0.4**	*0.06*	0.04	*0.01*	48	**0.4**	*0.05*	0.04	*0.01*
USA, Hawaii	22	**0.5**	*0.11*	0.05	*0.01*	18	**0.4**	*0.10*	0.04	*0.01*
USA, Hawaii: Chinese	1	**0.1**	*0.13*	-	-	1	**0.3**	*0.31*	0.05	*0.05*
USA, Hawaii: Filipino	5	**0.8**	*0.39*	0.08	*0.04*	1	**0.1**	*0.15*	0.01	*0.01*
USA, Hawaii: Hawaiian	2	**0.4**	*0.31*	0.06	*0.05*	2	**0.4**	*0.25*	0.06	*0.05*
USA, Hawaii: Japanese	5	**0.4**	*0.22*	0.04	*0.03*	5	**0.5**	*0.37*	0.03	*0.02*
USA, Hawaii: White	8	**0.7**	*0.26*	0.07	*0.03*	7	**0.5**	*0.19*	0.05	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Larynx (C32)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	53	**2.8**	*0.40*	-	-	3	**0.1**	*0.09*	-	- *
Egypt, Gharbiah	162	**4.2**	*0.34*	-	-	14	**0.3**	*0.07*	-	-
Tunisia, Centre, Sousse	51	**5.7**	*0.81*	-	-	2	**0.2**	*0.16*	-	- *
Uganda, Kyadondo County	14	**1.4**	*0.43*	-	-	6	**0.3**	*0.18*	-	- *
Zimbabwe, Harare: African	55	**4.2**	*0.63*	-	-	8	**0.9**	*0.33*	-	- *
America, Central and South										
Argentina, Bahia Blanca	70	**8.8**	*1.10*	1.14	*0.15*	5	**0.6**	*0.26*	0.07	*0.03*
Brazil, Brasilia	184	**9.2**	*0.72*	1.19	*0.11*	56	**2.1**	*0.29*	0.25	*0.04*
Brazil, Cuiaba	57	**8.9**	*1.22*	1.01	*0.17*	9	**1.4**	*0.48*	0.22	*0.08*
Brazil, Goiania	108	**7.8**	*0.76*	0.91	*0.11*	16	**0.9**	*0.23*	0.09	*0.03*
Brazil, Sao Paulo	2542	**12.8**	*0.26*	1.64	*0.04*	486	**1.8**	*0.09*	0.22	*0.01*
Chile, Valdivia	10	**1.2**	*0.38*	0.16	*0.06*	1	**0.1**	*0.06*	-	-
Colombia, Cali	181	**5.4**	*0.41*	0.64	*0.06*	47	**1.1**	*0.17*	0.15	*0.03*
Costa Rica	233	**3.3**	*0.22*	0.41	*0.03*	14	**0.2**	*0.05*	0.02	*0.01*
Ecuador, Quito	40	**1.5**	*0.25*	0.18	*0.04*	7	**0.2**	*0.08*	0.02	*0.01*
France, La Martinique	59	**5.0**	*0.67*	0.62	*0.10*	11	**0.9**	*0.28*	0.11	*0.04*
Peru, Trujillo	17	**2.0**	*0.48*	0.21	*0.07*	6	**0.6**	*0.23*	0.07	*0.03**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	3092	**3.9**	*0.07*	0.50	*0.01*	615	**0.7**	*0.03*	0.09	*0.00*
Canada, Alberta	291	**3.3**	*0.20*	0.42	*0.03*	76	**0.8**	*0.09*	0.11	*0.01*
Canada, British Columbia	497	**3.4**	*0.16*	0.43	*0.02*	88	**0.5**	*0.06*	0.07	*0.01*
Canada, Manitoba	140	**3.6**	*0.32*	0.47	*0.05*	27	**0.7**	*0.14*	0.09	*0.02*
Canada, New Brunswick	134	**5.1**	*0.45*	0.63	*0.07*	36	**1.3**	*0.23*	0.18	*0.03*
Canada, Newfoundland and Labrador	106	**5.8**	*0.57*	0.76	*0.09*	17	**0.9**	*0.22*	0.11	*0.03*
Canada, Northwest Territories	4	**5.5**	*2.83*	0.55	*0.32*	1	**1.9**	*1.88*	0.47	*0.47*
Canada, Nova Scotia	164	**4.7**	*0.38*	0.57	*0.06*	31	**1.0**	*0.18*	0.13	*0.02*
Canada, Ontario	1577	**4.0**	*0.10*	0.52	*0.02*	300	**0.7**	*0.04*	0.09	*0.01*
Canada, Prince Edward Island	38	**7.9**	*1.32*	1.03	*0.20*	6	**1.1**	*0.52*	0.12	*0.06*
Canada, Saskatchewan	141	**3.8**	*0.34*	0.50	*0.05*	33	**0.8**	*0.15*	0.10	*0.02*
USA, Alabama	947	**6.7**	*0.22*	0.86	*0.03*	225	**1.4**	*0.10*	0.17	*0.01*
USA, Alabama: Black	240	**9.3**	*0.62*	1.18	*0.09*	46	**1.4**	*0.21*	0.18	*0.03*
USA, Alabama: White	696	**6.0**	*0.23*	0.78	*0.03*	176	**1.4**	*0.11*	0.17	*0.01*
USA, Alaska	51	**3.3**	*0.49*	0.46	*0.08*	18	**1.2**	*0.29*	0.15	*0.04*
USA, Arizona	719	**4.3**	*0.17*	0.57	*0.02*	170	**0.9**	*0.07*	0.11	*0.01*
USA, California	3868	**4.0**	*0.07*	0.51	*0.01*	967	**0.9**	*0.03*	0.12	*0.00*
USA, California: Asian and Pacific Islander	192	**1.7**	*0.12*	0.21	*0.02*	27	**0.2**	*0.04*	0.03	*0.01*
USA, California: Black	392	**7.1**	*0.37*	0.93	*0.06*	101	**1.5**	*0.15*	0.20	*0.02*
USA, California: Hispanic White	513	**3.5**	*0.16*	0.44	*0.02*	78	**0.4**	*0.05*	0.06	*0.01*
USA, California: Non-Hispanic White	2724	**4.2**	*0.09*	0.54	*0.01*	750	**1.1**	*0.04*	0.14	*0.01*
USA, California, Greater San Francisco Bay Area	722	**3.7**	*0.14*	0.48	*0.02*	167	**0.7**	*0.06*	0.10	*0.01*
USA, California, Greater San Francisco Bay Area: Black	88	**6.9**	*0.76*	0.90	*0.12*	23	**1.5**	*0.33*	0.20	*0.05*
USA, California, Greater San Francisco Bay Area: Chinese	36	**2.1**	*0.36*	0.27	*0.06*	7	**0.4**	*0.16*	0.07	*0.03*
USA, California, Greater San Francisco Bay Area: Filipino	11	**1.5**	*0.46*	0.25	*0.08*	4	**0.4**	*0.18*	0.05	*0.03*
USA, California, Greater San Francisco Bay Area: Japanese	5	**1.6**	*0.78*	0.24	*0.12*	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	75	**3.8**	*0.45*	0.50	*0.07*	14	**0.5**	*0.15*	0.08	*0.03*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	476	**3.8**	*0.18*	0.49	*0.03*	118	**0.8**	*0.08*	0.11	*0.01*
USA, California, Los Angeles County	1041	**4.2**	*0.13*	0.54	*0.02*	245	**0.8**	*0.06*	0.11	*0.01*
USA, California, Los Angeles County: Black	196	**8.0**	*0.58*	1.05	*0.09*	44	**1.4**	*0.22*	0.19	*0.03*
USA, California, Los Angeles County: Chinese	19	**1.4**	*0.33*	0.14	*0.05*	1	**0.1**	*0.07*	0.01	*0.01*
USA, California, Los Angeles County: Filipino	15	**1.9**	*0.51*	0.27	*0.09*	1	**0.1**	*0.09*	0.02	*0.02*
USA, California, Los Angeles County: Japanese	6	**1.0**	*0.48*	0.13	*0.06*	2	**0.2**	*0.17*	0.03	*0.03*
USA, California, Los Angeles County: Korean	13	**2.3**	*0.66*	0.27	*0.09*	1	**0.1**	*0.10*	-	-
USA, California, Los Angeles County: Hispanic White	200	**3.6**	*0.26*	0.50	*0.04*	29	**0.4**	*0.07*	0.05	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	575	**4.5**	*0.20*	0.58	*0.03*	164	**1.1**	*0.10*	0.16	*0.01*
USA, Colorado	470	**3.9**	*0.18*	0.53	*0.03*	136	**1.0**	*0.09*	0.14	*0.01*
USA, Connecticut	631	**5.4**	*0.23*	0.69	*0.03*	180	**1.3**	*0.11*	0.17	*0.02*
USA, Connecticut: Black	70	**10.1**	*1.23*	1.28	*0.18*	16	**1.7**	*0.45*	0.20	*0.06*
USA, Connecticut: White	550	**5.1**	*0.23*	0.64	*0.03*	162	**1.3**	*0.11*	0.17	*0.02*
USA, District of Columbia	151	**9.3**	*0.78*	1.19	*0.11*	32	**1.5**	*0.28*	0.19	*0.04*
USA, District of Columbia: Black	128	**12.7**	*1.15*	1.54	*0.15*	23	**1.7**	*0.37*	0.22	*0.05*
USA, District of Columbia: White	20	**3.7**	*0.84*	0.59	*0.15*	9	**1.3**	*0.48*	0.18	*0.08*
USA, Florida	4264	**6.8**	*0.11*	0.85	*0.02*	1052	**1.5**	*0.05*	0.19	*0.01*
USA, Florida: Black	417	**8.2**	*0.41*	1.06	*0.06*	96	**1.5**	*0.15*	0.19	*0.02*
USA, Florida: White	3786	**6.6**	*0.12*	0.83	*0.02*	943	**1.5**	*0.05*	0.19	*0.01*
USA, Georgia	1483	**6.8**	*0.18*	0.88	*0.03*	346	**1.4**	*0.08*	0.18	*0.01*
USA, Georgia: Black	396	**9.1**	*0.47*	1.09	*0.07*	91	**1.6**	*0.17*	0.22	*0.03*
USA, Georgia: White	1076	**6.3**	*0.20*	0.83	*0.03*	253	**1.3**	*0.09*	0.18	*0.01*
USA, Georgia, Atlanta	336	**5.1**	*0.29*	0.65	*0.04*	86	**1.1**	*0.13*	0.15	*0.02*
USA, Georgia, Atlanta: Black	120	**6.9**	*0.67*	0.81	*0.09*	37	**1.8**	*0.30*	0.24	*0.05*
USA, Georgia, Atlanta: White	212	**4.6**	*0.33*	0.61	*0.05*	49	**0.9**	*0.14*	0.12	*0.02*
USA, Idaho	172	**4.1**	*0.32*	0.53	*0.05*	37	**0.9**	*0.16*	0.11	*0.02*
USA, Illinois	2323	**6.2**	*0.13*	0.79	*0.02*	538	**1.2**	*0.06*	0.16	*0.01*
USA, Illinois: Black	421	**10.0**	*0.50*	1.26	*0.07*	118	**2.1**	*0.20*	0.26	*0.03*
USA, Illinois: White	1861	**5.7**	*0.14*	0.73	*0.02*	406	**1.1**	*0.06*	0.15	*0.01*
USA, Indiana	1107	**5.9**	*0.18*	0.76	*0.03*	328	**1.5**	*0.09*	0.20	*0.01*
USA, Iowa	530	**5.4**	*0.24*	0.69	*0.03*	137	**1.2**	*0.11*	0.16	*0.02*
USA, Kentucky	995	**7.9**	*0.25*	1.01	*0.04*	288	**2.0**	*0.12*	0.26	*0.02*
USA, Louisiana	1022	**7.8**	*0.25*	1.00	*0.04*	267	**1.7**	*0.11*	0.21	*0.01*
USA, Louisiana: Black	339	**11.0**	*0.61*	1.40	*0.09*	74	**1.8**	*0.21*	0.23	*0.03*
USA, Louisiana: White	680	**6.9**	*0.27*	0.88	*0.04*	191	**1.7**	*0.13*	0.21	*0.02*
USA, Louisiana, New Orleans: Black	113	**12.2**	*1.18*	1.58	*0.18*	25	**1.9**	*0.39*	0.24	*0.05*
USA, Louisiana, New Orleans: White	147	**7.6**	*0.65*	0.98	*0.09*	41	**1.7**	*0.29*	0.22	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Larynx (C32) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	244	**5.3**	*0.35*	0.67	*0.05*	76	**1.5**	*0.19*	0.21	*0.03*
USA, Massachusetts	1122	**5.4**	*0.17*	0.69	*0.02*	315	**1.3**	*0.08*	0.17	*0.01*
USA, Michigan	1744	**5.6**	*0.14*	0.71	*0.02*	508	**1.4**	*0.07*	0.18	*0.01*
USA, Michigan: Black	312	**9.7**	*0.56*	1.23	*0.08*	95	**2.2**	*0.23*	0.28	*0.03*
USA, Michigan: White	1411	**5.1**	*0.14*	0.65	*0.02*	408	**1.3**	*0.07*	0.17	*0.01*
USA, Michigan, Detroit	787	**6.5**	*0.24*	0.83	*0.03*	247	**1.7**	*0.12*	0.21	*0.02*
USA, Michigan, Detroit: Black	243	**10.2**	*0.67*	1.31	*0.10*	75	**2.3**	*0.28*	0.30	*0.04*
USA, Michigan, Detroit: White	535	**5.6**	*0.25*	0.72	*0.04*	171	**1.6**	*0.13*	0.20	*0.02*
USA, Missouri	1163	**6.3**	*0.19*	0.79	*0.03*	272	**1.3**	*0.08*	0.17	*0.01*
USA, Missouri: Black	130	**9.5**	*0.85*	1.25	*0.13*	41	**2.2**	*0.35*	0.27	*0.05*
USA, Missouri: White	1027	**6.1**	*0.20*	0.76	*0.03*	228	**1.2**	*0.09*	0.16	*0.01*
USA, Montana	145	**4.5**	*0.39*	0.58	*0.06*	37	**1.1**	*0.18*	0.17	*0.03*
USA, NPCR	39169	**5.6**	*0.03*	0.72	*0.00*	10149	**1.3**	*0.01*	0.16	*0.00*
USA, NPCR: Black	5208	**8.7**	*0.12*	1.11	*0.02*	1407	**1.8**	*0.05*	0.23	*0.01*
USA, NPCR: White	33037	**5.4**	*0.03*	0.69	*0.00*	8548	**1.2**	*0.01*	0.16	*0.00*
USA, New Jersey	1522	**5.5**	*0.15*	0.71	*0.02*	414	**1.3**	*0.07*	0.17	*0.01*
USA, New Jersey: Black	242	**8.9**	*0.58*	1.13	*0.08*	65	**1.7**	*0.22*	0.21	*0.03*
USA, New Jersey: White	1246	**5.3**	*0.16*	0.67	*0.02*	345	**1.3**	*0.07*	0.17	*0.01*
USA, New Mexico	228	**3.9**	*0.27*	0.53	*0.04*	68	**1.0**	*0.13*	0.14	*0.02*
USA, New Mexico: American Indian	4	**1.3**	*0.67*	0.21	*0.12*	1	**0.2**	*0.22*	0.02	*0.02*
USA, New Mexico: Hispanic White	70	**3.8**	*0.47*	0.54	*0.08*	9	**0.4**	*0.15*	0.05	*0.02*
USA, New Mexico: Non-Hispanic White	148	**4.2**	*0.36*	0.56	*0.05*	56	**1.4**	*0.20*	0.19	*0.03*
USA, New York State	3308	**5.5**	*0.10*	0.70	*0.01*	996	**1.4**	*0.05*	0.17	*0.01*
USA, New York State: Black	459	**7.0**	*0.33*	0.90	*0.05*	172	**1.8**	*0.14*	0.21	*0.02*
USA, New York State: White	2778	**5.5**	*0.11*	0.70	*0.02*	817	**1.3**	*0.05*	0.17	*0.01*
USA, Ohio	2089	**5.7**	*0.13*	0.74	*0.02*	559	**1.3**	*0.06*	0.17	*0.01*
USA, Ohio: Black	260	**8.3**	*0.52*	1.04	*0.08*	85	**2.1**	*0.23*	0.27	*0.03*
USA, Ohio: White	1778	**5.4**	*0.13*	0.70	*0.02*	462	**1.2**	*0.06*	0.15	*0.01*
USA, Oklahoma	664	**5.8**	*0.23*	0.75	*0.03*	184	**1.4**	*0.11*	0.18	*0.02*
USA, Oregon	451	**3.9**	*0.19*	0.51	*0.03*	117	**1.0**	*0.09*	0.13	*0.01*
USA, Pennsylvania	2577	**5.8**	*0.12*	0.76	*0.02*	665	**1.3**	*0.05*	0.16	*0.01*
USA, Pennsylvania: Black	283	**9.4**	*0.57*	1.24	*0.09*	107	**2.7**	*0.27*	0.37	*0.04*
USA, Pennsylvania: White	2254	**5.6**	*0.12*	0.73	*0.02*	549	**1.2**	*0.05*	0.15	*0.01*
USA, Rhode Island	202	**5.8**	*0.43*	0.71	*0.06*	57	**1.1**	*0.17*	0.14	*0.02*
USA, SEER (9 Registries)	3811	**4.7**	*0.08*	0.61	*0.01*	1013	**1.1**	*0.04*	0.14	*0.01*
USA, SEER (9 Registries): Black	544	**8.4**	*0.37*	1.07	*0.06*	165	**2.0**	*0.16*	0.25	*0.02*
USA, SEER (9 Registries): White	3062	**4.6**	*0.09*	0.60	*0.01*	813	**1.1**	*0.04*	0.14	*0.01*
USA, SEER (14 Registries)	10735	**4.9**	*0.05*	0.63	*0.01*	2848	**1.1**	*0.02*	0.15	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	328	**1.9**	*0.11*	0.24	*0.02*	53	**0.3**	*0.04*	0.04	*0.01*
USA, SEER (14 Registries): Black	1512	**8.6**	*0.23*	1.11	*0.03*	403	**1.8**	*0.09*	0.23	*0.01*
USA, SEER (14 Registries): Hispanic White	742	**3.7**	*0.14*	0.48	*0.02*	129	**0.5**	*0.05*	0.07	*0.01*
USA, SEER (14 Registries): Non-Hispanic White	8052	**4.9**	*0.06*	0.64	*0.01*	2243	**1.2**	*0.03*	0.16	*0.00*
USA, South Carolina	911	**7.2**	*0.24*	0.90	*0.03*	204	**1.4**	*0.10*	0.18	*0.01*
USA, South Carolina: Black	281	**10.4**	*0.63*	1.33	*0.09*	50	**1.4**	*0.20*	0.17	*0.03*
USA, South Carolina: White	624	**6.3**	*0.26*	0.78	*0.04*	152	**1.4**	*0.12*	0.18	*0.02*
USA, Texas	3200	**5.7**	*0.10*	0.72	*0.02*	739	**1.1**	*0.04*	0.14	*0.01*
USA, Texas: Black	486	**9.9**	*0.46*	1.25	*0.07*	107	**1.7**	*0.17*	0.22	*0.02*
USA, Texas: White	2669	**5.3**	*0.11*	0.68	*0.02*	623	**1.1**	*0.05*	0.14	*0.01*
USA, Utah	126	**2.4**	*0.22*	0.31	*0.03*	37	**0.7**	*0.11*	0.09	*0.02*
USA, Vermont	103	**5.1**	*0.52*	0.63	*0.07*	36	**1.5**	*0.28*	0.18	*0.04*
USA, Washington State	729	**4.0**	*0.15*	0.54	*0.02*	191	**0.9**	*0.07*	0.13	*0.01*
USA, Washington, Seattle	472	**3.8**	*0.18*	0.51	*0.03*	121	**0.8**	*0.08*	0.11	*0.01*
USA, West Virginia	488	**7.3**	*0.34*	0.93	*0.05*	129	**1.7**	*0.16*	0.22	*0.02*
USA, Wisconsin	874	**5.0**	*0.18*	0.66	*0.03*	235	**1.2**	*0.08*	0.16	*0.01*
Asia										
Bahrain: Bahraini	25	**4.7**	*0.94*	0.77	*0.18*	4	**0.7**	*0.36*	0.11	*0.06*
China, Guangzhou City	273	**4.9**	*0.30*	0.63	*0.05*	22	**0.3**	*0.07*	0.04	*0.01**
China, Hong Kong	958	**4.4**	*0.15*	0.56	*0.02*	78	**0.3**	*0.04*	0.03	*0.00*
China, Jiashan	14	**1.1**	*0.29*	0.17	*0.05*	2	**0.2**	*0.11*	0.03	*0.02**
China, Nangang District, Harbin City	90	**3.8**	*0.41*	0.47	*0.06*	17	**0.7**	*0.17*	0.11	*0.03*
China, Shanghai	679	**2.8**	*0.11*	0.36	*0.02*	80	**0.2**	*0.03*	0.03	*0.00**
China, Zhongshan	156	**5.1**	*0.41*	0.70	*0.06*	9	**0.3**	*0.10*	0.04	*0.01**
Cyprus	71	**3.2**	*0.39*	0.44	*0.06*	8	**0.3**	*0.11*	0.03	*0.01**
India, Chennai (Madras)	419	**4.7**	*0.23*	0.56	*0.03*	47	**0.5**	*0.08*	0.06	*0.01*
India, New Delhi	1546	**8.0**	*0.21*	1.01	*0.03*	185	**1.1**	*0.08*	0.14	*0.01**
India, Karunagappally	44	**5.3**	*0.82*	0.76	*0.13*	1	**0.1**	*0.12*	0.01	*0.01*
India, Mumbai (Bombay)	1341	**6.5**	*0.18*	0.81	*0.03*	170	**0.8**	*0.06*	0.10	*0.01*
India, Nagpur	313	**8.5**	*0.49*	1.08	*0.07*	54	**1.4**	*0.19*	0.17	*0.03**
India, Poona	370	**6.2**	*0.33*	0.82	*0.05*	65	**1.1**	*0.13*	0.12	*0.02**
India, Trivandrum	133	**5.1**	*0.44*	0.65	*0.07*	7	**0.2**	*0.09*	0.03	*0.02**
Israel	766	**4.9**	*0.18*	0.63	*0.03*	127	**0.7**	*0.06*	0.08	*0.01*
Israel: Jews	656	**4.6**	*0.19*	0.59	*0.03*	115	**0.7**	*0.07*	0.08	*0.01*
Israel: Non-Jews	89	**6.1**	*0.66*	0.73	*0.10*	9	**0.6**	*0.21*	0.09	*0.03*
Japan, Aichi Prefecture	113	**2.8**	*0.27*	0.35	*0.04*	14	**0.3**	*0.08*	0.04	*0.01*
Japan, Fukui Prefecture	96	**2.2**	*0.23*	0.26	*0.03*	10	**0.2**	*0.07*	0.03	*0.01*
Japan, Hiroshima	194	**4.6**	*0.33*	0.57	*0.05*	14	**0.3**	*0.08*	0.04	*0.01*
Japan, Miyagi Prefecture	354	**3.3**	*0.18*	0.43	*0.03*	25	**0.2**	*0.04*	0.03	*0.01*
Japan, Nagasaki Prefecture	258	**3.6**	*0.23*	0.48	*0.03*	14	**0.1**	*0.03*	0.01	*0.00*
Japan, Osaka Prefecture	926	**2.4**	*0.08*	0.29	*0.01*	75	**0.2**	*0.02*	0.02	*0.00*
Japan, Yamagata Prefecture	191	**2.9**	*0.22*	0.37	*0.03*	10	**0.1**	*0.04*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Larynx (C32) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	3999	**4.8**	*0.08*	0.64	*0.01*	408	**0.3**	*0.02*	0.04	*0.00*
Korea, Busan	382	**4.8**	*0.27*	0.64	*0.04*	58	**0.6**	*0.07*	0.08	*0.01*
Korea, Daegu	256	**5.1**	*0.33*	0.74	*0.06*	27	**0.4**	*0.08*	0.05	*0.01*
Korea, Daejeon	111	**4.6**	*0.45*	0.55	*0.06*	12	**0.4**	*0.11*	0.07	*0.02*
Korea, Gwangju	122	**5.0**	*0.46*	0.73	*0.08*	12	**0.3**	*0.10*	0.03	*0.01*
Korea, Incheon	203	**4.4**	*0.32*	0.57	*0.05*	31	**0.5**	*0.09*	0.07	*0.01*
Korea, Jejudo	48	**6.3**	*0.93*	0.81	*0.14*	7	**0.8**	*0.31*	0.07	*0.03*
Korea, Seoul	916	**4.7**	*0.16*	0.59	*0.02*	85	**0.4**	*0.04*	0.04	*0.01*
Korea, Ulsan	67	**5.4**	*0.71*	0.57	*0.09*	5	**0.3**	*0.13*	0.04	*0.02*
Kuwait: Kuwaitis	24	**2.7**	*0.55*	0.27	*0.07*	4	**0.5**	*0.23*	0.04	*0.03*
Kuwait: Non-Kuwaitis	45	**2.5**	*0.62*	0.35	*0.11*	3	**0.4**	*0.31*	0.09	*0.08*
Malaysia, Penang	84	**4.7**	*0.52*	0.62	*0.08*	11	**0.5**	*0.15*	0.03	*0.01*
Malaysia, Sarawak	70	**2.1**	*0.25*	0.23	*0.04*	16	**0.5**	*0.12*	0.06	*0.02*
Oman: Omani	22	**1.4**	*0.29*	0.15	*0.04*	6	**0.3**	*0.14*	0.04	*0.02**
Pakistan, South Karachi	267	**10.7**	*0.69*	1.38	*0.10*	38	**1.8**	*0.31*	0.21	*0.04**
Philippines, Manila	334	**5.5**	*0.31*	0.70	*0.05*	65	**0.8**	*0.11*	0.10	*0.02**
Singapore	340	**4.4**	*0.24*	0.56	*0.04*	27	**0.3**	*0.06*	0.03	*0.01*
Singapore: Chinese	294	**4.9**	*0.29*	0.64	*0.04*	23	**0.3**	*0.06*	0.03	*0.01*
Singapore: Indian	19	**2.4**	*0.57*	0.26	*0.07*	2	**0.4**	*0.29*	0.08	*0.06*
Singapore: Malay	27	**3.0**	*0.59*	0.36	*0.08*	2	**0.2**	*0.14*	0.02	*0.02*
Thailand, Chiang Mai	116	**3.0**	*0.28*	0.37	*0.04*	23	**0.6**	*0.12*	0.08	*0.02**
Thailand, Lampang	41	**1.9**	*0.30*	0.21	*0.04*	20	**0.8**	*0.18*	0.11	*0.03**
Thailand, Songkhla	100	**3.8**	*0.38*	0.43	*0.05*	10	**0.3**	*0.11*	0.05	*0.02*
Turkey, Antalya	211	**7.2**	*0.50*	0.89	*0.07*	18	**0.6**	*0.14*	0.07	*0.02**
Turkey, Izmir	875	**10.9**	*0.37*	1.40	*0.05*	41	**0.5**	*0.07*	0.06	*0.01**
Europe										
Austria	1376	**4.9**	*0.13*	0.60	*0.02*	167	**0.5**	*0.04*	0.06	*0.01*
Austria, Tyrol	128	**5.8**	*0.52*	0.74	*0.07*	12	**0.4**	*0.14*	0.05	*0.02*
Austria, Vorarlberg	65	**5.9**	*0.73*	0.73	*0.10*	3	**0.2**	*0.13*	0.03	*0.02*
Belarus	2908	**10.1**	*0.19*	1.27	*0.03*	80	**0.2**	*0.02*	0.02	*0.00**
Belgium, Antwerp	369	**5.5**	*0.30*	0.68	*0.04*	47	**0.7**	*0.11*	0.08	*0.01**
Belgium, Flanders	1322	**7.0**	*0.20*	0.89	*0.03*	133	**0.7**	*0.06*	0.08	*0.01*
Bulgaria	2647	**9.0**	*0.18*	1.06	*0.02*	151	**0.4**	*0.04*	0.04	*0.00**
Croatia	2001	**12.5**	*0.28*	1.55	*0.04*	166	**0.8**	*0.07*	0.10	*0.01*
Czech Republic	2289	**6.5**	*0.14*	0.79	*0.02*	259	**0.6**	*0.04*	0.07	*0.00*
Denmark	975	**4.7**	*0.16*	0.60	*0.02*	228	**1.0**	*0.07*	0.13	*0.01*
Estonia	359	**8.4**	*0.44*	1.04	*0.06*	27	**0.5**	*0.09*	0.06	*0.01*
Finland	515	**2.6**	*0.12*	0.31	*0.02*	67	**0.2**	*0.03*	0.03	*0.00*
France, Bas-Rhin	220	**6.4**	*0.44*	0.85	*0.06*	24	**0.6**	*0.13*	0.06	*0.02*
France, Calvados	202	**9.1**	*0.66*	1.20	*0.09*	18	**0.8**	*0.20*	0.09	*0.02*
France, Doubs	124	**7.2**	*0.66*	0.91	*0.09*	15	**0.8**	*0.22*	0.11	*0.03*
France, Haut-Rhin	183	**7.4**	*0.55*	0.93	*0.08*	16	**0.4**	*0.12*	0.05	*0.02*
France, Herault	285	**8.3**	*0.52*	0.99	*0.07*	44	**1.2**	*0.19*	0.13	*0.02*
France, Isere	276	**7.3**	*0.45*	0.88	*0.06*	32	**0.8**	*0.14*	0.09	*0.02*
France, Loire-Atlantique	434	**11.5**	*0.56*	1.38	*0.07*	32	**0.7**	*0.13*	0.08	*0.02*
France, Manche	169	**9.1**	*0.74*	1.09	*0.09*	11	**0.6**	*0.21*	0.06	*0.02*
France, Somme	169	**9.2**	*0.72*	1.13	*0.10*	10	**0.5**	*0.16*	0.07	*0.02*
France, Tarn	85	**5.5**	*0.64*	0.62	*0.08*	11	**0.6**	*0.21*	0.08	*0.03*
France, Vendee	182	**8.8**	*0.68*	1.07	*0.09*	13	**0.7**	*0.19*	0.08	*0.02*
Germany, Brandenburg	523	**5.2**	*0.23*	0.66	*0.03*	48	**0.4**	*0.06*	0.05	*0.01*
Germany, Free State of Saxony	745	**4.1**	*0.15*	0.51	*0.02*	53	**0.2**	*0.04*	0.03	*0.00*
Germany, Hamburg	351	**5.3**	*0.29*	0.64	*0.04*	81	**1.1**	*0.13*	0.13	*0.02*
Germany, Mecklenburg-Western Pomerania	381	**5.7**	*0.29*	0.72	*0.04*	36	**0.4**	*0.08*	0.05	*0.01*
Germany, Munich	402	**4.4**	*0.22*	0.56	*0.03*	66	**0.6**	*0.08*	0.08	*0.01*
Germany, Northrhine-Westphalia: Munster	474	**4.8**	*0.23*	0.59	*0.03*	78	**0.7**	*0.08*	0.08	*0.01*
Germany, Saarland	262	**5.9**	*0.37*	0.73	*0.05*	31	**0.6**	*0.13*	0.08	*0.02*
Iceland	29	**3.2**	*0.62*	0.38	*0.09*	10	**1.4**	*0.44*	0.18	*0.06*
Ireland	502	**4.3**	*0.19*	0.53	*0.03*	103	**0.7**	*0.08*	0.09	*0.01*
Italy, Biella Province	92	**10.1**	*1.10*	1.30	*0.15*	8	**0.8**	*0.32*	0.09	*0.04*
Italy, Brescia Province	325	**13.7**	*0.77*	1.78	*0.11*	20	**0.7**	*0.16*	0.07	*0.02*
Italy, Ferrara Province	168	**9.3**	*0.76*	1.25	*0.11*	20	**0.9**	*0.21*	0.12	*0.03*
Italy, Florence and Prato	473	**8.4**	*0.41*	1.08	*0.06*	49	**0.7**	*0.12*	0.09	*0.01*
Italy, Genoa Province	317	**11.5**	*0.69*	1.49	*0.09*	28	**0.8**	*0.18*	0.11	*0.02*
Italy, Macerata Province	71	**8.4**	*1.06*	1.11	*0.15*	3	**0.5**	*0.31*	0.05	*0.03*
Italy, Milan	448	**9.2**	*0.46*	1.11	*0.06*	59	**0.8**	*0.12*	0.12	*0.02*
Italy, Modena Province	241	**8.3**	*0.56*	1.05	*0.08*	29	**0.8**	*0.16*	0.10	*0.02*
Italy, Naples	178	**11.7**	*0.89*	1.56	*0.13*	18	**1.1**	*0.26*	0.10	*0.03*
Italy, North East Cancer Surveillance Network	924	**10.3**	*0.35*	1.32	*0.05*	114	**1.0**	*0.11*	0.12	*0.01*
Italy, Parma Province	179	**8.9**	*0.72*	1.11	*0.10*	12	**0.5**	*0.17*	0.08	*0.02*
Italy, Ragusa Province	55	**4.7**	*0.66*	0.67	*0.10*	3	**0.2**	*0.12*	0.01	*0.01*
Italy, Reggio Emilia Province	206	**9.8**	*0.72*	1.23	*0.10*	12	**0.5**	*0.17*	0.06	*0.02*
Italy, Romagna Region	404	**8.3**	*0.44*	1.08	*0.06*	48	**1.0**	*0.16*	0.12	*0.02*
Italy, Salerno Province	271	**8.3**	*0.52*	1.02	*0.07*	21	**0.7**	*0.15*	0.07	*0.02*
Italy, Sassari Province	151	**8.5**	*0.70*	1.11	*0.10*	13	**0.7**	*0.20*	0.07	*0.02*
Italy, Syracuse Province	74	**5.8**	*0.70*	0.76	*0.10*	4	**0.3**	*0.14*	0.04	*0.02*
Italy, Sondrio	94	**13.3**	*1.41*	1.60	*0.19*	11	**1.5**	*0.48*	0.16	*0.05*
Italy, Torino	343	**7.8**	*0.44*	0.97	*0.06*	37	**0.6**	*0.11*	0.07	*0.02*
Italy, Umbria Region	312	**7.7**	*0.46*	1.01	*0.06*	23	**0.5**	*0.11*	0.05	*0.01*
Italy, Varese Province	166	**8.2**	*0.65*	1.10	*0.10*	7	**0.2**	*0.10*	0.03	*0.01*
Italy, Veneto Region	761	**11.2**	*0.42*	1.45	*0.06*	88	**1.0**	*0.12*	0.13	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Larynx (C32) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	589	**7.8**	*0.32*	1.03	*0.05*	40	**0.3**	*0.06*	0.04	*0.01*
Lithuania	940	**9.2**	*0.30*	1.16	*0.04*	54	**0.4**	*0.05*	0.04	*0.01*
Malta	70	**5.2**	*0.64*	0.61	*0.09*	9	**0.6**	*0.22*	0.07	*0.03*
Norway	534	**3.0**	*0.14*	0.37	*0.02*	96	**0.5**	*0.05*	0.07	*0.01*
Poland, Cracow	223	**9.2**	*0.62*	1.10	*0.08*	43	**1.4**	*0.22*	0.17	*0.03**
Poland, Kielce	544	**13.2**	*0.58*	1.64	*0.08*	57	**1.2**	*0.16*	0.13	*0.02*
Poland, Warsaw City	450	**7.6**	*0.37*	0.97	*0.05*	88	**1.2**	*0.13*	0.14	*0.02*
Portugal, Porto	702	**7.2**	*0.28*	0.88	*0.04*	31	**0.2**	*0.05*	0.03	*0.01**
Portugal, South Regional	813	**7.9**	*0.29*	0.96	*0.04*	44	**0.3**	*0.05*	0.03	*0.01*
Russia, St Petersburg	818	**5.9**	*0.21*	0.76	*0.03*	64	**0.3**	*0.04*	0.03	*0.00*
Serbia	2122	**12.3**	*0.27*	1.53	*0.03*	212	**1.1**	*0.08*	0.13	*0.01*
Slovak Republic	1391	**9.2**	*0.25*	1.13	*0.03*	87	**0.5**	*0.05*	0.05	*0.01*
Slovenia	516	**7.6**	*0.34*	0.95	*0.05*	56	**0.7**	*0.09*	0.08	*0.01*
Spain, Albacete	107	**10.1**	*1.05*	1.21	*0.13*	4	**0.2**	*0.09*	0.03	*0.02*
Spain, Asturias	648	**14.6**	*0.61*	1.78	*0.08*	21	**0.5**	*0.12*	0.05	*0.01*
Spain, Basque Country	1042	**16.1**	*0.51*	1.96	*0.07*	57	**0.8**	*0.12*	0.10	*0.01*
Spain, Canary Islands	475	**10.8**	*0.50*	1.35	*0.07*	22	**0.5**	*0.11*	0.06	*0.01*
Spain, Cuenca	92	**10.5**	*1.24*	1.26	*0.15*	0	**-**	-	-	-
Spain, Girona	208	**9.7**	*0.71*	1.18	*0.09*	3	**0.2**	*0.10*	0.02	*0.01*
Spain, Granada	323	**11.2**	*0.65*	1.44	*0.09*	5	**0.2**	*0.08*	0.02	*0.01*
Spain, Murcia	535	**14.3**	*0.64*	1.78	*0.08*	20	**0.5**	*0.11*	0.06	*0.02*
Spain, Navarra	282	**13.2**	*0.82*	1.63	*0.11*	8	**0.4**	*0.16*	0.04	*0.02*
Spain, Tarragona	228	**12.0**	*0.84*	1.54	*0.11*	5	**0.3**	*0.16*	0.04	*0.02*
Spain, Zaragoza	508	**15.4**	*0.72*	1.89	*0.09*	15	**0.4**	*0.11*	0.04	*0.01*
Sweden	775	**2.0**	*0.08*	0.26	*0.01*	162	**0.4**	*0.03*	0.05	*0.00*
Switzerland, Geneva	78	**5.6**	*0.64*	0.68	*0.08*	13	**0.7**	*0.21*	0.07	*0.02*
Switzerland, Graubunden and Glarus	33	**4.2**	*0.75*	0.53	*0.10*	5	**0.5**	*0.25*	0.07	*0.04*
Switzerland, Neuchatel	48	**8.0**	*1.20*	0.91	*0.15*	7	**1.1**	*0.42*	0.13	*0.05*
Switzerland, St Gall-Appenzell	74	**4.1**	*0.49*	0.55	*0.07*	16	**0.7**	*0.20*	0.09	*0.03*
Switzerland, Ticino	94	**7.6**	*0.80*	1.03	*0.12*	13	**1.0**	*0.30*	0.11	*0.03*
Switzerland, Valais	71	**7.3**	*0.89*	0.87	*0.11*	8	**0.7**	*0.26*	0.09	*0.04*
Switzerland, Vaud	108	**4.9**	*0.49*	0.60	*0.07*	23	**0.9**	*0.20*	0.11	*0.03*
The Netherlands	2868	**5.0**	*0.10*	0.64	*0.01*	526	**0.9**	*0.04*	0.11	*0.01*
The Netherlands, Eindhoven	204	**5.6**	*0.40*	0.69	*0.06*	31	**0.8**	*0.15*	0.10	*0.02*
The Netherlands, Maastricht	180	**5.1**	*0.39*	0.64	*0.06*	29	**0.8**	*0.15*	0.10	*0.02*
UK, East of England Region	328	**2.7**	*0.16*	0.33	*0.02*	72	**0.5**	*0.07*	0.07	*0.01*
UK, England, Merseyside and Cheshire	429	**4.6**	*0.23*	0.57	*0.03*	107	**0.9**	*0.09*	0.12	*0.01*
UK, England, North Western	783	**5.0**	*0.19*	0.62	*0.03*	184	**1.0**	*0.08*	0.13	*0.01*
UK, England, Northern and Yorkshire	1271	**4.9**	*0.14*	0.62	*0.02*	315	**1.0**	*0.06*	0.13	*0.01*
UK, England, Oxford Region	295	**2.9**	*0.18*	0.37	*0.03*	59	**0.5**	*0.07*	0.06	*0.01*
UK, England, South and Western Regions	970	**3.4**	*0.11*	0.43	*0.02*	188	**0.5**	*0.04*	0.06	*0.01*
UK, England, Thames	1745	**3.4**	*0.09*	0.43	*0.01*	357	**0.6**	*0.03*	0.07	*0.00*
UK, England, Trent	720	**3.7**	*0.14*	0.46	*0.02*	153	**0.6**	*0.06*	0.09	*0.01*
UK, England, West Midlands	864	**4.1**	*0.14*	0.51	*0.02*	158	**0.6**	*0.06*	0.08	*0.01*
UK, Northern Ireland	270	**4.9**	*0.31*	0.61	*0.04*	66	**1.1**	*0.14*	0.14	*0.02*
UK, Scotland	1237	**6.4**	*0.19*	0.81	*0.03*	301	**1.3**	*0.08*	0.18	*0.01*
Oceania										
Australia, New South Wales	931	**4.1**	*0.14*	0.53	*0.02*	114	**0.4**	*0.04*	0.05	*0.01*
Australia, Northern Territory	34	**8.6**	*1.56*	1.21	*0.26*	5	**1.7**	*0.79*	0.26	*0.14*
Australia, Queensland	492	**4.1**	*0.19*	0.53	*0.03*	42	**0.3**	*0.05*	0.04	*0.01*
Australia, South	172	**2.8**	*0.22*	0.35	*0.03*	27	**0.4**	*0.09*	0.06	*0.01*
Australia, Tasmania	69	**3.8**	*0.47*	0.49	*0.07*	12	**0.7**	*0.22*	0.11	*0.03*
Australia, Victoria	596	**3.6**	*0.15*	0.47	*0.02*	89	**0.5**	*0.05*	0.07	*0.01*
Australia, Western	226	**3.8**	*0.26*	0.48	*0.04*	35	**0.5**	*0.09*	0.06	*0.01*
Australian Capital Territory	23	**2.2**	*0.48*	0.18	*0.06*	3	**0.3**	*0.15*	0.04	*0.03*
French Polynesia	19	**4.7**	*1.09*	0.65	*0.18*	1	**0.3**	*0.28*	0.05	*0.05*
New Zealand	330	**2.6**	*0.15*	0.34	*0.02*	48	**0.4**	*0.06*	0.05	*0.01*
USA, Hawaii	183	**4.5**	*0.35*	0.60	*0.05*	27	**0.5**	*0.10*	0.06	*0.01*
USA, Hawaii: Chinese	10	**3.1**	*1.04*	0.43	*0.15*	1	**0.1**	*0.11*	-	-
USA, Hawaii: Filipino	15	**1.9**	*0.54*	0.18	*0.07*	0	**-**	-	-	-
USA, Hawaii: Hawaiian	22	**4.2**	*0.91*	0.57	*0.15*	8	**1.4**	*0.52*	0.18	*0.07*
USA, Hawaii: Japanese	39	**3.2**	*0.58*	0.47	*0.09*	7	**0.4**	*0.18*	0.05	*0.02*
USA, Hawaii: White	88	**8.0**	*0.89*	1.07	*0.13*	10	**0.6**	*0.22*	0.07	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Trachea, bronchus and lung (C33-34)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	374	**19.9**	*1.05*	-	-	37	**1.7**	*0.29*	-	- *
Egypt, Gharbiah	541	**14.0**	*0.63*	-	-	174	**3.6**	*0.28*	-	-
Tunisia, Centre, Sousse	335	**37.1**	*2.05*	-	-	17	**1.7**	*0.43*	-	- *
Uganda, Kyadondo County	46	**4.8**	*0.84*	-	-	40	**3.8**	*0.69*	-	- *
Zimbabwe, Harare: African	146	**9.5**	*0.90*	-	-	59	**4.8**	*0.69*	-	- *
America, Central and South										
Argentina, Bahia Blanca	379	**45.5**	*2.42*	5.72	*0.34*	106	**11.0**	*1.13*	1.32	*0.14*
Brazil, Brasilia	500	**26.8**	*1.25*	3.31	*0.19*	307	**12.5**	*0.75*	1.52	*0.11*
Brazil, Cuiaba	154	**26.3**	*2.18*	3.17	*0.34*	71	**10.4**	*1.27*	1.28	*0.20*
Brazil, Goiania	266	**21.0**	*1.30*	2.71	*0.21*	173	**10.0**	*0.78*	1.18	*0.12*
Brazil, Sao Paulo	6525	**33.5**	*0.42*	4.23	*0.06*	3247	**11.7**	*0.21*	1.41	*0.03*
Chile, Valdivia	100	**11.2**	*1.14*	1.37	*0.18*	51	**4.6**	*0.67*	0.51	*0.10*
Colombia, Cali	711	**21.5**	*0.82*	2.62	*0.13*	412	**9.4**	*0.48*	1.19	*0.07*
Costa Rica	810	**11.1**	*0.40*	1.29	*0.06*	364	**4.5**	*0.24*	0.53	*0.04*
Ecuador, Quito	214	**7.9**	*0.56*	0.99	*0.09*	136	**4.1**	*0.37*	0.49	*0.06*
France, La Martinique	156	**13.7**	*1.12*	1.87	*0.17*	74	**4.9**	*0.61*	0.61	*0.09*
Peru, Trujillo	52	**5.9**	*0.83*	0.70	*0.13*	52	**4.8**	*0.68*	0.58	*0.10**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	40042	**47.9**	*0.25*	6.09	*0.04*	30202	**31.6**	*0.20*	4.07	*0.03*
Canada, Alberta	3948	**42.8**	*0.70*	5.40	*0.11*	3097	**30.4**	*0.58*	3.90	*0.09*
Canada, British Columbia	6580	**41.5**	*0.53*	5.16	*0.08*	5444	**30.8**	*0.46*	3.86	*0.07*
Canada, Manitoba	2196	**51.2**	*1.16*	6.42	*0.18*	1777	**36.6**	*0.97*	4.74	*0.14*
Canada, New Brunswick	1850	**66.6**	*1.61*	8.70	*0.26*	1133	**36.2**	*1.16*	4.80	*0.17*
Canada, Newfoundland and Labrador	837	**45.6**	*1.62*	6.23	*0.25*	404	**21.6**	*1.11*	2.96	*0.16*
Canada, Northwest Territories	34	**49.2**	*8.78*	7.08	*1.49*	23	**36.9**	*7.88*	5.46	*1.38*
Canada, Nova Scotia	2329	**65.8**	*1.42*	8.33	*0.22*	1597	**38.3**	*1.05*	4.97	*0.16*
Canada, Ontario	20105	**48.6**	*0.35*	6.21	*0.05*	15202	**31.4**	*0.27*	4.02	*0.04*
Canada, Prince Edward Island	307	**60.2**	*3.55*	7.92	*0.56*	219	**38.5**	*2.81*	4.98	*0.41*
Canada, Saskatchewan	1856	**44.8**	*1.13*	5.60	*0.17*	1306	**30.3**	*0.94*	4.02	*0.14*
USA, Alabama	10879	**72.1**	*0.71*	9.33	*0.11*	6475	**34.1**	*0.45*	4.49	*0.07*
USA, Alabama: Black	1969	**73.5**	*1.71*	9.28	*0.26*	997	**25.6**	*0.86*	3.29	*0.13*
USA, Alabama: White	8849	**71.7**	*0.79*	9.32	*0.12*	5430	**36.2**	*0.53*	4.79	*0.08*
USA, Alaska	744	**53.2**	*2.01*	6.92	*0.32*	586	**40.9**	*1.76*	5.43	*0.28*
USA, Arizona	8606	**45.6**	*0.52*	5.80	*0.08*	6977	**32.1**	*0.42*	4.19	*0.06*
USA, California	46192	**44.7**	*0.22*	5.67	*0.03*	40142	**31.4**	*0.17*	4.04	*0.03*
USA, California: Asian and Pacific Islander	3838	**33.1**	*0.55*	4.04	*0.09*	2420	**16.5**	*0.35*	1.95	*0.05*
USA, California: Black	3728	**66.6**	*1.11*	8.49	*0.17*	2582	**36.0**	*0.74*	4.64	*0.11*
USA, California: Hispanic White	3847	**25.7**	*0.43*	3.07	*0.07*	2941	**15.3**	*0.29*	1.88	*0.04*
USA, California: Non-Hispanic White	34497	**49.4**	*0.28*	6.34	*0.04*	31947	**37.9**	*0.24*	4.96	*0.04*
USA, California, Greater San Francisco Bay Area	8531	**41.2**	*0.47*	5.16	*0.07*	7758	**29.8**	*0.37*	3.79	*0.06*
USA, California, Greater San Francisco Bay Area: Black	890	**69.3**	*2.39*	8.94	*0.37*	684	**41.7**	*1.69*	5.26	*0.25*
USA, California, Greater San Francisco Bay Area: Chinese	565	**31.1**	*1.38*	3.47	*0.20*	377	**16.9**	*0.94*	1.88	*0.14*
USA, California, Greater San Francisco Bay Area: Filipino	394	**44.7**	*2.33*	5.69	*0.36*	170	**13.7**	*1.09*	1.67	*0.16*
USA, California, Greater San Francisco Bay Area: Japanese	97	**26.2**	*2.95*	3.40	*0.48*	89	**15.5**	*1.82*	2.19	*0.28*
USA, California, Greater San Francisco Bay Area: Hispanic White	565	**27.8**	*1.20*	3.22	*0.18*	479	**18.3**	*0.87*	2.34	*0.14*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	5650	**42.6**	*0.60*	5.44	*0.10*	5687	**34.8**	*0.52*	4.53	*0.08*
USA, California, Los Angeles County	10878	**41.2**	*0.41*	5.20	*0.06*	9142	**26.7**	*0.30*	3.39	*0.05*
USA, California, Los Angeles County: Black	1697	**68.0**	*1.68*	8.67	*0.26*	1174	**34.1**	*1.04*	4.38	*0.16*
USA, California, Los Angeles County: Chinese	357	**29.3**	*1.64*	3.48	*0.25*	263	**18.9**	*1.24*	2.17	*0.18*
USA, California, Los Angeles County: Filipino	367	**45.5**	*2.47*	5.80	*0.40*	187	**16.5**	*1.25*	1.96	*0.19*
USA, California, Los Angeles County: Japanese	184	**29.3**	*2.41*	3.88	*0.37*	112	**14.2**	*1.51*	1.89	*0.23*
USA, California, Los Angeles County: Korean	195	**36.0**	*2.62*	4.28	*0.41*	116	**15.2**	*1.47*	1.76	*0.22*
USA, California, Los Angeles County: Hispanic White	1327	**23.2**	*0.66*	2.85	*0.10*	982	**12.3**	*0.41*	1.53	*0.06*
USA, California, Los Angeles County: Non-Hispanic White	6474	**46.4**	*0.62*	5.92	*0.10*	6156	**35.8**	*0.52*	4.66	*0.08*
USA, Colorado	5102	**40.6**	*0.59*	5.22	*0.09*	4288	**28.4**	*0.47*	3.71	*0.07*
USA, Connecticut	6670	**53.9**	*0.70*	6.89	*0.11*	5844	**37.4**	*0.55*	4.87	*0.08*
USA, Connecticut: Black	443	**66.1**	*3.19*	8.31	*0.48*	324	**33.4**	*1.91*	4.18	*0.29*
USA, Connecticut: White	6176	**53.4**	*0.73*	6.84	*0.11*	5489	**38.2**	*0.58*	4.98	*0.09*
USA, District of Columbia	1141	**66.2**	*2.03*	8.21	*0.30*	831	**34.1**	*1.30*	4.30	*0.19*
USA, District of Columbia: Black	886	**82.6**	*2.87*	10.25	*0.41*	611	**36.8**	*1.63*	4.54	*0.23*
USA, District of Columbia: White	221	**36.2**	*2.58*	4.38	*0.40*	203	**28.5**	*2.25*	3.87	*0.37*
USA, Florida	43150	**61.2**	*0.32*	7.78	*0.05*	33649	**39.3**	*0.24*	5.01	*0.03*
USA, Florida: Black	3357	**64.9**	*1.14*	8.11	*0.17*	1840	**26.9**	*0.65*	3.43	*0.10*
USA, Florida: White	39440	**61.0**	*0.34*	7.78	*0.05*	31524	**40.8**	*0.26*	5.20	*0.04*
USA, Georgia	15518	**70.2**	*0.58*	9.10	*0.09*	9874	**34.9**	*0.37*	4.63	*0.06*
USA, Georgia: Black	3314	**77.8**	*1.39*	9.92	*0.22*	1722	**27.5**	*0.70*	3.54	*0.11*
USA, Georgia: White	12103	**68.8**	*0.64*	8.99	*0.10*	8086	**37.4**	*0.44*	4.98	*0.07*
USA, Georgia, Atlanta	3682	**57.2**	*0.97*	7.25	*0.15*	2847	**33.7**	*0.67*	4.42	*0.11*
USA, Georgia, Atlanta: Black	1105	**70.7**	*2.23*	8.73	*0.35*	723	**30.9**	*1.21*	4.01	*0.19*
USA, Georgia, Atlanta: White	2519	**54.0**	*1.11*	6.96	*0.18*	2089	**35.5**	*0.83*	4.70	*0.13*
USA, Idaho	1913	**43.8**	*1.05*	5.72	*0.17*	1408	**29.1**	*0.84*	3.90	*0.13*
USA, Illinois	24478	**61.1**	*0.41*	7.84	*0.06*	18851	**37.1**	*0.30*	4.84	*0.04*
USA, Illinois: Black	3560	**83.8**	*1.43*	10.54	*0.21*	2509	**41.2**	*0.85*	5.20	*0.13*
USA, Illinois: White	20524	**58.8**	*0.43*	7.57	*0.07*	16117	**37.2**	*0.33*	4.87	*0.05*
USA, Indiana	13811	**68.7**	*0.61*	8.97	*0.09*	9897	**40.1**	*0.44*	5.30	*0.07*
USA, Iowa	6363	**56.7**	*0.76*	7.32	*0.12*	4518	**33.5**	*0.56*	4.40	*0.08*
USA, Kentucky	12143	**90.1**	*0.84*	11.69	*0.13*	8305	**50.3**	*0.59*	6.68	*0.09*
USA, Louisiana	10320	**75.0**	*0.76*	9.59	*0.12*	6723	**37.8**	*0.50*	4.86	*0.07*
USA, Louisiana: Black	2882	**91.7**	*1.75*	11.61	*0.26*	1501	**33.5**	*0.91*	4.19	*0.13*
USA, Louisiana: White	7389	**70.3**	*0.85*	9.04	*0.13*	5186	**39.7**	*0.60*	5.14	*0.09*
USA, Louisiana, New Orleans: Black	895	**96.6**	*3.30*	12.16	*0.49*	487	**34.9**	*1.65*	4.35	*0.25*
USA, Louisiana, New Orleans: White	1478	**69.6**	*1.92*	8.97	*0.29*	1180	**41.7**	*1.37*	5.33	*0.20*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Trachea, bronchus and lung (C33-34) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	3155	**64.0**	*1.19*	8.32	*0.18*	2458	**41.5**	*0.92*	5.38	*0.14*
USA, Massachusetts	12065	**54.4**	*0.52*	7.04	*0.08*	11381	**40.3**	*0.42*	5.24	*0.06*
USA, Michigan	19922	**60.0**	*0.44*	7.81	*0.07*	15710	**39.1**	*0.34*	5.15	*0.05*
USA, Michigan: Black	2761	**83.7**	*1.65*	10.75	*0.25*	1980	**44.1**	*1.04*	5.74	*0.16*
USA, Michigan: White	16959	**57.5**	*0.46*	7.50	*0.07*	13569	**38.6**	*0.36*	5.09	*0.05*
USA, Michigan, Detroit	8615	**66.6**	*0.75*	8.65	*0.12*	7167	**43.3**	*0.56*	5.70	*0.08*
USA, Michigan, Detroit: Black	2062	**85.0**	*1.94*	11.06	*0.30*	1527	**44.4**	*1.20*	5.77	*0.18*
USA, Michigan, Detroit: White	6473	**62.8**	*0.83*	8.16	*0.13*	5592	**43.6**	*0.65*	5.77	*0.10*
USA, Missouri	13338	**68.1**	*0.62*	8.83	*0.09*	9559	**39.9**	*0.45*	5.25	*0.07*
USA, Missouri: Black	1232	**88.4**	*2.58*	10.92	*0.38*	858	**42.7**	*1.53*	5.40	*0.22*
USA, Missouri: White	12012	**66.5**	*0.64*	8.67	*0.10*	8626	**39.8**	*0.47*	5.25	*0.07*
USA, Montana	1818	**51.2**	*1.26*	6.55	*0.20*	1485	**38.1**	*1.08*	5.12	*0.17*
USA, NPCR	437751	**58.3**	*0.09*	7.50	*0.01*	339134	**36.4**	*0.07*	4.73	*0.01*
USA, NPCR: Black	45345	**75.0**	*0.36*	9.54	*0.05*	29126	**34.3**	*0.21*	4.40	*0.03*
USA, NPCR: White	382072	**57.4**	*0.10*	7.40	*0.02*	302680	**37.2**	*0.07*	4.86	*0.01*
USA, New Jersey	16153	**54.7**	*0.45*	6.97	*0.07*	13910	**36.5**	*0.34*	4.65	*0.05*
USA, New Jersey: Black	1982	**72.3**	*1.64*	9.39	*0.25*	1389	**35.0**	*0.97*	4.44	*0.15*
USA, New Jersey: White	13847	**53.8**	*0.49*	6.84	*0.07*	12332	**37.9**	*0.38*	4.84	*0.06*
USA, New Mexico	2377	**37.8**	*0.81*	4.76	*0.13*	1747	**23.7**	*0.61*	3.12	*0.09*
USA, New Mexico: American Indian	43	**12.2**	*1.91*	1.16	*0.27*	18	**3.9**	*0.96*	0.50	*0.16*
USA, New Mexico: Hispanic White	545	**28.7**	*1.26*	3.42	*0.19*	327	**14.6**	*0.85*	1.79	*0.13*
USA, New Mexico: Non-Hispanic White	1723	**44.2**	*1.12*	5.69	*0.17*	1378	**30.7**	*0.90*	4.13	*0.14*
USA, New York State	34267	**53.3**	*0.30*	6.74	*0.05*	29887	**35.5**	*0.23*	4.55	*0.03*
USA, New York State: Black	4036	**60.8**	*0.97*	7.71	*0.15*	3048	**29.5**	*0.55*	3.70	*0.08*
USA, New York State: White	29314	**53.4**	*0.33*	6.76	*0.05*	26285	**37.5**	*0.26*	4.83	*0.04*
USA, Ohio	25578	**64.8**	*0.42*	8.38	*0.07*	19374	**38.9**	*0.31*	5.14	*0.05*
USA, Ohio: Black	2624	**81.1**	*1.63*	10.51	*0.25*	1850	**41.2**	*1.01*	5.45	*0.15*
USA, Ohio: White	22547	**62.7**	*0.44*	8.11	*0.07*	17242	**38.4**	*0.32*	5.08	*0.05*
USA, Oklahoma	8706	**71.5**	*0.80*	9.06	*0.12*	6075	**41.1**	*0.57*	5.41	*0.09*
USA, Oregon	6547	**52.5**	*0.69*	6.83	*0.11*	5846	**40.5**	*0.58*	5.39	*0.09*
USA, Pennsylvania	28694	**59.7**	*0.38*	7.72	*0.06*	21873	**35.8**	*0.27*	4.63	*0.04*
USA, Pennsylvania: Black	2648	**85.9**	*1.72*	10.93	*0.26*	2074	**46.8**	*1.09*	5.98	*0.16*
USA, Pennsylvania: White	25678	**57.6**	*0.39*	7.46	*0.06*	19547	**34.7**	*0.28*	4.50	*0.04*
USA, Rhode Island	2444	**64.6**	*1.40*	8.51	*0.22*	2008	**42.0**	*1.06*	5.37	*0.15*
USA, SEER (9 Registries)	44153	**51.2**	*0.26*	6.56	*0.04*	35923	**33.8**	*0.20*	4.40	*0.03*
USA, SEER (9 Registries): Black	4900	**76.5**	*1.12*	9.79	*0.17*	3445	**38.7**	*0.69*	5.00	*0.11*
USA, SEER (9 Registries): White	36166	**50.3**	*0.28*	6.47	*0.04*	30559	**35.1**	*0.22*	4.61	*0.03*
USA, SEER (14 Registries)	123409	**52.8**	*0.16*	6.75	*0.02*	99833	**34.3**	*0.12*	4.45	*0.02*
USA, SEER (14 Registries): Asian and Pacific Islander	5996	**33.6**	*0.45*	4.13	*0.07*	3766	**16.8**	*0.29*	2.04	*0.04*
USA, SEER (14 Registries): Black	13468	**76.5**	*0.67*	9.77	*0.10*	8824	**36.5**	*0.41*	4.68	*0.06*
USA, SEER (14 Registries): Hispanic White	5597	**27.8**	*0.38*	3.34	*0.06*	4128	**16.0**	*0.26*	1.97	*0.04*
USA, SEER (14 Registries): Non-Hispanic White	97660	**55.4**	*0.19*	7.14	*0.03*	82579	**38.5**	*0.15*	5.04	*0.02*
USA, South Carolina	9181	**70.0**	*0.75*	9.05	*0.11*	5538	**33.6**	*0.48*	4.39	*0.07*
USA, South Carolina: Black	2074	**75.7**	*1.70*	9.68	*0.26*	963	**24.2**	*0.82*	3.05	*0.12*
USA, South Carolina: White	7059	**68.2**	*0.84*	8.87	*0.13*	4531	**36.5**	*0.58*	4.80	*0.09*
USA, Texas	34371	**58.1**	*0.32*	7.44	*0.05*	24136	**32.9**	*0.23*	4.27	*0.03*
USA, Texas: Black	4249	**85.3**	*1.34*	11.03	*0.21*	2400	**35.6**	*0.76*	4.62	*0.12*
USA, Texas: White	29652	**56.1**	*0.34*	7.19	*0.05*	21393	**33.0**	*0.24*	4.29	*0.04*
USA, Utah	1483	**26.3**	*0.71*	3.37	*0.11*	920	**14.3**	*0.51*	1.87	*0.08*
USA, Vermont	1190	**54.5**	*1.64*	7.03	*0.26*	853	**33.3**	*1.23*	4.42	*0.19*
USA, Washington State	10394	**53.4**	*0.55*	6.84	*0.09*	9039	**39.8**	*0.46*	5.22	*0.07*
USA, Washington, Seattle	6966	**53.1**	*0.67*	6.74	*0.11*	6168	**40.0**	*0.56*	5.21	*0.09*
USA, West Virginia	5602	**77.9**	*1.08*	9.95	*0.16*	4148	**46.3**	*0.79*	6.08	*0.12*
USA, Wisconsin	10021	**53.0**	*0.56*	6.83	*0.09*	7694	**34.7**	*0.44*	4.58	*0.07*
Asia										
Bahrain: Bahraini	186	**34.2**	*2.53*	4.05	*0.38*	64	**11.8**	*1.49*	1.41	*0.22*
China, Guangzhou City	3847	**71.9**	*1.19*	8.61	*0.17*	1765	**26.7**	*0.65*	3.13	*0.10**
China, Hong Kong	12941	**57.9**	*0.52*	7.00	*0.08*	6136	**23.4**	*0.32*	2.62	*0.05*
China, Jiashan	600	**46.7**	*1.95*	6.11	*0.29*	182	**13.0**	*0.99*	1.69	*0.14**
China, Nangang District, Harbin City	1282	**55.5**	*1.59*	6.49	*0.21*	845	**34.6**	*1.20*	4.28	*0.18*
China, Shanghai	12766	**51.5**	*0.48*	6.29	*0.07*	5720	**19.9**	*0.28*	2.37	*0.04**
China, Zhongshan	1088	**34.0**	*1.05*	4.41	*0.16*	521	**14.8**	*0.68*	1.90	*0.10**
Cyprus	569	**24.8**	*1.07*	3.19	*0.16*	128	**5.0**	*0.46*	0.65	*0.07**
India, Chennai (Madras)	962	**10.8**	*0.35*	1.37	*0.05*	228	**2.6**	*0.17*	0.32	*0.02*
India, New Delhi	2525	**13.5**	*0.28*	1.76	*0.04*	540	**3.2**	*0.14*	0.40	*0.02**
India, Karunagappally	175	**21.3**	*1.62*	3.03	*0.26*	20	**2.3**	*0.51*	0.28	*0.07*
India, Mumbai (Bombay)	1933	**9.7**	*0.23*	1.21	*0.03*	600	**3.1**	*0.13*	0.37	*0.02*
India, Nagpur	284	**7.5**	*0.45*	0.96	*0.07*	96	**2.4**	*0.26*	0.29	*0.03**
India, Poona	363	**6.1**	*0.33*	0.78	*0.05*	182	**3.0**	*0.22*	0.37	*0.03**
India, Trivandrum	264	**9.9**	*0.62*	1.28	*0.09*	51	**1.7**	*0.24*	0.19	*0.03**
Israel	5201	**32.2**	*0.46*	4.20	*0.07*	2496	**12.1**	*0.26*	1.49	*0.04*
Israel: Jews	4506	**30.5**	*0.47*	3.99	*0.07*	2334	**12.4**	*0.28*	1.53	*0.04*
Israel: Non-Jews	553	**40.4**	*1.76*	5.28	*0.28*	82	**5.1**	*0.58*	0.63	*0.09*
Japan, Aichi Prefecture	1511	**37.5**	*0.97*	4.20	*0.14*	589	**12.1**	*0.53*	1.36	*0.08*
Japan, Fukui Prefecture	1627	**34.9**	*0.91*	3.95	*0.13*	618	**10.4**	*0.49*	1.21	*0.07*
Japan, Hiroshima	1806	**42.0**	*1.00*	5.14	*0.15*	720	**12.9**	*0.52*	1.52	*0.07*
Japan, Miyagi Prefecture	4635	**40.6**	*0.62*	4.78	*0.09*	1801	**12.5**	*0.33*	1.43	*0.05*
Japan, Nagasaki Prefecture	3806	**46.2**	*0.79*	5.50	*0.12*	1608	**14.6**	*0.42*	1.70	*0.06*
Japan, Osaka Prefecture	16759	**43.3**	*0.34*	4.85	*0.05*	7144	**13.9**	*0.18*	1.53	*0.03*
Japan, Yamagata Prefecture	2877	**38.2**	*0.76*	4.55	*0.11*	1042	**11.7**	*0.43*	1.33	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Trachea, bronchus and lung (C33-34) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	41176	**51.1**	*0.26*	6.59	*0.04*	14691	**12.5**	*0.11*	1.47	*0.02*
Korea, Busan	3368	**46.2**	*0.85*	5.90	*0.13*	1303	**12.2**	*0.34*	1.40	*0.05*
Korea, Daegu	2480	**52.8**	*1.10*	6.86	*0.17*	933	**13.6**	*0.45*	1.56	*0.07*
Korea, Daejeon	1083	**46.3**	*1.46*	6.03	*0.23*	399	**11.7**	*0.60*	1.34	*0.09*
Korea, Gwangju	1201	**51.4**	*1.54*	6.92	*0.25*	479	**13.3**	*0.62*	1.58	*0.09*
Korea, Incheon	2170	**50.2**	*1.12*	6.41	*0.18*	822	**13.0**	*0.46*	1.52	*0.07*
Korea, Jejudo	309	**45.0**	*2.64*	5.55	*0.41*	120	**10.7**	*1.01*	1.35	*0.15*
Korea, Seoul	9057	**49.7**	*0.56*	5.89	*0.08*	3667	**14.4**	*0.24*	1.65	*0.04*
Korea, Ulsan	628	**57.6**	*2.45*	7.46	*0.39*	227	**13.9**	*0.95*	1.73	*0.15*
Kuwait: Kuwaitis	143	**15.6**	*1.33*	1.91	*0.20*	46	**4.6**	*0.72*	0.54	*0.11*
Kuwait: Non-Kuwaitis	156	**15.3**	*1.92*	1.62	*0.25*	22	**3.1**	*0.81*	0.24	*0.08*
Malaysia, Penang	698	**39.0**	*1.51*	5.04	*0.24*	220	**9.9**	*0.68*	1.25	*0.10*
Malaysia, Sarawak	711	**21.0**	*0.81*	2.70	*0.12*	395	**11.2**	*0.57*	1.44	*0.09*
Oman: Omani	160	**9.8**	*0.79*	1.27	*0.12*	36	**2.3**	*0.39*	0.25	*0.05**
Pakistan, South Karachi	596	**25.2**	*1.08*	3.31	*0.17*	62	**3.6**	*0.47*	0.47	*0.07**
Philippines, Manila	3165	**51.7**	*0.97*	6.69	*0.15*	1139	**14.8**	*0.45*	1.85	*0.07**
Singapore	3547	**45.3**	*0.77*	5.37	*0.11*	1584	**16.4**	*0.42*	1.72	*0.06*
Singapore: Chinese	3145	**51.8**	*0.93*	6.26	*0.14*	1436	**17.5**	*0.48*	1.86	*0.07*
Singapore: Indian	89	**12.1**	*1.35*	1.27	*0.16*	33	**6.8**	*1.25*	0.48	*0.13*
Singapore: Malay	313	**34.8**	*2.02*	4.03	*0.29*	115	**11.8**	*1.13*	1.33	*0.15*
Thailand, Chiang Mai	1236	**32.6**	*0.94*	4.18	*0.13*	934	**23.6**	*0.78*	3.07	*0.11**
Thailand, Lampang	1117	**51.7**	*1.56*	6.71	*0.23*	634	**27.0**	*1.09*	3.47	*0.16**
Thailand, Songkhla	409	**15.4**	*0.77*	2.06	*0.12*	168	**5.4**	*0.43*	0.66	*0.06*
Turkey, Antalya	1090	**37.5**	*1.15*	4.79	*0.16*	142	**4.8**	*0.40*	0.60	*0.06**
Turkey, Izmir	5886	**74.5**	*0.98*	9.89	*0.15*	505	**5.9**	*0.26*	0.74	*0.04**
Europe										
Austria	12849	**42.4**	*0.38*	5.34	*0.06*	5532	**13.9**	*0.21*	1.67	*0.03*
Austria, Tyrol	1071	**45.5**	*1.42*	5.73	*0.21*	447	**15.2**	*0.79*	1.82	*0.11*
Austria, Vorarlberg	547	**47.3**	*2.04*	6.06	*0.31*	186	**13.2**	*1.03*	1.72	*0.15*
Belarus	19017	**64.4**	*0.47*	8.53	*0.07*	2337	**4.6**	*0.10*	0.56	*0.01**
Belgium, Antwerp	3997	**54.6**	*0.90*	6.85	*0.13*	1021	**13.4**	*0.46*	1.70	*0.06**
Belgium, Flanders	11993	**58.0**	*0.55*	7.44	*0.08*	2330	**10.7**	*0.24*	1.29	*0.03*
Bulgaria	15536	**49.6**	*0.41*	6.28	*0.05*	2789	**7.0**	*0.14*	0.84	*0.02**
Croatia	12086	**72.1**	*0.67*	9.34	*0.09*	2830	**12.5**	*0.25*	1.51	*0.03*
Czech Republic	23276	**64.4**	*0.43*	8.33	*0.06*	6851	**14.0**	*0.18*	1.73	*0.03*
Denmark	10243	**46.2**	*0.48*	6.05	*0.07*	7803	**31.6**	*0.39*	4.23	*0.06*
Estonia	2971	**65.8**	*1.21*	8.91	*0.18*	678	**8.7**	*0.36*	1.07	*0.05*
Finland	7809	**37.3**	*0.43*	4.64	*0.07*	2745	**9.6**	*0.20*	1.16	*0.03*
France, Bas-Rhin	2091	**59.2**	*1.31*	7.55	*0.19*	479	**11.1**	*0.55*	1.34	*0.07*
France, Calvados	1257	**55.6**	*1.62*	7.09	*0.23*	218	**7.7**	*0.57*	0.90	*0.07*
France, Doubs	978	**53.3**	*1.75*	6.70	*0.25*	202	**9.8**	*0.74*	1.16	*0.10*
France, Haut-Rhin	1316	**51.6**	*1.45*	6.63	*0.21*	306	**9.9**	*0.61*	1.21	*0.08*
France, Herault	1740	**47.5**	*1.21*	6.06	*0.17*	403	**10.5**	*0.57*	1.23	*0.07*
France, Isere	1958	**49.5**	*1.15*	6.28	*0.17*	400	**8.7**	*0.47*	1.02	*0.06*
France, Loire-Atlantique	1579	**40.8**	*1.06*	5.18	*0.15*	362	**7.7**	*0.43*	0.93	*0.06*
France, Manche	941	**48.6**	*1.68*	5.93	*0.22*	128	**6.0**	*0.59*	0.69	*0.07*
France, Somme	1212	**61.4**	*1.84*	7.79	*0.26*	196	**8.4**	*0.66*	0.93	*0.08*
France, Tarn	727	**41.1**	*1.67*	5.02	*0.23*	139	**6.7**	*0.68*	0.69	*0.08*
France, Vendee	776	**34.5**	*1.31*	4.16	*0.17*	167	**6.9**	*0.58*	0.83	*0.07*
Germany, Brandenburg	5810	**55.6**	*0.74*	7.21	*0.11*	1597	**11.5**	*0.31*	1.43	*0.04*
Germany, Free State of Saxony	9140	**46.4**	*0.49*	6.04	*0.07*	2188	**7.7**	*0.19*	0.95	*0.03*
Germany, Hamburg	3833	**53.9**	*0.89*	6.83	*0.13*	1901	**20.8**	*0.54*	2.57	*0.07*
Germany, Mecklenburg-Western Pomerania	4175	**60.9**	*0.95*	7.87	*0.14*	1104	**11.6**	*0.38*	1.48	*0.05*
Germany, Munich	3525	**36.8**	*0.63*	4.58	*0.09*	1648	**13.6**	*0.37*	1.68	*0.05*
Germany, Northrhine-Westphalia: Munster	6019	**56.7**	*0.75*	7.17	*0.11*	1875	**14.2**	*0.37*	1.71	*0.05*
Germany, Saarland	2873	**59.6**	*1.14*	7.56	*0.17*	990	**17.3**	*0.61*	2.12	*0.08*
Iceland	296	**32.3**	*1.96*	4.23	*0.30*	303	**31.3**	*1.92*	4.09	*0.28*
Ireland	5184	**41.4**	*0.59*	5.17	*0.09*	3066	**20.3**	*0.40*	2.60	*0.06*
Italy, Biella Province	632	**63.2**	*2.63*	8.26	*0.39*	166	**10.8**	*1.00*	1.32	*0.14*
Italy, Brescia Province	1607	**62.7**	*1.60*	8.14	*0.24*	391	**11.3**	*0.64*	1.35	*0.09*
Italy, Ferrara Province	1346	**64.4**	*1.89*	8.38	*0.28*	327	**12.7**	*0.82*	1.61	*0.11*
Italy, Florence and Prato	3306	**52.9**	*0.99*	6.75	*0.14*	900	**12.1**	*0.47*	1.45	*0.06*
Italy, Genoa Province	1994	**63.3**	*1.52*	8.03	*0.22*	496	**11.5**	*0.62*	1.41	*0.08*
Italy, Macerata Province	432	**44.0**	*2.27*	5.77	*0.34*	101	**9.0**	*1.05*	1.09	*0.14*
Italy, Milan	3125	**57.8**	*1.09*	7.23	*0.16*	1295	**16.7**	*0.54*	2.00	*0.07*
Italy, Modena Province	1812	**55.6**	*1.39*	7.39	*0.21*	470	**12.9**	*0.67*	1.56	*0.09*
Italy, Naples	1035	**66.2**	*2.07*	8.93	*0.32*	189	**10.2**	*0.77*	1.20	*0.10*
Italy, North East Cancer Surveillance Network	4931	**49.1**	*0.73*	6.30	*0.11*	1625	**12.0**	*0.35*	1.48	*0.05*
Italy, Parma Province	1212	**53.9**	*1.67*	6.89	*0.25*	398	**13.5**	*0.82*	1.63	*0.11*
Italy, Ragusa Province	565	**45.1**	*2.01*	5.92	*0.29*	92	**5.4**	*0.62*	0.69	*0.09*
Italy, Reggio Emilia Province	1236	**50.7**	*1.54*	6.38	*0.23*	343	**13.4**	*0.84*	1.64	*0.11*
Italy, Romagna Region	3179	**58.5**	*1.11*	7.48	*0.17*	856	**14.1**	*0.57*	1.69	*0.07*
Italy, Salerno Province	1795	**50.0**	*1.23*	6.54	*0.18*	260	**6.1**	*0.42*	0.70	*0.05*
Italy, Sassari Province	961	**49.4**	*1.65*	6.30	*0.24*	187	**8.2**	*0.65*	1.00	*0.09*
Italy, Syracuse Province	609	**45.0**	*1.90*	6.07	*0.29*	88	**6.4**	*0.74*	0.77	*0.09*
Italy, Sondrio	501	**67.1**	*3.06*	8.65	*0.46*	112	**11.4**	*1.20*	1.39	*0.17*
Italy, Torino	2790	**57.8**	*1.14*	7.39	*0.17*	815	**12.6**	*0.51*	1.51	*0.07*
Italy, Umbria Region	2091	**44.6**	*1.06*	5.78	*0.16*	510	**9.8**	*0.51*	1.21	*0.07*
Italy, Varese Province	1308	**61.2**	*1.73*	7.79	*0.26*	309	**10.9**	*0.70*	1.31	*0.09*
Italy, Veneto Region	4797	**64.0**	*0.96*	8.24	*0.15*	1459	**14.3**	*0.43*	1.74	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Trachea, bronchus and lung (C33-34) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	4793	**61.8**	*0.90*	8.23	*0.13*	929	**7.0**	*0.25*	0.85	*0.03*
Lithuania	6950	**64.5**	*0.78*	8.48	*0.11*	1230	**6.6**	*0.21*	0.76	*0.03*
Malta	533	**38.8**	*1.72*	5.01	*0.27*	98	**6.1**	*0.65*	0.77	*0.09*
Norway	6516	**35.5**	*0.47*	4.53	*0.07*	3761	**19.2**	*0.35*	2.54	*0.05*
Poland, Cracow	1506	**60.2**	*1.57*	7.90	*0.23*	613	**17.0**	*0.73*	2.00	*0.10**
Poland, Kielce	3229	**76.9**	*1.39*	10.24	*0.20*	611	**10.4**	*0.45*	1.25	*0.06*
Poland, Warsaw City	2955	**48.2**	*0.91*	6.46	*0.13*	1520	**17.4**	*0.47*	2.22	*0.06*
Portugal, Porto	3133	**30.5**	*0.56*	3.89	*0.08*	685	**5.3**	*0.22*	0.64	*0.03**
Portugal, South Regional	3718	**32.5**	*0.55*	4.05	*0.08*	867	**6.2**	*0.23*	0.70	*0.03*
Russia, St Petersburg	7745	**55.0**	*0.63*	7.27	*0.09*	1894	**6.6**	*0.17*	0.77	*0.02*
Serbia	10672	**59.3**	*0.59*	7.58	*0.08*	3076	**15.3**	*0.29*	1.83	*0.04*
Slovak Republic	9481	**61.2**	*0.64*	8.06	*0.10*	1777	**8.1**	*0.20*	0.95	*0.03*
Slovenia	4033	**57.8**	*0.91*	7.54	*0.14*	1188	**13.0**	*0.40*	1.63	*0.05*
Spain, Albacete	491	**38.1**	*1.87*	4.78	*0.26*	49	**3.3**	*0.53*	0.43	*0.08*
Spain, Asturias	2833	**56.4**	*1.13*	6.89	*0.15*	354	**5.8**	*0.36*	0.64	*0.04*
Spain, Basque Country	3857	**54.3**	*0.91*	6.51	*0.12*	558	**7.0**	*0.33*	0.76	*0.04*
Spain, Canary Islands	2287	**49.4**	*1.05*	6.05	*0.15*	398	**7.5**	*0.40*	0.85	*0.05*
Spain, Cuenca	443	**38.2**	*2.12*	4.67	*0.28*	39	**3.4**	*0.71*	0.31	*0.07*
Spain, Girona	1300	**54.7**	*1.62*	6.80	*0.23*	134	**5.4**	*0.52*	0.66	*0.07*
Spain, Granada	1402	**43.0**	*1.22*	5.63	*0.18*	122	**3.3**	*0.33*	0.38	*0.04*
Spain, Murcia	2074	**50.4**	*1.16*	6.27	*0.16*	231	**4.8**	*0.34*	0.54	*0.04*
Spain, Navarra	1254	**51.6**	*1.55*	6.59	*0.22*	166	**6.9**	*0.59*	0.79	*0.07*
Spain, Tarragona	1037	**49.3**	*1.64*	6.04	*0.23*	99	**4.1**	*0.47*	0.42	*0.06*
Spain, Zaragoza	1839	**49.1**	*1.21*	6.28	*0.17*	172	**4.2**	*0.38*	0.45	*0.04*
Sweden	8437	**20.9**	*0.24*	2.79	*0.04*	6073	**14.5**	*0.20*	1.90	*0.03*
Switzerland, Geneva	705	**45.4**	*1.76*	5.72	*0.27*	391	**18.9**	*1.04*	2.38	*0.15*
Switzerland, Graubunden and Glarus	403	**44.7**	*2.33*	5.57	*0.35*	106	**10.9**	*1.15*	1.33	*0.15*
Switzerland, Neuchatel	343	**49.3**	*2.80*	6.61	*0.44*	140	**17.3**	*1.61*	2.11	*0.22*
Switzerland, St Gall-Appenzell	779	**39.9**	*1.48*	5.14	*0.23*	274	**12.9**	*0.84*	1.58	*0.11*
Switzerland, Ticino	648	**48.8**	*1.97*	6.47	*0.31*	250	**15.5**	*1.09*	1.88	*0.14*
Switzerland, Valais	514	**48.7**	*2.22*	6.28	*0.33*	197	**16.8**	*1.27*	2.13	*0.18*
Switzerland, Vaud	1126	**46.8**	*1.46*	5.94	*0.22*	528	**19.0**	*0.90*	2.35	*0.12*
The Netherlands	32797	**54.6**	*0.31*	7.10	*0.05*	12386	**19.7**	*0.19*	2.54	*0.03*
The Netherlands, Eindhoven	2272	**60.4**	*1.28*	7.74	*0.20*	740	**18.7**	*0.71*	2.37	*0.10*
The Netherlands, Maastricht	2138	**57.4**	*1.27*	7.43	*0.19*	729	**19.1**	*0.74*	2.40	*0.10*
UK, East of England Region	4688	**35.4**	*0.55*	4.32	*0.08*	2606	**17.3**	*0.38*	2.15	*0.06*
UK, England, Merseyside and Cheshire	5873	**55.9**	*0.76*	6.73	*0.11*	4320	**31.9**	*0.54*	4.07	*0.08*
UK, England, North Western	9094	**51.9**	*0.57*	6.46	*0.09*	6169	**28.3**	*0.40*	3.67	*0.06*
UK, England, Northern and Yorkshire	15639	**53.4**	*0.45*	6.62	*0.07*	10864	**30.0**	*0.32*	3.89	*0.05*
UK, England, Oxford Region	3630	**33.0**	*0.57*	3.90	*0.09*	2130	**16.4**	*0.39*	2.08	*0.06*
UK, England, South and Western Regions	11995	**35.8**	*0.35*	4.31	*0.05*	7253	**17.8**	*0.24*	2.21	*0.04*
UK, England, Thames	23713	**41.2**	*0.28*	4.92	*0.04*	15168	**21.1**	*0.19*	2.65	*0.03*
UK, England, Trent	10193	**46.0**	*0.48*	5.60	*0.07*	6107	**23.1**	*0.33*	2.97	*0.05*
UK, England, West Midlands	10435	**44.3**	*0.45*	5.50	*0.07*	5650	**19.9**	*0.30*	2.56	*0.04*
UK, Northern Ireland	2693	**44.8**	*0.89*	5.79	*0.14*	1735	**22.9**	*0.60*	2.98	*0.09*
UK, Scotland	12969	**60.9**	*0.55*	7.64	*0.08*	9764	**34.9**	*0.39*	4.52	*0.06*
Oceania										
Australia, New South Wales	9278	**37.7**	*0.41*	4.77	*0.06*	4685	**17.1**	*0.27*	2.18	*0.04*
Australia, Northern Territory	175	**51.4**	*4.07*	6.44	*0.62*	70	**22.7**	*2.87*	2.92	*0.49*
Australia, Queensland	5270	**41.2**	*0.59*	5.14	*0.09*	2487	**18.1**	*0.39*	2.34	*0.06*
Australia, South	2323	**36.3**	*0.79*	4.51	*0.12*	1202	**16.7**	*0.54*	2.11	*0.08*
Australia, Tasmania	816	**42.9**	*1.56*	5.51	*0.24*	447	**21.4**	*1.10*	2.61	*0.16*
Australia, Victoria	6619	**36.6**	*0.47*	4.49	*0.07*	3685	**17.5**	*0.32*	2.19	*0.05*
Australia, Western	2524	**39.8**	*0.81*	5.02	*0.13*	1339	**18.5**	*0.54*	2.36	*0.08*
Australian Capital Territory	223	**25.6**	*1.77*	3.07	*0.27*	138	**13.7**	*1.24*	1.68	*0.19*
French Polynesia	250	**62.3**	*4.06*	7.86	*0.60*	95	**23.6**	*2.45*	2.93	*0.36*
New Zealand	4733	**35.3**	*0.53*	4.42	*0.08*	3159	**21.3**	*0.41*	2.74	*0.06*
USA, Hawaii	1983	**43.8**	*1.05*	5.63	*0.16*	1275	**24.2**	*0.74*	3.10	*0.11*
USA, Hawaii: Chinese	121	**28.6**	*2.92*	3.60	*0.45*	85	**16.7**	*2.06*	2.20	*0.32*
USA, Hawaii: Filipino	332	**48.7**	*2.86*	6.17	*0.42*	143	**19.1**	*1.64*	2.42	*0.24*
USA, Hawaii: Hawaiian	324	**68.4**	*3.86*	8.88	*0.61*	257	**45.9**	*2.93*	5.88	*0.44*
USA, Hawaii: Japanese	504	**31.0**	*1.64*	3.80	*0.25*	278	**13.7**	*1.03*	1.68	*0.15*
USA, Hawaii: White	566	**48.1**	*2.11*	6.45	*0.34*	423	**33.3**	*1.77*	4.34	*0.28*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other thoracic organs (C37-38)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	38	**1.8**	*0.30*	-	-	17	**0.8**	*0.20*	-	- *
Egypt, Gharbiah	21	**0.4**	*0.08*	-	-	6	**0.1**	*0.05*	-	-
Tunisia, Centre, Sousse	5	**0.5**	*0.24*	-	-	2	**0.1**	*0.10*	-	- *
Uganda, Kyadondo County	1	**0.0**	*0.02*	-	-	3	**0.2**	*0.18*	-	- *
Zimbabwe, Harare: African	12	**0.7**	*0.24*	-	-	11	**0.6**	*0.27*	-	- *
America, Central and South										
Argentina, Bahia Blanca	15	**1.6**	*0.45*	0.16	*0.06*	4	**0.4**	*0.22*	0.04	*0.02*
Brazil, Brasilia	58	**2.9**	*0.40*	0.32	*0.06*	69	**2.7**	*0.35*	0.31	*0.05*
Brazil, Cuiaba	12	**2.1**	*0.61*	0.28	*0.10*	3	**0.4**	*0.22*	0.04	*0.03*
Brazil, Goiania	11	**0.7**	*0.21*	0.05	*0.02*	9	**0.5**	*0.16*	0.04	*0.02*
Brazil, Sao Paulo	148	**0.7**	*0.06*	0.08	*0.01*	154	**0.6**	*0.05*	0.06	*0.01*
Chile, Valdivia	2	**0.2**	*0.14*	0.04	*0.03*	1	**0.1**	*0.09*	0.01	*0.01*
Colombia, Cali	36	**1.0**	*0.17*	0.12	*0.03*	19	**0.4**	*0.10*	0.05	*0.02*
Costa Rica	46	**0.6**	*0.09*	0.06	*0.01*	28	**0.4**	*0.07*	0.04	*0.01*
Ecuador, Quito	11	**0.3**	*0.10*	0.03	*0.02*	1	**0.0**	*0.04*	0.00	*0.00*
France, La Martinique	3	**0.3**	*0.17*	0.03	*0.02*	12	**0.9**	*0.26*	0.08	*0.03*
Peru, Trujillo	1	**0.1**	*0.06*	0.00	*0.00*	1	**0.1**	*0.12*	0.02	*0.02* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	355	**0.5**	*0.03*	0.05	*0.00*	255	**0.3**	*0.02*	0.03	*0.00*
Canada, Alberta	43	**0.5**	*0.07*	0.04	*0.01*	28	**0.3**	*0.06*	0.03	*0.01*
Canada, British Columbia	40	**0.4**	*0.07*	0.04	*0.01*	34	**0.3**	*0.06*	0.03	*0.01*
Canada, Manitoba	12	**0.3**	*0.09*	0.03	*0.01*	6	**0.1**	*0.06*	0.02	*0.01*
Canada, New Brunswick	7	**0.3**	*0.12*	0.03	*0.01*	5	**0.2**	*0.08*	0.02	*0.01*
Canada, Newfoundland and Labrador	3	**0.2**	*0.11*	0.02	*0.01*	0	**-**	-	-	-
Canada, Northwest Territories	0	**-**	-	-	-	0	**-**	-	-	-
Canada, Nova Scotia	12	**0.5**	*0.17*	0.04	*0.01*	6	**0.2**	*0.08*	0.03	*0.01*
Canada, Ontario	219	**0.6**	*0.04*	0.06	*0.00*	166	**0.4**	*0.03*	0.04	*0.00*
Canada, Prince Edward Island	3	**0.6**	*0.36*	0.08	*0.06*	1	**0.3**	*0.27*	0.03	*0.03*
Canada, Saskatchewan	16	**0.5**	*0.14*	0.06	*0.02*	9	**0.4**	*0.13*	0.03	*0.01*
USA, Alabama	49	**0.4**	*0.06*	0.04	*0.01*	42	**0.3**	*0.04*	0.03	*0.00*
USA, Alabama: Black	14	**0.6**	*0.15*	0.06	*0.02*	11	**0.3**	*0.09*	0.03	*0.01*
USA, Alabama: White	35	**0.4**	*0.07*	0.04	*0.01*	30	**0.2**	*0.05*	0.03	*0.01*
USA, Alaska	5	**0.3**	*0.16*	0.03	*0.02*	3	**0.2**	*0.09*	0.01	*0.01*
USA, Arizona	53	**0.3**	*0.05*	0.03	*0.01*	32	**0.2**	*0.03*	0.02	*0.00*
USA, California	431	**0.5**	*0.02*	0.05	*0.00*	199	**0.2**	*0.01*	0.02	*0.00*
USA, California: Asian and Pacific Islander	57	**0.5**	*0.07*	0.05	*0.01*	39	**0.3**	*0.05*	0.03	*0.01*
USA, California: Black	27	**0.5**	*0.09*	0.05	*0.01*	20	**0.3**	*0.06*	0.03	*0.01*
USA, California: Hispanic White	99	**0.4**	*0.04*	0.03	*0.01*	34	**0.2**	*0.03*	0.02	*0.00*
USA, California: Non-Hispanic White	241	**0.4**	*0.03*	0.05	*0.00*	105	**0.2**	*0.02*	0.02	*0.00*
USA, California, Greater San Francisco Bay Area	92	**0.5**	*0.06*	0.05	*0.01*	56	**0.3**	*0.04*	0.03	*0.00*
USA, California, Greater San Francisco Bay Area: Black	6	**0.5**	*0.21*	0.07	*0.03*	4	**0.2**	*0.15*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Chinese	6	**0.3**	*0.14*	0.05	*0.02*	5	**0.3**	*0.14*	0.02	*0.01*
USA, California, Greater San Francisco Bay Area: Filipino	6	**0.7**	*0.29*	0.06	*0.03*	3	**0.2**	*0.15*	0.02	*0.02*
USA, California, Greater San Francisco Bay Area: Japanese	4	**1.5**	*0.81*	0.14	*0.09*	2	**0.4**	*0.33*	0.03	*0.03*
USA, California, Greater San Francisco Bay Area: Hispanic White	15	**0.5**	*0.13*	0.04	*0.01*	7	**0.2**	*0.10*	0.02	*0.01*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	47	**0.5**	*0.08*	0.05	*0.01*	26	**0.2**	*0.04*	0.02	*0.00*
USA, California, Los Angeles County	116	**0.5**	*0.04*	0.05	*0.01*	51	**0.2**	*0.03*	0.02	*0.00*
USA, California, Los Angeles County: Black	10	**0.4**	*0.13*	0.05	*0.02*	8	**0.2**	*0.08*	0.03	*0.01*
USA, California, Los Angeles County: Chinese	5	**0.6**	*0.28*	0.07	*0.03*	1	**0.1**	*0.10*	0.01	*0.01*
USA, California, Los Angeles County: Filipino	3	**0.3**	*0.20*	0.04	*0.03*	2	**0.2**	*0.13*	0.02	*0.01*
USA, California, Los Angeles County: Japanese	4	**0.9**	*0.46*	0.09	*0.05*	1	**0.1**	*0.08*	-	-
USA, California, Los Angeles County: Korean	1	**0.2**	*0.19*	0.02	*0.02*	1	**0.2**	*0.16*	0.01	*0.01*
USA, California, Los Angeles County: Hispanic White	34	**0.4**	*0.07*	0.03	*0.01*	11	**0.1**	*0.04*	0.02	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	54	**0.5**	*0.07*	0.05	*0.01*	24	**0.2**	*0.05*	0.02	*0.01*
USA, Colorado	44	**0.4**	*0.06*	0.03	*0.01*	28	**0.2**	*0.04*	0.02	*0.00*
USA, Connecticut	36	**0.4**	*0.07*	0.03	*0.01*	40	**0.4**	*0.07*	0.04	*0.01*
USA, Connecticut: Black	4	**0.5**	*0.25*	0.05	*0.03*	4	**0.4**	*0.22*	0.04	*0.03*
USA, Connecticut: White	32	**0.4**	*0.07*	0.03	*0.01*	36	**0.4**	*0.08*	0.04	*0.01*
USA, District of Columbia	8	**0.5**	*0.17*	0.04	*0.02*	7	**0.4**	*0.18*	0.04	*0.02*
USA, District of Columbia: Black	4	**0.4**	*0.22*	0.04	*0.02*	5	**0.3**	*0.15*	0.03	*0.02*
USA, District of Columbia: White	3	**0.4**	*0.25*	0.04	*0.02*	1	**0.2**	*0.17*	0.04	*0.04*
USA, Florida	225	**0.4**	*0.03*	0.04	*0.00*	151	**0.2**	*0.02*	0.02	*0.00*
USA, Florida: Black	28	**0.5**	*0.10*	0.06	*0.01*	21	**0.3**	*0.07*	0.03	*0.01*
USA, Florida: White	194	**0.4**	*0.04*	0.04	*0.00*	126	**0.2**	*0.03*	0.02	*0.00*
USA, Georgia	85	**0.4**	*0.04*	0.04	*0.01*	65	**0.3**	*0.03*	0.03	*0.00*
USA, Georgia: Black	25	**0.5**	*0.10*	0.06	*0.01*	21	**0.3**	*0.08*	0.03	*0.01*
USA, Georgia: White	56	**0.3**	*0.05*	0.03	*0.01*	42	**0.2**	*0.04*	0.02	*0.00*
USA, Georgia, Atlanta	40	**0.6**	*0.09*	0.06	*0.01*	24	**0.3**	*0.06*	0.03	*0.01*
USA, Georgia, Atlanta: Black	15	**0.7**	*0.20*	0.08	*0.03*	10	**0.4**	*0.14*	0.05	*0.02*
USA, Georgia, Atlanta: White	24	**0.5**	*0.10*	0.06	*0.02*	13	**0.2**	*0.06*	0.02	*0.01*
USA, Idaho	16	**0.5**	*0.12*	0.05	*0.01*	5	**0.2**	*0.07*	0.02	*0.01*
USA, Illinois	141	**0.4**	*0.03*	0.04	*0.00*	108	**0.3**	*0.03*	0.03	*0.00*
USA, Illinois: Black	23	**0.5**	*0.11*	0.05	*0.01*	13	**0.2**	*0.06*	0.03	*0.01*
USA, Illinois: White	111	**0.4**	*0.04*	0.04	*0.00*	93	**0.3**	*0.03*	0.03	*0.00*
USA, Indiana	58	**0.3**	*0.05*	0.03	*0.00*	40	**0.2**	*0.03*	0.02	*0.00*
USA, Iowa	29	**0.3**	*0.07*	0.03	*0.01*	13	**0.1**	*0.03*	0.01	*0.00*
USA, Kentucky	35	**0.3**	*0.06*	0.03	*0.01*	25	**0.2**	*0.04*	0.02	*0.00*
USA, Louisiana	63	**0.5**	*0.07*	0.05	*0.01*	39	**0.3**	*0.05*	0.03	*0.01*
USA, Louisiana: Black	15	**0.5**	*0.12*	0.05	*0.01*	12	**0.3**	*0.08*	0.03	*0.01*
USA, Louisiana: White	45	**0.6**	*0.09*	0.06	*0.01*	26	**0.3**	*0.07*	0.03	*0.01*
USA, Louisiana, New Orleans: Black	6	**0.6**	*0.24*	0.05	*0.03*	4	**0.3**	*0.14*	0.04	*0.02*
USA, Louisiana, New Orleans: White	10	**0.5**	*0.18*	0.06	*0.02*	11	**0.7**	*0.26*	0.07	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other thoracic organs (C37-38) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	20	**0.5**	*0.12*	0.04	*0.01*	10	**0.2**	*0.06*	0.02	*0.01*
USA, Massachusetts	95	**0.5**	*0.06*	0.05	*0.01*	67	**0.3**	*0.05*	0.03	*0.00*
USA, Michigan	149	**0.5**	*0.05*	0.05	*0.00*	83	**0.3**	*0.03*	0.03	*0.00*
USA, Michigan: Black	22	**0.6**	*0.13*	0.05	*0.01*	10	**0.2**	*0.07*	0.01	*0.01*
USA, Michigan: White	125	**0.5**	*0.05*	0.05	*0.01*	73	**0.3**	*0.04*	0.03	*0.00*
USA, Michigan, Detroit	68	**0.6**	*0.08*	0.06	*0.01*	38	**0.3**	*0.06*	0.03	*0.01*
USA, Michigan, Detroit: Black	15	**0.6**	*0.15*	0.05	*0.02*	6	**0.2**	*0.09*	0.01	*0.01*
USA, Michigan, Detroit: White	53	**0.7**	*0.10*	0.07	*0.01*	31	**0.4**	*0.07*	0.03	*0.01*
USA, Missouri	77	**0.4**	*0.05*	0.04	*0.01*	52	**0.3**	*0.04*	0.03	*0.00*
USA, Missouri: Black	11	**0.8**	*0.25*	0.10	*0.04*	6	**0.2**	*0.11*	0.02	*0.01*
USA, Missouri: White	66	**0.4**	*0.06*	0.04	*0.01*	46	**0.3**	*0.05*	0.03	*0.00*
USA, Montana	11	**0.4**	*0.12*	0.04	*0.01*	10	**0.3**	*0.13*	0.03	*0.01*
USA, NPCR	2800	**0.4**	*0.01*	0.04	*0.00*	1812	**0.2**	*0.01*	0.02	*0.00*
USA, NPCR: Black	328	**0.5**	*0.03*	0.05	*0.00*	255	**0.3**	*0.02*	0.03	*0.00*
USA, NPCR: White	2298	**0.4**	*0.01*	0.04	*0.00*	1455	**0.2**	*0.01*	0.02	*0.00*
USA, New Jersey	146	**0.6**	*0.05*	0.06	*0.01*	100	**0.4**	*0.04*	0.03	*0.00*
USA, New Jersey: Black	15	**0.5**	*0.14*	0.05	*0.02*	13	**0.4**	*0.12*	0.03	*0.01*
USA, New Jersey: White	120	**0.6**	*0.06*	0.06	*0.01*	83	**0.3**	*0.04*	0.03	*0.00*
USA, New Mexico	17	**0.3**	*0.09*	0.02	*0.01*	16	**0.3**	*0.08*	0.02	*0.01*
USA, New Mexico: American Indian	0	**-**	-	-	-	0	**-**	-	-	-
USA, New Mexico: Hispanic White	9	**0.5**	*0.17*	0.05	*0.02*	4	**0.2**	*0.09*	0.01	*0.00*
USA, New Mexico: Non-Hispanic White	8	**0.3**	*0.17*	0.02	*0.01*	12	**0.5**	*0.18*	0.04	*0.01*
USA, New York State	269	**0.5**	*0.03*	0.05	*0.00*	194	**0.3**	*0.02*	0.03	*0.00*
USA, New York State: Black	38	**0.5**	*0.09*	0.05	*0.01*	26	**0.3**	*0.05*	0.02	*0.01*
USA, New York State: White	209	**0.5**	*0.04*	0.05	*0.00*	158	**0.3**	*0.03*	0.03	*0.00*
USA, Ohio	123	**0.4**	*0.04*	0.03	*0.00*	83	**0.2**	*0.03*	0.02	*0.00*
USA, Ohio: Black	16	**0.5**	*0.12*	0.04	*0.01*	15	**0.4**	*0.10*	0.02	*0.01*
USA, Ohio: White	103	**0.4**	*0.04*	0.03	*0.00*	67	**0.2**	*0.03*	0.02	*0.00*
USA, Oklahoma	34	**0.3**	*0.06*	0.03	*0.01*	31	**0.3**	*0.06*	0.02	*0.01*
USA, Oregon	39	**0.4**	*0.07*	0.04	*0.01*	25	**0.2**	*0.05*	0.02	*0.01*
USA, Pennsylvania	178	**0.5**	*0.04*	0.05	*0.00*	132	**0.3**	*0.03*	0.03	*0.00*
USA, Pennsylvania: Black	18	**0.6**	*0.14*	0.06	*0.01*	15	**0.4**	*0.11*	0.04	*0.01*
USA, Pennsylvania: White	154	**0.5**	*0.04*	0.05	*0.00*	110	**0.3**	*0.03*	0.03	*0.00*
USA, Rhode Island	11	**0.4**	*0.13*	0.04	*0.01*	8	**0.4**	*0.14*	0.03	*0.01*
USA, SEER (9 Registries)	366	**0.5**	*0.03*	0.05	*0.00*	218	**0.3**	*0.02*	0.03	*0.00*
USA, SEER (9 Registries): Black	46	**0.6**	*0.10*	0.07	*0.01*	25	**0.3**	*0.06*	0.03	*0.01*
USA, SEER (9 Registries): White	275	**0.5**	*0.03*	0.05	*0.00*	160	**0.3**	*0.02*	0.02	*0.00*
USA, SEER (14 Registries)	978	**0.5**	*0.02*	0.05	*0.00*	548	**0.2**	*0.01*	0.02	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	99	**0.6**	*0.06*	0.05	*0.01*	65	**0.3**	*0.04*	0.03	*0.00*
USA, SEER (14 Registries): Black	101	**0.5**	*0.05*	0.05	*0.01*	67	**0.3**	*0.04*	0.03	*0.00*
USA, SEER (14 Registries): Hispanic White	140	**0.4**	*0.04*	0.04	*0.00*	50	**0.2**	*0.03*	0.02	*0.00*
USA, SEER (14 Registries): Non-Hispanic White	628	**0.5**	*0.02*	0.05	*0.00*	364	**0.2**	*0.01*	0.02	*0.00*
USA, South Carolina	44	**0.4**	*0.07*	0.03	*0.01*	30	**0.2**	*0.05*	0.02	*0.00*
USA, South Carolina: Black	11	**0.4**	*0.11*	0.04	*0.01*	12	**0.3**	*0.10*	0.04	*0.01*
USA, South Carolina: White	31	**0.4**	*0.09*	0.03	*0.01*	15	**0.2**	*0.06*	0.01	*0.00*
USA, Texas	220	**0.4**	*0.03*	0.04	*0.00*	145	**0.2**	*0.02*	0.02	*0.00*
USA, Texas: Black	29	**0.5**	*0.10*	0.05	*0.01*	27	**0.3**	*0.07*	0.04	*0.01*
USA, Texas: White	176	**0.4**	*0.03*	0.03	*0.00*	116	**0.2**	*0.02*	0.02	*0.00*
USA, Utah	22	**0.4**	*0.09*	0.04	*0.01*	8	**0.1**	*0.04*	0.01	*0.00*
USA, Vermont	5	**0.2**	*0.10*	0.02	*0.01*	5	**0.2**	*0.08*	0.03	*0.02*
USA, Washington State	84	**0.5**	*0.06*	0.05	*0.01*	41	**0.2**	*0.04*	0.02	*0.00*
USA, Washington, Seattle	66	**0.6**	*0.07*	0.06	*0.01*	28	**0.2**	*0.05*	0.02	*0.00*
USA, West Virginia	24	**0.4**	*0.09*	0.05	*0.01*	7	**0.1**	*0.04*	0.01	*0.00*
USA, Wisconsin	51	**0.3**	*0.05*	0.03	*0.01*	52	**0.3**	*0.05*	0.02	*0.00*
Asia										
Bahrain: Bahraini	5	**0.8**	*0.36*	0.11	*0.06*	1	**0.2**	*0.20*	0.03	*0.03*
China, Guangzhou City	50	**0.9**	*0.13*	0.10	*0.02*	25	**0.4**	*0.08*	0.04	*0.01**
China, Hong Kong	134	**0.6**	*0.06*	0.07	*0.01*	102	**0.5**	*0.05*	0.05	*0.01*
China, Jiashan	7	**0.6**	*0.24*	0.05	*0.03*	5	**0.4**	*0.17*	0.05	*0.02**
China, Nangang District, Harbin City	42	**1.8**	*0.28*	0.21	*0.04*	28	**1.1**	*0.22*	0.12	*0.03*
China, Shanghai	288	**1.2**	*0.08*	0.13	*0.01*	178	**0.8**	*0.08*	0.08	*0.01**
China, Zhongshan	22	**0.7**	*0.15*	0.07	*0.02*	13	**0.4**	*0.11*	0.04	*0.01**
Cyprus	8	**0.5**	*0.18*	0.05	*0.02*	10	**0.4**	*0.13*	0.06	*0.02**
India, Chennai (Madras)	29	**0.3**	*0.06*	0.03	*0.01*	14	**0.2**	*0.04*	0.01	*0.00*
India, New Delhi	111	**0.5**	*0.05*	0.07	*0.01*	93	**0.5**	*0.06*	0.06	*0.01**
India, Karunagappally	3	**0.3**	*0.19*	0.03	*0.02*	0	**-**	-	-	-
India, Mumbai (Bombay)	80	**0.3**	*0.04*	0.03	*0.01*	61	**0.3**	*0.04*	0.03	*0.00*
India, Nagpur	11	**0.3**	*0.08*	0.03	*0.01*	8	**0.2**	*0.07*	0.02	*0.01**
India, Poona	27	**0.4**	*0.09*	0.05	*0.01*	9	**0.2**	*0.05*	0.02	*0.01**
India, Trivandrum	8	**0.3**	*0.10*	0.02	*0.01*	6	**0.2**	*0.08*	0.02	*0.01**
Israel	116	**0.7**	*0.07*	0.08	*0.01*	104	**0.6**	*0.06*	0.05	*0.01*
Israel: Jews	100	**0.7**	*0.08*	0.08	*0.01*	93	**0.6**	*0.07*	0.05	*0.01*
Israel: Non-Jews	9	**0.4**	*0.17*	0.06	*0.03*	7	**0.2**	*0.09*	0.02	*0.01*
Japan, Aichi Prefecture	27	**0.9**	*0.18*	0.09	*0.02*	12	**0.3**	*0.09*	0.05	*0.01*
Japan, Fukui Prefecture	26	**0.8**	*0.17*	0.10	*0.02*	6	**0.1**	*0.06*	0.01	*0.01*
Japan, Hiroshima	40	**1.1**	*0.20*	0.11	*0.02*	13	**0.4**	*0.14*	0.03	*0.01*
Japan, Miyagi Prefecture	62	**0.7**	*0.09*	0.07	*0.01*	38	**0.4**	*0.09*	0.04	*0.01*
Japan, Nagasaki Prefecture	51	**0.8**	*0.13*	0.09	*0.01*	38	**0.6**	*0.13*	0.07	*0.01*
Japan, Osaka Prefecture	162	**0.5**	*0.05*	0.05	*0.00*	87	**0.2**	*0.03*	0.02	*0.00*
Japan, Yamagata Prefecture	24	**0.4**	*0.09*	0.05	*0.01*	21	**0.2**	*0.05*	0.03	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other thoracic organs (C37-38) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	707	**0.8**	*0.03*	0.08	*0.00*	424	**0.4**	*0.02*	0.04	*0.00*
Korea, Busan	96	**1.1**	*0.13*	0.12	*0.02*	50	**0.5**	*0.07*	0.05	*0.01*
Korea, Daegu	53	**0.9**	*0.14*	0.10	*0.02*	31	**0.5**	*0.09*	0.06	*0.01*
Korea, Daejeon	23	**0.9**	*0.19*	0.13	*0.03*	13	**0.3**	*0.09*	0.02	*0.01*
Korea, Gwangju	26	**0.9**	*0.19*	0.09	*0.02*	17	**0.5**	*0.12*	0.06	*0.02*
Korea, Incheon	35	**0.6**	*0.12*	0.06	*0.01*	37	**0.6**	*0.10*	0.06	*0.01*
Korea, Jejudo	6	**0.8**	*0.32*	0.10	*0.06*	2	**0.2**	*0.12*	0.01	*0.01*
Korea, Seoul	176	**0.8**	*0.07*	0.09	*0.01*	121	**0.5**	*0.05*	0.05	*0.01*
Korea, Ulsan	18	**1.5**	*0.41*	0.12	*0.04*	5	**0.3**	*0.14*	0.03	*0.02*
Kuwait: Kuwaitis	6	**0.4**	*0.19*	0.03	*0.02*	3	**0.2**	*0.13*	0.02	*0.02*
Kuwait: Non-Kuwaitis	10	**0.8**	*0.45*	0.09	*0.06*	3	**0.8**	*0.51*	0.11	*0.08*
Malaysia, Penang	11	**0.4**	*0.13*	0.04	*0.01*	2	**0.1**	*0.06*	0.01	*0.01*
Malaysia, Sarawak	17	**0.4**	*0.11*	0.05	*0.02*	20	**0.5**	*0.12*	0.06	*0.02*
Oman: Omani	8	**0.4**	*0.15*	0.03	*0.01*	1	**0.0**	*0.02*	0.00	*0.00**
Pakistan, South Karachi	8	**0.3**	*0.13*	0.05	*0.02*	5	**0.2**	*0.11*	0.02	*0.02**
Philippines, Manila	54	**0.8**	*0.12*	0.10	*0.02*	56	**0.7**	*0.09*	0.06	*0.01**
Singapore	41	**0.5**	*0.08*	0.05	*0.01*	32	**0.3**	*0.06*	0.04	*0.01*
Singapore: Chinese	36	**0.6**	*0.09*	0.05	*0.01*	27	**0.3**	*0.07*	0.04	*0.01*
Singapore: Indian	1	**0.2**	*0.21*	0.01	*0.01*	2	**0.4**	*0.29*	0.05	*0.04*
Singapore: Malay	4	**0.5**	*0.23*	0.04	*0.02*	3	**0.2**	*0.15*	0.03	*0.02*
Thailand, Chiang Mai	14	**0.4**	*0.10*	0.03	*0.01*	4	**0.1**	*0.06*	0.01	*0.00**
Thailand, Lampang	0	**-**	-	-	-	2	**0.1**	*0.05*	0.01	*0.00**
Thailand, Songkhla	8	**0.3**	*0.09*	0.02	*0.01*	4	**0.1**	*0.07*	0.02	*0.01*
Turkey, Antalya	14	**0.5**	*0.13*	0.04	*0.01*	8	**0.3**	*0.09*	0.04	*0.01**
Turkey, Izmir	51	**0.6**	*0.09*	0.08	*0.01*	12	**0.1**	*0.04*	0.02	*0.00**
Europe										
Austria	159	**0.6**	*0.05*	0.07	*0.01*	122	**0.4**	*0.04*	0.04	*0.00*
Austria, Tyrol	8	**0.4**	*0.14*	0.04	*0.02*	7	**0.3**	*0.11*	0.04	*0.02*
Austria, Vorarlberg	9	**0.8**	*0.27*	0.08	*0.03*	3	**0.3**	*0.15*	0.03	*0.02*
Belarus	169	**0.6**	*0.05*	0.07	*0.01*	107	**0.3**	*0.04*	0.03	*0.00**
Belgium, Antwerp	23	**0.4**	*0.09*	0.05	*0.01*	21	**0.3**	*0.08*	0.04	*0.01**
Belgium, Flanders	141	**0.7**	*0.06*	0.08	*0.01*	111	**0.5**	*0.06*	0.05	*0.01*
Bulgaria	237	**0.8**	*0.06*	0.09	*0.01*	112	**0.4**	*0.04*	0.04	*0.00**
Croatia	99	**0.7**	*0.07*	0.07	*0.01*	84	**0.4**	*0.05*	0.05	*0.01*
Czech Republic	284	**0.8**	*0.05*	0.09	*0.01*	191	**0.4**	*0.04*	0.04	*0.00*
Denmark	97	**0.5**	*0.06*	0.05	*0.01*	74	**0.3**	*0.04*	0.03	*0.01*
Estonia	13	**0.3**	*0.09*	0.03	*0.01*	11	**0.3**	*0.10*	0.02	*0.01*
Finland	53	**0.3**	*0.04*	0.03	*0.01*	54	**0.2**	*0.04*	0.02	*0.00*
France, Bas-Rhin	31	**1.0**	*0.18*	0.12	*0.02*	13	**0.3**	*0.09*	0.03	*0.01*
France, Calvados	15	**0.7**	*0.19*	0.09	*0.02*	8	**0.4**	*0.16*	0.03	*0.01*
France, Doubs	5	**0.3**	*0.15*	0.03	*0.01*	6	**0.3**	*0.12*	0.03	*0.02*
France, Haut-Rhin	12	**0.5**	*0.15*	0.05	*0.01*	5	**0.2**	*0.13*	0.03	*0.01*
France, Herault	17	**0.5**	*0.12*	0.05	*0.01*	11	**0.3**	*0.09*	0.03	*0.01*
France, Isere	27	**0.7**	*0.14*	0.06	*0.01*	9	**0.2**	*0.08*	0.02	*0.01*
France, Loire-Atlantique	33	**0.9**	*0.16*	0.08	*0.02*	8	**0.1**	*0.06*	0.02	*0.01*
France, Manche	16	**0.9**	*0.25*	0.10	*0.03*	9	**0.6**	*0.24*	0.06	*0.02*
France, Somme	8	**0.4**	*0.14*	0.04	*0.02*	8	**0.4**	*0.14*	0.05	*0.02*
France, Tarn	12	**0.8**	*0.25*	0.12	*0.03*	2	**0.1**	*0.10*	0.02	*0.01*
France, Vendee	18	**0.8**	*0.20*	0.09	*0.02*	16	**0.6**	*0.17*	0.07	*0.02*
Germany, Brandenburg	60	**0.6**	*0.07*	0.07	*0.01*	52	**0.4**	*0.06*	0.05	*0.01*
Germany, Free State of Saxony	119	**0.7**	*0.07*	0.08	*0.01*	56	**0.2**	*0.05*	0.02	*0.00*
Germany, Hamburg	11	**0.3**	*0.09*	0.02	*0.01*	22	**0.2**	*0.06*	0.02	*0.01*
Germany, Mecklenburg-Western Pomerania	43	**0.8**	*0.13*	0.08	*0.01*	27	**0.3**	*0.07*	0.03	*0.01*
Germany, Munich	52	**0.6**	*0.09*	0.06	*0.01*	34	**0.3**	*0.06*	0.03	*0.01*
Germany, Northrhine-Westphalia: Munster	56	**0.6**	*0.08*	0.06	*0.01*	33	**0.3**	*0.05*	0.03	*0.01*
Germany, Saarland	36	**0.8**	*0.17*	0.09	*0.02*	12	**0.2**	*0.06*	0.02	*0.01*
Iceland	3	**0.4**	*0.24*	0.03	*0.02*	1	**0.1**	*0.12*	0.01	*0.01*
Ireland	61	**0.5**	*0.07*	0.05	*0.01*	39	**0.3**	*0.05*	0.03	*0.01*
Italy, Biella Province	6	**0.5**	*0.20*	0.04	*0.03*	3	**0.2**	*0.11*	0.03	*0.02*
Italy, Brescia Province	18	**0.7**	*0.17*	0.08	*0.02*	14	**0.6**	*0.21*	0.05	*0.02*
Italy, Ferrara Province	19	**0.9**	*0.23*	0.08	*0.03*	15	**0.7**	*0.22*	0.06	*0.02*
Italy, Florence and Prato	41	**0.9**	*0.17*	0.07	*0.01*	29	**0.3**	*0.07*	0.03	*0.01*
Italy, Genoa Province	44	**1.3**	*0.23*	0.14	*0.03*	31	**0.6**	*0.15*	0.08	*0.02*
Italy, Macerata Province	12	**1.5**	*0.54*	0.18	*0.06*	4	**0.3**	*0.22*	0.03	*0.02*
Italy, Milan	35	**0.6**	*0.14*	0.04	*0.01*	33	**0.4**	*0.09*	0.05	*0.01*
Italy, Modena Province	18	**0.7**	*0.18*	0.08	*0.02*	13	**0.5**	*0.15*	0.05	*0.02*
Italy, Naples	30	**2.1**	*0.38*	0.22	*0.05*	21	**1.2**	*0.27*	0.13	*0.03*
Italy, North East Cancer Surveillance Network	48	**0.6**	*0.09*	0.06	*0.01*	28	**0.3**	*0.07*	0.02	*0.01*
Italy, Parma Province	14	**0.8**	*0.25*	0.08	*0.03*	17	**0.6**	*0.19*	0.07	*0.02*
Italy, Ragusa Province	14	**1.3**	*0.36*	0.17	*0.05*	10	**0.8**	*0.28*	0.11	*0.04*
Italy, Reggio Emilia Province	15	**0.8**	*0.22*	0.09	*0.03*	16	**0.8**	*0.29*	0.07	*0.02*
Italy, Romagna Region	37	**0.8**	*0.15*	0.09	*0.02*	20	**0.4**	*0.09*	0.05	*0.01*
Italy, Salerno Province	21	**0.7**	*0.16*	0.06	*0.02*	14	**0.3**	*0.09*	0.03	*0.01*
Italy, Sassari Province	16	**0.9**	*0.23*	0.11	*0.03*	5	**0.3**	*0.13*	0.04	*0.02*
Italy, Syracuse Province	8	**0.7**	*0.27*	0.08	*0.03*	5	**0.4**	*0.19*	0.06	*0.03*
Italy, Sondrio	8	**0.9**	*0.33*	0.07	*0.04*	7	**1.1**	*0.42*	0.13	*0.05*
Italy, Torino	37	**0.9**	*0.16*	0.08	*0.02*	18	**0.4**	*0.10*	0.04	*0.01*
Italy, Umbria Region	17	**0.5**	*0.12*	0.06	*0.02*	16	**0.3**	*0.10*	0.05	*0.01*
Italy, Varese Province	14	**0.8**	*0.22*	0.08	*0.02*	8	**0.6**	*0.28*	0.05	*0.02*
Italy, Veneto Region	67	**1.1**	*0.16*	0.11	*0.02*	29	**0.5**	*0.12*	0.04	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other thoracic organs (C37-38) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	55	**0.8**	*0.12*	0.09	*0.01*	43	**0.5**	*0.09*	0.05	*0.01*
Lithuania	87	**0.8**	*0.09*	0.10	*0.01*	45	**0.3**	*0.06*	0.03	*0.01*
Malta	4	**0.3**	*0.14*	0.02	*0.02*	4	**0.3**	*0.14*	0.04	*0.02*
Norway	93	**0.6**	*0.06*	0.06	*0.01*	41	**0.2**	*0.03*	0.02	*0.00*
Poland, Cracow	28	**1.2**	*0.24*	0.12	*0.03*	18	**0.6**	*0.15*	0.07	*0.02**
Poland, Kielce	57	**1.4**	*0.19*	0.17	*0.03*	26	**0.5**	*0.11*	0.05	*0.01*
Poland, Warsaw City	38	**0.6**	*0.11*	0.08	*0.01*	42	**0.5**	*0.11*	0.05	*0.01*
Portugal, Porto	63	**0.7**	*0.09*	0.07	*0.01*	43	**0.4**	*0.08*	0.05	*0.01**
Portugal, South Regional	74	**0.7**	*0.09*	0.09	*0.01*	54	**0.5**	*0.09*	0.05	*0.01*
Russia, St Petersburg	53	**0.4**	*0.06*	0.05	*0.01*	57	**0.3**	*0.05*	0.03	*0.00*
Serbia	156	**1.0**	*0.09*	0.11	*0.01*	85	**0.5**	*0.05*	0.05	*0.01*
Slovak Republic	136	**0.9**	*0.08*	0.10	*0.01*	84	**0.4**	*0.05*	0.04	*0.01*
Slovenia	22	**0.4**	*0.08*	0.04	*0.01*	19	**0.2**	*0.06*	0.03	*0.01*
Spain, Albacete	6	**0.6**	*0.24*	0.08	*0.03*	4	**0.7**	*0.41*	0.05	*0.03*
Spain, Asturias	18	**0.4**	*0.10*	0.05	*0.01*	15	**0.4**	*0.18*	0.04	*0.01*
Spain, Basque Country	51	**0.8**	*0.14*	0.09	*0.01*	23	**0.4**	*0.11*	0.03	*0.01*
Spain, Canary Islands	24	**0.6**	*0.13*	0.06	*0.01*	8	**0.2**	*0.09*	0.02	*0.01*
Spain, Cuenca	3	**0.3**	*0.16*	0.03	*0.02*	5	**0.4**	*0.20*	0.04	*0.02*
Spain, Girona	13	**0.7**	*0.23*	0.08	*0.02*	7	**0.4**	*0.21*	0.03	*0.01*
Spain, Granada	10	**0.5**	*0.19*	0.04	*0.01*	3	**0.2**	*0.16*	0.01	*0.01*
Spain, Murcia	26	**0.7**	*0.15*	0.09	*0.02*	11	**0.3**	*0.09*	0.03	*0.01*
Spain, Navarra	14	**0.8**	*0.21*	0.08	*0.02*	6	**0.3**	*0.18*	0.03	*0.01*
Spain, Tarragona	16	**0.9**	*0.24*	0.10	*0.03*	8	**0.4**	*0.15*	0.04	*0.02*
Spain, Zaragoza	16	**0.5**	*0.13*	0.06	*0.02*	8	**0.4**	*0.15*	0.03	*0.01*
Sweden	71	**0.2**	*0.03*	0.02	*0.00*	51	**0.1**	*0.02*	0.02	*0.00*
Switzerland, Geneva	7	**0.5**	*0.20*	0.06	*0.03*	8	**0.5**	*0.19*	0.07	*0.02*
Switzerland, Graubunden and Glarus	6	**0.6**	*0.27*	0.05	*0.03*	2	**0.3**	*0.19*	0.03	*0.02*
Switzerland, Neuchatel	6	**0.9**	*0.37*	0.10	*0.05*	2	**0.2**	*0.11*	0.03	*0.03*
Switzerland, St Gall-Appenzell	14	**0.8**	*0.22*	0.09	*0.03*	1	**0.1**	*0.06*	0.01	*0.01*
Switzerland, Ticino	2	**0.2**	*0.12*	0.03	*0.02*	3	**0.1**	*0.09*	0.02	*0.02*
Switzerland, Valais	2	**0.3**	*0.24*	0.03	*0.02*	2	**0.2**	*0.15*	0.03	*0.02*
Switzerland, Vaud	11	**0.5**	*0.15*	0.05	*0.02*	10	**0.5**	*0.18*	0.04	*0.02*
The Netherlands	225	**0.4**	*0.03*	0.04	*0.00*	120	**0.2**	*0.02*	0.02	*0.00*
The Netherlands, Eindhoven	13	**0.4**	*0.12*	0.04	*0.01*	7	**0.3**	*0.11*	0.02	*0.01*
The Netherlands, Maastricht	16	**0.5**	*0.14*	0.05	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
UK, East of England Region	41	**0.4**	*0.07*	0.03	*0.01*	24	**0.3**	*0.06*	0.02	*0.01*
UK, England, Merseyside and Cheshire	77	**0.7**	*0.09*	0.07	*0.01*	73	**0.5**	*0.06*	0.06	*0.01*
UK, England, North Western	92	**0.6**	*0.07*	0.07	*0.01*	61	**0.3**	*0.04*	0.04	*0.01*
UK, England, Northern and Yorkshire	79	**0.3**	*0.04*	0.04	*0.00*	49	**0.2**	*0.03*	0.02	*0.00*
UK, England, Oxford Region	25	**0.3**	*0.05*	0.02	*0.01*	18	**0.2**	*0.04*	0.02	*0.01*
UK, England, South and Western Regions	282	**1.0**	*0.06*	0.12	*0.01*	187	**0.5**	*0.04*	0.06	*0.01*
UK, England, Thames	175	**0.4**	*0.03*	0.04	*0.00*	125	**0.2**	*0.02*	0.02	*0.00*
UK, England, Trent	107	**0.6**	*0.06*	0.07	*0.01*	73	**0.3**	*0.05*	0.04	*0.01*
UK, England, West Midlands	82	**0.4**	*0.05*	0.05	*0.01*	34	**0.2**	*0.03*	0.02	*0.00*
UK, Northern Ireland	12	**0.3**	*0.07*	0.03	*0.01*	7	**0.2**	*0.08*	0.01	*0.00*
UK, Scotland	90	**0.5**	*0.05*	0.05	*0.01*	64	**0.2**	*0.04*	0.03	*0.00*
Oceania										
Australia, New South Wales	90	**0.5**	*0.05*	0.04	*0.01*	46	**0.2**	*0.03*	0.02	*0.00*
Australia, Northern Territory	7	**2.0**	*0.78*	0.25	*0.12*	2	**0.7**	*0.54*	0.11	*0.09*
Australia, Queensland	54	**0.5**	*0.07*	0.05	*0.01*	24	**0.2**	*0.04*	0.03	*0.01*
Australia, South	15	**0.3**	*0.09*	0.03	*0.01*	7	**0.1**	*0.04*	0.01	*0.01*
Australia, Tasmania	4	**0.2**	*0.10*	0.02	*0.01*	2	**0.1**	*0.05*	0.01	*0.01*
Australia, Victoria	53	**0.4**	*0.06*	0.03	*0.01*	40	**0.3**	*0.05*	0.03	*0.01*
Australia, Western	15	**0.3**	*0.07*	0.03	*0.01*	14	**0.2**	*0.06*	0.02	*0.01*
Australian Capital Territory	4	**0.4**	*0.19*	0.03	*0.02*	1	**0.1**	*0.09*	0.01	*0.01*
French Polynesia	3	**0.7**	*0.38*	0.08	*0.05*	0	**-**	-	-	-
New Zealand	69	**0.6**	*0.08*	0.07	*0.01*	38	**0.3**	*0.06*	0.03	*0.01*
USA, Hawaii	25	**0.7**	*0.14*	0.06	*0.01*	17	**0.4**	*0.11*	0.04	*0.01*
USA, Hawaii: Chinese	1	**0.1**	*0.11*	-	-	1	**0.3**	*0.31*	0.05	*0.05*
USA, Hawaii: Filipino	5	**0.9**	*0.41*	0.09	*0.04*	4	**0.5**	*0.27*	0.06	*0.04*
USA, Hawaii: Hawaiian	4	**0.7**	*0.33*	0.05	*0.02*	4	**0.7**	*0.38*	0.06	*0.04*
USA, Hawaii: Japanese	7	**0.6**	*0.28*	0.05	*0.03*	5	**0.6**	*0.28*	0.05	*0.02*
USA, Hawaii: White	6	**0.5**	*0.22*	0.05	*0.02*	1	**0.1**	*0.09*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Bone (C40-41)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	45	**1.4**	*0.23*	-	-	35	**1.2**	*0.23*	-	- *
Egypt, Gharbiah	106	**1.5**	*0.16*	-	-	71	**1.0**	*0.13*	-	-
Tunisia, Centre, Sousse	5	**0.4**	*0.16*	-	-	6	**0.5**	*0.22*	-	- *
Uganda, Kyadondo County	29	**1.2**	*0.34*	-	-	29	**0.7**	*0.17*	-	- *
Zimbabwe, Harare: African	44	**1.4**	*0.27*	-	-	49	**1.5**	*0.25*	-	- *
America, Central and South										
Argentina, Bahia Blanca	12	**1.6**	*0.48*	0.14	*0.04*	11	**1.4**	*0.43*	0.11	*0.03*
Brazil, Brasilia	97	**3.3**	*0.37*	0.31	*0.05*	67	**1.9**	*0.25*	0.18	*0.03*
Brazil, Cuiaba	25	**3.2**	*0.71*	0.37	*0.11*	27	**3.1**	*0.65*	0.33	*0.10*
Brazil, Goiania	24	**1.1**	*0.23*	0.07	*0.02*	21	**0.9**	*0.22*	0.09	*0.03*
Brazil, Sao Paulo	558	**2.2**	*0.10*	0.18	*0.01*	482	**1.7**	*0.08*	0.14	*0.01*
Chile, Valdivia	13	**1.3**	*0.38*	0.12	*0.04*	9	**0.8**	*0.29*	0.07	*0.03*
Colombia, Cali	67	**1.6**	*0.20*	0.14	*0.02*	41	**0.8**	*0.13*	0.06	*0.01*
Costa Rica	78	**0.8**	*0.10*	0.07	*0.01*	63	**0.7**	*0.09*	0.06	*0.01*
Ecuador, Quito	48	**1.4**	*0.21*	0.11	*0.02*	37	**1.0**	*0.16*	0.07	*0.02*
France, La Martinique	13	**1.4**	*0.41*	0.12	*0.04*	5	**0.3**	*0.17*	0.02	*0.01*
Peru, Trujillo	11	**0.9**	*0.29*	0.07	*0.03*	7	**0.4**	*0.17*	0.04	*0.03**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	688	**1.1**	*0.05*	0.09	*0.00*	516	**0.8**	*0.04*	0.06	*0.00*
Canada, Alberta	72	**0.9**	*0.11*	0.08	*0.01*	52	**0.7**	*0.10*	0.05	*0.01*
Canada, British Columbia	116	**1.1**	*0.11*	0.08	*0.01*	76	**0.7**	*0.08*	0.05	*0.01*
Canada, Manitoba	24	**0.8**	*0.18*	0.05	*0.01*	18	**0.6**	*0.15*	0.04	*0.01*
Canada, New Brunswick	22	**1.0**	*0.23*	0.09	*0.02*	16	**0.7**	*0.20*	0.06	*0.02*
Canada, Newfoundland and Labrador	18	**1.5**	*0.38*	0.10	*0.02*	7	**0.6**	*0.24*	0.04	*0.02*
Canada, Northwest Territories	0	**-**	-	-	-	1	**1.8**	*1.77*	0.22	*0.22*
Canada, Nova Scotia	28	**1.2**	*0.25*	0.09	*0.02*	11	**0.4**	*0.12*	0.02	*0.01*
Canada, Ontario	381	**1.3**	*0.07*	0.10	*0.01*	314	**0.9**	*0.06*	0.08	*0.00*
Canada, Prince Edward Island	1	**0.1**	*0.14*	-	-	1	**0.2**	*0.21*	0.02	*0.02*
Canada, Saskatchewan	26	**1.0**	*0.19*	0.09	*0.02*	20	**0.7**	*0.17*	0.05	*0.01*
USA, Alabama	137	**1.1**	*0.10*	0.09	*0.01*	98	**0.7**	*0.07*	0.06	*0.01*
USA, Alabama: Black	21	**0.7**	*0.16*	0.05	*0.01*	21	**0.6**	*0.13*	0.04	*0.01*
USA, Alabama: White	112	**1.2**	*0.12*	0.10	*0.01*	76	**0.7**	*0.09*	0.06	*0.01*
USA, Alaska	19	**1.1**	*0.26*	0.07	*0.02*	12	**0.8**	*0.24*	0.05	*0.02*
USA, Arizona	138	**1.0**	*0.09*	0.09	*0.01*	129	**0.9**	*0.08*	0.07	*0.01*
USA, California	942	**1.1**	*0.04*	0.08	*0.00*	680	**0.8**	*0.03*	0.06	*0.00*
USA, California: Asian and Pacific Islander	67	**0.7**	*0.08*	0.05	*0.01*	57	**0.5**	*0.07*	0.04	*0.01*
USA, California: Black	51	**0.8**	*0.12*	0.06	*0.01*	49	**0.8**	*0.11*	0.07	*0.01*
USA, California: Hispanic White	264	**1.0**	*0.07*	0.08	*0.01*	197	**0.8**	*0.06*	0.07	*0.01*
USA, California: Non-Hispanic White	547	**1.3**	*0.06*	0.10	*0.00*	366	**0.8**	*0.05*	0.06	*0.00*
USA, California, Greater San Francisco Bay Area	157	**1.0**	*0.08*	0.08	*0.01*	114	**0.7**	*0.07*	0.05	*0.01*
USA, California, Greater San Francisco Bay Area: Black	7	**0.6**	*0.23*	0.04	*0.01*	10	**0.7**	*0.24*	0.06	*0.02*
USA, California, Greater San Francisco Bay Area: Chinese	7	**0.5**	*0.22*	0.04	*0.01*	7	**0.6**	*0.27*	0.04	*0.02*
USA, California, Greater San Francisco Bay Area: Filipino	6	**0.9**	*0.38*	0.05	*0.02*	7	**0.7**	*0.28*	0.05	*0.02*
USA, California, Greater San Francisco Bay Area: Japanese	0	**-**	-	-	-	2	**0.3**	*0.25*	0.04	*0.04*
USA, California, Greater San Francisco Bay Area: Hispanic White	36	**1.2**	*0.21*	0.10	*0.03*	18	**0.6**	*0.15*	0.06	*0.02*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	92	**1.1**	*0.13*	0.09	*0.01*	61	**0.8**	*0.12*	0.06	*0.01*
USA, California, Los Angeles County	250	**1.0**	*0.07*	0.08	*0.01*	194	**0.8**	*0.06*	0.06	*0.00*
USA, California, Los Angeles County: Black	27	**1.1**	*0.22*	0.08	*0.02*	20	**0.7**	*0.17*	0.07	*0.02*
USA, California, Los Angeles County: Chinese	8	**0.9**	*0.33*	0.07	*0.03*	5	**0.4**	*0.22*	0.03	*0.01*
USA, California, Los Angeles County: Filipino	5	**0.8**	*0.35*	0.05	*0.02*	7	**0.8**	*0.30*	0.08	*0.03*
USA, California, Los Angeles County: Japanese	3	**1.6**	*0.99*	0.11	*0.07*	3	**1.1**	*0.77*	0.09	*0.05*
USA, California, Los Angeles County: Korean	2	**0.5**	*0.38*	0.03	*0.02*	3	**1.0**	*0.63*	0.05	*0.03*
USA, California, Los Angeles County: Hispanic White	84	**0.8**	*0.10*	0.07	*0.01*	72	**0.7**	*0.09*	0.05	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	113	**1.4**	*0.15*	0.10	*0.01*	80	**0.9**	*0.12*	0.07	*0.01*
USA, Colorado	142	**1.3**	*0.11*	0.11	*0.01*	106	**1.0**	*0.10*	0.07	*0.01*
USA, Connecticut	93	**1.0**	*0.11*	0.09	*0.01*	74	**0.7**	*0.09*	0.06	*0.01*
USA, Connecticut: Black	7	**0.8**	*0.30*	0.06	*0.02*	5	**0.4**	*0.17*	0.02	*0.01*
USA, Connecticut: White	81	**1.1**	*0.13*	0.09	*0.01*	69	**0.8**	*0.11*	0.07	*0.01*
USA, District of Columbia	12	**0.9**	*0.28*	0.07	*0.02*	13	**0.7**	*0.20*	0.06	*0.02*
USA, District of Columbia: Black	7	**0.8**	*0.33*	0.07	*0.03*	6	**0.4**	*0.23*	0.03	*0.01*
USA, District of Columbia: White	3	**0.5**	*0.30*	0.05	*0.03*	5	**0.8**	*0.38*	0.10	*0.05*
USA, Florida	513	**1.2**	*0.06*	0.10	*0.00*	386	**0.8**	*0.05*	0.06	*0.00*
USA, Florida: Black	49	**0.8**	*0.12*	0.08	*0.01*	50	**0.7**	*0.10*	0.06	*0.01*
USA, Florida: White	459	**1.2**	*0.07*	0.10	*0.01*	333	**0.8**	*0.05*	0.07	*0.00*
USA, Georgia	195	**1.0**	*0.07*	0.09	*0.01*	145	**0.7**	*0.06*	0.05	*0.00*
USA, Georgia: Black	41	**0.8**	*0.13*	0.08	*0.02*	36	**0.6**	*0.10*	0.04	*0.01*
USA, Georgia: White	148	**1.0**	*0.09*	0.09	*0.01*	106	**0.7**	*0.08*	0.06	*0.01*
USA, Georgia, Atlanta	67	**0.9**	*0.12*	0.08	*0.01*	43	**0.6**	*0.09*	0.04	*0.01*
USA, Georgia, Atlanta: Black	16	**0.7**	*0.18*	0.06	*0.02*	15	**0.5**	*0.15*	0.04	*0.01*
USA, Georgia, Atlanta: White	48	**1.1**	*0.17*	0.09	*0.01*	26	**0.6**	*0.13*	0.05	*0.01*
USA, Idaho	31	**0.9**	*0.17*	0.07	*0.01*	27	**0.8**	*0.15*	0.07	*0.02*
USA, Illinois	303	**0.9**	*0.06*	0.08	*0.00*	278	**0.8**	*0.05*	0.07	*0.00*
USA, Illinois: Black	37	**0.8**	*0.13*	0.06	*0.01*	33	**0.6**	*0.11*	0.04	*0.01*
USA, Illinois: White	253	**1.0**	*0.06*	0.08	*0.01*	235	**0.8**	*0.06*	0.07	*0.01*
USA, Indiana	182	**1.2**	*0.09*	0.08	*0.01*	133	**0.8**	*0.07*	0.06	*0.01*
USA, Iowa	86	**1.1**	*0.13*	0.09	*0.01*	73	**0.8**	*0.10*	0.07	*0.01*
USA, Kentucky	115	**1.0**	*0.10*	0.08	*0.01*	100	**0.8**	*0.09*	0.07	*0.01*
USA, Louisiana	114	**1.0**	*0.10*	0.08	*0.01*	116	**0.9**	*0.08*	0.07	*0.01*
USA, Louisiana: Black	41	**1.2**	*0.19*	0.11	*0.02*	25	**0.6**	*0.12*	0.05	*0.01*
USA, Louisiana: White	72	**1.0**	*0.12*	0.08	*0.01*	88	**1.0**	*0.11*	0.08	*0.01*
USA, Louisiana, New Orleans: Black	14	**1.4**	*0.39*	0.14	*0.04*	10	**0.8**	*0.26*	0.06	*0.02*
USA, Louisiana, New Orleans: White	24	**1.9**	*0.42*	0.13	*0.03*	16	**0.8**	*0.21*	0.08	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Bone (C40-41) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	38	**1.1**	*0.19*	0.07	*0.01*	28	**0.8**	*0.17*	0.06	*0.01*
USA, Massachusetts	173	**1.1**	*0.09*	0.08	*0.01*	136	**0.7**	*0.07*	0.06	*0.01*
USA, Michigan	294	**1.1**	*0.07*	0.09	*0.01*	241	**0.8**	*0.06*	0.07	*0.01*
USA, Michigan: Black	31	**0.9**	*0.16*	0.07	*0.01*	27	**0.7**	*0.13*	0.05	*0.01*
USA, Michigan: White	257	**1.2**	*0.08*	0.09	*0.01*	207	**0.9**	*0.07*	0.07	*0.01*
USA, Michigan, Detroit	108	**1.0**	*0.10*	0.09	*0.01*	86	**0.7**	*0.09*	0.06	*0.01*
USA, Michigan, Detroit: Black	22	**0.9**	*0.19*	0.07	*0.02*	19	**0.6**	*0.15*	0.04	*0.01*
USA, Michigan, Detroit: White	85	**1.1**	*0.13*	0.09	*0.01*	65	**0.8**	*0.11*	0.07	*0.01*
USA, Missouri	146	**1.0**	*0.08*	0.09	*0.01*	141	**0.8**	*0.07*	0.07	*0.01*
USA, Missouri: Black	10	**0.7**	*0.21*	0.07	*0.03*	11	**0.6**	*0.18*	0.05	*0.02*
USA, Missouri: White	134	**1.0**	*0.09*	0.09	*0.01*	121	**0.8**	*0.08*	0.07	*0.01*
USA, Montana	29	**1.2**	*0.22*	0.09	*0.02*	22	**1.0**	*0.22*	0.07	*0.02*
USA, NPCR	6323	**1.1**	*0.01*	0.09	*0.00*	5246	**0.8**	*0.01*	0.07	*0.00*
USA, NPCR: Black	581	**0.9**	*0.04*	0.07	*0.00*	519	**0.7**	*0.03*	0.05	*0.00*
USA, NPCR: White	5433	**1.1**	*0.02*	0.09	*0.00*	4457	**0.9**	*0.01*	0.07	*0.00*
USA, New Jersey	268	**1.2**	*0.08*	0.10	*0.01*	232	**0.9**	*0.07*	0.08	*0.01*
USA, New Jersey: Black	22	**0.7**	*0.16*	0.07	*0.02*	18	**0.5**	*0.12*	0.04	*0.01*
USA, New Jersey: White	225	**1.3**	*0.09*	0.11	*0.01*	193	**0.9**	*0.08*	0.08	*0.01*
USA, New Mexico	45	**1.0**	*0.14*	0.07	*0.01*	45	**0.9**	*0.14*	0.07	*0.01*
USA, New Mexico: American Indian	4	**0.8**	*0.42*	0.06	*0.03*	3	**0.6**	*0.35*	0.04	*0.03*
USA, New Mexico: Hispanic White	13	**0.7**	*0.19*	0.05	*0.01*	19	**1.0**	*0.23*	0.07	*0.02*
USA, New Mexico: Non-Hispanic White	26	**1.2**	*0.25*	0.10	*0.02*	23	**0.9**	*0.22*	0.07	*0.02*
USA, New York State	567	**1.1**	*0.05*	0.09	*0.00*	594	**1.1**	*0.05*	0.09	*0.00*
USA, New York State: Black	76	**1.1**	*0.13*	0.07	*0.01*	90	**1.1**	*0.12*	0.09	*0.01*
USA, New York State: White	454	**1.1**	*0.06*	0.10	*0.01*	479	**1.1**	*0.06*	0.10	*0.00*
USA, Ohio	289	**1.0**	*0.06*	0.08	*0.01*	247	**0.8**	*0.05*	0.06	*0.00*
USA, Ohio: Black	27	**0.8**	*0.16*	0.08	*0.02*	26	**0.7**	*0.14*	0.05	*0.01*
USA, Ohio: White	256	**1.0**	*0.07*	0.08	*0.01*	211	**0.8**	*0.06*	0.06	*0.00*
USA, Oklahoma	95	**1.0**	*0.11*	0.09	*0.01*	95	**0.9**	*0.11*	0.07	*0.01*
USA, Oregon	101	**1.1**	*0.12*	0.09	*0.01*	77	**0.8**	*0.10*	0.07	*0.01*
USA, Pennsylvania	365	**1.1**	*0.06*	0.09	*0.01*	274	**0.8**	*0.05*	0.06	*0.00*
USA, Pennsylvania: Black	28	**0.9**	*0.17*	0.08	*0.02*	16	**0.4**	*0.10*	0.03	*0.01*
USA, Pennsylvania: White	321	**1.1**	*0.07*	0.09	*0.01*	244	**0.8**	*0.06*	0.06	*0.00*
USA, Rhode Island	23	**0.8**	*0.18*	0.07	*0.02*	19	**0.6**	*0.15*	0.05	*0.01*
USA, SEER (9 Registries)	707	**1.0**	*0.04*	0.09	*0.00*	587	**0.8**	*0.03*	0.06	*0.00*
USA, SEER (9 Registries): Black	61	**0.8**	*0.10*	0.06	*0.01*	54	**0.6**	*0.08*	0.04	*0.01*
USA, SEER (9 Registries): White	586	**1.1**	*0.05*	0.09	*0.00*	484	**0.8**	*0.04*	0.07	*0.00*
USA, SEER (14 Registries)	2047	**1.1**	*0.02*	0.09	*0.00*	1638	**0.8**	*0.02*	0.06	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	113	**0.7**	*0.07*	0.06	*0.01*	91	**0.5**	*0.06*	0.04	*0.00*
USA, SEER (14 Registries): Black	179	**0.9**	*0.07*	0.07	*0.01*	145	**0.6**	*0.05*	0.05	*0.00*
USA, SEER (14 Registries): Hispanic White	336	**1.0**	*0.06*	0.08	*0.01*	269	**0.8**	*0.05*	0.07	*0.01*
USA, SEER (14 Registries): Non-Hispanic White	1382	**1.2**	*0.03*	0.09	*0.00*	1099	**0.8**	*0.03*	0.07	*0.00*
USA, South Carolina	95	**0.9**	*0.09*	0.07	*0.01*	87	**0.8**	*0.09*	0.06	*0.01*
USA, South Carolina: Black	21	**0.7**	*0.16*	0.05	*0.01*	21	**0.6**	*0.14*	0.05	*0.01*
USA, South Carolina: White	72	**1.0**	*0.12*	0.08	*0.01*	66	**0.9**	*0.12*	0.07	*0.01*
USA, Texas	583	**1.1**	*0.05*	0.09	*0.00*	509	**0.9**	*0.04*	0.07	*0.00*
USA, Texas: Black	48	**0.8**	*0.12*	0.08	*0.01*	50	**0.7**	*0.10*	0.06	*0.01*
USA, Texas: White	512	**1.1**	*0.05*	0.09	*0.00*	438	**0.9**	*0.05*	0.08	*0.00*
USA, Utah	82	**1.4**	*0.16*	0.13	*0.02*	61	**1.1**	*0.14*	0.09	*0.01*
USA, Vermont	20	**1.2**	*0.27*	0.11	*0.03*	13	**0.7**	*0.22*	0.05	*0.02*
USA, Washington State	144	**0.9**	*0.08*	0.07	*0.01*	145	**0.8**	*0.07*	0.07	*0.01*
USA, Washington, Seattle	89	**0.8**	*0.09*	0.07	*0.01*	104	**0.9**	*0.09*	0.08	*0.01*
USA, West Virginia	46	**0.9**	*0.14*	0.08	*0.01*	39	**0.9**	*0.15*	0.06	*0.01*
USA, Wisconsin	155	**1.1**	*0.09*	0.08	*0.01*	118	**0.7**	*0.08*	0.07	*0.01*
Asia										
Bahrain: Bahraini	12	**1.5**	*0.47*	0.22	*0.09*	5	**0.6**	*0.30*	0.08	*0.05*
China, Guangzhou City	63	**1.1**	*0.14*	0.09	*0.01*	34	**0.6**	*0.10*	0.05	*0.01**
China, Hong Kong	146	**0.9**	*0.08*	0.07	*0.01*	107	**0.6**	*0.06*	0.05	*0.01*
China, Jiashan	21	**1.5**	*0.34*	0.22	*0.06*	9	**0.6**	*0.22*	0.09	*0.03**
China, Nangang District, Harbin City	73	**3.1**	*0.38*	0.34	*0.05*	48	**1.9**	*0.28*	0.22	*0.04*
China, Shanghai	283	**1.3**	*0.08*	0.12	*0.01*	251	**1.1**	*0.08*	0.11	*0.01**
China, Zhongshan	36	**1.0**	*0.18*	0.10	*0.02*	23	**0.6**	*0.12*	0.05	*0.02**
Cyprus	29	**1.6**	*0.30*	0.13	*0.03*	22	**1.2**	*0.26*	0.10	*0.02**
India, Chennai (Madras)	118	**1.1**	*0.10*	0.10	*0.01*	92	**0.9**	*0.09*	0.07	*0.01*
India, New Delhi	502	**1.7**	*0.08*	0.16	*0.01*	283	**1.2**	*0.08*	0.12	*0.01**
India, Karunagappally	9	**0.9**	*0.30*	0.08	*0.03*	2	**0.2**	*0.12*	0.01	*0.01*
India, Mumbai (Bombay)	295	**1.0**	*0.06*	0.09	*0.01*	178	**0.7**	*0.05*	0.06	*0.01*
India, Nagpur	67	**1.3**	*0.16*	0.09	*0.01*	27	**0.6**	*0.11*	0.05	*0.01**
India, Poona	75	**0.9**	*0.11*	0.09	*0.01*	54	**0.7**	*0.10*	0.06	*0.01**
India, Trivandrum	17	**0.6**	*0.16*	0.05	*0.02*	13	**0.4**	*0.13*	0.04	*0.01**
Israel	225	**1.5**	*0.10*	0.12	*0.01*	183	**1.1**	*0.09*	0.09	*0.01*
Israel: Jews	194	**1.5**	*0.11*	0.13	*0.01*	158	**1.2**	*0.10*	0.09	*0.01*
Israel: Non-Jews	24	**0.9**	*0.21*	0.08	*0.03*	18	**0.6**	*0.16*	0.05	*0.01*
Japan, Aichi Prefecture	12	**0.4**	*0.13*	0.04	*0.01*	13	**0.5**	*0.14*	0.04	*0.01*
Japan, Fukui Prefecture	15	**0.4**	*0.12*	0.04	*0.01*	13	**0.3**	*0.10*	0.03	*0.01*
Japan, Hiroshima	13	**0.5**	*0.14*	0.04	*0.01*	10	**0.4**	*0.16*	0.03	*0.01*
Japan, Miyagi Prefecture	56	**0.9**	*0.13*	0.07	*0.01*	30	**0.5**	*0.09*	0.04	*0.01*
Japan, Nagasaki Prefecture	27	**0.8**	*0.17*	0.06	*0.01*	17	**0.3**	*0.08*	0.02	*0.01*
Japan, Osaka Prefecture	118	**0.5**	*0.05*	0.04	*0.00*	93	**0.4**	*0.05*	0.03	*0.00*
Japan, Yamagata Prefecture	33	**0.8**	*0.17*	0.07	*0.01*	21	**0.5**	*0.15*	0.04	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Bone (C40-41) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	900	**1.0**	*0.03*	0.08	*0.00*	722	**0.7**	*0.03*	0.06	*0.00*
Korea, Busan	92	**1.1**	*0.12*	0.08	*0.01*	81	**0.8**	*0.10*	0.07	*0.01*
Korea, Daegu	57	**1.0**	*0.14*	0.08	*0.01*	52	**0.9**	*0.13*	0.07	*0.01*
Korea, Daejeon	29	**0.9**	*0.18*	0.10	*0.03*	30	**0.9**	*0.16*	0.07	*0.02*
Korea, Gwangju	49	**1.5**	*0.22*	0.13	*0.02*	22	**0.7**	*0.14*	0.05	*0.01*
Korea, Incheon	60	**1.0**	*0.13*	0.07	*0.01*	57	**0.9**	*0.13*	0.08	*0.01*
Korea, Jejudo	8	**1.1**	*0.39*	0.14	*0.06*	7	**0.8**	*0.33*	0.08	*0.03*
Korea, Seoul	250	**1.1**	*0.08*	0.09	*0.01*	187	**0.8**	*0.06*	0.06	*0.01*
Korea, Ulsan	18	**1.0**	*0.27*	0.08	*0.03*	21	**1.2**	*0.26*	0.10	*0.03*
Kuwait: Kuwaitis	15	**0.6**	*0.18*	0.03	*0.01*	15	**0.9**	*0.26*	0.09	*0.03*
Kuwait: Non-Kuwaitis	25	**1.9**	*0.68*	0.09	*0.03*	11	**1.0**	*0.40*	0.11	*0.06*
Malaysia, Penang	23	**1.0**	*0.23*	0.11	*0.03*	20	**0.8**	*0.18*	0.07	*0.02*
Malaysia, Sarawak	47	**0.9**	*0.14*	0.08	*0.02*	36	**0.7**	*0.12*	0.05	*0.01*
Oman: Omani	18	**0.7**	*0.18*	0.07	*0.03*	16	**0.4**	*0.11*	0.03	*0.01**
Pakistan, South Karachi	61	**1.3**	*0.17*	0.10	*0.02*	57	**1.5**	*0.22*	0.12	*0.02**
Philippines, Manila	244	**2.7**	*0.20*	0.28	*0.03*	203	**2.0**	*0.15*	0.21	*0.02**
Singapore	46	**0.6**	*0.08*	0.05	*0.01*	49	**0.6**	*0.08*	0.04	*0.01*
Singapore: Chinese	39	**0.6**	*0.10*	0.06	*0.01*	41	**0.6**	*0.10*	0.04	*0.01*
Singapore: Indian	3	**0.3**	*0.21*	0.04	*0.02*	4	**0.9**	*0.49*	0.04	*0.03*
Singapore: Malay	4	**0.4**	*0.22*	0.05	*0.03*	4	**0.4**	*0.22*	0.02	*0.01*
Thailand, Chiang Mai	30	**0.8**	*0.16*	0.06	*0.01*	19	**0.6**	*0.14*	0.03	*0.01**
Thailand, Lampang	12	**0.6**	*0.18*	0.05	*0.02*	17	**0.8**	*0.20*	0.08	*0.02**
Thailand, Songkhla	20	**0.6**	*0.14*	0.04	*0.01*	14	**0.4**	*0.12*	0.04	*0.01*
Turkey, Antalya	34	**1.0**	*0.17*	0.09	*0.02*	24	**0.7**	*0.15*	0.07	*0.02**
Turkey, Izmir	95	**1.1**	*0.11*	0.09	*0.01*	57	**0.7**	*0.09*	0.05	*0.01**
Europe										
Austria	199	**1.0**	*0.08*	0.08	*0.01*	159	**0.7**	*0.07*	0.06	*0.00*
Austria, Tyrol	17	**0.9**	*0.22*	0.10	*0.03*	18	**1.1**	*0.29*	0.09	*0.02*
Austria, Vorarlberg	9	**1.0**	*0.35*	0.07	*0.03*	1	**0.2**	*0.16*	0.01	*0.01*
Belarus	345	**1.3**	*0.07*	0.12	*0.01*	282	**0.9**	*0.06*	0.07	*0.00**
Belgium, Antwerp	37	**0.8**	*0.14*	0.07	*0.01*	28	**0.6**	*0.12*	0.05	*0.01**
Belgium, Flanders	178	**1.3**	*0.11*	0.11	*0.01*	135	**1.0**	*0.09*	0.08	*0.01*
Bulgaria	270	**1.1**	*0.07*	0.10	*0.01*	205	**0.8**	*0.07*	0.07	*0.01**
Croatia	388	**3.2**	*0.18*	0.28	*0.02*	311	**2.3**	*0.15*	0.18	*0.01*
Czech Republic	309	**1.1**	*0.06*	0.09	*0.01*	234	**0.7**	*0.05*	0.06	*0.00*
Denmark	132	**1.0**	*0.09*	0.07	*0.01*	102	**0.7**	*0.08*	0.06	*0.01*
Estonia	48	**1.4**	*0.20*	0.12	*0.02*	33	**0.8**	*0.16*	0.06	*0.01*
Finland	131	**0.9**	*0.08*	0.07	*0.01*	103	**0.6**	*0.07*	0.05	*0.01*
France, Bas-Rhin	18	**0.7**	*0.17*	0.06	*0.01*	14	**0.6**	*0.17*	0.04	*0.01*
France, Calvados	17	**1.0**	*0.26*	0.08	*0.02*	22	**1.3**	*0.30*	0.09	*0.02*
France, Doubs	15	**1.2**	*0.32*	0.09	*0.02*	15	**1.1**	*0.29*	0.08	*0.02*
France, Haut-Rhin	16	**0.9**	*0.23*	0.07	*0.02*	19	**0.8**	*0.21*	0.07	*0.02*
France, Herault	25	**1.1**	*0.24*	0.08	*0.02*	17	**0.7**	*0.18*	0.05	*0.01*
France, Isere	38	**1.3**	*0.23*	0.11	*0.02*	38	**1.2**	*0.21*	0.10	*0.02*
France, Loire-Atlantique	18	**0.5**	*0.13*	0.05	*0.01*	24	**0.6**	*0.13*	0.04	*0.01*
France, Manche	16	**1.3**	*0.33*	0.11	*0.03*	9	**0.5**	*0.19*	0.06	*0.02*
France, Somme	16	**1.2**	*0.30*	0.09	*0.02*	13	**0.8**	*0.26*	0.08	*0.02*
France, Tarn	14	**1.2**	*0.38*	0.09	*0.03*	8	**0.6**	*0.28*	0.04	*0.02*
France, Vendee	15	**1.0**	*0.27*	0.08	*0.02*	16	**0.9**	*0.25*	0.07	*0.02*
Germany, Brandenburg	95	**1.3**	*0.14*	0.11	*0.01*	85	**1.0**	*0.14*	0.09	*0.01*
Germany, Free State of Saxony	128	**0.9**	*0.09*	0.08	*0.01*	132	**1.0**	*0.12*	0.08	*0.01*
Germany, Hamburg	32	**0.7**	*0.15*	0.06	*0.01*	34	**0.8**	*0.16*	0.06	*0.01*
Germany, Mecklenburg-Western Pomerania	45	**0.8**	*0.14*	0.08	*0.01*	46	**0.9**	*0.14*	0.07	*0.01*
Germany, Munich	45	**0.7**	*0.12*	0.06	*0.01*	60	**1.0**	*0.15*	0.07	*0.01*
Germany, Northrhine-Westphalia: Munster	53	**0.8**	*0.11*	0.06	*0.01*	62	**1.0**	*0.14*	0.07	*0.01*
Germany, Saarland	29	**1.3**	*0.26*	0.09	*0.02*	21	**0.8**	*0.20*	0.06	*0.01*
Iceland	13	**1.8**	*0.50*	0.17	*0.05*	1	**0.2**	*0.15*	0.01	*0.01*
Ireland	107	**1.1**	*0.11*	0.08	*0.01*	78	**0.7**	*0.09*	0.06	*0.01*
Italy, Biella Province	6	**1.3**	*0.65*	0.09	*0.04*	5	**0.6**	*0.31*	0.04	*0.03*
Italy, Brescia Province	21	**1.4**	*0.34*	0.11	*0.03*	13	**0.7**	*0.23*	0.07	*0.02*
Italy, Ferrara Province	15	**1.1**	*0.38*	0.10	*0.03*	5	**1.3**	*0.63*	0.08	*0.03*
Italy, Florence and Prato	41	**1.5**	*0.28*	0.10	*0.02*	37	**1.0**	*0.22*	0.09	*0.02*
Italy, Genoa Province	14	**1.2**	*0.38*	0.08	*0.02*	14	**0.9**	*0.37*	0.07	*0.02*
Italy, Macerata Province	6	**1.3**	*0.59*	0.11	*0.05*	4	**0.4**	*0.22*	0.05	*0.03*
Italy, Milan	30	**1.2**	*0.26*	0.10	*0.02*	29	**0.7**	*0.19*	0.06	*0.01*
Italy, Modena Province	20	**0.9**	*0.24*	0.11	*0.02*	13	**0.7**	*0.24*	0.06	*0.02*
Italy, Naples	26	**1.9**	*0.39*	0.12	*0.03*	19	**1.3**	*0.32*	0.10	*0.02*
Italy, North East Cancer Surveillance Network	52	**1.0**	*0.16*	0.08	*0.01*	50	**0.9**	*0.15*	0.07	*0.01*
Italy, Parma Province	17	**1.4**	*0.46*	0.12	*0.04*	18	**1.1**	*0.30*	0.11	*0.03*
Italy, Ragusa Province	7	**0.8**	*0.34*	0.06	*0.03*	9	**1.0**	*0.36*	0.07	*0.03*
Italy, Reggio Emilia Province	17	**1.4**	*0.37*	0.12	*0.03*	13	**1.1**	*0.39*	0.07	*0.02*
Italy, Romagna Region	23	**0.9**	*0.22*	0.07	*0.02*	28	**1.1**	*0.29*	0.07	*0.02*
Italy, Salerno Province	35	**1.3**	*0.25*	0.09	*0.02*	28	**1.0**	*0.24*	0.07	*0.02*
Italy, Sassari Province	7	**0.5**	*0.19*	0.04	*0.02*	5	**0.3**	*0.15*	0.03	*0.01*
Italy, Syracuse Province	8	**0.9**	*0.36*	0.07	*0.03*	3	**0.5**	*0.32*	0.04	*0.02*
Italy, Sondrio	10	**2.0**	*0.71*	0.14	*0.05*	6	**1.8**	*0.79*	0.12	*0.05*
Italy, Torino	36	**1.2**	*0.23*	0.12	*0.02*	23	**0.9**	*0.26*	0.07	*0.02*
Italy, Umbria Region	28	**1.3**	*0.30*	0.11	*0.02*	34	**1.3**	*0.29*	0.11	*0.02*
Italy, Varese Province	15	**1.0**	*0.27*	0.11	*0.03*	9	**0.3**	*0.13*	0.03	*0.01*
Italy, Veneto Region	39	**0.9**	*0.16*	0.07	*0.01*	32	**0.6**	*0.15*	0.05	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Bone (C40-41) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	85	**1.3**	*0.14*	0.13	*0.02*	64	**0.8**	*0.12*	0.07	*0.01*
Lithuania	126	**1.3**	*0.12*	0.13	*0.01*	104	**0.8**	*0.09*	0.07	*0.01*
Malta	9	**1.0**	*0.37*	0.07	*0.02*	7	**0.8**	*0.31*	0.05	*0.02*
Norway	127	**1.1**	*0.10*	0.08	*0.01*	111	**0.9**	*0.10*	0.07	*0.01*
Poland, Cracow	21	**1.0**	*0.22*	0.09	*0.02*	15	**0.7**	*0.19*	0.05	*0.01**
Poland, Kielce	42	**1.1**	*0.17*	0.11	*0.02*	38	**1.0**	*0.17*	0.08	*0.01*
Poland, Warsaw City	39	**0.9**	*0.15*	0.07	*0.01*	28	**0.4**	*0.09*	0.04	*0.01*
Portugal, Porto	92	**1.1**	*0.12*	0.10	*0.01*	85	**1.0**	*0.12*	0.08	*0.01**
Portugal, South Regional	108	**1.3**	*0.14*	0.11	*0.01*	88	**0.9**	*0.12*	0.07	*0.01*
Russia, St Petersburg	106	**1.0**	*0.11*	0.08	*0.01*	85	**0.5**	*0.07*	0.05	*0.01*
Serbia	370	**2.7**	*0.16*	0.26	*0.01*	260	**1.7**	*0.12*	0.16	*0.01*
Slovak Republic	207	**1.5**	*0.11*	0.14	*0.01*	146	**0.9**	*0.08*	0.08	*0.01*
Slovenia	50	**0.9**	*0.13*	0.08	*0.01*	47	**0.7**	*0.12*	0.06	*0.01*
Spain, Albacete	8	**1.2**	*0.46*	0.11	*0.04*	7	**0.7**	*0.29*	0.07	*0.03*
Spain, Asturias	41	**1.4**	*0.24*	0.11	*0.02*	26	**0.7**	*0.17*	0.06	*0.01*
Spain, Basque Country	59	**1.4**	*0.21*	0.11	*0.02*	33	**0.6**	*0.12*	0.05	*0.01*
Spain, Canary Islands	36	**0.9**	*0.16*	0.07	*0.01*	22	**0.6**	*0.13*	0.04	*0.01*
Spain, Cuenca	3	**0.4**	*0.34*	0.03	*0.02*	4	**0.5**	*0.30*	0.03	*0.02*
Spain, Girona	25	**2.0**	*0.45*	0.14	*0.03*	17	**1.0**	*0.27*	0.08	*0.02*
Spain, Granada	22	**1.0**	*0.24*	0.09	*0.02*	11	**0.4**	*0.14*	0.03	*0.01*
Spain, Murcia	30	**1.0**	*0.20*	0.08	*0.01*	29	**1.0**	*0.21*	0.07	*0.01*
Spain, Navarra	16	**1.1**	*0.30*	0.09	*0.02*	8	**0.5**	*0.20*	0.03	*0.01*
Spain, Tarragona	10	**0.9**	*0.30*	0.06	*0.02*	15	**1.4**	*0.40*	0.10	*0.03*
Spain, Zaragoza	31	**1.4**	*0.30*	0.11	*0.02*	32	**1.3**	*0.27*	0.10	*0.02*
Sweden	234	**1.0**	*0.07*	0.08	*0.01*	164	**0.7**	*0.06*	0.05	*0.00*
Switzerland, Geneva	10	**0.9**	*0.31*	0.06	*0.02*	13	**1.3**	*0.39*	0.10	*0.03*
Switzerland, Graubunden and Glarus	6	**0.8**	*0.35*	0.10	*0.05*	1	**0.1**	*0.14*	0.01	*0.01*
Switzerland, Neuchatel	2	**0.8**	*0.54*	0.04	*0.03*	3	**0.9**	*0.55*	0.06	*0.03*
Switzerland, St Gall-Appenzell	18	**1.2**	*0.29*	0.10	*0.03*	17	**1.1**	*0.31*	0.07	*0.02*
Switzerland, Ticino	10	**1.3**	*0.44*	0.10	*0.03*	10	**1.1**	*0.43*	0.09	*0.03*
Switzerland, Valais	7	**1.0**	*0.38*	0.09	*0.04*	5	**0.7**	*0.31*	0.06	*0.03*
Switzerland, Vaud	14	**1.1**	*0.32*	0.08	*0.02*	14	**1.0**	*0.29*	0.07	*0.02*
The Netherlands	423	**1.0**	*0.05*	0.08	*0.00*	389	**0.9**	*0.05*	0.07	*0.00*
The Netherlands, Eindhoven	34	**1.1**	*0.21*	0.10	*0.02*	27	**1.1**	*0.24*	0.09	*0.02*
The Netherlands, Maastricht	19	**0.7**	*0.17*	0.07	*0.02*	14	**0.5**	*0.16*	0.05	*0.01*
UK, East of England Region	65	**0.8**	*0.11*	0.07	*0.01*	45	**0.5**	*0.09*	0.04	*0.01*
UK, England, Merseyside and Cheshire	128	**1.7**	*0.16*	0.15	*0.02*	138	**1.4**	*0.14*	0.13	*0.01*
UK, England, North Western	91	**0.9**	*0.10*	0.07	*0.01*	59	**0.5**	*0.08*	0.04	*0.01*
UK, England, Northern and Yorkshire	138	**0.8**	*0.08*	0.06	*0.01*	114	**0.6**	*0.06*	0.05	*0.00*
UK, England, Oxford Region	58	**0.7**	*0.10*	0.06	*0.01*	56	**0.8**	*0.12*	0.06	*0.01*
UK, England, South and Western Regions	226	**1.2**	*0.09*	0.10	*0.01*	225	**1.0**	*0.08*	0.08	*0.01*
UK, England, Thames	366	**1.1**	*0.06*	0.08	*0.00*	286	**0.8**	*0.05*	0.06	*0.00*
UK, England, Trent	107	**0.9**	*0.10*	0.06	*0.01*	98	**0.7**	*0.09*	0.05	*0.01*
UK, England, West Midlands	132	**1.0**	*0.09*	0.07	*0.01*	114	**0.8**	*0.08*	0.06	*0.01*
UK, Northern Ireland	26	**0.6**	*0.12*	0.05	*0.01*	23	**0.4**	*0.10*	0.03	*0.01*
UK, Scotland	129	**1.1**	*0.10*	0.08	*0.01*	93	**0.6**	*0.08*	0.05	*0.01*
Oceania										
Australia, New South Wales	178	**1.0**	*0.08*	0.08	*0.01*	144	**0.8**	*0.07*	0.06	*0.01*
Australia, Northern Territory	2	**0.4**	*0.29*	0.02	*0.02*	4	**0.8**	*0.40*	0.07	*0.04*
Australia, Queensland	100	**1.1**	*0.11*	0.09	*0.01*	87	**0.9**	*0.11*	0.07	*0.01*
Australia, South	49	**1.3**	*0.19*	0.10	*0.02*	34	**0.7**	*0.14*	0.06	*0.01*
Australia, Tasmania	8	**0.7**	*0.25*	0.06	*0.02*	7	**0.5**	*0.21*	0.04	*0.02*
Australia, Victoria	128	**1.0**	*0.09*	0.08	*0.01*	99	**0.8**	*0.08*	0.06	*0.01*
Australia, Western	43	**0.8**	*0.13*	0.08	*0.01*	47	**0.9**	*0.14*	0.08	*0.01*
Australian Capital Territory	8	**0.9**	*0.34*	0.08	*0.03*	5	**0.6**	*0.28*	0.05	*0.02*
French Polynesia	17	**3.0**	*0.77*	0.35	*0.12*	12	**1.9**	*0.57*	0.14	*0.04*
New Zealand	133	**1.3**	*0.12*	0.10	*0.01*	87	**0.9**	*0.10*	0.07	*0.01*
USA, Hawaii	33	**1.0**	*0.19*	0.09	*0.02*	19	**0.6**	*0.16*	0.04	*0.01*
USA, Hawaii: Chinese	0	**-**	-	-	-	2	**0.8**	*0.53*	0.08	*0.06*
USA, Hawaii: Filipino	5	**0.9**	*0.40*	0.10	*0.05*	2	**0.4**	*0.28*	0.03	*0.02*
USA, Hawaii: Hawaiian	6	**1.1**	*0.44*	0.10	*0.06*	3	**0.5**	*0.27*	0.03	*0.02*
USA, Hawaii: Japanese	6	**1.3**	*0.62*	0.10	*0.04*	4	**1.0**	*0.54*	0.07	*0.04*
USA, Hawaii: White	11	**1.0**	*0.31*	0.09	*0.03*	5	**0.8**	*0.41*	0.05	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Melanoma of skin (C43)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	5	**0.2**	*0.11*	-	-	11	**0.4**	*0.14*	-	- *
Egypt, Gharbiah	15	**0.3**	*0.10*	-	-	14	**0.3**	*0.07*	-	-
Tunisia, Centre, Sousse	5	**0.6**	*0.25*	-	-	5	**0.5**	*0.22*	-	- *
Uganda, Kyadondo County	9	**0.9**	*0.37*	-	-	16	**1.4**	*0.40*	-	- *
Zimbabwe, Harare: African	15	**0.9**	*0.28*	-	-	28	**2.3**	*0.50*	-	- *
America, Central and South										
Argentina, Bahia Blanca	27	**3.3**	*0.66*	0.34	*0.08*	29	**2.9**	*0.60*	0.32	*0.07*
Brazil, Brasilia	102	**4.2**	*0.46*	0.57	*0.08*	122	**4.2**	*0.43*	0.46	*0.06*
Brazil, Cuiaba	16	**2.7**	*0.70*	0.35	*0.10*	15	**2.0**	*0.53*	0.23	*0.08*
Brazil, Goiania	69	**4.4**	*0.55*	0.46	*0.07*	93	**4.5**	*0.49*	0.47	*0.06*
Brazil, Sao Paulo	1392	**6.5**	*0.20*	0.70	*0.03*	1687	**5.7**	*0.16*	0.61	*0.02*
Chile, Valdivia	16	**1.8**	*0.46*	0.19	*0.06*	32	**3.5**	*0.62*	0.39	*0.08*
Colombia, Cali	124	**3.5**	*0.33*	0.35	*0.04*	135	**2.9**	*0.27*	0.34	*0.04*
Costa Rica	188	**2.4**	*0.18*	0.25	*0.02*	173	**2.1**	*0.17*	0.23	*0.02*
Ecuador, Quito	73	**2.5**	*0.30*	0.24	*0.04*	96	**2.8**	*0.31*	0.31	*0.04*
France, La Martinique	18	**1.4**	*0.35*	0.15	*0.05*	19	**1.1**	*0.27*	0.14	*0.04*
Peru, Trujillo	16	**1.8**	*0.47*	0.25	*0.08*	23	**2.1**	*0.45*	0.27	*0.07**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	8496	**10.9**	*0.12*	1.21	*0.02*	7658	**9.3**	*0.11*	0.96	*0.01*
Canada, Alberta	945	**10.3**	*0.34*	1.11	*0.04*	948	**10.0**	*0.34*	1.00	*0.04*
Canada, British Columbia	1550	**10.8**	*0.28*	1.17	*0.04*	1329	**8.9**	*0.26*	0.92	*0.03*
Canada, Manitoba	352	**9.1**	*0.51*	1.00	*0.06*	285	**7.0**	*0.44*	0.74	*0.05*
Canada, New Brunswick	283	**11.3**	*0.69*	1.24	*0.09*	298	**11.1**	*0.68*	1.20	*0.08*
Canada, Newfoundland and Labrador	116	**6.4**	*0.61*	0.66	*0.07*	129	**6.7**	*0.62*	0.76	*0.08*
Canada, Northwest Territories	6	**5.9**	*2.59*	0.68	*0.35*	4	**5.3**	*2.88*	0.68	*0.41*
Canada, Nova Scotia	458	**14.0**	*0.68*	1.62	*0.09*	441	**12.5**	*0.63*	1.33	*0.07*
Canada, Ontario	4438	**11.4**	*0.18*	1.28	*0.02*	3834	**9.2**	*0.16*	0.95	*0.02*
Canada, Prince Edward Island	62	**12.6**	*1.65*	1.29	*0.21*	78	**15.7**	*1.89*	1.69	*0.22*
Canada, Saskatchewan	286	**8.0**	*0.50*	0.89	*0.06*	312	**8.5**	*0.52*	0.86	*0.06*
USA, Alabama	1557	**10.8**	*0.28*	1.22	*0.04*	1180	**7.4**	*0.23*	0.74	*0.02*
USA, Alabama: Black	17	**0.6**	*0.15*	0.07	*0.02*	17	**0.5**	*0.12*	0.06	*0.02*
USA, Alabama: White	1420	**12.4**	*0.34*	1.39	*0.04*	1045	**8.8**	*0.29*	0.87	*0.03*
USA, Alaska	149	**8.8**	*0.76*	0.94	*0.10*	115	**6.7**	*0.66*	0.69	*0.08*
USA, Arizona	2636	**15.4**	*0.31*	1.72	*0.04*	1697	**9.7**	*0.25*	0.98	*0.03*
USA, California	15400	**15.2**	*0.13*	1.70	*0.02*	11330	**10.3**	*0.10*	1.06	*0.01*
USA, California: Asian and Pacific Islander	100	**0.9**	*0.09*	0.10	*0.01*	111	**0.8**	*0.08*	0.07	*0.01*
USA, California: Black	57	**1.0**	*0.13*	0.10	*0.02*	44	**0.6**	*0.10*	0.07	*0.01*
USA, California: Hispanic White	536	**2.9**	*0.13*	0.32	*0.02*	689	**3.1**	*0.12*	0.33	*0.02*
USA, California: Non-Hispanic White	13688	**22.0**	*0.20*	2.44	*0.03*	9605	**15.7**	*0.18*	1.58	*0.02*
USA, California, Greater San Francisco Bay Area	2657	**12.9**	*0.26*	1.46	*0.04*	1995	**8.9**	*0.21*	0.92	*0.02*
USA, California, Greater San Francisco Bay Area: Black	9	**0.6**	*0.21*	0.05	*0.03*	6	**0.3**	*0.14*	0.02	*0.01*
USA, California, Greater San Francisco Bay Area: Chinese	15	**0.9**	*0.24*	0.12	*0.04*	13	**0.6**	*0.17*	0.05	*0.02*
USA, California, Greater San Francisco Bay Area: Filipino	4	**0.4**	*0.19*	0.03	*0.02*	4	**0.3**	*0.16*	0.03	*0.02*
USA, California, Greater San Francisco Bay Area: Japanese	1	**0.1**	*0.15*	-	-	4	**0.8**	*0.41*	0.08	*0.05*
USA, California, Greater San Francisco Bay Area: Hispanic White	67	**2.6**	*0.34*	0.31	*0.05*	114	**4.0**	*0.39*	0.41	*0.05*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	2391	**19.3**	*0.41*	2.18	*0.06*	1711	**13.8**	*0.37*	1.42	*0.04*
USA, California, Los Angeles County	3197	**11.9**	*0.22*	1.35	*0.03*	2389	**7.9**	*0.17*	0.82	*0.02*
USA, California, Los Angeles County: Black	24	**1.0**	*0.21*	0.12	*0.03*	20	**0.6**	*0.14*	0.08	*0.02*
USA, California, Los Angeles County: Chinese	12	**1.2**	*0.37*	0.15	*0.05*	7	**0.4**	*0.17*	0.03	*0.01*
USA, California, Los Angeles County: Filipino	6	**0.8**	*0.34*	0.10	*0.05*	7	**0.7**	*0.28*	0.08	*0.03*
USA, California, Los Angeles County: Japanese	6	**1.1**	*0.51*	0.12	*0.06*	5	**0.9**	*0.44*	0.10	*0.05*
USA, California, Los Angeles County: Korean	2	**0.3**	*0.25*	0.01	*0.01*	6	**1.2**	*0.61*	0.10	*0.05*
USA, California, Los Angeles County: Hispanic White	185	**2.8**	*0.22*	0.30	*0.03*	236	**2.6**	*0.18*	0.27	*0.02*
USA, California, Los Angeles County: Non-Hispanic White	2737	**21.7**	*0.44*	2.43	*0.06*	1947	**16.2**	*0.41*	1.64	*0.04*
USA, Colorado	2176	**16.9**	*0.37*	1.85	*0.05*	1727	**12.6**	*0.32*	1.23	*0.03*
USA, Connecticut	2053	**18.0**	*0.42*	2.06	*0.06*	1665	**13.3**	*0.35*	1.40	*0.04*
USA, Connecticut: Black	7	**0.9**	*0.37*	0.11	*0.05*	5	**0.5**	*0.25*	0.05	*0.03*
USA, Connecticut: White	1971	**19.0**	*0.45*	2.17	*0.06*	1595	**14.3**	*0.39*	1.50	*0.04*
USA, District of Columbia	123	**7.1**	*0.66*	0.80	*0.09*	92	**4.3**	*0.47*	0.43	*0.05*
USA, District of Columbia: Black	8	**0.8**	*0.28*	0.11	*0.04*	4	**0.1**	*0.08*	0.03	*0.02*
USA, District of Columbia: White	108	**17.3**	*1.72*	1.98	*0.24*	79	**11.6**	*1.40*	1.24	*0.18*
USA, Florida	8811	**13.7**	*0.16*	1.53	*0.02*	5923	**8.9**	*0.13*	0.93	*0.01*
USA, Florida: Black	41	**0.8**	*0.12*	0.09	*0.02*	68	**0.9**	*0.12*	0.11	*0.02*
USA, Florida: White	8590	**15.1**	*0.18*	1.69	*0.02*	5726	**10.2**	*0.15*	1.05	*0.02*
USA, Georgia	3205	**14.1**	*0.25*	1.63	*0.04*	2478	**9.3**	*0.19*	0.97	*0.02*
USA, Georgia: Black	46	**1.0**	*0.15*	0.11	*0.02*	44	**0.6**	*0.10*	0.06	*0.01*
USA, Georgia: White	3080	**17.7**	*0.32*	2.02	*0.04*	2351	**12.6**	*0.27*	1.28	*0.03*
USA, Georgia, Atlanta	1229	**17.3**	*0.51*	1.99	*0.07*	946	**10.7**	*0.36*	1.13	*0.04*
USA, Georgia, Atlanta: Black	15	**0.9**	*0.25*	0.08	*0.03*	17	**0.6**	*0.15*	0.08	*0.03*
USA, Georgia, Atlanta: White	1181	**23.8**	*0.71*	2.72	*0.10*	907	**16.6**	*0.57*	1.70	*0.07*
USA, Idaho	671	**16.8**	*0.67*	1.83	*0.08*	488	**11.6**	*0.56*	1.18	*0.06*
USA, Illinois	4084	**10.6**	*0.17*	1.21	*0.02*	3133	**7.3**	*0.14*	0.75	*0.02*
USA, Illinois: Black	28	**0.6**	*0.12*	0.08	*0.02*	34	**0.5**	*0.09*	0.04	*0.01*
USA, Illinois: White	3832	**11.7**	*0.20*	1.34	*0.03*	2916	**8.4**	*0.17*	0.86	*0.02*
USA, Indiana	2336	**12.2**	*0.26*	1.37	*0.03*	1862	**9.0**	*0.22*	0.89	*0.02*
USA, Iowa	1357	**13.7**	*0.39*	1.49	*0.05*	1262	**12.6**	*0.39*	1.23	*0.04*
USA, Kentucky	2145	**16.7**	*0.37*	1.83	*0.05*	1796	**13.0**	*0.32*	1.29	*0.03*
USA, Louisiana	1179	**8.6**	*0.26*	0.94	*0.03*	890	**5.7**	*0.20*	0.57	*0.02*
USA, Louisiana: Black	30	**0.9**	*0.16*	0.09	*0.02*	35	**0.7**	*0.12*	0.07	*0.02*
USA, Louisiana: White	1129	**11.3**	*0.35*	1.22	*0.04*	834	**7.9**	*0.30*	0.78	*0.03*
USA, Louisiana, New Orleans: Black	9	**1.0**	*0.33*	0.13	*0.05*	10	**0.6**	*0.19*	0.06	*0.03*
USA, Louisiana, New Orleans: White	183	**9.0**	*0.70*	1.02	*0.09*	135	**6.6**	*0.62*	0.64	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Melanoma of skin (C43) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	706	**15.7**	*0.62*	1.69	*0.08*	576	**11.8**	*0.54*	1.16	*0.06*
USA, Massachusetts	3140	**15.0**	*0.28*	1.69	*0.04*	2716	**11.5**	*0.24*	1.20	*0.03*
USA, Michigan	4579	**14.5**	*0.22*	1.61	*0.03*	3804	**11.4**	*0.20*	1.13	*0.02*
USA, Michigan: Black	36	**1.0**	*0.18*	0.10	*0.02*	29	**0.7**	*0.13*	0.08	*0.02*
USA, Michigan: White	4343	**15.8**	*0.25*	1.75	*0.03*	3590	**12.9**	*0.23*	1.26	*0.02*
USA, Michigan, Detroit	1721	**13.7**	*0.34*	1.52	*0.04*	1428	**10.5**	*0.29*	1.03	*0.03*
USA, Michigan, Detroit: Black	21	**0.8**	*0.19*	0.09	*0.03*	18	**0.6**	*0.14*	0.06	*0.02*
USA, Michigan, Detroit: White	1679	**17.4**	*0.44*	1.91	*0.06*	1392	**14.2**	*0.41*	1.38	*0.04*
USA, Missouri	1781	**9.8**	*0.24*	1.08	*0.03*	1271	**6.2**	*0.19*	0.61	*0.02*
USA, Missouri: Black	8	**0.5**	*0.19*	0.04	*0.02*	10	**0.4**	*0.15*	0.04	*0.02*
USA, Missouri: White	1751	**10.6**	*0.27*	1.18	*0.03*	1232	**6.8**	*0.21*	0.67	*0.02*
USA, Montana	395	**12.7**	*0.67*	1.40	*0.08*	307	**9.7**	*0.60*	0.97	*0.06*
USA, NPCR	93718	**13.1**	*0.04*	1.46	*0.01*	71525	**9.2**	*0.04*	0.94	*0.00*
USA, NPCR: Black	462	**0.7**	*0.03*	0.08	*0.00*	545	**0.6**	*0.03*	0.07	*0.00*
USA, NPCR: White	89053	**14.4**	*0.05*	1.61	*0.01*	67236	**10.3**	*0.04*	1.05	*0.00*
USA, New Jersey	3941	**14.2**	*0.24*	1.63	*0.03*	3099	**9.7**	*0.19*	1.03	*0.02*
USA, New Jersey: Black	16	**0.5**	*0.14*	0.05	*0.01*	24	**0.6**	*0.12*	0.07	*0.02*
USA, New Jersey: White	3863	**16.6**	*0.28*	1.90	*0.04*	3023	**11.8**	*0.24*	1.23	*0.03*
USA, New Mexico	824	**14.2**	*0.51*	1.59	*0.07*	583	**9.7**	*0.42*	0.98	*0.05*
USA, New Mexico: American Indian	8	**2.1**	*0.77*	0.20	*0.09*	3	**0.8**	*0.45*	0.10	*0.06*
USA, New Mexico: Hispanic White	44	**2.4**	*0.36*	0.28	*0.05*	72	**3.5**	*0.42*	0.37	*0.05*
USA, New Mexico: Non-Hispanic White	771	**23.7**	*0.91*	2.58	*0.11*	504	**16.5**	*0.81*	1.60	*0.08*
USA, New York State	5706	**9.3**	*0.13*	1.05	*0.02*	4554	**6.4**	*0.10*	0.67	*0.01*
USA, New York State: Black	53	**0.8**	*0.11*	0.09	*0.02*	73	**0.7**	*0.08*	0.07	*0.01*
USA, New York State: White	5589	**10.9**	*0.15*	1.24	*0.02*	4434	**7.8**	*0.13*	0.82	*0.01*
USA, Ohio	4566	**12.4**	*0.19*	1.37	*0.02*	3779	**9.6**	*0.17*	0.96	*0.02*
USA, Ohio: Black	25	**0.8**	*0.16*	0.08	*0.02*	23	**0.5**	*0.11*	0.06	*0.02*
USA, Ohio: White	4153	**12.6**	*0.20*	1.39	*0.03*	3426	**9.9**	*0.18*	0.99	*0.02*
USA, Oklahoma	1192	**10.3**	*0.31*	1.15	*0.04*	831	**6.5**	*0.24*	0.68	*0.03*
USA, Oregon	2108	**18.5**	*0.42*	2.08	*0.05*	1764	**15.5**	*0.39*	1.53	*0.04*
USA, Pennsylvania	5533	**12.7**	*0.18*	1.42	*0.02*	4297	**9.4**	*0.16*	0.96	*0.02*
USA, Pennsylvania: Black	20	**0.6**	*0.15*	0.07	*0.02*	17	**0.4**	*0.10*	0.07	*0.02*
USA, Pennsylvania: White	5175	**13.1**	*0.19*	1.45	*0.02*	3997	**9.9**	*0.17*	1.00	*0.02*
USA, Rhode Island	640	**18.2**	*0.76*	2.11	*0.10*	453	**11.1**	*0.57*	1.17	*0.07*
USA, SEER (9 Registries)	12579	**15.1**	*0.14*	1.69	*0.02*	10207	**11.4**	*0.12*	1.16	*0.01*
USA, SEER (9 Registries): Black	58	**0.8**	*0.11*	0.09	*0.02*	55	**0.6**	*0.08*	0.06	*0.01*
USA, SEER (9 Registries): White	12120	**17.9**	*0.17*	2.00	*0.02*	9791	**14.1**	*0.15*	1.42	*0.02*
USA, SEER (14 Registries)	33579	**14.8**	*0.08*	1.65	*0.01*	26085	**10.5**	*0.07*	1.08	*0.01*
USA, SEER (14 Registries): Asian and Pacific Islander	174	**1.0**	*0.08*	0.11	*0.01*	190	**0.9**	*0.06*	0.08	*0.01*
USA, SEER (14 Registries): Black	162	**0.9**	*0.07*	0.09	*0.01*	160	**0.6**	*0.05*	0.07	*0.01*
USA, SEER (14 Registries): Hispanic White	734	**3.0**	*0.12*	0.33	*0.02*	942	**3.2**	*0.11*	0.34	*0.01*
USA, SEER (14 Registries): Non-Hispanic White	31093	**19.4**	*0.12*	2.15	*0.01*	23543	**14.4**	*0.10*	1.45	*0.01*
USA, South Carolina	1823	**14.4**	*0.35*	1.62	*0.04*	1392	**10.0**	*0.28*	1.03	*0.03*
USA, South Carolina: Black	17	**0.6**	*0.15*	0.07	*0.02*	35	**0.8**	*0.15*	0.11	*0.02*
USA, South Carolina: White	1763	**18.4**	*0.45*	2.03	*0.06*	1306	**13.4**	*0.39*	1.35	*0.04*
USA, Texas	6036	**10.2**	*0.13*	1.13	*0.02*	4277	**6.4**	*0.10*	0.64	*0.01*
USA, Texas: Black	25	**0.5**	*0.09*	0.04	*0.01*	49	**0.6**	*0.09*	0.07	*0.01*
USA, Texas: White	5664	**10.9**	*0.15*	1.20	*0.02*	3921	**6.8**	*0.12*	0.69	*0.01*
USA, Utah	968	**16.7**	*0.56*	1.79	*0.07*	781	**13.0**	*0.48*	1.34	*0.06*
USA, Vermont	428	**20.6**	*1.03*	2.20	*0.13*	361	**17.4**	*0.96*	1.75	*0.10*
USA, Washington State	3235	**17.2**	*0.31*	1.93	*0.04*	2810	**14.5**	*0.29*	1.45	*0.03*
USA, Washington, Seattle	2168	**16.9**	*0.38*	1.89	*0.05*	1922	**14.3**	*0.34*	1.43	*0.04*
USA, West Virginia	855	**13.2**	*0.47*	1.45	*0.06*	668	**9.9**	*0.42*	0.98	*0.04*
USA, Wisconsin	2002	**11.3**	*0.26*	1.26	*0.03*	1591	**8.7**	*0.23*	0.89	*0.03*
Asia										
Bahrain: Bahraini	2	**0.4**	*0.25*	0.05	*0.05*	1	**0.2**	*0.18*	0.05	*0.05*
China, Guangzhou City	45	**0.8**	*0.12*	0.10	*0.02*	28	**0.5**	*0.09*	0.05	*0.01**
China, Hong Kong	150	**0.7**	*0.06*	0.07	*0.01*	129	**0.6**	*0.05*	0.06	*0.01*
China, Jiashan	2	**0.1**	*0.10*	0.01	*0.01*	4	**0.3**	*0.14*	0.05	*0.03**
China, Nangang District, Harbin City	2	**0.1**	*0.05*	0.01	*0.01*	5	**0.2**	*0.09*	0.03	*0.02*
China, Shanghai	107	**0.4**	*0.05*	0.05	*0.01*	91	**0.3**	*0.04*	0.04	*0.00**
China, Zhongshan	7	**0.2**	*0.08*	0.03	*0.01*	7	**0.2**	*0.06*	0.02	*0.01**
Cyprus	59	**2.9**	*0.39*	0.36	*0.05*	82	**3.3**	*0.39*	0.36	*0.05**
India, Chennai (Madras)	24	**0.3**	*0.05*	0.03	*0.01*	28	**0.3**	*0.06*	0.04	*0.01*
India, New Delhi	58	**0.3**	*0.04*	0.03	*0.01*	44	**0.2**	*0.04*	0.03	*0.01**
India, Karunagappally	4	**0.5**	*0.23*	0.06	*0.03*	1	**0.1**	*0.09*	-	-
India, Mumbai (Bombay)	61	**0.3**	*0.04*	0.03	*0.00*	48	**0.2**	*0.04*	0.03	*0.01*
India, Nagpur	13	**0.4**	*0.10*	0.04	*0.01*	3	**0.1**	*0.05*	0.01	*0.00**
India, Poona	0	**-**	-	-	-	0	**-**	-	-	- *
India, Trivandrum	5	**0.2**	*0.09*	0.02	*0.01*	9	**0.3**	*0.09*	0.03	*0.01**
Israel	1774	**11.2**	*0.27*	1.24	*0.04*	1726	**9.5**	*0.24*	0.99	*0.03*
Israel: Jews	1701	**12.2**	*0.30*	1.33	*0.04*	1681	**10.5**	*0.27*	1.09	*0.03*
Israel: Non-Jews	23	**1.4**	*0.32*	0.17	*0.04*	16	**0.8**	*0.22*	0.08	*0.03*
Japan, Aichi Prefecture	18	**0.5**	*0.12*	0.05	*0.01*	22	**0.6**	*0.12*	0.05	*0.01*
Japan, Fukui Prefecture	17	**0.4**	*0.11*	0.03	*0.01*	14	**0.3**	*0.11*	0.03	*0.01*
Japan, Hiroshima	17	**0.5**	*0.13*	0.05	*0.01*	28	**0.7**	*0.13*	0.06	*0.01*
Japan, Miyagi Prefecture	48	**0.5**	*0.09*	0.05	*0.01*	45	**0.5**	*0.08*	0.04	*0.01*
Japan, Nagasaki Prefecture	36	**0.7**	*0.13*	0.06	*0.01*	41	**0.5**	*0.09*	0.04	*0.01*
Japan, Osaka Prefecture	129	**0.4**	*0.04*	0.04	*0.00*	87	**0.2**	*0.03*	0.02	*0.00*
Japan, Yamagata Prefecture	23	**0.4**	*0.09*	0.04	*0.01*	32	**0.5**	*0.12*	0.05	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Melanoma of skin (C43) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	465	**0.5**	*0.02*	0.06	*0.00*	490	**0.4**	*0.02*	0.05	*0.00*
Korea, Busan	42	**0.5**	*0.09*	0.06	*0.01*	38	**0.3**	*0.06*	0.04	*0.01*
Korea, Daegu	37	**0.7**	*0.11*	0.08	*0.02*	22	**0.3**	*0.07*	0.03	*0.01*
Korea, Daejeon	9	**0.3**	*0.11*	0.04	*0.02*	26	**0.8**	*0.16*	0.08	*0.02*
Korea, Gwangju	18	**0.7**	*0.16*	0.10	*0.03*	19	**0.5**	*0.12*	0.05	*0.01*
Korea, Incheon	23	**0.5**	*0.10*	0.07	*0.02*	27	**0.4**	*0.08*	0.04	*0.01*
Korea, Jejudo	3	**0.4**	*0.21*	0.05	*0.03*	3	**0.2**	*0.15*	0.03	*0.02*
Korea, Seoul	123	**0.6**	*0.06*	0.06	*0.01*	124	**0.5**	*0.04*	0.06	*0.01*
Korea, Ulsan	11	**0.5**	*0.14*	0.04	*0.01*	13	**0.5**	*0.16*	0.05	*0.02*
Kuwait: Kuwaitis	2	**0.2**	*0.17*	0.02	*0.02*	4	**0.3**	*0.18*	0.03	*0.02*
Kuwait: Non-Kuwaitis	10	**0.6**	*0.27*	0.10	*0.06*	3	**0.3**	*0.23*	0.03	*0.03*
Malaysia, Penang	9	**0.5**	*0.17*	0.02	*0.01*	9	**0.4**	*0.14*	0.05	*0.02*
Malaysia, Sarawak	39	**1.2**	*0.19*	0.16	*0.03*	16	**0.5**	*0.12*	0.06	*0.02*
Oman: Omani	6	**0.4**	*0.16*	0.05	*0.02*	6	**0.3**	*0.15*	0.03	*0.02**
Pakistan, South Karachi	16	**0.5**	*0.13*	0.05	*0.02*	6	**0.3**	*0.12*	0.03	*0.01**
Philippines, Manila	55	**0.8**	*0.12*	0.10	*0.02*	47	**0.6**	*0.08*	0.06	*0.01**
Singapore	34	**0.4**	*0.07*	0.04	*0.01*	35	**0.4**	*0.06*	0.04	*0.01*
Singapore: Chinese	26	**0.4**	*0.08*	0.04	*0.01*	32	**0.4**	*0.07*	0.04	*0.01*
Singapore: Indian	2	**0.4**	*0.25*	0.04	*0.03*	0	**-**	-	-	-
Singapore: Malay	6	**0.7**	*0.29*	0.05	*0.03*	3	**0.2**	*0.13*	0.04	*0.03*
Thailand, Chiang Mai	27	**0.6**	*0.13*	0.06	*0.01*	16	**0.4**	*0.10*	0.06	*0.02**
Thailand, Lampang	18	**0.8**	*0.20*	0.10	*0.03*	7	**0.3**	*0.10*	0.02	*0.01**
Thailand, Songkhla	13	**0.5**	*0.13*	0.04	*0.02*	13	**0.4**	*0.12*	0.06	*0.02*
Turkey, Antalya	32	**1.0**	*0.18*	0.12	*0.03*	47	**1.5**	*0.22*	0.17	*0.03**
Turkey, Izmir	107	**1.3**	*0.12*	0.14	*0.02*	86	**1.0**	*0.11*	0.11	*0.01**
Europe										
Austria	2407	**8.6**	*0.18*	0.93	*0.02*	2570	**7.8**	*0.17*	0.79	*0.02*
Austria, Tyrol	278	**13.0**	*0.80*	1.38	*0.09*	284	**11.4**	*0.74*	1.09	*0.08*
Austria, Vorarlberg	135	**12.4**	*1.08*	1.35	*0.13*	159	**12.9**	*1.09*	1.28	*0.12*
Belarus	782	**2.7**	*0.10*	0.30	*0.01*	1422	**3.5**	*0.10*	0.38	*0.01**
Belgium, Antwerp	289	**4.6**	*0.28*	0.49	*0.03*	371	**5.9**	*0.34*	0.60	*0.03**
Belgium, Flanders	958	**5.5**	*0.18*	0.58	*0.02*	1543	**8.8**	*0.25*	0.87	*0.02*
Bulgaria	822	**2.7**	*0.10*	0.30	*0.01*	790	**2.4**	*0.09*	0.24	*0.01**
Croatia	1044	**6.9**	*0.22*	0.74	*0.03*	1034	**5.8**	*0.19*	0.58	*0.02*
Czech Republic	3457	**9.9**	*0.17*	1.13	*0.02*	3586	**8.8**	*0.16*	0.93	*0.02*
Denmark	2303	**11.9**	*0.26*	1.30	*0.03*	2811	**14.1**	*0.29*	1.43	*0.03*
Estonia	222	**5.3**	*0.36*	0.59	*0.04*	400	**6.6**	*0.36*	0.71	*0.04*
Finland	1664	**8.8**	*0.22*	0.97	*0.03*	1626	**7.5**	*0.20*	0.80	*0.02*
France, Bas-Rhin	375	**11.3**	*0.59*	1.24	*0.07*	432	**12.1**	*0.61*	1.21	*0.06*
France, Calvados	104	**4.7**	*0.48*	0.50	*0.06*	165	**6.3**	*0.55*	0.68	*0.06*
France, Doubs	120	**7.4**	*0.70*	0.79	*0.08*	180	**9.5**	*0.77*	0.96	*0.08*
France, Haut-Rhin	258	**10.7**	*0.69*	1.15	*0.08*	304	**11.5**	*0.72*	1.16	*0.08*
France, Herault	236	**7.1**	*0.49*	0.75	*0.06*	252	**7.3**	*0.50*	0.77	*0.05*
France, Isere	261	**7.2**	*0.45*	0.78	*0.06*	323	**8.4**	*0.49*	0.83	*0.05*
France, Loire-Atlantique	373	**9.8**	*0.52*	1.03	*0.06*	505	**11.8**	*0.57*	1.19	*0.06*
France, Manche	124	**6.7**	*0.65*	0.69	*0.07*	205	**9.8**	*0.79*	0.98	*0.08*
France, Somme	110	**6.2**	*0.62*	0.65	*0.07*	124	**5.7**	*0.56*	0.59	*0.06*
France, Tarn	89	**6.2**	*0.74*	0.67	*0.08*	114	**7.5**	*0.81*	0.77	*0.08*
France, Vendee	159	**7.3**	*0.62*	0.78	*0.07*	227	**10.4**	*0.80*	1.01	*0.08*
Germany, Brandenburg	721	**7.4**	*0.28*	0.85	*0.04*	759	**7.0**	*0.28*	0.75	*0.03*
Germany, Free State of Saxony	1497	**8.6**	*0.23*	0.95	*0.03*	1564	**8.0**	*0.23*	0.83	*0.02*
Germany, Hamburg	629	**9.7**	*0.40*	1.08	*0.05*	739	**10.5**	*0.43*	1.08	*0.04*
Germany, Mecklenburg-Western Pomerania	406	**6.4**	*0.32*	0.73	*0.04*	506	**7.0**	*0.34*	0.73	*0.04*
Germany, Munich	1113	**12.7**	*0.40*	1.40	*0.05*	1078	**11.5**	*0.38*	1.17	*0.04*
Germany, Northrhine-Westphalia: Munster	726	**8.0**	*0.31*	0.83	*0.03*	930	**10.1**	*0.37*	0.94	*0.03*
Germany, Saarland	336	**8.1**	*0.46*	0.89	*0.05*	334	**7.8**	*0.49*	0.78	*0.05*
Iceland	78	**9.3**	*1.08*	0.97	*0.13*	153	**19.0**	*1.57*	1.71	*0.15*
Ireland	860	**7.4**	*0.26*	0.77	*0.03*	1397	**11.0**	*0.31*	1.14	*0.04*
Italy, Biella Province	76	**9.8**	*1.21*	0.96	*0.13*	83	**10.1**	*1.28*	1.03	*0.13*
Italy, Brescia Province	186	**8.4**	*0.64*	0.92	*0.08*	183	**8.2**	*0.69*	0.79	*0.07*
Italy, Ferrara Province	99	**6.4**	*0.70*	0.66	*0.08*	129	**7.9**	*0.82*	0.80	*0.08*
Italy, Florence and Prato	441	**9.8**	*0.51*	1.02	*0.05*	500	**10.6**	*0.54*	1.01	*0.05*
Italy, Genoa Province	177	**7.9**	*0.66*	0.84	*0.07*	189	**7.4**	*0.68*	0.71	*0.06*
Italy, Macerata Province	63	**9.6**	*1.32*	0.97	*0.13*	79	**11.4**	*1.41*	1.10	*0.14*
Italy, Milan	449	**10.4**	*0.53*	1.08	*0.06*	441	**9.7**	*0.52*	0.97	*0.05*
Italy, Modena Province	178	**7.0**	*0.57*	0.76	*0.06*	166	**6.3**	*0.54*	0.64	*0.06*
Italy, Naples	59	**3.9**	*0.51*	0.43	*0.06*	57	**3.4**	*0.46*	0.34	*0.05*
Italy, North East Cancer Surveillance Network	772	**9.5**	*0.36*	1.02	*0.04*	947	**10.6**	*0.39*	1.07	*0.04*
Italy, Parma Province	136	**7.8**	*0.75*	0.84	*0.08*	126	**7.1**	*0.73*	0.71	*0.07*
Italy, Ragusa Province	39	**3.8**	*0.64*	0.37	*0.07*	53	**4.4**	*0.67*	0.45	*0.07*
Italy, Reggio Emilia Province	104	**6.1**	*0.67*	0.60	*0.07*	127	**6.7**	*0.69*	0.69	*0.07*
Italy, Romagna Region	395	**10.0**	*0.55*	1.05	*0.06*	353	**9.3**	*0.57*	0.87	*0.05*
Italy, Salerno Province	148	**5.0**	*0.42*	0.52	*0.05*	154	**5.1**	*0.44*	0.48	*0.04*
Italy, Sassari Province	56	**3.4**	*0.47*	0.36	*0.05*	56	**3.3**	*0.46*	0.33	*0.05*
Italy, Syracuse Province	56	**4.6**	*0.64*	0.53	*0.08*	56	**4.7**	*0.69*	0.45	*0.07*
Italy, Sondrio	36	**5.4**	*0.92*	0.61	*0.12*	72	**9.5**	*1.22*	1.03	*0.14*
Italy, Torino	399	**10.7**	*0.57*	1.19	*0.07*	425	**11.4**	*0.63*	1.11	*0.06*
Italy, Umbria Region	196	**5.6**	*0.44*	0.60	*0.05*	209	**6.2**	*0.51*	0.60	*0.05*
Italy, Varese Province	141	**7.8**	*0.67*	0.85	*0.08*	158	**7.6**	*0.66*	0.79	*0.07*
Italy, Veneto Region	568	**9.4**	*0.41*	1.05	*0.05*	638	**10.0**	*0.44*	1.00	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Melanoma of skin (C43) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	238	**3.2**	*0.21*	0.35	*0.03*	464	**4.2**	*0.21*	0.45	*0.02*
Lithuania	385	**3.7**	*0.19*	0.43	*0.02*	728	**5.2**	*0.21*	0.57	*0.02*
Malta	72	**5.5**	*0.67*	0.64	*0.09*	70	**5.1**	*0.64*	0.53	*0.07*
Norway	2305	**14.2**	*0.31*	1.58	*0.04*	2472	**14.6**	*0.32*	1.53	*0.04*
Poland, Cracow	137	**5.7**	*0.50*	0.71	*0.07*	166	**5.6**	*0.46*	0.55	*0.05**
Poland, Kielce	151	**3.7**	*0.31*	0.41	*0.04*	190	**4.0**	*0.30*	0.44	*0.04*
Poland, Warsaw City	259	**4.4**	*0.28*	0.51	*0.04*	341	**4.6**	*0.27*	0.50	*0.03*
Portugal, Porto	259	**2.6**	*0.17*	0.27	*0.02*	412	**3.5**	*0.19*	0.35	*0.02**
Portugal, South Regional	367	**3.7**	*0.20*	0.41	*0.02*	550	**4.8**	*0.22*	0.51	*0.02*
Russia, St Petersburg	523	**3.8**	*0.17*	0.42	*0.02*	1055	**4.8**	*0.16*	0.52	*0.02*
Serbia	642	**4.0**	*0.16*	0.43	*0.02*	663	**3.8**	*0.16*	0.39	*0.02*
Slovak Republic	1006	**6.4**	*0.20*	0.74	*0.03*	1191	**6.3**	*0.19*	0.66	*0.02*
Slovenia	595	**9.0**	*0.37*	0.98	*0.05*	686	**8.7**	*0.36*	0.92	*0.04*
Spain, Albacete	55	**5.0**	*0.73*	0.52	*0.08*	57	**4.8**	*0.72*	0.52	*0.08*
Spain, Asturias	152	**3.4**	*0.30*	0.37	*0.04*	272	**5.8**	*0.39*	0.61	*0.04*
Spain, Basque Country	308	**4.9**	*0.29*	0.52	*0.03*	447	**6.6**	*0.34*	0.65	*0.03*
Spain, Canary Islands	181	**3.9**	*0.30*	0.39	*0.03*	242	**4.8**	*0.32*	0.52	*0.04*
Spain, Cuenca	31	**3.3**	*0.72*	0.35	*0.08*	28	**2.0**	*0.47*	0.25	*0.06*
Spain, Girona	114	**5.2**	*0.53*	0.51	*0.06*	142	**6.6**	*0.61*	0.72	*0.07*
Spain, Granada	112	**4.3**	*0.43*	0.42	*0.04*	147	**4.8**	*0.43*	0.49	*0.05*
Spain, Murcia	239	**6.5**	*0.43*	0.69	*0.05*	276	**7.0**	*0.45*	0.69	*0.05*
Spain, Navarra	143	**6.6**	*0.58*	0.72	*0.07*	149	**7.5**	*0.68*	0.70	*0.06*
Spain, Tarragona	113	**6.4**	*0.66*	0.68	*0.07*	146	**8.7**	*0.83*	0.77	*0.07*
Spain, Zaragoza	129	**4.0**	*0.39*	0.40	*0.04*	148	**4.2**	*0.40*	0.41	*0.04*
Sweden	4232	**11.9**	*0.20*	1.34	*0.02*	4267	**12.1**	*0.21*	1.26	*0.02*
Switzerland, Geneva	269	**18.5**	*1.17*	1.95	*0.14*	293	**19.0**	*1.20*	1.83	*0.12*
Switzerland, Graubunden and Glarus	97	**11.5**	*1.22*	1.10	*0.13*	109	**13.2**	*1.38*	1.29	*0.14*
Switzerland, Neuchatel	104	**18.6**	*1.93*	1.95	*0.21*	97	**15.4**	*1.71*	1.52	*0.17*
Switzerland, St Gall-Appenzell	230	**12.8**	*0.88*	1.41	*0.11*	247	**12.7**	*0.88*	1.33	*0.10*
Switzerland, Ticino	148	**12.4**	*1.07*	1.39	*0.13*	176	**14.3**	*1.20*	1.33	*0.11*
Switzerland, Valais	110	**11.8**	*1.17*	1.13	*0.13*	157	**16.5**	*1.41*	1.66	*0.15*
Switzerland, Vaud	371	**16.6**	*0.90*	1.77	*0.11*	448	**19.6**	*1.01*	1.99	*0.11*
The Netherlands	5348	**10.0**	*0.14*	1.06	*0.02*	7164	**12.9**	*0.16*	1.27	*0.02*
The Netherlands, Eindhoven	327	**9.4**	*0.53*	0.98	*0.06*	430	**12.9**	*0.66*	1.26	*0.07*
The Netherlands, Maastricht	285	**8.9**	*0.55*	0.93	*0.06*	386	**12.6**	*0.69*	1.21	*0.07*
UK, East of England Region	882	**8.8**	*0.31*	0.94	*0.04*	1020	**9.8**	*0.33*	1.03	*0.04*
UK, England, Merseyside and Cheshire	580	**6.9**	*0.30*	0.72	*0.03*	831	**9.4**	*0.36*	0.91	*0.04*
UK, England, North Western	988	**6.8**	*0.23*	0.71	*0.03*	1364	**9.1**	*0.27*	0.89	*0.03*
UK, England, Northern and Yorkshire	1570	**6.9**	*0.18*	0.74	*0.02*	2153	**8.9**	*0.21*	0.87	*0.02*
UK, England, Oxford Region	892	**9.8**	*0.34*	1.08	*0.04*	1212	**12.6**	*0.39*	1.26	*0.04*
UK, England, South and Western Regions	2772	**10.7**	*0.22*	1.16	*0.03*	3267	**11.9**	*0.24*	1.23	*0.03*
UK, England, Thames	2977	**6.2**	*0.12*	0.66	*0.01*	3802	**7.1**	*0.13*	0.73	*0.01*
UK, England, Trent	1064	**6.1**	*0.20*	0.64	*0.02*	1345	**7.5**	*0.22*	0.74	*0.02*
UK, England, West Midlands	1303	**6.9**	*0.20*	0.73	*0.02*	1608	**8.2**	*0.22*	0.82	*0.02*
UK, Northern Ireland	395	**7.5**	*0.39*	0.78	*0.05*	607	**10.2**	*0.45*	1.02	*0.05*
UK, Scotland	1471	**8.4**	*0.23*	0.88	*0.03*	1954	**10.1**	*0.25*	0.99	*0.03*
Oceania										
Australia, New South Wales	8624	**38.5**	*0.43*	4.31	*0.06*	6068	**26.5**	*0.36*	2.79	*0.04*
Australia, Northern Territory	127	**25.4**	*2.44*	2.88	*0.35*	100	**21.7**	*2.34*	2.16	*0.30*
Australia, Queensland	6504	**55.8**	*0.71*	6.14	*0.09*	4821	**41.1**	*0.62*	4.18	*0.07*
Australia, South	1658	**31.0**	*0.79*	3.31	*0.10*	1427	**25.7**	*0.74*	2.58	*0.08*
Australia, Tasmania	498	**30.8**	*1.44*	3.42	*0.18*	518	**32.4**	*1.51*	3.33	*0.16*
Australia, Victoria	4434	**27.3**	*0.42*	2.98	*0.05*	3977	**23.4**	*0.39*	2.42	*0.05*
Australia, Western	2658	**44.5**	*0.88*	4.88	*0.11*	1927	**31.5**	*0.75*	3.21	*0.09*
Australian Capital Territory	294	**32.4**	*1.93*	3.69	*0.26*	254	**26.0**	*1.69*	2.76	*0.21*
French Polynesia	15	**3.1**	*0.83*	0.36	*0.11*	20	**4.7**	*1.08*	0.67	*0.18*
New Zealand	4284	**34.8**	*0.55*	3.86	*0.07*	4140	**31.4**	*0.51*	3.30	*0.06*
USA, Hawaii	564	**13.6**	*0.60*	1.53	*0.08*	356	**8.3**	*0.47*	0.87	*0.05*
USA, Hawaii: Chinese	1	**0.3**	*0.33*	0.03	*0.03*	4	**0.9**	*0.49*	0.11	*0.06*
USA, Hawaii: Filipino	7	**1.0**	*0.41*	0.16	*0.07*	6	**1.0**	*0.41*	0.11	*0.05*
USA, Hawaii: Hawaiian	13	**2.4**	*0.68*	0.29	*0.10*	10	**1.6**	*0.50*	0.15	*0.06*
USA, Hawaii: Japanese	22	**2.2**	*0.55*	0.24	*0.06*	19	**1.4**	*0.45*	0.15	*0.04*
USA, Hawaii: White	483	**41.1**	*1.95*	4.66	*0.26*	278	**26.3**	*1.68*	2.86	*0.20*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other skin (C44)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	154	**7.7**	*0.64*	-	-	97	**4.5**	*0.46*	-	- *
Egypt, Gharbiah	262	**6.8**	*0.44*	-	-	128	**2.5**	*0.23*	-	-
Tunisia, Centre, Sousse	133	**13.4**	*1.19*	-	-	107	**10.5**	*1.03*	-	- *
Uganda, Kyadondo County	50	**3.9**	*0.72*	-	-	33	**2.1**	*0.49*	-	- *
Zimbabwe, Harare: African	64	**2.9**	*0.48*	-	-	86	**4.5**	*0.68*	-	- *
America, Central and South										
Argentina, Bahia Blanca	164	**18.9**	*1.54*	2.30	*0.22*	141	**12.4**	*1.17*	1.36	*0.15*
Brazil, Brasilia	2474	**120.1**	*2.72*	13.71	*0.40*	2531	**97.0**	*2.13*	11.09	*0.32*
Brazil, Cuiaba	431	**69.9**	*3.55*	8.73	*0.55*	372	**51.7**	*2.86*	6.07	*0.43*
Brazil, Goiania	2703	**198.1**	*3.91*	22.24	*0.57*	3177	**177.1**	*3.21*	19.41	*0.47*
Brazil, Sao Paulo	19192	**94.8**	*0.82*	10.75	*0.12*	21205	**72.9**	*0.60*	8.08	*0.09*
Chile, Valdivia	145	**15.6**	*1.32*	1.65	*0.19*	169	**15.8**	*1.26*	1.64	*0.17*
Colombia, Cali	26	**0.7**	*0.15*	0.07	*0.02*	27	**0.6**	*0.12*	0.06	*0.02*
Costa Rica	3175	**42.5**	*0.78*	4.73	*0.11*	3079	**37.5**	*0.70*	4.05	*0.10*
Ecuador, Quito	796	**29.1**	*1.08*	3.32	*0.16*	934	**27.6**	*0.96*	3.19	*0.14*
France, La Martinique	192	**16.8**	*1.26*	1.79	*0.16*	253	**18.4**	*1.22*	2.02	*0.15*
Peru, Trujillo	196	**21.9**	*1.61*	2.41	*0.24*	226	**19.2**	*1.33*	2.05	*0.20**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	5590	**6.5**	*0.09*	0.71	*0.01*	5026	**4.9**	*0.08*	0.53	*0.01*
Canada, Alberta	98	**1.0**	*0.10*	0.09	*0.01*	105	**1.0**	*0.10*	0.09	*0.01*
Canada, British Columbia	96	**0.6**	*0.06*	0.06	*0.01*	117	**0.7**	*0.07*	0.06	*0.01*
Canada, Manitoba	5168	**119.2**	*1.75*	13.65	*0.25*	4594	**88.7**	*1.48*	9.96	*0.20*
Canada, New Brunswick	24	**1.0**	*0.21*	0.10	*0.03*	35	**0.9**	*0.17*	0.07	*0.02*
Canada, Newfoundland and Labrador	29	**1.5**	*0.28*	0.13	*0.03*	24	**1.1**	*0.24*	0.11	*0.03*
Canada, Northwest Territories										
Canada, Nova Scotia	44	**1.2**	*0.20*	0.11	*0.02*	34	**0.8**	*0.16*	0.08	*0.02*
Canada, Ontario	82	**0.2**	*0.02*	0.02	*0.00*	73	**0.2**	*0.02*	0.02	*0.00*
Canada, Prince Edward Island	5	**0.9**	*0.42*	0.07	*0.05*	3	**0.8**	*0.46*	0.10	*0.06*
Canada, Saskatchewan	44	**1.1**	*0.19*	0.13	*0.03*	41	**0.9**	*0.16*	0.09	*0.02*
USA, Alabama	146	**0.9**	*0.08*	0.09	*0.01*	104	**0.6**	*0.07*	0.06	*0.01*
USA, Alabama: Black	20	**0.7**	*0.16*	0.06	*0.01*	27	**0.8**	*0.16*	0.06	*0.01*
USA, Alabama: White	120	**0.9**	*0.09*	0.10	*0.01*	76	**0.6**	*0.07*	0.06	*0.01*
USA, Alaska	15	**0.9**	*0.24*	0.11	*0.04*	12	**0.7**	*0.21*	0.07	*0.03*
USA, Arizona	140	**0.8**	*0.07*	0.07	*0.01*	124	**0.6**	*0.06*	0.06	*0.01*
USA, California	1461	**1.4**	*0.04*	0.14	*0.01*	1212	**1.0**	*0.03*	0.10	*0.00*
USA, California: Asian and Pacific Islander	69	**0.6**	*0.07*	0.07	*0.01*	67	**0.5**	*0.06*	0.04	*0.01*
USA, California: Black	78	**1.2**	*0.14*	0.13	*0.02*	68	**0.9**	*0.12*	0.09	*0.01*
USA, California: Hispanic White	134	**0.7**	*0.06*	0.06	*0.01*	143	**0.6**	*0.06*	0.06	*0.01*
USA, California: Non-Hispanic White	1090	**1.6**	*0.05*	0.16	*0.01*	849	**1.1**	*0.05*	0.11	*0.01*
USA, California, Greater San Francisco Bay Area	261	**1.2**	*0.08*	0.14	*0.01*	237	**0.9**	*0.07*	0.09	*0.01*
USA, California, Greater San Francisco Bay Area: Black	8	**0.6**	*0.21*	0.05	*0.02*	14	**1.0**	*0.27*	0.09	*0.03*
USA, California, Greater San Francisco Bay Area: Chinese	10	**0.6**	*0.21*	0.08	*0.03*	13	**0.6**	*0.17*	0.04	*0.02*
USA, California, Greater San Francisco Bay Area: Filipino	9	**1.0**	*0.33*	0.12	*0.05*	2	**0.2**	*0.16*	0.02	*0.01*
USA, California, Greater San Francisco Bay Area: Japanese	1	**0.4**	*0.44*	0.07	*0.07*	2	**0.5**	*0.37*	0.04	*0.03*
USA, California, Greater San Francisco Bay Area: Hispanic White	16	**0.6**	*0.16*	0.07	*0.03*	20	**0.6**	*0.15*	0.05	*0.01*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	199	**1.5**	*0.11*	0.17	*0.02*	165	**1.1**	*0.10*	0.11	*0.01*
USA, California, Los Angeles County	438	**1.6**	*0.08*	0.15	*0.01*	358	**1.1**	*0.06*	0.11	*0.01*
USA, California, Los Angeles County: Black	39	**1.5**	*0.24*	0.16	*0.03*	32	**1.0**	*0.18*	0.10	*0.02*
USA, California, Los Angeles County: Chinese	4	**0.4**	*0.19*	0.06	*0.03*	9	**0.7**	*0.25*	0.06	*0.02*
USA, California, Los Angeles County: Filipino	5	**0.7**	*0.30*	0.06	*0.03*	3	**0.3**	*0.17*	0.03	*0.02*
USA, California, Los Angeles County: Japanese	7	**1.3**	*0.58*	0.10	*0.06*	4	**0.4**	*0.27*	0.02	*0.02*
USA, California, Los Angeles County: Korean	0	**-**	-	-	-	1	**0.2**	*0.19*	0.02	*0.02*
USA, California, Los Angeles County: Hispanic White	50	**0.6**	*0.09*	0.05	*0.01*	57	**0.6**	*0.09*	0.07	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	294	**2.1**	*0.14*	0.21	*0.02*	221	**1.4**	*0.12*	0.14	*0.01*
USA, Colorado	177	**1.4**	*0.11*	0.15	*0.01*	119	**0.8**	*0.08*	0.08	*0.01*
USA, Connecticut	125	**1.0**	*0.10*	0.09	*0.01*	109	**0.7**	*0.08*	0.07	*0.01*
USA, Connecticut: Black	4	**0.5**	*0.28*	0.04	*0.03*	8	**0.9**	*0.33*	0.08	*0.03*
USA, Connecticut: White	117	**1.0**	*0.10*	0.09	*0.01*	98	**0.7**	*0.08*	0.07	*0.01*
USA, District of Columbia	20	**1.1**	*0.26*	0.12	*0.03*	17	**0.8**	*0.20*	0.08	*0.02*
USA, District of Columbia: Black	15	**1.3**	*0.36*	0.14	*0.05*	10	**0.7**	*0.26*	0.06	*0.02*
USA, District of Columbia: White	5	**0.9**	*0.41*	0.09	*0.05*	4	**0.8**	*0.38*	0.10	*0.05*
USA, Florida	643	**0.9**	*0.04*	0.09	*0.00*	485	**0.7**	*0.04*	0.06	*0.00*
USA, Florida: Black	28	**0.5**	*0.09*	0.04	*0.01*	59	**0.8**	*0.11*	0.08	*0.01*
USA, Florida: White	603	**0.9**	*0.04*	0.09	*0.01*	417	**0.6**	*0.04*	0.06	*0.00*
USA, Georgia	235	**1.0**	*0.07*	0.10	*0.01*	182	**0.6**	*0.05*	0.06	*0.01*
USA, Georgia: Black	66	**1.1**	*0.14*	0.09	*0.01*	53	**0.8**	*0.11*	0.07	*0.01*
USA, Georgia: White	163	**0.9**	*0.07*	0.09	*0.01*	127	**0.6**	*0.06*	0.05	*0.01*
USA, Georgia, Atlanta	92	**1.2**	*0.13*	0.10	*0.02*	66	**0.7**	*0.09*	0.08	*0.01*
USA, Georgia, Atlanta: Black	30	**1.2**	*0.24*	0.11	*0.03*	28	**0.9**	*0.18*	0.09	*0.02*
USA, Georgia, Atlanta: White	58	**1.2**	*0.16*	0.10	*0.02*	37	**0.6**	*0.11*	0.07	*0.01*
USA, Idaho	31	**0.7**	*0.13*	0.06	*0.02*	31	**0.6**	*0.13*	0.06	*0.02*
USA, Illinois	348	**0.9**	*0.05*	0.09	*0.01*	359	**0.7**	*0.04*	0.07	*0.00*
USA, Illinois: Black	36	**0.8**	*0.13*	0.07	*0.01*	43	**0.7**	*0.11*	0.06	*0.01*
USA, Illinois: White	291	**0.8**	*0.05*	0.08	*0.01*	302	**0.7**	*0.05*	0.07	*0.01*
USA, Indiana	172	**0.9**	*0.07*	0.09	*0.01*	155	**0.6**	*0.06*	0.06	*0.01*
USA, Iowa	129	**1.1**	*0.11*	0.12	*0.01*	114	**0.9**	*0.10*	0.09	*0.01*
USA, Kentucky	142	**1.0**	*0.09*	0.11	*0.01*	102	**0.6**	*0.07*	0.06	*0.01*
USA, Louisiana	155	**1.1**	*0.09*	0.11	*0.01*	127	**0.7**	*0.07*	0.08	*0.01*
USA, Louisiana: Black	23	**0.7**	*0.15*	0.06	*0.01*	25	**0.6**	*0.12*	0.05	*0.01*
USA, Louisiana: White	129	**1.2**	*0.11*	0.13	*0.01*	100	**0.8**	*0.09*	0.09	*0.01*
USA, Louisiana, New Orleans: Black	7	**0.7**	*0.27*	0.05	*0.02*	6	**0.5**	*0.19*	0.04	*0.02*
USA, Louisiana, New Orleans: White	22	**0.9**	*0.20*	0.10	*0.03*	18	**0.6**	*0.16*	0.07	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other skin (C44) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	33	**0.8**	*0.14*	0.08	*0.02*	36	**0.6**	*0.11*	0.08	*0.02*
USA, Massachusetts	252	**1.1**	*0.08*	0.11	*0.01*	249	**1.0**	*0.07*	0.10	*0.01*
USA, Michigan	349	**1.1**	*0.06*	0.11	*0.01*	345	**0.9**	*0.05*	0.09	*0.01*
USA, Michigan: Black	45	**1.3**	*0.20*	0.14	*0.02*	42	**0.9**	*0.14*	0.08	*0.02*
USA, Michigan: White	289	**1.0**	*0.06*	0.10	*0.01*	284	**0.9**	*0.06*	0.08	*0.01*
USA, Michigan, Detroit	168	**1.3**	*0.11*	0.13	*0.01*	168	**1.1**	*0.09*	0.11	*0.01*
USA, Michigan, Detroit: Black	30	**1.2**	*0.23*	0.15	*0.03*	32	**0.9**	*0.17*	0.09	*0.02*
USA, Michigan, Detroit: White	132	**1.3**	*0.12*	0.13	*0.01*	126	**1.1**	*0.11*	0.11	*0.01*
USA, Missouri	179	**0.9**	*0.07*	0.09	*0.01*	142	**0.6**	*0.06*	0.06	*0.01*
USA, Missouri: Black	17	**1.2**	*0.30*	0.14	*0.04*	11	**0.5**	*0.16*	0.04	*0.02*
USA, Missouri: White	158	**0.8**	*0.07*	0.08	*0.01*	128	**0.6**	*0.06*	0.06	*0.01*
USA, Montana	25	**0.7**	*0.15*	0.06	*0.02*	22	**0.6**	*0.14*	0.06	*0.02*
USA, NPCR	7591	**1.0**	*0.01*	0.10	*0.00*	6513	**0.7**	*0.01*	0.07	*0.00*
USA, NPCR: Black	600	**0.9**	*0.04*	0.08	*0.00*	647	**0.8**	*0.03*	0.07	*0.00*
USA, NPCR: White	6578	**1.0**	*0.01*	0.10	*0.00*	5465	**0.7**	*0.01*	0.07	*0.00*
USA, New Jersey	343	**1.2**	*0.07*	0.13	*0.01*	272	**0.8**	*0.05*	0.08	*0.01*
USA, New Jersey: Black	37	**1.2**	*0.20*	0.12	*0.02*	24	**0.6**	*0.12*	0.05	*0.01*
USA, New Jersey: White	292	**1.2**	*0.08*	0.13	*0.01*	238	**0.8**	*0.06*	0.08	*0.01*
USA, New Mexico	67	**1.1**	*0.14*	0.10	*0.02*	61	**1.0**	*0.13*	0.10	*0.02*
USA, New Mexico: American Indian	0	**-**	-	-	-	4	**1.0**	*0.49*	0.10	*0.06*
USA, New Mexico: Hispanic White	17	**0.9**	*0.23*	0.10	*0.03*	13	**0.6**	*0.18*	0.06	*0.02*
USA, New Mexico: Non-Hispanic White	49	**1.3**	*0.21*	0.11	*0.02*	44	**1.2**	*0.21*	0.13	*0.02*
USA, New York State	676	**1.1**	*0.04*	0.11	*0.01*	699	**0.9**	*0.04*	0.09	*0.00*
USA, New York State: Black	65	**0.9**	*0.11*	0.08	*0.01*	85	**0.9**	*0.10*	0.08	*0.01*
USA, New York State: White	597	**1.1**	*0.05*	0.11	*0.01*	600	**0.9**	*0.04*	0.09	*0.00*
USA, Ohio	303	**0.8**	*0.05*	0.08	*0.01*	281	**0.6**	*0.04*	0.06	*0.00*
USA, Ohio: Black	28	**0.8**	*0.15*	0.08	*0.02*	35	**0.8**	*0.15*	0.07	*0.01*
USA, Ohio: White	254	**0.7**	*0.05*	0.07	*0.01*	234	**0.6**	*0.04*	0.06	*0.00*
USA, Oklahoma	95	**0.8**	*0.08*	0.08	*0.01*	67	**0.5**	*0.07*	0.05	*0.01*
USA, Oregon	113	**0.9**	*0.09*	0.10	*0.01*	102	**0.7**	*0.08*	0.08	*0.01*
USA, Pennsylvania	497	**1.1**	*0.05*	0.11	*0.01*	402	**0.8**	*0.04*	0.08	*0.00*
USA, Pennsylvania: Black	24	**0.8**	*0.16*	0.08	*0.02*	40	**1.0**	*0.16*	0.09	*0.02*
USA, Pennsylvania: White	454	**1.1**	*0.06*	0.11	*0.01*	348	**0.7**	*0.04*	0.07	*0.00*
USA, Rhode Island	57	**1.6**	*0.23*	0.16	*0.03*	55	**1.3**	*0.21*	0.13	*0.02*
USA, SEER (9 Registries)	1072	**1.2**	*0.04*	0.12	*0.01*	968	**1.0**	*0.03*	0.10	*0.00*
USA, SEER (9 Registries): Black	84	**1.1**	*0.12*	0.12	*0.02*	93	**1.0**	*0.11*	0.10	*0.01*
USA, SEER (9 Registries): White	909	**1.3**	*0.04*	0.13	*0.01*	791	**1.0**	*0.04*	0.10	*0.00*
USA, SEER (14 Registries)	3014	**1.3**	*0.02*	0.13	*0.00*	2537	**0.9**	*0.02*	0.09	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	121	**0.7**	*0.06*	0.07	*0.01*	110	**0.5**	*0.05*	0.04	*0.01*
USA, SEER (14 Registries): Black	220	**1.1**	*0.08*	0.11	*0.01*	204	**0.8**	*0.06*	0.08	*0.01*
USA, SEER (14 Registries): Hispanic White	178	**0.6**	*0.05*	0.06	*0.01*	179	**0.6**	*0.05*	0.06	*0.01*
USA, SEER (14 Registries): Non-Hispanic White	2382	**1.4**	*0.03*	0.14	*0.00*	1926	**1.0**	*0.03*	0.10	*0.00*
USA, South Carolina	123	**0.9**	*0.09*	0.08	*0.01*	107	**0.7**	*0.07*	0.06	*0.01*
USA, South Carolina: Black	18	**0.6**	*0.14*	0.05	*0.01*	26	**0.7**	*0.14*	0.06	*0.01*
USA, South Carolina: White	101	**1.0**	*0.10*	0.09	*0.01*	80	**0.7**	*0.09*	0.06	*0.01*
USA, Texas	506	**0.8**	*0.04*	0.09	*0.01*	351	**0.5**	*0.03*	0.05	*0.00*
USA, Texas: Black	48	**0.8**	*0.12*	0.08	*0.01*	46	**0.6**	*0.10*	0.06	*0.01*
USA, Texas: White	435	**0.8**	*0.04*	0.08	*0.01*	291	**0.4**	*0.03*	0.04	*0.00*
USA, Utah	93	**1.6**	*0.18*	0.18	*0.02*	75	**1.2**	*0.15*	0.13	*0.02*
USA, Vermont	15	**0.7**	*0.20*	0.10	*0.03*	26	**1.1**	*0.23*	0.10	*0.03*
USA, Washington State	219	**1.1**	*0.08*	0.12	*0.01*	235	**1.1**	*0.08*	0.10	*0.01*
USA, Washington, Seattle	168	**1.2**	*0.10*	0.13	*0.01*	186	**1.2**	*0.10*	0.12	*0.01*
USA, West Virginia	57	**0.9**	*0.12*	0.09	*0.01*	51	**0.7**	*0.11*	0.07	*0.01*
USA, Wisconsin	146	**0.8**	*0.07*	0.09	*0.01*	142	**0.7**	*0.06*	0.06	*0.01*
Asia										
Bahrain: Bahraini	23	**4.1**	*0.88*	0.55	*0.14*	13	**2.2**	*0.64*	0.32	*0.10*
China, Guangzhou City	122	**2.2**	*0.21*	0.22	*0.03*	104	**1.6**	*0.16*	0.16	*0.02**
China, Hong Kong	1267	**5.7**	*0.17*	0.61	*0.02*	1499	**5.4**	*0.15*	0.53	*0.02*
China, Jiashan	25	**1.9**	*0.38*	0.28	*0.06*	13	**0.8**	*0.24*	0.11	*0.04**
China, Nangang District, Harbin City	15	**0.7**	*0.19*	0.06	*0.02*	8	**0.3**	*0.11*	0.04	*0.02*
China, Shanghai	420	**1.8**	*0.09*	0.20	*0.01*	372	**1.3**	*0.07*	0.13	*0.01**
China, Zhongshan	74	**2.3**	*0.28*	0.24	*0.04*	62	**1.7**	*0.22*	0.20	*0.03**
Cyprus	543	**21.9**	*1.02*	2.42	*0.15*	502	**17.1**	*0.85*	1.88	*0.12**
India, Chennai (Madras)	117	**1.3**	*0.12*	0.17	*0.02*	96	**1.0**	*0.11*	0.11	*0.01*
India, New Delhi	267	**1.3**	*0.08*	0.14	*0.01*	162	**1.0**	*0.08*	0.11	*0.01**
India, Karunagappally	20	**2.3**	*0.53*	0.31	*0.08*	7	**0.8**	*0.29*	0.10	*0.04*
India, Mumbai (Bombay)	317	**1.4**	*0.08*	0.15	*0.01*	172	**0.8**	*0.07*	0.09	*0.01*
India, Nagpur	45	**1.1**	*0.17*	0.13	*0.02*	31	**0.8**	*0.14*	0.08	*0.02**
India, Poona	100	**1.6**	*0.16*	0.16	*0.02*	67	**1.1**	*0.13*	0.13	*0.02**
India, Trivandrum	45	**1.7**	*0.25*	0.17	*0.03*	28	**0.9**	*0.17*	0.11	*0.03**
Israel	599	**3.4**	*0.15*	0.35	*0.02*	634	**3.0**	*0.13*	0.31	*0.02*
Israel: Jews	551	**3.5**	*0.16*	0.35	*0.02*	604	**3.2**	*0.14*	0.33	*0.02*
Israel: Non-Jews	35	**2.1**	*0.38*	0.25	*0.06*	25	**1.3**	*0.28*	0.13	*0.04*
Japan, Aichi Prefecture	99	**2.6**	*0.27*	0.25	*0.03*	123	**2.2**	*0.22*	0.18	*0.03*
Japan, Fukui Prefecture	93	**2.2**	*0.25*	0.23	*0.03*	61	**1.1**	*0.20*	0.13	*0.02*
Japan, Hiroshima	264	**6.2**	*0.39*	0.69	*0.06*	247	**3.9**	*0.28*	0.36	*0.04*
Japan, Miyagi Prefecture	315	**3.0**	*0.17*	0.29	*0.02*	327	**2.2**	*0.14*	0.19	*0.02*
Japan, Nagasaki Prefecture	473	**5.9**	*0.29*	0.60	*0.04*	573	**4.3**	*0.23*	0.37	*0.03*
Japan, Osaka Prefecture	416	**1.1**	*0.06*	0.11	*0.01*	408	**0.8**	*0.04*	0.08	*0.01*
Japan, Yamagata Prefecture	143	**2.1**	*0.20*	0.20	*0.02*	140	**1.3**	*0.15*	0.13	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other skin (C44) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	2191	**2.6**	*0.06*	0.30	*0.01*	2282	**1.9**	*0.04*	0.21	*0.01*
Korea, Busan	187	**2.4**	*0.20*	0.28	*0.03*	189	**1.8**	*0.13*	0.19	*0.02*
Korea, Daegu	193	**3.8**	*0.29*	0.44	*0.04*	230	**3.4**	*0.22*	0.34	*0.03*
Korea, Daejeon	59	**2.3**	*0.32*	0.30	*0.05*	68	**2.0**	*0.24*	0.21	*0.03*
Korea, Gwangju	76	**3.1**	*0.38*	0.35	*0.05*	112	**3.0**	*0.29*	0.35	*0.05*
Korea, Incheon	137	**2.7**	*0.26*	0.26	*0.03*	155	**2.5**	*0.20*	0.26	*0.03*
Korea, Jejudo	16	**2.1**	*0.53*	0.26	*0.08*	17	**1.5**	*0.38*	0.18	*0.06*
Korea, Seoul	456	**2.4**	*0.13*	0.24	*0.02*	459	**1.8**	*0.09*	0.19	*0.01*
Korea, Ulsan	28	**2.2**	*0.45*	0.28	*0.07*	47	**2.6**	*0.40*	0.31	*0.06*
Kuwait: Kuwaitis	15	**1.4**	*0.39*	0.15	*0.05*	14	**1.3**	*0.37*	0.12	*0.05*
Kuwait: Non-Kuwaitis	49	**2.8**	*0.66*	0.40	*0.11*	14	**1.6**	*0.58*	0.18	*0.08*
Malaysia, Penang	102	**5.6**	*0.56*	0.56	*0.07*	92	**4.1**	*0.43*	0.43	*0.06*
Malaysia, Sarawak	161	**4.6**	*0.37*	0.56	*0.06*	137	**3.8**	*0.33*	0.43	*0.05*
Oman: Omani	69	**4.2**	*0.51*	0.56	*0.08*	70	**4.2**	*0.52*	0.52	*0.08**
Pakistan, South Karachi	116	**4.3**	*0.42*	0.50	*0.06*	84	**4.1**	*0.48*	0.49	*0.06**
Philippines, Manila	224	**3.5**	*0.26*	0.35	*0.03*	234	**2.9**	*0.20*	0.33	*0.03**
Singapore	714	**8.8**	*0.33*	0.92	*0.05*	754	**7.6**	*0.28*	0.73	*0.04*
Singapore: Chinese	658	**10.3**	*0.41*	1.09	*0.06*	706	**8.3**	*0.32*	0.81	*0.05*
Singapore: Indian	16	**1.8**	*0.49*	0.15	*0.05*	14	**2.7**	*0.78*	0.18	*0.07*
Singapore: Malay	40	**4.4**	*0.73*	0.53	*0.10*	34	**3.7**	*0.65*	0.47	*0.09*
Thailand, Chiang Mai	146	**3.7**	*0.31*	0.39	*0.04*	145	**3.4**	*0.29*	0.36	*0.04**
Thailand, Lampang	79	**3.7**	*0.42*	0.41	*0.06*	84	**3.6**	*0.40*	0.38	*0.05**
Thailand, Songkhla	133	**4.9**	*0.43*	0.58	*0.06*	114	**3.5**	*0.33*	0.36	*0.04*
Turkey, Antalya	563	**19.8**	*0.85*	2.41	*0.12*	450	**15.4**	*0.74*	1.83	*0.11**
Turkey, Izmir	955	**12.7**	*0.42*	1.45	*0.06*	831	**9.8**	*0.34*	1.16	*0.05**
Europe										
Austria	7813	**24.2**	*0.28*	2.62	*0.04*	8005	**16.3**	*0.21*	1.73	*0.03*
Austria, Tyrol	420	**17.1**	*0.85*	1.90	*0.12*	425	**11.7**	*0.65*	1.20	*0.09*
Austria, Vorarlberg	161	**13.4**	*1.07*	1.32	*0.15*	165	**7.8**	*0.68*	0.74	*0.10*
Belarus	6844	**23.3**	*0.29*	2.62	*0.04*	10604	**20.7**	*0.22*	2.43	*0.03**
Belgium, Antwerp	855	**10.5**	*0.37*	1.02	*0.05*	538	**4.6**	*0.23*	0.44	*0.03**
Belgium, Flanders	7012	**33.1**	*0.41*	3.63	*0.06*	6600	**25.9**	*0.36*	2.78	*0.05*
Bulgaria	7323	**21.0**	*0.25*	2.47	*0.04*	6478	**14.5**	*0.20*	1.70	*0.03**
Croatia										
Czech Republic	23175	**62.4**	*0.42*	7.16	*0.06*	23883	**46.3**	*0.33*	5.19	*0.04*
Denmark	14331	**64.2**	*0.56*	7.14	*0.08*	14960	**57.6**	*0.53*	6.36	*0.07*
Estonia	1299	**29.0**	*0.81*	3.25	*0.11*	2074	**27.1**	*0.65*	3.23	*0.09*
Finland	1883	**8.6**	*0.20*	0.79	*0.03*	2144	**5.3**	*0.13*	0.44	*0.02*
France, Bas-Rhin										
France, Calvados										
France, Doubs										
France, Haut-Rhin										
France, Herault										
France, Isere										
France, Loire-Atlantique										
France, Manche										
France, Somme										
France, Tarn										
France, Vendee										
Germany, Brandenburg	766	**7.5**	*0.28*	0.75	*0.04*	705	**3.6**	*0.16*	0.30	*0.02*
Germany, Free State of Saxony	1807	**8.6**	*0.21*	0.80	*0.03*	1365	**3.1**	*0.10*	0.28	*0.01*
Germany, Hamburg	3721	**49.8**	*0.84*	5.58	*0.12*	3574	**35.0**	*0.68*	3.98	*0.09*
Germany, Mecklenburg-Western Pomerania	491	**7.4**	*0.34*	0.71	*0.04*	437	**3.3**	*0.18*	0.29	*0.02*
Germany, Munich	688	**6.7**	*0.26*	0.64	*0.04*	462	**3.0**	*0.16*	0.29	*0.02*
Germany, Northrhine-Westphalia: Munster	4696	**43.7**	*0.65*	4.87	*0.09*	4202	**29.1**	*0.51*	3.27	*0.07*
Germany, Saarland	2536	**52.2**	*1.07*	5.89	*0.15*	2310	**34.2**	*0.82*	3.74	*0.11*
Iceland	101	**9.4**	*0.99*	0.86	*0.13*	104	**9.1**	*0.99*	1.07	*0.14*
Ireland	13904	**111.8**	*0.98*	12.99	*0.14*	12196	**80.9**	*0.80*	9.22	*0.11*
Italy, Biella Province	631	**63.5**	*2.68*	7.45	*0.37*	598	**45.1**	*2.30*	4.96	*0.28*
Italy, Brescia Province	1838	**72.5**	*1.73*	8.32	*0.24*	1538	**45.2**	*1.33*	4.84	*0.16*
Italy, Ferrara Province	1725	**82.7**	*2.16*	9.47	*0.30*	1249	**45.1**	*1.56*	5.02	*0.20*
Italy, Florence and Prato	3882	**61.6**	*1.08*	7.06	*0.15*	2990	**40.6**	*0.89*	4.42	*0.11*
Italy, Genoa Province	1908	**60.5**	*1.52*	6.82	*0.20*	1524	**39.0**	*1.24*	4.36	*0.15*
Italy, Macerata Province	686	**69.0**	*2.94*	7.71	*0.39*	567	**44.1**	*2.28*	4.72	*0.28*
Italy, Milan	2524	**47.4**	*1.00*	5.48	*0.14*	2217	**31.6**	*0.80*	3.61	*0.10*
Italy, Modena Province	1996	**62.0**	*1.49*	7.13	*0.20*	1540	**39.4**	*1.19*	4.40	*0.15*
Italy, Naples	344	**22.0**	*1.20*	2.36	*0.16*	252	**12.7**	*0.84*	1.38	*0.11*
Italy, North East Cancer Surveillance Network	6187	**62.7**	*0.84*	7.12	*0.12*	5979	**45.3**	*0.70*	4.99	*0.09*
Italy, Parma Province	986	**43.1**	*1.51*	4.76	*0.20*	697	**26.2**	*1.26*	2.83	*0.15*
Italy, Ragusa Province	924	**69.9**	*2.46*	8.16	*0.34*	465	**30.8**	*1.60*	3.53	*0.21*
Italy, Reggio Emilia Province	1550	**66.7**	*1.83*	7.75	*0.25*	1142	**41.0**	*1.48*	4.47	*0.18*
Italy, Romagna Region	3499	**65.0**	*1.20*	7.38	*0.16*	2559	**41.0**	*0.97*	4.59	*0.12*
Italy, Salerno Province	1214	**34.3**	*1.03*	4.05	*0.14*	895	**19.6**	*0.74*	2.15	*0.10*
Italy, Sassari Province	1255	**62.9**	*1.84*	7.48	*0.26*	869	**37.8**	*1.41*	4.11	*0.18*
Italy, Syracuse Province	915	**64.8**	*2.25*	7.84	*0.33*	408	**26.3**	*1.44*	3.04	*0.19*
Italy, Sondrio	469	**61.2**	*2.90*	7.26	*0.42*	499	**46.0**	*2.41*	5.04	*0.32*
Italy, Torino	2073	**44.7**	*1.04*	5.13	*0.14*	1902	**32.1**	*0.87*	3.61	*0.11*
Italy, Umbria Region	2235	**44.9**	*1.04*	5.11	*0.15*	1549	**24.6**	*0.78*	2.60	*0.10*
Italy, Varese Province	1240	**58.7**	*1.71*	6.65	*0.24*	991	**35.0**	*1.26*	3.91	*0.16*
Italy, Veneto Region	5264	**71.7**	*1.03*	8.18	*0.14*	4524	**46.3**	*0.81*	5.13	*0.10*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other skin (C44) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	1417	**18.1**	*0.49*	2.09	*0.07*	2193	**15.5**	*0.36*	1.86	*0.05*
Lithuania	3226	**29.4**	*0.52*	3.37	*0.07*	5494	**31.3**	*0.46*	3.67	*0.06*
Malta	1009	**72.2**	*2.34*	8.12	*0.33*	653	**39.4**	*1.63*	4.51	*0.22*
Norway	2602	**12.5**	*0.27*	1.25	*0.04*	2128	**7.1**	*0.19*	0.69	*0.03*
Poland, Cracow	535	**21.2**	*0.93*	2.37	*0.13*	653	**16.8**	*0.70*	1.93	*0.10**
Poland, Kielce	778	**17.7**	*0.65*	2.07	*0.09*	837	**12.7**	*0.48*	1.37	*0.06*
Poland, Warsaw City	840	**13.0**	*0.46*	1.45	*0.06*	918	**9.5**	*0.34*	1.10	*0.05*
Portugal, Porto	42	**0.4**	*0.07*	0.05	*0.01*	74	**0.6**	*0.07*	0.06	*0.01**
Portugal, South Regional	1257	**9.9**	*0.30*	1.05	*0.04*	1177	**6.0**	*0.20*	0.53	*0.03*
Russia, St Petersburg	1715	**12.1**	*0.29*	1.42	*0.04*	3397	**12.2**	*0.23*	1.43	*0.03*
Serbia	4520	**24.1**	*0.37*	2.88	*0.05*	3951	**17.6**	*0.30*	2.04	*0.04*
Slovak Republic	7495	**46.3**	*0.55*	5.40	*0.08*	8083	**35.2**	*0.42*	4.07	*0.06*
Slovenia	2852	**41.0**	*0.77*	4.75	*0.11*	3144	**29.8**	*0.58*	3.31	*0.08*
Spain, Albacete	21	**1.8**	*0.43*	0.17	*0.05*	14	**1.6**	*0.46*	0.17	*0.05*
Spain, Asturias										
Spain, Basque Country	59	**1.0**	*0.14*	0.08	*0.01*	62	**0.9**	*0.13*	0.08	*0.01*
Spain, Canary Islands	33	**0.7**	*0.12*	0.07	*0.02*	45	**0.8**	*0.13*	0.09	*0.02*
Spain, Cuenca	3	**0.6**	*0.41*	0.04	*0.03*	7	**0.7**	*0.36*	0.05	*0.03*
Spain, Girona	1687	**64.5**	*1.71*	7.23	*0.24*	1376	**45.2**	*1.43*	4.87	*0.18*
Spain, Granada	2594	**79.7**	*1.66*	9.56	*0.23*	2008	**52.1**	*1.31*	5.84	*0.17*
Spain, Murcia	2159	**51.0**	*1.15*	5.80	*0.15*	1705	**31.5**	*0.85*	3.47	*0.11*
Spain, Navarra	2253	**88.1**	*1.99*	9.95	*0.27*	1930	**67.5**	*1.79*	7.34	*0.22*
Spain, Tarragona	1790	**79.4**	*2.12*	8.79	*0.29*	1529	**61.8**	*1.90*	7.08	*0.25*
Spain, Zaragoza	1997	**48.6**	*1.17*	5.44	*0.16*	1441	**30.2**	*0.93*	3.26	*0.11*
Sweden	6517	**12.8**	*0.17*	1.20	*0.03*	4870	**7.0**	*0.13*	0.69	*0.02*
Switzerland, Geneva	2123	**133.3**	*2.98*	15.17	*0.43*	2292	**113.0**	*2.60*	12.89	*0.35*
Switzerland, Graubunden and Glarus	264	**24.1**	*1.58*	2.42	*0.24*	260	**14.6**	*1.10*	1.24	*0.15*
Switzerland, Neuchatel	738	**102.2**	*3.99*	11.98	*0.58*	767	**80.3**	*3.39*	8.80	*0.44*
Switzerland, St Gall-Appenzell	1611	**78.3**	*2.04*	8.87	*0.29*	1471	**56.2**	*1.67*	6.38	*0.23*
Switzerland, Ticino										
Switzerland, Valais	970	**90.9**	*3.02*	10.87	*0.43*	978	**73.8**	*2.61*	8.31	*0.35*
Switzerland, Vaud	3180	**126.3**	*2.36*	14.58	*0.34*	3329	**105.2**	*2.07*	11.70	*0.27*
The Netherlands	10368	**16.3**	*0.17*	1.66	*0.02*	7079	**7.8**	*0.11*	0.78	*0.01*
The Netherlands, Eindhoven	645	**17.0**	*0.69*	1.63	*0.09*	394	**7.7**	*0.42*	0.75	*0.06*
The Netherlands, Maastricht	531	**14.0**	*0.63*	1.43	*0.09*	357	**7.1**	*0.42*	0.75	*0.06*
UK, East of England Region	9624	**75.9**	*0.83*	8.49	*0.11*	7911	**52.1**	*0.68*	5.80	*0.09*
UK, England, Merseyside and Cheshire										
UK, England, North Western										
UK, England, Northern and Yorkshire	20783	**73.4**	*0.54*	8.22	*0.07*	19689	**53.7**	*0.44*	5.94	*0.06*
UK, England, Oxford Region	2	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
UK, England, South and Western Regions	33917	**105.3**	*0.62*	11.87	*0.09*	28668	**72.9**	*0.51*	8.08	*0.07*
UK, England, Thames	6412	**10.1**	*0.13*	0.98	*0.02*	4323	**4.4**	*0.08*	0.41	*0.01*
UK, England, Trent	14644	**68.3**	*0.60*	7.66	*0.08*	12311	**46.6**	*0.48*	5.16	*0.06*
UK, England, West Midlands	9	**0.1**	*0.02*	0.00	*0.00*	5	**0.0**	*0.02*	0.00	*0.00*
UK, Northern Ireland	5886	**97.3**	*1.32*	11.01	*0.19*	5297	**64.7**	*1.00*	7.16	*0.14*
UK, Scotland	16153	**77.0**	*0.63*	8.65	*0.09*	15547	**54.2**	*0.50*	5.91	*0.07*
Oceania										
Australia, New South Wales	22	**0.1**	*0.02*	0.01	*0.00*	13	**0.0**	*0.01*	0.01	*0.00*
Australia, Northern Territory										
Australia, Queensland	199	**1.5**	*0.11*	0.13	*0.01*	140	**1.0**	*0.09*	0.10	*0.01*
Australia, South	309	**5.6**	*0.33*	0.58	*0.04*	207	**2.8**	*0.23*	0.29	*0.03*
Australia, Tasmania	41	**2.1**	*0.34*	0.25	*0.05*	45	**1.9**	*0.31*	0.19	*0.04*
Australia, Victoria	34	**0.2**	*0.03*	0.02	*0.00*	19	**0.1**	*0.02*	0.01	*0.00*
Australia, Western	1263	**19.7**	*0.57*	2.09	*0.08*	672	**8.9**	*0.37*	0.91	*0.05*
Australian Capital Territory	71	**7.5**	*0.91*	0.74	*0.12*	38	**3.8**	*0.65*	0.47	*0.10*
French Polynesia	0	**-**	-	-	-	1	**0.2**	*0.23*	-	-
New Zealand	167	**1.2**	*0.10*	0.12	*0.01*	148	**0.8**	*0.08*	0.08	*0.01*
USA, Hawaii	67	**1.4**	*0.19*	0.15	*0.02*	43	**1.0**	*0.16*	0.09	*0.02*
USA, Hawaii: Chinese	4	**1.0**	*0.55*	0.08	*0.06*	4	**0.9**	*0.50*	0.11	*0.06*
USA, Hawaii: Filipino	8	**1.3**	*0.47*	0.16	*0.06*	3	**0.5**	*0.30*	0.06	*0.03*
USA, Hawaii: Hawaiian	7	**1.3**	*0.50*	0.10	*0.06*	4	**0.6**	*0.32*	0.06	*0.03*
USA, Hawaii: Japanese	10	**0.6**	*0.22*	0.06	*0.03*	9	**0.4**	*0.18*	0.04	*0.02*
USA, Hawaii: White	32	**2.5**	*0.47*	0.26	*0.07*	15	**1.5**	*0.42*	0.14	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mesothelioma (C45)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	2	**0.1**	*0.07*	-	-	0	**-**	-	-	- *
Egypt, Gharbiah	18	**0.4**	*0.09*	-	-	13	**0.3**	*0.07*	-	-
Tunisia, Centre, Sousse	1	**0.1**	*0.11*	-	-	0	**-**	-	-	- *
Uganda, Kyadondo County	0	**-**	-	-	-	0	**-**	-	-	- *
Zimbabwe, Harare: African	4	**0.2**	*0.11*	-	-	0	**-**	-	-	- *
America, Central and South										
Argentina, Bahia Blanca	10	**1.2**	*0.40*	0.12	*0.05*	7	**0.7**	*0.28*	0.07	*0.03*
Brazil, Brasilia	5	**0.2**	*0.09*	0.02	*0.01*	3	**0.1**	*0.08*	0.02	*0.02*
Brazil, Cuiaba	0	**-**	-	-	-	0	**-**	-	-	-
Brazil, Goiania	0	**-**	-	-	-	2	**0.1**	*0.08*	0.01	*0.01*
Brazil, Sao Paulo	38	**0.2**	*0.03*	0.02	*0.00*	39	**0.1**	*0.02*	0.02	*0.00*
Chile, Valdivia	2	**0.2**	*0.12*	0.01	*0.01*	2	**0.2**	*0.13*	0.02	*0.02*
Colombia, Cali	10	**0.3**	*0.09*	0.03	*0.01*	6	**0.1**	*0.06*	0.02	*0.01*
Costa Rica	3	**0.0**	*0.03*	0.01	*0.00*	5	**0.1**	*0.03*	0.01	*0.00*
Ecuador, Quito	4	**0.1**	*0.08*	0.02	*0.01*	1	**0.0**	*0.02*	-	-
France, La Martinique	2	**0.2**	*0.13*	0.03	*0.02*	1	**0.1**	*0.06*	0.02	*0.02*
Peru, Trujillo	6	**0.6**	*0.25*	0.03	*0.02*	9	**0.8**	*0.28*	0.11	*0.05* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	1045	**1.3**	*0.04*	0.17	*0.01*	235	**0.3**	*0.02*	0.03	*0.00*
Canada, Alberta	149	**1.6**	*0.14*	0.22	*0.02*	31	**0.3**	*0.06*	0.03	*0.01*
Canada, British Columbia	263	**1.6**	*0.11*	0.20	*0.02*	47	**0.3**	*0.04*	0.03	*0.01*
Canada, Manitoba	53	**1.3**	*0.19*	0.16	*0.03*	18	**0.4**	*0.11*	0.05	*0.01*
Canada, New Brunswick	31	**1.1**	*0.21*	0.16	*0.03*	6	**0.2**	*0.09*	0.02	*0.01*
Canada, Newfoundland and Labrador	9	**0.5**	*0.17*	0.06	*0.03*	4	**0.2**	*0.10*	0.02	*0.02*
Canada, Northwest Territories	0	**-**	-	-	-	2	**2.9**	*2.12*	0.57	*0.48*
Canada, Nova Scotia	51	**1.5**	*0.21*	0.22	*0.04*	8	**0.2**	*0.08*	0.02	*0.01*
Canada, Ontario	438	**1.1**	*0.05*	0.15	*0.01*	105	**0.2**	*0.02*	0.03	*0.00*
Canada, Prince Edward Island	4	**0.8**	*0.43*	0.12	*0.07*	1	**0.2**	*0.22*	0.02	*0.02*
Canada, Saskatchewan	47	**1.2**	*0.19*	0.16	*0.03*	13	**0.3**	*0.10*	0.03	*0.01*
USA, Alabama	158	**1.0**	*0.08*	0.12	*0.01*	31	**0.1**	*0.03*	0.02	*0.00*
USA, Alabama: Black	17	**0.6**	*0.14*	0.05	*0.02*	1	**0.0**	*0.01*	-	-
USA, Alabama: White	141	**1.1**	*0.10*	0.14	*0.01*	30	**0.2**	*0.04*	0.02	*0.00*
USA, Alaska	22	**1.7**	*0.37*	0.21	*0.06*	3	**0.1**	*0.08*	0.01	*0.01*
USA, Arizona	194	**1.0**	*0.07*	0.11	*0.01*	46	**0.2**	*0.03*	0.03	*0.00*
USA, California	1228	**1.1**	*0.03*	0.13	*0.01*	348	**0.3**	*0.02*	0.03	*0.00*
USA, California: Asian and Pacific Islander	32	**0.3**	*0.05*	0.03	*0.01*	15	**0.1**	*0.03*	0.01	*0.00*
USA, California: Black	50	**0.8**	*0.12*	0.07	*0.02*	14	**0.2**	*0.05*	0.02	*0.01*
USA, California: Hispanic White	181	**1.2**	*0.09*	0.14	*0.01*	53	**0.3**	*0.04*	0.03	*0.01*
USA, California: Non-Hispanic White	960	**1.2**	*0.04*	0.15	*0.01*	260	**0.3**	*0.02*	0.04	*0.00*
USA, California, Greater San Francisco Bay Area	253	**1.1**	*0.07*	0.13	*0.01*	80	**0.3**	*0.04*	0.04	*0.01*
USA, California, Greater San Francisco Bay Area: Black	16	**1.1**	*0.28*	0.10	*0.04*	5	**0.3**	*0.14*	0.02	*0.02*
USA, California, Greater San Francisco Bay Area: Chinese	3	**0.2**	*0.10*	0.01	*0.01*	1	**0.1**	*0.08*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Filipino	8	**0.9**	*0.34*	0.12	*0.05*	4	**0.4**	*0.20*	0.04	*0.02*
USA, California, Greater San Francisco Bay Area: Japanese	2	**0.5**	*0.38*	0.04	*0.04*	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	25	**1.1**	*0.23*	0.10	*0.03*	10	**0.3**	*0.11*	0.05	*0.02*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	195	**1.3**	*0.10*	0.16	*0.02*	57	**0.3**	*0.05*	0.05	*0.01*
USA, California, Los Angeles County	275	**1.0**	*0.06*	0.11	*0.01*	86	**0.3**	*0.03*	0.03	*0.00*
USA, California, Los Angeles County: Black	21	**0.8**	*0.17*	0.08	*0.02*	7	**0.2**	*0.09*	0.04	*0.01*
USA, California, Los Angeles County: Chinese	2	**0.1**	*0.06*	-	-	1	**0.1**	*0.07*	0.01	*0.01*
USA, California, Los Angeles County: Filipino	2	**0.2**	*0.15*	0.03	*0.03*	0	**-**	-	-	-
USA, California, Los Angeles County: Japanese	1	**0.1**	*0.08*	-	-	3	**0.4**	*0.27*	0.03	*0.03*
USA, California, Los Angeles County: Korean	2	**0.4**	*0.27*	0.05	*0.03*	1	**0.2**	*0.18*	0.03	*0.03*
USA, California, Los Angeles County: Hispanic White	70	**1.2**	*0.14*	0.14	*0.02*	21	**0.3**	*0.06*	0.03	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	176	**1.1**	*0.09*	0.13	*0.01*	53	**0.3**	*0.05*	0.03	*0.01*
USA, Colorado	129	**1.0**	*0.09*	0.11	*0.01*	34	**0.2**	*0.04*	0.03	*0.01*
USA, Connecticut	173	**1.3**	*0.10*	0.15	*0.02*	47	**0.3**	*0.05*	0.04	*0.01*
USA, Connecticut: Black	2	**0.3**	*0.22*	0.03	*0.03*	2	**0.3**	*0.19*	0.04	*0.03*
USA, Connecticut: White	170	**1.3**	*0.11*	0.16	*0.02*	45	**0.3**	*0.05*	0.04	*0.01*
USA, District of Columbia	15	**0.9**	*0.24*	0.11	*0.03*	2	**0.2**	*0.13*	0.01	*0.01*
USA, District of Columbia: Black	8	**0.9**	*0.31*	0.11	*0.04*	2	**0.2**	*0.18*	0.02	*0.01*
USA, District of Columbia: White	7	**1.0**	*0.40*	0.12	*0.06*	0	**-**	-	-	-
USA, Florida	880	**1.1**	*0.04*	0.13	*0.01*	242	**0.3**	*0.02*	0.03	*0.00*
USA, Florida: Black	22	**0.4**	*0.09*	0.06	*0.02*	12	**0.2**	*0.05*	0.03	*0.01*
USA, Florida: White	853	**1.1**	*0.04*	0.14	*0.01*	228	**0.3**	*0.02*	0.03	*0.00*
USA, Georgia	148	**0.6**	*0.05*	0.08	*0.01*	57	**0.2**	*0.03*	0.02	*0.00*
USA, Georgia: Black	8	**0.2**	*0.07*	0.02	*0.01*	10	**0.1**	*0.05*	0.02	*0.01*
USA, Georgia: White	140	**0.8**	*0.07*	0.09	*0.01*	47	**0.2**	*0.03*	0.02	*0.00*
USA, Georgia, Atlanta	34	**0.5**	*0.09*	0.07	*0.02*	16	**0.2**	*0.04*	0.02	*0.01*
USA, Georgia, Atlanta: Black	2	**0.1**	*0.10*	0.01	*0.01*	2	**0.1**	*0.07*	0.01	*0.01*
USA, Georgia, Atlanta: White	32	**0.7**	*0.12*	0.09	*0.02*	14	**0.2**	*0.06*	0.02	*0.01*
USA, Idaho	50	**1.0**	*0.15*	0.09	*0.02*	15	**0.3**	*0.09*	0.05	*0.01*
USA, Illinois	584	**1.4**	*0.06*	0.17	*0.01*	181	**0.3**	*0.03*	0.04	*0.00*
USA, Illinois: Black	21	**0.5**	*0.11*	0.05	*0.01*	10	**0.1**	*0.05*	0.02	*0.01*
USA, Illinois: White	561	**1.5**	*0.07*	0.19	*0.01*	170	**0.4**	*0.03*	0.04	*0.00*
USA, Indiana	242	**1.1**	*0.08*	0.13	*0.01*	57	**0.2**	*0.03*	0.02	*0.00*
USA, Iowa	86	**0.8**	*0.09*	0.10	*0.01*	33	**0.2**	*0.05*	0.02	*0.01*
USA, Kentucky	134	**0.9**	*0.08*	0.12	*0.01*	49	**0.3**	*0.04*	0.03	*0.01*
USA, Louisiana	210	**1.4**	*0.10*	0.17	*0.02*	58	**0.3**	*0.05*	0.04	*0.01*
USA, Louisiana: Black	30	**0.9**	*0.17*	0.14	*0.03*	12	**0.3**	*0.08*	0.03	*0.01*
USA, Louisiana: White	179	**1.6**	*0.12*	0.18	*0.02*	46	**0.4**	*0.06*	0.05	*0.01*
USA, Louisiana, New Orleans: Black	12	**1.3**	*0.38*	0.23	*0.08*	8	**0.6**	*0.20*	0.05	*0.02*
USA, Louisiana, New Orleans: White	60	**2.7**	*0.37*	0.30	*0.05*	26	**1.0**	*0.22*	0.13	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mesothelioma (C45) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	96	**1.8**	*0.20*	0.21	*0.03*	30	**0.4**	*0.09*	0.04	*0.01*
USA, Massachusetts	392	**1.6**	*0.09*	0.19	*0.01*	81	**0.3**	*0.03*	0.03	*0.01*
USA, Michigan	429	**1.2**	*0.06*	0.15	*0.01*	134	**0.3**	*0.03*	0.04	*0.00*
USA, Michigan: Black	18	**0.5**	*0.13*	0.08	*0.02*	8	**0.2**	*0.06*	0.02	*0.01*
USA, Michigan: White	406	**1.3**	*0.07*	0.16	*0.01*	123	**0.3**	*0.03*	0.04	*0.00*
USA, Michigan, Detroit	155	**1.1**	*0.10*	0.14	*0.02*	52	**0.3**	*0.04*	0.03	*0.01*
USA, Michigan, Detroit: Black	15	**0.6**	*0.16*	0.10	*0.03*	4	**0.1**	*0.05*	0.01	*0.01*
USA, Michigan, Detroit: White	138	**1.3**	*0.12*	0.15	*0.02*	47	**0.3**	*0.05*	0.03	*0.01*
USA, Missouri	186	**0.9**	*0.07*	0.11	*0.01*	58	**0.2**	*0.03*	0.02	*0.00*
USA, Missouri: Black	6	**0.4**	*0.18*	0.05	*0.03*	1	**0.0**	*0.02*	-	-
USA, Missouri: White	180	**0.9**	*0.07*	0.12	*0.01*	56	**0.2**	*0.03*	0.03	*0.00*
USA, Montana	51	**1.4**	*0.21*	0.17	*0.03*	17	**0.3**	*0.09*	0.03	*0.01*
USA, NPCR	9676	**1.2**	*0.01*	0.14	*0.00*	2618	**0.3**	*0.01*	0.03	*0.00*
USA, NPCR: Black	385	**0.6**	*0.03*	0.07	*0.00*	138	**0.2**	*0.01*	0.02	*0.00*
USA, NPCR: White	9164	**1.3**	*0.01*	0.15	*0.00*	2425	**0.3**	*0.01*	0.03	*0.00*
USA, New Jersey	558	**1.7**	*0.08*	0.20	*0.01*	148	**0.3**	*0.03*	0.04	*0.00*
USA, New Jersey: Black	25	**0.9**	*0.18*	0.13	*0.03*	4	**0.1**	*0.05*	0.02	*0.01*
USA, New Jersey: White	527	**1.8**	*0.09*	0.21	*0.01*	139	**0.4**	*0.04*	0.04	*0.01*
USA, New Mexico	73	**1.1**	*0.14*	0.13	*0.02*	13	**0.2**	*0.06*	0.02	*0.01*
USA, New Mexico: American Indian	3	**0.9**	*0.51*	0.06	*0.06*	0	**-**	-	-	-
USA, New Mexico: Hispanic White	26	**1.4**	*0.28*	0.18	*0.05*	5	**0.2**	*0.10*	0.02	*0.01*
USA, New Mexico: Non-Hispanic White	43	**1.0**	*0.16*	0.11	*0.02*	8	**0.2**	*0.08*	0.03	*0.01*
USA, New York State	805	**1.2**	*0.04*	0.13	*0.01*	218	**0.3**	*0.02*	0.03	*0.00*
USA, New York State: Black	44	**0.6**	*0.10*	0.07	*0.01*	14	**0.1**	*0.04*	0.02	*0.00*
USA, New York State: White	754	**1.3**	*0.05*	0.15	*0.01*	201	**0.3**	*0.02*	0.04	*0.00*
USA, Ohio	502	**1.2**	*0.06*	0.14	*0.01*	130	**0.2**	*0.02*	0.03	*0.00*
USA, Ohio: Black	19	**0.5**	*0.13*	0.06	*0.02*	4	**0.1**	*0.04*	0.01	*0.01*
USA, Ohio: White	476	**1.2**	*0.06*	0.15	*0.01*	123	**0.2**	*0.02*	0.03	*0.00*
USA, Oklahoma	109	**0.9**	*0.09*	0.10	*0.01*	31	**0.2**	*0.04*	0.02	*0.01*
USA, Oregon	194	**1.5**	*0.11*	0.17	*0.02*	38	**0.3**	*0.05*	0.03	*0.01*
USA, Pennsylvania	783	**1.5**	*0.06*	0.17	*0.01*	191	**0.3**	*0.02*	0.03	*0.00*
USA, Pennsylvania: Black	38	**1.1**	*0.19*	0.12	*0.03*	12	**0.2**	*0.07*	0.03	*0.01*
USA, Pennsylvania: White	734	**1.5**	*0.06*	0.17	*0.01*	175	**0.3**	*0.02*	0.03	*0.00*
USA, Rhode Island	62	**1.5**	*0.21*	0.19	*0.03*	18	**0.3**	*0.08*	0.04	*0.01*
USA, SEER (9 Registries)	1068	**1.1**	*0.04*	0.13	*0.01*	272	**0.2**	*0.02*	0.03	*0.00*
USA, SEER (9 Registries): Black	37	**0.6**	*0.09*	0.07	*0.02*	12	**0.1**	*0.04*	0.01	*0.01*
USA, SEER (9 Registries): White	979	**1.3**	*0.04*	0.15	*0.01*	250	**0.3**	*0.02*	0.03	*0.00*
USA, SEER (14 Registries)	3001	**1.2**	*0.02*	0.14	*0.00*	826	**0.3**	*0.01*	0.03	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	65	**0.4**	*0.05*	0.04	*0.01*	23	**0.1**	*0.02*	0.01	*0.00*
USA, SEER (14 Registries): Black	129	**0.7**	*0.06*	0.09	*0.01*	40	**0.2**	*0.03*	0.02	*0.00*
USA, SEER (14 Registries): Hispanic White	242	**1.2**	*0.08*	0.14	*0.01*	74	**0.3**	*0.03*	0.03	*0.00*
USA, SEER (14 Registries): Non-Hispanic White	2547	**1.3**	*0.03*	0.15	*0.00*	679	**0.3**	*0.01*	0.03	*0.00*
USA, South Carolina	129	**0.9**	*0.08*	0.13	*0.01*	35	**0.2**	*0.04*	0.03	*0.01*
USA, South Carolina: Black	15	**0.5**	*0.15*	0.07	*0.02*	6	**0.1**	*0.05*	0.01	*0.01*
USA, South Carolina: White	114	**1.0**	*0.10*	0.14	*0.02*	29	**0.2**	*0.04*	0.03	*0.01*
USA, Texas	607	**1.0**	*0.04*	0.12	*0.01*	157	**0.2**	*0.02*	0.03	*0.00*
USA, Texas: Black	27	**0.5**	*0.10*	0.06	*0.01*	14	**0.2**	*0.05*	0.02	*0.01*
USA, Texas: White	577	**1.0**	*0.04*	0.13	*0.01*	142	**0.2**	*0.02*	0.03	*0.00*
USA, Utah	66	**1.1**	*0.14*	0.14	*0.02*	14	**0.2**	*0.07*	0.03	*0.01*
USA, Vermont	21	**0.9**	*0.21*	0.08	*0.02*	11	**0.5**	*0.16*	0.05	*0.02*
USA, Washington State	350	**1.6**	*0.09*	0.19	*0.01*	70	**0.2**	*0.03*	0.02	*0.00*
USA, Washington, Seattle	245	**1.7**	*0.12*	0.19	*0.02*	42	**0.2**	*0.04*	0.02	*0.01*
USA, West Virginia	119	**1.6**	*0.15*	0.20	*0.02*	30	**0.2**	*0.05*	0.02	*0.01*
USA, Wisconsin	292	**1.5**	*0.09*	0.19	*0.01*	87	**0.3**	*0.04*	0.04	*0.01*
Asia										
Bahrain: Bahraini	2	**0.4**	*0.28*	0.07	*0.05*	0	**-**	-	-	-
China, Guangzhou City	10	**0.2**	*0.07*	0.02	*0.01*	24	**0.4**	*0.09*	0.05	*0.01**
China, Hong Kong	38	**0.2**	*0.03*	0.02	*0.00*	20	**0.1**	*0.02*	0.01	*0.00*
China, Jiashan	1	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	-	- *
China, Nangang District, Harbin City	0	**-**	-	-	-	0	**-**	-	-	-
China, Shanghai	13	**0.1**	*0.02*	0.01	*0.00*	5	**0.0**	*0.01*	0.00	*0.00**
China, Zhongshan	11	**0.4**	*0.11*	0.04	*0.01*	7	**0.2**	*0.08*	0.03	*0.01**
Cyprus	11	**0.4**	*0.14*	0.05	*0.02*	7	**0.3**	*0.10*	0.03	*0.02**
India, Chennai (Madras)	10	**0.1**	*0.04*	0.01	*0.01*	1	**0.0**	*0.01*	0.00	*0.00*
India, New Delhi	3	**0.0**	*0.01*	0.00	*0.00*	2	**0.0**	*0.01*	0.00	*0.00**
India, Karunagappally	0	**-**	-	-	-	0	**-**	-	-	-
India, Mumbai (Bombay)	11	**0.0**	*0.01*	0.01	*0.00*	5	**0.0**	*0.01*	0.00	*0.00*
India, Nagpur	0	**-**	-	-	-	0	**-**	-	-	- *
India, Poona	0	**-**	-	-	-	0	**-**	-	-	- *
India, Trivandrum	3	**0.1**	*0.06*	0.01	*0.01*	3	**0.1**	*0.06*	0.01	*0.01**
Israel	128	**0.8**	*0.07*	0.10	*0.01*	49	**0.3**	*0.04*	0.03	*0.01*
Israel: Jews	116	**0.8**	*0.08*	0.11	*0.01*	43	**0.3**	*0.04*	0.03	*0.01*
Israel: Non-Jews	9	**0.6**	*0.22*	0.08	*0.04*	4	**0.2**	*0.12*	0.03	*0.01*
Japan, Aichi Prefecture	5	**0.1**	*0.05*	0.02	*0.01*	1	**0.0**	*0.02*	-	-
Japan, Fukui Prefecture	12	**0.3**	*0.09*	0.02	*0.01*	6	**0.1**	*0.04*	0.01	*0.01*
Japan, Hiroshima	35	**0.8**	*0.14*	0.10	*0.02*	5	**0.1**	*0.06*	0.01	*0.01*
Japan, Miyagi Prefecture	40	**0.4**	*0.06*	0.05	*0.01*	14	**0.1**	*0.03*	0.01	*0.00*
Japan, Nagasaki Prefecture	39	**0.6**	*0.09*	0.08	*0.01*	16	**0.2**	*0.04*	0.02	*0.01*
Japan, Osaka Prefecture	340	**0.9**	*0.05*	0.11	*0.01*	102	**0.2**	*0.02*	0.02	*0.00*
Japan, Yamagata Prefecture	15	**0.2**	*0.06*	0.03	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mesothelioma (C45) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	129	**0.1**	*0.01*	0.02	*0.00*	71	**0.1**	*0.01*	0.01	*0.00*
Korea, Busan	15	**0.2**	*0.05*	0.03	*0.01*	12	**0.1**	*0.03*	0.01	*0.00*
Korea, Daegu	6	**0.1**	*0.05*	0.02	*0.01*	3	**0.0**	*0.02*	0.00	*0.00*
Korea, Daejeon	9	**0.4**	*0.15*	0.04	*0.02*	2	**0.1**	*0.04*	0.01	*0.00*
Korea, Gwangju	2	**0.1**	*0.07*	0.01	*0.01*	0	**-**	-	-	-
Korea, Incheon	11	**0.2**	*0.07*	0.02	*0.01*	3	**0.0**	*0.03*	0.01	*0.00*
Korea, Jejudo	1	**0.1**	*0.13*	0.02	*0.02*	0	**-**	-	-	-
Korea, Seoul	34	**0.2**	*0.03*	0.02	*0.00*	16	**0.1**	*0.02*	0.01	*0.00*
Korea, Ulsan	3	**0.3**	*0.17*	0.02	*0.02*	0	**-**	-	-	-
Kuwait: Kuwaitis	4	**0.4**	*0.23*	0.02	*0.02*	2	**0.2**	*0.15*	0.04	*0.03*
Kuwait: Non-Kuwaitis	10	**0.7**	*0.41*	0.05	*0.03*	4	**0.4**	*0.31*	0.09	*0.08*
Malaysia, Penang	1	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	-	-
Malaysia, Sarawak	0	**-**	-	-	-	0	**-**	-	-	-
Oman: Omani	5	**0.3**	*0.13*	0.04	*0.02*	1	**0.1**	*0.06*	0.00	*0.01* *
Pakistan, South Karachi	4	**0.1**	*0.07*	0.01	*0.01*	0	**-**	-	-	- *
Philippines, Manila	5	**0.1**	*0.04*	0.01	*0.01*	3	**0.0**	*0.02*	0.00	*0.00* *
Singapore	28	**0.3**	*0.07*	0.05	*0.01*	9	**0.1**	*0.03*	0.01	*0.00*
Singapore: Chinese	23	**0.4**	*0.08*	0.05	*0.01*	9	**0.1**	*0.03*	0.01	*0.00*
Singapore: Indian	1	**0.1**	*0.08*	-	-	0	**-**	-	-	-
Singapore: Malay	4	**0.4**	*0.22*	0.06	*0.03*	0	**-**	-	-	-
Thailand, Chiang Mai	0	**-**	-	-	-	0	**-**	-	-	- *
Thailand, Lampang	0	**-**	-	-	-	0	**-**	-	-	- *
Thailand, Songkhla	0	**-**	-	-	-	0	**-**	-	-	-
Turkey, Antalya	35	**1.1**	*0.19*	0.15	*0.03*	26	**0.8**	*0.17*	0.11	*0.02* *
Turkey, Izmir	57	**0.7**	*0.10*	0.09	*0.01*	29	**0.3**	*0.06*	0.04	*0.01* *
Europe										
Austria	225	**0.8**	*0.05*	0.09	*0.01*	128	**0.3**	*0.03*	0.04	*0.00*
Austria, Tyrol	14	**0.6**	*0.17*	0.08	*0.02*	6	**0.2**	*0.08*	0.03	*0.01*
Austria, Vorarlberg	17	**1.5**	*0.37*	0.23	*0.06*	7	**0.6**	*0.23*	0.05	*0.02*
Belarus	165	**0.6**	*0.04*	0.07	*0.01*	97	**0.2**	*0.02*	0.03	*0.00* *
Belgium, Antwerp	164	**2.3**	*0.18*	0.29	*0.03*	23	**0.3**	*0.07*	0.03	*0.01* *
Belgium, Flanders	403	**2.0**	*0.10*	0.25	*0.01*	88	**0.4**	*0.05*	0.05	*0.01*
Bulgaria	54	**0.2**	*0.03*	0.02	*0.00*	56	**0.2**	*0.03*	0.02	*0.00* *
Croatia	225	**1.4**	*0.09*	0.17	*0.01*	56	**0.3**	*0.04*	0.03	*0.00*
Czech Republic	176	**0.5**	*0.04*	0.06	*0.01*	136	**0.3**	*0.03*	0.04	*0.00*
Denmark	368	**1.7**	*0.09*	0.22	*0.01*	76	**0.3**	*0.04*	0.04	*0.01*
Estonia	18	**0.4**	*0.10*	0.05	*0.01*	11	**0.2**	*0.06*	0.02	*0.01*
Finland	257	**1.3**	*0.08*	0.16	*0.01*	79	**0.3**	*0.03*	0.04	*0.01*
France, Bas-Rhin	37	**1.0**	*0.17*	0.12	*0.02*	5	**0.1**	*0.06*	0.02	*0.01*
France, Calvados	33	**1.3**	*0.23*	0.18	*0.04*	19	**0.6**	*0.16*	0.08	*0.02*
France, Doubs	10	**0.5**	*0.17*	0.07	*0.03*	6	**0.2**	*0.10*	0.03	*0.02*
France, Haut-Rhin	16	**0.6**	*0.16*	0.07	*0.02*	1	**0.0**	*0.02*	0.01	*0.01*
France, Herault	39	**1.0**	*0.17*	0.12	*0.02*	8	**0.2**	*0.07*	0.02	*0.01*
France, Isere	84	**2.0**	*0.23*	0.27	*0.04*	22	**0.4**	*0.09*	0.05	*0.01*
France, Loire-Atlantique	107	**2.5**	*0.25*	0.33	*0.04*	15	**0.3**	*0.07*	0.04	*0.01*
France, Manche	41	**2.1**	*0.35*	0.24	*0.04*	4	**0.2**	*0.12*	0.03	*0.02*
France, Somme	25	**1.3**	*0.26*	0.19	*0.04*	12	**0.6**	*0.17*	0.08	*0.02*
France, Tarn	15	**0.8**	*0.23*	0.09	*0.03*	7	**0.4**	*0.16*	0.04	*0.02*
France, Vendee	24	**0.8**	*0.19*	0.10	*0.03*	6	**0.1**	*0.06*	0.02	*0.01*
Germany, Brandenburg	74	**0.7**	*0.09*	0.08	*0.01*	59	**0.4**	*0.08*	0.04	*0.01*
Germany, Free State of Saxony	132	**0.7**	*0.06*	0.07	*0.01*	100	**0.4**	*0.05*	0.04	*0.01*
Germany, Hamburg	263	**3.6**	*0.23*	0.44	*0.03*	83	**0.7**	*0.08*	0.08	*0.01*
Germany, Mecklenburg-Western Pomerania	42	**0.6**	*0.10*	0.08	*0.01*	29	**0.3**	*0.06*	0.03	*0.01*
Germany, Munich	128	**1.3**	*0.12*	0.16	*0.02*	47	**0.4**	*0.06*	0.05	*0.01*
Germany, Northrhine-Westphalia: Munster	241	**2.3**	*0.15*	0.31	*0.02*	51	**0.3**	*0.05*	0.04	*0.01*
Germany, Saarland	77	**1.6**	*0.18*	0.20	*0.03*	7	**0.1**	*0.06*	0.01	*0.01*
Iceland	9	**1.0**	*0.34*	0.15	*0.06*	2	**0.2**	*0.15*	0.04	*0.03*
Ireland	72	**0.6**	*0.08*	0.08	*0.01*	17	**0.2**	*0.04*	0.02	*0.01*
Italy, Biella Province	8	**1.0**	*0.37*	0.14	*0.05*	7	**0.6**	*0.25*	0.07	*0.03*
Italy, Brescia Province	44	**1.8**	*0.28*	0.22	*0.04*	38	**1.2**	*0.22*	0.12	*0.03*
Italy, Ferrara Province	41	**2.3**	*0.38*	0.26	*0.05*	13	**0.6**	*0.20*	0.05	*0.02*
Italy, Florence and Prato	58	**1.1**	*0.15*	0.13	*0.02*	21	**0.3**	*0.07*	0.04	*0.01*
Italy, Genoa Province	169	**5.8**	*0.47*	0.74	*0.07*	44	**1.0**	*0.18*	0.15	*0.03*
Italy, Macerata Province	7	**0.6**	*0.25*	0.08	*0.04*	1	**0.0**	*0.03*	-	-
Italy, Milan	87	**1.6**	*0.18*	0.20	*0.03*	69	**0.9**	*0.13*	0.10	*0.02*
Italy, Modena Province	27	**0.9**	*0.19*	0.10	*0.02*	13	**0.3**	*0.10*	0.04	*0.01*
Italy, Naples	29	**1.9**	*0.36*	0.19	*0.04*	20	**1.0**	*0.23*	0.11	*0.03*
Italy, North East Cancer Surveillance Network	291	**3.0**	*0.18*	0.38	*0.03*	71	**0.5**	*0.07*	0.07	*0.01*
Italy, Parma Province	25	**1.3**	*0.27*	0.18	*0.04*	13	**0.7**	*0.19*	0.09	*0.03*
Italy, Ragusa Province	8	**0.7**	*0.27*	0.06	*0.03*	4	**0.4**	*0.21*	0.05	*0.02*
Italy, Reggio Emilia Province	44	**2.1**	*0.34*	0.26	*0.05*	11	**0.5**	*0.16*	0.06	*0.02*
Italy, Romagna Region	63	**1.3**	*0.19*	0.15	*0.02*	25	**0.5**	*0.11*	0.06	*0.01*
Italy, Salerno Province	26	**0.7**	*0.15*	0.08	*0.02*	4	**0.1**	*0.05*	0.01	*0.01*
Italy, Sassari Province	15	**0.8**	*0.21*	0.10	*0.03*	5	**0.3**	*0.13*	0.04	*0.02*
Italy, Syracuse Province	33	**2.7**	*0.48*	0.36	*0.07*	5	**0.4**	*0.18*	0.04	*0.02*
Italy, Sondrio	19	**2.8**	*0.64*	0.41	*0.10*	12	**1.0**	*0.31*	0.12	*0.05*
Italy, Torino	78	**1.7**	*0.20*	0.21	*0.03*	62	**1.0**	*0.15*	0.13	*0.02*
Italy, Umbria Region	36	**0.8**	*0.15*	0.10	*0.02*	14	**0.4**	*0.11*	0.04	*0.01*
Italy, Varese Province	44	**2.2**	*0.33*	0.27	*0.05*	15	**0.6**	*0.17*	0.07	*0.02*
Italy, Veneto Region	125	**1.8**	*0.16*	0.23	*0.02*	44	**0.4**	*0.07*	0.05	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Mesothelioma (C45) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	57	**0.8**	*0.10*	0.10	*0.01*	42	**0.4**	*0.07*	0.04	*0.01*
Lithuania	34	**0.3**	*0.06*	0.04	*0.01*	39	**0.3**	*0.04*	0.03	*0.01*
Malta	24	**1.7**	*0.36*	0.21	*0.05*	4	**0.3**	*0.14*	0.02	*0.01*
Norway	286	**1.5**	*0.10*	0.19	*0.01*	52	**0.3**	*0.04*	0.04	*0.01*
Poland, Cracow	11	**0.5**	*0.14*	0.05	*0.02*	13	**0.4**	*0.13*	0.04	*0.01**
Poland, Kielce	21	**0.5**	*0.11*	0.06	*0.02*	8	**0.1**	*0.05*	0.01	*0.01*
Poland, Warsaw City	22	**0.4**	*0.08*	0.05	*0.01*	22	**0.2**	*0.05*	0.04	*0.01*
Portugal, Porto	24	**0.2**	*0.05*	0.03	*0.01*	14	**0.1**	*0.03*	0.02	*0.00**
Portugal, South Regional	37	**0.3**	*0.06*	0.04	*0.01*	18	**0.2**	*0.04*	0.02	*0.00*
Russia, St Petersburg	69	**0.5**	*0.06*	0.06	*0.01*	60	**0.2**	*0.03*	0.03	*0.00*
Serbia	44	**0.3**	*0.04*	0.03	*0.01*	20	**0.1**	*0.03*	0.01	*0.00*
Slovak Republic	77	**0.5**	*0.06*	0.06	*0.01*	42	**0.2**	*0.03*	0.02	*0.00*
Slovenia	81	**1.2**	*0.13*	0.14	*0.02*	46	**0.5**	*0.08*	0.06	*0.01*
Spain, Albacete	4	**0.3**	*0.19*	0.03	*0.02*	1	**0.1**	*0.13*	0.01	*0.01*
Spain, Asturias	41	**0.9**	*0.16*	0.09	*0.02*	18	**0.4**	*0.10*	0.04	*0.01*
Spain, Basque Country	57	**0.8**	*0.11*	0.09	*0.01*	15	**0.2**	*0.06*	0.03	*0.01*
Spain, Canary Islands	8	**0.2**	*0.06*	0.02	*0.01*	7	**0.2**	*0.06*	0.02	*0.01*
Spain, Cuenca	2	**0.2**	*0.18*	0.04	*0.03*	0	**-**	-	-	-
Spain, Girona	13	**0.5**	*0.15*	0.07	*0.02*	7	**0.3**	*0.12*	0.02	*0.01*
Spain, Granada	21	**0.7**	*0.17*	0.10	*0.02*	5	**0.1**	*0.06*	0.01	*0.01*
Spain, Murcia	26	**0.7**	*0.14*	0.10	*0.02*	6	**0.1**	*0.06*	0.01	*0.01*
Spain, Navarra	27	**1.1**	*0.22*	0.14	*0.03*	23	**1.0**	*0.22*	0.11	*0.03*
Spain, Tarragona	10	**0.5**	*0.17*	0.07	*0.02*	6	**0.2**	*0.07*	0.02	*0.01*
Spain, Zaragoza	22	**0.7**	*0.15*	0.07	*0.02*	11	**0.2**	*0.07*	0.03	*0.01*
Sweden	530	**1.3**	*0.06*	0.16	*0.01*	127	**0.3**	*0.03*	0.03	*0.00*
Switzerland, Geneva	23	**1.7**	*0.37*	0.18	*0.04*	2	**0.1**	*0.09*	0.02	*0.01*
Switzerland, Graubunden and Glarus	16	**1.7**	*0.46*	0.20	*0.07*	5	**0.4**	*0.21*	0.08	*0.04*
Switzerland, Neuchatel	13	**2.0**	*0.58*	0.22	*0.07*	2	**0.3**	*0.23*	0.04	*0.03*
Switzerland, St Gall-Appenzell	47	**2.6**	*0.39*	0.38	*0.06*	6	**0.2**	*0.10*	0.02	*0.01*
Switzerland, Ticino	16	**1.2**	*0.31*	0.14	*0.04*	6	**0.3**	*0.15*	0.06	*0.03*
Switzerland, Valais	20	**1.8**	*0.42*	0.22	*0.06*	4	**0.3**	*0.17*	0.06	*0.03*
Switzerland, Vaud	26	**1.3**	*0.25*	0.17	*0.03*	5	**0.1**	*0.05*	0.01	*0.01*
The Netherlands	1654	**2.8**	*0.07*	0.36	*0.01*	259	**0.4**	*0.02*	0.05	*0.00*
The Netherlands, Eindhoven	78	**2.1**	*0.24*	0.26	*0.04*	16	**0.4**	*0.10*	0.05	*0.01*
The Netherlands, Maastricht	139	**3.8**	*0.33*	0.53	*0.05*	10	**0.3**	*0.09*	0.03	*0.01*
UK, East of England Region	382	**3.1**	*0.17*	0.40	*0.03*	81	**0.6**	*0.07*	0.06	*0.01*
UK, England, Merseyside and Cheshire	396	**3.8**	*0.20*	0.47	*0.03*	68	**0.5**	*0.07*	0.07	*0.01*
UK, England, North Western	530	**3.1**	*0.14*	0.41	*0.02*	120	**0.5**	*0.05*	0.06	*0.01*
UK, England, Northern and Yorkshire	1188	**4.2**	*0.13*	0.54	*0.02*	229	**0.6**	*0.05*	0.08	*0.01*
UK, England, Oxford Region	292	**2.8**	*0.17*	0.35	*0.03*	64	**0.6**	*0.08*	0.08	*0.01*
UK, England, South and Western Regions	1185	**3.8**	*0.12*	0.47	*0.02*	192	**0.5**	*0.04*	0.06	*0.01*
UK, England, Thames	1813	**3.4**	*0.08*	0.43	*0.01*	402	**0.6**	*0.03*	0.07	*0.00*
UK, England, Trent	585	**2.8**	*0.12*	0.36	*0.02*	104	**0.4**	*0.05*	0.06	*0.01*
UK, England, West Midlands	528	**2.4**	*0.11*	0.31	*0.02*	99	**0.4**	*0.04*	0.05	*0.01*
UK, Northern Ireland	239	**4.0**	*0.27*	0.52	*0.04*	27	**0.4**	*0.08*	0.05	*0.01*
UK, Scotland	766	**3.6**	*0.14*	0.44	*0.02*	116	**0.4**	*0.04*	0.05	*0.01*
Oceania										
Australia, New South Wales	712	**2.9**	*0.11*	0.36	*0.02*	157	**0.5**	*0.05*	0.06	*0.01*
Australia, Northern Territory	0	**-**	-	-	-	0	**-**	-	-	-
Australia, Queensland	414	**3.3**	*0.17*	0.38	*0.02*	84	**0.6**	*0.07*	0.07	*0.01*
Australia, South	212	**3.6**	*0.26*	0.46	*0.04*	40	**0.6**	*0.11*	0.07	*0.01*
Australia, Tasmania	34	**1.9**	*0.33*	0.28	*0.05*	7	**0.4**	*0.15*	0.05	*0.02*
Australia, Victoria	450	**2.5**	*0.12*	0.30	*0.02*	97	**0.5**	*0.05*	0.06	*0.01*
Australia, Western	295	**4.7**	*0.28*	0.57	*0.04*	45	**0.6**	*0.10*	0.08	*0.02*
Australian Capital Territory	21	**2.5**	*0.56*	0.39	*0.10*	1	**0.1**	*0.11*	0.01	*0.01*
French Polynesia	3	**0.6**	*0.39*	0.11	*0.08*	1	**0.3**	*0.28*	0.07	*0.07*
New Zealand	285	**2.1**	*0.13*	0.27	*0.02*	52	**0.3**	*0.05*	0.03	*0.01*
USA, Hawaii	37	**0.7**	*0.13*	0.08	*0.02*	5	**0.1**	*0.04*	0.01	*0.01*
USA, Hawaii: Chinese	5	**0.7**	*0.32*	0.06	*0.06*	0	**-**	-	-	-
USA, Hawaii: Filipino	1	**0.1**	*0.08*	-	-	1	**0.1**	*0.12*	0.03	*0.03*
USA, Hawaii: Hawaiian	4	**0.9**	*0.44*	0.16	*0.09*	0	**-**	-	-	-
USA, Hawaii: Japanese	11	**0.6**	*0.21*	0.08	*0.04*	3	**0.1**	*0.08*	0.01	*0.01*
USA, Hawaii: White	15	**1.2**	*0.32*	0.11	*0.04*	0	**-**	-	-	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kaposi sarcoma (C46)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	3	**0.1**	*0.08*	-	-	1	**0.1**	*0.06*	-	- *
Egypt, Gharbiah	9	**0.2**	*0.08*	-	-	1	**0.0**	*0.02*	-	-
Tunisia, Centre, Sousse	5	**0.5**	*0.24*	-	-	5	**0.5**	*0.22*	-	- *
Uganda, Kyadondo County	802	**33.0**	*1.56*	-	-	641	**21.5**	*1.14*	-	- *
Zimbabwe, Harare: African	1822	**52.2**	*1.46*	-	-	909	**25.2**	*1.04*	-	- *
America, Central and South										
Argentina, Bahia Blanca	4	**0.5**	*0.27*	0.07	*0.04*	1	**0.0**	*0.03*	-	-
Brazil, Brasilia	24	**0.8**	*0.18*	0.09	*0.03*	7	**0.2**	*0.08*	0.02	*0.01*
Brazil, Cuiaba	4	**0.3**	*0.16*	0.03	*0.01*	2	**0.3**	*0.20*	0.04	*0.03*
Brazil, Goiania	19	**1.0**	*0.25*	0.09	*0.03*	3	**0.1**	*0.09*	0.02	*0.01*
Brazil, Sao Paulo	452	**1.6**	*0.09*	0.14	*0.01*	74	**0.2**	*0.03*	0.02	*0.00*
Chile, Valdivia	2	**0.2**	*0.12*	-	-	1	**0.1**	*0.12*	0.01	*0.01*
Colombia, Cali	113	**2.5**	*0.24*	0.21	*0.02*	9	**0.2**	*0.05*	0.01	*0.00*
Costa Rica	60	**0.6**	*0.08*	0.04	*0.01*	10	**0.1**	*0.04*	0.01	*0.00*
Ecuador, Quito	7	**0.2**	*0.07*	0.01	*0.00*	4	**0.1**	*0.05*	0.01	*0.01*
France, La Martinique	13	**1.2**	*0.33*	0.12	*0.04*	2	**0.1**	*0.04*	-	-
Peru, Trujillo	7	**0.7**	*0.28*	0.10	*0.05*	4	**0.2**	*0.12*	0.01	*0.01* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	214	**0.3**	*0.02*	0.03	*0.00*	32	**0.0**	*0.01*	0.00	*0.00*
Canada, Alberta	24	**0.2**	*0.05*	0.03	*0.01*	6	**0.1**	*0.03*	0.01	*0.00*
Canada, British Columbia	76	**0.5**	*0.06*	0.05	*0.01*	12	**0.1**	*0.03*	0.01	*0.00*
Canada, Manitoba	10	**0.3**	*0.10*	0.03	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
Canada, New Brunswick	8	**0.3**	*0.09*	0.02	*0.01*	1	**0.0**	*0.01*	-	-
Canada, Newfoundland and Labrador	4	**0.2**	*0.11*	0.04	*0.02*	3	**0.1**	*0.04*	-	-
Canada, Northwest Territories	0	**-**	-	-	-	0	**-**	-	-	-
Canada, Nova Scotia	6	**0.1**	*0.06*	0.01	*0.01*	2	**0.0**	*0.01*	-	-
Canada, Ontario	80	**0.2**	*0.02*	0.02	*0.00*	6	**0.0**	*0.00*	0.00	*0.00*
Canada, Prince Edward Island	1	**0.2**	*0.22*	0.02	*0.02*	0	**-**	-	-	-
Canada, Saskatchewan	5	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	-	-
USA, Alabama	36	**0.2**	*0.04*	0.02	*0.00*	8	**0.0**	*0.01*	0.00	*0.00*
USA, Alabama: Black	8	**0.3**	*0.10*	0.02	*0.01*	3	**0.1**	*0.04*	0.01	*0.00*
USA, Alabama: White	27	**0.2**	*0.05*	0.02	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
USA, Alaska	5	**0.2**	*0.10*	0.02	*0.01*	2	**0.1**	*0.06*	0.01	*0.01*
USA, Arizona	72	**0.5**	*0.06*	0.04	*0.01*	7	**0.0**	*0.01*	0.00	*0.00*
USA, California	1477	**1.4**	*0.04*	0.12	*0.00*	111	**0.1**	*0.01*	0.01	*0.00*
USA, California: Asian and Pacific Islander	48	**0.4**	*0.05*	0.03	*0.01*	4	**0.0**	*0.01*	0.00	*0.00*
USA, California: Black	209	**2.9**	*0.20*	0.25	*0.02*	10	**0.1**	*0.04*	0.01	*0.00*
USA, California: Hispanic White	412	**1.5**	*0.08*	0.15	*0.01*	25	**0.1**	*0.02*	0.01	*0.00*
USA, California: Non-Hispanic White	717	**1.2**	*0.05*	0.11	*0.00*	62	**0.1**	*0.01*	0.00	*0.00*
USA, California, Greater San Francisco Bay Area	382	**1.7**	*0.09*	0.16	*0.01*	27	**0.1**	*0.02*	0.01	*0.00*
USA, California, Greater San Francisco Bay Area: Black	64	**4.1**	*0.52*	0.36	*0.05*	4	**0.3**	*0.14*	0.03	*0.01*
USA, California, Greater San Francisco Bay Area: Chinese	3	**0.2**	*0.12*	0.02	*0.01*	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Filipino	8	**0.8**	*0.27*	0.06	*0.02*	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Japanese	0	**-**	-	-	-	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	54	**1.4**	*0.21*	0.16	*0.03*	5	**0.2**	*0.08*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	229	**1.9**	*0.13*	0.17	*0.01*	14	**0.1**	*0.02*	0.01	*0.00*
USA, California, Los Angeles County	610	**2.1**	*0.09*	0.19	*0.01*	38	**0.1**	*0.02*	0.01	*0.00*
USA, California, Los Angeles County: Black	102	**3.7**	*0.37*	0.32	*0.03*	4	**0.1**	*0.07*	0.01	*0.01*
USA, California, Los Angeles County: Chinese	5	**0.5**	*0.23*	0.07	*0.03*	0	**-**	-	-	-
USA, California, Los Angeles County: Filipino	8	**1.0**	*0.36*	0.08	*0.03*	1	**0.1**	*0.10*	0.01	*0.01*
USA, California, Los Angeles County: Japanese	2	**0.5**	*0.37*	0.04	*0.03*	0	**-**	-	-	-
USA, California, Los Angeles County: Korean	0	**-**	-	-	-	0	**-**	-	-	-
USA, California, Los Angeles County: Hispanic White	225	**2.0**	*0.14*	0.18	*0.02*	11	**0.1**	*0.03*	0.01	*0.00*
USA, California, Los Angeles County: Non-Hispanic White	228	**2.0**	*0.14*	0.18	*0.01*	17	**0.1**	*0.02*	0.01	*0.00*
USA, Colorado	93	**0.6**	*0.07*	0.06	*0.01*	4	**0.0**	*0.01*	0.00	*0.00*
USA, Connecticut	67	**0.6**	*0.07*	0.05	*0.01*	24	**0.1**	*0.03*	0.01	*0.00*
USA, Connecticut: Black	14	**1.5**	*0.39*	0.13	*0.03*	2	**0.2**	*0.13*	0.02	*0.01*
USA, Connecticut: White	50	**0.5**	*0.07*	0.05	*0.01*	22	**0.1**	*0.03*	0.01	*0.00*
USA, District of Columbia	85	**4.6**	*0.51*	0.40	*0.05*	6	**0.3**	*0.12*	0.03	*0.01*
USA, District of Columbia: Black	60	**6.2**	*0.80*	0.51	*0.07*	6	**0.5**	*0.19*	0.04	*0.02*
USA, District of Columbia: White	16	**2.3**	*0.58*	0.22	*0.07*	0	**-**	-	-	-
USA, Florida	587	**1.2**	*0.05*	0.10	*0.00*	103	**0.1**	*0.02*	0.01	*0.00*
USA, Florida: Black	135	**2.0**	*0.18*	0.18	*0.02*	43	**0.6**	*0.09*	0.06	*0.01*
USA, Florida: White	447	**1.0**	*0.05*	0.09	*0.00*	60	**0.1**	*0.01*	0.01	*0.00*
USA, Georgia	288	**1.1**	*0.07*	0.09	*0.01*	14	**0.0**	*0.01*	0.00	*0.00*
USA, Georgia: Black	154	**2.3**	*0.19*	0.19	*0.02*	9	**0.1**	*0.04*	0.01	*0.00*
USA, Georgia: White	125	**0.7**	*0.06*	0.06	*0.01*	4	**0.0**	*0.01*	0.00	*0.00*
USA, Georgia, Atlanta	237	**2.4**	*0.16*	0.20	*0.02*	8	**0.1**	*0.03*	0.01	*0.00*
USA, Georgia, Atlanta: Black	137	**4.3**	*0.39*	0.36	*0.04*	6	**0.2**	*0.07*	0.02	*0.01*
USA, Georgia, Atlanta: White	91	**1.5**	*0.16*	0.13	*0.02*	2	**0.0**	*0.03*	0.00	*0.00*
USA, Idaho	4	**0.1**	*0.05*	0.01	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
USA, Illinois	212	**0.5**	*0.04*	0.05	*0.00*	33	**0.1**	*0.01*	0.01	*0.00*
USA, Illinois: Black	93	**1.9**	*0.19*	0.16	*0.02*	9	**0.2**	*0.06*	0.02	*0.01*
USA, Illinois: White	108	**0.3**	*0.03*	0.03	*0.00*	23	**0.0**	*0.01*	0.01	*0.00*
USA, Indiana	61	**0.3**	*0.04*	0.03	*0.00*	13	**0.0**	*0.02*	0.00	*0.00*
USA, Iowa	18	**0.2**	*0.05*	0.02	*0.00*	2	**0.0**	*0.01*	-	-
USA, Kentucky	36	**0.3**	*0.05*	0.02	*0.00*	9	**0.0**	*0.02*	0.00	*0.00*
USA, Louisiana	118	**0.9**	*0.08*	0.07	*0.01*	32	**0.1**	*0.02*	0.01	*0.00*
USA, Louisiana: Black	46	**1.3**	*0.19*	0.09	*0.02*	8	**0.1**	*0.05*	0.01	*0.01*
USA, Louisiana: White	70	**0.7**	*0.09*	0.06	*0.01*	24	**0.1**	*0.03*	0.00	*0.00*
USA, Louisiana, New Orleans: Black	21	**2.0**	*0.44*	0.17	*0.04*	1	**0.0**	*0.04*	-	-
USA, Louisiana, New Orleans: White	24	**1.5**	*0.30*	0.12	*0.03*	8	**0.2**	*0.07*	0.00	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kaposi sarcoma (C46) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	5	**0.1**	*0.06*	0.01	*0.01*	1	**0.0**	*0.01*	-	-
USA, Massachusetts	146	**0.7**	*0.06*	0.06	*0.01*	24	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan	145	**0.5**	*0.04*	0.04	*0.00*	27	**0.1**	*0.01*	0.00	*0.00*
USA, Michigan: Black	56	**1.5**	*0.20*	0.12	*0.02*	4	**0.1**	*0.04*	0.00	*0.00*
USA, Michigan: White	83	**0.3**	*0.03*	0.02	*0.00*	20	**0.0**	*0.01*	0.00	*0.00*
USA, Michigan, Detroit	105	**0.8**	*0.08*	0.07	*0.01*	17	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan, Detroit: Black	47	**1.8**	*0.26*	0.14	*0.02*	4	**0.1**	*0.04*	0.01	*0.01*
USA, Michigan, Detroit: White	56	**0.5**	*0.07*	0.04	*0.01*	12	**0.1**	*0.02*	0.00	*0.00*
USA, Missouri	63	**0.3**	*0.04*	0.03	*0.00*	11	**0.0**	*0.01*	0.00	*0.00*
USA, Missouri: Black	13	**0.7**	*0.21*	0.06	*0.02*	1	**0.0**	*0.02*	-	-
USA, Missouri: White	48	**0.3**	*0.04*	0.02	*0.00*	10	**0.0**	*0.01*	0.00	*0.00*
USA, Montana	7	**0.3**	*0.11*	0.02	*0.01*	1	**0.0**	*0.04*	0.00	*0.00*
USA, NPCR	5568	**0.8**	*0.01*	0.07	*0.00*	767	**0.1**	*0.00*	0.01	*0.00*
USA, NPCR: Black	1446	**1.9**	*0.05*	0.16	*0.00*	187	**0.2**	*0.02*	0.02	*0.00*
USA, NPCR: White	3787	**0.6**	*0.01*	0.05	*0.00*	537	**0.1**	*0.00*	0.00	*0.00*
USA, New Jersey	258	**0.9**	*0.06*	0.08	*0.01*	49	**0.1**	*0.02*	0.01	*0.00*
USA, New Jersey: Black	86	**2.4**	*0.27*	0.22	*0.03*	9	**0.2**	*0.08*	0.02	*0.01*
USA, New Jersey: White	161	**0.6**	*0.05*	0.06	*0.01*	39	**0.1**	*0.02*	0.01	*0.00*
USA, New Mexico	37	**0.7**	*0.11*	0.06	*0.01*	7	**0.1**	*0.03*	0.01	*0.00*
USA, New Mexico: American Indian	3	**0.7**	*0.43*	0.05	*0.04*	0	**-**	-	-	-
USA, New Mexico: Hispanic White	19	**0.9**	*0.22*	0.10	*0.03*	5	**0.2**	*0.09*	0.02	*0.01*
USA, New Mexico: Non-Hispanic White	13	**0.5**	*0.14*	0.04	*0.01*	2	**0.0**	*0.01*	-	-
USA, New York State	831	**1.4**	*0.05*	0.12	*0.00*	164	**0.2**	*0.02*	0.01	*0.00*
USA, New York State: Black	300	**3.8**	*0.22*	0.33	*0.02*	57	**0.6**	*0.08*	0.05	*0.01*
USA, New York State: White	515	**1.0**	*0.05*	0.09	*0.00*	105	**0.1**	*0.01*	0.01	*0.00*
USA, Ohio	99	**0.3**	*0.03*	0.02	*0.00*	14	**0.0**	*0.01*	0.00	*0.00*
USA, Ohio: Black	20	**0.6**	*0.13*	0.05	*0.01*	0	**-**	-	-	-
USA, Ohio: White	71	**0.2**	*0.03*	0.02	*0.00*	13	**0.0**	*0.01*	0.00	*0.00*
USA, Oklahoma	30	**0.3**	*0.05*	0.03	*0.01*	7	**0.0**	*0.01*	-	-
USA, Oregon	44	**0.4**	*0.06*	0.04	*0.01*	4	**0.0**	*0.02*	0.00	*0.00*
USA, Pennsylvania	215	**0.5**	*0.04*	0.04	*0.00*	30	**0.0**	*0.01*	0.00	*0.00*
USA, Pennsylvania: Black	85	**2.5**	*0.27*	0.20	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*
USA, Pennsylvania: White	122	**0.3**	*0.03*	0.03	*0.00*	25	**0.0**	*0.01*	0.00	*0.00*
USA, Rhode Island	27	**0.7**	*0.15*	0.06	*0.01*	7	**0.1**	*0.05*	0.01	*0.01*
USA, SEER (9 Registries)	946	**1.1**	*0.04*	0.10	*0.00*	94	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (9 Registries): Black	275	**3.0**	*0.18*	0.25	*0.02*	19	**0.2**	*0.04*	0.02	*0.00*
USA, SEER (9 Registries): White	597	**0.9**	*0.04*	0.08	*0.00*	69	**0.1**	*0.01*	0.00	*0.00*
USA, SEER (14 Registries)	2509	**1.1**	*0.02*	0.09	*0.00*	270	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	68	**0.3**	*0.04*	0.03	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
USA, SEER (14 Registries): Black	561	**2.4**	*0.10*	0.20	*0.01*	43	**0.2**	*0.02*	0.01	*0.00*
USA, SEER (14 Registries): Hispanic White	505	**1.4**	*0.07*	0.14	*0.01*	42	**0.1**	*0.02*	0.01	*0.00*
USA, SEER (14 Registries): Non-Hispanic White	1243	**0.8**	*0.02*	0.07	*0.00*	168	**0.1**	*0.01*	0.00	*0.00*
USA, South Carolina	31	**0.3**	*0.05*	0.02	*0.00*	1	**0.0**	*0.00*	-	-
USA, South Carolina: Black	24	**0.8**	*0.16*	0.06	*0.02*	0	**-**	-	-	-
USA, South Carolina: White	6	**0.1**	*0.03*	0.00	*0.00*	1	**0.0**	*0.00*	-	-
USA, Texas	435	**0.7**	*0.03*	0.06	*0.00*	71	**0.1**	*0.01*	0.01	*0.00*
USA, Texas: Black	68	**0.9**	*0.11*	0.07	*0.01*	9	**0.1**	*0.04*	0.01	*0.00*
USA, Texas: White	361	**0.7**	*0.04*	0.06	*0.00*	60	**0.1**	*0.01*	0.01	*0.00*
USA, Utah	10	**0.2**	*0.05*	0.01	*0.00*	3	**0.0**	*0.02*	0.00	*0.00*
USA, Vermont	4	**0.2**	*0.09*	0.01	*0.01*	1	**0.0**	*0.01*	-	-
USA, Washington State	137	**0.7**	*0.06*	0.06	*0.01*	7	**0.0**	*0.01*	0.00	*0.00*
USA, Washington, Seattle	114	**0.8**	*0.08*	0.07	*0.01*	5	**0.0**	*0.02*	0.00	*0.00*
USA, West Virginia	18	**0.3**	*0.06*	0.02	*0.01*	3	**0.0**	*0.02*	0.00	*0.00*
USA, Wisconsin	34	**0.2**	*0.03*	0.02	*0.00*	8	**0.0**	*0.01*	0.00	*0.00*
Asia										
Bahrain: Bahraini	1	**0.2**	*0.22*	0.04	*0.04*	1	**0.2**	*0.18*	0.02	*0.02*
China, Guangzhou City	0	**-**	-	-	-	0	**-**	-	-	- *
China, Hong Kong	7	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.00*	0.00	*0.00*
China, Jiashan	0	**-**	-	-	-	0	**-**	-	-	- *
China, Nangang District, Harbin City	0	**-**	-	-	-	0	**-**	-	-	-
China, Shanghai	0	**-**	-	-	-	0	**-**	-	-	- *
China, Zhongshan	0	**-**	-	-	-	0	**-**	-	-	- *
Cyprus	11	**0.5**	*0.14*	0.04	*0.02*	7	**0.2**	*0.09*	0.02	*0.01**
India, Chennai (Madras)	0	**-**	-	-	-	0	**-**	-	-	-
India, New Delhi	1	**0.0**	*0.00*	0.00	*0.00*	2	**0.0**	*0.02*	0.00	*0.00**
India, Karunagappally	0	**-**	-	-	-	0	**-**	-	-	-
India, Mumbai (Bombay)	3	**0.0**	*0.00*	0.00	*0.00*	0	**-**	-	-	-
India, Nagpur	0	**-**	-	-	-	0	**-**	-	-	- *
India, Poona	0	**-**	-	-	-	0	**-**	-	-	- *
India, Trivandrum	0	**-**	-	-	-	0	**-**	-	-	- *
Israel	517	**2.8**	*0.13*	0.31	*0.02*	229	**0.9**	*0.06*	0.08	*0.01*
Israel: Jews	487	**2.9**	*0.14*	0.32	*0.02*	212	**0.9**	*0.07*	0.09	*0.01*
Israel: Non-Jews	17	**1.2**	*0.30*	0.17	*0.05*	6	**0.4**	*0.16*	0.04	*0.02*
Japan, Aichi Prefecture	2	**0.1**	*0.04*	0.01	*0.01*	2	**0.1**	*0.04*	0.01	*0.01*
Japan, Fukui Prefecture	0	**-**	-	-	-	0	**-**	-	-	-
Japan, Hiroshima	0	**-**	-	-	-	0	**-**	-	-	-
Japan, Miyagi Prefecture	1	**0.0**	*0.01*	0.00	*0.00*	0	**-**	-	-	-
Japan, Nagasaki Prefecture	0	**-**	-	-	-	2	**0.0**	*0.01*	0.00	*0.00*
Japan, Osaka Prefecture	0	**-**	-	-	-	0	**-**	-	-	-
Japan, Yamagata Prefecture	0	**-**	-	-	-	0	**-**	-	-	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kaposi sarcoma (C46) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	34	**0.0**	*0.01*	0.00	*0.00*	24	**0.0**	*0.00*	0.00	*0.00*
Korea, Busan	2	**0.0**	*0.01*	0.00	*0.00*	0	**-**	-	-	-
Korea, Daegu	1	**0.0**	*0.02*	-	-	1	**0.0**	*0.01*	0.00	*0.00*
Korea, Daejeon	1	**0.0**	*0.02*	0.00	*0.00*	1	**0.0**	*0.02*	0.00	*0.00*
Korea, Gwangju	2	**0.1**	*0.07*	0.02	*0.01*	2	**0.1**	*0.04*	0.00	*0.00*
Korea, Incheon	6	**0.1**	*0.06*	0.02	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
Korea, Jejudo	1	**0.1**	*0.14*	0.02	*0.02*	0	**-**	-	-	-
Korea, Seoul	26	**0.1**	*0.03*	0.01	*0.00*	10	**0.0**	*0.01*	0.00	*0.00*
Korea, Ulsan	1	**0.0**	*0.03*	0.00	*0.00*	1	**0.0**	*0.03*	0.00	*0.00*
Kuwait: Kuwaitis	2	**0.2**	*0.15*	0.03	*0.02*	0	**-**	-	-	-
Kuwait: Non-Kuwaitis	2	**0.1**	*0.04*	0.01	*0.00*	0	**-**	-	-	-
Malaysia, Penang	0	**-**	-	-	-	1	**0.1**	*0.06*	0.01	*0.01*
Malaysia, Sarawak	1	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	-	-
Oman: Omani	8	**0.5**	*0.19*	0.09	*0.04*	7	**0.4**	*0.15*	0.04	*0.02* *
Pakistan, South Karachi	0	**-**	-	-	-	1	**0.0**	*0.02*	0.00	*0.00* *
Philippines, Manila	2	**0.0**	*0.02*	0.00	*0.00*	1	**0.0**	*0.01*	-	- *
Singapore	10	**0.1**	*0.03*	0.01	*0.00*	0	**-**	-	-	-
Singapore: Chinese	9	**0.1**	*0.04*	0.01	*0.01*	0	**-**	-	-	-
Singapore: Indian	0	**-**	-	-	-	0	**-**	-	-	-
Singapore: Malay	1	**0.1**	*0.06*	0.00	*0.01*	0	**-**	-	-	-
Thailand, Chiang Mai	3	**0.1**	*0.04*	0.00	*0.00*	0	**-**	-	-	- *
Thailand, Lampang	1	**0.1**	*0.06*	0.00	*0.00*	0	**-**	-	-	- *
Thailand, Songkhla	0	**-**	-	-	-	0	**-**	-	-	-
Turkey, Antalya	14	**0.5**	*0.14*	0.05	*0.02*	7	**0.2**	*0.09*	0.03	*0.01* *
Turkey, Izmir	11	**0.1**	*0.04*	0.02	*0.01*	3	**0.0**	*0.02*	0.01	*0.00* *
Europe										
Austria	13	**0.1**	*0.02*	0.01	*0.00*	5	**0.0**	*0.01*	0.00	*0.00*
Austria, Tyrol	1	**0.0**	*0.04*	0.01	*0.01*	0	**-**	-	-	-
Austria, Vorarlberg	1	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	-	-
Belarus	27	**0.1**	*0.02*	0.01	*0.00*	18	**0.0**	*0.01*	0.00	*0.00* *
Belgium, Antwerp	6	**0.1**	*0.05*	0.01	*0.00*	2	**0.0**	*0.02*	0.00	*0.00* *
Belgium, Flanders	20	**0.1**	*0.03*	0.01	*0.00*	12	**0.1**	*0.02*	0.01	*0.00*
Bulgaria	32	**0.1**	*0.02*	0.01	*0.00*	11	**0.0**	*0.01*	0.00	*0.00* *
Croatia	17	**0.1**	*0.02*	0.01	*0.00*	9	**0.0**	*0.01*	0.00	*0.00*
Czech Republic	29	**0.1**	*0.01*	0.01	*0.00*	23	**0.0**	*0.01*	0.00	*0.00*
Denmark	45	**0.2**	*0.04*	0.02	*0.00*	7	**0.0**	*0.01*	0.00	*0.00*
Estonia	7	**0.2**	*0.06*	0.02	*0.01*	2	**0.0**	*0.01*	-	-
Finland	44	**0.2**	*0.03*	0.01	*0.00*	48	**0.1**	*0.02*	0.01	*0.00*
France, Bas-Rhin	0	**-**	-	-	-	0	**-**	-	-	-
France, Calvados	1	**0.1**	*0.05*	0.00	*0.00*	0	**-**	-	-	-
France, Doubs	2	**0.1**	*0.07*	0.01	*0.01*	0	**-**	-	-	-
France, Haut-Rhin	1	**0.0**	*0.04*	0.00	*0.00*	0	**-**	-	-	-
France, Herault	11	**0.4**	*0.11*	0.03	*0.01*	4	**0.1**	*0.08*	0.01	*0.01*
France, Isere	3	**0.1**	*0.05*	0.01	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
France, Loire-Atlantique	3	**0.1**	*0.05*	0.01	*0.00*	0	**-**	-	-	-
France, Manche	2	**0.1**	*0.10*	0.02	*0.01*	1	**0.0**	*0.01*	-	-
France, Somme	1	**0.1**	*0.06*	0.00	*0.01*	0	**-**	-	-	-
France, Tarn	1	**0.0**	*0.03*	-	-	0	**-**	-	-	-
France, Vendee	1	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	-	-
Germany, Brandenburg	6	**0.1**	*0.02*	0.01	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
Germany, Free State of Saxony	1	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.00*	-	-
Germany, Hamburg	9	**0.1**	*0.04*	0.02	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
Germany, Mecklenburg-Western Pomerania	2	**0.0**	*0.02*	0.00	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
Germany, Munich	13	**0.1**	*0.04*	0.01	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
Germany, Northrhine-Westphalia: Munster	4	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	-	-
Germany, Saarland	3	**0.1**	*0.04*	0.01	*0.00*	0	**-**	-	-	-
Iceland	8	**0.7**	*0.25*	0.05	*0.03*	8	**0.4**	*0.17*	0.02	*0.02*
Ireland	19	**0.2**	*0.04*	0.01	*0.00*	3	**0.0**	*0.02*	0.00	*0.00*
Italy, Biella Province	8	**1.0**	*0.38*	0.10	*0.04*	9	**0.7**	*0.27*	0.06	*0.03*
Italy, Brescia Province	55	**2.2**	*0.30*	0.25	*0.04*	20	**0.4**	*0.12*	0.03	*0.01*
Italy, Ferrara Province	22	**1.3**	*0.30*	0.13	*0.03*	12	**0.4**	*0.12*	0.04	*0.02*
Italy, Florence and Prato	52	**1.0**	*0.16*	0.10	*0.02*	16	**0.2**	*0.05*	0.02	*0.01*
Italy, Genoa Province	43	**1.7**	*0.28*	0.18	*0.03*	13	**0.4**	*0.12*	0.05	*0.02*
Italy, Macerata Province	8	**0.9**	*0.37*	0.09	*0.04*	1	**0.0**	*0.04*	-	-
Italy, Milan	75	**1.9**	*0.23*	0.17	*0.02*	26	**0.3**	*0.07*	0.03	*0.01*
Italy, Modena Province	34	**1.4**	*0.24*	0.16	*0.03*	19	**0.4**	*0.12*	0.04	*0.02*
Italy, Naples	13	**0.8**	*0.24*	0.07	*0.03*	7	**0.3**	*0.13*	0.03	*0.02*
Italy, North East Cancer Surveillance Network	53	**0.6**	*0.08*	0.06	*0.01*	23	**0.1**	*0.04*	0.02	*0.00*
Italy, Parma Province	20	**1.1**	*0.27*	0.10	*0.03*	4	**0.2**	*0.11*	0.01	*0.01*
Italy, Ragusa Province	13	**0.8**	*0.24*	0.09	*0.04*	6	**0.3**	*0.11*	0.03	*0.02*
Italy, Reggio Emilia Province	35	**1.7**	*0.31*	0.18	*0.04*	17	**0.5**	*0.16*	0.05	*0.02*
Italy, Romagna Region	41	**1.0**	*0.17*	0.07	*0.01*	6	**0.1**	*0.06*	0.01	*0.01*
Italy, Salerno Province	17	**0.5**	*0.12*	0.06	*0.02*	15	**0.2**	*0.07*	0.03	*0.01*
Italy, Sassari Province	44	**2.1**	*0.33*	0.21	*0.05*	24	**1.1**	*0.25*	0.10	*0.03*
Italy, Syracuse Province	7	**0.5**	*0.21*	0.05	*0.02*	5	**0.2**	*0.09*	0.03	*0.02*
Italy, Sondrio	6	**0.8**	*0.31*	0.09	*0.05*	1	**0.2**	*0.20*	0.02	*0.02*
Italy, Torino	85	**2.1**	*0.24*	0.23	*0.03*	28	**0.5**	*0.12*	0.05	*0.01*
Italy, Umbria Region	6	**0.2**	*0.07*	0.02	*0.01*	6	**0.1**	*0.04*	0.01	*0.01*
Italy, Varese Province	27	**1.5**	*0.30*	0.17	*0.04*	9	**0.2**	*0.08*	0.01	*0.01*
Italy, Veneto Region	67	**1.1**	*0.14*	0.11	*0.02*	15	**0.1**	*0.04*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kaposi sarcoma (C46) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	6	**0.1**	*0.03*	0.01	*0.00*	3	**0.0**	*0.02*	0.00	*0.00*
Lithuania	13	**0.1**	*0.03*	0.01	*0.00*	5	**0.0**	*0.01*	0.00	*0.00*
Malta	9	**0.6**	*0.22*	0.06	*0.03*	4	**0.2**	*0.13*	0.03	*0.02*
Norway	25	**0.1**	*0.03*	0.01	*0.00*	16	**0.1**	*0.02*	0.00	*0.00*
Poland, Cracow	3	**0.1**	*0.06*	0.02	*0.01*	0	**-**	-	-	- *
Poland, Kielce	2	**0.1**	*0.04*	0.00	*0.00*	2	**0.0**	*0.02*	0.01	*0.00*
Poland, Warsaw City	1	**0.0**	*0.01*	-	-	1	**0.0**	*0.01*	0.00	*0.00*
Portugal, Porto	66	**0.7**	*0.08*	0.06	*0.01*	19	**0.2**	*0.04*	0.01	*0.00**
Portugal, South Regional	169	**2.1**	*0.17*	0.18	*0.01*	35	**0.4**	*0.07*	0.03	*0.01*
Russia, St Petersburg	16	**0.1**	*0.03*	0.01	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
Serbia	1	**0.0**	*0.01*	0.00	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
Slovak Republic	14	**0.1**	*0.02*	0.01	*0.00*	7	**0.0**	*0.01*	0.00	*0.00*
Slovenia	4	**0.1**	*0.03*	0.00	*0.00*	2	**0.0**	*0.02*	0.00	*0.00*
Spain, Albacete	10	**0.9**	*0.31*	0.13	*0.04*	6	**0.4**	*0.20*	0.05	*0.02*
Spain, Asturias	25	**0.7**	*0.15*	0.06	*0.01*	11	**0.1**	*0.05*	0.01	*0.01*
Spain, Basque Country	43	**0.7**	*0.11*	0.06	*0.01*	13	**0.1**	*0.04*	0.01	*0.01*
Spain, Canary Islands	58	**1.3**	*0.17*	0.13	*0.02*	3	**0.0**	*0.03*	0.00	*0.00*
Spain, Cuenca	0	**-**	-	-	-	0	**-**	-	-	-
Spain, Girona	16	**0.9**	*0.22*	0.08	*0.02*	4	**0.1**	*0.07*	0.01	*0.01*
Spain, Granada	9	**0.3**	*0.10*	0.03	*0.01*	5	**0.1**	*0.05*	0.01	*0.01*
Spain, Murcia	24	**0.7**	*0.15*	0.06	*0.01*	5	**0.1**	*0.05*	0.01	*0.01*
Spain, Navarra	9	**0.3**	*0.10*	0.03	*0.02*	1	**0.1**	*0.05*	0.01	*0.01*
Spain, Tarragona	17	**1.0**	*0.27*	0.09	*0.02*	2	**0.1**	*0.09*	0.01	*0.01*
Spain, Zaragoza	10	**0.3**	*0.10*	0.02	*0.01*	4	**0.1**	*0.07*	0.01	*0.01*
Sweden	92	**0.2**	*0.03*	0.03	*0.00*	43	**0.1**	*0.01*	0.01	*0.00*
Switzerland, Geneva	19	**1.4**	*0.31*	0.14	*0.04*	3	**0.2**	*0.12*	0.01	*0.01*
Switzerland, Graubunden and Glarus	1	**0.1**	*0.07*	-	-	0	**-**	-	-	-
Switzerland, Neuchatel	3	**0.5**	*0.29*	0.03	*0.02*	1	**0.1**	*0.10*	0.03	*0.03*
Switzerland, St Gall-Appenzell	4	**0.2**	*0.12*	0.02	*0.01*	0	**-**	-	-	-
Switzerland, Ticino	10	**0.7**	*0.24*	0.06	*0.03*	3	**0.2**	*0.12*	0.02	*0.02*
Switzerland, Valais	5	**0.5**	*0.23*	0.06	*0.03*	1	**0.0**	*0.03*	-	-
Switzerland, Vaud	18	**0.9**	*0.21*	0.09	*0.02*	1	**0.0**	*0.04*	0.01	*0.01*
The Netherlands	171	**0.3**	*0.03*	0.03	*0.00*	28	**0.1**	*0.01*	0.00	*0.00*
The Netherlands, Eindhoven	6	**0.2**	*0.08*	0.02	*0.01*	0	**-**	-	-	-
The Netherlands, Maastricht	9	**0.3**	*0.09*	0.03	*0.01*	0	**-**	-	-	-
UK, East of England Region	8	**0.1**	*0.03*	0.01	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
UK, England, Merseyside and Cheshire	6	**0.1**	*0.04*	0.01	*0.00*	2	**0.0**	*0.01*	-	-
UK, England, North Western	28	**0.2**	*0.04*	0.02	*0.00*	7	**0.1**	*0.02*	0.00	*0.00*
UK, England, Northern and Yorkshire	12	**0.1**	*0.02*	0.00	*0.00*	5	**0.0**	*0.01*	0.00	*0.00*
UK, England, Oxford Region	9	**0.1**	*0.03*	0.01	*0.00*	2	**0.0**	*0.02*	0.00	*0.00*
UK, England, South and Western Regions	17	**0.1**	*0.02*	0.01	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
UK, England, Thames	210	**0.5**	*0.03*	0.04	*0.00*	49	**0.1**	*0.02*	0.01	*0.00*
UK, England, Trent	11	**0.1**	*0.02*	0.01	*0.00*	5	**0.0**	*0.01*	0.00	*0.00*
UK, England, West Midlands	20	**0.1**	*0.03*	0.01	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
UK, Northern Ireland	3	**0.1**	*0.03*	0.01	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
UK, Scotland	22	**0.2**	*0.03*	0.01	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
Oceania										
Australia, New South Wales	138	**0.6**	*0.06*	0.06	*0.01*	20	**0.1**	*0.01*	0.01	*0.00*
Australia, Northern Territory	0	**-**	-	-	-	0	**-**	-	-	-
Australia, Queensland	31	**0.3**	*0.05*	0.03	*0.01*	2	**0.0**	*0.01*	0.00	*0.00*
Australia, South	26	**0.4**	*0.09*	0.05	*0.01*	6	**0.1**	*0.02*	0.00	*0.00*
Australia, Tasmania	0	**-**	-	-	-	0	**-**	-	-	-
Australia, Victoria	74	**0.4**	*0.05*	0.05	*0.01*	23	**0.1**	*0.03*	0.01	*0.00*
Australia, Western	19	**0.3**	*0.07*	0.03	*0.01*	4	**0.0**	*0.02*	0.00	*0.00*
Australian Capital Territory	3	**0.4**	*0.21*	0.04	*0.02*	2	**0.2**	*0.14*	0.02	*0.02*
French Polynesia	0	**-**	-	-	-	0	**-**	-	-	-
New Zealand	13	**0.1**	*0.03*	0.01	*0.00*	4	**0.0**	*0.02*	0.00	*0.00*
USA, Hawaii	28	**0.7**	*0.14*	0.07	*0.01*	3	**0.0**	*0.01*	-	-
USA, Hawaii: Chinese	1	**0.4**	*0.37*	0.03	*0.03*	0	**-**	-	-	-
USA, Hawaii: Filipino	2	**0.4**	*0.29*	0.03	*0.02*	0	**-**	-	-	-
USA, Hawaii: Hawaiian	3	**0.6**	*0.34*	0.09	*0.06*	0	**-**	-	-	-
USA, Hawaii: Japanese	1	**0.1**	*0.12*	0.01	*0.01*	1	**0.0**	*0.02*	-	-
USA, Hawaii: White	14	**1.2**	*0.33*	0.13	*0.04*	2	**0.1**	*0.05*	-	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Connective and soft tissue (C47+C49)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	22	**0.8**	*0.18*	-	-	14	**0.5**	*0.14*	-	- *
Egypt, Gharbiah	169	**3.3**	*0.28*	-	-	173	**2.7**	*0.21*	-	-
Tunisia, Centre, Sousse	15	**1.4**	*0.37*	-	-	15	**1.3**	*0.35*	-	- *
Uganda, Kyadondo County	42	**1.5**	*0.32*	-	-	46	**2.7**	*0.51*	-	- *
Zimbabwe, Harare: African	46	**1.5**	*0.28*	-	-	43	**1.8**	*0.38*	-	- *
America, Central and South										
Argentina, Bahia Blanca	19	**2.5**	*0.59*	0.22	*0.06*	21	**2.2**	*0.56*	0.22	*0.06*
Brazil, Brasilia	102	**3.8**	*0.42*	0.32	*0.05*	72	**2.3**	*0.30*	0.24	*0.04*
Brazil, Cuiaba	13	**1.6**	*0.48*	0.14	*0.05*	22	**2.7**	*0.62*	0.28	*0.08*
Brazil, Goiania	46	**2.6**	*0.40*	0.26	*0.06*	47	**2.3**	*0.35*	0.22	*0.04*
Brazil, Sao Paulo	767	**3.4**	*0.13*	0.33	*0.02*	892	**3.2**	*0.11*	0.31	*0.01*
Chile, Valdivia	20	**2.2**	*0.50*	0.26	*0.07*	11	**1.0**	*0.32*	0.12	*0.05*
Colombia, Cali	87	**2.2**	*0.24*	0.23	*0.03*	106	**2.3**	*0.23*	0.24	*0.03*
Costa Rica	150	**1.8**	*0.15*	0.17	*0.02*	143	**1.6**	*0.14*	0.16	*0.02*
Ecuador, Quito	81	**2.7**	*0.32*	0.28	*0.04*	87	**2.6**	*0.29*	0.26	*0.04*
France, La Martinique	25	**2.4**	*0.50*	0.27	*0.06*	15	**1.1**	*0.32*	0.10	*0.03*
Peru, Trujillo	35	**3.6**	*0.63*	0.44	*0.10*	24	**2.2**	*0.46*	0.24	*0.06* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	1808	**2.4**	*0.06*	0.23	*0.01*	1481	**1.9**	*0.06*	0.18	*0.01*
Canada, Alberta	193	**2.2**	*0.16*	0.20	*0.02*	147	**1.7**	*0.15*	0.15	*0.01*
Canada, British Columbia	272	**2.0**	*0.13*	0.19	*0.01*	205	**1.5**	*0.12*	0.15	*0.01*
Canada, Manitoba	95	**2.3**	*0.25*	0.22	*0.03*	70	**1.6**	*0.22*	0.16	*0.02*
Canada, New Brunswick	61	**2.6**	*0.36*	0.24	*0.04*	44	**1.8**	*0.30*	0.16	*0.03*
Canada, Newfoundland and Labrador	39	**2.2**	*0.35*	0.20	*0.04*	37	**2.0**	*0.35*	0.20	*0.04*
Canada, Northwest Territories	1	**1.8**	*1.81*	0.30	*0.30*	2	**2.6**	*2.05*	0.38	*0.33*
Canada, Nova Scotia	81	**2.5**	*0.30*	0.24	*0.03*	56	**1.5**	*0.23*	0.14	*0.02*
Canada, Ontario	963	**2.7**	*0.09*	0.26	*0.01*	837	**2.2**	*0.08*	0.20	*0.01*
Canada, Prince Edward Island	10	**2.0**	*0.66*	0.11	*0.05*	15	**2.8**	*0.85*	0.26	*0.09*
Canada, Saskatchewan	93	**2.7**	*0.31*	0.24	*0.03*	68	**2.2**	*0.29*	0.22	*0.03*
USA, Alabama	356	**2.5**	*0.14*	0.24	*0.02*	311	**2.0**	*0.13*	0.19	*0.01*
USA, Alabama: Black	69	**2.4**	*0.30*	0.21	*0.03*	86	**2.5**	*0.28*	0.25	*0.03*
USA, Alabama: White	276	**2.4**	*0.16*	0.24	*0.02*	216	**1.8**	*0.14*	0.16	*0.01*
USA, Alaska	36	**2.3**	*0.40*	0.21	*0.05*	34	**2.3**	*0.41*	0.19	*0.04*
USA, Arizona	428	**2.6**	*0.13*	0.24	*0.01*	338	**1.9**	*0.11*	0.19	*0.01*
USA, California	2749	**2.8**	*0.06*	0.27	*0.01*	2074	**2.0**	*0.05*	0.19	*0.01*
USA, California: Asian and Pacific Islander	189	**1.7**	*0.13*	0.18	*0.02*	151	**1.2**	*0.11*	0.12	*0.01*
USA, California: Black	158	**2.6**	*0.21*	0.25	*0.03*	126	**1.8**	*0.16*	0.17	*0.02*
USA, California: Hispanic White	505	**2.4**	*0.11*	0.23	*0.02*	465	**2.0**	*0.10*	0.19	*0.01*
USA, California: Non-Hispanic White	1801	**3.0**	*0.08*	0.29	*0.01*	1288	**2.1**	*0.07*	0.20	*0.01*
USA, California, Greater San Francisco Bay Area	537	**2.8**	*0.13*	0.28	*0.02*	357	**1.7**	*0.10*	0.16	*0.01*
USA, California, Greater San Francisco Bay Area: Black	37	**2.7**	*0.46*	0.27	*0.06*	29	**1.9**	*0.37*	0.19	*0.04*
USA, California, Greater San Francisco Bay Area: Chinese	26	**1.8**	*0.36*	0.20	*0.04*	15	**0.8**	*0.25*	0.07	*0.02*
USA, California, Greater San Francisco Bay Area: Filipino	16	**2.0**	*0.51*	0.20	*0.06*	10	**1.3**	*0.43*	0.10	*0.03*
USA, California, Greater San Francisco Bay Area: Japanese	9	**2.6**	*0.89*	0.27	*0.11*	1	**0.4**	*0.43*	0.03	*0.03*
USA, California, Greater San Francisco Bay Area: Hispanic White	83	**2.9**	*0.35*	0.32	*0.05*	59	**2.0**	*0.27*	0.20	*0.03*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	332	**2.9**	*0.18*	0.29	*0.02*	219	**1.8**	*0.15*	0.18	*0.02*
USA, California, Los Angeles County	694	**2.6**	*0.10*	0.25	*0.01*	559	**1.9**	*0.09*	0.18	*0.01*
USA, California, Los Angeles County: Black	64	**2.6**	*0.33*	0.25	*0.04*	59	**1.8**	*0.24*	0.18	*0.03*
USA, California, Los Angeles County: Chinese	13	**1.2**	*0.35*	0.14	*0.05*	12	**0.9**	*0.26*	0.12	*0.04*
USA, California, Los Angeles County: Filipino	18	**2.2**	*0.53*	0.20	*0.06*	16	**1.8**	*0.50*	0.18	*0.05*
USA, California, Los Angeles County: Japanese	4	**1.4**	*0.93*	0.09	*0.05*	7	**1.5**	*0.76*	0.11	*0.06*
USA, California, Los Angeles County: Korean	6	**1.3**	*0.54*	0.10	*0.05*	5	**0.6**	*0.27*	0.05	*0.04*
USA, California, Los Angeles County: Hispanic White	194	**2.2**	*0.17*	0.20	*0.02*	180	**2.0**	*0.15*	0.18	*0.02*
USA, California, Los Angeles County: Non-Hispanic White	365	**3.0**	*0.18*	0.28	*0.02*	262	**2.2**	*0.17*	0.20	*0.02*
USA, Colorado	353	**2.8**	*0.15*	0.28	*0.02*	290	**2.2**	*0.14*	0.21	*0.02*
USA, Connecticut	304	**2.8**	*0.17*	0.27	*0.02*	244	**1.9**	*0.14*	0.19	*0.02*
USA, Connecticut: Black	26	**3.2**	*0.64*	0.32	*0.08*	20	**2.1**	*0.48*	0.25	*0.07*
USA, Connecticut: White	268	**2.6**	*0.18*	0.26	*0.02*	220	**1.9**	*0.15*	0.18	*0.02*
USA, District of Columbia	31	**1.9**	*0.36*	0.14	*0.03*	44	**2.0**	*0.34*	0.20	*0.04*
USA, District of Columbia: Black	19	**1.9**	*0.45*	0.16	*0.04*	31	**2.3**	*0.44*	0.23	*0.05*
USA, District of Columbia: White	10	**1.6**	*0.54*	0.09	*0.03*	12	**1.8**	*0.75*	0.13	*0.05*
USA, Florida	1691	**2.8**	*0.08*	0.28	*0.01*	1284	**2.1**	*0.07*	0.20	*0.01*
USA, Florida: Black	163	**2.8**	*0.22*	0.28	*0.03*	160	**2.3**	*0.19*	0.23	*0.02*
USA, Florida: White	1513	**2.8**	*0.08*	0.28	*0.01*	1103	**2.0**	*0.08*	0.20	*0.01*
USA, Georgia	570	**2.6**	*0.11*	0.24	*0.01*	490	**2.0**	*0.09*	0.19	*0.01*
USA, Georgia: Black	132	**2.5**	*0.22*	0.23	*0.03*	153	**2.3**	*0.20*	0.23	*0.02*
USA, Georgia: White	434	**2.7**	*0.14*	0.25	*0.01*	330	**1.8**	*0.11*	0.18	*0.01*
USA, Georgia, Atlanta	198	**2.9**	*0.21*	0.26	*0.02*	168	**2.2**	*0.18*	0.23	*0.02*
USA, Georgia, Atlanta: Black	61	**2.7**	*0.37*	0.26	*0.05*	66	**2.6**	*0.34*	0.30	*0.05*
USA, Georgia, Atlanta: White	135	**3.0**	*0.27*	0.27	*0.03*	98	**2.1**	*0.23*	0.21	*0.02*
USA, Idaho	99	**2.7**	*0.28*	0.24	*0.03*	82	**2.0**	*0.24*	0.19	*0.03*
USA, Illinois	957	**2.6**	*0.09*	0.26	*0.01*	807	**1.9**	*0.08*	0.18	*0.01*
USA, Illinois: Black	121	**2.7**	*0.25*	0.26	*0.03*	121	**2.0**	*0.19*	0.19	*0.02*
USA, Illinois: White	797	**2.6**	*0.10*	0.25	*0.01*	660	**1.9**	*0.09*	0.18	*0.01*
USA, Indiana	492	**2.8**	*0.13*	0.27	*0.02*	438	**2.2**	*0.12*	0.20	*0.01*
USA, Iowa	265	**2.7**	*0.18*	0.28	*0.02*	203	**1.9**	*0.16*	0.18	*0.02*
USA, Kentucky	346	**2.9**	*0.16*	0.28	*0.02*	288	**2.1**	*0.14*	0.19	*0.01*
USA, Louisiana	357	**2.7**	*0.15*	0.26	*0.02*	330	**2.2**	*0.13*	0.21	*0.01*
USA, Louisiana: Black	88	**2.6**	*0.28*	0.24	*0.03*	112	**2.5**	*0.25*	0.22	*0.03*
USA, Louisiana: White	261	**2.7**	*0.18*	0.26	*0.02*	216	**2.0**	*0.15*	0.20	*0.02*
USA, Louisiana, New Orleans: Black	21	**2.0**	*0.43*	0.13	*0.03*	36	**2.8**	*0.47*	0.22	*0.04*
USA, Louisiana, New Orleans: White	48	**2.4**	*0.37*	0.24	*0.04*	48	**2.2**	*0.38*	0.23	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Connective and soft tissue (C47+C49) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	109	**2.4**	*0.25*	0.22	*0.03*	95	**2.1**	*0.26*	0.19	*0.02*
USA, Massachusetts	523	**2.6**	*0.12*	0.27	*0.01*	483	**2.0**	*0.11*	0.20	*0.01*
USA, Michigan	816	**2.7**	*0.10*	0.25	*0.01*	672	**2.0**	*0.09*	0.19	*0.01*
USA, Michigan: Black	78	**2.2**	*0.26*	0.19	*0.03*	82	**2.1**	*0.24*	0.19	*0.03*
USA, Michigan: White	706	**2.7**	*0.11*	0.26	*0.01*	571	**2.0**	*0.10*	0.19	*0.01*
USA, Michigan, Detroit	359	**3.0**	*0.17*	0.28	*0.02*	270	**2.0**	*0.13*	0.18	*0.01*
USA, Michigan, Detroit: Black	55	**2.2**	*0.30*	0.20	*0.03*	52	**1.8**	*0.26*	0.16	*0.03*
USA, Michigan, Detroit: White	294	**3.2**	*0.20*	0.30	*0.02*	213	**2.0**	*0.16*	0.19	*0.02*
USA, Missouri	442	**2.5**	*0.13*	0.25	*0.01*	342	**1.7**	*0.11*	0.16	*0.01*
USA, Missouri: Black	48	**3.3**	*0.48*	0.31	*0.05*	29	**1.5**	*0.29*	0.16	*0.04*
USA, Missouri: White	389	**2.5**	*0.13*	0.24	*0.01*	305	**1.7**	*0.11*	0.15	*0.01*
USA, Montana	65	**2.4**	*0.34*	0.21	*0.03*	64	**1.9**	*0.29*	0.21	*0.03*
USA, NPCR	18132	**2.7**	*0.02*	0.26	*0.00*	15124	**2.0**	*0.02*	0.19	*0.00*
USA, NPCR: Black	1599	**2.4**	*0.06*	0.24	*0.01*	1756	**2.1**	*0.05*	0.21	*0.01*
USA, NPCR: White	15738	**2.7**	*0.02*	0.26	*0.00*	12703	**2.0**	*0.02*	0.19	*0.00*
USA, New Jersey	749	**2.9**	*0.11*	0.28	*0.01*	662	**2.2**	*0.10*	0.20	*0.01*
USA, New Jersey: Black	61	**2.1**	*0.28*	0.22	*0.04*	95	**2.6**	*0.28*	0.26	*0.03*
USA, New Jersey: White	663	**3.0**	*0.13*	0.30	*0.01*	548	**2.2**	*0.11*	0.20	*0.01*
USA, New Mexico	186	**3.4**	*0.26*	0.36	*0.03*	105	**1.7**	*0.18*	0.16	*0.02*
USA, New Mexico: American Indian	11	**2.9**	*0.89*	0.36	*0.14*	7	**1.6**	*0.60*	0.14	*0.06*
USA, New Mexico: Hispanic White	45	**2.5**	*0.37*	0.25	*0.05*	35	**1.6**	*0.28*	0.14	*0.03*
USA, New Mexico: Non-Hispanic White	128	**4.0**	*0.39*	0.43	*0.05*	61	**1.7**	*0.28*	0.17	*0.03*
USA, New York State	1496	**2.6**	*0.07*	0.26	*0.01*	1403	**2.1**	*0.06*	0.20	*0.01*
USA, New York State: Black	171	**2.5**	*0.19*	0.25	*0.02*	199	**2.2**	*0.16*	0.22	*0.02*
USA, New York State: White	1268	**2.7**	*0.08*	0.26	*0.01*	1149	**2.1**	*0.07*	0.20	*0.01*
USA, Ohio	889	**2.6**	*0.09*	0.25	*0.01*	730	**1.8**	*0.08*	0.17	*0.01*
USA, Ohio: Black	74	**2.3**	*0.27*	0.23	*0.03*	85	**2.1**	*0.24*	0.24	*0.03*
USA, Ohio: White	772	**2.5**	*0.10*	0.24	*0.01*	617	**1.7**	*0.08*	0.16	*0.01*
USA, Oklahoma	218	**2.0**	*0.15*	0.21	*0.02*	225	**1.9**	*0.14*	0.18	*0.01*
USA, Oregon	294	**2.5**	*0.16*	0.26	*0.02*	245	**2.1**	*0.16*	0.18	*0.01*
USA, Pennsylvania	1033	**2.5**	*0.09*	0.25	*0.01*	919	**1.9**	*0.08*	0.18	*0.01*
USA, Pennsylvania: Black	74	**2.4**	*0.29*	0.25	*0.04*	88	**2.2**	*0.25*	0.22	*0.03*
USA, Pennsylvania: White	932	**2.5**	*0.09*	0.25	*0.01*	801	**1.8**	*0.08*	0.17	*0.01*
USA, Rhode Island	105	**2.9**	*0.32*	0.29	*0.04*	76	**1.9**	*0.26*	0.20	*0.03*
USA, SEER (9 Registries)	2293	**2.9**	*0.06*	0.28	*0.01*	1703	**1.9**	*0.05*	0.18	*0.01*
USA, SEER (9 Registries): Black	188	**2.5**	*0.18*	0.24	*0.02*	182	**2.1**	*0.16*	0.21	*0.02*
USA, SEER (9 Registries): White	1909	**3.0**	*0.07*	0.29	*0.01*	1402	**2.0**	*0.06*	0.19	*0.01*
USA, SEER (14 Registries)	6152	**2.8**	*0.04*	0.27	*0.00*	4827	**2.0**	*0.03*	0.19	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	317	**1.9**	*0.11*	0.18	*0.01*	231	**1.2**	*0.08*	0.11	*0.01*
USA, SEER (14 Registries): Black	479	**2.4**	*0.11*	0.24	*0.01*	505	**2.1**	*0.10*	0.21	*0.01*
USA, SEER (14 Registries): Hispanic White	664	**2.4**	*0.10*	0.24	*0.01*	604	**2.0**	*0.09*	0.19	*0.01*
USA, SEER (14 Registries): Non-Hispanic White	4546	**2.9**	*0.05*	0.28	*0.01*	3408	**2.1**	*0.04*	0.20	*0.00*
USA, South Carolina	271	**2.3**	*0.14*	0.21	*0.02*	274	**2.0**	*0.13*	0.19	*0.01*
USA, South Carolina: Black	61	**2.1**	*0.27*	0.17	*0.03*	84	**2.2**	*0.25*	0.21	*0.03*
USA, South Carolina: White	207	**2.3**	*0.17*	0.22	*0.02*	186	**2.0**	*0.17*	0.18	*0.02*
USA, Texas	1406	**2.5**	*0.07*	0.24	*0.01*	1100	**1.7**	*0.05*	0.16	*0.01*
USA, Texas: Black	137	**2.3**	*0.21*	0.24	*0.03*	136	**1.9**	*0.17*	0.19	*0.02*
USA, Texas: White	1216	**2.4**	*0.07*	0.23	*0.01*	924	**1.7**	*0.06*	0.16	*0.01*
USA, Utah	175	**3.0**	*0.23*	0.30	*0.03*	127	**2.2**	*0.20*	0.20	*0.02*
USA, Vermont	65	**3.5**	*0.47*	0.33	*0.05*	41	**2.0**	*0.35*	0.18	*0.03*
USA, Washington State	531	**3.0**	*0.14*	0.28	*0.02*	411	**2.2**	*0.12*	0.20	*0.01*
USA, Washington, Seattle	337	**2.8**	*0.16*	0.26	*0.02*	272	**2.1**	*0.15*	0.19	*0.01*
USA, West Virginia	163	**2.7**	*0.23*	0.28	*0.03*	135	**1.9**	*0.19*	0.18	*0.02*
USA, Wisconsin	402	**2.4**	*0.13*	0.24	*0.01*	342	**1.8**	*0.11*	0.16	*0.01*
Asia										
Bahrain: Bahraini	10	**1.4**	*0.46*	0.11	*0.05*	4	**0.5**	*0.24*	0.04	*0.02*
China, Guangzhou City	85	**1.5**	*0.17*	0.14	*0.02*	91	**1.5**	*0.16*	0.15	*0.02**
China, Hong Kong	352	**1.9**	*0.11*	0.18	*0.01*	340	**1.8**	*0.11*	0.16	*0.01*
China, Jiashan	5	**0.4**	*0.20*	0.04	*0.02*	8	**0.7**	*0.27*	0.08	*0.03**
China, Nangang District, Harbin City	13	**0.5**	*0.14*	0.05	*0.02*	5	**0.2**	*0.09*	0.03	*0.01*
China, Shanghai	343	**1.6**	*0.11*	0.16	*0.01*	302	**1.3**	*0.09*	0.14	*0.01**
China, Zhongshan	37	**1.1**	*0.19*	0.11	*0.02*	23	**0.7**	*0.14*	0.05	*0.01**
Cyprus	38	**1.9**	*0.32*	0.22	*0.04*	36	**1.9**	*0.34*	0.16	*0.03**
India, Chennai (Madras)	113	**1.1**	*0.11*	0.11	*0.01*	86	**0.9**	*0.10*	0.08	*0.01*
India, New Delhi	468	**1.8**	*0.09*	0.18	*0.01*	373	**1.7**	*0.10*	0.18	*0.01**
India, Karunagappally	12	**1.3**	*0.38*	0.13	*0.05*	13	**1.1**	*0.31*	0.08	*0.02*
India, Mumbai (Bombay)	337	**1.3**	*0.07*	0.13	*0.01*	241	**1.0**	*0.07*	0.11	*0.01*
India, Nagpur	56	**1.3**	*0.17*	0.12	*0.02*	54	**1.2**	*0.17*	0.11	*0.02**
India, Poona	123	**1.6**	*0.16*	0.18	*0.02*	79	**1.1**	*0.13*	0.10	*0.01**
India, Trivandrum	35	**1.3**	*0.22*	0.13	*0.03*	26	**0.8**	*0.16*	0.09	*0.02**
Israel	521	**3.3**	*0.15*	0.35	*0.02*	400	**2.3**	*0.12*	0.23	*0.01*
Israel: Jews	457	**3.3**	*0.16*	0.35	*0.02*	350	**2.3**	*0.13*	0.23	*0.01*
Israel: Non-Jews	43	**2.0**	*0.35*	0.25	*0.06*	31	**1.2**	*0.24*	0.12	*0.03*
Japan, Aichi Prefecture	31	**1.0**	*0.19*	0.09	*0.02*	24	**0.8**	*0.18*	0.07	*0.02*
Japan, Fukui Prefecture	21	**0.7**	*0.21*	0.06	*0.02*	19	**0.4**	*0.10*	0.04	*0.01*
Japan, Hiroshima	45	**1.3**	*0.22*	0.10	*0.02*	30	**0.9**	*0.21*	0.08	*0.02*
Japan, Miyagi Prefecture	97	**1.1**	*0.12*	0.12	*0.01*	94	**1.1**	*0.13*	0.10	*0.01*
Japan, Nagasaki Prefecture	69	**1.3**	*0.19*	0.12	*0.02*	66	**1.1**	*0.17*	0.11	*0.01*
Japan, Osaka Prefecture	264	**1.0**	*0.07*	0.08	*0.01*	206	**0.7**	*0.06*	0.06	*0.00*
Japan, Yamagata Prefecture	45	**1.2**	*0.25*	0.10	*0.02*	35	**0.7**	*0.17*	0.05	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Connective and soft tissue (C47+C49) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	1224	**1.3**	*0.04*	0.14	*0.01*	1071	**1.0**	*0.03*	0.10	*0.00*
Korea, Busan	119	**1.3**	*0.13*	0.13	*0.01*	96	**0.9**	*0.10*	0.10	*0.01*
Korea, Daegu	75	**1.3**	*0.15*	0.14	*0.02*	83	**1.2**	*0.14*	0.13	*0.02*
Korea, Daejeon	30	**1.1**	*0.22*	0.08	*0.02*	24	**0.7**	*0.15*	0.06	*0.01*
Korea, Gwangju	39	**1.2**	*0.21*	0.13	*0.03*	36	**1.1**	*0.19*	0.11	*0.02*
Korea, Incheon	95	**1.6**	*0.18*	0.17	*0.02*	67	**1.1**	*0.14*	0.09	*0.01*
Korea, Jejudo	8	**0.9**	*0.34*	0.11	*0.04*	8	**1.0**	*0.35*	0.09	*0.03*
Korea, Seoul	320	**1.4**	*0.09*	0.15	*0.01*	299	**1.2**	*0.07*	0.12	*0.01*
Korea, Ulsan	24	**1.4**	*0.31*	0.11	*0.04*	26	**1.3**	*0.26*	0.11	*0.03*
Kuwait: Kuwaitis	19	**1.3**	*0.33*	0.14	*0.04*	19	**1.3**	*0.34*	0.13	*0.05*
Kuwait: Non-Kuwaitis	30	**1.0**	*0.42*	0.07	*0.03*	15	**0.7**	*0.24*	0.07	*0.03*
Malaysia, Penang	27	**1.3**	*0.26*	0.14	*0.03*	31	**1.2**	*0.23*	0.12	*0.03*
Malaysia, Sarawak	64	**1.4**	*0.18*	0.12	*0.02*	51	**1.1**	*0.16*	0.10	*0.02*
Oman: Omani	38	**1.4**	*0.25*	0.12	*0.03*	22	**0.8**	*0.19*	0.07	*0.03**
Pakistan, South Karachi	84	**2.4**	*0.29*	0.23	*0.04*	59	**2.3**	*0.34*	0.24	*0.04**
Philippines, Manila	200	**2.3**	*0.19*	0.26	*0.03*	203	**2.0**	*0.15*	0.20	*0.02**
Singapore	122	**1.4**	*0.14*	0.15	*0.02*	96	**1.0**	*0.11*	0.09	*0.01*
Singapore: Chinese	96	**1.5**	*0.16*	0.15	*0.02*	79	**1.0**	*0.13*	0.09	*0.01*
Singapore: Indian	8	**1.1**	*0.41*	0.11	*0.04*	5	**0.8**	*0.38*	0.05	*0.02*
Singapore: Malay	18	**1.7**	*0.42*	0.17	*0.05*	12	**1.1**	*0.34*	0.11	*0.04*
Thailand, Chiang Mai	43	**1.1**	*0.18*	0.11	*0.02*	28	**0.7**	*0.14*	0.06	*0.01**
Thailand, Lampang	25	**1.2**	*0.25*	0.10	*0.02*	19	**1.0**	*0.24*	0.08	*0.02**
Thailand, Songkhla	40	**1.3**	*0.21*	0.13	*0.03*	28	**0.9**	*0.17*	0.06	*0.01*
Turkey, Antalya	69	**2.3**	*0.28*	0.23	*0.03*	52	**1.6**	*0.23*	0.14	*0.02**
Turkey, Izmir	140	**1.7**	*0.15*	0.17	*0.02*	134	**1.7**	*0.15*	0.14	*0.01**
Europe										
Austria	585	**2.2**	*0.10*	0.22	*0.01*	533	**1.7**	*0.09*	0.16	*0.01*
Austria, Tyrol	56	**2.7**	*0.39*	0.24	*0.04*	47	**2.1**	*0.36*	0.20	*0.03*
Austria, Vorarlberg	25	**2.2**	*0.45*	0.23	*0.06*	24	**1.9**	*0.44*	0.13	*0.03*
Belarus	556	**2.1**	*0.09*	0.20	*0.01*	642	**1.8**	*0.08*	0.17	*0.01**
Belgium, Antwerp	121	**1.9**	*0.19*	0.18	*0.02*	88	**1.4**	*0.17*	0.13	*0.02**
Belgium, Flanders	399	**2.5**	*0.14*	0.24	*0.01*	347	**2.0**	*0.13*	0.19	*0.01*
Bulgaria	461	**1.9**	*0.10*	0.18	*0.01*	363	**1.3**	*0.08*	0.12	*0.01**
Croatia	285	**2.1**	*0.13*	0.20	*0.01*	272	**1.5**	*0.11*	0.15	*0.01*
Czech Republic	703	**2.3**	*0.09*	0.22	*0.01*	601	**1.6**	*0.08*	0.16	*0.01*
Denmark	426	**2.4**	*0.13*	0.22	*0.01*	360	**1.8**	*0.11*	0.17	*0.01*
Estonia	81	**2.1**	*0.24*	0.22	*0.03*	98	**1.8**	*0.23*	0.17	*0.02*
Finland	468	**2.9**	*0.15*	0.26	*0.01*	437	**2.3**	*0.14*	0.21	*0.01*
France, Bas-Rhin	62	**2.1**	*0.28*	0.20	*0.03*	65	**1.6**	*0.23*	0.16	*0.02*
France, Calvados	45	**2.3**	*0.36*	0.23	*0.04*	42	**1.9**	*0.34*	0.17	*0.03*
France, Doubs	38	**3.1**	*0.56*	0.21	*0.04*	25	**1.3**	*0.33*	0.08	*0.02*
France, Haut-Rhin	46	**2.1**	*0.33*	0.21	*0.03*	36	**1.7**	*0.31*	0.15	*0.03*
France, Herault	87	**3.1**	*0.37*	0.27	*0.03*	70	**2.1**	*0.31*	0.16	*0.02*
France, Isere	53	**1.5**	*0.22*	0.15	*0.02*	58	**1.5**	*0.23*	0.15	*0.02*
France, Loire-Atlantique	65	**1.9**	*0.25*	0.18	*0.03*	63	**1.5**	*0.23*	0.15	*0.02*
France, Manche	33	**2.0**	*0.41*	0.18	*0.04*	35	**1.6**	*0.32*	0.15	*0.03*
France, Somme	28	**1.5**	*0.30*	0.15	*0.04*	26	**1.6**	*0.37*	0.12	*0.03*
France, Tarn	26	**1.8**	*0.45*	0.20	*0.05*	27	**1.7**	*0.41*	0.16	*0.04*
France, Vendee	29	**1.3**	*0.29*	0.13	*0.03*	16	**0.8**	*0.26*	0.07	*0.02*
Germany, Brandenburg	184	**2.1**	*0.18*	0.21	*0.02*	176	**1.7**	*0.16*	0.17	*0.01*
Germany, Free State of Saxony	358	**2.3**	*0.14*	0.24	*0.01*	310	**1.5**	*0.12*	0.15	*0.01*
Germany, Hamburg	130	**2.4**	*0.25*	0.24	*0.02*	156	**2.2**	*0.23*	0.22	*0.02*
Germany, Mecklenburg-Western Pomerania	120	**2.1**	*0.21*	0.21	*0.02*	105	**1.4**	*0.17*	0.14	*0.02*
Germany, Munich	198	**2.7**	*0.22*	0.24	*0.02*	174	**1.9**	*0.18*	0.18	*0.02*
Germany, Northrhine-Westphalia: Munster	220	**2.7**	*0.20*	0.26	*0.02*	207	**2.0**	*0.18*	0.19	*0.02*
Germany, Saarland	80	**1.9**	*0.23*	0.20	*0.03*	66	**1.4**	*0.23*	0.14	*0.02*
Iceland	17	**2.0**	*0.50*	0.20	*0.06*	8	**0.9**	*0.36*	0.07	*0.03*
Ireland	265	**2.4**	*0.15*	0.24	*0.02*	165	**1.4**	*0.12*	0.14	*0.01*
Italy, Biella Province	15	**1.7**	*0.47*	0.19	*0.06*	11	**1.1**	*0.38*	0.14	*0.05*
Italy, Brescia Province	35	**1.9**	*0.37*	0.16	*0.03*	40	**2.0**	*0.36*	0.18	*0.03*
Italy, Ferrara Province	39	**2.4**	*0.56*	0.26	*0.05*	36	**1.8**	*0.36*	0.18	*0.04*
Italy, Florence and Prato	114	**2.4**	*0.25*	0.23	*0.03*	87	**2.0**	*0.29*	0.16	*0.02*
Italy, Genoa Province	53	**1.9**	*0.31*	0.17	*0.03*	61	**2.3**	*0.42*	0.21	*0.03*
Italy, Macerata Province	13	**2.1**	*0.67*	0.22	*0.07*	11	**1.7**	*0.63*	0.14	*0.05*
Italy, Milan	132	**3.4**	*0.35*	0.34	*0.03*	98	**2.2**	*0.32*	0.22	*0.03*
Italy, Modena Province	39	**1.8**	*0.37*	0.17	*0.03*	46	**2.1**	*0.42*	0.18	*0.03*
Italy, Naples	26	**1.8**	*0.36*	0.18	*0.04*	18	**1.1**	*0.28*	0.10	*0.03*
Italy, North East Cancer Surveillance Network	191	**2.5**	*0.21*	0.23	*0.02*	163	**1.8**	*0.18*	0.17	*0.02*
Italy, Parma Province	35	**2.0**	*0.42*	0.16	*0.04*	27	**1.3**	*0.35*	0.13	*0.03*
Italy, Ragusa Province	20	**1.7**	*0.41*	0.19	*0.05*	12	**1.1**	*0.33*	0.11	*0.04*
Italy, Reggio Emilia Province	37	**2.2**	*0.44*	0.21	*0.04*	23	**1.8**	*0.50*	0.13	*0.03*
Italy, Romagna Region	59	**1.8**	*0.33*	0.15	*0.02*	69	**1.5**	*0.22*	0.17	*0.02*
Italy, Salerno Province	51	**1.8**	*0.28*	0.19	*0.03*	54	**1.9**	*0.30*	0.16	*0.03*
Italy, Sassari Province	28	**1.9**	*0.42*	0.18	*0.04*	26	**2.0**	*0.50*	0.16	*0.04*
Italy, Syracuse Province	16	**1.4**	*0.38*	0.13	*0.04*	15	**1.3**	*0.40*	0.11	*0.03*
Italy, Sondrio	5	**0.7**	*0.32*	0.06	*0.04*	5	**0.6**	*0.33*	0.06	*0.03*
Italy, Torino	90	**2.8**	*0.37*	0.26	*0.03*	70	**2.2**	*0.39*	0.19	*0.03*
Italy, Umbria Region	58	**1.7**	*0.27*	0.17	*0.03*	49	**1.3**	*0.27*	0.13	*0.02*
Italy, Varese Province	45	**2.5**	*0.42*	0.22	*0.04*	29	**1.2**	*0.27*	0.12	*0.03*
Italy, Veneto Region	140	**2.5**	*0.24*	0.23	*0.02*	108	**1.5**	*0.17*	0.14	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Connective and soft tissue (C47+C49) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	113	**1.6**	*0.16*	0.16	*0.02*	136	**1.7**	*0.20*	0.15	*0.01*
Lithuania	158	**1.6**	*0.14*	0.15	*0.01*	210	**1.6**	*0.13*	0.16	*0.01*
Malta	31	**2.5**	*0.46*	0.27	*0.06*	21	**1.4**	*0.36*	0.13	*0.04*
Norway	329	**2.1**	*0.13*	0.21	*0.01*	285	**1.5**	*0.11*	0.14	*0.01*
Poland, Cracow	27	**1.3**	*0.28*	0.13	*0.03*	29	**1.1**	*0.21*	0.10	*0.02**
Poland, Kielce	62	**1.6**	*0.20*	0.17	*0.02*	61	**1.4**	*0.21*	0.13	*0.02*
Poland, Warsaw City	65	**1.2**	*0.15*	0.12	*0.02*	77	**1.2**	*0.16*	0.12	*0.01*
Portugal, Porto	178	**1.8**	*0.14*	0.17	*0.02*	188	**1.8**	*0.15*	0.16	*0.01**
Portugal, South Regional	208	**2.3**	*0.19*	0.22	*0.02*	177	**1.5**	*0.14*	0.13	*0.01*
Russia, St Petersburg	196	**1.5**	*0.12*	0.17	*0.01*	292	**1.4**	*0.11*	0.15	*0.01*
Serbia	291	**2.0**	*0.13*	0.20	*0.01*	196	**1.2**	*0.10*	0.12	*0.01*
Slovak Republic	267	**1.8**	*0.12*	0.18	*0.01*	255	**1.5**	*0.10*	0.13	*0.01*
Slovenia	113	**2.2**	*0.24*	0.17	*0.02*	109	**1.4**	*0.14*	0.14	*0.02*
Spain, Albacete	13	**1.4**	*0.47*	0.11	*0.04*	9	**1.0**	*0.35*	0.10	*0.04*
Spain, Asturias	72	**1.6**	*0.21*	0.18	*0.02*	75	**1.4**	*0.18*	0.15	*0.02*
Spain, Basque Country	139	**2.3**	*0.22*	0.22	*0.02*	103	**1.6**	*0.20*	0.15	*0.02*
Spain, Canary Islands	91	**2.2**	*0.24*	0.22	*0.03*	62	**1.3**	*0.19*	0.11	*0.02*
Spain, Cuenca	11	**2.5**	*1.00*	0.14	*0.06*	19	**3.1**	*0.92*	0.26	*0.07*
Spain, Girona	56	**2.9**	*0.45*	0.24	*0.04*	32	**1.4**	*0.31*	0.13	*0.03*
Spain, Granada	67	**2.6**	*0.34*	0.25	*0.03*	58	**2.2**	*0.35*	0.20	*0.03*
Spain, Murcia	75	**2.1**	*0.27*	0.21	*0.03*	55	**1.4**	*0.22*	0.13	*0.02*
Spain, Navarra	40	**1.6**	*0.28*	0.22	*0.04*	38	**2.0**	*0.42*	0.19	*0.04*
Spain, Tarragona	34	**2.5**	*0.53*	0.22	*0.04*	37	**2.2**	*0.50*	0.18	*0.04*
Spain, Zaragoza	53	**2.1**	*0.36*	0.15	*0.03*	49	**1.5**	*0.26*	0.17	*0.03*
Sweden	846	**2.5**	*0.10*	0.24	*0.01*	668	**2.0**	*0.10*	0.18	*0.01*
Switzerland, Geneva	35	**2.4**	*0.43*	0.28	*0.06*	18	**1.2**	*0.33*	0.10	*0.03*
Switzerland, Graubunden and Glarus	19	**2.1**	*0.50*	0.19	*0.06*	9	**1.2**	*0.52*	0.10	*0.04*
Switzerland, Neuchatel	15	**2.5**	*0.75*	0.26	*0.09*	9	**1.0**	*0.39*	0.11	*0.05*
Switzerland, St Gall-Appenzell	42	**2.4**	*0.41*	0.23	*0.05*	26	**1.1**	*0.26*	0.08	*0.02*
Switzerland, Ticino	20	**2.0**	*0.48*	0.20	*0.05*	17	**1.2**	*0.41*	0.11	*0.03*
Switzerland, Valais	26	**2.9**	*0.60*	0.23	*0.06*	23	**1.4**	*0.33*	0.16	*0.05*
Switzerland, Vaud	67	**3.5**	*0.47*	0.33	*0.05*	51	**2.0**	*0.33*	0.20	*0.03*
The Netherlands	1245	**2.5**	*0.08*	0.24	*0.01*	1038	**1.8**	*0.07*	0.17	*0.01*
The Netherlands, Eindhoven	94	**2.9**	*0.32*	0.31	*0.04*	79	**2.1**	*0.27*	0.21	*0.03*
The Netherlands, Maastricht	79	**2.8**	*0.36*	0.28	*0.04*	70	**2.2**	*0.31*	0.20	*0.03*
UK, East of England Region	187	**1.7**	*0.14*	0.18	*0.02*	155	**1.5**	*0.15*	0.14	*0.01*
UK, England, Merseyside and Cheshire	181	**2.1**	*0.17*	0.23	*0.02*	129	**1.3**	*0.13*	0.13	*0.01*
UK, England, North Western	281	**2.0**	*0.13*	0.19	*0.01*	199	**1.3**	*0.11*	0.12	*0.01*
UK, England, Northern and Yorkshire	512	**2.3**	*0.11*	0.23	*0.01*	366	**1.4**	*0.09*	0.13	*0.01*
UK, England, Oxford Region	195	**2.2**	*0.17*	0.21	*0.02*	154	**1.6**	*0.15*	0.16	*0.02*
UK, England, South and Western Regions	672	**2.6**	*0.11*	0.25	*0.01*	604	**2.2**	*0.11*	0.22	*0.01*
UK, England, Thames	834	**1.8**	*0.07*	0.18	*0.01*	669	**1.3**	*0.06*	0.13	*0.01*
UK, England, Trent	369	**2.1**	*0.12*	0.20	*0.01*	292	**1.6**	*0.11*	0.16	*0.01*
UK, England, West Midlands	331	**1.9**	*0.12*	0.17	*0.01*	269	**1.4**	*0.10*	0.14	*0.01*
UK, Northern Ireland	109	**2.1**	*0.21*	0.20	*0.02*	91	**1.4**	*0.16*	0.13	*0.02*
UK, Scotland	324	**1.9**	*0.11*	0.19	*0.01*	260	**1.3**	*0.09*	0.13	*0.01*
Oceania										
Australia, New South Wales	429	**2.1**	*0.11*	0.20	*0.01*	362	**1.7**	*0.10*	0.16	*0.01*
Australia, Northern Territory	15	**3.5**	*0.98*	0.30	*0.11*	8	**2.5**	*0.94*	0.39	*0.19*
Australia, Queensland	357	**3.1**	*0.17*	0.33	*0.02*	228	**1.8**	*0.13*	0.19	*0.02*
Australia, South	138	**2.8**	*0.26*	0.27	*0.03*	102	**2.0**	*0.22*	0.17	*0.02*
Australia, Tasmania	48	**3.1**	*0.47*	0.36	*0.06*	37	**2.0**	*0.39*	0.18	*0.04*
Australia, Victoria	407	**2.6**	*0.14*	0.26	*0.02*	329	**1.9**	*0.12*	0.20	*0.01*
Australia, Western	162	**2.9**	*0.24*	0.27	*0.03*	83	**1.4**	*0.16*	0.14	*0.02*
Australian Capital Territory	12	**1.3**	*0.37*	0.11	*0.04*	13	**1.1**	*0.33*	0.13	*0.05*
French Polynesia	11	**2.3**	*0.75*	0.19	*0.07*	9	**2.3**	*0.77*	0.30	*0.12*
New Zealand	378	**3.0**	*0.16*	0.31	*0.02*	269	**2.1**	*0.14*	0.20	*0.02*
USA, Hawaii	119	**2.9**	*0.29*	0.27	*0.03*	70	**1.5**	*0.21*	0.12	*0.02*
USA, Hawaii: Chinese	5	**1.5**	*0.79*	0.10	*0.06*	6	**1.9**	*0.89*	0.14	*0.07*
USA, Hawaii: Filipino	22	**3.9**	*0.91*	0.38	*0.10*	8	**1.2**	*0.46*	0.11	*0.04*
USA, Hawaii: Hawaiian	19	**3.5**	*0.83*	0.20	*0.06*	14	**2.2**	*0.60*	0.20	*0.07*
USA, Hawaii: Japanese	30	**2.6**	*0.54*	0.28	*0.06*	13	**0.7**	*0.26*	0.06	*0.03*
USA, Hawaii: White	32	**2.9**	*0.60*	0.29	*0.07*	25	**2.2**	*0.53*	0.17	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Breast (C50)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	12	**0.6**	*0.19*	-	-	414	**18.8**	*0.96*	-	- *
Egypt, Gharbiah	31	**0.8**	*0.14*	-	-	2426	**42.5**	*0.88*	-	-
Tunisia, Centre, Sousse	8	**0.9**	*0.32*	-	-	308	**29.8**	*1.74*	-	- *
Uganda, Kyadondo County	15	**1.4**	*0.42*	-	-	332	**23.4**	*1.53*	-	- *
Zimbabwe, Harare: African	9	**0.6**	*0.22*	-	-	330	**19.0**	*1.24*	-	- *
America, Central and South										
Argentina, Bahia Blanca	16	**1.9**	*0.48*	0.19	*0.06*	844	**85.7**	*3.16*	9.73	*0.38*
Brazil, Brasilia	13	**0.6**	*0.18*	0.10	*0.03*	2023	**68.7**	*1.67*	7.69	*0.23*
Brazil, Cuiaba	1	**0.1**	*0.12*	0.01	*0.01*	423	**51.7**	*2.65*	5.47	*0.35*
Brazil, Goiania	10	**0.8**	*0.26*	0.10	*0.04*	1046	**53.8**	*1.71*	5.80	*0.22*
Brazil, Sao Paulo	211	**1.0**	*0.07*	0.11	*0.01*	22598	**80.8**	*0.56*	9.15	*0.07*
Chile, Valdivia	1	**0.1**	*0.08*	-	-	300	**30.9**	*1.82*	3.30	*0.22*
Colombia, Cali	11	**0.3**	*0.11*	0.04	*0.01*	2139	**47.5**	*1.06*	5.40	*0.14*
Costa Rica	28	**0.4**	*0.08*	0.05	*0.01*	2971	**37.4**	*0.71*	4.25	*0.09*
Ecuador, Quito	9	**0.3**	*0.12*	0.04	*0.02*	966	**30.7**	*1.02*	3.41	*0.13*
France, La Martinique	10	**0.8**	*0.25*	0.09	*0.04*	730	**55.2**	*2.12*	5.92	*0.25*
Peru, Trujillo	1	**0.1**	*0.11*	0.01	*0.01*	332	**29.4**	*1.65*	3.15	*0.20**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	541	**0.7**	*0.03*	0.08	*0.00*	69765	**80.7**	*0.32*	9.32	*0.04*
Canada, Alberta	50	**0.5**	*0.08*	0.06	*0.01*	7942	**81.9**	*0.96*	9.47	*0.13*
Canada, British Columbia	93	**0.6**	*0.06*	0.08	*0.01*	12036	**77.1**	*0.74*	8.89	*0.10*
Canada, Manitoba	31	**0.7**	*0.13*	0.09	*0.02*	3532	**80.8**	*1.47*	9.29	*0.19*
Canada, New Brunswick	16	**0.6**	*0.15*	0.05	*0.02*	2309	**78.3**	*1.73*	9.08	*0.23*
Canada, Newfoundland and Labrador	15	**0.8**	*0.21*	0.09	*0.03*	1418	**72.2**	*1.99*	8.30	*0.26*
Canada, Northwest Territories	0	**-**	-	-	-	69	**75.6**	*9.77*	8.71	*1.42*
Canada, Nova Scotia	27	**0.8**	*0.16*	0.09	*0.02*	3165	**83.1**	*1.58*	9.66	*0.21*
Canada, Ontario	279	**0.7**	*0.04*	0.08	*0.01*	35883	**82.3**	*0.46*	9.52	*0.06*
Canada, Prince Edward Island	5	**1.1**	*0.50*	0.14	*0.07*	438	**81.9**	*4.17*	9.61	*0.55*
Canada, Saskatchewan	25	**0.6**	*0.12*	0.06	*0.02*	2973	**76.2**	*1.54*	8.81	*0.20*
USA, Alabama	206	**1.4**	*0.10*	0.17	*0.01*	14411	**83.8**	*0.74*	9.70	*0.09*
USA, Alabama: Black	41	**1.4**	*0.23*	0.16	*0.03*	2772	**74.5**	*1.48*	8.33	*0.19*
USA, Alabama: White	161	**1.4**	*0.11*	0.17	*0.02*	11396	**85.3**	*0.85*	9.96	*0.11*
USA, Alaska	9	**0.6**	*0.21*	0.09	*0.04*	1578	**96.7**	*2.55*	11.16	*0.36*
USA, Arizona	237	**1.3**	*0.09*	0.15	*0.01*	15932	**84.7**	*0.71*	9.95	*0.09*
USA, California	710	**0.7**	*0.03*	0.08	*0.00*	103024	**91.0**	*0.30*	10.64	*0.04*
USA, California: Asian and Pacific Islander	42	**0.4**	*0.06*	0.04	*0.01*	8465	**62.6**	*0.69*	7.05	*0.09*
USA, California: Black	67	**1.1**	*0.14*	0.14	*0.02*	5850	**81.4**	*1.10*	9.28	*0.15*
USA, California: Hispanic White	64	**0.4**	*0.05*	0.04	*0.01*	12858	**63.9**	*0.58*	7.37	*0.08*
USA, California: Non-Hispanic White	526	**0.8**	*0.04*	0.09	*0.01*	74632	**105.2**	*0.42*	12.43	*0.05*
USA, California, Greater San Francisco Bay Area	150	**0.7**	*0.06*	0.09	*0.01*	21604	**94.5**	*0.68*	10.94	*0.09*
USA, California, Greater San Francisco Bay Area: Black	16	**1.3**	*0.32*	0.13	*0.04*	1265	**77.7**	*2.27*	8.82	*0.30*
USA, California, Greater San Francisco Bay Area: Chinese	4	**0.3**	*0.14*	0.03	*0.01*	1061	**59.0**	*1.88*	6.52	*0.23*
USA, California, Greater San Francisco Bay Area: Filipino	5	**0.5**	*0.25*	0.06	*0.04*	727	**63.8**	*2.40*	7.33	*0.30*
USA, California, Greater San Francisco Bay Area: Japanese	2	**0.9**	*0.66*	0.10	*0.08*	317	**79.3**	*4.81*	9.11	*0.58*
USA, California, Greater San Francisco Bay Area: Hispanic White	8	**0.4**	*0.15*	0.04	*0.02*	1869	**70.7**	*1.69*	8.20	*0.23*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	107	**0.8**	*0.08*	0.10	*0.01*	15257	**110.9**	*0.97*	13.05	*0.13*
USA, California, Los Angeles County	196	**0.7**	*0.06*	0.09	*0.01*	26058	**86.1**	*0.56*	10.02	*0.07*
USA, California, Los Angeles County: Black	31	**1.2**	*0.23*	0.16	*0.03*	2796	**84.4**	*1.64*	9.74	*0.22*
USA, California, Los Angeles County: Chinese	2	**0.3**	*0.19*	0.03	*0.02*	654	**52.1**	*2.10*	5.67	*0.26*
USA, California, Los Angeles County: Filipino	4	**0.5**	*0.28*	0.06	*0.04*	958	**92.1**	*3.02*	10.29	*0.37*
USA, California, Los Angeles County: Japanese	0	**-**	-	-	-	509	**87.7**	*4.24*	10.00	*0.51*
USA, California, Los Angeles County: Korean	3	**0.6**	*0.33*	0.07	*0.04*	289	**43.7**	*2.60*	4.73	*0.30*
USA, California, Los Angeles County: Hispanic White	21	**0.3**	*0.08*	0.03	*0.01*	4837	**58.6**	*0.87*	6.73	*0.12*
USA, California, Los Angeles County: Non-Hispanic White	132	**1.0**	*0.09*	0.12	*0.01*	15293	**110.0**	*0.97*	12.96	*0.13*
USA, Colorado	75	**0.6**	*0.07*	0.06	*0.01*	13519	**95.6**	*0.86*	11.16	*0.12*
USA, Connecticut	134	**1.1**	*0.10*	0.14	*0.01*	13411	**97.1**	*0.91*	11.29	*0.12*
USA, Connecticut: Black	8	**1.1**	*0.40*	0.08	*0.04*	791	**80.8**	*2.94*	9.22	*0.39*
USA, Connecticut: White	124	**1.2**	*0.11*	0.14	*0.02*	12386	**98.6**	*0.96*	11.48	*0.13*
USA, District of Columbia	41	**2.5**	*0.39*	0.35	*0.06*	2156	**98.5**	*2.26*	11.10	*0.29*
USA, District of Columbia: Black	18	**1.8**	*0.43*	0.28	*0.07*	1299	**88.4**	*2.63*	9.87	*0.32*
USA, District of Columbia: White	22	**3.7**	*0.80*	0.51	*0.14*	754	**115.2**	*4.53*	13.37	*0.61*
USA, Florida	598	**0.9**	*0.04*	0.10	*0.01*	62279	**88.0**	*0.39*	10.17	*0.05*
USA, Florida: Black	56	**1.0**	*0.14*	0.12	*0.02*	4975	**71.5**	*1.04*	8.07	*0.14*
USA, Florida: White	534	**0.9**	*0.04*	0.10	*0.01*	56396	**90.2**	*0.43*	10.43	*0.05*
USA, Georgia	166	**0.7**	*0.06*	0.09	*0.01*	24156	**89.0**	*0.60*	10.34	*0.08*
USA, Georgia: Black	50	**1.1**	*0.17*	0.15	*0.03*	5235	**78.4**	*1.13*	8.81	*0.15*
USA, Georgia: White	115	**0.6**	*0.06*	0.08	*0.01*	18594	**92.5**	*0.71*	10.85	*0.09*
USA, Georgia, Atlanta	60	**0.9**	*0.12*	0.13	*0.02*	8107	**94.1**	*1.09*	10.97	*0.15*
USA, Georgia, Atlanta: Black	27	**1.7**	*0.34*	0.22	*0.06*	2159	**80.0**	*1.83*	9.08	*0.25*
USA, Georgia, Atlanta: White	32	**0.7**	*0.13*	0.11	*0.02*	5757	**102.0**	*1.41*	12.00	*0.19*
USA, Idaho	49	**1.2**	*0.17*	0.14	*0.02*	4044	**91.0**	*1.52*	10.74	*0.20*
USA, Illinois	367	**0.9**	*0.05*	0.11	*0.01*	42991	**93.5**	*0.48*	10.86	*0.06*
USA, Illinois: Black	58	**1.3**	*0.18*	0.14	*0.02*	5240	**87.5**	*1.24*	9.99	*0.16*
USA, Illinois: White	298	**0.9**	*0.05*	0.11	*0.01*	36402	**94.4**	*0.53*	11.00	*0.07*
USA, Indiana	157	**0.8**	*0.07*	0.09	*0.01*	20631	**90.2**	*0.67*	10.54	*0.09*
USA, Iowa	65	**0.6**	*0.08*	0.08	*0.01*	10645	**89.3**	*0.95*	10.37	*0.12*
USA, Kentucky	92	**0.7**	*0.08*	0.09	*0.01*	13794	**89.4**	*0.80*	10.33	*0.10*
USA, Louisiana	158	**1.1**	*0.09*	0.13	*0.01*	14040	**86.4**	*0.77*	9.99	*0.10*
USA, Louisiana: Black	56	**1.7**	*0.23*	0.17	*0.03*	3757	**85.4**	*1.44*	9.58	*0.19*
USA, Louisiana: White	100	**1.0**	*0.10*	0.11	*0.01*	10202	**87.0**	*0.92*	10.20	*0.12*
USA, Louisiana, New Orleans: Black	23	**2.2**	*0.48*	0.22	*0.06*	1199	**87.9**	*2.61*	9.84	*0.34*
USA, Louisiana, New Orleans: White	23	**1.2**	*0.26*	0.15	*0.04*	2240	**93.0**	*2.15*	10.96	*0.28*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Breast (C50) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	63	**1.3**	*0.17*	0.15	*0.02*	5015	**93.3**	*1.41*	10.90	*0.18*
USA, Massachusetts	184	**0.8**	*0.07*	0.10	*0.01*	25386	**101.5**	*0.69*	11.76	*0.09*
USA, Michigan	310	**0.9**	*0.05*	0.11	*0.01*	34337	**92.4**	*0.53*	10.76	*0.07*
USA, Michigan: Black	42	**1.3**	*0.20*	0.13	*0.03*	3770	**84.9**	*1.44*	9.69	*0.19*
USA, Michigan: White	262	**0.9**	*0.06*	0.11	*0.01*	29961	**93.2**	*0.58*	10.90	*0.08*
USA, Michigan, Detroit	120	**0.9**	*0.09*	0.11	*0.01*	13845	**91.2**	*0.83*	10.56	*0.11*
USA, Michigan, Detroit: Black	29	**1.2**	*0.22*	0.12	*0.03*	2801	**83.7**	*1.65*	9.56	*0.22*
USA, Michigan, Detroit: White	90	**0.9**	*0.10*	0.10	*0.01*	10870	**94.5**	*0.98*	10.98	*0.13*
USA, Missouri	134	**0.7**	*0.06*	0.08	*0.01*	19564	**89.7**	*0.69*	10.50	*0.09*
USA, Missouri: Black	21	**1.6**	*0.34*	0.21	*0.05*	1685	**86.1**	*2.17*	9.77	*0.28*
USA, Missouri: White	111	**0.6**	*0.06*	0.07	*0.01*	17697	**90.3**	*0.73*	10.60	*0.09*
USA, Montana	20	**0.6**	*0.14*	0.07	*0.02*	3222	**91.0**	*1.71*	10.73	*0.23*
USA, NPCR	6798	**0.9**	*0.01*	0.11	*0.00*	764169	**91.6**	*0.11*	10.67	*0.01*
USA, NPCR: Black	760	**1.2**	*0.05*	0.14	*0.01*	66900	**79.3**	*0.32*	9.00	*0.04*
USA, NPCR: White	5823	**0.9**	*0.01*	0.11	*0.00*	668489	**93.4**	*0.12*	10.91	*0.02*
USA, New Jersey	266	**0.9**	*0.06*	0.11	*0.01*	31011	**93.3**	*0.57*	10.75	*0.07*
USA, New Jersey: Black	30	**1.0**	*0.19*	0.12	*0.03*	3104	**78.9**	*1.45*	9.00	*0.19*
USA, New Jersey: White	228	**0.9**	*0.06*	0.11	*0.01*	26794	**96.8**	*0.64*	11.16	*0.08*
USA, New Mexico	33	**0.5**	*0.09*	0.05	*0.01*	5242	**81.0**	*1.17*	9.41	*0.15*
USA, New Mexico: American Indian	0	**-**	-	-	-	160	**36.3**	*2.92*	4.15	*0.38*
USA, New Mexico: Hispanic White	5	**0.3**	*0.12*	0.02	*0.01*	1327	**65.5**	*1.84*	7.52	*0.24*
USA, New Mexico: Non-Hispanic White	28	**0.6**	*0.13*	0.07	*0.02*	3650	**95.8**	*1.70*	11.19	*0.22*
USA, New York State	728	**1.1**	*0.04*	0.14	*0.01*	67708	**91.4**	*0.37*	10.58	*0.05*
USA, New York State: Black	79	**1.2**	*0.14*	0.16	*0.02*	7618	**76.1**	*0.89*	8.67	*0.12*
USA, New York State: White	622	**1.1**	*0.05*	0.14	*0.01*	58020	**96.0**	*0.43*	11.15	*0.06*
USA, Ohio	317	**0.8**	*0.05*	0.10	*0.01*	40806	**90.9**	*0.48*	10.64	*0.06*
USA, Ohio: Black	35	**1.1**	*0.19*	0.13	*0.03*	3548	**83.0**	*1.45*	9.62	*0.19*
USA, Ohio: White	269	**0.8**	*0.05*	0.09	*0.01*	36041	**89.7**	*0.51*	10.51	*0.07*
USA, Oklahoma	76	**0.6**	*0.08*	0.09	*0.01*	12184	**91.3**	*0.88*	10.75	*0.12*
USA, Oregon	82	**0.7**	*0.08*	0.08	*0.01*	13397	**102.2**	*0.95*	12.13	*0.13*
USA, Pennsylvania	477	**1.0**	*0.05*	0.12	*0.01*	49083	**92.8**	*0.46*	10.79	*0.06*
USA, Pennsylvania: Black	45	**1.4**	*0.21*	0.16	*0.03*	3566	**83.8**	*1.47*	9.64	*0.19*
USA, Pennsylvania: White	421	**1.0**	*0.05*	0.11	*0.01*	44441	**92.6**	*0.49*	10.78	*0.06*
USA, Rhode Island	26	**0.7**	*0.14*	0.08	*0.02*	4034	**92.7**	*1.61*	10.69	*0.21*
USA, SEER (9 Registries)	653	**0.8**	*0.03*	0.09	*0.00*	89413	**93.2**	*0.33*	10.86	*0.04*
USA, SEER (9 Registries): Black	83	**1.2**	*0.14*	0.14	*0.02*	7442	**81.2**	*0.98*	9.25	*0.13*
USA, SEER (9 Registries): White	539	**0.8**	*0.03*	0.09	*0.01*	75089	**97.1**	*0.38*	11.37	*0.05*
USA, SEER (14 Registries)	1787	**0.8**	*0.02*	0.09	*0.00*	237378	**90.9**	*0.20*	10.58	*0.03*
USA, SEER (14 Registries): Asian and Pacific Islander	67	**0.4**	*0.05*	0.04	*0.01*	13427	**64.7**	*0.57*	7.36	*0.07*
USA, SEER (14 Registries): Black	229	**1.2**	*0.08*	0.14	*0.01*	19968	**81.7**	*0.60*	9.29	*0.08*
USA, SEER (14 Registries): Hispanic White	85	**0.4**	*0.04*	0.04	*0.01*	17512	**65.4**	*0.51*	7.52	*0.07*
USA, SEER (14 Registries): Non-Hispanic White	1390	**0.8**	*0.02*	0.10	*0.00*	184010	**98.5**	*0.25*	11.55	*0.03*
USA, South Carolina	147	**1.1**	*0.10*	0.13	*0.01*	13371	**88.4**	*0.80*	10.29	*0.10*
USA, South Carolina: Black	42	**1.5**	*0.24*	0.18	*0.03*	2974	**77.5**	*1.47*	8.73	*0.19*
USA, South Carolina: White	103	**1.0**	*0.10*	0.12	*0.01*	10251	**91.6**	*0.96*	10.74	*0.12*
USA, Texas	692	**1.2**	*0.05*	0.14	*0.01*	56843	**84.5**	*0.37*	9.85	*0.05*
USA, Texas: Black	65	**1.2**	*0.16*	0.14	*0.02*	5499	**78.9**	*1.10*	9.00	*0.15*
USA, Texas: White	617	**1.2**	*0.05*	0.14	*0.01*	49755	**85.2**	*0.40*	9.96	*0.05*
USA, Utah	34	**0.6**	*0.10*	0.06	*0.01*	4884	**81.4**	*1.22*	9.49	*0.16*
USA, Vermont	25	**1.1**	*0.22*	0.12	*0.03*	2325	**97.6**	*2.15*	11.37	*0.28*
USA, Washington State	125	**0.6**	*0.06*	0.07	*0.01*	22098	**105.1**	*0.75*	12.44	*0.10*
USA, Washington, Seattle	88	**0.7**	*0.08*	0.08	*0.01*	14728	**103.1**	*0.90*	12.20	*0.12*
USA, West Virginia	46	**0.6**	*0.09*	0.07	*0.01*	6593	**83.8**	*1.11*	9.72	*0.14*
USA, Wisconsin	197	**1.1**	*0.08*	0.12	*0.01*	19401	**94.5**	*0.73*	11.01	*0.10*
Asia										
Bahrain: Bahraini	1	**0.2**	*0.16*	0.02	*0.02*	340	**46.8**	*2.68*	5.03	*0.33*
China, Guangzhou City	9	**0.2**	*0.05*	0.02	*0.01*	1903	**31.4**	*0.73*	3.21	*0.08**
China, Hong Kong	69	**0.3**	*0.04*	0.03	*0.01*	9411	**41.3**	*0.45*	4.31	*0.05*
China, Jiashan	1	**0.1**	*0.07*	0.01	*0.01*	199	**14.7**	*1.07*	1.51	*0.12**
China, Nangang District, Harbin City	3	**0.2**	*0.11*	0.01	*0.01*	703	**25.7**	*0.98*	2.80	*0.12*
China, Shanghai	106	**0.4**	*0.04*	0.05	*0.01*	8508	**35.3**	*0.40*	3.81	*0.05**
China, Zhongshan	13	**0.4**	*0.10*	0.05	*0.01*	561	**15.4**	*0.67*	1.54	*0.07**
Cyprus	16	**0.7**	*0.18*	0.09	*0.03*	1444	**62.2**	*1.69*	6.89	*0.20**
India, Chennai (Madras)	43	**0.5**	*0.07*	0.06	*0.01*	2487	**26.5**	*0.54*	2.96	*0.07*
India, New Delhi	133	**0.7**	*0.06*	0.08	*0.01*	5839	**30.7**	*0.42*	3.44	*0.06**
India, Karunagappally	2	**0.2**	*0.17*	0.03	*0.03*	149	**16.0**	*1.33*	1.76	*0.16*
India, Mumbai (Bombay)	93	**0.4**	*0.05*	0.05	*0.01*	5792	**26.9**	*0.36*	3.03	*0.05*
India, Nagpur	64	**1.5**	*0.19*	0.16	*0.02*	1133	**27.4**	*0.84*	2.95	*0.10**
India, Poona	62	**1.0**	*0.13*	0.12	*0.02*	1598	**24.4**	*0.63*	2.73	*0.08**
India, Trivandrum	8	**0.3**	*0.11*	0.04	*0.02*	746	**24.2**	*0.89*	2.63	*0.11**
Israel	191	**1.1**	*0.09*	0.14	*0.01*	16409	**92.2**	*0.75*	10.59	*0.09*
Israel: Jews	181	**1.2**	*0.09*	0.14	*0.01*	15456	**96.8**	*0.82*	11.12	*0.10*
Israel: Non-Jews	6	**0.4**	*0.16*	0.03	*0.02*	686	**38.5**	*1.52*	4.29	*0.20*
Japan, Aichi Prefecture	13	**0.3**	*0.09*	0.05	*0.02*	1309	**35.8**	*1.03*	3.85	*0.12*
Japan, Fukui Prefecture	8	**0.2**	*0.06*	0.01	*0.01*	1102	**32.2**	*1.06*	3.39	*0.11*
Japan, Hiroshima	5	**0.1**	*0.06*	0.02	*0.01*	1774	**41.7**	*1.03*	4.50	*0.12*
Japan, Miyagi Prefecture	22	**0.2**	*0.05*	0.03	*0.01*	3966	**42.5**	*0.71*	4.54	*0.08*
Japan, Nagasaki Prefecture	18	**0.2**	*0.06*	0.02	*0.01*	2481	**38.1**	*0.83*	4.05	*0.09*
Japan, Osaka Prefecture	72	**0.2**	*0.02*	0.02	*0.00*	11103	**32.0**	*0.32*	3.40	*0.04*
Japan, Yamagata Prefecture	15	**0.2**	*0.06*	0.03	*0.01*	1882	**35.3**	*0.90*	3.73	*0.09*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Breast (C50) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	201	**0.2**	*0.02*	0.02	*0.00*	26441	**23.3**	*0.15*	2.33	*0.02*
Korea, Busan	15	**0.2**	*0.07*	0.02	*0.01*	2540	**21.2**	*0.43*	2.19	*0.05*
Korea, Daegu	11	**0.2**	*0.06*	0.02	*0.01*	1857	**24.9**	*0.58*	2.49	*0.06*
Korea, Daejeon	4	**0.2**	*0.08*	0.02	*0.01*	968	**25.2**	*0.83*	2.53	*0.09*
Korea, Gwangju	4	**0.2**	*0.08*	0.03	*0.02*	803	**21.2**	*0.77*	2.16	*0.09*
Korea, Incheon	13	**0.3**	*0.09*	0.04	*0.01*	1756	**25.0**	*0.62*	2.55	*0.07*
Korea, Jejudo	0	**-**	-	-	-	163	**16.6**	*1.32*	1.58	*0.13*
Korea, Seoul	76	**0.4**	*0.05*	0.05	*0.01*	8501	**28.8**	*0.32*	2.97	*0.04*
Korea, Ulsan	4	**0.2**	*0.12*	0.03	*0.02*	491	**21.3**	*1.02*	2.08	*0.11*
Kuwait: Kuwaitis	6	**0.7**	*0.27*	0.08	*0.03*	551	**41.3**	*1.85*	4.41	*0.23*
Kuwait: Non-Kuwaitis	12	**0.7**	*0.40*	0.04	*0.02*	519	**39.2**	*2.46*	4.66	*0.38*
Malaysia, Penang	8	**0.4**	*0.14*	0.03	*0.01*	1055	**43.9**	*1.38*	4.74	*0.17*
Malaysia, Sarawak	6	**0.2**	*0.06*	0.02	*0.01*	845	**20.5**	*0.73*	2.13	*0.09*
Oman: Omani	15	**0.9**	*0.23*	0.09	*0.03*	265	**14.6**	*0.93*	1.56	*0.12**
Pakistan, South Karachi	24	**1.0**	*0.20*	0.12	*0.03*	1497	**69.0**	*1.92*	7.65	*0.25**
Philippines, Manila	83	**1.2**	*0.15*	0.14	*0.02*	5148	**55.2**	*0.81*	6.22	*0.11**
Singapore	22	**0.3**	*0.06*	0.03	*0.01*	5335	**54.1**	*0.76*	5.84	*0.09*
Singapore: Chinese	18	**0.3**	*0.07*	0.02	*0.01*	4553	**56.4**	*0.85*	6.12	*0.11*
Singapore: Indian	2	**0.3**	*0.22*	0.05	*0.03*	270	**45.0**	*2.86*	5.15	*0.38*
Singapore: Malay	2	**0.2**	*0.17*	0.02	*0.02*	512	**43.5**	*2.02*	4.27	*0.22*
Thailand, Chiang Mai	13	**0.3**	*0.09*	0.03	*0.01*	959	**21.6**	*0.72*	2.23	*0.08**
Thailand, Lampang	3	**0.1**	*0.08*	0.01	*0.01*	538	**22.0**	*0.97*	2.28	*0.11**
Thailand, Songkhla	6	**0.2**	*0.09*	0.03	*0.01*	593	**18.2**	*0.76*	1.87	*0.09*
Turkey, Antalya	16	**0.5**	*0.13*	0.07	*0.02*	940	**29.1**	*0.97*	3.14	*0.12**
Turkey, Izmir	68	**0.8**	*0.10*	0.10	*0.01*	3071	**34.8**	*0.63*	3.83	*0.08**
Europe										
Austria	218	**0.7**	*0.05*	0.08	*0.01*	23551	**67.2**	*0.48*	7.59	*0.06*
Austria, Tyrol	16	**0.6**	*0.15*	0.06	*0.02*	1905	**72.3**	*1.77*	8.22	*0.22*
Austria, Vorarlberg	9	**0.8**	*0.28*	0.13	*0.04*	998	**75.1**	*2.52*	8.39	*0.31*
Belarus	108	**0.4**	*0.04*	0.04	*0.00*	14046	**35.6**	*0.32*	3.95	*0.04**
Belgium, Antwerp	63	**0.9**	*0.12*	0.10	*0.02*	6288	**93.2**	*1.26*	10.54	*0.15**
Belgium, Flanders	207	**1.0**	*0.07*	0.13	*0.01*	19351	**101.3**	*0.78*	11.32	*0.09*
Bulgaria	163	**0.5**	*0.04*	0.06	*0.01*	16212	**47.9**	*0.40*	5.38	*0.05**
Croatia	163	**1.0**	*0.08*	0.11	*0.01*	10984	**57.4**	*0.58*	6.41	*0.07*
Czech Republic	213	**0.6**	*0.04*	0.07	*0.01*	24587	**55.9**	*0.38*	6.38	*0.05*
Denmark	131	**0.6**	*0.05*	0.07	*0.01*	18687	**83.7**	*0.66*	9.64	*0.08*
Estonia	23	**0.5**	*0.11*	0.05	*0.01*	2828	**47.2**	*0.94*	5.31	*0.11*
Finland	73	**0.4**	*0.04*	0.04	*0.01*	17864	**80.6**	*0.64*	9.06	*0.08*
France, Bas-Rhin	20	**0.5**	*0.12*	0.06	*0.02*	3610	**93.9**	*1.65*	10.80	*0.20*
France, Calvados	25	**1.2**	*0.24*	0.12	*0.03*	2268	**91.0**	*2.03*	10.50	*0.25*
France, Doubs	12	**0.7**	*0.20*	0.08	*0.03*	1513	**79.1**	*2.15*	9.15	*0.27*
France, Haut-Rhin	13	**0.5**	*0.15*	0.06	*0.02*	2547	**91.8**	*1.93*	10.49	*0.24*
France, Herault	30	**0.9**	*0.17*	0.09	*0.02*	3514	**95.1**	*1.73*	10.68	*0.20*
France, Isere	35	**0.9**	*0.15*	0.10	*0.02*	3675	**90.2**	*1.57*	10.29	*0.19*
France, Loire-Atlantique	31	**0.7**	*0.13*	0.08	*0.02*	4278	**98.1**	*1.59*	11.28	*0.19*
France, Manche	13	**0.5**	*0.16*	0.07	*0.02*	1599	**78.8**	*2.17*	8.89	*0.25*
France, Somme	20	**0.9**	*0.22*	0.12	*0.03*	1825	**86.1**	*2.16*	9.77	*0.26*
France, Tarn	9	**0.6**	*0.23*	0.06	*0.03*	1212	**74.5**	*2.40*	8.40	*0.28*
France, Vendee	27	**1.1**	*0.22*	0.15	*0.03*	1929	**85.7**	*2.11*	9.80	*0.25*
Germany, Brandenburg	48	**0.5**	*0.07*	0.05	*0.01*	7317	**62.4**	*0.79*	7.01	*0.09*
Germany, Free State of Saxony	120	**0.6**	*0.06*	0.07	*0.01*	13711	**60.9**	*0.58*	6.88	*0.07*
Germany, Hamburg	59	**0.8**	*0.11*	0.09	*0.02*	6113	**77.7**	*1.09*	9.00	*0.13*
Germany, Mecklenburg-Western Pomerania	33	**0.5**	*0.08*	0.07	*0.01*	5075	**64.5**	*0.97*	7.18	*0.11*
Germany, Munich	54	**0.6**	*0.08*	0.06	*0.01*	8997	**84.9**	*0.96*	9.72	*0.12*
Germany, Northrhine-Westphalia: Munster	77	**0.8**	*0.09*	0.09	*0.01*	8671	**76.1**	*0.89*	8.59	*0.11*
Germany, Saarland	29	**0.6**	*0.12*	0.07	*0.02*	3965	**76.6**	*1.34*	8.70	*0.16*
Iceland	7	**0.8**	*0.31*	0.11	*0.05*	756	**84.6**	*3.23*	9.60	*0.40*
Ireland	63	**0.5**	*0.07*	0.06	*0.01*	9637	**78.1**	*0.83*	8.79	*0.10*
Italy, Biella Province	8	**0.7**	*0.27*	0.03	*0.02*	800	**81.6**	*3.28*	9.03	*0.37*
Italy, Brescia Province	26	**1.1**	*0.22*	0.13	*0.03*	2622	**97.4**	*2.06*	11.03	*0.24*
Italy, Ferrara Province	13	**0.7**	*0.20*	0.07	*0.03*	1833	**100.7**	*2.64*	11.45	*0.30*
Italy, Florence and Prato	49	**0.9**	*0.14*	0.09	*0.02*	4932	**87.0**	*1.38*	9.53	*0.16*
Italy, Genoa Province	28	**0.9**	*0.18*	0.11	*0.03*	2598	**84.1**	*1.93*	9.41	*0.22*
Italy, Macerata Province	7	**0.8**	*0.34*	0.07	*0.04*	575	**65.4**	*3.11*	7.15	*0.35*
Italy, Milan	65	**1.3**	*0.17*	0.15	*0.02*	5368	**94.4**	*1.45*	10.82	*0.17*
Italy, Modena Province	25	**0.9**	*0.18*	0.11	*0.02*	2808	**98.2**	*2.02*	11.03	*0.23*
Italy, Naples	4	**0.2**	*0.12*	0.03	*0.02*	1058	**62.9**	*1.98*	6.99	*0.24*
Italy, North East Cancer Surveillance Network	71	**0.7**	*0.09*	0.07	*0.01*	8570	**84.4**	*1.02*	9.48	*0.12*
Italy, Parma Province	15	**0.8**	*0.23*	0.10	*0.03*	1840	**96.3**	*2.51*	10.94	*0.29*
Italy, Ragusa Province	6	**0.4**	*0.20*	0.06	*0.03*	748	**61.6**	*2.43*	6.94	*0.29*
Italy, Reggio Emilia Province	18	**0.7**	*0.18*	0.09	*0.03*	1995	**95.7**	*2.39*	10.72	*0.28*
Italy, Romagna Region	36	**0.6**	*0.11*	0.07	*0.02*	4313	**91.0**	*1.54*	10.28	*0.18*
Italy, Salerno Province	23	**0.7**	*0.14*	0.08	*0.02*	1971	**59.1**	*1.42*	6.54	*0.16*
Italy, Sassari Province	10	**0.6**	*0.19*	0.06	*0.02*	1415	**73.9**	*2.07*	8.45	*0.25*
Italy, Syracuse Province	8	**0.6**	*0.20*	0.10	*0.04*	831	**63.7**	*2.37*	7.04	*0.28*
Italy, Sondrio	5	**0.6**	*0.30*	0.06	*0.04*	667	**89.3**	*3.72*	10.22	*0.44*
Italy, Torino	37	**0.8**	*0.14*	0.09	*0.02*	4074	**86.7**	*1.52*	9.87	*0.18*
Italy, Umbria Region	25	**0.6**	*0.13*	0.07	*0.02*	3155	**79.3**	*1.58*	9.05	*0.18*
Italy, Varese Province	28	**1.4**	*0.27*	0.17	*0.04*	2088	**91.9**	*2.19*	10.20	*0.26*
Italy, Veneto Region	48	**0.7**	*0.11*	0.07	*0.01*	6894	**91.6**	*1.22*	10.25	*0.14*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Breast (C50) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	32	**0.4**	*0.08*	0.06	*0.01*	4645	**44.1**	*0.69*	5.00	*0.08*
Lithuania	60	**0.5**	*0.07*	0.07	*0.01*	6192	**43.7**	*0.59*	4.88	*0.07*
Malta	11	**0.8**	*0.25*	0.09	*0.03*	1027	**67.7**	*2.20*	7.62	*0.27*
Norway	79	**0.4**	*0.05*	0.04	*0.01*	12521	**71.0**	*0.69*	8.05	*0.09*
Poland, Cracow	16	**0.6**	*0.15*	0.06	*0.02*	1840	**57.0**	*1.39*	6.57	*0.17**
Poland, Kielce	17	**0.4**	*0.10*	0.04	*0.01*	2083	**43.0**	*0.99*	4.86	*0.12*
Poland, Warsaw City	24	**0.4**	*0.08*	0.05	*0.01*	4068	**53.5**	*0.88*	6.09	*0.10*
Portugal, Porto	78	**0.7**	*0.09*	0.09	*0.01*	5924	**52.0**	*0.72*	5.65	*0.08**
Portugal, South Regional	67	**0.6**	*0.08*	0.08	*0.01*	7428	**63.5**	*0.79*	7.05	*0.09*
Russia, St Petersburg	72	**0.5**	*0.06*	0.05	*0.01*	10556	**47.7**	*0.49*	5.33	*0.06*
Serbia	230	**1.3**	*0.09*	0.16	*0.01*	10774	**59.1**	*0.60*	6.58	*0.07*
Slovak Republic	88	**0.5**	*0.06*	0.06	*0.01*	9223	**46.9**	*0.51*	5.34	*0.06*
Slovenia	42	**0.6**	*0.10*	0.07	*0.01*	4910	**58.8**	*0.88*	6.66	*0.11*
Spain, Albacete	4	**0.3**	*0.15*	0.03	*0.02*	517	**47.7**	*2.32*	5.09	*0.25*
Spain, Asturias	29	**0.5**	*0.11*	0.07	*0.02*	2675	**54.1**	*1.17*	5.96	*0.13*
Spain, Basque Country	49	**0.7**	*0.10*	0.08	*0.01*	4454	**64.3**	*1.03*	6.98	*0.12*
Spain, Canary Islands	27	**0.6**	*0.11*	0.06	*0.01*	2998	**60.2**	*1.14*	6.73	*0.14*
Spain, Cuenca	4	**0.5**	*0.28*	0.05	*0.03*	389	**45.2**	*2.70*	4.93	*0.29*
Spain, Girona	9	**0.3**	*0.12*	0.04	*0.02*	1460	**66.5**	*1.90*	7.34	*0.22*
Spain, Granada	16	**0.5**	*0.14*	0.05	*0.02*	1651	**55.9**	*1.48*	6.20	*0.17*
Spain, Murcia	24	**0.6**	*0.13*	0.07	*0.02*	2282	**57.3**	*1.28*	6.27	*0.15*
Spain, Navarra	15	**0.7**	*0.19*	0.06	*0.02*	1447	**66.2**	*1.89*	7.09	*0.21*
Spain, Tarragona	11	**0.6**	*0.19*	0.08	*0.03*	1232	**64.1**	*2.00*	7.10	*0.23*
Spain, Zaragoza	18	**0.5**	*0.13*	0.07	*0.02*	1998	**54.6**	*1.34*	6.04	*0.15*
Sweden	163	**0.4**	*0.03*	0.04	*0.00*	29643	**78.9**	*0.50*	9.07	*0.06*
Switzerland, Geneva	11	**0.7**	*0.23*	0.09	*0.03*	1759	**103.0**	*2.59*	11.81	*0.32*
Switzerland, Graubunden and Glarus	5	**0.4**	*0.20*	0.02	*0.02*	675	**71.4**	*3.00*	7.85	*0.36*
Switzerland, Neuchatel	6	**0.9**	*0.39*	0.09	*0.05*	653	**90.3**	*3.84*	10.44	*0.47*
Switzerland, St Gall-Appenzell	10	**0.5**	*0.16*	0.05	*0.02*	1395	**68.0**	*1.96*	7.66	*0.24*
Switzerland, Ticino	9	**0.7**	*0.23*	0.08	*0.03*	1130	**78.0**	*2.53*	8.88	*0.31*
Switzerland, Valais	6	**0.6**	*0.24*	0.05	*0.03*	975	**90.7**	*3.06*	10.35	*0.37*
Switzerland, Vaud	19	**0.8**	*0.18*	0.09	*0.03*	2547	**99.1**	*2.10*	11.49	*0.26*
The Netherlands	358	**0.6**	*0.03*	0.07	*0.00*	56440	**90.3**	*0.40*	10.23	*0.05*
The Netherlands, Eindhoven	19	**0.5**	*0.12*	0.05	*0.01*	3486	**90.4**	*1.59*	10.37	*0.20*
The Netherlands, Maastricht	21	**0.6**	*0.13*	0.07	*0.02*	3193	**85.9**	*1.61*	9.57	*0.19*
UK, East of England Region	58	**0.4**	*0.06*	0.04	*0.01*	9817	**84.4**	*0.93*	9.46	*0.11*
UK, England, Merseyside and Cheshire	61	**0.6**	*0.08*	0.06	*0.01*	8126	**79.9**	*0.96*	8.90	*0.12*
UK, England, North Western	81	**0.5**	*0.05*	0.06	*0.01*	13745	**81.3**	*0.75*	9.01	*0.09*
UK, England, Northern and Yorkshire	156	**0.5**	*0.05*	0.06	*0.01*	21597	**79.1**	*0.58*	8.73	*0.07*
UK, England, Oxford Region	60	**0.6**	*0.07*	0.06	*0.01*	8802	**85.2**	*0.96*	9.46	*0.12*
UK, England, South and Western Regions	245	**0.8**	*0.05*	0.09	*0.01*	27384	**89.1**	*0.60*	9.90	*0.07*
UK, England, Thames	320	**0.6**	*0.03*	0.07	*0.00*	44467	**80.4**	*0.41*	8.99	*0.05*
UK, England, Trent	107	**0.5**	*0.05*	0.05	*0.01*	16611	**82.0**	*0.69*	9.08	*0.08*
UK, England, West Midlands	154	**0.7**	*0.06*	0.08	*0.01*	17740	**80.9**	*0.66*	8.97	*0.08*
UK, Northern Ireland	37	**0.6**	*0.10*	0.07	*0.01*	4688	**76.5**	*1.19*	8.48	*0.14*
UK, Scotland	77	**0.4**	*0.04*	0.04	*0.01*	17137	**79.2**	*0.65*	8.79	*0.08*
Oceania										
Australia, New South Wales	160	**0.7**	*0.06*	0.08	*0.01*	19216	**83.1**	*0.63*	9.52	*0.08*
Australia, Northern Territory	3	**0.9**	*0.55*	0.20	*0.13*	277	**70.0**	*4.55*	7.98	*0.66*
Australia, Queensland	75	**0.6**	*0.07*	0.08	*0.01*	10449	**86.6**	*0.88*	10.06	*0.11*
Australia, South	37	**0.6**	*0.10*	0.08	*0.02*	4952	**87.5**	*1.31*	9.86	*0.16*
Australia, Tasmania	6	**0.3**	*0.13*	0.03	*0.02*	1405	**80.4**	*2.25*	9.35	*0.28*
Australia, Victoria	15	**0.1**	*0.02*	0.01	*0.00*	14383	**83.9**	*0.74*	9.63	*0.09*
Australia, Western	33	**0.5**	*0.09*	0.07	*0.01*	5228	**84.4**	*1.21*	9.55	*0.15*
Australian Capital Territory	7	**0.9**	*0.33*	0.10	*0.04*	906	**93.1**	*3.19*	10.69	*0.42*
French Polynesia	3	**0.8**	*0.48*	0.09	*0.06*	339	**75.1**	*4.19*	8.36	*0.54*
New Zealand	74	**0.5**	*0.07*	0.06	*0.01*	11339	**86.5**	*0.85*	9.67	*0.11*
USA, Hawaii	25	**0.6**	*0.13*	0.07	*0.02*	4078	**92.1**	*1.52*	10.77	*0.19*
USA, Hawaii: Chinese	3	**1.0**	*0.62*	0.09	*0.07*	241	**59.5**	*4.19*	6.84	*0.54*
USA, Hawaii: Filipino	0	**-**	-	-	-	433	**64.3**	*3.14*	7.18	*0.38*
USA, Hawaii: Hawaiian	5	**1.1**	*0.48*	0.11	*0.06*	667	**118.9**	*4.69*	14.05	*0.62*
USA, Hawaii: Japanese	4	**0.2**	*0.13*	0.01	*0.01*	1311	**107.5**	*3.38*	12.66	*0.40*
USA, Hawaii: White	12	**1.0**	*0.32*	0.15	*0.05*	1184	**105.6**	*3.24*	12.34	*0.43*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Vulva (C51)

	Male				Female			
	Cases	ASR(W)		CUM 0-74	Cases	ASR(W)		CUM 0-74	
Africa									
Algeria, Setif					1	**0.0**	*0.04*	-	- *
Egypt, Gharbiah					31	**0.7**	*0.13*	-	-
Tunisia, Centre, Sousse					4	**0.3**	*0.17*	-	- *
Uganda, Kyadondo County					7	**0.3**	*0.13*	-	- *
Zimbabwe, Harare: African					16	**0.7**	*0.21*	-	- *
America, Central and South									
Argentina, Bahia Blanca					6	**0.5**	*0.22*	0.06	*0.03*
Brazil, Brasilia					35	**1.4**	*0.24*	0.14	*0.04*
Brazil, Cuiaba					5	**0.8**	*0.39*	0.16	*0.08*
Brazil, Goiania					29	**1.5**	*0.29*	0.18	*0.04*
Brazil, Sao Paulo					474	**1.6**	*0.08*	0.17	*0.01*
Chile, Valdivia					5	**0.5**	*0.23*	0.05	*0.03*
Colombia, Cali					43	**0.9**	*0.15*	0.08	*0.02*
Costa Rica					59	**0.7**	*0.09*	0.07	*0.01*
Ecuador, Quito					11	**0.3**	*0.11*	0.04	*0.02*
France, La Martinique					10	**0.6**	*0.20*	0.05	*0.03*
Peru, Trujillo					21	**2.0**	*0.44*	0.23	*0.07**
America, North									
Canada (Excluding Quebec, Yukon and Nunavut)					1402	**1.4**	*0.04*	0.15	*0.01*
Canada, Alberta					153	**1.3**	*0.11*	0.14	*0.02*
Canada, British Columbia					228	**1.2**	*0.09*	0.12	*0.01*
Canada, Manitoba					60	**1.1**	*0.16*	0.11	*0.02*
Canada, New Brunswick					69	**2.3**	*0.30*	0.25	*0.04*
Canada, Newfoundland and Labrador					34	**1.5**	*0.28*	0.17	*0.04*
Canada, Northwest Territories					2	**1.9**	*1.32*	0.14	*0.10*
Canada, Nova Scotia					65	**1.5**	*0.21*	0.17	*0.03*
Canada, Ontario					724	**1.5**	*0.06*	0.15	*0.01*
Canada, Prince Edward Island					10	**1.9**	*0.67*	0.19	*0.08*
Canada, Saskatchewan					57	**1.2**	*0.19*	0.13	*0.02*
USA, Alabama					327	**1.7**	*0.11*	0.18	*0.01*
USA, Alabama: Black					45	**1.2**	*0.18*	0.12	*0.02*
USA, Alabama: White					274	**1.9**	*0.13*	0.19	*0.01*
USA, Alaska					28	**1.8**	*0.35*	0.19	*0.05*
USA, Arizona					251	**1.2**	*0.08*	0.12	*0.01*
USA, California					1594	**1.2**	*0.03*	0.13	*0.00*
USA, California: Asian and Pacific Islander					59	**0.4**	*0.05*	0.04	*0.01*
USA, California: Black					85	**1.1**	*0.13*	0.12	*0.02*
USA, California: Hispanic White					211	**1.0**	*0.07*	0.10	*0.01*
USA, California: Non-Hispanic White					1203	**1.4**	*0.05*	0.16	*0.01*
USA, California, Greater San Francisco Bay Area					337	**1.3**	*0.08*	0.14	*0.01*
USA, California, Greater San Francisco Bay Area: Black					20	**1.2**	*0.28*	0.11	*0.03*
USA, California, Greater San Francisco Bay Area: Chinese					9	**0.5**	*0.16*	0.07	*0.02*
USA, California, Greater San Francisco Bay Area: Filipino					8	**0.7**	*0.26*	0.09	*0.04*
USA, California, Greater San Francisco Bay Area: Japanese					2	**0.2**	*0.14*	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White					27	**0.9**	*0.19*	0.10	*0.03*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White					260	**1.7**	*0.12*	0.18	*0.02*
USA, California, Los Angeles County					402	**1.1**	*0.06*	0.13	*0.01*
USA, California, Los Angeles County: Black					42	**1.2**	*0.19*	0.13	*0.03*
USA, California, Los Angeles County: Chinese					2	**0.1**	*0.10*	0.02	*0.02*
USA, California, Los Angeles County: Filipino					3	**0.3**	*0.18*	0.04	*0.02*
USA, California, Los Angeles County: Japanese					4	**0.3**	*0.15*	0.03	*0.03*
USA, California, Los Angeles County: Korean					1	**0.1**	*0.10*	-	-
USA, California, Los Angeles County: Hispanic White					91	**1.0**	*0.11*	0.12	*0.02*
USA, California, Los Angeles County: Non-Hispanic White					250	**1.5**	*0.11*	0.17	*0.01*
USA, Colorado					197	**1.3**	*0.10*	0.15	*0.01*
USA, Connecticut					272	**1.5**	*0.11*	0.16	*0.01*
USA, Connecticut: Black					16	**1.5**	*0.38*	0.14	*0.05*
USA, Connecticut: White					253	**1.5**	*0.11*	0.16	*0.02*
USA, District of Columbia					39	**1.6**	*0.29*	0.16	*0.03*
USA, District of Columbia: Black					26	**1.8**	*0.38*	0.19	*0.04*
USA, District of Columbia: White					11	**0.9**	*0.34*	0.06	*0.04*
USA, Florida					1182	**1.5**	*0.05*	0.15	*0.01*
USA, Florida: Black					64	**0.9**	*0.11*	0.09	*0.01*
USA, Florida: White					1102	**1.6**	*0.06*	0.16	*0.01*
USA, Georgia					458	**1.5**	*0.08*	0.16	*0.01*
USA, Georgia: Black					69	**1.0**	*0.12*	0.11	*0.02*
USA, Georgia: White					383	**1.7**	*0.09*	0.18	*0.01*
USA, Georgia, Atlanta					145	**1.5**	*0.13*	0.16	*0.02*
USA, Georgia, Atlanta: Black					27	**0.9**	*0.19*	0.10	*0.03*
USA, Georgia, Atlanta: White					117	**1.8**	*0.18*	0.20	*0.03*
USA, Idaho					49	**0.9**	*0.14*	0.09	*0.02*
USA, Illinois					837	**1.5**	*0.06*	0.17	*0.01*
USA, Illinois: Black					79	**1.3**	*0.15*	0.14	*0.02*
USA, Illinois: White					728	**1.6**	*0.07*	0.17	*0.01*
USA, Indiana					403	**1.6**	*0.09*	0.17	*0.01*
USA, Iowa					266	**1.9**	*0.14*	0.21	*0.02*
USA, Kentucky					305	**1.8**	*0.11*	0.20	*0.01*
USA, Louisiana					321	**1.9**	*0.11*	0.20	*0.01*
USA, Louisiana: Black					73	**1.6**	*0.20*	0.18	*0.03*
USA, Louisiana: White					246	**2.0**	*0.14*	0.22	*0.02*
USA, Louisiana, New Orleans: Black					26	**2.0**	*0.40*	0.25	*0.06*
USA, Louisiana, New Orleans: White					51	**2.1**	*0.33*	0.22	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Vulva (C51) (contd)

	Male				Female			
	Cases	ASR(W)		CUM 0-74	Cases	ASR(W)		CUM 0-74	
America, North (contd)									
USA, Maine					134	**2.1**	*0.20*	0.24	*0.03*
USA, Massachusetts					470	**1.4**	*0.08*	0.15	*0.01*
USA, Michigan					736	**1.7**	*0.07*	0.18	*0.01*
USA, Michigan: Black					55	**1.2**	*0.17*	0.11	*0.02*
USA, Michigan: White					669	**1.8**	*0.08*	0.19	*0.01*
USA, Michigan, Detroit					318	**1.8**	*0.11*	0.18	*0.01*
USA, Michigan, Detroit: Black					37	**1.1**	*0.18*	0.10	*0.02*
USA, Michigan, Detroit: White					277	**2.0**	*0.14*	0.21	*0.02*
USA, Missouri					396	**1.6**	*0.09*	0.17	*0.01*
USA, Missouri: Black					24	**1.2**	*0.26*	0.14	*0.03*
USA, Missouri: White					372	**1.7**	*0.10*	0.18	*0.01*
USA, Montana					50	**1.3**	*0.20*	0.13	*0.02*
USA, NPCR					14291	**1.5**	*0.01*	0.16	*0.00*
USA, NPCR: Black					985	**1.1**	*0.04*	0.12	*0.00*
USA, NPCR: White					12897	**1.5**	*0.02*	0.16	*0.00*
USA, New Jersey					633	**1.5**	*0.07*	0.17	*0.01*
USA, New Jersey: Black					62	**1.5**	*0.19*	0.17	*0.03*
USA, New Jersey: White					560	**1.6**	*0.08*	0.18	*0.01*
USA, New Mexico					91	**1.2**	*0.14*	0.12	*0.02*
USA, New Mexico: American Indian					4	**0.8**	*0.41*	0.07	*0.04*
USA, New Mexico: Hispanic White					20	**0.8**	*0.19*	0.07	*0.02*
USA, New Mexico: Non-Hispanic White					67	**1.6**	*0.23*	0.16	*0.03*
USA, New York State					1307	**1.4**	*0.05*	0.16	*0.01*
USA, New York State: Black					107	**1.0**	*0.10*	0.12	*0.01*
USA, New York State: White					1182	**1.6**	*0.05*	0.17	*0.01*
USA, Ohio					820	**1.5**	*0.06*	0.16	*0.01*
USA, Ohio: Black					42	**0.9**	*0.14*	0.09	*0.02*
USA, Ohio: White					753	**1.6**	*0.07*	0.17	*0.01*
USA, Oklahoma					221	**1.5**	*0.11*	0.16	*0.01*
USA, Oregon					238	**1.6**	*0.12*	0.18	*0.02*
USA, Pennsylvania					1081	**1.7**	*0.06*	0.18	*0.01*
USA, Pennsylvania: Black					62	**1.5**	*0.20*	0.16	*0.02*
USA, Pennsylvania: White					999	**1.7**	*0.06*	0.17	*0.01*
USA, Rhode Island					114	**2.2**	*0.24*	0.25	*0.03*
USA, SEER (9 Registries)					1684	**1.5**	*0.04*	0.16	*0.01*
USA, SEER (9 Registries): Black					114	**1.2**	*0.11*	0.11	*0.01*
USA, SEER (9 Registries): White					1497	**1.6**	*0.05*	0.17	*0.01*
USA, SEER (14 Registries)					4323	**1.4**	*0.02*	0.15	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander					106	**0.5**	*0.05*	0.05	*0.01*
USA, SEER (14 Registries): Black					326	**1.3**	*0.07*	0.14	*0.01*
USA, SEER (14 Registries): Hispanic White					300	**1.1**	*0.06*	0.11	*0.01*
USA, SEER (14 Registries): Non-Hispanic White					3530	**1.6**	*0.03*	0.18	*0.00*
USA, South Carolina					264	**1.5**	*0.10*	0.16	*0.01*
USA, South Carolina: Black					51	**1.3**	*0.19*	0.14	*0.02*
USA, South Carolina: White					210	**1.6**	*0.12*	0.17	*0.02*
USA, Texas					941	**1.3**	*0.04*	0.14	*0.01*
USA, Texas: Black					65	**0.9**	*0.11*	0.10	*0.02*
USA, Texas: White					848	**1.3**	*0.05*	0.14	*0.01*
USA, Utah					81	**1.2**	*0.14*	0.12	*0.02*
USA, Vermont					46	**1.6**	*0.26*	0.18	*0.04*
USA, Washington State					344	**1.5**	*0.09*	0.16	*0.01*
USA, Washington, Seattle					235	**1.5**	*0.10*	0.15	*0.01*
USA, West Virginia					157	**1.7**	*0.15*	0.18	*0.02*
USA, Wisconsin					335	**1.3**	*0.08*	0.14	*0.01*
Asia									
Bahrain: Bahraini					1	**0.2**	*0.19*	0.02	*0.02*
China, Guangzhou City					18	**0.3**	*0.06*	0.03	*0.01**
China, Hong Kong									
China, Jiashan					2	**0.1**	*0.10*	0.01	*0.01**
China, Nangang District, Harbin City					0	**-**	-	-	-
China, Shanghai					99	**0.3**	*0.04*	0.04	*0.01**
China, Zhongshan					7	**0.2**	*0.08*	0.02	*0.01**
Cyprus					37	**1.3**	*0.22*	0.15	*0.03**
India, Chennai (Madras)					53	**0.6**	*0.09*	0.09	*0.01*
India, New Delhi					82	**0.5**	*0.06*	0.06	*0.01**
India, Karunagappally					1	**0.1**	*0.09*	-	-
India, Mumbai (Bombay)					65	**0.3**	*0.04*	0.04	*0.01*
India, Nagpur					28	**0.7**	*0.14*	0.09	*0.02**
India, Poona					8	**0.1**	*0.05*	0.02	*0.01**
India, Trivandrum					10	**0.3**	*0.11*	0.05	*0.02**
Israel					240	**1.0**	*0.07*	0.11	*0.01*
Israel: Jews					233	**1.1**	*0.08*	0.12	*0.01*
Israel: Non-Jews					3	**0.2**	*0.11*	0.03	*0.02*
Japan, Aichi Prefecture					8	**0.2**	*0.07*	0.02	*0.01*
Japan, Fukui Prefecture					15	**0.2**	*0.07*	0.02	*0.01*
Japan, Hiroshima					33	**0.5**	*0.10*	0.05	*0.01*
Japan, Miyagi Prefecture					39	**0.2**	*0.04*	0.03	*0.01*
Japan, Nagasaki Prefecture					35	**0.3**	*0.05*	0.03	*0.01*
Japan, Osaka Prefecture					111	**0.2**	*0.02*	0.02	*0.00*
Japan, Yamagata Prefecture					21	**0.2**	*0.05*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Vulva (C51) (contd)

	Male			Female				
	Cases	ASR(W)	CUM 0-74	Cases	ASR(W)		CUM 0-74	
Asia (contd)								
Korea				261	**0.2**	*0.01*	0.03	*0.00*
Korea, Busan				25	**0.2**	*0.05*	0.03	*0.01*
Korea, Daegu				21	**0.3**	*0.07*	0.04	*0.01*
Korea, Daejeon				4	**0.1**	*0.06*	0.01	*0.01*
Korea, Gwangju				9	**0.3**	*0.09*	0.04	*0.01*
Korea, Incheon				18	**0.3**	*0.07*	0.03	*0.01*
Korea, Jejudo				1	**0.1**	*0.06*	-	-
Korea, Seoul				69	**0.3**	*0.03*	0.04	*0.01*
Korea, Ulsan				1	**0.0**	*0.04*	-	-
Kuwait: Kuwaitis				3	**0.3**	*0.19*	0.04	*0.03*
Kuwait: Non-Kuwaitis				2	**0.1**	*0.13*	0.02	*0.02*
Malaysia, Penang				12	**0.5**	*0.16*	0.07	*0.02*
Malaysia, Sarawak				7	**0.2**	*0.07*	0.02	*0.01*
Oman: Omani				3	**0.2**	*0.14*	0.06	*0.03**
Pakistan, South Karachi				3	**0.1**	*0.07*	0.01	*0.01**
Philippines, Manila				30	**0.4**	*0.08*	0.05	*0.01**
Singapore				53	**0.6**	*0.08*	0.07	*0.01*
Singapore: Chinese				50	**0.7**	*0.10*	0.08	*0.01*
Singapore: Indian				0	**-**	-	-	-
Singapore: Malay				3	**0.3**	*0.20*	0.03	*0.03*
Thailand, Chiang Mai				50	**1.2**	*0.17*	0.12	*0.02**
Thailand, Lampang				18	**0.7**	*0.18*	0.08	*0.02**
Thailand, Songkhla				14	**0.5**	*0.12*	0.05	*0.02*
Turkey, Antalya				17	**0.6**	*0.14*	0.07	*0.02**
Turkey, Izmir				42	**0.5**	*0.08*	0.06	*0.01**
Europe								
Austria				674	**1.4**	*0.06*	0.15	*0.01*
Austria, Tyrol				60	**1.6**	*0.24*	0.19	*0.04*
Austria, Vorarlberg				20	**1.0**	*0.26*	0.08	*0.03*
Belarus				691	**1.2**	*0.05*	0.15	*0.01**
Belgium, Antwerp				109	**1.1**	*0.12*	0.10	*0.01**
Belgium, Flanders				303	**1.2**	*0.08*	0.12	*0.01*
Bulgaria				502	**1.2**	*0.06*	0.14	*0.01**
Croatia				313	**1.2**	*0.08*	0.14	*0.01*
Czech Republic				961	**1.8**	*0.06*	0.19	*0.01*
Denmark				429	**1.5**	*0.08*	0.15	*0.01*
Estonia				163	**1.9**	*0.16*	0.22	*0.02*
Finland				365	**1.2**	*0.07*	0.13	*0.01*
France, Bas-Rhin				63	**1.2**	*0.17*	0.13	*0.02*
France, Calvados				28	**0.8**	*0.17*	0.08	*0.02*
France, Doubs				34	**1.3**	*0.25*	0.14	*0.03*
France, Haut-Rhin				41	**1.0**	*0.18*	0.14	*0.03*
France, Herault				42	**0.8**	*0.14*	0.08	*0.02*
France, Isere				60	**1.2**	*0.17*	0.12	*0.02*
France, Loire-Atlantique				45	**0.6**	*0.11*	0.06	*0.01*
France, Manche				23	**0.5**	*0.13*	0.05	*0.02*
France, Somme				31	**0.9**	*0.20*	0.10	*0.03*
France, Tarn				12	**0.3**	*0.12*	0.01	*0.01*
France, Vendee				19	**0.6**	*0.17*	0.06	*0.02*
Germany, Brandenburg				254	**1.7**	*0.12*	0.19	*0.02*
Germany, Free State of Saxony				487	**1.6**	*0.09*	0.17	*0.01*
Germany, Hamburg				108	**0.8**	*0.10*	0.09	*0.01*
Germany, Mecklenburg-Western Pomerania				163	**1.6**	*0.14*	0.20	*0.02*
Germany, Munich				194	**1.4**	*0.11*	0.14	*0.02*
Germany, Northrhine-Westphalia: Munster				215	**1.4**	*0.11*	0.14	*0.01*
Germany, Saarland				101	**1.4**	*0.16*	0.15	*0.02*
Iceland				12	**1.0**	*0.32*	0.09	*0.04*
Ireland				185	**1.2**	*0.10*	0.12	*0.01*
Italy, Biella Province				19	**1.0**	*0.29*	0.09	*0.04*
Italy, Brescia Province				47	**1.2**	*0.20*	0.13	*0.03*
Italy, Ferrara Province				49	**1.4**	*0.25*	0.14	*0.03*
Italy, Florence and Prato				122	**1.3**	*0.14*	0.16	*0.02*
Italy, Genoa Province				61	**1.2**	*0.19*	0.14	*0.03*
Italy, Macerata Province				26	**2.0**	*0.47*	0.22	*0.06*
Italy, Milan				94	**1.0**	*0.14*	0.09	*0.02*
Italy, Modena Province				49	**0.9**	*0.15*	0.09	*0.02*
Italy, Naples				32	**1.7**	*0.31*	0.22	*0.05*
Italy, North East Cancer Surveillance Network				208	**1.4**	*0.12*	0.16	*0.02*
Italy, Parma Province				39	**1.2**	*0.25*	0.12	*0.03*
Italy, Ragusa Province				17	**0.9**	*0.24*	0.11	*0.04*
Italy, Reggio Emilia Province				58	**1.8**	*0.29*	0.21	*0.04*
Italy, Romagna Region				105	**1.4**	*0.16*	0.16	*0.02*
Italy, Salerno Province				78	**1.5**	*0.19*	0.18	*0.03*
Italy, Sassari Province				16	**0.5**	*0.13*	0.04	*0.02*
Italy, Syracuse Province				29	**1.4**	*0.29*	0.18	*0.05*
Italy, Sondrio				9	**0.7**	*0.29*	0.06	*0.03*
Italy, Torino				79	**1.1**	*0.15*	0.13	*0.02*
Italy, Umbria Region				106	**1.6**	*0.19*	0.17	*0.03*
Italy, Varese Province				40	**1.2**	*0.21*	0.15	*0.03*
Italy, Veneto Region				165	**1.3**	*0.12*	0.14	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors
Vulva (C51) (contd)

	Male				Female			
	Cases	ASR(W)		CUM 0-74	Cases	ASR(W)		CUM 0-74	
Europe (contd)									
Latvia					206	**1.4**	*0.11*	0.16	*0.01*
Lithuania					259	**1.3**	*0.09*	0.16	*0.01*
Malta					57	**3.5**	*0.49*	0.40	*0.07*
Norway					373	**1.5**	*0.09*	0.14	*0.01*
Poland, Cracow					40	**1.0**	*0.17*	0.11	*0.02**
Poland, Kielce					98	**1.4**	*0.16*	0.15	*0.02*
Poland, Warsaw City					82	**0.9**	*0.11*	0.10	*0.01*
Portugal, Porto					222	**1.4**	*0.10*	0.16	*0.01**
Portugal, South Regional					162	**1.0**	*0.08*	0.10	*0.01*
Russia, St Petersburg					436	**1.4**	*0.07*	0.15	*0.01*
Serbia					335	**1.5**	*0.09*	0.19	*0.01*
Slovak Republic					343	**1.4**	*0.08*	0.15	*0.01*
Slovenia					172	**1.7**	*0.14*	0.18	*0.02*
Spain, Albacete					15	**0.7**	*0.21*	0.05	*0.03*
Spain, Asturias					83	**1.1**	*0.14*	0.11	*0.02*
Spain, Basque Country					115	**1.0**	*0.11*	0.11	*0.02*
Spain, Canary Islands					57	**0.9**	*0.12*	0.11	*0.02*
Spain, Cuenca					19	**1.2**	*0.33*	0.17	*0.05*
Spain, Girona					36	**1.1**	*0.21*	0.12	*0.03*
Spain, Granada					51	**1.1**	*0.17*	0.12	*0.02*
Spain, Murcia					75	**1.3**	*0.16*	0.13	*0.02*
Spain, Navarra					56	**1.7**	*0.27*	0.21	*0.04*
Spain, Tarragona					29	**1.1**	*0.23*	0.12	*0.03*
Spain, Zaragoza					65	**1.0**	*0.15*	0.11	*0.02*
Sweden					766	**1.5**	*0.06*	0.16	*0.01*
Switzerland, Geneva					25	**0.9**	*0.21*	0.08	*0.03*
Switzerland, Graubunden and Glarus					20	**1.6**	*0.42*	0.15	*0.05*
Switzerland, Neuchatel					10	**0.9**	*0.35*	0.12	*0.05*
Switzerland, St Gall-Appenzell					27	**1.1**	*0.23*	0.11	*0.03*
Switzerland, Ticino					32	**1.4**	*0.28*	0.16	*0.04*
Switzerland, Valais					9	**0.5**	*0.18*	0.07	*0.03*
Switzerland, Vaud					44	**1.2**	*0.21*	0.13	*0.03*
The Netherlands					1220	**1.4**	*0.05*	0.16	*0.01*
The Netherlands, Eindhoven					87	**1.6**	*0.19*	0.17	*0.03*
The Netherlands, Maastricht					60	**1.2**	*0.18*	0.15	*0.03*
UK, East of England Region					254	**1.5**	*0.11*	0.16	*0.02*
UK, England, Merseyside and Cheshire					212	**1.5**	*0.12*	0.14	*0.01*
UK, England, North Western					372	**1.7**	*0.10*	0.19	*0.01*
UK, England, Northern and Yorkshire					637	**1.8**	*0.08*	0.18	*0.01*
UK, England, Oxford Region					179	**1.3**	*0.11*	0.14	*0.01*
UK, England, South and Western Regions					690	**1.6**	*0.07*	0.18	*0.01*
UK, England, Thames					906	**1.2**	*0.05*	0.12	*0.01*
UK, England, Trent					462	**1.6**	*0.09*	0.17	*0.01*
UK, England, West Midlands					531	**1.8**	*0.09*	0.20	*0.01*
UK, Northern Ireland					124	**1.6**	*0.16*	0.17	*0.02*
UK, Scotland					445	**1.6**	*0.09*	0.16	*0.01*
Oceania									
Australia, New South Wales					394	**1.3**	*0.07*	0.14	*0.01*
Australia, Northern Territory					16	**3.3**	*0.87*	0.23	*0.07*
Australia, Queensland					175	**1.3**	*0.10*	0.14	*0.01*
Australia, South					96	**1.1**	*0.13*	0.11	*0.02*
Australia, Tasmania					45	**1.9**	*0.31*	0.21	*0.04*
Australia, Victoria					253	**1.1**	*0.08*	0.12	*0.01*
Australia, Western					90	**1.2**	*0.13*	0.13	*0.02*
Australian Capital Territory					10	**0.9**	*0.28*	0.09	*0.04*
French Polynesia					2	**0.4**	*0.31*	0.08	*0.07*
New Zealand					231	**1.4**	*0.10*	0.14	*0.01*
USA, Hawaii					51	**0.9**	*0.15*	0.10	*0.02*
USA, Hawaii: Chinese					4	**0.8**	*0.43*	0.12	*0.07*
USA, Hawaii: Filipino					5	**0.6**	*0.30*	0.05	*0.03*
USA, Hawaii: Hawaiian					5	**0.9**	*0.43*	0.13	*0.07*
USA, Hawaii: Japanese					13	**0.5**	*0.18*	0.05	*0.03*
USA, Hawaii: White					20	**1.6**	*0.41*	0.17	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Vagina (C52)

	Male			Female				
	Cases	ASR(W)	CUM 0-74	Cases	ASR(W)		CUM 0-74	
Africa								
Algeria, Setif				4	**0.2**	*0.11*	-	- *
Egypt, Gharbiah				12	**0.2**	*0.07*	-	-
Tunisia, Centre, Sousse				4	**0.4**	*0.20*	-	- *
Uganda, Kyadondo County				6	**0.6**	*0.29*	-	- *
Zimbabwe, Harare: African				6	**0.3**	*0.11*	-	- *
America, Central and South								
Argentina, Bahia Blanca				9	**1.0**	*0.33*	0.10	*0.04*
Brazil, Brasilia				37	**1.5**	*0.26*	0.18	*0.04*
Brazil, Cuiaba				6	**0.8**	*0.35*	0.13	*0.07*
Brazil, Goiania				12	**0.6**	*0.17*	0.01	*0.01*
Brazil, Sao Paulo				255	**0.9**	*0.06*	0.11	*0.01*
Chile, Valdivia				4	**0.4**	*0.19*	0.02	*0.01*
Colombia, Cali				38	**0.7**	*0.13*	0.06	*0.02*
Costa Rica				25	**0.3**	*0.06*	0.03	*0.01*
Ecuador, Quito				11	**0.3**	*0.11*	0.03	*0.01*
France, La Martinique				13	**0.9**	*0.26*	0.11	*0.04*
Peru, Trujillo				2	**0.2**	*0.11*	0.01	*0.01**
America, North								
Canada (Excluding Quebec, Yukon and Nunavut)				440	**0.4**	*0.02*	0.05	*0.00*
Canada, Alberta				60	**0.6**	*0.08*	0.06	*0.01*
Canada, British Columbia				70	**0.4**	*0.05*	0.04	*0.01*
Canada, Manitoba				19	**0.3**	*0.09*	0.04	*0.01*
Canada, New Brunswick				12	**0.4**	*0.12*	0.04	*0.02*
Canada, Newfoundland and Labrador				11	**0.4**	*0.13*	0.03	*0.01*
Canada, Northwest Territories				0	**-**	-	-	-
Canada, Nova Scotia				24	**0.5**	*0.12*	0.06	*0.02*
Canada, Ontario				226	**0.5**	*0.03*	0.05	*0.00*
Canada, Prince Edward Island				4	**0.9**	*0.44*	0.09	*0.04*
Canada, Saskatchewan				14	**0.3**	*0.10*	0.03	*0.01*
USA, Alabama				102	**0.5**	*0.06*	0.05	*0.01*
USA, Alabama: Black				22	**0.5**	*0.11*	0.05	*0.01*
USA, Alabama: White				78	**0.5**	*0.06*	0.06	*0.01*
USA, Alaska				8	**0.6**	*0.21*	0.07	*0.03*
USA, Arizona				70	**0.3**	*0.04*	0.04	*0.01*
USA, California				580	**0.5**	*0.02*	0.05	*0.00*
USA, California: Asian and Pacific Islander				58	**0.4**	*0.06*	0.04	*0.01*
USA, California: Black				48	**0.7**	*0.11*	0.10	*0.02*
USA, California: Hispanic White				109	**0.6**	*0.06*	0.07	*0.01*
USA, California: Non-Hispanic White				356	**0.4**	*0.03*	0.05	*0.00*
USA, California, Greater San Francisco Bay Area				112	**0.4**	*0.05*	0.05	*0.01*
USA, California, Greater San Francisco Bay Area: Black				9	**0.6**	*0.21*	0.08	*0.03*
USA, California, Greater San Francisco Bay Area: Chinese				2	**0.1**	*0.10*	0.02	*0.01*
USA, California, Greater San Francisco Bay Area: Filipino				7	**0.5**	*0.21*	0.05	*0.02*
USA, California, Greater San Francisco Bay Area: Japanese				2	**0.4**	*0.33*	0.03	*0.03*
USA, California, Greater San Francisco Bay Area: Hispanic White				15	**0.6**	*0.16*	0.08	*0.03*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White				67	**0.4**	*0.05*	0.04	*0.01*
USA, California, Los Angeles County				164	**0.5**	*0.04*	0.06	*0.01*
USA, California, Los Angeles County: Black				24	**0.8**	*0.16*	0.12	*0.03*
USA, California, Los Angeles County: Chinese				6	**0.4**	*0.18*	0.04	*0.02*
USA, California, Los Angeles County: Filipino				0	**-**	-	-	-
USA, California, Los Angeles County: Japanese				1	**0.3**	*0.25*	0.03	*0.03*
USA, California, Los Angeles County: Korean				4	**0.5**	*0.25*	0.03	*0.02*
USA, California, Los Angeles County: Hispanic White				59	**0.8**	*0.10*	0.08	*0.01*
USA, California, Los Angeles County: Non-Hispanic White				62	**0.4**	*0.06*	0.05	*0.01*
USA, Colorado				73	**0.5**	*0.06*	0.05	*0.01*
USA, Connecticut				61	**0.4**	*0.05*	0.04	*0.01*
USA, Connecticut: Black				7	**0.7**	*0.29*	0.07	*0.03*
USA, Connecticut: White				51	**0.3**	*0.05*	0.04	*0.01*
USA, District of Columbia				23	**0.9**	*0.20*	0.10	*0.03*
USA, District of Columbia: Black				15	**0.8**	*0.23*	0.08	*0.03*
USA, District of Columbia: White				7	**1.0**	*0.40*	0.14	*0.07*
USA, Florida				375	**0.5**	*0.03*	0.06	*0.00*
USA, Florida: Black				49	**0.7**	*0.10*	0.08	*0.01*
USA, Florida: White				320	**0.5**	*0.03*	0.05	*0.00*
USA, Georgia				188	**0.6**	*0.05*	0.06	*0.01*
USA, Georgia: Black				58	**0.8**	*0.11*	0.09	*0.02*
USA, Georgia: White				128	**0.6**	*0.06*	0.06	*0.01*
USA, Georgia, Atlanta				46	**0.5**	*0.08*	0.04	*0.01*
USA, Georgia, Atlanta: Black				18	**0.7**	*0.17*	0.08	*0.02*
USA, Georgia, Atlanta: White				28	**0.4**	*0.09*	0.03	*0.01*
USA, Idaho				17	**0.3**	*0.09*	0.04	*0.01*
USA, Illinois				239	**0.5**	*0.03*	0.05	*0.00*
USA, Illinois: Black				61	**0.9**	*0.12*	0.08	*0.01*
USA, Illinois: White				170	**0.4**	*0.03*	0.04	*0.00*
USA, Indiana				127	**0.5**	*0.05*	0.06	*0.01*
USA, Iowa				60	**0.4**	*0.06*	0.04	*0.01*
USA, Kentucky				100	**0.6**	*0.06*	0.07	*0.01*
USA, Louisiana				118	**0.7**	*0.07*	0.07	*0.01*
USA, Louisiana: Black				44	**1.0**	*0.16*	0.10	*0.02*
USA, Louisiana: White				74	**0.6**	*0.08*	0.06	*0.01*
USA, Louisiana, New Orleans: Black				13	**1.1**	*0.32*	0.15	*0.04*
USA, Louisiana, New Orleans: White				13	**0.7**	*0.25*	0.07	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors
Vagina (C52) (contd)

	Male				Female			
	Cases	ASR(W)		CUM 0-74	Cases	ASR(W)		CUM 0-74
America, North (contd)								
USA, Maine					34	**0.5**	*0.10*	0.05 *0.01*
USA, Massachusetts					127	**0.4**	*0.04*	0.04 *0.01*
USA, Michigan					242	**0.6**	*0.04*	0.07 *0.01*
USA, Michigan: Black					43	**1.0**	*0.16*	0.11 *0.02*
USA, Michigan: White					194	**0.6**	*0.04*	0.06 *0.01*
USA, Michigan, Detroit					102	**0.6**	*0.07*	0.07 *0.01*
USA, Michigan, Detroit: Black					30	**0.8**	*0.16*	0.09 *0.02*
USA, Michigan, Detroit: White					70	**0.6**	*0.08*	0.07 *0.01*
USA, Missouri					96	**0.4**	*0.05*	0.05 *0.01*
USA, Missouri: Black					20	**0.9**	*0.21*	0.08 *0.02*
USA, Missouri: White					75	**0.4**	*0.05*	0.04 *0.01*
USA, Montana					16	**0.6**	*0.17*	0.06 *0.02*
USA, NPCR					4543	**0.5**	*0.01*	0.05 *0.00*
USA, NPCR: Black					672	**0.7**	*0.03*	0.08 *0.00*
USA, NPCR: White					3689	**0.5**	*0.01*	0.05 *0.00*
USA, New Jersey					163	**0.5**	*0.04*	0.05 *0.01*
USA, New Jersey: Black					28	**0.7**	*0.14*	0.08 *0.02*
USA, New Jersey: White					127	**0.4**	*0.04*	0.05 *0.01*
USA, New Mexico					35	**0.5**	*0.09*	0.06 *0.01*
USA, New Mexico: American Indian					4	**1.0**	*0.49*	0.17 *0.10*
USA, New Mexico: Hispanic White					12	**0.6**	*0.18*	0.09 *0.03*
USA, New Mexico: Non-Hispanic White					18	**0.4**	*0.10*	0.04 *0.01*
USA, New York State					371	**0.5**	*0.03*	0.05 *0.00*
USA, New York State: Black					68	**0.7**	*0.09*	0.08 *0.01*
USA, New York State: White					294	**0.4**	*0.03*	0.05 *0.00*
USA, Ohio					232	**0.5**	*0.03*	0.05 *0.00*
USA, Ohio: Black					35	**0.8**	*0.14*	0.08 *0.02*
USA, Ohio: White					189	**0.4**	*0.03*	0.05 *0.00*
USA, Oklahoma					67	**0.5**	*0.06*	0.05 *0.01*
USA, Oregon					64	**0.4**	*0.06*	0.05 *0.01*
USA, Pennsylvania					276	**0.4**	*0.03*	0.05 *0.00*
USA, Pennsylvania: Black					29	**0.5**	*0.11*	0.05 *0.01*
USA, Pennsylvania: White					240	**0.4**	*0.03*	0.05 *0.00*
USA, Rhode Island					23	**0.5**	*0.13*	0.05 *0.01*
USA, SEER (9 Registries)					486	**0.5**	*0.02*	0.05 *0.00*
USA, SEER (9 Registries): Black					71	**0.8**	*0.10*	0.09 *0.01*
USA, SEER (9 Registries): White					379	**0.4**	*0.02*	0.05 *0.00*
USA, SEER (14 Registries)					1376	**0.5**	*0.01*	0.05 *0.00*
USA, SEER (14 Registries): Asian and Pacific Islander					81	**0.4**	*0.04*	0.04 *0.01*
USA, SEER (14 Registries): Black					196	**0.8**	*0.06*	0.09 *0.01*
USA, SEER (14 Registries): Hispanic White					150	**0.6**	*0.05*	0.07 *0.01*
USA, SEER (14 Registries): Non-Hispanic White					929	**0.4**	*0.02*	0.05 *0.00*
USA, South Carolina					87	**0.5**	*0.06*	0.06 *0.01*
USA, South Carolina: Black					22	**0.5**	*0.11*	0.06 *0.02*
USA, South Carolina: White					59	**0.5**	*0.07*	0.05 *0.01*
USA, Texas					422	**0.6**	*0.03*	0.06 *0.00*
USA, Texas: Black					59	**0.7**	*0.10*	0.07 *0.01*
USA, Texas: White					351	**0.5**	*0.03*	0.06 *0.00*
USA, Utah					18	**0.3**	*0.07*	0.03 *0.01*
USA, Vermont					15	**0.5**	*0.14*	0.06 *0.02*
USA, Washington State					102	**0.4**	*0.05*	0.05 *0.01*
USA, Washington, Seattle					71	**0.5**	*0.06*	0.05 *0.01*
USA, West Virginia					49	**0.6**	*0.10*	0.06 *0.01*
USA, Wisconsin					97	**0.4**	*0.05*	0.04 *0.01*
Asia								
Bahrain: Bahraini					2	**0.4**	*0.26*	0.09 *0.07*
China, Guangzhou City					13	**0.2**	*0.06*	0.02 *0.01**
China, Hong Kong								
China, Jiashan					1	**0.1**	*0.06*	0.02 *0.02**
China, Nangang District, Harbin City					3	**0.1**	*0.06*	0.01 *0.01*
China, Shanghai					48	**0.2**	*0.03*	0.02 *0.00**
China, Zhongshan					6	**0.2**	*0.08*	0.02 *0.01**
Cyprus					5	**0.2**	*0.10*	0.03 *0.01**
India, Chennai (Madras)					71	**0.8**	*0.10*	0.10 *0.01*
India, New Delhi					85	**0.5**	*0.06*	0.06 *0.01**
India, Karunagappally					6	**0.7**	*0.28*	0.09 *0.04*
India, Mumbai (Bombay)					127	**0.6**	*0.06*	0.08 *0.01*
India, Nagpur					0	**-**	-	- - *
India, Poona					45	**0.7**	*0.11*	0.08 *0.01**
India, Trivandrum					7	**0.2**	*0.09*	0.03 *0.01**
Israel					62	**0.3**	*0.04*	0.03 *0.01*
Israel: Jews					59	**0.3**	*0.04*	0.03 *0.01*
Israel: Non-Jews					3	**0.2**	*0.10*	0.02 *0.01*
Japan, Aichi Prefecture					0	**-**	-	- -
Japan, Fukui Prefecture					9	**0.1**	*0.06*	0.01 *0.01*
Japan, Hiroshima					10	**0.3**	*0.11*	0.03 *0.01*
Japan, Miyagi Prefecture					23	**0.2**	*0.04*	0.02 *0.01*
Japan, Nagasaki Prefecture					20	**0.2**	*0.06*	0.02 *0.01*
Japan, Osaka Prefecture					69	**0.1**	*0.02*	0.01 *0.00*
Japan, Yamagata Prefecture					14	**0.3**	*0.08*	0.02 *0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Vagina (C52) (contd)

	Male			Female				
	Cases	ASR(W)	CUM 0-74	Cases	ASR(W)		CUM 0-74	
Asia (contd)								
Korea				207	**0.2**	*0.01*	0.02	*0.00*
Korea, Busan				12	**0.1**	*0.04*	0.01	*0.00*
Korea, Daegu				32	**0.5**	*0.08*	0.06	*0.01*
Korea, Daejeon				6	**0.2**	*0.08*	0.02	*0.01*
Korea, Gwangju				9	**0.3**	*0.09*	0.04	*0.01*
Korea, Incheon				15	**0.2**	*0.06*	0.04	*0.01*
Korea, Jejudo				1	**0.1**	*0.06*	-	-
Korea, Seoul				63	**0.2**	*0.03*	0.03	*0.00*
Korea, Ulsan				4	**0.2**	*0.12*	0.02	*0.01*
Kuwait: Kuwaitis				3	**0.3**	*0.18*	0.05	*0.03*
Kuwait: Non-Kuwaitis				2	**0.0**	*0.03*	0.00	*0.00*
Malaysia, Penang				9	**0.4**	*0.14*	0.06	*0.02*
Malaysia, Sarawak				3	**0.1**	*0.04*	0.01	*0.00*
Oman: Omani				6	**0.3**	*0.15*	0.04	*0.02**
Pakistan, South Karachi				6	**0.3**	*0.14*	0.03	*0.02**
Philippines, Manila				27	**0.3**	*0.07*	0.04	*0.01**
Singapore				40	**0.4**	*0.07*	0.05	*0.01*
Singapore: Chinese				37	**0.5**	*0.08*	0.06	*0.01*
Singapore: Indian				0	**-**	-	-	-
Singapore: Malay				3	**0.3**	*0.17*	0.05	*0.03*
Thailand, Chiang Mai				15	**0.4**	*0.09*	0.04	*0.01**
Thailand, Lampang				3	**0.1**	*0.07*	-	- *
Thailand, Songkhla				12	**0.4**	*0.11*	0.03	*0.01*
Turkey, Antalya				3	**0.1**	*0.06*	0.02	*0.01**
Turkey, Izmir				16	**0.2**	*0.05*	0.02	*0.01**
Europe								
Austria				171	**0.4**	*0.03*	0.04	*0.00*
Austria, Tyrol				6	**0.2**	*0.10*	0.02	*0.01*
Austria, Vorarlberg				8	**0.7**	*0.25*	0.08	*0.03*
Belarus				131	**0.3**	*0.03*	0.03	*0.00**
Belgium, Antwerp				31	**0.4**	*0.08*	0.06	*0.01**
Belgium, Flanders				102	**0.5**	*0.05*	0.05	*0.01*
Bulgaria				150	**0.4**	*0.04*	0.05	*0.00**
Croatia				73	**0.4**	*0.05*	0.04	*0.01*
Czech Republic				239	**0.5**	*0.03*	0.06	*0.00*
Denmark				125	**0.4**	*0.04*	0.05	*0.01*
Estonia				45	**0.6**	*0.10*	0.07	*0.01*
Finland				91	**0.3**	*0.04*	0.03	*0.00*
France, Bas-Rhin				23	**0.4**	*0.10*	0.04	*0.01*
France, Calvados				9	**0.3**	*0.11*	0.03	*0.01*
France, Doubs				8	**0.3**	*0.12*	0.02	*0.01*
France, Haut-Rhin				22	**0.5**	*0.12*	0.05	*0.02*
France, Herault				15	**0.4**	*0.13*	0.03	*0.01*
France, Isere				9	**0.2**	*0.07*	0.02	*0.01*
France, Loire-Atlantique				21	**0.5**	*0.12*	0.05	*0.01*
France, Manche				4	**0.1**	*0.03*	-	-
France, Somme				11	**0.4**	*0.14*	0.04	*0.02*
France, Tarn				3	**0.2**	*0.11*	0.03	*0.02*
France, Vendee				6	**0.1**	*0.07*	0.02	*0.01*
Germany, Brandenburg				72	**0.5**	*0.06*	0.05	*0.01*
Germany, Free State of Saxony				155	**0.5**	*0.05*	0.06	*0.01*
Germany, Hamburg				50	**0.5**	*0.08*	0.06	*0.01*
Germany, Mecklenburg-Western Pomerania				53	**0.5**	*0.08*	0.05	*0.01*
Germany, Munich				43	**0.4**	*0.07*	0.04	*0.01*
Germany, Northrhine-Westphalia: Munster				72	**0.5**	*0.08*	0.05	*0.01*
Germany, Saarland				19	**0.2**	*0.06*	0.02	*0.01*
Iceland				3	**0.2**	*0.15*	0.01	*0.01*
Ireland				43	**0.3**	*0.05*	0.03	*0.01*
Italy, Biella Province				2	**0.1**	*0.04*	-	-
Italy, Brescia Province				19	**0.6**	*0.15*	0.08	*0.02*
Italy, Ferrara Province				14	**0.6**	*0.19*	0.07	*0.02*
Italy, Florence and Prato				25	**0.2**	*0.06*	0.03	*0.01*
Italy, Genoa Province				10	**0.3**	*0.09*	0.03	*0.01*
Italy, Macerata Province				3	**0.3**	*0.21*	0.03	*0.02*
Italy, Milan				27	**0.3**	*0.08*	0.03	*0.01*
Italy, Modena Province				9	**0.2**	*0.08*	0.02	*0.01*
Italy, Naples				9	**0.4**	*0.14*	0.06	*0.02*
Italy, North East Cancer Surveillance Network				61	**0.4**	*0.07*	0.04	*0.01*
Italy, Parma Province				9	**0.1**	*0.04*	-	-
Italy, Ragusa Province				4	**0.3**	*0.16*	0.05	*0.02*
Italy, Reggio Emilia Province				16	**0.3**	*0.10*	0.02	*0.01*
Italy, Romagna Region				23	**0.3**	*0.08*	0.03	*0.01*
Italy, Salerno Province				15	**0.4**	*0.10*	0.04	*0.01*
Italy, Sassari Province				8	**0.3**	*0.12*	0.04	*0.02*
Italy, Syracuse Province				4	**0.2**	*0.12*	0.02	*0.02*
Italy, Sondrio				3	**0.1**	*0.06*	-	-
Italy, Torino				20	**0.2**	*0.05*	0.02	*0.01*
Italy, Umbria Region				9	**0.2**	*0.08*	0.01	*0.01*
Italy, Varese Province				5	**0.1**	*0.04*	0.01	*0.01*
Italy, Veneto Region				43	**0.4**	*0.07*	0.04	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors
Vagina (C52) (contd)

	Male				Female			
	Cases	ASR(W)		CUM 0-74	Cases	ASR(W)		CUM 0-74	
Europe (contd)									
Latvia					39	**0.3**	*0.07*	0.03	*0.01*
Lithuania					48	**0.3**	*0.04*	0.03	*0.01*
Malta					3	**0.2**	*0.11*	0.02	*0.01*
Norway					78	**0.4**	*0.05*	0.04	*0.01*
Poland, Cracow					14	**0.3**	*0.09*	0.02	*0.01**
Poland, Kielce					13	**0.2**	*0.06*	0.02	*0.01*
Poland, Warsaw City					20	**0.2**	*0.06*	0.03	*0.01*
Portugal, Porto					54	**0.4**	*0.06*	0.04	*0.01**
Portugal, South Regional					37	**0.3**	*0.05*	0.03	*0.01*
Russia, St Petersburg					95	**0.3**	*0.04*	0.04	*0.00*
Serbia					114	**0.5**	*0.06*	0.07	*0.01*
Slovak Republic					83	**0.4**	*0.04*	0.04	*0.01*
Slovenia					59	**0.6**	*0.08*	0.06	*0.01*
Spain, Albacete					2	**0.1**	*0.09*	0.03	*0.02*
Spain, Asturias					16	**0.2**	*0.06*	0.02	*0.01*
Spain, Basque Country					18	**0.2**	*0.06*	0.02	*0.01*
Spain, Canary Islands					16	**0.3**	*0.07*	0.03	*0.01*
Spain, Cuenca					2	**0.1**	*0.04*	-	-
Spain, Girona					10	**0.3**	*0.10*	0.04	*0.02*
Spain, Granada					8	**0.2**	*0.09*	0.03	*0.01*
Spain, Murcia					10	**0.2**	*0.09*	0.01	*0.01*
Spain, Navarra					5	**0.1**	*0.06*	0.00	*0.00*
Spain, Tarragona					8	**0.4**	*0.15*	0.03	*0.02*
Spain, Zaragoza					16	**0.3**	*0.10*	0.03	*0.01*
Sweden					194	**0.4**	*0.03*	0.04	*0.00*
Switzerland, Geneva					2	**0.1**	*0.09*	0.01	*0.01*
Switzerland, Graubunden and Glarus					10	**0.8**	*0.27*	0.09	*0.04*
Switzerland, Neuchatel					5	**0.4**	*0.22*	0.05	*0.03*
Switzerland, St Gall-Appenzell					8	**0.3**	*0.14*	0.04	*0.02*
Switzerland, Ticino					7	**0.3**	*0.15*	0.03	*0.02*
Switzerland, Valais					3	**0.2**	*0.14*	0.03	*0.02*
Switzerland, Vaud					18	**0.6**	*0.17*	0.07	*0.02*
The Netherlands					224	**0.3**	*0.02*	0.03	*0.00*
The Netherlands, Eindhoven					11	**0.3**	*0.08*	0.03	*0.01*
The Netherlands, Maastricht					8	**0.2**	*0.08*	0.02	*0.01*
UK, East of England Region					42	**0.3**	*0.05*	0.03	*0.01*
UK, England, Merseyside and Cheshire					41	**0.3**	*0.06*	0.03	*0.01*
UK, England, North Western					108	**0.5**	*0.06*	0.06	*0.01*
UK, England, Northern and Yorkshire					137	**0.5**	*0.04*	0.05	*0.01*
UK, England, Oxford Region					33	**0.3**	*0.05*	0.03	*0.01*
UK, England, South and Western Regions					116	**0.3**	*0.03*	0.04	*0.00*
UK, England, Thames					222	**0.3**	*0.03*	0.04	*0.00*
UK, England, Trent					106	**0.5**	*0.05*	0.05	*0.01*
UK, England, West Midlands					100	**0.4**	*0.05*	0.04	*0.01*
UK, Northern Ireland					32	**0.5**	*0.09*	0.06	*0.01*
UK, Scotland					104	**0.5**	*0.06*	0.05	*0.01*
Oceania									
Australia, New South Wales					126	**0.5**	*0.05*	0.05	*0.01*
Australia, Northern Territory					0	**-**	-	-	-
Australia, Queensland					62	**0.4**	*0.06*	0.05	*0.01*
Australia, South					28	**0.4**	*0.08*	0.04	*0.01*
Australia, Tasmania					8	**0.4**	*0.14*	0.05	*0.02*
Australia, Victoria					52	**0.2**	*0.04*	0.02	*0.00*
Australia, Western					33	**0.5**	*0.09*	0.05	*0.01*
Australian Capital Territory					4	**0.3**	*0.18*	0.02	*0.02*
French Polynesia					0	**-**	-	-	-
New Zealand					54	**0.4**	*0.06*	0.04	*0.01*
USA, Hawaii					16	**0.3**	*0.08*	0.05	*0.01*
USA, Hawaii: Chinese					3	**0.9**	*0.53*	0.12	*0.07*
USA, Hawaii: Filipino					0	**-**	-	-	-
USA, Hawaii: Hawaiian					2	**0.3**	*0.20*	0.04	*0.04*
USA, Hawaii: Japanese					3	**0.3**	*0.19*	0.04	*0.02*
USA, Hawaii: White					6	**0.5**	*0.21*	0.10	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Cervix uteri (C53)

	Male			Female			
	Cases	ASR(W)	CUM 0-74	Cases	ASR(W)	CUM 0-74	
Africa							
Algeria, Setif				229	**11.6** *0.78*	-	- *
Egypt, Gharbiah				109	**2.1** *0.21*	-	-
Tunisia, Centre, Sousse				72	**7.1** *0.86*	-	- *
Uganda, Kyadondo County				649	**45.8** *2.11*	-	- *
Zimbabwe, Harare: African				818	**47.3** *1.99*	-	- *
America, Central and South							
Argentina, Bahia Blanca				139	**16.0** *1.42*	1.54	*0.14*
Brazil, Brasilia				1154	**37.7** *1.20*	4.16	*0.16*
Brazil, Cuiaba				302	**37.7** *2.30*	4.35	*0.32*
Brazil, Goiania				711	**33.9** *1.32*	3.80	*0.18*
Brazil, Sao Paulo				6028	**21.1** *0.28*	2.29	*0.04*
Chile, Valdivia				216	**22.2** *1.54*	2.17	*0.17*
Colombia, Cali				1314	**27.9** *0.82*	3.02	*0.10*
Costa Rica				1655	**18.9** *0.48*	1.96	*0.06*
Ecuador, Quito				637	**20.0** *0.83*	2.27	*0.11*
France, La Martinique				220	**16.5** *1.16*	1.86	*0.14*
Peru, Trujillo				498	**43.9** *2.03*	5.05	*0.27**
America, North							
Canada (Excluding Quebec, Yukon and Nunavut)				5389	**6.9** *0.10*	0.67	*0.01*
Canada, Alberta				797	**8.6** *0.31*	0.82	*0.03*
Canada, British Columbia				828	**5.8** *0.21*	0.56	*0.02*
Canada, Manitoba				267	**7.0** *0.45*	0.68	*0.05*
Canada, New Brunswick				191	**7.4** *0.57*	0.71	*0.06*
Canada, Newfoundland and Labrador				138	**7.7** *0.68*	0.78	*0.07*
Canada, Northwest Territories				6	**7.0** *3.15*	1.02	*0.58*
Canada, Nova Scotia				295	**9.1** *0.55*	0.86	*0.06*
Canada, Ontario				2623	**6.6** *0.13*	0.64	*0.01*
Canada, Prince Edward Island				30	**6.3** *1.19*	0.65	*0.13*
Canada, Saskatchewan				214	**7.0** *0.50*	0.67	*0.05*
USA, Alabama				1157	**7.5** *0.23*	0.74	*0.02*
USA, Alabama: Black				391	**10.3** *0.54*	1.09	*0.07*
USA, Alabama: White				723	**6.6** *0.26*	0.63	*0.03*
USA, Alaska				119	**6.5** *0.62*	0.63	*0.07*
USA, Arizona				965	**6.0** *0.20*	0.59	*0.02*
USA, California				8109	**7.7** *0.09*	0.77	*0.01*
USA, California: Asian and Pacific Islander				909	**6.6** *0.22*	0.72	*0.03*
USA, California: Black				532	**7.1** *0.32*	0.70	*0.04*
USA, California: Hispanic White				2990	**13.0** *0.25*	1.37	*0.03*
USA, California: Non-Hispanic White				3524	**6.2** *0.11*	0.59	*0.01*
USA, California, Greater San Francisco Bay Area				1263	**5.8** *0.17*	0.59	*0.02*
USA, California, Greater San Francisco Bay Area: Black				112	**6.5** *0.64*	0.58	*0.07*
USA, California, Greater San Francisco Bay Area: Chinese				59	**3.1** *0.42*	0.33	*0.05*
USA, California, Greater San Francisco Bay Area: Filipino				61	**5.2** *0.68*	0.53	*0.08*
USA, California, Greater San Francisco Bay Area: Japanese				13	**3.6** *1.04*	0.33	*0.10*
USA, California, Greater San Francisco Bay Area: Hispanic White				295	**10.0** *0.61*	1.06	*0.07*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White				581	**5.0** *0.22*	0.49	*0.02*
USA, California, Los Angeles County				2769	**9.5** *0.19*	0.98	*0.02*
USA, California, Los Angeles County: Black				262	**7.8** *0.50*	0.80	*0.06*
USA, California, Los Angeles County: Chinese				64	**4.9** *0.63*	0.54	*0.08*
USA, California, Los Angeles County: Filipino				91	**8.8** *0.94*	0.98	*0.12*
USA, California, Los Angeles County: Japanese				23	**4.6** *1.01*	0.41	*0.10*
USA, California, Los Angeles County: Korean				69	**9.8** *1.20*	1.19	*0.17*
USA, California, Los Angeles County: Hispanic White				1404	**15.1** *0.42*	1.62	*0.05*
USA, California, Los Angeles County: Non-Hispanic White				740	**6.6** *0.26*	0.66	*0.03*
USA, Colorado				799	**5.9** *0.22*	0.57	*0.02*
USA, Connecticut				700	**5.7** *0.23*	0.58	*0.02*
USA, Connecticut: Black				82	**8.2** *0.93*	0.89	*0.12*
USA, Connecticut: White				600	**5.5** *0.24*	0.55	*0.03*
USA, District of Columbia				194	**9.8** *0.73*	1.05	*0.08*
USA, District of Columbia: Black				151	**12.0** *1.01*	1.26	*0.11*
USA, District of Columbia: White				23	**3.8** *0.83*	0.44	*0.11*
USA, Florida				4771	**8.6** *0.13*	0.85	*0.01*
USA, Florida: Black				854	**12.1** *0.42*	1.31	*0.05*
USA, Florida: White				3794	**8.3** *0.14*	0.80	*0.01*
USA, Georgia				2098	**7.9** *0.18*	0.79	*0.02*
USA, Georgia: Black				662	**9.5** *0.39*	1.01	*0.05*
USA, Georgia: White				1371	**7.4** *0.21*	0.72	*0.02*
USA, Georgia, Atlanta				647	**7.0** *0.29*	0.74	*0.04*
USA, Georgia, Atlanta: Black				247	**8.7** *0.59*	0.96	*0.08*
USA, Georgia, Atlanta: White				353	**6.1** *0.34*	0.61	*0.04*
USA, Idaho				216	**5.5** *0.39*	0.55	*0.04*
USA, Illinois				3401	**8.4** *0.15*	0.84	*0.02*
USA, Illinois: Black				775	**13.1** *0.48*	1.34	*0.05*
USA, Illinois: White				2492	**7.5** *0.16*	0.75	*0.02*
USA, Indiana				1410	**7.2** *0.20*	0.70	*0.02*
USA, Iowa				651	**7.0** *0.29*	0.65	*0.03*
USA, Kentucky				1245	**9.3** *0.27*	0.91	*0.03*
USA, Louisiana				1244	**8.8** *0.26*	0.88	*0.03*
USA, Louisiana: Black				513	**12.0** *0.54*	1.24	*0.06*
USA, Louisiana: White				711	**7.6** *0.30*	0.73	*0.03*
USA, Louisiana, New Orleans: Black				151	**11.4** *0.94*	1.14	*0.11*
USA, Louisiana, New Orleans: White				126	**6.7** *0.62*	0.64	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Cervix uteri (C53) (contd)

	Male			Female			
	Cases	ASR(W)	CUM 0-74	Cases	ASR(W)	CUM 0-74	
America, North (contd)							
USA, Maine				278	**6.1** *0.39*	0.62 *0.04*	
USA, Massachusetts				1224	**5.4** *0.16*	0.55 *0.02*	
USA, Michigan				2193	**6.7** *0.15*	0.65 *0.02*	
USA, Michigan: Black				425	**9.5** *0.48*	0.96 *0.06*	
USA, Michigan: White				1690	**6.3** *0.16*	0.60 *0.02*	
USA, Michigan, Detroit				1013	**7.4** *0.24*	0.72 *0.03*	
USA, Michigan, Detroit: Black				337	**10.0** *0.56*	1.00 *0.07*	
USA, Michigan, Detroit: White				645	**6.7** *0.28*	0.64 *0.03*	
USA, Missouri				1390	**7.4** *0.21*	0.73 *0.02*	
USA, Missouri: Black				216	**10.6** *0.75*	1.04 *0.08*	
USA, Missouri: White				1146	**7.0** *0.22*	0.69 *0.02*	
USA, Montana				206	**6.9** *0.51*	0.66 *0.05*	
USA, NPCR				55469	**7.6** *0.03*	0.75 *0.00*	
USA, NPCR: Black				8693	**10.2** *0.11*	1.06 *0.01*	
USA, NPCR: White				43436	**7.2** *0.04*	0.70 *0.00*	
USA, New Jersey				2339	**7.9** *0.17*	0.80 *0.02*	
USA, New Jersey: Black				466	**11.9** *0.56*	1.22 *0.07*	
USA, New Jersey: White				1759	**7.5** *0.19*	0.74 *0.02*	
USA, New Mexico				394	**6.9** *0.36*	0.69 *0.04*	
USA, New Mexico: American Indian				27	**5.5** *1.08*	0.52 *0.12*	
USA, New Mexico: Hispanic White				150	**7.5** *0.62*	0.74 *0.07*	
USA, New Mexico: Non-Hispanic White				201	**6.8** *0.52*	0.67 *0.05*	
USA, New York State				4976	**7.5** *0.11*	0.77 *0.01*	
USA, New York State: Black				1199	**12.2** *0.36*	1.31 *0.04*	
USA, New York State: White				3533	**6.8** *0.12*	0.68 *0.01*	
USA, Ohio				2569	**6.8** *0.14*	0.67 *0.01*	
USA, Ohio: Black				302	**7.0** *0.42*	0.71 *0.05*	
USA, Ohio: White				2191	**6.7** *0.15*	0.65 *0.02*	
USA, Oklahoma				919	**8.3** *0.29*	0.81 *0.03*	
USA, Oregon				719	**6.5** *0.25*	0.62 *0.03*	
USA, Pennsylvania				3020	**7.1** *0.14*	0.70 *0.01*	
USA, Pennsylvania: Black				415	**10.3** *0.52*	1.07 *0.06*	
USA, Pennsylvania: White				2487	**6.6** *0.14*	0.65 *0.01*	
USA, Rhode Island				215	**6.2** *0.44*	0.59 *0.04*	
USA, SEER (9 Registries)				5553	**6.3** *0.09*	0.62 *0.01*	
USA, SEER (9 Registries): Black				826	**8.5** *0.31*	0.88 *0.04*	
USA, SEER (9 Registries): White				4075	**6.0** *0.10*	0.58 *0.01*	
USA, SEER (14 Registries)				17731	**7.4** *0.06*	0.74 *0.01*	
USA, SEER (14 Registries): Asian and Pacific Islander				1395	**6.6** *0.18*	0.71 *0.02*	
USA, SEER (14 Registries): Black				2360	**9.4** *0.20*	0.97 *0.02*	
USA, SEER (14 Registries): Hispanic White				3732	**12.3** *0.21*	1.29 *0.03*	
USA, SEER (14 Registries): Non-Hispanic White				9923	**6.4** *0.07*	0.62 *0.01*	
USA, South Carolina				1113	**8.3** *0.26*	0.81 *0.03*	
USA, South Carolina: Black				399	**10.5** *0.55*	1.10 *0.06*	
USA, South Carolina: White				688	**7.6** *0.30*	0.71 *0.03*	
USA, Texas				5333	**8.3** *0.12*	0.81 *0.01*	
USA, Texas: Black				712	**9.8** *0.38*	1.02 *0.05*	
USA, Texas: White				4439	**8.2** *0.13*	0.79 *0.01*	
USA, Utah				311	**5.3** *0.31*	0.49 *0.03*	
USA, Vermont				153	**7.3** *0.62*	0.76 *0.07*	
USA, Washington State				1102	**5.8** *0.18*	0.56 *0.02*	
USA, Washington, Seattle				734	**5.5** *0.21*	0.53 *0.02*	
USA, West Virginia				591	**9.1** *0.40*	0.89 *0.04*	
USA, Wisconsin				1247	**7.6** *0.23*	0.70 *0.02*	
Asia							
Bahrain: Bahraini				38	**6.0** *1.01*	0.67 *0.13*	
China, Guangzhou City				298	**4.6** *0.27*	0.43 *0.03**	
China, Hong Kong				2251	**9.8** *0.22*	1.07 *0.03*	
China, Jiashan				33	**2.4** *0.43*	0.28 *0.06**	
China, Nangang District, Harbin City				86	**3.0** *0.33*	0.34 *0.04*	
China, Shanghai				722	**2.8** *0.11*	0.29 *0.01**	
China, Zhongshan				133	**3.5** *0.31*	0.36 *0.03**	
Cyprus				101	**4.3** *0.45*	0.48 *0.05**	
India, Chennai (Madras)				2550	**28.0** *0.56*	3.22 *0.07*	
India, New Delhi				3653	**19.5** *0.34*	2.25 *0.05**	
India, Karunagappally				93	**10.6** *1.11*	1.42 *0.17*	
India, Mumbai (Bombay)				3121	**14.5** *0.27*	1.66 *0.04*	
India, Nagpur				741	**18.4** *0.69*	2.10 *0.09**	
India, Poona				1138	**17.3** *0.53*	1.99 *0.07**	
India, Trivandrum				284	**9.4** *0.56*	1.15 *0.08**	
Israel				911	**5.4** *0.18*	0.55 *0.02*	
Israel: Jews				853	**5.8** *0.20*	0.58 *0.02*	
Israel: Non-Jews				44	**2.4** *0.37*	0.23 *0.04*	
Japan, Aichi Prefecture				229	**6.2** *0.42*	0.66 *0.05*	
Japan, Fukui Prefecture				204	**6.3** *0.49*	0.60 *0.05*	
Japan, Hiroshima				500	**12.2** *0.57*	1.22 *0.06*	
Japan, Miyagi Prefecture				512	**6.0** *0.28*	0.56 *0.03*	
Japan, Nagasaki Prefecture				651	**10.9** *0.48*	1.04 *0.05*	
Japan, Osaka Prefecture				1963	**5.6** *0.14*	0.56 *0.01*	
Japan, Yamagata Prefecture				313	**6.8** *0.43*	0.64 *0.04*	

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Cervix uteri (C53) (contd)

	Male			Female				
	Cases	ASR(W)		CUM 0-74	Cases	ASR(W)		CUM 0-74	
Asia (contd)									
Korea					17576	**15.4**	*0.12*	1.67	*0.01*
Korea, Busan					1812	**15.3**	*0.36*	1.61	*0.04*
Korea, Daegu					1169	**16.0**	*0.47*	1.78	*0.06*
Korea, Daejeon					696	**18.6**	*0.73*	2.02	*0.09*
Korea, Gwangju					540	**14.5**	*0.64*	1.57	*0.08*
Korea, Incheon					1375	**19.8**	*0.55*	2.19	*0.07*
Korea, Jejudo					141	**13.8**	*1.18*	1.51	*0.14*
Korea, Seoul					5033	**17.8**	*0.26*	1.99	*0.03*
Korea, Ulsan					283	**14.2**	*0.90*	1.65	*0.12*
Kuwait: Kuwaitis					58	**4.5**	*0.63*	0.50	*0.08*
Kuwait: Non-Kuwaitis					90	**5.3**	*0.83*	0.63	*0.14*
Malaysia, Penang					416	**17.9**	*0.89*	2.08	*0.12*
Malaysia, Sarawak					671	**15.9**	*0.63*	1.67	*0.08*
Oman: Omani					108	**6.5**	*0.64*	0.86	*0.10**
Pakistan, South Karachi					159	**7.5**	*0.63*	0.83	*0.08**
Philippines, Manila					1966	**19.8**	*0.47*	2.14	*0.06**
Singapore					1023	**10.6**	*0.34*	1.18	*0.04*
Singapore: Chinese					910	**11.5**	*0.39*	1.27	*0.05*
Singapore: Indian					35	**6.3**	*1.11*	0.69	*0.14*
Singapore: Malay					78	**7.3**	*0.86*	0.80	*0.11*
Thailand, Chiang Mai					1297	**28.9**	*0.83*	3.08	*0.10**
Thailand, Lampang					546	**22.4**	*0.98*	2.35	*0.11**
Thailand, Songkhla					573	**17.8**	*0.76*	1.95	*0.09*
Turkey, Antalya					136	**4.4**	*0.38*	0.51	*0.05**
Turkey, Izmir					467	**5.4**	*0.25*	0.61	*0.03**
Europe									
Austria					2644	**8.7**	*0.18*	0.86	*0.02*
Austria, Tyrol					285	**12.0**	*0.74*	1.12	*0.07*
Austria, Vorarlberg					82	**6.8**	*0.79*	0.69	*0.08*
Belarus					4015	**10.9**	*0.18*	1.11	*0.02**
Belgium, Antwerp					419	**6.6**	*0.35*	0.66	*0.04**
Belgium, Flanders					1503	**8.7**	*0.24*	0.86	*0.02*
Bulgaria					5148	**18.0**	*0.26*	1.78	*0.03**
Croatia					1920	**11.5**	*0.28*	1.16	*0.03*
Czech Republic					5414	**14.9**	*0.21*	1.48	*0.02*
Denmark					2019	**10.7**	*0.25*	1.03	*0.03*
Estonia					771	**14.7**	*0.56*	1.50	*0.06*
Finland					788	**4.0**	*0.16*	0.40	*0.02*
France, Bas-Rhin					312	**8.3**	*0.49*	0.84	*0.05*
France, Calvados					165	**6.9**	*0.57*	0.71	*0.06*
France, Doubs					135	**7.9**	*0.70*	0.77	*0.07*
France, Haut-Rhin					200	**7.8**	*0.57*	0.78	*0.06*
France, Herault					328	**9.8**	*0.57*	0.99	*0.06*
France, Isere					237	**6.2**	*0.43*	0.60	*0.04*
France, Loire-Atlantique					240	**5.6**	*0.39*	0.54	*0.04*
France, Manche					149	**7.6**	*0.71*	0.72	*0.07*
France, Somme					161	**8.0**	*0.67*	0.82	*0.07*
France, Tarn					100	**7.6**	*0.83*	0.73	*0.08*
France, Vendee					110	**5.8**	*0.60*	0.53	*0.06*
Germany, Brandenburg					1102	**11.2**	*0.36*	1.07	*0.04*
Germany, Free State of Saxony					1937	**11.1**	*0.28*	1.08	*0.03*
Germany, Hamburg					539	**7.7**	*0.36*	0.77	*0.04*
Germany, Mecklenburg-Western Pomerania					761	**11.4**	*0.44*	1.09	*0.04*
Germany, Munich					714	**7.8**	*0.31*	0.75	*0.03*
Germany, Northrhine-Westphalia: Munster					747	**7.0**	*0.28*	0.72	*0.03*
Germany, Saarland					426	**9.8**	*0.51*	0.96	*0.05*
Iceland					74	**9.2**	*1.09*	0.89	*0.11*
Ireland					930	**8.1**	*0.27*	0.78	*0.03*
Italy, Biella Province					64	**7.9**	*1.10*	0.81	*0.11*
Italy, Brescia Province					171	**7.0**	*0.58*	0.71	*0.06*
Italy, Ferrara Province					105	**7.2**	*0.75*	0.72	*0.08*
Italy, Florence and Prato					276	**5.4**	*0.37*	0.57	*0.04*
Italy, Genoa Province					195	**7.5**	*0.62*	0.80	*0.06*
Italy, Macerata Province					33	**4.4**	*0.84*	0.48	*0.09*
Italy, Milan					283	**5.8**	*0.38*	0.61	*0.04*
Italy, Modena Province					172	**6.4**	*0.53*	0.65	*0.06*
Italy, Naples					83	**5.0**	*0.56*	0.56	*0.07*
Italy, North East Cancer Surveillance Network					585	**6.9**	*0.31*	0.68	*0.03*
Italy, Parma Province					106	**6.5**	*0.69*	0.68	*0.07*
Italy, Ragusa Province					65	**5.7**	*0.76*	0.64	*0.09*
Italy, Reggio Emilia Province					113	**6.1**	*0.63*	0.61	*0.06*
Italy, Romagna Region					312	**7.3**	*0.46*	0.72	*0.05*
Italy, Salerno Province					183	**5.7**	*0.45*	0.59	*0.05*
Italy, Sassari Province					79	**4.6**	*0.54*	0.46	*0.06*
Italy, Syracuse Province					63	**5.1**	*0.67*	0.57	*0.08*
Italy, Sondrio					46	**6.5**	*1.04*	0.60	*0.10*
Italy, Torino					247	**5.5**	*0.40*	0.57	*0.04*
Italy, Umbria Region					179	**4.9**	*0.41*	0.49	*0.04*
Italy, Varese Province					112	**5.6**	*0.58*	0.56	*0.06*
Italy, Veneto Region					355	**5.4**	*0.31*	0.54	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Cervix uteri (C53) (contd)

	Male				Female			
	Cases	ASR(W)		CUM 0-74	Cases	ASR(W)		CUM 0-74	
Europe (contd)									
Latvia					980	**10.4**	*0.35*	1.08	*0.04*
Lithuania					2400	**18.9**	*0.40*	1.89	*0.04*
Malta					54	**3.9**	*0.56*	0.39	*0.06*
Norway					1524	**10.0**	*0.27*	0.97	*0.03*
Poland, Cracow					502	**17.5**	*0.80*	1.77	*0.09**
Poland, Kielce					702	**15.5**	*0.61*	1.62	*0.07*
Poland, Warsaw City					871	**12.5**	*0.44*	1.33	*0.05*
Portugal, Porto					1356	**12.5**	*0.35*	1.25	*0.04**
Portugal, South Regional					1033	**10.1**	*0.33*	1.01	*0.03*
Russia, St Petersburg					1874	**9.3**	*0.23*	0.92	*0.02*
Serbia					4149	**25.7**	*0.42*	2.59	*0.04*
Slovak Republic					2664	**15.0**	*0.30*	1.47	*0.03*
Slovenia					1007	**14.5**	*0.47*	1.38	*0.05*
Spain, Albacete					52	**5.3**	*0.79*	0.49	*0.08*
Spain, Asturias					323	**7.1**	*0.43*	0.75	*0.05*
Spain, Basque Country					324	**5.0**	*0.29*	0.51	*0.03*
Spain, Canary Islands					415	**8.8**	*0.44*	0.89	*0.05*
Spain, Cuenca					36	**5.3**	*0.97*	0.54	*0.10*
Spain, Girona					132	**6.6**	*0.61*	0.67	*0.06*
Spain, Granada					167	**6.0**	*0.49*	0.61	*0.05*
Spain, Murcia					244	**6.7**	*0.44*	0.69	*0.05*
Spain, Navarra					86	**4.3**	*0.50*	0.42	*0.05*
Spain, Tarragona					129	**7.4**	*0.70*	0.78	*0.08*
Spain, Zaragoza					141	**4.1**	*0.37*	0.44	*0.04*
Sweden					2235	**7.0**	*0.16*	0.67	*0.02*
Switzerland, Geneva					66	**4.0**	*0.54*	0.38	*0.06*
Switzerland, Graubunden and Glarus					58	**6.5**	*0.91*	0.66	*0.10*
Switzerland, Neuchatel					22	**3.5**	*0.78*	0.37	*0.09*
Switzerland, St Gall-Appenzell					119	**6.6**	*0.63*	0.67	*0.07*
Switzerland, Ticino					86	**6.5**	*0.77*	0.65	*0.08*
Switzerland, Valais					46	**4.4**	*0.70*	0.43	*0.07*
Switzerland, Vaud					109	**4.5**	*0.47*	0.44	*0.05*
The Netherlands					3380	**5.9**	*0.11*	0.58	*0.01*
The Netherlands, Eindhoven					177	**4.9**	*0.38*	0.50	*0.04*
The Netherlands, Maastricht					191	**5.7**	*0.43*	0.58	*0.05*
UK, East of England Region					536	**5.4**	*0.26*	0.48	*0.02*
UK, England, Merseyside and Cheshire					728	**8.3**	*0.33*	0.80	*0.03*
UK, England, North Western					1289	**8.8**	*0.26*	0.85	*0.03*
UK, England, Northern and Yorkshire					2081	**9.2**	*0.22*	0.85	*0.02*
UK, England, Oxford Region					407	**4.2**	*0.22*	0.40	*0.02*
UK, England, South and Western Regions					1809	**7.5**	*0.19*	0.69	*0.02*
UK, England, Thames					2842	**5.6**	*0.11*	0.54	*0.01*
UK, England, Trent					1257	**7.5**	*0.23*	0.71	*0.02*
UK, England, West Midlands					1448	**8.1**	*0.23*	0.76	*0.02*
UK, Northern Ireland					405	**7.6**	*0.39*	0.72	*0.04*
UK, Scotland					1591	**8.9**	*0.24*	0.83	*0.02*
Oceania									
Australia, New South Wales					1338	**6.1**	*0.17*	0.61	*0.02*
Australia, Northern Territory					48	**10.0**	*1.57*	0.97	*0.19*
Australia, Queensland					805	**7.0**	*0.25*	0.68	*0.03*
Australia, South					261	**5.1**	*0.33*	0.48	*0.03*
Australia, Tasmania					108	**7.1**	*0.71*	0.70	*0.07*
Australia, Victoria					837	**5.1**	*0.18*	0.51	*0.02*
Australia, Western					412	**6.7**	*0.34*	0.67	*0.04*
Australian Capital Territory					49	**5.0**	*0.73*	0.51	*0.09*
French Polynesia					73	**15.6**	*1.89*	1.70	*0.24*
New Zealand					993	**8.0**	*0.26*	0.78	*0.03*
USA, Hawaii					298	**7.4**	*0.44*	0.70	*0.04*
USA, Hawaii: Chinese					16	**4.7**	*1.33*	0.41	*0.12*
USA, Hawaii: Filipino					56	**8.4**	*1.15*	0.84	*0.12*
USA, Hawaii: Hawaiian					56	**9.3**	*1.26*	0.86	*0.13*
USA, Hawaii: Japanese					47	**5.2**	*0.85*	0.48	*0.08*
USA, Hawaii: White					75	**7.5**	*0.91*	0.70	*0.09*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Corpus uteri (C54)

	Male				Female			
	Cases	ASR(W)		CUM 0-74	Cases	ASR(W)		CUM 0-74	
Africa									
Algeria, Setif					22	**1.1**	*0.24*	-	- *
Egypt, Gharbiah					127	**2.6**	*0.23*	-	-
Tunisia, Centre, Sousse					32	**3.4**	*0.60*	-	- *
Uganda, Kyadondo County					38	**3.7**	*0.64*	-	- *
Zimbabwe, Harare: African					53	**4.1**	*0.64*	-	- *
America, Central and South									
Argentina, Bahia Blanca					87	**8.2**	*0.96*	0.99	*0.13*
Brazil, Brasilia					185	**7.5**	*0.59*	0.94	*0.09*
Brazil, Cuiaba					14	**2.0**	*0.56*	0.31	*0.11*
Brazil, Goiania					110	**6.1**	*0.60*	0.72	*0.09*
Brazil, Sao Paulo					2025	**7.4**	*0.17*	0.93	*0.03*
Chile, Valdivia					48	**4.9**	*0.73*	0.57	*0.10*
Colombia, Cali					247	**5.9**	*0.39*	0.71	*0.05*
Costa Rica					548	**7.2**	*0.32*	0.85	*0.04*
Ecuador, Quito					125	**4.0**	*0.37*	0.51	*0.06*
France, La Martinique					91	**6.2**	*0.69*	0.81	*0.10*
Peru, Trujillo					47	**4.7**	*0.70*	0.65	*0.11**
America, North									
Canada (Excluding Quebec, Yukon and Nunavut)					13240	**15.4**	*0.14*	1.91	*0.02*
Canada, Alberta					1569	**16.8**	*0.44*	2.10	*0.06*
Canada, British Columbia					2129	**13.7**	*0.32*	1.70	*0.04*
Canada, Manitoba					808	**18.9**	*0.72*	2.35	*0.10*
Canada, New Brunswick					410	**13.9**	*0.73*	1.80	*0.10*
Canada, Newfoundland and Labrador					260	**13.1**	*0.85*	1.57	*0.11*
Canada, Northwest Territories					2	**2.0**	*1.40*	0.20	*0.14*
Canada, Nova Scotia					561	**14.8**	*0.67*	1.83	*0.09*
Canada, Ontario					6857	**15.7**	*0.20*	1.94	*0.03*
Canada, Prince Edward Island					84	**14.8**	*1.74*	1.78	*0.24*
Canada, Saskatchewan					560	**14.9**	*0.69*	1.81	*0.09*
USA, Alabama					2047	**11.4**	*0.27*	1.39	*0.04*
USA, Alabama: Black					429	**11.3**	*0.58*	1.47	*0.08*
USA, Alabama: White					1574	**11.4**	*0.31*	1.36	*0.04*
USA, Alaska					235	**15.4**	*1.05*	1.90	*0.15*
USA, Arizona					2436	**12.8**	*0.28*	1.54	*0.04*
USA, California					17933	**15.8**	*0.13*	1.92	*0.02*
USA, California: Asian and Pacific Islander					1495	**11.1**	*0.29*	1.28	*0.04*
USA, California: Black					879	**12.7**	*0.44*	1.58	*0.06*
USA, California: Hispanic White					2403	**12.3**	*0.26*	1.46	*0.04*
USA, California: Non-Hispanic White					12921	**17.7**	*0.17*	2.19	*0.02*
USA, California, Greater San Francisco Bay Area					3857	**16.7**	*0.29*	2.05	*0.04*
USA, California, Greater San Francisco Bay Area: Black					215	**13.6**	*0.98*	1.73	*0.14*
USA, California, Greater San Francisco Bay Area: Chinese					171	**9.4**	*0.74*	1.11	*0.10*
USA, California, Greater San Francisco Bay Area: Filipino					141	**12.1**	*1.04*	1.36	*0.13*
USA, California, Greater San Francisco Bay Area: Japanese					60	**13.2**	*1.89*	1.50	*0.23*
USA, California, Greater San Francisco Bay Area: Hispanic White					330	**12.8**	*0.73*	1.58	*0.10*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White					2719	**19.2**	*0.40*	2.40	*0.06*
USA, California, Los Angeles County					4814	**16.1**	*0.24*	1.96	*0.03*
USA, California, Los Angeles County: Black					440	**13.6**	*0.67*	1.69	*0.09*
USA, California, Los Angeles County: Chinese					106	**8.8**	*0.88*	1.03	*0.11*
USA, California, Los Angeles County: Filipino					165	**16.0**	*1.26*	1.85	*0.16*
USA, California, Los Angeles County: Japanese					84	**14.7**	*1.74*	1.66	*0.20*
USA, California, Los Angeles County: Korean					50	**7.4**	*1.06*	0.75	*0.12*
USA, California, Los Angeles County: Hispanic White					995	**12.3**	*0.41*	1.48	*0.06*
USA, California, Los Angeles County: Non-Hispanic White					2827	**20.0**	*0.41*	2.49	*0.06*
USA, Colorado					1992	**14.3**	*0.34*	1.75	*0.05*
USA, Connecticut					2793	**20.4**	*0.42*	2.51	*0.06*
USA, Connecticut: Black					124	**13.7**	*1.26*	1.81	*0.19*
USA, Connecticut: White					2628	**21.0**	*0.45*	2.58	*0.06*
USA, District of Columbia					345	**15.1**	*0.87*	1.88	*0.12*
USA, District of Columbia: Black					215	**13.4**	*0.99*	1.68	*0.14*
USA, District of Columbia: White					110	**16.8**	*1.74*	2.13	*0.26*
USA, Florida					10691	**14.6**	*0.16*	1.79	*0.02*
USA, Florida: Black					951	**14.1**	*0.47*	1.86	*0.07*
USA, Florida: White					9590	**14.9**	*0.17*	1.80	*0.02*
USA, Georgia					3500	**13.0**	*0.23*	1.61	*0.03*
USA, Georgia: Black					739	**12.1**	*0.47*	1.58	*0.07*
USA, Georgia: White					2715	**13.5**	*0.27*	1.65	*0.04*
USA, Georgia, Atlanta					1159	**14.1**	*0.43*	1.77	*0.06*
USA, Georgia, Atlanta: Black					276	**11.8**	*0.75*	1.58	*0.12*
USA, Georgia, Atlanta: White					855	**15.4**	*0.55*	1.91	*0.08*
USA, Idaho					686	**15.5**	*0.63*	1.89	*0.09*
USA, Illinois					8021	**17.8**	*0.21*	2.19	*0.03*
USA, Illinois: Black					756	**12.7**	*0.48*	1.56	*0.07*
USA, Illinois: White					6999	**18.6**	*0.24*	2.29	*0.03*
USA, Indiana					4140	**18.6**	*0.31*	2.27	*0.04*
USA, Iowa					2326	**20.1**	*0.46*	2.49	*0.06*
USA, Kentucky					2441	**16.1**	*0.34*	1.95	*0.05*
USA, Louisiana					2012	**12.3**	*0.29*	1.48	*0.04*
USA, Louisiana: Black					521	**11.9**	*0.55*	1.55	*0.08*
USA, Louisiana: White					1471	**12.8**	*0.36*	1.49	*0.05*
USA, Louisiana, New Orleans: Black					145	**11.0**	*0.94*	1.38	*0.14*
USA, Louisiana, New Orleans: White					286	**12.4**	*0.80*	1.36	*0.10*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Corpus uteri (C54) (contd)

	Male				Female			
	Cases	ASR(W)		CUM 0-74	Cases	ASR(W)		CUM 0-74	
America, North (contd)									
USA, Maine					1115	**21.9**	*0.70*	2.67	*0.09*
USA, Massachusetts					4929	**20.4**	*0.31*	2.54	*0.04*
USA, Michigan					6898	**18.9**	*0.24*	2.33	*0.03*
USA, Michigan: Black					611	**14.4**	*0.61*	1.84	*0.09*
USA, Michigan: White					6164	**19.6**	*0.27*	2.40	*0.04*
USA, Michigan, Detroit					2846	**19.0**	*0.38*	2.34	*0.05*
USA, Michigan, Detroit: Black					485	**14.9**	*0.71*	1.87	*0.10*
USA, Michigan, Detroit: White					2330	**20.5**	*0.46*	2.52	*0.06*
USA, Missouri					3828	**17.5**	*0.30*	2.15	*0.04*
USA, Missouri: Black					268	**13.9**	*0.89*	1.85	*0.13*
USA, Missouri: White					3521	**18.0**	*0.33*	2.19	*0.04*
USA, Montana					560	**15.7**	*0.71*	1.93	*0.10*
USA, NPCR					139510	**16.9**	*0.05*	2.07	*0.01*
USA, NPCR: Black					10674	**13.0**	*0.13*	1.67	*0.02*
USA, NPCR: White					123708	**17.4**	*0.05*	2.13	*0.01*
USA, New Jersey					6790	**20.7**	*0.27*	2.59	*0.04*
USA, New Jersey: Black					575	**14.8**	*0.63*	1.89	*0.09*
USA, New Jersey: White					6039	**22.1**	*0.31*	2.76	*0.04*
USA, New Mexico					864	**13.5**	*0.48*	1.62	*0.06*
USA, New Mexico: American Indian					50	**10.6**	*1.52*	1.10	*0.19*
USA, New Mexico: Hispanic White					215	**10.6**	*0.74*	1.27	*0.10*
USA, New Mexico: Non-Hispanic White					582	**15.3**	*0.68*	1.87	*0.09*
USA, New York State					14221	**19.5**	*0.17*	2.42	*0.02*
USA, New York State: Black					1549	**15.8**	*0.41*	2.05	*0.06*
USA, New York State: White					12287	**20.6**	*0.20*	2.55	*0.03*
USA, Ohio					8369	**19.1**	*0.22*	2.36	*0.03*
USA, Ohio: Black					523	**12.3**	*0.56*	1.55	*0.08*
USA, Ohio: White					7592	**19.5**	*0.24*	2.39	*0.03*
USA, Oklahoma					1706	**12.4**	*0.32*	1.55	*0.04*
USA, Oregon					2233	**17.0**	*0.39*	2.07	*0.05*
USA, Pennsylvania					11360	**22.3**	*0.23*	2.72	*0.03*
USA, Pennsylvania: Black					578	**13.7**	*0.60*	1.75	*0.08*
USA, Pennsylvania: White					10565	**23.1**	*0.24*	2.80	*0.03*
USA, Rhode Island					823	**19.4**	*0.74*	2.40	*0.10*
USA, SEER (9 Registries)					17062	**17.9**	*0.15*	2.21	*0.02*
USA, SEER (9 Registries): Black					1156	**13.5**	*0.41*	1.72	*0.06*
USA, SEER (9 Registries): White					14502	**18.8**	*0.17*	2.33	*0.02*
USA, SEER (14 Registries)					43641	**16.8**	*0.09*	2.06	*0.01*
USA, SEER (14 Registries): Asian and Pacific Islander					2417	**11.8**	*0.24*	1.36	*0.03*
USA, SEER (14 Registries): Black					3047	**13.0**	*0.24*	1.65	*0.04*
USA, SEER (14 Registries): Hispanic White					3196	**12.3**	*0.23*	1.48	*0.03*
USA, SEER (14 Registries): Non-Hispanic White					34472	**18.4**	*0.11*	2.27	*0.01*
USA, South Carolina					2045	**13.2**	*0.31*	1.61	*0.04*
USA, South Carolina: Black					519	**13.7**	*0.63*	1.76	*0.09*
USA, South Carolina: White					1484	**13.0**	*0.36*	1.55	*0.05*
USA, Texas					8506	**12.7**	*0.14*	1.55	*0.02*
USA, Texas: Black					775	**11.7**	*0.44*	1.51	*0.07*
USA, Texas: White					7526	**12.9**	*0.16*	1.57	*0.02*
USA, Utah					990	**16.6**	*0.56*	2.06	*0.08*
USA, Vermont					511	**21.5**	*1.01*	2.54	*0.14*
USA, Washington State					3778	**18.0**	*0.31*	2.20	*0.04*
USA, Washington, Seattle					2608	**18.3**	*0.38*	2.27	*0.05*
USA, West Virginia					1516	**19.8**	*0.54*	2.38	*0.07*
USA, Wisconsin					3771	**18.9**	*0.33*	2.33	*0.04*
Asia									
Bahrain: Bahraini					33	**5.2**	*0.94*	0.55	*0.11*
China, Guangzhou City					370	**6.2**	*0.32*	0.70	*0.04**
China, Hong Kong					1848	**8.8**	*0.21*	0.98	*0.03*
China, Jiashan					14	**1.0**	*0.28*	0.12	*0.04**
China, Nangang District, Harbin City					70	**2.8**	*0.34*	0.31	*0.04*
China, Shanghai					1358	**6.0**	*0.17*	0.69	*0.02**
China, Zhongshan					359	**10.8**	*0.58*	1.16	*0.07**
Cyprus					282	**11.8**	*0.72*	1.49	*0.10**
India, Chennai (Madras)					171	**2.0**	*0.15*	0.24	*0.02*
India, New Delhi					623	**3.7**	*0.15*	0.47	*0.02**
India, Karunagappally					10	**1.1**	*0.35*	0.10	*0.03*
India, Mumbai (Bombay)					547	**2.8**	*0.12*	0.36	*0.02*
India, Nagpur					90	**2.3**	*0.25*	0.26	*0.03**
India, Poona					117	**1.9**	*0.18*	0.25	*0.03**
India, Trivandrum					82	**2.8**	*0.31*	0.32	*0.04**
Israel					2363	**13.0**	*0.28*	1.63	*0.04*
Israel: Jews					2187	**13.2**	*0.30*	1.65	*0.04*
Israel: Non-Jews					139	**9.0**	*0.78*	1.12	*0.11*
Japan, Aichi Prefecture					202	**5.2**	*0.38*	0.61	*0.05*
Japan, Fukui Prefecture					145	**3.9**	*0.35*	0.46	*0.04*
Japan, Hiroshima					312	**7.2**	*0.42*	0.81	*0.05*
Japan, Miyagi Prefecture					588	**5.9**	*0.26*	0.69	*0.03*
Japan, Nagasaki Prefecture					463	**6.9**	*0.34*	0.77	*0.04*
Japan, Osaka Prefecture					1263	**3.3**	*0.10*	0.38	*0.01*
Japan, Yamagata Prefecture					316	**5.5**	*0.35*	0.64	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Corpus uteri (C54) (contd)

	Male			Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea						3157	**2.9**	*0.05*	0.31	*0.01*
Korea, Busan						274	**2.4**	*0.15*	0.27	*0.02*
Korea, Daegu						190	**2.7**	*0.20*	0.29	*0.02*
Korea, Daejeon						116	**3.3**	*0.32*	0.38	*0.04*
Korea, Gwangju						77	**2.1**	*0.25*	0.22	*0.03*
Korea, Incheon						188	**2.9**	*0.22*	0.34	*0.03*
Korea, Jejudo						24	**2.5**	*0.53*	0.25	*0.06*
Korea, Seoul						972	**3.5**	*0.11*	0.39	*0.01*
Korea, Ulsan						49	**2.4**	*0.36*	0.24	*0.04*
Kuwait: Kuwaitis						42	**3.6**	*0.59*	0.48	*0.09*
Kuwait: Non-Kuwaitis						29	**4.3**	*0.95*	0.49	*0.12*
Malaysia, Penang						129	**5.7**	*0.51*	0.72	*0.07*
Malaysia, Sarawak						118	**3.1**	*0.29*	0.36	*0.04*
Oman: Omani						14	**0.9**	*0.24*	0.13	*0.04**
Pakistan, South Karachi						130	**6.7**	*0.62*	0.76	*0.08**
Philippines, Manila						876	**9.9**	*0.35*	1.19	*0.05**
Singapore						867	**9.2**	*0.32*	1.07	*0.04*
Singapore: Chinese						734	**9.4**	*0.36*	1.10	*0.05*
Singapore: Indian						46	**7.8**	*1.18*	1.09	*0.19*
Singapore: Malay						87	**8.6**	*0.96*	0.93	*0.11*
Thailand, Chiang Mai						140	**3.5**	*0.30*	0.42	*0.04**
Thailand, Lampang						73	**3.1**	*0.37*	0.37	*0.05**
Thailand, Songkhla						90	**3.0**	*0.32*	0.33	*0.04*
Turkey, Antalya						215	**7.2**	*0.50*	0.88	*0.07**
Turkey, Izmir						548	**6.5**	*0.28*	0.79	*0.04**
Europe										
Austria						4778	**12.5**	*0.20*	1.59	*0.03*
Austria, Tyrol						371	**12.6**	*0.71*	1.60	*0.10*
Austria, Vorarlberg						202	**14.5**	*1.09*	1.86	*0.15*
Belarus						5719	**14.2**	*0.20*	1.73	*0.02**
Belgium, Antwerp						917	**11.6**	*0.42*	1.51	*0.06**
Belgium, Flanders						2892	**12.9**	*0.26*	1.67	*0.04*
Bulgaria						5420	**15.3**	*0.22*	1.90	*0.03**
Croatia						2582	**12.2**	*0.26*	1.52	*0.03*
Czech Republic						8224	**18.1**	*0.21*	2.28	*0.03*
Denmark						3079	**12.5**	*0.24*	1.60	*0.04*
Estonia						939	**14.5**	*0.50*	1.77	*0.06*
Finland						3535	**14.4**	*0.26*	1.86	*0.04*
France, Bas-Rhin						563	**13.2**	*0.60*	1.70	*0.08*
France, Calvados						276	**9.2**	*0.61*	1.25	*0.09*
France, Doubs						232	**10.8**	*0.77*	1.31	*0.10*
France, Haut-Rhin						393	**13.2**	*0.71*	1.67	*0.10*
France, Herault						442	**10.2**	*0.54*	1.24	*0.07*
France, Isere						446	**10.0**	*0.51*	1.29	*0.07*
France, Loire-Atlantique						401	**8.0**	*0.44*	1.01	*0.06*
France, Manche						205	**8.7**	*0.68*	1.10	*0.09*
France, Somme						295	**11.5**	*0.74*	1.53	*0.11*
France, Tarn						200	**10.4**	*0.84*	1.31	*0.11*
France, Vendee						235	**8.7**	*0.63*	1.14	*0.09*
Germany, Brandenburg						1611	**12.1**	*0.32*	1.57	*0.05*
Germany, Free State of Saxony						3754	**14.5**	*0.26*	1.82	*0.04*
Germany, Hamburg						620	**6.6**	*0.30*	0.85	*0.04*
Germany, Mecklenburg-Western Pomerania						1159	**12.9**	*0.41*	1.63	*0.06*
Germany, Munich						1544	**12.7**	*0.35*	1.64	*0.05*
Germany, Northrhine-Westphalia: Munster						1407	**11.0**	*0.32*	1.38	*0.04*
Germany, Saarland						809	**13.3**	*0.51*	1.69	*0.07*
Iceland						122	**12.6**	*1.22*	1.49	*0.16*
Ireland						1219	**9.6**	*0.29*	1.20	*0.04*
Italy, Biella Province						144	**13.1**	*1.21*	1.75	*0.16*
Italy, Brescia Province						361	**12.1**	*0.69*	1.46	*0.09*
Italy, Ferrara Province						276	**13.3**	*0.90*	1.67	*0.12*
Italy, Florence and Prato						820	**13.7**	*0.53*	1.58	*0.06*
Italy, Genoa Province						349	**10.0**	*0.62*	1.20	*0.08*
Italy, Macerata Province						105	**11.1**	*1.24*	1.32	*0.15*
Italy, Milan						701	**11.0**	*0.46*	1.38	*0.06*
Italy, Modena Province						492	**15.9**	*0.78*	1.99	*0.10*
Italy, Naples						155	**8.8**	*0.73*	1.09	*0.10*
Italy, North East Cancer Surveillance Network						1182	**10.9**	*0.35*	1.35	*0.05*
Italy, Parma Province						350	**15.0**	*0.92*	1.84	*0.12*
Italy, Ragusa Province						164	**12.3**	*1.04*	1.55	*0.14*
Italy, Reggio Emilia Province						307	**13.4**	*0.85*	1.68	*0.11*
Italy, Romagna Region						650	**12.3**	*0.53*	1.49	*0.07*
Italy, Salerno Province						353	**9.9**	*0.56*	1.23	*0.07*
Italy, Sassari Province						256	**12.3**	*0.82*	1.55	*0.11*
Italy, Syracuse Province						187	**13.9**	*1.08*	1.72	*0.14*
Italy, Sondrio						115	**14.5**	*1.46*	1.74	*0.18*
Italy, Torino						614	**11.4**	*0.51*	1.41	*0.07*
Italy, Umbria Region						571	**13.0**	*0.61*	1.56	*0.08*
Italy, Varese Province						315	**12.4**	*0.76*	1.55	*0.10*
Italy, Veneto Region						919	**11.6**	*0.42*	1.42	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Corpus uteri (C54) (contd)

	Male				Female			
	Cases	ASR(W)		CUM 0-74	Cases	ASR(W)		CUM 0-74	
Europe (contd)									
Latvia					1856	**16.4**	*0.40*	2.06	*0.05*
Lithuania					2424	**16.4**	*0.35*	1.99	*0.04*
Malta					252	**16.5**	*1.08*	2.08	*0.15*
Norway					2760	**14.2**	*0.30*	1.76	*0.04*
Poland, Cracow					485	**14.9**	*0.70*	1.87	*0.09**
Poland, Kielce					662	**13.5**	*0.55*	1.71	*0.07*
Poland, Warsaw City					1012	**12.4**	*0.41*	1.59	*0.05*
Portugal, Porto					874	**7.0**	*0.25*	0.88	*0.03**
Portugal, South Regional					1246	**9.4**	*0.29*	1.18	*0.04*
Russia, St Petersburg					3184	**14.0**	*0.26*	1.73	*0.03*
Serbia					2349	**12.2**	*0.26*	1.46	*0.03*
Slovak Republic					3409	**17.0**	*0.30*	2.16	*0.04*
Slovenia					1402	**16.2**	*0.46*	2.05	*0.06*
Spain, Albacete					141	**10.5**	*0.99*	1.34	*0.13*
Spain, Asturias					575	**10.4**	*0.48*	1.33	*0.06*
Spain, Basque Country					901	**11.4**	*0.41*	1.41	*0.05*
Spain, Canary Islands					597	**11.5**	*0.49*	1.48	*0.07*
Spain, Cuenca					115	**11.9**	*1.30*	1.45	*0.16*
Spain, Girona					314	**13.0**	*0.81*	1.64	*0.11*
Spain, Granada					448	**13.6**	*0.70*	1.71	*0.09*
Spain, Murcia					522	**12.3**	*0.57*	1.51	*0.07*
Spain, Navarra					347	**14.6**	*0.86*	1.73	*0.11*
Spain, Tarragona					269	**12.7**	*0.86*	1.52	*0.11*
Spain, Zaragoza					442	**10.8**	*0.57*	1.35	*0.07*
Sweden					6404	**14.6**	*0.20*	1.89	*0.03*
Switzerland, Geneva					228	**11.2**	*0.81*	1.36	*0.11*
Switzerland, Graubunden and Glarus					108	**10.8**	*1.14*	1.38	*0.16*
Switzerland, Neuchatel					142	**16.9**	*1.57*	2.30	*0.23*
Switzerland, St Gall-Appenzell					262	**11.8**	*0.79*	1.54	*0.11*
Switzerland, Ticino					160	**9.6**	*0.83*	1.23	*0.12*
Switzerland, Valais					150	**13.0**	*1.13*	1.58	*0.15*
Switzerland, Vaud					346	**12.6**	*0.74*	1.65	*0.10*
The Netherlands					7601	**11.3**	*0.14*	1.40	*0.02*
The Netherlands, Eindhoven					487	**11.9**	*0.56*	1.47	*0.08*
The Netherlands, Maastricht					507	**12.6**	*0.59*	1.59	*0.08*
UK, East of England Region					1522	**12.2**	*0.34*	1.57	*0.05*
UK, England, Merseyside and Cheshire					1087	**10.1**	*0.33*	1.26	*0.04*
UK, England, North Western					1843	**10.1**	*0.26*	1.27	*0.03*
UK, England, Northern and Yorkshire					2785	**9.4**	*0.19*	1.19	*0.03*
UK, England, Oxford Region					1114	**10.3**	*0.33*	1.32	*0.05*
UK, England, South and Western Regions					3646	**11.1**	*0.20*	1.39	*0.03*
UK, England, Thames					5776	**9.7**	*0.14*	1.24	*0.02*
UK, England, Trent					2381	**10.8**	*0.24*	1.36	*0.03*
UK, England, West Midlands					2635	**11.2**	*0.24*	1.43	*0.03*
UK, Northern Ireland					618	**9.8**	*0.42*	1.21	*0.06*
UK, Scotland					2291	**10.0**	*0.22*	1.24	*0.03*
Oceania									
Australia, New South Wales					2237	**9.2**	*0.21*	1.12	*0.03*
Australia, Northern Territory					36	**10.3**	*1.84*	1.26	*0.28*
Australia, Queensland					1418	**11.3**	*0.32*	1.40	*0.04*
Australia, South					751	**12.3**	*0.48*	1.53	*0.07*
Australia, Tasmania					164	**8.6**	*0.72*	1.00	*0.10*
Australia, Victoria					2052	**11.5**	*0.27*	1.42	*0.04*
Australia, Western					593	**9.0**	*0.39*	1.09	*0.05*
Australian Capital Territory					81	**8.7**	*1.01*	1.17	*0.15*
French Polynesia					58	**12.9**	*1.74*	1.57	*0.24*
New Zealand					1473	**11.0**	*0.30*	1.38	*0.04*
USA, Hawaii					806	**19.0**	*0.70*	2.20	*0.09*
USA, Hawaii: Chinese					46	**13.1**	*2.04*	1.58	*0.26*
USA, Hawaii: Filipino					111	**16.9**	*1.63*	1.85	*0.19*
USA, Hawaii: Hawaiian					158	**28.0**	*2.27*	3.29	*0.30*
USA, Hawaii: Japanese					216	**19.6**	*1.49*	2.14	*0.16*
USA, Hawaii: White					208	**19.5**	*1.43*	2.39	*0.20*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Uterus unspecified (C55)

	Male			Female				
	Cases	ASR(W)	CUM 0-74	Cases	ASR(W)		CUM 0-74	
Africa								
Algeria, Setif				6	**0.3**	*0.14*	-	- *
Egypt, Gharbiah				17	**0.3**	*0.09*	-	-
Tunisia, Centre, Sousse				5	**0.5**	*0.22*	-	- *
Uganda, Kyadondo County				19	**1.7**	*0.47*	-	- *
Zimbabwe, Harare: African				24	**1.9**	*0.43*	-	- *
America, Central and South								
Argentina, Bahia Blanca				8	**0.8**	*0.30*	0.09	*0.04*
Brazil, Brasilia				176	**5.6**	*0.46*	0.61	*0.06*
Brazil, Cuiaba				54	**7.3**	*1.04*	0.84	*0.15*
Brazil, Goiania				19	**1.0**	*0.24*	0.09	*0.03*
Brazil, Sao Paulo				915	**3.3**	*0.11*	0.36	*0.02*
Chile, Valdivia				6	**0.7**	*0.27*	0.07	*0.03*
Colombia, Cali				41	**0.9**	*0.14*	0.08	*0.02*
Costa Rica				57	**0.7**	*0.09*	0.07	*0.01*
Ecuador, Quito				50	**1.2**	*0.19*	0.11	*0.03*
France, La Martinique				16	**1.3**	*0.34*	0.14	*0.04*
Peru, Trujillo				0	**-**	-	-	- *
America, North								
Canada (Excluding Quebec, Yukon and Nunavut)				290	**0.3**	*0.02*	0.02	*0.00*
Canada, Alberta				24	**0.2**	*0.04*	0.02	*0.01*
Canada, British Columbia				33	**0.1**	*0.03*	0.01	*0.00*
Canada, Manitoba				14	**0.2**	*0.07*	0.01	*0.01*
Canada, New Brunswick				5	**0.1**	*0.05*	0.00	*0.00*
Canada, Newfoundland and Labrador				5	**0.2**	*0.10*	0.02	*0.01*
Canada, Northwest Territories				0	**-**	-	-	-
Canada, Nova Scotia				16	**0.3**	*0.09*	0.03	*0.01*
Canada, Ontario				174	**0.3**	*0.03*	0.03	*0.00*
Canada, Prince Edward Island				2	**0.3**	*0.28*	0.03	*0.03*
Canada, Saskatchewan				17	**0.4**	*0.12*	0.04	*0.01*
USA, Alabama				65	**0.4**	*0.05*	0.04	*0.01*
USA, Alabama: Black				25	**0.7**	*0.15*	0.10	*0.02*
USA, Alabama: White				39	**0.3**	*0.05*	0.03	*0.01*
USA, Alaska				5	**0.2**	*0.11*	0.01	*0.01*
USA, Arizona				98	**0.5**	*0.06*	0.05	*0.01*
USA, California				375	**0.3**	*0.02*	0.03	*0.00*
USA, California: Asian and Pacific Islander				28	**0.2**	*0.04*	0.03	*0.01*
USA, California: Black				41	**0.5**	*0.09*	0.05	*0.01*
USA, California: Hispanic White				67	**0.3**	*0.04*	0.03	*0.00*
USA, California: Non-Hispanic White				232	**0.3**	*0.02*	0.03	*0.00*
USA, California, Greater San Francisco Bay Area				61	**0.2**	*0.04*	0.03	*0.00*
USA, California, Greater San Francisco Bay Area: Black				10	**0.6**	*0.21*	0.04	*0.02*
USA, California, Greater San Francisco Bay Area: Chinese				2	**0.1**	*0.08*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Filipino				0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Japanese				0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White				5	**0.2**	*0.08*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White				36	**0.2**	*0.04*	0.03	*0.01*
USA, California, Los Angeles County				80	**0.2**	*0.03*	0.02	*0.00*
USA, California, Los Angeles County: Black				17	**0.4**	*0.12*	0.05	*0.02*
USA, California, Los Angeles County: Chinese				3	**0.2**	*0.10*	0.02	*0.02*
USA, California, Los Angeles County: Filipino				5	**0.4**	*0.20*	0.07	*0.04*
USA, California, Los Angeles County: Japanese				1	**0.2**	*0.22*	0.02	*0.02*
USA, California, Los Angeles County: Korean				0	**-**	-	-	-
USA, California, Los Angeles County: Hispanic White				25	**0.3**	*0.06*	0.03	*0.01*
USA, California, Los Angeles County: Non-Hispanic White				26	**0.1**	*0.03*	0.01	*0.00*
USA, Colorado				15	**0.1**	*0.03*	0.01	*0.00*
USA, Connecticut				74	**0.5**	*0.06*	0.05	*0.01*
USA, Connecticut: Black				5	**0.4**	*0.17*	0.02	*0.01*
USA, Connecticut: White				68	**0.5**	*0.07*	0.05	*0.01*
USA, District of Columbia				30	**1.3**	*0.26*	0.15	*0.03*
USA, District of Columbia: Black				20	**1.3**	*0.32*	0.15	*0.04*
USA, District of Columbia: White				10	**1.5**	*0.52*	0.14	*0.06*
USA, Florida				435	**0.5**	*0.03*	0.06	*0.00*
USA, Florida: Black				68	**1.0**	*0.12*	0.12	*0.02*
USA, Florida: White				365	**0.5**	*0.03*	0.05	*0.00*
USA, Georgia				127	**0.4**	*0.04*	0.04	*0.01*
USA, Georgia: Black				46	**0.6**	*0.10*	0.07	*0.01*
USA, Georgia: White				80	**0.4**	*0.04*	0.04	*0.01*
USA, Georgia, Atlanta				32	**0.3**	*0.06*	0.03	*0.01*
USA, Georgia, Atlanta: Black				9	**0.3**	*0.12*	0.04	*0.02*
USA, Georgia, Atlanta: White				22	**0.3**	*0.08*	0.03	*0.01*
USA, Idaho				34	**0.7**	*0.13*	0.08	*0.02*
USA, Illinois				343	**0.7**	*0.04*	0.08	*0.01*
USA, Illinois: Black				80	**1.3**	*0.15*	0.15	*0.02*
USA, Illinois: White				254	**0.6**	*0.04*	0.06	*0.01*
USA, Indiana				79	**0.3**	*0.04*	0.03	*0.01*
USA, Iowa				49	**0.4**	*0.06*	0.05	*0.01*
USA, Kentucky				66	**0.4**	*0.05*	0.04	*0.01*
USA, Louisiana				71	**0.4**	*0.05*	0.05	*0.01*
USA, Louisiana: Black				29	**0.6**	*0.11*	0.07	*0.02*
USA, Louisiana: White				42	**0.4**	*0.06*	0.04	*0.01*
USA, Louisiana, New Orleans: Black				6	**0.4**	*0.16*	0.03	*0.02*
USA, Louisiana, New Orleans: White				11	**0.4**	*0.14*	0.04	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Uterus unspecified (C55) (contd)

	Male			Female			
	Cases	ASR(W)	CUM 0-74	Cases	ASR(W)		CUM 0-74	
America, North (contd)								
USA, Maine				26	**0.5**	*0.11*	0.05	*0.01*
USA, Massachusetts				147	**0.5**	*0.05*	0.05	*0.01*
USA, Michigan				233	**0.5**	*0.04*	0.06	*0.01*
USA, Michigan: Black				40	**0.9**	*0.15*	0.10	*0.02*
USA, Michigan: White				191	**0.5**	*0.04*	0.05	*0.01*
USA, Michigan, Detroit				70	**0.4**	*0.06*	0.04	*0.01*
USA, Michigan, Detroit: Black				24	**0.7**	*0.16*	0.08	*0.02*
USA, Michigan, Detroit: White				45	**0.3**	*0.05*	0.03	*0.01*
USA, Missouri				147	**0.5**	*0.05*	0.06	*0.01*
USA, Missouri: Black				13	**0.6**	*0.17*	0.07	*0.03*
USA, Missouri: White				133	**0.5**	*0.05*	0.06	*0.01*
USA, Montana				0	**-**	-	-	-
USA, NPCR				4929	**0.5**	*0.01*	0.06	*0.00*
USA, NPCR: Black				866	**1.0**	*0.03*	0.12	*0.00*
USA, NPCR: White				3906	**0.5**	*0.01*	0.05	*0.00*
USA, New Jersey				267	**0.7**	*0.05*	0.09	*0.01*
USA, New Jersey: Black				59	**1.4**	*0.19*	0.17	*0.03*
USA, New Jersey: White				206	**0.7**	*0.05*	0.08	*0.01*
USA, New Mexico				36	**0.4**	*0.08*	0.03	*0.01*
USA, New Mexico: American Indian				5	**0.8**	*0.35*	0.04	*0.02*
USA, New Mexico: Hispanic White				9	**0.4**	*0.14*	0.04	*0.02*
USA, New Mexico: Non-Hispanic White				20	**0.3**	*0.08*	0.02	*0.01*
USA, New York State				579	**0.7**	*0.03*	0.08	*0.00*
USA, New York State: Black				147	**1.4**	*0.12*	0.16	*0.02*
USA, New York State: White				414	**0.6**	*0.03*	0.07	*0.00*
USA, Ohio				285	**0.6**	*0.04*	0.06	*0.00*
USA, Ohio: Black				45	**1.0**	*0.15*	0.13	*0.02*
USA, Ohio: White				238	**0.5**	*0.04*	0.05	*0.00*
USA, Oklahoma				190	**1.3**	*0.10*	0.14	*0.01*
USA, Oregon				27	**0.2**	*0.04*	0.02	*0.00*
USA, Pennsylvania				143	**0.2**	*0.02*	0.02	*0.00*
USA, Pennsylvania: Black				17	**0.3**	*0.09*	0.03	*0.01*
USA, Pennsylvania: White				123	**0.2**	*0.02*	0.02	*0.00*
USA, Rhode Island				15	**0.3**	*0.08*	0.03	*0.01*
USA, SEER (9 Registries)				351	**0.3**	*0.02*	0.03	*0.00*
USA, SEER (9 Registries): Black				53	**0.6**	*0.08*	0.06	*0.01*
USA, SEER (9 Registries): White				265	**0.3**	*0.02*	0.03	*0.00*
USA, SEER (14 Registries)				1092	**0.4**	*0.01*	0.04	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander				43	**0.2**	*0.03*	0.02	*0.00*
USA, SEER (14 Registries): Black				177	**0.7**	*0.05*	0.08	*0.01*
USA, SEER (14 Registries): Hispanic White				100	**0.4**	*0.04*	0.03	*0.00*
USA, SEER (14 Registries): Non-Hispanic White				753	**0.3**	*0.01*	0.04	*0.00*
USA, South Carolina				87	**0.5**	*0.06*	0.06	*0.01*
USA, South Carolina: Black				34	**0.9**	*0.16*	0.12	*0.02*
USA, South Carolina: White				53	**0.4**	*0.07*	0.04	*0.01*
USA, Texas				642	**0.9**	*0.04*	0.10	*0.00*
USA, Texas: Black				130	**1.8**	*0.16*	0.19	*0.02*
USA, Texas: White				488	**0.8**	*0.04*	0.09	*0.00*
USA, Utah				9	**0.1**	*0.04*	0.01	*0.00*
USA, Vermont				8	**0.3**	*0.11*	0.03	*0.01*
USA, Washington State				74	**0.3**	*0.04*	0.03	*0.00*
USA, Washington, Seattle				26	**0.1**	*0.03*	0.01	*0.00*
USA, West Virginia				36	**0.4**	*0.08*	0.04	*0.01*
USA, Wisconsin				212	**0.9**	*0.07*	0.10	*0.01*
Asia								
Bahrain: Bahraini				9	**1.5**	*0.53*	0.18	*0.06*
China, Guangzhou City				13	**0.2**	*0.06*	0.02	*0.01**
China, Hong Kong				30	**0.2**	*0.03*	0.02	*0.00*
China, Jiashan				3	**0.2**	*0.13*	0.04	*0.02**
China, Nangang District, Harbin City				0	**-**	-	-	-
China, Shanghai				190	**0.7**	*0.06*	0.07	*0.01**
China, Zhongshan				27	**0.8**	*0.16*	0.09	*0.02**
Cyprus				11	**0.4**	*0.15*	0.04	*0.01**
India, Chennai (Madras)				47	**0.5**	*0.08*	0.06	*0.01*
India, New Delhi				125	**0.7**	*0.07*	0.09	*0.01**
India, Karunagappally				1	**0.1**	*0.12*	0.01	*0.01*
India, Mumbai (Bombay)				189	**1.0**	*0.07*	0.11	*0.01*
India, Nagpur				14	**0.3**	*0.09*	0.03	*0.01**
India, Poona				31	**0.5**	*0.09*	0.06	*0.01**
India, Trivandrum				14	**0.4**	*0.12*	0.05	*0.02**
Israel				292	**1.6**	*0.10*	0.18	*0.01*
Israel: Jews				262	**1.5**	*0.10*	0.19	*0.01*
Israel: Non-Jews				18	**1.1**	*0.25*	0.11	*0.03*
Japan, Aichi Prefecture				26	**0.6**	*0.13*	0.06	*0.02*
Japan, Fukui Prefecture				38	**0.6**	*0.13*	0.05	*0.01*
Japan, Hiroshima				10	**0.2**	*0.06*	0.02	*0.01*
Japan, Miyagi Prefecture				99	**0.7**	*0.08*	0.07	*0.01*
Japan, Nagasaki Prefecture				75	**0.8**	*0.11*	0.07	*0.01*
Japan, Osaka Prefecture				532	**1.1**	*0.05*	0.10	*0.01*
Japan, Yamagata Prefecture				42	**0.4**	*0.08*	0.03	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Uterus unspecified (C55) (contd)

	Male			Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea						626	**0.5**	*0.02*	0.05	*0.00*
Korea, Busan						61	**0.5**	*0.07*	0.07	*0.01*
Korea, Daegu						35	**0.5**	*0.08*	0.04	*0.01*
Korea, Daejeon						16	**0.4**	*0.10*	0.02	*0.01*
Korea, Gwangju						20	**0.5**	*0.12*	0.06	*0.02*
Korea, Incheon						39	**0.6**	*0.09*	0.07	*0.01*
Korea, Jejudo						2	**0.2**	*0.11*	0.02	*0.02*
Korea, Seoul						157	**0.6**	*0.05*	0.05	*0.01*
Korea, Ulsan						19	**0.7**	*0.16*	0.05	*0.01*
Kuwait: Kuwaitis						9	**0.7**	*0.25*	0.07	*0.03*
Kuwait: Non-Kuwaitis						15	**1.4**	*0.51*	0.20	*0.09*
Malaysia, Penang						20	**0.8**	*0.19*	0.09	*0.02*
Malaysia, Sarawak						31	**0.7**	*0.13*	0.07	*0.01*
Oman: Omani						22	**1.2**	*0.28*	0.16	*0.05**
Pakistan, South Karachi						5	**0.2**	*0.12*	0.03	*0.01**
Philippines, Manila						196	**2.1**	*0.16*	0.23	*0.02**
Singapore						0	**-**	-	-	-
Singapore: Chinese						0	**-**	-	-	-
Singapore: Indian						0	**-**	-	-	-
Singapore: Malay						0	**-**	-	-	-
Thailand, Chiang Mai						2	**0.1**	*0.04*	0.00	*0.00**
Thailand, Lampang						0	**-**	-	-	- *
Thailand, Songkhla						3	**0.1**	*0.06*	0.01	*0.01*
Turkey, Antalya						22	**0.7**	*0.14*	0.06	*0.02**
Turkey, Izmir						21	**0.2**	*0.05*	0.02	*0.01**
Europe										
Austria						245	**0.4**	*0.03*	0.04	*0.00*
Austria, Tyrol						1	**0.0**	*0.01*	-	-
Austria, Vorarlberg						6	**0.3**	*0.12*	0.03	*0.02*
Belarus						194	**0.5**	*0.04*	0.06	*0.00**
Belgium, Antwerp						5	**0.1**	*0.04*	0.01	*0.00**
Belgium, Flanders						181	**0.8**	*0.07*	0.09	*0.01*
Bulgaria						238	**0.7**	*0.05*	0.07	*0.01**
Croatia						129	**0.5**	*0.05*	0.04	*0.01*
Czech Republic						265	**0.5**	*0.03*	0.05	*0.00*
Denmark						136	**0.5**	*0.05*	0.06	*0.01*
Estonia						9	**0.1**	*0.04*	0.01	*0.00*
Finland						74	**0.2**	*0.03*	0.02	*0.00*
France, Bas-Rhin						36	**0.8**	*0.14*	0.08	*0.02*
France, Calvados						6	**0.2**	*0.07*	0.02	*0.01*
France, Doubs						5	**0.3**	*0.13*	0.03	*0.02*
France, Haut-Rhin						2	**0.1**	*0.05*	0.00	*0.00*
France, Herault						3	**0.1**	*0.06*	0.01	*0.01*
France, Isere						14	**0.3**	*0.08*	0.02	*0.01*
France, Loire-Atlantique						47	**1.0**	*0.16*	0.11	*0.02*
France, Manche						6	**0.2**	*0.11*	0.02	*0.01*
France, Somme						33	**1.2**	*0.25*	0.11	*0.03*
France, Tarn						9	**0.2**	*0.11*	0.02	*0.01*
France, Vendee						19	**0.6**	*0.16*	0.07	*0.02*
Germany, Brandenburg						83	**0.5**	*0.06*	0.05	*0.01*
Germany, Free State of Saxony						148	**0.4**	*0.04*	0.03	*0.00*
Germany, Hamburg						183	**1.6**	*0.14*	0.16	*0.02*
Germany, Mecklenburg-Western Pomerania						65	**0.5**	*0.07*	0.04	*0.01*
Germany, Munich						72	**0.5**	*0.07*	0.05	*0.01*
Germany, Northrhine-Westphalia: Munster						154	**0.9**	*0.09*	0.08	*0.01*
Germany, Saarland						38	**0.5**	*0.09*	0.05	*0.01*
Iceland						0	**-**	-	-	-
Ireland						89	**0.7**	*0.07*	0.08	*0.01*
Italy, Biella Province						0	**-**	-	-	-
Italy, Brescia Province						8	**0.2**	*0.09*	0.02	*0.01*
Italy, Ferrara Province						10	**0.4**	*0.13*	0.04	*0.02*
Italy, Florence and Prato						47	**0.4**	*0.08*	0.03	*0.01*
Italy, Genoa Province						20	**0.3**	*0.10*	0.03	*0.01*
Italy, Macerata Province						11	**1.0**	*0.37*	0.11	*0.04*
Italy, Milan						18	**0.2**	*0.06*	0.02	*0.01*
Italy, Modena Province						1	**0.0**	*0.05*	0.00	*0.00*
Italy, Naples						42	**2.1**	*0.35*	0.20	*0.04*
Italy, North East Cancer Surveillance Network						174	**1.5**	*0.13*	0.17	*0.02*
Italy, Parma Province						5	**0.1**	*0.05*	0.01	*0.01*
Italy, Ragusa Province						14	**0.6**	*0.19*	0.05	*0.03*
Italy, Reggio Emilia Province						16	**0.4**	*0.14*	0.04	*0.02*
Italy, Romagna Region						30	**0.4**	*0.09*	0.04	*0.01*
Italy, Salerno Province						58	**1.4**	*0.21*	0.17	*0.03*
Italy, Sassari Province						14	**0.4**	*0.12*	0.03	*0.02*
Italy, Syracuse Province						22	**1.1**	*0.27*	0.12	*0.04*
Italy, Sondrio						6	**0.6**	*0.30*	0.06	*0.03*
Italy, Torino						18	**0.1**	*0.03*	0.00	*0.00*
Italy, Umbria Region						22	**0.4**	*0.11*	0.05	*0.01*
Italy, Varese Province						6	**0.2**	*0.08*	0.01	*0.01*
Italy, Veneto Region						142	**1.8**	*0.17*	0.19	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Uterus unspecified (C55) (contd)

	Male				Female			
	Cases	ASR(W)		CUM 0-74	Cases	ASR(W)		CUM 0-74	
Europe (contd)									
Latvia					22	**0.1**	*0.03*	0.01	*0.00*
Lithuania					131	**0.8**	*0.08*	0.09	*0.01*
Malta					6	**0.3**	*0.14*	0.03	*0.02*
Norway					53	**0.2**	*0.03*	0.02	*0.00*
Poland, Cracow					16	**0.5**	*0.12*	0.05	*0.01**
Poland, Kielce					49	**1.0**	*0.15*	0.10	*0.02*
Poland, Warsaw City					22	**0.2**	*0.06*	0.03	*0.01*
Portugal, Porto					132	**1.1**	*0.10*	0.12	*0.01**
Portugal, South Regional					127	**0.7**	*0.07*	0.07	*0.01*
Russia, St Petersburg					61	**0.2**	*0.03*	0.03	*0.00*
Serbia					313	**1.6**	*0.10*	0.18	*0.01*
Slovak Republic					83	**0.3**	*0.04*	0.03	*0.00*
Slovenia					53	**0.5**	*0.08*	0.06	*0.01*
Spain, Albacete					11	**0.9**	*0.33*	0.07	*0.03*
Spain, Asturias					48	**0.8**	*0.14*	0.09	*0.02*
Spain, Basque Country					52	**0.6**	*0.10*	0.06	*0.01*
Spain, Canary Islands					19	**0.3**	*0.07*	0.03	*0.01*
Spain, Cuenca					9	**1.1**	*0.43*	0.10	*0.04*
Spain, Girona					14	**0.5**	*0.16*	0.06	*0.02*
Spain, Granada					4	**0.1**	*0.03*	0.01	*0.01*
Spain, Murcia					8	**0.1**	*0.05*	0.01	*0.01*
Spain, Navarra					10	**0.3**	*0.12*	0.04	*0.02*
Spain, Tarragona					17	**0.7**	*0.19*	0.08	*0.02*
Spain, Zaragoza					13	**0.2**	*0.08*	0.03	*0.01*
Sweden					664	**1.7**	*0.07*	0.19	*0.01*
Switzerland, Geneva					6	**0.2**	*0.09*	0.04	*0.02*
Switzerland, Graubunden and Glarus					3	**0.3**	*0.19*	0.03	*0.02*
Switzerland, Neuchatel					1	**0.0**	*0.04*	-	-
Switzerland, St Gall-Appenzell					4	**0.1**	*0.03*	-	-
Switzerland, Ticino					26	**1.5**	*0.32*	0.20	*0.05*
Switzerland, Valais					6	**0.3**	*0.15*	0.03	*0.02*
Switzerland, Vaud					3	**0.0**	*0.02*	-	-
The Netherlands					36	**0.1**	*0.01*	0.01	*0.00*
The Netherlands, Eindhoven					0	**-**	-	-	-
The Netherlands, Maastricht					0	**-**	-	-	-
UK, East of England Region					44	**0.3**	*0.05*	0.03	*0.01*
UK, England, Merseyside and Cheshire					92	**0.8**	*0.09*	0.09	*0.01*
UK, England, North Western					122	**0.6**	*0.06*	0.07	*0.01*
UK, England, Northern and Yorkshire					246	**0.7**	*0.05*	0.08	*0.01*
UK, England, Oxford Region					72	**0.7**	*0.08*	0.07	*0.01*
UK, England, South and Western Regions					224	**0.5**	*0.04*	0.06	*0.01*
UK, England, Thames					335	**0.4**	*0.03*	0.05	*0.00*
UK, England, Trent					187	**0.8**	*0.06*	0.08	*0.01*
UK, England, West Midlands					207	**0.8**	*0.06*	0.08	*0.01*
UK, Northern Ireland					25	**0.3**	*0.06*	0.02	*0.01*
UK, Scotland					214	**0.9**	*0.06*	0.11	*0.01*
Oceania									
Australia, New South Wales					138	**0.5**	*0.05*	0.06	*0.01*
Australia, Northern Territory					0	**-**	-	-	-
Australia, Queensland					43	**0.3**	*0.05*	0.03	*0.01*
Australia, South					0	**-**	-	-	-
Australia, Tasmania					4	**0.2**	*0.09*	0.02	*0.01*
Australia, Victoria					109	**0.5**	*0.06*	0.05	*0.01*
Australia, Western					10	**0.1**	*0.05*	0.01	*0.00*
Australian Capital Territory					7	**0.6**	*0.25*	0.07	*0.04*
French Polynesia					15	**3.3**	*0.86*	0.34	*0.10*
New Zealand					30	**0.2**	*0.03*	0.02	*0.00*
USA, Hawaii					15	**0.3**	*0.08*	0.04	*0.01*
USA, Hawaii: Chinese					0	**-**	-	-	-
USA, Hawaii: Filipino					3	**0.3**	*0.20*	0.02	*0.02*
USA, Hawaii: Hawaiian					3	**0.6**	*0.37*	0.08	*0.05*
USA, Hawaii: Japanese					5	**0.3**	*0.16*	0.03	*0.02*
USA, Hawaii: White					3	**0.3**	*0.18*	0.04	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Ovary (C56)

	Male				Female			
	Cases	ASR(W)		CUM 0-74	Cases	ASR(W)		CUM 0-74	
Africa									
Algeria, Setif					53	**2.1**	*0.31*	-	- *
Egypt, Gharbiah					290	**5.1**	*0.31*	-	-
Tunisia, Centre, Sousse					34	**3.3**	*0.57*	-	- *
Uganda, Kyadondo County					114	**8.1**	*0.92*	-	- *
Zimbabwe, Harare: African					122	**6.8**	*0.79*	-	- *
America, Central and South									
Argentina, Bahia Blanca					97	**9.1**	*1.00*	1.05	*0.13*
Brazil, Brasilia					331	**11.0**	*0.66*	1.25	*0.09*
Brazil, Cuiaba					52	**6.2**	*0.90*	0.66	*0.12*
Brazil, Goiania					126	**6.6**	*0.61*	0.72	*0.08*
Brazil, Sao Paulo					3197	**11.6**	*0.21*	1.34	*0.03*
Chile, Valdivia					81	**8.6**	*0.98*	0.87	*0.11*
Colombia, Cali					426	**9.5**	*0.47*	1.10	*0.06*
Costa Rica					483	**5.9**	*0.28*	0.67	*0.04*
Ecuador, Quito					207	**6.4**	*0.46*	0.72	*0.06*
France, La Martinique					70	**5.2**	*0.66*	0.52	*0.07*
Peru, Trujillo					68	**6.0**	*0.75*	0.64	*0.09**
America, North									
Canada (Excluding Quebec, Yukon and Nunavut)					8326	**9.4**	*0.11*	1.07	*0.01*
Canada, Alberta					815	**8.3**	*0.31*	0.95	*0.04*
Canada, British Columbia					1365	**8.3**	*0.24*	0.93	*0.03*
Canada, Manitoba					428	**9.5**	*0.51*	1.08	*0.06*
Canada, New Brunswick					283	**9.4**	*0.61*	1.09	*0.08*
Canada, Newfoundland and Labrador					137	**7.3**	*0.65*	0.85	*0.08*
Canada, Northwest Territories					4	**3.9**	*2.07*	0.11	*0.07*
Canada, Nova Scotia					342	**8.8**	*0.52*	1.02	*0.07*
Canada, Ontario					4580	**10.3**	*0.16*	1.17	*0.02*
Canada, Prince Edward Island					46	**8.1**	*1.33*	0.79	*0.15*
Canada, Saskatchewan					326	**8.0**	*0.50*	0.90	*0.06*
USA, Alabama					1721	**9.5**	*0.25*	1.12	*0.03*
USA, Alabama: Black					270	**6.9**	*0.45*	0.82	*0.06*
USA, Alabama: White					1431	**10.2**	*0.29*	1.20	*0.04*
USA, Alaska					129	**8.3**	*0.76*	0.94	*0.10*
USA, Arizona					1702	**8.8**	*0.23*	0.99	*0.03*
USA, California					11298	**9.9**	*0.10*	1.13	*0.01*
USA, California: Asian and Pacific Islander					996	**7.5**	*0.24*	0.81	*0.03*
USA, California: Black					478	**6.6**	*0.31*	0.76	*0.04*
USA, California: Hispanic White					1758	**8.7**	*0.22*	0.99	*0.03*
USA, California: Non-Hispanic White					7981	**11.0**	*0.14*	1.28	*0.02*
USA, California, Greater San Francisco Bay Area					2275	**9.9**	*0.22*	1.12	*0.03*
USA, California, Greater San Francisco Bay Area: Black					121	**7.2**	*0.68*	0.81	*0.09*
USA, California, Greater San Francisco Bay Area: Chinese					130	**7.7**	*0.73*	0.79	*0.08*
USA, California, Greater San Francisco Bay Area: Filipino					83	**7.2**	*0.81*	0.78	*0.10*
USA, California, Greater San Francisco Bay Area: Japanese					31	**7.7**	*1.47*	0.82	*0.16*
USA, California, Greater San Francisco Bay Area: Hispanic White					226	**8.5**	*0.58*	0.98	*0.08*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White					1562	**11.1**	*0.31*	1.29	*0.04*
USA, California, Los Angeles County					2961	**9.7**	*0.19*	1.11	*0.02*
USA, California, Los Angeles County: Black					216	**6.4**	*0.46*	0.74	*0.06*
USA, California, Los Angeles County: Chinese					104	**8.2**	*0.84*	0.86	*0.10*
USA, California, Los Angeles County: Filipino					86	**8.6**	*0.94*	0.96	*0.11*
USA, California, Los Angeles County: Japanese					52	**9.8**	*1.44*	1.12	*0.17*
USA, California, Los Angeles County: Korean					40	**6.0**	*0.98*	0.68	*0.13*
USA, California, Los Angeles County: Hispanic White					739	**8.9**	*0.34*	0.99	*0.05*
USA, California, Los Angeles County: Non-Hispanic White					1633	**11.7**	*0.33*	1.36	*0.04*
USA, Colorado					1467	**10.2**	*0.28*	1.17	*0.04*
USA, Connecticut					1412	**10.0**	*0.29*	1.16	*0.04*
USA, Connecticut: Black					45	**4.8**	*0.73*	0.58	*0.10*
USA, Connecticut: White					1340	**10.4**	*0.32*	1.21	*0.04*
USA, District of Columbia					193	**9.0**	*0.71*	1.02	*0.09*
USA, District of Columbia: Black					123	**8.4**	*0.82*	0.96	*0.10*
USA, District of Columbia: White					59	**9.4**	*1.42*	0.99	*0.17*
USA, Florida					7411	**10.1**	*0.13*	1.16	*0.02*
USA, Florida: Black					510	**7.1**	*0.33*	0.80	*0.05*
USA, Florida: White					6817	**10.6**	*0.15*	1.21	*0.02*
USA, Georgia					2573	**9.3**	*0.19*	1.09	*0.03*
USA, Georgia: Black					477	**7.2**	*0.35*	0.82	*0.05*
USA, Georgia: White					2061	**10.0**	*0.23*	1.18	*0.03*
USA, Georgia, Atlanta					843	**9.9**	*0.36*	1.18	*0.05*
USA, Georgia, Atlanta: Black					206	**8.2**	*0.61*	0.94	*0.09*
USA, Georgia, Atlanta: White					612	**10.7**	*0.46*	1.29	*0.06*
USA, Idaho					440	**9.4**	*0.49*	1.04	*0.06*
USA, Illinois					4556	**9.8**	*0.16*	1.12	*0.02*
USA, Illinois: Black					417	**7.0**	*0.35*	0.78	*0.05*
USA, Illinois: White					3987	**10.2**	*0.18*	1.17	*0.02*
USA, Indiana					2204	**9.5**	*0.22*	1.10	*0.03*
USA, Iowa					1275	**10.3**	*0.33*	1.16	*0.04*
USA, Kentucky					1516	**9.7**	*0.27*	1.09	*0.03*
USA, Louisiana					1438	**8.7**	*0.25*	1.01	*0.03*
USA, Louisiana: Black					322	**7.2**	*0.42*	0.84	*0.06*
USA, Louisiana: White					1111	**9.5**	*0.31*	1.10	*0.04*
USA, Louisiana, New Orleans: Black					106	**7.9**	*0.80*	0.91	*0.11*
USA, Louisiana, New Orleans: White					234	**10.0**	*0.73*	1.14	*0.09*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Ovary (C56) (contd)

	Male			Female			
	Cases	ASR(W)	CUM 0-74	Cases	ASR(W)	CUM 0-74	
America, North (contd)							
USA, Maine				538	**9.6** *0.46*	1.10 *0.06*	
USA, Massachusetts				2656	**10.4** *0.22*	1.18 *0.03*	
USA, Michigan				3771	**9.9** *0.18*	1.14 *0.02*	
USA, Michigan: Black				336	**7.4** *0.43*	0.85 *0.06*	
USA, Michigan: White				3385	**10.4** *0.19*	1.18 *0.02*	
USA, Michigan, Detroit				1586	**10.0** *0.27*	1.14 *0.04*	
USA, Michigan, Detroit: Black				258	**7.4** *0.49*	0.85 *0.07*	
USA, Michigan, Detroit: White				1313	**11.0** *0.34*	1.25 *0.04*	
USA, Missouri				2101	**9.2** *0.22*	1.05 *0.03*	
USA, Missouri: Black				131	**6.4** *0.59*	0.72 *0.08*	
USA, Missouri: White				1950	**9.6** *0.24*	1.08 *0.03*	
USA, Montana				394	**10.9** *0.60*	1.25 *0.08*	
USA, NPCR				84293	**9.9** *0.04*	1.14 *0.00*	
USA, NPCR: Black				5946	**6.9** *0.09*	0.79 *0.01*	
USA, NPCR: White				75272	**10.3** *0.04*	1.19 *0.01*	
USA, New Jersey				3942	**11.7** *0.20*	1.32 *0.03*	
USA, New Jersey: Black				320	**8.1** *0.47*	0.90 *0.06*	
USA, New Jersey: White				3473	**12.3** *0.23*	1.40 *0.03*	
USA, New Mexico				602	**9.2** *0.40*	1.07 *0.05*	
USA, New Mexico: American Indian				47	**10.9** *1.62*	1.27 *0.22*	
USA, New Mexico: Hispanic White				166	**7.9** *0.64*	0.90 *0.08*	
USA, New Mexico: Non-Hispanic White				382	**10.1** *0.57*	1.17 *0.07*	
USA, New York State				8177	**11.0** *0.13*	1.25 *0.02*	
USA, New York State: Black				818	**8.1** *0.29*	0.92 *0.04*	
USA, New York State: White				7068	**11.6** *0.15*	1.33 *0.02*	
USA, Ohio				4229	**9.3** *0.16*	1.07 *0.02*	
USA, Ohio: Black				255	**5.9** *0.39*	0.68 *0.05*	
USA, Ohio: White				3886	**9.6** *0.17*	1.11 *0.02*	
USA, Oklahoma				1302	**9.5** *0.29*	1.08 *0.04*	
USA, Oregon				1325	**9.8** *0.29*	1.13 *0.04*	
USA, Pennsylvania				5647	**10.6** *0.16*	1.21 *0.02*	
USA, Pennsylvania: Black				301	**6.7** *0.41*	0.76 *0.05*	
USA, Pennsylvania: White				5213	**10.8** *0.17*	1.23 *0.02*	
USA, Rhode Island				426	**10.1** *0.55*	1.13 *0.07*	
USA, SEER (9 Registries)				9907	**10.1** *0.11*	1.15 *0.01*	
USA, SEER (9 Registries): Black				657	**7.2** *0.29*	0.83 *0.04*	
USA, SEER (9 Registries): White				8477	**10.6** *0.13*	1.23 *0.02*	
USA, SEER (14 Registries)				26634	**10.0** *0.07*	1.15 *0.01*	
USA, SEER (14 Registries): Asian and Pacific Islander				1518	**7.4** *0.19*	0.79 *0.02*	
USA, SEER (14 Registries): Black				1762	**7.2** *0.18*	0.82 *0.02*	
USA, SEER (14 Registries): Hispanic White				2344	**8.7** *0.19*	0.98 *0.03*	
USA, SEER (14 Registries): Non-Hispanic White				20761	**10.9** *0.08*	1.26 *0.01*	
USA, South Carolina				1361	**8.6** *0.25*	1.00 *0.03*	
USA, South Carolina: Black				273	**6.8** *0.44*	0.75 *0.06*	
USA, South Carolina: White				1069	**9.1** *0.30*	1.07 *0.04*	
USA, Texas				5991	**8.7** *0.12*	0.98 *0.02*	
USA, Texas: Black				478	**6.8** *0.32*	0.78 *0.05*	
USA, Texas: White				5358	**9.0** *0.13*	1.01 *0.02*	
USA, Utah				601	**9.6** *0.41*	1.06 *0.05*	
USA, Vermont				223	**9.4** *0.67*	1.09 *0.09*	
USA, Washington State				2414	**11.3** *0.25*	1.33 *0.03*	
USA, Washington, Seattle				1670	**11.4** *0.30*	1.34 *0.04*	
USA, West Virginia				831	**10.3** *0.39*	1.18 *0.05*	
USA, Wisconsin				2179	**10.6** *0.25*	1.23 *0.03*	
Asia							
Bahrain: Bahraini				49	**7.4** *1.10*	0.67 *0.14*	
China, Guangzhou City				322	**5.5** *0.31*	0.60 *0.04**	
China, Hong Kong							
China, Jiashan				47	**3.7** *0.56*	0.38 *0.06**	
China, Nangang District, Harbin City				133	**5.2** *0.46*	0.58 *0.06*	
China, Shanghai				1634	**7.1** *0.19*	0.75 *0.02**	
China, Zhongshan				139	**4.1** *0.35*	0.41 *0.04**	
Cyprus				190	**8.1** *0.61*	0.98 *0.08**	
India, Chennai (Madras)				559	**6.0** *0.26*	0.67 *0.03*	
India, New Delhi				1802	**9.4** *0.23*	1.03 *0.03**	
India, Karunagappally				45	**4.8** *0.73*	0.53 *0.09*	
India, Mumbai (Bombay)				1541	**7.1** *0.19*	0.80 *0.03*	
India, Nagpur				282	**6.4** *0.39*	0.65 *0.04**	
India, Poona				443	**6.8** *0.33*	0.81 *0.05**	
India, Trivandrum				148	**4.8** *0.40*	0.52 *0.05**	
Israel				1741	**9.5** *0.24*	1.10 *0.03*	
Israel: Jews				1617	**9.9** *0.26*	1.14 *0.03*	
Israel: Non-Jews				64	**3.7** *0.48*	0.47 *0.07*	
Japan, Aichi Prefecture				232	**6.3** *0.44*	0.65 *0.05*	
Japan, Fukui Prefecture				239	**6.7** *0.49*	0.72 *0.05*	
Japan, Hiroshima				313	**7.8** *0.46*	0.81 *0.05*	
Japan, Miyagi Prefecture				668	**7.0** *0.29*	0.72 *0.03*	
Japan, Nagasaki Prefecture				448	**6.6** *0.36*	0.68 *0.04*	
Japan, Osaka Prefecture				1994	**5.3** *0.13*	0.56 *0.01*	
Japan, Yamagata Prefecture				352	**6.2** *0.38*	0.64 *0.04*	

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Ovary (C56) (contd)

	Male				Female			
	Cases	ASR(W)		CUM 0-74	Cases	ASR(W)		CUM 0-74	
Asia (contd)									
Korea					5334	**4.9**	*0.07*	0.50	*0.01*
Korea, Busan					565	**5.1**	*0.22*	0.53	*0.03*
Korea, Daegu					340	**4.9**	*0.27*	0.52	*0.03*
Korea, Daejeon					167	**4.7**	*0.38*	0.47	*0.04*
Korea, Gwangju					186	**5.2**	*0.39*	0.55	*0.05*
Korea, Incheon					354	**5.4**	*0.30*	0.56	*0.04*
Korea, Jejudo					43	**4.5**	*0.70*	0.45	*0.08*
Korea, Seoul					1618	**5.9**	*0.15*	0.63	*0.02*
Korea, Ulsan					116	**5.8**	*0.57*	0.59	*0.07*
Kuwait: Kuwaitis					64	**5.4**	*0.72*	0.61	*0.10*
Kuwait: Non-Kuwaitis					60	**5.8**	*1.03*	0.75	*0.18*
Malaysia, Penang					230	**9.7**	*0.65*	1.07	*0.08*
Malaysia, Sarawak					289	**6.7**	*0.41*	0.69	*0.05*
Oman: Omani					111	**6.2**	*0.62*	0.71	*0.09**
Pakistan, South Karachi					201	**8.8**	*0.67*	0.97	*0.09**
Philippines, Manila					1133	**11.8**	*0.37*	1.32	*0.05**
Singapore					771	**8.2**	*0.30*	0.88	*0.04*
Singapore: Chinese					619	**8.0**	*0.33*	0.86	*0.04*
Singapore: Indian					44	**7.1**	*1.12*	0.72	*0.13*
Singapore: Malay					108	**10.1**	*1.01*	1.07	*0.12*
Thailand, Chiang Mai					235	**5.6**	*0.38*	0.60	*0.04**
Thailand, Lampang					124	**5.4**	*0.50*	0.54	*0.05**
Thailand, Songkhla					178	**5.6**	*0.43*	0.58	*0.05*
Turkey, Antalya					195	**6.1**	*0.45*	0.74	*0.06**
Turkey, Izmir					425	**4.9**	*0.24*	0.56	*0.03**
Europe									
Austria					4153	**11.3**	*0.20*	1.25	*0.02*
Austria, Tyrol					338	**12.1**	*0.72*	1.31	*0.09*
Austria, Vorarlberg					128	**9.3**	*0.88*	1.03	*0.11*
Belarus					4081	**10.4**	*0.17*	1.17	*0.02**
Belgium, Antwerp					622	**8.2**	*0.36*	0.99	*0.05**
Belgium, Flanders					2208	**10.5**	*0.24*	1.20	*0.03*
Bulgaria					3729	**11.3**	*0.20*	1.26	*0.02**
Croatia					2529	**13.3**	*0.28*	1.51	*0.03*
Czech Republic					5834	**13.6**	*0.19*	1.54	*0.02*
Denmark					2984	**13.2**	*0.26*	1.60	*0.03*
Estonia					784	**12.3**	*0.48*	1.41	*0.06*
Finland					2217	**9.6**	*0.22*	1.11	*0.03*
France, Bas-Rhin					398	**9.8**	*0.53*	1.12	*0.07*
France, Calvados					246	**8.7**	*0.61*	1.04	*0.08*
France, Doubs					191	**9.2**	*0.73*	1.03	*0.09*
France, Haut-Rhin					336	**11.8**	*0.70*	1.34	*0.08*
France, Herault					371	**9.2**	*0.52*	1.13	*0.07*
France, Isere					378	**8.6**	*0.48*	0.97	*0.06*
France, Loire-Atlantique					311	**6.9**	*0.42*	0.80	*0.05*
France, Manche					232	**10.1**	*0.75*	1.21	*0.09*
France, Somme					199	**8.9**	*0.68*	1.10	*0.09*
France, Tarn					129	**7.0**	*0.72*	0.82	*0.09*
France, Vendee					165	**6.5**	*0.57*	0.83	*0.07*
Germany, Brandenburg					1175	**9.3**	*0.30*	1.06	*0.04*
Germany, Free State of Saxony					2561	**10.4**	*0.24*	1.22	*0.03*
Germany, Hamburg					861	**9.7**	*0.38*	1.13	*0.05*
Germany, Mecklenburg-Western Pomerania					842	**10.0**	*0.38*	1.14	*0.05*
Germany, Munich					1267	**10.9**	*0.34*	1.25	*0.04*
Germany, Northrhine-Westphalia: Munster					1402	**11.3**	*0.34*	1.29	*0.04*
Germany, Saarland					560	**10.1**	*0.49*	1.10	*0.06*
Iceland					105	**10.6**	*1.11*	1.19	*0.14*
Ireland					1531	**11.8**	*0.32*	1.37	*0.04*
Italy, Biella Province					96	**9.1**	*1.07*	1.07	*0.13*
Italy, Brescia Province					243	**9.3**	*0.69*	1.05	*0.08*
Italy, Ferrara Province					163	**7.7**	*0.70*	0.86	*0.08*
Italy, Florence and Prato					593	**10.0**	*0.46*	1.16	*0.05*
Italy, Genoa Province					308	**10.2**	*0.72*	1.11	*0.08*
Italy, Macerata Province					82	**8.4**	*1.07*	0.93	*0.13*
Italy, Milan					574	**9.1**	*0.45*	0.98	*0.05*
Italy, Modena Province					310	**9.4**	*0.63*	1.05	*0.07*
Italy, Naples					127	**7.6**	*0.69*	0.88	*0.09*
Italy, North East Cancer Surveillance Network					881	**8.8**	*0.34*	0.97	*0.04*
Italy, Parma Province					268	**11.9**	*0.86*	1.35	*0.10*
Italy, Ragusa Province					107	**9.5**	*1.02*	1.02	*0.11*
Italy, Reggio Emilia Province					209	**9.1**	*0.72*	1.04	*0.09*
Italy, Romagna Region					482	**9.3**	*0.51*	1.00	*0.06*
Italy, Salerno Province					297	**8.3**	*0.53*	0.88	*0.06*
Italy, Sassari Province					161	**7.8**	*0.67*	0.87	*0.08*
Italy, Syracuse Province					110	**8.3**	*0.85*	0.98	*0.10*
Italy, Sondrio					95	**11.0**	*1.25*	1.24	*0.16*
Italy, Torino					483	**9.6**	*0.50*	1.09	*0.06*
Italy, Umbria Region					420	**9.9**	*0.58*	1.07	*0.06*
Italy, Varese Province					252	**10.5**	*0.73*	1.19	*0.09*
Italy, Veneto Region					680	**8.0**	*0.35*	0.90	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors
Ovary (C56) (contd)

	Male				Female			
	Cases	ASR(W)		CUM 0-74	Cases	ASR(W)		CUM 0-74	
Europe (contd)									
Latvia					1405	**13.2**	*0.38*	1.48	*0.04*
Lithuania					2120	**14.5**	*0.34*	1.64	*0.04*
Malta					159	**10.8**	*0.89*	1.25	*0.11*
Norway					2343	**12.8**	*0.29*	1.48	*0.04*
Poland, Cracow					473	**14.9**	*0.72*	1.66	*0.09**
Poland, Kielce					563	**11.7**	*0.52*	1.30	*0.06*
Poland, Warsaw City					797	**10.4**	*0.39*	1.21	*0.05*
Portugal, Porto					477	**4.3**	*0.21*	0.47	*0.02**
Portugal, South Regional					902	**7.3**	*0.27*	0.81	*0.03*
Russia, St Petersburg					2547	**11.6**	*0.25*	1.28	*0.03*
Serbia					1720	**9.6**	*0.25*	1.06	*0.03*
Slovak Republic					2140	**11.0**	*0.25*	1.24	*0.03*
Slovenia					818	**9.7**	*0.36*	1.12	*0.04*
Spain, Albacete					77	**6.4**	*0.84*	0.70	*0.10*
Spain, Asturias					600	**11.4**	*0.56*	1.25	*0.06*
Spain, Basque Country					581	**8.1**	*0.37*	0.91	*0.04*
Spain, Canary Islands					388	**7.8**	*0.42*	0.89	*0.05*
Spain, Cuenca					81	**8.4**	*1.18*	0.86	*0.12*
Spain, Girona					195	**7.9**	*0.65*	0.86	*0.08*
Spain, Granada					256	**8.3**	*0.56*	0.90	*0.06*
Spain, Murcia					338	**8.2**	*0.48*	0.93	*0.06*
Spain, Navarra					214	**9.1**	*0.69*	1.04	*0.08*
Spain, Tarragona					167	**8.3**	*0.71*	0.92	*0.08*
Spain, Zaragoza					264	**7.1**	*0.49*	0.80	*0.06*
Sweden					3989	**10.5**	*0.18*	1.23	*0.02*
Switzerland, Geneva					185	**9.2**	*0.74*	1.05	*0.10*
Switzerland, Graubunden and Glarus					111	**11.9**	*1.23*	1.35	*0.15*
Switzerland, Neuchatel					82	**10.5**	*1.37*	1.17	*0.16*
Switzerland, St Gall-Appenzell					224	**9.7**	*0.72*	1.16	*0.10*
Switzerland, Ticino					128	**9.1**	*0.89*	1.09	*0.11*
Switzerland, Valais					128	**10.7**	*1.02*	1.23	*0.13*
Switzerland, Vaud					256	**9.2**	*0.64*	1.13	*0.08*
The Netherlands					5946	**9.2**	*0.13*	1.08	*0.02*
The Netherlands, Eindhoven					392	**10.0**	*0.54*	1.20	*0.07*
The Netherlands, Maastricht					345	**9.4**	*0.55*	1.09	*0.07*
UK, East of England Region					1543	**12.2**	*0.35*	1.44	*0.04*
UK, England, Merseyside and Cheshire					1294	**11.9**	*0.37*	1.39	*0.05*
UK, England, North Western					1963	**11.0**	*0.27*	1.30	*0.03*
UK, England, Northern and Yorkshire					3399	**11.4**	*0.22*	1.34	*0.03*
UK, England, Oxford Region					1246	**11.6**	*0.36*	1.39	*0.05*
UK, England, South and Western Regions					4131	**12.7**	*0.22*	1.51	*0.03*
UK, England, Thames					6896	**11.8**	*0.16*	1.39	*0.02*
UK, England, Trent					2494	**11.6**	*0.26*	1.38	*0.03*
UK, England, West Midlands					2789	**12.1**	*0.25*	1.42	*0.03*
UK, Northern Ireland					905	**14.8**	*0.53*	1.65	*0.06*
UK, Scotland					2656	**11.1**	*0.24*	1.30	*0.03*
Oceania									
Australia, New South Wales					1967	**7.9**	*0.19*	0.89	*0.02*
Australia, Northern Territory					24	**6.1**	*1.38*	0.72	*0.20*
Australia, Queensland					1035	**8.2**	*0.27*	0.93	*0.04*
Australia, South					494	**7.9**	*0.40*	0.86	*0.05*
Australia, Tasmania					148	**7.8**	*0.69*	0.94	*0.09*
Australia, Victoria					1515	**8.1**	*0.23*	0.91	*0.03*
Australia, Western					500	**7.6**	*0.36*	0.85	*0.05*
Australian Capital Territory					84	**8.4**	*0.96*	0.95	*0.13*
French Polynesia					36	**8.2**	*1.40*	1.07	*0.21*
New Zealand					1262	**9.3**	*0.28*	1.04	*0.04*
USA, Hawaii					381	**8.6**	*0.48*	0.92	*0.06*
USA, Hawaii: Chinese					24	**5.6**	*1.27*	0.63	*0.16*
USA, Hawaii: Filipino					59	**8.5**	*1.14*	0.77	*0.12*
USA, Hawaii: Hawaiian					50	**8.8**	*1.28*	0.92	*0.16*
USA, Hawaii: Japanese					111	**10.3**	*1.20*	1.12	*0.12*
USA, Hawaii: White					110	**9.3**	*0.96*	0.99	*0.12*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other female genital organs (C57)

	Male			Female				
	Cases	ASR(W)	CUM 0-74	Cases	ASR(W)		CUM 0-74	
Africa								
Algeria, Setif				1	**0.0**	*0.04*	-	- *
Egypt, Gharbiah				7	**0.1**	*0.05*	-	-
Tunisia, Centre, Sousse				4	**0.4**	*0.18*	-	- *
Uganda, Kyadondo County				1	**0.1**	*0.05*	-	- *
Zimbabwe, Harare: African				1	**0.1**	*0.05*	-	- *
America, Central and South								
Argentina, Bahia Blanca				54	**7.3**	*0.99*	0.59	*0.08*
Brazil, Brasilia				101	**2.2**	*0.24*	0.21	*0.03*
Brazil, Cuiaba				3	**0.4**	*0.26*	0.05	*0.03*
Brazil, Goiania				0	**-**	-	-	-
Brazil, Sao Paulo				144	**0.5**	*0.04*	0.05	*0.01*
Chile, Valdivia				2	**0.2**	*0.15*	0.02	*0.02*
Colombia, Cali				20	**0.4**	*0.10*	0.05	*0.01*
Costa Rica				17	**0.2**	*0.05*	0.02	*0.01*
Ecuador, Quito				4	**0.1**	*0.05*	0.01	*0.00*
France, La Martinique				6	**0.4**	*0.16*	0.05	*0.02*
Peru, Trujillo				1	**0.1**	*0.10*	0.01	*0.01* *
America, North								
Canada (Excluding Quebec, Yukon and Nunavut)				577	**0.7**	*0.03*	0.08	*0.00*
Canada, Alberta				44	**0.5**	*0.07*	0.05	*0.01*
Canada, British Columbia				41	**0.3**	*0.05*	0.03	*0.01*
Canada, Manitoba				15	**0.3**	*0.09*	0.04	*0.01*
Canada, New Brunswick				4	**0.1**	*0.07*	0.02	*0.01*
Canada, Newfoundland and Labrador				9	**0.4**	*0.14*	0.04	*0.02*
Canada, Northwest Territories				0	**-**	-	-	-
Canada, Nova Scotia				11	**0.3**	*0.10*	0.04	*0.01*
Canada, Ontario				434	**1.0**	*0.05*	0.12	*0.01*
Canada, Prince Edward Island				4	**0.8**	*0.42*	0.13	*0.07*
Canada, Saskatchewan				15	**0.4**	*0.11*	0.05	*0.02*
USA, Alabama				37	**0.2**	*0.03*	0.02	*0.00*
USA, Alabama: Black				5	**0.1**	*0.06*	0.01	*0.01*
USA, Alabama: White				32	**0.2**	*0.04*	0.02	*0.01*
USA, Alaska				9	**0.7**	*0.24*	0.08	*0.03*
USA, Arizona				69	**0.4**	*0.05*	0.05	*0.01*
USA, California				500	**0.4**	*0.02*	0.05	*0.00*
USA, California: Asian and Pacific Islander				36	**0.3**	*0.04*	0.03	*0.01*
USA, California: Black				28	**0.4**	*0.07*	0.04	*0.01*
USA, California: Hispanic White				59	**0.3**	*0.04*	0.03	*0.01*
USA, California: Non-Hispanic White				373	**0.5**	*0.03*	0.06	*0.00*
USA, California, Greater San Francisco Bay Area				104	**0.5**	*0.05*	0.06	*0.01*
USA, California, Greater San Francisco Bay Area: Black				10	**0.6**	*0.19*	0.05	*0.02*
USA, California, Greater San Francisco Bay Area: Chinese				5	**0.2**	*0.10*	0.03	*0.02*
USA, California, Greater San Francisco Bay Area: Filipino				3	**0.3**	*0.17*	0.04	*0.02*
USA, California, Greater San Francisco Bay Area: Japanese				0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White				7	**0.3**	*0.12*	0.04	*0.02*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White				72	**0.5**	*0.07*	0.07	*0.01*
USA, California, Los Angeles County				141	**0.5**	*0.04*	0.06	*0.01*
USA, California, Los Angeles County: Black				13	**0.4**	*0.12*	0.05	*0.02*
USA, California, Los Angeles County: Chinese				2	**0.2**	*0.12*	0.02	*0.02*
USA, California, Los Angeles County: Filipino				3	**0.3**	*0.16*	0.04	*0.03*
USA, California, Los Angeles County: Japanese				0	**-**	-	-	-
USA, California, Los Angeles County: Korean				0	**-**	-	-	-
USA, California, Los Angeles County: Hispanic White				24	**0.3**	*0.06*	0.04	*0.01*
USA, California, Los Angeles County: Non-Hispanic White				95	**0.6**	*0.07*	0.08	*0.01*
USA, Colorado				63	**0.4**	*0.06*	0.05	*0.01*
USA, Connecticut				62	**0.4**	*0.06*	0.05	*0.01*
USA, Connecticut: Black				2	**0.2**	*0.15*	0.02	*0.01*
USA, Connecticut: White				59	**0.5**	*0.07*	0.05	*0.01*
USA, District of Columbia				10	**0.3**	*0.12*	0.03	*0.01*
USA, District of Columbia: Black				4	**0.2**	*0.13*	0.02	*0.01*
USA, District of Columbia: White				5	**0.6**	*0.30*	0.04	*0.04*
USA, Florida				313	**0.4**	*0.03*	0.05	*0.00*
USA, Florida: Black				25	**0.3**	*0.07*	0.03	*0.01*
USA, Florida: White				285	**0.4**	*0.03*	0.05	*0.00*
USA, Georgia				105	**0.4**	*0.04*	0.05	*0.01*
USA, Georgia: Black				23	**0.4**	*0.08*	0.05	*0.01*
USA, Georgia: White				80	**0.4**	*0.04*	0.05	*0.01*
USA, Georgia, Atlanta				40	**0.5**	*0.09*	0.07	*0.01*
USA, Georgia, Atlanta: Black				14	**0.6**	*0.17*	0.08	*0.03*
USA, Georgia, Atlanta: White				26	**0.5**	*0.10*	0.06	*0.02*
USA, Idaho				23	**0.5**	*0.11*	0.05	*0.01*
USA, Illinois				178	**0.4**	*0.03*	0.05	*0.00*
USA, Illinois: Black				18	**0.3**	*0.07*	0.04	*0.01*
USA, Illinois: White				153	**0.4**	*0.04*	0.05	*0.00*
USA, Indiana				80	**0.4**	*0.04*	0.04	*0.01*
USA, Iowa				70	**0.5**	*0.07*	0.06	*0.01*
USA, Kentucky				51	**0.3**	*0.05*	0.05	*0.01*
USA, Louisiana				31	**0.1**	*0.03*	0.02	*0.00*
USA, Louisiana: Black				10	**0.2**	*0.06*	0.02	*0.01*
USA, Louisiana: White				21	**0.1**	*0.03*	0.01	*0.00*
USA, Louisiana, New Orleans: Black				3	**0.2**	*0.11*	0.03	*0.02*
USA, Louisiana, New Orleans: White				7	**0.2**	*0.09*	0.03	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other female genital organs (C57) (contd)

	Male			Female				
	Cases	ASR(W)	CUM 0-74	Cases	ASR(W)		CUM 0-74	
America, North (contd)								
USA, Maine				38	**0.7**	*0.13*	0.09	*0.02*
USA, Massachusetts				121	**0.5**	*0.05*	0.06	*0.01*
USA, Michigan				127	**0.3**	*0.03*	0.04	*0.00*
USA, Michigan: Black				14	**0.3**	*0.08*	0.03	*0.01*
USA, Michigan: White				108	**0.3**	*0.03*	0.04	*0.00*
USA, Michigan, Detroit				52	**0.3**	*0.05*	0.04	*0.01*
USA, Michigan, Detroit: Black				9	**0.2**	*0.08*	0.03	*0.01*
USA, Michigan, Detroit: White				40	**0.3**	*0.06*	0.04	*0.01*
USA, Missouri				94	**0.4**	*0.05*	0.05	*0.01*
USA, Missouri: Black				7	**0.3**	*0.11*	0.02	*0.01*
USA, Missouri: White				87	**0.4**	*0.05*	0.05	*0.01*
USA, Montana				11	**0.3**	*0.09*	0.03	*0.01*
USA, NPCR				3315	**0.4**	*0.01*	0.05	*0.00*
USA, NPCR: Black				274	**0.3**	*0.02*	0.04	*0.00*
USA, NPCR: White				2913	**0.4**	*0.01*	0.05	*0.00*
USA, New Jersey				137	**0.4**	*0.04*	0.06	*0.01*
USA, New Jersey: Black				13	**0.4**	*0.10*	0.05	*0.02*
USA, New Jersey: White				115	**0.4**	*0.04*	0.06	*0.01*
USA, New Mexico				27	**0.4**	*0.08*	0.06	*0.01*
USA, New Mexico: American Indian				1	**0.2**	*0.23*	0.02	*0.02*
USA, New Mexico: Hispanic White				10	**0.5**	*0.15*	0.05	*0.02*
USA, New Mexico: Non-Hispanic White				15	**0.4**	*0.11*	0.06	*0.02*
USA, New York State				319	**0.4**	*0.03*	0.05	*0.00*
USA, New York State: Black				36	**0.3**	*0.06*	0.04	*0.01*
USA, New York State: White				273	**0.5**	*0.03*	0.05	*0.00*
USA, Ohio				134	**0.3**	*0.03*	0.04	*0.00*
USA, Ohio: Black				13	**0.3**	*0.09*	0.04	*0.01*
USA, Ohio: White				119	**0.3**	*0.03*	0.04	*0.00*
USA, Oklahoma				44	**0.3**	*0.05*	0.04	*0.01*
USA, Oregon				76	**0.6**	*0.07*	0.07	*0.01*
USA, Pennsylvania				189	**0.3**	*0.03*	0.04	*0.00*
USA, Pennsylvania: Black				13	**0.2**	*0.07*	0.03	*0.01*
USA, Pennsylvania: White				172	**0.3**	*0.03*	0.04	*0.00*
USA, Rhode Island				21	**0.5**	*0.12*	0.06	*0.02*
USA, SEER (9 Registries)				452	**0.5**	*0.02*	0.06	*0.00*
USA, SEER (9 Registries): Black				37	**0.4**	*0.07*	0.05	*0.01*
USA, SEER (9 Registries): White				379	**0.5**	*0.03*	0.06	*0.00*
USA, SEER (14 Registries)				1097	**0.4**	*0.01*	0.05	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander				60	**0.3**	*0.04*	0.04	*0.01*
USA, SEER (14 Registries): Black				84	**0.3**	*0.04*	0.04	*0.01*
USA, SEER (14 Registries): Hispanic White				83	**0.3**	*0.04*	0.04	*0.00*
USA, SEER (14 Registries): Non-Hispanic White				857	**0.4**	*0.02*	0.06	*0.00*
USA, South Carolina				61	**0.4**	*0.05*	0.04	*0.01*
USA, South Carolina: Black				7	**0.1**	*0.06*	0.02	*0.01*
USA, South Carolina: White				54	**0.5**	*0.07*	0.05	*0.01*
USA, Texas				218	**0.3**	*0.02*	0.04	*0.00*
USA, Texas: Black				31	**0.4**	*0.09*	0.05	*0.01*
USA, Texas: White				179	**0.3**	*0.02*	0.04	*0.00*
USA, Utah				25	**0.4**	*0.09*	0.05	*0.01*
USA, Vermont				13	**0.5**	*0.16*	0.05	*0.02*
USA, Washington State				124	**0.6**	*0.06*	0.08	*0.01*
USA, Washington, Seattle				85	**0.6**	*0.07*	0.07	*0.01*
USA, West Virginia				23	**0.2**	*0.06*	0.02	*0.01*
USA, Wisconsin				73	**0.3**	*0.04*	0.04	*0.01*
Asia								
Bahrain: Bahraini				2	**0.4**	*0.26*	0.09	*0.07*
China, Guangzhou City				14	**0.2**	*0.06*	0.03	*0.01**
China, Hong Kong								
China, Jiashan				5	**0.4**	*0.17*	0.04	*0.02**
China, Nangang District, Harbin City				1	**0.0**	*0.04*	-	-
China, Shanghai				81	**0.3**	*0.04*	0.04	*0.01**
China, Zhongshan				5	**0.1**	*0.07*	0.02	*0.01**
Cyprus				1	**0.0**	*0.04*	0.01	*0.01**
India, Chennai (Madras)				8	**0.1**	*0.03*	0.01	*0.00*
India, New Delhi				36	**0.2**	*0.03*	0.02	*0.00**
India, Karunagappally				0	**-**	-	-	-
India, Mumbai (Bombay)				35	**0.2**	*0.03*	0.02	*0.00*
India, Nagpur				1	**0.0**	*0.03*	0.00	*0.00**
India, Poona				6	**0.1**	*0.04*	0.01	*0.00**
India, Trivandrum				4	**0.1**	*0.07*	0.01	*0.01**
Israel				111	**0.6**	*0.06*	0.07	*0.01*
Israel: Jews				105	**0.6**	*0.06*	0.07	*0.01*
Israel: Non-Jews				2	**0.1**	*0.09*	0.03	*0.02*
Japan, Aichi Prefecture				3	**0.1**	*0.05*	0.01	*0.01*
Japan, Fukui Prefecture				6	**0.2**	*0.08*	0.02	*0.01*
Japan, Hiroshima				5	**0.1**	*0.06*	0.01	*0.01*
Japan, Miyagi Prefecture				14	**0.1**	*0.03*	0.01	*0.00*
Japan, Nagasaki Prefecture				17	**0.2**	*0.06*	0.03	*0.01*
Japan, Osaka Prefecture				39	**0.1**	*0.02*	0.01	*0.00*
Japan, Yamagata Prefecture				5	**0.1**	*0.04*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other female genital organs (C57) (contd)

	Male			Female				
	Cases	ASR(W)	CUM 0-74	Cases	ASR(W)		CUM 0-74	
Asia (contd)								
Korea				152	**0.1**	*0.01*	0.02	*0.00*
Korea, Busan				14	**0.1**	*0.03*	0.01	*0.00*
Korea, Daegu				13	**0.2**	*0.05*	0.02	*0.01*
Korea, Daejeon				3	**0.1**	*0.05*	0.01	*0.01*
Korea, Gwangju				6	**0.2**	*0.07*	0.01	*0.01*
Korea, Incheon				14	**0.2**	*0.06*	0.03	*0.01*
Korea, Jejudo				2	**0.2**	*0.14*	0.02	*0.02*
Korea, Seoul				34	**0.1**	*0.02*	0.02	*0.00*
Korea, Ulsan				3	**0.2**	*0.11*	0.02	*0.01*
Kuwait: Kuwaitis				1	**0.1**	*0.08*	0.01	*0.01*
Kuwait: Non-Kuwaitis				0	**-**	-	-	-
Malaysia, Penang				3	**0.1**	*0.08*	0.01	*0.01*
Malaysia, Sarawak				2	**0.1**	*0.04*	0.01	*0.01*
Oman: Omani				0	**-**	-	-	- *
Pakistan, South Karachi				0	**-**	-	-	- *
Philippines, Manila				13	**0.2**	*0.04*	0.02	*0.01**
Singapore				26	**0.3**	*0.06*	0.03	*0.01*
Singapore: Chinese				20	**0.3**	*0.06*	0.03	*0.01*
Singapore: Indian				5	**0.6**	*0.27*	0.05	*0.02*
Singapore: Malay				1	**0.1**	*0.13*	0.02	*0.02*
Thailand, Chiang Mai				15	**0.4**	*0.10*	0.04	*0.01**
Thailand, Lampang				1	**0.0**	*0.03*	0.00	*0.00**
Thailand, Songkhla				3	**0.1**	*0.05*	0.01	*0.00*
Turkey, Antalya				2	**0.1**	*0.05*	0.01	*0.01**
Turkey, Izmir				15	**0.2**	*0.05*	0.02	*0.01**
Europe								
Austria				275	**0.8**	*0.05*	0.09	*0.01*
Austria, Tyrol				23	**0.9**	*0.20*	0.10	*0.02*
Austria, Vorarlberg				9	**0.6**	*0.22*	0.07	*0.03*
Belarus				211	**0.4**	*0.03*	0.05	*0.00**
Belgium, Antwerp				26	**0.3**	*0.08*	0.04	*0.01**
Belgium, Flanders				54	**0.3**	*0.04*	0.03	*0.00*
Bulgaria				105	**0.3**	*0.03*	0.03	*0.00**
Croatia				101	**0.5**	*0.05*	0.06	*0.01*
Czech Republic				355	**0.7**	*0.04*	0.07	*0.01*
Denmark				163	**0.7**	*0.06*	0.08	*0.01*
Estonia				30	**0.4**	*0.08*	0.05	*0.01*
Finland				293	**1.1**	*0.07*	0.13	*0.01*
France, Bas-Rhin				23	**0.6**	*0.14*	0.07	*0.02*
France, Calvados				13	**0.4**	*0.12*	0.04	*0.02*
France, Doubs				7	**0.4**	*0.16*	0.06	*0.02*
France, Haut-Rhin				8	**0.3**	*0.10*	0.04	*0.02*
France, Herault				7	**0.2**	*0.08*	0.02	*0.01*
France, Isere				20	**0.5**	*0.12*	0.07	*0.02*
France, Loire-Atlantique				17	**0.3**	*0.09*	0.04	*0.01*
France, Manche				14	**0.4**	*0.14*	0.05	*0.02*
France, Somme				21	**0.9**	*0.21*	0.12	*0.03*
France, Tarn				1	**0.0**	*0.02*	-	-
France, Vendee				6	**0.3**	*0.11*	0.03	*0.01*
Germany, Brandenburg				122	**0.8**	*0.08*	0.10	*0.01*
Germany, Free State of Saxony				180	**0.6**	*0.05*	0.07	*0.01*
Germany, Hamburg				56	**0.5**	*0.08*	0.06	*0.01*
Germany, Mecklenburg-Western Pomerania				61	**0.7**	*0.10*	0.09	*0.01*
Germany, Munich				54	**0.5**	*0.07*	0.06	*0.01*
Germany, Northrhine-Westphalia: Munster				66	**0.5**	*0.07*	0.06	*0.01*
Germany, Saarland				26	**0.5**	*0.10*	0.05	*0.01*
Iceland				6	**0.8**	*0.33*	0.10	*0.04*
Ireland				33	**0.3**	*0.05*	0.03	*0.01*
Italy, Biella Province				7	**0.9**	*0.37*	0.08	*0.03*
Italy, Brescia Province				36	**1.2**	*0.22*	0.12	*0.03*
Italy, Ferrara Province				14	**0.5**	*0.17*	0.06	*0.02*
Italy, Florence and Prato				27	**0.4**	*0.09*	0.05	*0.01*
Italy, Genoa Province				26	**0.8**	*0.19*	0.08	*0.02*
Italy, Macerata Province				2	**0.3**	*0.18*	0.04	*0.03*
Italy, Milan				18	**0.2**	*0.06*	0.03	*0.01*
Italy, Modena Province				15	**0.5**	*0.14*	0.04	*0.01*
Italy, Naples				2	**0.1**	*0.09*	0.01	*0.01*
Italy, North East Cancer Surveillance Network				231	**1.8**	*0.15*	0.19	*0.02*
Italy, Parma Province				8	**0.4**	*0.15*	0.05	*0.02*
Italy, Ragusa Province				8	**0.5**	*0.19*	0.04	*0.02*
Italy, Reggio Emilia Province				11	**0.5**	*0.18*	0.05	*0.02*
Italy, Romagna Region				26	**0.5**	*0.10*	0.05	*0.01*
Italy, Salerno Province				17	**0.4**	*0.10*	0.04	*0.01*
Italy, Sassari Province				4	**0.2**	*0.11*	0.02	*0.01*
Italy, Syracuse Province				5	**0.3**	*0.16*	0.05	*0.02*
Italy, Sondrio				0	**-**	-	-	-
Italy, Torino				32	**0.6**	*0.11*	0.07	*0.01*
Italy, Umbria Region				10	**0.2**	*0.08*	0.03	*0.01*
Italy, Varese Province				12	**0.5**	*0.15*	0.07	*0.02*
Italy, Veneto Region				118	**1.5**	*0.15*	0.17	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other female genital organs (C57) (contd)

	Male				Female			
	Cases	ASR(W)		CUM 0-74	Cases	ASR(W)		CUM 0-74	
Europe (contd)									
Latvia					39	**0.4**	*0.08*	0.05	*0.01*
Lithuania					41	**0.3**	*0.05*	0.03	*0.01*
Malta					6	**0.4**	*0.19*	0.04	*0.02*
Norway					160	**0.8**	*0.07*	0.10	*0.01*
Poland, Cracow					10	**0.3**	*0.09*	0.03	*0.01**
Poland, Kielce					22	**0.4**	*0.09*	0.04	*0.01*
Poland, Warsaw City					30	**0.4**	*0.07*	0.04	*0.01*
Portugal, Porto					128	**1.0**	*0.10*	0.12	*0.01**
Portugal, South Regional					56	**0.3**	*0.05*	0.03	*0.01*
Russia, St Petersburg					67	**0.3**	*0.04*	0.03	*0.00*
Serbia					101	**0.6**	*0.06*	0.06	*0.01*
Slovak Republic					75	**0.3**	*0.04*	0.04	*0.01*
Slovenia					52	**0.6**	*0.08*	0.07	*0.01*
Spain, Albacete					13	**0.9**	*0.29*	0.11	*0.04*
Spain, Asturias					31	**0.6**	*0.11*	0.06	*0.01*
Spain, Basque Country					34	**0.4**	*0.07*	0.04	*0.01*
Spain, Canary Islands					27	**0.4**	*0.09*	0.05	*0.01*
Spain, Cuenca					4	**0.4**	*0.22*	0.03	*0.02*
Spain, Girona					9	**0.3**	*0.12*	0.05	*0.02*
Spain, Granada					3	**0.1**	*0.06*	0.01	*0.01*
Spain, Murcia					17	**0.4**	*0.10*	0.05	*0.01*
Spain, Navarra					9	**0.2**	*0.07*	0.01	*0.01*
Spain, Tarragona					11	**0.3**	*0.12*	0.03	*0.02*
Spain, Zaragoza					10	**0.2**	*0.07*	0.01	*0.01*
Sweden					296	**0.7**	*0.05*	0.09	*0.01*
Switzerland, Geneva					11	**0.6**	*0.19*	0.07	*0.03*
Switzerland, Graubunden and Glarus					2	**0.1**	*0.09*	0.02	*0.02*
Switzerland, Neuchatel					8	**0.9**	*0.35*	0.11	*0.05*
Switzerland, St Gall-Appenzell					19	**0.7**	*0.17*	0.09	*0.03*
Switzerland, Ticino					17	**0.7**	*0.20*	0.10	*0.03*
Switzerland, Valais					3	**0.2**	*0.12*	0.01	*0.01*
Switzerland, Vaud					19	**0.5**	*0.14*	0.07	*0.02*
The Netherlands					206	**0.3**	*0.02*	0.04	*0.00*
The Netherlands, Eindhoven					13	**0.3**	*0.08*	0.03	*0.01*
The Netherlands, Maastricht					22	**0.5**	*0.12*	0.07	*0.02*
UK, East of England Region					23	**0.2**	*0.05*	0.03	*0.01*
UK, England, Merseyside and Cheshire					20	**0.2**	*0.05*	0.02	*0.01*
UK, England, North Western					48	**0.3**	*0.05*	0.03	*0.01*
UK, England, Northern and Yorkshire					45	**0.2**	*0.03*	0.02	*0.00*
UK, England, Oxford Region					26	**0.3**	*0.06*	0.03	*0.01*
UK, England, South and Western Regions					189	**0.6**	*0.05*	0.07	*0.01*
UK, England, Thames					123	**0.2**	*0.02*	0.03	*0.00*
UK, England, Trent					46	**0.2**	*0.03*	0.02	*0.00*
UK, England, West Midlands					86	**0.3**	*0.04*	0.04	*0.01*
UK, Northern Ireland					20	**0.3**	*0.07*	0.04	*0.01*
UK, Scotland					79	**0.3**	*0.04*	0.03	*0.00*
Oceania									
Australia, New South Wales					92	**0.4**	*0.04*	0.05	*0.01*
Australia, Northern Territory					1	**0.2**	*0.17*	0.01	*0.01*
Australia, Queensland					41	**0.3**	*0.05*	0.04	*0.01*
Australia, South					29	**0.5**	*0.10*	0.07	*0.01*
Australia, Tasmania					10	**0.6**	*0.20*	0.09	*0.03*
Australia, Victoria					80	**0.4**	*0.05*	0.05	*0.01*
Australia, Western					28	**0.4**	*0.09*	0.06	*0.01*
Australian Capital Territory					4	**0.4**	*0.19*	0.06	*0.04*
French Polynesia					2	**0.5**	*0.36*	0.07	*0.05*
New Zealand					62	**0.4**	*0.06*	0.06	*0.01*
USA, Hawaii					15	**0.3**	*0.09*	0.03	*0.01*
USA, Hawaii: Chinese					1	**0.2**	*0.19*	0.05	*0.05*
USA, Hawaii: Filipino					2	**0.3**	*0.24*	0.03	*0.02*
USA, Hawaii: Hawaiian					1	**0.2**	*0.17*	0.04	*0.04*
USA, Hawaii: Japanese					1	**0.1**	*0.13*	0.01	*0.01*
USA, Hawaii: White					5	**0.4**	*0.17*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Placenta (C58)

	Male			Female			
	Cases	ASR(W)	CUM 0-74	Cases	ASR(W)	CUM 0-74	
Africa							
Algeria, Setif				0	**-** -	-	- *
Egypt, Gharbiah				15	**0.2** *0.05*	-	-
Tunisia, Centre, Sousse				3	**0.3** *0.15*	-	- *
Uganda, Kyadondo County				39	**0.9** *0.20*	-	- *
Zimbabwe, Harare: African				23	**0.5** *0.12*	-	- *
America, Central and South							
Argentina, Bahia Blanca				1	**0.2** *0.15*	0.01	*0.01*
Brazil, Brasilia				10	**0.2** *0.07*	0.02	*0.01*
Brazil, Cuiaba				1	**0.1** *0.07*	0.00	*0.00*
Brazil, Goiania				3	**0.1** *0.07*	0.01	*0.01*
Brazil, Sao Paulo				42	**0.1** *0.02*	0.01	*0.00*
Chile, Valdivia				0	**-** -	-	-
Colombia, Cali				7	**0.1** *0.04*	0.01	*0.00*
Costa Rica				2	**0.0** *0.01*	0.00	*0.00*
Ecuador, Quito				17	**0.4** *0.10*	0.03	*0.01*
France, La Martinique				1	**0.1** *0.09*	0.01	*0.01*
Peru, Trujillo				1	**0.0** *0.05*	0.00	*0.00**
America, North							
Canada (Excluding Quebec, Yukon and Nunavut)				25	**0.0** *0.01*	0.00	*0.00*
Canada, Alberta				2	**0.0** *0.02*	0.00	*0.00*
Canada, British Columbia				1	**0.0** *0.01*	0.00	*0.00*
Canada, Manitoba				2	**0.1** *0.06*	0.01	*0.00*
Canada, New Brunswick				4	**0.2** *0.10*	0.01	*0.01*
Canada, Newfoundland and Labrador				0	**-** -	-	-
Canada, Northwest Territories				0	**-** -	-	-
Canada, Nova Scotia				1	**0.1** *0.06*	0.00	*0.00*
Canada, Ontario				14	**0.0** *0.01*	0.00	*0.00*
Canada, Prince Edward Island				0	**-** -	-	-
Canada, Saskatchewan				1	**0.0** *0.05*	0.00	*0.00*
USA, Alabama				11	**0.1** *0.03*	0.01	*0.00*
USA, Alabama: Black				8	**0.3** *0.09*	0.02	*0.01*
USA, Alabama: White				3	**0.0** *0.03*	0.00	*0.00*
USA, Alaska				2	**0.2** *0.12*	0.01	*0.01*
USA, Arizona				11	**0.1** *0.03*	0.01	*0.00*
USA, California				83	**0.1** *0.01*	0.01	*0.00*
USA, California: Asian and Pacific Islander				16	**0.1** *0.03*	0.01	*0.00*
USA, California: Black				7	**0.1** *0.04*	0.01	*0.00*
USA, California: Hispanic White				38	**0.1** *0.02*	0.01	*0.00*
USA, California: Non-Hispanic White				21	**0.0** *0.01*	0.00	*0.00*
USA, California, Greater San Francisco Bay Area				15	**0.1** *0.02*	0.01	*0.00*
USA, California, Greater San Francisco Bay Area: Black				2	**0.2** *0.11*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Chinese				3	**0.2** *0.13*	0.02	*0.01*
USA, California, Greater San Francisco Bay Area: Filipino				0	**-** -	-	-
USA, California, Greater San Francisco Bay Area: Japanese				0	**-** -	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White				3	**0.1** *0.05*	0.01	*0.00*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White				5	**0.1** *0.02*	0.00	*0.00*
USA, California, Los Angeles County				31	**0.1** *0.02*	0.01	*0.00*
USA, California, Los Angeles County: Black				2	**0.1** *0.05*	0.01	*0.00*
USA, California, Los Angeles County: Chinese				1	**0.1** *0.07*	0.01	*0.01*
USA, California, Los Angeles County: Filipino				2	**0.3** *0.18*	0.02	*0.01*
USA, California, Los Angeles County: Japanese				0	**-** -	-	-
USA, California, Los Angeles County: Korean				0	**-** -	-	-
USA, California, Los Angeles County: Hispanic White				17	**0.1** *0.04*	0.01	*0.00*
USA, California, Los Angeles County: Non-Hispanic White				7	**0.1** *0.03*	0.01	*0.00*
USA, Colorado				9	**0.1** *0.03*	0.01	*0.00*
USA, Connecticut				6	**0.1** *0.03*	0.01	*0.00*
USA, Connecticut: Black				2	**0.2** *0.17*	0.01	*0.01*
USA, Connecticut: White				4	**0.1** *0.03*	0.00	*0.00*
USA, District of Columbia				1	**0.1** *0.06*	0.00	*0.00*
USA, District of Columbia: Black				1	**0.1** *0.11*	0.01	*0.01*
USA, District of Columbia: White				0	**-** -	-	-
USA, Florida				53	**0.1** *0.02*	0.01	*0.00*
USA, Florida: Black				16	**0.2** *0.06*	0.02	*0.00*
USA, Florida: White				35	**0.1** *0.02*	0.01	*0.00*
USA, Georgia				26	**0.1** *0.03*	0.01	*0.00*
USA, Georgia: Black				16	**0.2** *0.06*	0.02	*0.00*
USA, Georgia: White				8	**0.1** *0.02*	0.00	*0.00*
USA, Georgia, Atlanta				7	**0.1** *0.03*	0.01	*0.00*
USA, Georgia, Atlanta: Black				5	**0.1** *0.06*	0.01	*0.00*
USA, Georgia, Atlanta: White				1	**0.0** *0.02*	0.00	*0.00*
USA, Idaho				2	**0.1** *0.04*	0.00	*0.00*
USA, Illinois				28	**0.1** *0.02*	0.01	*0.00*
USA, Illinois: Black				9	**0.2** *0.06*	0.01	*0.00*
USA, Illinois: White				15	**0.1** *0.02*	0.00	*0.00*
USA, Indiana				13	**0.1** *0.03*	0.01	*0.00*
USA, Iowa				7	**0.1** *0.04*	0.01	*0.00*
USA, Kentucky				4	**0.0** *0.02*	0.00	*0.00*
USA, Louisiana				10	**0.1** *0.03*	0.01	*0.00*
USA, Louisiana: Black				4	**0.1** *0.05*	0.01	*0.00*
USA, Louisiana: White				6	**0.1** *0.03*	0.01	*0.00*
USA, Louisiana, New Orleans: Black				0	**-** -	-	-
USA, Louisiana, New Orleans: White				3	**0.2** *0.14*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Placenta (C58) (contd)

	Male			Female				
	Cases	ASR(W)		CUM 0-74	Cases	ASR(W)		CUM 0-74	
America, North (contd)									
USA, Maine					0	-	-	-	-
USA, Massachusetts					14	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan					33	**0.1**	*0.03*	0.01	*0.00*
USA, Michigan: Black					17	**0.5**	*0.12*	0.03	*0.01*
USA, Michigan: White					15	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan, Detroit					15	**0.2**	*0.05*	0.01	*0.00*
USA, Michigan, Detroit: Black					11	**0.5**	*0.14*	0.03	*0.01*
USA, Michigan, Detroit: White					4	**0.1**	*0.03*	0.00	*0.00*
USA, Missouri					7	**0.0**	*0.02*	0.00	*0.00*
USA, Missouri: Black					2	**0.1**	*0.09*	0.01	*0.01*
USA, Missouri: White					5	**0.0**	*0.02*	0.00	*0.00*
USA, Montana					0	-	-	-	-
USA, NPCR					506	**0.1**	*0.00*	0.01	*0.00*
USA, NPCR: Black					139	**0.2**	*0.02*	0.01	*0.00*
USA, NPCR: White					311	**0.1**	*0.00*	0.00	*0.00*
USA, New Jersey					36	**0.2**	*0.03*	0.01	*0.00*
USA, New Jersey: Black					14	**0.4**	*0.12*	0.03	*0.01*
USA, New Jersey: White					19	**0.1**	*0.03*	0.01	*0.00*
USA, New Mexico					5	**0.1**	*0.05*	0.01	*0.00*
USA, New Mexico: American Indian					1	**0.2**	*0.17*	0.01	*0.01*
USA, New Mexico: Hispanic White					4	**0.2**	*0.12*	0.02	*0.01*
USA, New Mexico: Non-Hispanic White					0	-	-	-	-
USA, New York State					54	**0.1**	*0.02*	0.01	*0.00*
USA, New York State: Black					19	**0.2**	*0.05*	0.02	*0.00*
USA, New York State: White					30	**0.1**	*0.02*	0.01	*0.00*
USA, Ohio					21	**0.1**	*0.02*	0.01	*0.00*
USA, Ohio: Black					5	**0.1**	*0.06*	0.01	*0.00*
USA, Ohio: White					14	**0.1**	*0.02*	0.00	*0.00*
USA, Oklahoma					4	**0.1**	*0.03*	0.00	*0.00*
USA, Oregon					0	-	-	-	-
USA, Pennsylvania					24	**0.1**	*0.02*	0.01	*0.00*
USA, Pennsylvania: Black					3	**0.1**	*0.06*	0.01	*0.00*
USA, Pennsylvania: White					21	**0.1**	*0.02*	0.01	*0.00*
USA, Rhode Island					1	**0.0**	*0.04*	0.00	*0.00*
USA, SEER (9 Registries)					72	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (9 Registries): Black					20	**0.2**	*0.05*	0.02	*0.00*
USA, SEER (9 Registries): White					36	**0.1**	*0.01*	0.00	*0.00*
USA, SEER (14 Registries)					195	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander					28	**0.1**	*0.03*	0.01	*0.00*
USA, SEER (14 Registries): Black					43	**0.2**	*0.03*	0.01	*0.00*
USA, SEER (14 Registries): Hispanic White					53	**0.1**	*0.02*	0.01	*0.00*
USA, SEER (14 Registries): Non-Hispanic White					65	**0.1**	*0.01*	0.00	*0.00*
USA, South Carolina					12	**0.1**	*0.03*	0.01	*0.00*
USA, South Carolina: Black					4	**0.1**	*0.06*	0.01	*0.00*
USA, South Carolina: White					7	**0.1**	*0.04*	0.01	*0.00*
USA, Texas					27	**0.1**	*0.01*	0.00	*0.00*
USA, Texas: Black					6	**0.1**	*0.04*	0.01	*0.00*
USA, Texas: White					19	**0.0**	*0.01*	0.00	*0.00*
USA, Utah					6	**0.1**	*0.04*	0.01	*0.00*
USA, Vermont					0	-	-	-	-
USA, Washington State					7	**0.0**	*0.02*	0.00	*0.00*
USA, Washington, Seattle					6	**0.1**	*0.02*	0.00	*0.00*
USA, West Virginia					3	**0.1**	*0.04*	0.01	*0.00*
USA, Wisconsin					13	**0.1**	*0.03*	0.01	*0.00*
Asia									
Bahrain: Bahraini					2	**0.2**	*0.12*	0.01	*0.01*
China, Guangzhou City					18	**0.3**	*0.06*	0.02	*0.00**
China, Hong Kong					9	**0.0**	*0.01*	0.00	*0.00*
China, Jiashan					0	-	-	-	- *
China, Nangang District, Harbin City					0	-	-	-	-
China, Shanghai					14	**0.1**	*0.04*	0.01	*0.00**
China, Zhongshan					7	**0.2**	*0.06*	0.01	*0.00**
Cyprus					0	-	-	-	- *
India, Chennai (Madras)					4	**0.0**	*0.02*	0.00	*0.00*
India, New Delhi					46	**0.1**	*0.02*	0.01	*0.00**
India, Karunagappally					0	-	-	-	-
India, Mumbai (Bombay)					26	**0.1**	*0.02*	0.01	*0.00*
India, Nagpur					5	**0.1**	*0.04*	0.01	*0.01**
India, Poona					3	**0.0**	*0.02*	0.00	*0.00**
India, Trivandrum					0	-	-	-	- *
Israel					10	**0.1**	*0.02*	0.00	*0.00*
Israel: Jews					7	**0.1**	*0.02*	0.00	*0.00*
Israel: Non-Jews					3	**0.1**	*0.06*	0.01	*0.00*
Japan, Aichi Prefecture					2	**0.1**	*0.05*	0.01	*0.00*
Japan, Fukui Prefecture					1	**0.0**	*0.03*	0.00	*0.00*
Japan, Hiroshima					1	**0.0**	*0.02*	0.00	*0.00*
Japan, Miyagi Prefecture					3	**0.0**	*0.02*	0.00	*0.00*
Japan, Nagasaki Prefecture					2	**0.1**	*0.04*	0.00	*0.00*
Japan, Osaka Prefecture					7	**0.0**	*0.01*	0.00	*0.00*
Japan, Yamagata Prefecture					3	**0.1**	*0.06*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Placenta (C58) (contd)

	Male			Female			
	Cases	ASR(W)	CUM 0-74	Cases	ASR(W)		CUM 0-74	
Asia (contd)								
Korea				287	**0.2**	*0.01*	0.02	*0.00*
Korea, Busan				34	**0.3**	*0.05*	0.02	*0.00*
Korea, Daegu				8	**0.1**	*0.04*	0.01	*0.00*
Korea, Daejeon				9	**0.2**	*0.07*	0.02	*0.01*
Korea, Gwangju				7	**0.2**	*0.06*	0.01	*0.00*
Korea, Incheon				22	**0.3**	*0.06*	0.02	*0.00*
Korea, Jejudo				5	**0.5**	*0.23*	0.04	*0.02*
Korea, Seoul				68	**0.2**	*0.02*	0.02	*0.00*
Korea, Ulsan				4	**0.2**	*0.09*	0.01	*0.01*
Kuwait: Kuwaitis				3	**0.2**	*0.09*	0.01	*0.01*
Kuwait: Non-Kuwaitis				4	**0.1**	*0.05*	0.01	*0.00*
Malaysia, Penang				4	**0.1**	*0.06*	0.01	*0.01*
Malaysia, Sarawak				9	**0.2**	*0.06*	0.02	*0.01*
Oman: Omani				4	**0.2**	*0.11*	0.02	*0.01**
Pakistan, South Karachi				11	**0.3**	*0.09*	0.02	*0.01**
Philippines, Manila				64	**0.5**	*0.06*	0.04	*0.01**
Singapore				4	**0.0**	*0.02*	0.00	*0.00*
Singapore: Chinese				3	**0.0**	*0.02*	0.00	*0.00*
Singapore: Indian				0	**-**	-	-	-
Singapore: Malay				1	**0.1**	*0.12*	0.01	*0.01*
Thailand, Chiang Mai				23	**0.5**	*0.11*	0.04	*0.01**
Thailand, Lampang				1	**0.1**	*0.07*	0.00	*0.00**
Thailand, Songkhla				15	**0.4**	*0.11*	0.03	*0.01*
Turkey, Antalya				0	**-**	-	-	- *
Turkey, Izmir				4	**0.0**	*0.02*	0.00	*0.00**
Europe								
Austria				4	**0.0**	*0.01*	0.00	*0.00*
Austria, Tyrol				1	**0.0**	*0.04*	0.00	*0.00*
Austria, Vorarlberg				0	**-**	-	-	-
Belarus				20	**0.1**	*0.02*	0.01	*0.00**
Belgium, Antwerp				3	**0.1**	*0.05*	0.01	*0.00**
Belgium, Flanders				4	**0.0**	*0.02*	0.00	*0.00*
Bulgaria				17	**0.1**	*0.02*	0.01	*0.00**
Croatia				6	**0.0**	*0.02*	0.00	*0.00*
Czech Republic				17	**0.1**	*0.02*	0.00	*0.00*
Denmark				7	**0.1**	*0.02*	0.00	*0.00*
Estonia				5	**0.2**	*0.07*	0.01	*0.00*
Finland				10	**0.1**	*0.03*	0.01	*0.00*
France, Bas-Rhin				2	**0.1**	*0.06*	0.01	*0.00*
France, Calvados				0	**-**	-	-	-
France, Doubs				0	**-**	-	-	-
France, Haut-Rhin				1	**0.0**	*0.05*	0.01	*0.01*
France, Herault				1	**0.0**	*0.04*	0.00	*0.00*
France, Isere				5	**0.2**	*0.08*	0.01	*0.01*
France, Loire-Atlantique				3	**0.1**	*0.06*	0.01	*0.00*
France, Manche				1	**0.1**	*0.07*	0.01	*0.01*
France, Somme				0	**-**	-	-	-
France, Tarn				0	**-**	-	-	-
France, Vendee				2	**0.2**	*0.14*	0.01	*0.01*
Germany, Brandenburg				2	**0.0**	*0.03*	0.00	*0.00*
Germany, Free State of Saxony				9	**0.1**	*0.03*	0.01	*0.00*
Germany, Hamburg				0	**-**	-	-	-
Germany, Mecklenburg-Western Pomerania				11	**0.3**	*0.09*	0.02	*0.01*
Germany, Munich				2	**0.0**	*0.02*	0.00	*0.00*
Germany, Northrhine-Westphalia: Munster				1	**0.0**	*0.01*	0.00	*0.00*
Germany, Saarland				0	**-**	-	-	-
Iceland				0	**-**	-	-	-
Ireland				4	**0.0**	*0.02*	0.00	*0.00*
Italy, Biella Province				0	**-**	-	-	-
Italy, Brescia Province				0	**-**	-	-	-
Italy, Ferrara Province				1	**0.2**	*0.18*	0.01	*0.01*
Italy, Florence and Prato				5	**0.2**	*0.09*	0.01	*0.01*
Italy, Genoa Province				1	**0.1**	*0.09*	0.01	*0.01*
Italy, Macerata Province				0	**-**	-	-	-
Italy, Milan				1	**0.0**	*0.03*	0.00	*0.00*
Italy, Modena Province				0	**-**	-	-	-
Italy, Naples				0	**-**	-	-	-
Italy, North East Cancer Surveillance Network				1	**0.0**	*0.02*	0.00	*0.00*
Italy, Parma Province				0	**-**	-	-	-
Italy, Ragusa Province				0	**-**	-	-	-
Italy, Reggio Emilia Province				0	**-**	-	-	-
Italy, Romagna Region				2	**0.1**	*0.07*	0.01	*0.00*
Italy, Salerno Province				1	**0.0**	*0.01*	-	-
Italy, Sassari Province				0	**-**	-	-	-
Italy, Syracuse Province				0	**-**	-	-	-
Italy, Sondrio				0	**-**	-	-	-
Italy, Torino				0	**-**	-	-	-
Italy, Umbria Region				4	**0.1**	*0.07*	0.01	*0.01*
Italy, Varese Province				1	**0.1**	*0.06*	0.00	*0.00*
Italy, Veneto Region				0	**-**	-	-	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Placenta (C58) (contd)

	Male				Female			
	Cases	ASR(W)		CUM 0-74	Cases	ASR(W)		CUM 0-74	
Europe (contd)									
Latvia					19	**0.3**	*0.07*	0.02	*0.01*
Lithuania					9	**0.1**	*0.03*	0.01	*0.00*
Malta					1	**0.1**	*0.11*	0.01	*0.01*
Norway					13	**0.1**	*0.03*	0.01	*0.00*
Poland, Cracow					1	**0.0**	*0.04*	0.00	*0.00**
Poland, Kielce					0	**-**	-	-	-
Poland, Warsaw City					3	**0.1**	*0.04*	0.00	*0.00*
Portugal, Porto					9	**0.1**	*0.03*	0.01	*0.00**
Portugal, South Regional					6	**0.1**	*0.03*	0.01	*0.00*
Russia, St Petersburg					7	**0.0**	*0.02*	0.00	*0.00*
Serbia					5	**0.0**	*0.02*	0.00	*0.00*
Slovak Republic					7	**0.0**	*0.02*	0.00	*0.00*
Slovenia					3	**0.0**	*0.03*	0.00	*0.00*
Spain, Albacete					0	**-**	-	-	-
Spain, Asturias					0	**-**	-	-	-
Spain, Basque Country					2	**0.0**	*0.03*	0.00	*0.00*
Spain, Canary Islands					0	**-**	-	-	-
Spain, Cuenca					0	**-**	-	-	-
Spain, Girona					1	**0.1**	*0.07*	0.00	*0.00*
Spain, Granada					1	**0.0**	*0.05*	0.00	*0.00*
Spain, Murcia					0	**-**	-	-	-
Spain, Navarra					1	**0.1**	*0.05*	0.00	*0.00*
Spain, Tarragona					3	**0.2**	*0.14*	0.02	*0.01*
Spain, Zaragoza					0	**-**	-	-	-
Sweden					12	**0.1**	*0.02*	0.00	*0.00*
Switzerland, Geneva					1	**0.1**	*0.07*	0.01	*0.01*
Switzerland, Graubunden and Glarus					0	**-**	-	-	-
Switzerland, Neuchatel					0	**-**	-	-	-
Switzerland, St Gall-Appenzell					1	**0.1**	*0.09*	0.01	*0.01*
Switzerland, Ticino					1	**0.1**	*0.09*	0.01	*0.01*
Switzerland, Valais					0	**-**	-	-	-
Switzerland, Vaud					1	**0.1**	*0.09*	0.01	*0.01*
The Netherlands					25	**0.1**	*0.01*	0.00	*0.00*
The Netherlands, Eindhoven					2	**0.1**	*0.06*	0.01	*0.00*
The Netherlands, Maastricht					2	**0.1**	*0.05*	0.01	*0.00*
UK, East of England Region					4	**0.1**	*0.03*	0.00	*0.00*
UK, England, Merseyside and Cheshire					1	**0.0**	*0.02*	0.00	*0.00*
UK, England, North Western					5	**0.0**	*0.02*	0.00	*0.00*
UK, England, Northern and Yorkshire					9	**0.1**	*0.02*	0.00	*0.00*
UK, England, Oxford Region					4	**0.1**	*0.03*	0.00	*0.00*
UK, England, South and Western Regions					9	**0.1**	*0.02*	0.00	*0.00*
UK, England, Thames					12	**0.0**	*0.01*	0.00	*0.00*
UK, England, Trent					6	**0.0**	*0.02*	0.00	*0.00*
UK, England, West Midlands					5	**0.0**	*0.02*	0.00	*0.00*
UK, Northern Ireland					0	**-**	-	-	-
UK, Scotland					8	**0.1**	*0.02*	0.00	*0.00*
Oceania									
Australia, New South Wales					11	**0.1**	*0.02*	0.00	*0.00*
Australia, Northern Territory					1	**0.3**	*0.25*	0.01	*0.01*
Australia, Queensland					3	**0.0**	*0.02*	0.00	*0.00*
Australia, South					5	**0.1**	*0.07*	0.01	*0.00*
Australia, Tasmania					0	**-**	-	-	-
Australia, Victoria					6	**0.0**	*0.02*	0.00	*0.00*
Australia, Western					2	**0.0**	*0.03*	0.00	*0.00*
Australian Capital Territory					3	**0.3**	*0.18*	0.02	*0.01*
French Polynesia					0	**-**	-	-	-
New Zealand					16	**0.2**	*0.04*	0.01	*0.00*
USA, Hawaii					8	**0.2**	*0.08*	0.02	*0.01*
USA, Hawaii: Chinese					1	**0.4**	*0.38*	0.03	*0.03*
USA, Hawaii: Filipino					2	**0.4**	*0.25*	0.03	*0.02*
USA, Hawaii: Hawaiian					0	**-**	-	-	-
USA, Hawaii: Japanese					0	**-**	-	-	-
USA, Hawaii: White					1	**0.2**	*0.19*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Penis (C60)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	0	-	-	-	-					*
Egypt, Gharbiah	1	**0.0**	*0.03*	-	-					
Tunisia, Centre, Sousse	0	-	-	-	-					*
Uganda, Kyadondo County	25	**2.8**	*0.65*	-	-					*
Zimbabwe, Harare: African	19	**0.9**	*0.26*	-	-					*
America, Central and South										
Argentina, Bahia Blanca	10	**1.1**	*0.37*	0.15	*0.06*					
Brazil, Brasilia	80	**3.7**	*0.44*	0.43	*0.06*					
Brazil, Cuiaba	15	**2.3**	*0.66*	0.19	*0.08*					
Brazil, Goiania	38	**2.6**	*0.45*	0.34	*0.07*					
Brazil, Sao Paulo	330	**1.5**	*0.09*	0.17	*0.01*					
Chile, Valdivia	6	**0.7**	*0.27*	0.08	*0.04*					
Colombia, Cali	64	**1.8**	*0.24*	0.19	*0.03*					
Costa Rica	100	**1.3**	*0.13*	0.15	*0.02*					
Ecuador, Quito	21	**0.8**	*0.18*	0.10	*0.03*					
France, La Martinique	9	**0.7**	*0.24*	0.07	*0.03*					
Peru, Trujillo	15	**1.8**	*0.49*	0.23	*0.07*					*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	507	**0.6**	*0.03*	0.07	*0.00*					
Canada, Alberta	58	**0.7**	*0.09*	0.08	*0.01*					
Canada, British Columbia	88	**0.6**	*0.06*	0.07	*0.01*					
Canada, Manitoba	34	**0.9**	*0.16*	0.09	*0.02*					
Canada, New Brunswick	25	**0.9**	*0.19*	0.10	*0.02*					
Canada, Newfoundland and Labrador	11	**0.6**	*0.18*	0.08	*0.03*					
Canada, Northwest Territories	0	-	-	-	-					
Canada, Nova Scotia	32	**0.9**	*0.17*	0.09	*0.02*					
Canada, Ontario	233	**0.6**	*0.04*	0.07	*0.01*					
Canada, Prince Edward Island	1	**0.2**	*0.24*	0.04	*0.04*					
Canada, Saskatchewan	25	**0.6**	*0.13*	0.08	*0.02*					
USA, Alabama	72	**0.5**	*0.06*	0.06	*0.01*					
USA, Alabama: Black	16	**0.5**	*0.14*	0.05	*0.02*					
USA, Alabama: White	55	**0.5**	*0.07*	0.06	*0.01*					
USA, Alaska	9	**0.7**	*0.24*	0.05	*0.03*					
USA, Arizona	79	**0.5**	*0.05*	0.05	*0.01*					
USA, California	461	**0.4**	*0.02*	0.05	*0.00*					
USA, California: Asian and Pacific Islander	30	**0.3**	*0.05*	0.03	*0.01*					
USA, California: Black	25	**0.4**	*0.09*	0.04	*0.01*					
USA, California: Hispanic White	106	**0.6**	*0.06*	0.06	*0.01*					
USA, California: Non-Hispanic White	292	**0.4**	*0.03*	0.05	*0.00*					
USA, California, Greater San Francisco Bay Area	80	**0.4**	*0.04*	0.04	*0.01*					
USA, California, Greater San Francisco Bay Area: Black	5	**0.3**	*0.16*	0.01	*0.01*					
USA, California, Greater San Francisco Bay Area: Chinese	3	**0.2**	*0.09*	0.03	*0.02*					
USA, California, Greater San Francisco Bay Area: Filipino	4	**0.4**	*0.23*	0.06	*0.04*					
USA, California, Greater San Francisco Bay Area: Japanese	2	**0.6**	*0.45*	0.07	*0.07*					
USA, California, Greater San Francisco Bay Area: Hispanic White	17	**0.7**	*0.18*	0.07	*0.02*					
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	43	**0.3**	*0.05*	0.03	*0.01*					
USA, California, Los Angeles County	109	**0.4**	*0.04*	0.04	*0.01*					
USA, California, Los Angeles County: Black	7	**0.3**	*0.11*	0.02	*0.01*					
USA, California, Los Angeles County: Chinese	5	**0.4**	*0.18*	0.07	*0.04*					
USA, California, Los Angeles County: Filipino	0	-	-	-	-					
USA, California, Los Angeles County: Japanese	0	-	-	-	-					
USA, California, Los Angeles County: Korean	0	-	-	-	-					
USA, California, Los Angeles County: Hispanic White	45	**0.6**	*0.11*	0.08	*0.01*					
USA, California, Los Angeles County: Non-Hispanic White	49	**0.3**	*0.05*	0.03	*0.01*					
USA, Colorado	58	**0.4**	*0.06*	0.05	*0.01*					
USA, Connecticut	83	**0.6**	*0.07*	0.07	*0.01*					
USA, Connecticut: Black	5	**0.6**	*0.29*	0.04	*0.03*					
USA, Connecticut: White	77	**0.6**	*0.08*	0.07	*0.01*					
USA, District of Columbia	12	**0.7**	*0.22*	0.10	*0.03*					
USA, District of Columbia: Black	9	**0.9**	*0.31*	0.13	*0.05*					
USA, District of Columbia: White	2	**0.4**	*0.25*	0.06	*0.05*					
USA, Florida	376	**0.6**	*0.03*	0.06	*0.00*					
USA, Florida: Black	41	**0.7**	*0.12*	0.07	*0.01*					
USA, Florida: White	329	**0.5**	*0.03*	0.06	*0.00*					
USA, Georgia	138	**0.6**	*0.05*	0.07	*0.01*					
USA, Georgia: Black	29	**0.6**	*0.12*	0.09	*0.02*					
USA, Georgia: White	107	**0.6**	*0.06*	0.07	*0.01*					
USA, Georgia, Atlanta	28	**0.4**	*0.08*	0.04	*0.01*					
USA, Georgia, Atlanta: Black	8	**0.5**	*0.20*	0.08	*0.04*					
USA, Georgia, Atlanta: White	19	**0.4**	*0.09*	0.03	*0.01*					
USA, Idaho	26	**0.6**	*0.13*	0.08	*0.02*					
USA, Illinois	231	**0.6**	*0.04*	0.06	*0.01*					
USA, Illinois: Black	25	**0.6**	*0.11*	0.07	*0.02*					
USA, Illinois: White	193	**0.5**	*0.04*	0.06	*0.01*					
USA, Indiana	116	**0.6**	*0.06*	0.06	*0.01*					
USA, Iowa	66	**0.6**	*0.08*	0.07	*0.01*					
USA, Kentucky	127	**1.0**	*0.09*	0.11	*0.01*					
USA, Louisiana	88	**0.6**	*0.07*	0.07	*0.01*					
USA, Louisiana: Black	26	**0.8**	*0.16*	0.08	*0.02*					
USA, Louisiana: White	61	**0.6**	*0.08*	0.07	*0.01*					
USA, Louisiana, New Orleans: Black	3	**0.3**	*0.20*	0.05	*0.03*					
USA, Louisiana, New Orleans: White	11	**0.5**	*0.16*	0.04	*0.02*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Penis (C60) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	37	**0.7**	*0.12*	0.09	*0.02*					
USA, Massachusetts	139	**0.6**	*0.06*	0.07	*0.01*					
USA, Michigan	190	**0.6**	*0.04*	0.07	*0.01*					
USA, Michigan: Black	18	**0.6**	*0.14*	0.06	*0.02*					
USA, Michigan: White	170	**0.6**	*0.05*	0.07	*0.01*					
USA, Michigan, Detroit	81	**0.6**	*0.07*	0.07	*0.01*					
USA, Michigan, Detroit: Black	16	**0.6**	*0.17*	0.06	*0.02*					
USA, Michigan, Detroit: White	65	**0.6**	*0.08*	0.07	*0.01*					
USA, Missouri	106	**0.5**	*0.06*	0.06	*0.01*					
USA, Missouri: Black	2	**0.1**	*0.10*	0.01	*0.01*					
USA, Missouri: White	103	**0.6**	*0.06*	0.07	*0.01*					
USA, Montana	24	**0.7**	*0.14*	0.08	*0.02*					
USA, NPCR	4146	**0.6**	*0.01*	0.06	*0.00*					
USA, NPCR: Black	356	**0.6**	*0.03*	0.06	*0.00*					
USA, NPCR: White	3636	**0.6**	*0.01*	0.06	*0.00*					
USA, New Jersey	172	**0.6**	*0.05*	0.07	*0.01*					
USA, New Jersey: Black	16	**0.5**	*0.13*	0.05	*0.02*					
USA, New Jersey: White	146	**0.6**	*0.05*	0.07	*0.01*					
USA, New Mexico	33	**0.5**	*0.09*	0.05	*0.01*					
USA, New Mexico: American Indian	7	**1.8**	*0.70*	0.20	*0.10*					
USA, New Mexico: Hispanic White	14	**0.7**	*0.19*	0.07	*0.03*					
USA, New Mexico: Non-Hispanic White	10	**0.2**	*0.08*	0.03	*0.01*					
USA, New York State	363	**0.6**	*0.03*	0.06	*0.00*					
USA, New York State: Black	33	**0.5**	*0.08*	0.05	*0.01*					
USA, New York State: White	318	**0.6**	*0.03*	0.07	*0.00*					
USA, Ohio	193	**0.5**	*0.04*	0.06	*0.01*					
USA, Ohio: Black	8	**0.2**	*0.09*	0.03	*0.01*					
USA, Ohio: White	178	**0.5**	*0.04*	0.06	*0.01*					
USA, Oklahoma	72	**0.6**	*0.07*	0.06	*0.01*					
USA, Oregon	48	**0.4**	*0.06*	0.05	*0.01*					
USA, Pennsylvania	243	**0.5**	*0.03*	0.06	*0.01*					
USA, Pennsylvania: Black	18	**0.6**	*0.14*	0.06	*0.02*					
USA, Pennsylvania: White	218	**0.5**	*0.04*	0.06	*0.01*					
USA, Rhode Island	24	**0.6**	*0.13*	0.08	*0.02*					
USA, SEER (9 Registries)	448	**0.5**	*0.02*	0.05	*0.00*					
USA, SEER (9 Registries): Black	37	**0.5**	*0.09*	0.05	*0.01*					
USA, SEER (9 Registries): White	381	**0.5**	*0.03*	0.06	*0.00*					
USA, SEER (14 Registries)	1237	**0.5**	*0.02*	0.06	*0.00*					
USA, SEER (14 Registries): Asian and Pacific Islander	47	**0.3**	*0.04*	0.03	*0.01*					
USA, SEER (14 Registries): Black	108	**0.6**	*0.06*	0.06	*0.01*					
USA, SEER (14 Registries): Hispanic White	171	**0.7**	*0.06*	0.08	*0.01*					
USA, SEER (14 Registries): Non-Hispanic White	887	**0.5**	*0.02*	0.06	*0.00*					
USA, South Carolina	84	**0.6**	*0.07*	0.07	*0.01*					
USA, South Carolina: Black	21	**0.7**	*0.17*	0.08	*0.02*					
USA, South Carolina: White	62	**0.6**	*0.08*	0.07	*0.01*					
USA, Texas	412	**0.7**	*0.04*	0.08	*0.00*					
USA, Texas: Black	32	**0.6**	*0.11*	0.08	*0.02*					
USA, Texas: White	373	**0.7**	*0.04*	0.08	*0.01*					
USA, Utah	23	**0.4**	*0.09*	0.05	*0.01*					
USA, Vermont	16	**0.8**	*0.20*	0.09	*0.03*					
USA, Washington State	83	**0.4**	*0.05*	0.05	*0.01*					
USA, Washington, Seattle	59	**0.4**	*0.06*	0.05	*0.01*					
USA, West Virginia	58	**0.8**	*0.11*	0.10	*0.02*					
USA, Wisconsin	89	**0.5**	*0.05*	0.06	*0.01*					
Asia										
Bahrain: Bahraini	1	**0.2**	*0.17*	-	-					
China, Guangzhou City	17	**0.3**	*0.07*	0.03	*0.01*					*
China, Hong Kong										
China, Jiashan	11	**0.9**	*0.27*	0.08	*0.03*					*
China, Nangang District, Harbin City	5	**0.3**	*0.13*	0.03	*0.01*					
China, Shanghai	71	**0.3**	*0.04*	0.03	*0.00*					*
China, Zhongshan	20	**0.6**	*0.14*	0.08	*0.02*					*
Cyprus	17	**0.7**	*0.17*	0.07	*0.02*					*
India, Chennai (Madras)	162	**1.7**	*0.14*	0.20	*0.02*					
India, New Delhi	211	**0.9**	*0.07*	0.10	*0.01*					*
India, Karunagappally	9	**1.0**	*0.34*	0.12	*0.05*					
India, Mumbai (Bombay)	196	**0.8**	*0.06*	0.09	*0.01*					
India, Nagpur	68	**1.6**	*0.21*	0.21	*0.03*					*
India, Poona	87	**1.3**	*0.14*	0.13	*0.02*					*
India, Trivandrum	22	**0.8**	*0.18*	0.09	*0.02*					*
Israel	19	**0.1**	*0.02*	0.01	*0.00*					
Israel: Jews	15	**0.1**	*0.02*	0.01	*0.00*					
Israel: Non-Jews	4	**0.2**	*0.13*	0.01	*0.01*					
Japan, Aichi Prefecture	5	**0.1**	*0.06*	0.02	*0.01*					
Japan, Fukui Prefecture	8	**0.2**	*0.06*	0.02	*0.01*					
Japan, Hiroshima	10	**0.2**	*0.07*	0.02	*0.01*					
Japan, Miyagi Prefecture	28	**0.3**	*0.05*	0.03	*0.01*					
Japan, Nagasaki Prefecture	20	**0.3**	*0.07*	0.04	*0.01*					
Japan, Osaka Prefecture	55	**0.2**	*0.02*	0.01	*0.00*					
Japan, Yamagata Prefecture	12	**0.2**	*0.05*	0.02	*0.01*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Penis (C60) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	215	**0.3**	*0.02*	0.03	*0.00*					
Korea, Busan	21	**0.2**	*0.06*	0.03	*0.01*					
Korea, Daegu	16	**0.4**	*0.10*	0.03	*0.01*					
Korea, Daejeon	6	**0.2**	*0.11*	0.05	*0.02*					
Korea, Gwangju	3	**0.2**	*0.13*	0.03	*0.02*					
Korea, Incheon	12	**0.2**	*0.07*	0.02	*0.01*					
Korea, Jejudo	1	**0.1**	*0.09*	0.01	*0.01*					
Korea, Seoul	43	**0.2**	*0.04*	0.02	*0.00*					
Korea, Ulsan	0	**-**	-	-	-					
Kuwait: Kuwaitis	0	**-**	-	-	-					
Kuwait: Non-Kuwaitis	3	**0.0**	*0.03*	0.00	*0.00*					
Malaysia, Penang	8	**0.4**	*0.16*	0.04	*0.02*					
Malaysia, Sarawak	42	**0.9**	*0.15*	0.10	*0.02*					
Oman: Omani	0	**-**	-	-	-					*
Pakistan, South Karachi	1	**0.0**	*0.05*	-	-					*
Philippines, Manila	47	**0.6**	*0.10*	0.05	*0.01*					*
Singapore	40	**0.5**	*0.07*	0.04	*0.01*					
Singapore: Chinese	37	**0.5**	*0.09*	0.05	*0.01*					
Singapore: Indian	3	**0.4**	*0.23*	0.05	*0.03*					
Singapore: Malay	0	**-**	-	-	-					
Thailand, Chiang Mai	69	**1.7**	*0.21*	0.21	*0.03*					*
Thailand, Lampang	36	**1.6**	*0.27*	0.17	*0.03*					*
Thailand, Songkhla	58	**2.2**	*0.29*	0.29	*0.04*					
Turkey, Antalya	1	**0.0**	*0.03*	0.00	*0.00*					*
Turkey, Izmir	2	**0.0**	*0.02*	0.00	*0.00*					*
Europe										
Austria	225	**0.8**	*0.05*	0.09	*0.01*					
Austria, Tyrol	13	**0.6**	*0.16*	0.08	*0.02*					
Austria, Vorarlberg	4	**0.4**	*0.20*	0.04	*0.02*					
Belarus	197	**0.7**	*0.05*	0.07	*0.01*					*
Belgium, Antwerp	41	**0.6**	*0.09*	0.06	*0.01*					*
Belgium, Flanders	132	**0.6**	*0.06*	0.07	*0.01*					
Bulgaria	226	**0.7**	*0.05*	0.08	*0.01*					*
Croatia	96	**0.6**	*0.06*	0.07	*0.01*					
Czech Republic	338	**0.9**	*0.05*	0.10	*0.01*					
Denmark	240	**1.1**	*0.07*	0.12	*0.01*					
Estonia	39	**0.9**	*0.15*	0.10	*0.02*					
Finland	99	**0.5**	*0.05*	0.06	*0.01*					
France, Bas-Rhin	23	**0.6**	*0.13*	0.05	*0.01*					
France, Calvados	21	**0.7**	*0.17*	0.08	*0.02*					
France, Doubs	10	**0.6**	*0.19*	0.07	*0.02*					
France, Haut-Rhin	19	**0.7**	*0.17*	0.07	*0.02*					
France, Herault	25	**0.6**	*0.13*	0.06	*0.02*					
France, Isere	26	**0.6**	*0.13*	0.06	*0.02*					
France, Loire-Atlantique	22	**0.5**	*0.11*	0.04	*0.01*					
France, Manche	16	**0.8**	*0.20*	0.09	*0.03*					
France, Somme	18	**0.8**	*0.20*	0.09	*0.03*					
France, Tarn	16	**0.7**	*0.19*	0.07	*0.03*					
France, Vendee	7	**0.3**	*0.11*	0.04	*0.02*					
Germany, Brandenburg	95	**0.9**	*0.10*	0.11	*0.01*					
Germany, Free State of Saxony	151	**0.8**	*0.07*	0.09	*0.01*					
Germany, Hamburg	58	**0.8**	*0.11*	0.10	*0.02*					
Germany, Mecklenburg-Western Pomerania	67	**1.0**	*0.12*	0.11	*0.02*					
Germany, Munich	60	**0.6**	*0.08*	0.06	*0.01*					
Germany, Northrhine-Westphalia: Munster	59	**0.6**	*0.08*	0.06	*0.01*					
Germany, Saarland	30	**0.6**	*0.12*	0.06	*0.01*					
Iceland	10	**1.1**	*0.36*	0.13	*0.05*					
Ireland	106	**0.9**	*0.09*	0.10	*0.01*					
Italy, Biella Province	6	**0.6**	*0.24*	0.05	*0.03*					
Italy, Brescia Province	4	**0.2**	*0.09*	0.03	*0.01*					
Italy, Ferrara Province	9	**0.5**	*0.16*	0.05	*0.02*					
Italy, Florence and Prato	39	**0.7**	*0.12*	0.09	*0.02*					
Italy, Genoa Province	20	**0.7**	*0.16*	0.06	*0.02*					
Italy, Macerata Province	6	**0.7**	*0.29*	0.07	*0.04*					
Italy, Milan	39	**0.8**	*0.13*	0.09	*0.02*					
Italy, Modena Province	15	**0.5**	*0.14*	0.05	*0.02*					
Italy, Naples	6	**0.4**	*0.15*	0.02	*0.02*					
Italy, North East Cancer Surveillance Network	60	**0.6**	*0.08*	0.06	*0.01*					
Italy, Parma Province	15	**0.8**	*0.21*	0.09	*0.03*					
Italy, Ragusa Province	11	**0.7**	*0.24*	0.07	*0.03*					
Italy, Reggio Emilia Province	8	**0.4**	*0.16*	0.05	*0.02*					
Italy, Romagna Region	40	**0.8**	*0.14*	0.08	*0.02*					
Italy, Salerno Province	41	**1.2**	*0.20*	0.12	*0.02*					
Italy, Sassari Province	12	**0.6**	*0.18*	0.06	*0.02*					
Italy, Syracuse Province	13	**1.1**	*0.32*	0.12	*0.04*					
Italy, Sondrio	7	**0.9**	*0.36*	0.08	*0.04*					
Italy, Torino	32	**0.7**	*0.12*	0.08	*0.02*					
Italy, Umbria Region	35	**0.9**	*0.16*	0.09	*0.02*					
Italy, Varese Province	9	**0.4**	*0.14*	0.06	*0.02*					
Italy, Veneto Region	50	**0.7**	*0.10*	0.07	*0.01*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Penis (C60) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	67	**0.9**	*0.11*	0.10	*0.01*					
Lithuania	104	**1.0**	*0.10*	0.11	*0.01*					
Malta	11	**0.8**	*0.24*	0.08	*0.04*					
Norway	127	**0.7**	*0.06*	0.08	*0.01*					
Poland, Cracow	12	**0.5**	*0.14*	0.03	*0.01*					*
Poland, Kielce	28	**0.7**	*0.13*	0.06	*0.02*					
Poland, Warsaw City	56	**0.9**	*0.13*	0.11	*0.02*					
Portugal, Porto	113	**1.1**	*0.10*	0.12	*0.01*					*
Portugal, South Regional	123	**1.1**	*0.11*	0.13	*0.01*					
Russia, St Petersburg	80	**0.6**	*0.07*	0.07	*0.01*					
Serbia	132	**0.7**	*0.07*	0.08	*0.01*					
Slovak Republic	111	**0.7**	*0.07*	0.09	*0.01*					
Slovenia	40	**0.6**	*0.09*	0.06	*0.01*					
Spain, Albacete	14	**1.2**	*0.35*	0.11	*0.04*					
Spain, Asturias	42	**0.9**	*0.15*	0.10	*0.02*					
Spain, Basque Country	50	**0.7**	*0.10*	0.08	*0.01*					
Spain, Canary Islands	48	**1.0**	*0.15*	0.11	*0.02*					
Spain, Cuenca	14	**1.0**	*0.30*	0.13	*0.04*					
Spain, Girona	21	**0.9**	*0.22*	0.11	*0.03*					
Spain, Granada	26	**0.9**	*0.19*	0.10	*0.02*					
Spain, Murcia	57	**1.4**	*0.19*	0.16	*0.03*					
Spain, Navarra	20	**0.7**	*0.16*	0.09	*0.03*					
Spain, Tarragona	27	**1.3**	*0.27*	0.17	*0.04*					
Spain, Zaragoza	29	**0.7**	*0.14*	0.06	*0.02*					
Sweden	379	**1.0**	*0.05*	0.11	*0.01*					
Switzerland, Geneva	13	**0.9**	*0.24*	0.08	*0.03*					
Switzerland, Graubunden and Glarus	8	**0.9**	*0.32*	0.09	*0.04*					
Switzerland, Neuchatel	8	**1.2**	*0.44*	0.09	*0.05*					
Switzerland, St Gall-Appenzell	18	**1.0**	*0.23*	0.12	*0.04*					
Switzerland, Ticino	6	**0.5**	*0.20*	0.05	*0.02*					
Switzerland, Valais	7	**0.6**	*0.25*	0.06	*0.03*					
Switzerland, Vaud	22	**0.9**	*0.19*	0.11	*0.03*					
The Netherlands	466	**0.8**	*0.04*	0.09	*0.01*					
The Netherlands, Eindhoven	26	**0.7**	*0.14*	0.07	*0.02*					
The Netherlands, Maastricht	19	**0.5**	*0.12*	0.07	*0.02*					
UK, East of England Region	94	**0.8**	*0.09*	0.09	*0.01*					
UK, England, Merseyside and Cheshire	90	**1.0**	*0.11*	0.11	*0.01*					
UK, England, North Western	154	**0.9**	*0.08*	0.11	*0.01*					
UK, England, Northern and Yorkshire	256	**1.0**	*0.06*	0.10	*0.01*					
UK, England, Oxford Region	101	**1.0**	*0.10*	0.11	*0.01*					
UK, England, South and Western Regions	264	**0.9**	*0.06*	0.10	*0.01*					
UK, England, Thames	354	**0.7**	*0.04*	0.07	*0.01*					
UK, England, Trent	190	**1.0**	*0.08*	0.11	*0.01*					
UK, England, West Midlands	170	**0.8**	*0.07*	0.09	*0.01*					
UK, Northern Ireland	67	**1.2**	*0.15*	0.13	*0.02*					
UK, Scotland	176	**0.9**	*0.07*	0.10	*0.01*					
Oceania										
Australia, New South Wales	115	**0.5**	*0.05*	0.06	*0.01*					
Australia, Northern Territory	4	**1.1**	*0.58*	0.12	*0.09*					
Australia, Queensland	75	**0.6**	*0.07*	0.07	*0.01*					
Australia, South	28	**0.4**	*0.09*	0.05	*0.01*					
Australia, Tasmania	7	**0.4**	*0.14*	0.04	*0.02*					
Australia, Victoria	84	**0.5**	*0.05*	0.05	*0.01*					
Australia, Western	27	**0.4**	*0.08*	0.04	*0.01*					
Australian Capital Territory	7	**0.8**	*0.32*	0.09	*0.04*					
French Polynesia	3	**0.7**	*0.38*	0.07	*0.04*					
New Zealand	62	**0.5**	*0.06*	0.05	*0.01*					
USA, Hawaii	13	**0.3**	*0.08*	0.03	*0.01*					
USA, Hawaii: Chinese	0	**-**	-	-	-					
USA, Hawaii: Filipino	3	**0.3**	*0.18*	0.03	*0.03*					
USA, Hawaii: Hawaiian	0	**-**	-	-	-					
USA, Hawaii: Japanese	3	**0.2**	*0.12*	0.02	*0.02*					
USA, Hawaii: White	7	**0.6**	*0.23*	0.07	*0.03*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Prostate (C61)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	142	**7.5**	*0.64*	-	-					*
Egypt, Gharbiah	273	**8.5**	*0.53*	-	-					
Tunisia, Centre, Sousse	134	**14.1**	*1.22*	-	-					*
Uganda, Kyadondo County	262	**37.6**	*2.45*	-	-					*
Zimbabwe, Harare: African	418	**38.1**	*2.02*	-	-					*
America, Central and South										
Argentina, Bahia Blanca	341	**36.4**	*2.08*	4.68	*0.33*					
Brazil, Brasilia	1727	**101.5**	*2.62*	12.14	*0.40*					
Brazil, Cuiaba	415	**79.3**	*3.94*	10.27	*0.65*					
Brazil, Goiania	1029	**83.4**	*2.62*	10.21	*0.42*					
Brazil, Sao Paulo	16155	**84.8**	*0.69*	10.57	*0.11*					
Chile, Valdivia	529	**57.6**	*2.55*	6.83	*0.41*					
Colombia, Cali	2070	**63.2**	*1.47*	7.80	*0.23*					
Costa Rica	3406	**47.0**	*0.83*	5.47	*0.13*					
Ecuador, Quito	1075	**39.7**	*1.27*	4.74	*0.20*					
France, La Martinique	1932	**153.0**	*3.61*	20.08	*0.58*					
Peru, Trujillo	229	**27.3**	*1.84*	3.56	*0.31*					*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	76342	**93.3**	*0.35*	12.39	*0.05*					
Canada, Alberta	9362	**105.1**	*1.12*	14.07	*0.18*					
Canada, British Columbia	14085	**92.1**	*0.81*	12.12	*0.13*					
Canada, Manitoba	3649	**87.0**	*1.52*	11.67	*0.24*					
Canada, New Brunswick	2562	**94.3**	*1.94*	12.55	*0.31*					
Canada, Newfoundland and Labrador	1515	**81.3**	*2.15*	11.05	*0.34*					
Canada, Northwest Territories	29	**43.7**	*8.35*	5.95	*1.38*					
Canada, Nova Scotia	3315	**95.1**	*1.71*	12.38	*0.27*					
Canada, Ontario	37402	**91.8**	*0.49*	12.25	*0.08*					
Canada, Prince Edward Island	542	**112.1**	*4.97*	14.96	*0.76*					
Canada, Saskatchewan	3881	**93.6**	*1.63*	12.08	*0.26*					
USA, Alabama	13398	**90.5**	*0.80*	12.21	*0.12*					
USA, Alabama: Black	3460	**133.2**	*2.34*	17.85	*0.36*					
USA, Alabama: White	9447	**78.1**	*0.83*	10.65	*0.13*					
USA, Alaska	1496	**109.1**	*2.91*	14.40	*0.46*					
USA, Arizona	14987	**84.5**	*0.72*	11.58	*0.11*					
USA, California	103927	**106.4**	*0.34*	14.41	*0.05*					
USA, California: Asian and Pacific Islander	6246	**55.7**	*0.73*	7.54	*0.12*					
USA, California: Black	9190	**170.9**	*1.81*	22.95	*0.28*					
USA, California: Hispanic White	12278	**87.4**	*0.80*	11.87	*0.13*					
USA, California: Non-Hispanic White	70762	**108.2**	*0.43*	14.74	*0.07*					
USA, California, Greater San Francisco Bay Area	21432	**110.4**	*0.79*	15.02	*0.13*					
USA, California, Greater San Francisco Bay Area: Black	1903	**155.8**	*3.65*	21.24	*0.57*					
USA, California, Greater San Francisco Bay Area: Chinese	920	**52.0**	*1.80*	7.16	*0.30*					
USA, California, Greater San Francisco Bay Area: Filipino	605	**68.5**	*2.88*	9.39	*0.47*					
USA, California, Greater San Francisco Bay Area: Japanese	229	**66.6**	*4.87*	9.59	*0.81*					
USA, California, Greater San Francisco Bay Area: Hispanic White	1740	**91.6**	*2.23*	12.58	*0.36*					
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	14539	**118.0**	*1.03*	16.13	*0.16*					
USA, California, Los Angeles County	27673	**110.2**	*0.69*	14.83	*0.11*					
USA, California, Los Angeles County: Black	4491	**186.4**	*2.82*	25.00	*0.44*					
USA, California, Los Angeles County: Chinese	587	**48.7**	*2.12*	6.26	*0.34*					
USA, California, Los Angeles County: Filipino	670	**88.5**	*3.56*	12.20	*0.58*					
USA, California, Los Angeles County: Japanese	466	**74.7**	*3.89*	10.24	*0.61*					
USA, California, Los Angeles County: Korean	160	**30.9**	*2.48*	4.31	*0.43*					
USA, California, Los Angeles County: Hispanic White	4991	**92.8**	*1.34*	12.40	*0.21*					
USA, California, Los Angeles County: Non-Hispanic White	14329	**109.3**	*0.97*	14.84	*0.15*					
USA, Colorado	12995	**109.4**	*0.99*	14.96	*0.16*					
USA, Connecticut	14162	**121.5**	*1.08*	16.57	*0.17*					
USA, Connecticut: Black	1156	**177.5**	*5.28*	24.28	*0.83*					
USA, Connecticut: White	12665	**116.3**	*1.10*	15.88	*0.17*					
USA, District of Columbia	2665	**158.6**	*3.18*	21.48	*0.50*					
USA, District of Columbia: Black	1934	**178.6**	*4.22*	23.85	*0.65*					
USA, District of Columbia: White	603	**109.4**	*4.61*	15.33	*0.75*					
USA, Florida	72917	**105.8**	*0.42*	14.56	*0.06*					
USA, Florida: Black	7976	**160.6**	*1.82*	21.78	*0.29*					
USA, Florida: White	63829	**100.4**	*0.43*	13.85	*0.07*					
USA, Georgia	23930	**111.2**	*0.73*	15.06	*0.12*					
USA, Georgia: Black	7023	**172.9**	*2.11*	22.90	*0.33*					
USA, Georgia: White	16649	**97.2**	*0.77*	13.33	*0.12*					
USA, Georgia, Atlanta	7971	**129.4**	*1.49*	17.78	*0.24*					
USA, Georgia, Atlanta: Black	2714	**185.7**	*3.69*	24.62	*0.59*					
USA, Georgia, Atlanta: White	5119	**114.9**	*1.65*	16.08	*0.27*					
USA, Idaho	4628	**110.3**	*1.69*	14.87	*0.27*					
USA, Illinois	41322	**107.2**	*0.55*	14.56	*0.09*					
USA, Illinois: Black	6238	**149.3**	*1.92*	19.69	*0.30*					
USA, Illinois: White	33285	**99.8**	*0.57*	13.61	*0.09*					
USA, Indiana	17485	**89.3**	*0.70*	12.14	*0.11*					
USA, Iowa	11050	**100.9**	*1.02*	13.60	*0.16*					
USA, Kentucky	13571	**100.9**	*0.89*	13.34	*0.14*					
USA, Louisiana	15914	**116.7**	*0.96*	15.45	*0.15*					
USA, Louisiana: Black	4777	**153.6**	*2.28*	20.10	*0.36*					
USA, Louisiana: White	11003	**106.1**	*1.05*	14.15	*0.16*					
USA, Louisiana, New Orleans: Black	1343	**148.2**	*4.13*	19.67	*0.65*					
USA, Louisiana, New Orleans: White	2008	**97.7**	*2.30*	13.29	*0.36*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Prostate (C61) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	5417	**111.1**	*1.58*	15.04	*0.25*					
USA, Massachusetts	25644	**125.3**	*0.82*	17.26	*0.13*					
USA, Michigan	42512	**131.2**	*0.66*	17.64	*0.10*					
USA, Michigan: Black	6463	**200.9**	*2.58*	26.62	*0.40*					
USA, Michigan: White	34438	**120.0**	*0.68*	16.24	*0.11*					
USA, Michigan, Detroit	19137	**151.2**	*1.15*	20.18	*0.18*					
USA, Michigan, Detroit: Black	5154	**216.0**	*3.13*	28.79	*0.49*					
USA, Michigan, Detroit: White	13626	**135.6**	*1.23*	18.11	*0.19*					
USA, Missouri	17661	**94.6**	*0.74*	13.04	*0.11*					
USA, Missouri: Black	1980	**147.3**	*3.38*	19.76	*0.52*					
USA, Missouri: White	15519	**90.5**	*0.75*	12.52	*0.12*					
USA, Montana	3980	**118.8**	*1.96*	16.23	*0.31*					
USA, NPCR	784436	**108.5**	*0.13*	14.74	*0.02*					
USA, NPCR: Black	95223	**163.0**	*0.54*	21.79	*0.08*					
USA, NPCR: White	653240	**102.2**	*0.13*	13.93	*0.02*					
USA, New Jersey	38030	**134.7**	*0.72*	18.29	*0.11*					
USA, New Jersey: Black	5225	**195.0**	*2.73*	26.34	*0.43*					
USA, New Jersey: White	31523	**128.7**	*0.77*	17.48	*0.12*					
USA, New Mexico	5891	**98.8**	*1.33*	13.34	*0.21*					
USA, New Mexico: American Indian	143	**43.8**	*3.75*	5.24	*0.56*					
USA, New Mexico: Hispanic White	1533	**85.2**	*2.22*	11.46	*0.36*					
USA, New Mexico: Non-Hispanic White	4074	**110.3**	*1.81*	14.96	*0.28*					
USA, New York State	70437	**114.8**	*0.45*	15.55	*0.07*					
USA, New York State: Black	12099	**187.9**	*1.73*	24.98	*0.27*					
USA, New York State: White	56746	**108.3**	*0.48*	14.72	*0.07*					
USA, Ohio	38748	**100.4**	*0.53*	13.53	*0.08*					
USA, Ohio: Black	4595	**146.5**	*2.21*	19.88	*0.34*					
USA, Ohio: White	31442	**89.4**	*0.53*	12.06	*0.08*					
USA, Oklahoma	11245	**93.3**	*0.92*	12.47	*0.14*					
USA, Oregon	13098	**111.5**	*1.03*	15.31	*0.16*					
USA, Pennsylvania	53915	**117.3**	*0.54*	16.04	*0.08*					
USA, Pennsylvania: Black	5325	**180.6**	*2.54*	24.53	*0.39*					
USA, Pennsylvania: White	46933	**110.0**	*0.54*	15.07	*0.08*					
USA, Rhode Island	4342	**118.8**	*1.93*	15.93	*0.30*					
USA, SEER (9 Registries)	97659	**118.4**	*0.40*	16.00	*0.06*					
USA, SEER (9 Registries): Black	11739	**190.1**	*1.80*	25.45	*0.28*					
USA, SEER (9 Registries): White	79315	**116.0**	*0.43*	15.73	*0.07*					
USA, SEER (14 Registries)	255181	**113.7**	*0.23*	15.34	*0.04*					
USA, SEER (14 Registries): Asian and Pacific Islander	10110	**58.0**	*0.60*	7.74	*0.10*					
USA, SEER (14 Registries): Black	30470	**178.8**	*1.04*	23.85	*0.16*					
USA, SEER (14 Registries): Hispanic White	17271	**90.8**	*0.70*	12.28	*0.11*					
USA, SEER (14 Registries): Non-Hispanic White	189664	**112.3**	*0.27*	15.23	*0.04*					
USA, South Carolina	15161	**117.6**	*0.98*	15.79	*0.15*					
USA, South Carolina: Black	4735	**178.5**	*2.66*	23.87	*0.42*					
USA, South Carolina: White	10135	**99.8**	*1.02*	13.54	*0.16*					
USA, Texas	55354	**97.4**	*0.43*	13.23	*0.07*					
USA, Texas: Black	6685	**139.1**	*1.74*	18.39	*0.27*					
USA, Texas: White	47288	**93.2**	*0.44*	12.70	*0.07*					
USA, Utah	6477	**120.1**	*1.56*	16.40	*0.25*					
USA, Vermont	2302	**110.5**	*2.38*	14.99	*0.37*					
USA, Washington State	21790	**117.7**	*0.83*	15.98	*0.13*					
USA, Washington, Seattle	14760	**118.7**	*1.02*	16.05	*0.16*					
USA, West Virginia	7073	**96.5**	*1.20*	12.85	*0.19*					
USA, Wisconsin	20032	**110.6**	*0.82*	15.04	*0.13*					
Asia										
Bahrain: Bahraini	78	**14.3**	*1.63*	1.38	*0.23*					
China, Guangzhou City	335	**6.7**	*0.39*	0.65	*0.05*					*
China, Hong Kong	3553	**15.0**	*0.26*	1.67	*0.04*					
China, Jiashan	16	**1.4**	*0.37*	0.12	*0.04*					*
China, Nangang District, Harbin City	47	**2.1**	*0.31*	0.22	*0.04*					
China, Shanghai	1838	**6.9**	*0.17*	0.71	*0.02*					*
China, Zhongshan	73	**2.3**	*0.27*	0.32	*0.04*					*
Cyprus	1030	**40.8**	*1.35*	5.08	*0.22*					*
India, Chennai (Madras)	326	**3.9**	*0.22*	0.48	*0.03*					
India, New Delhi	1346	**8.4**	*0.23*	1.04	*0.04*					*
India, Karunagappally	36	**4.4**	*0.73*	0.62	*0.13*					
India, Mumbai (Bombay)	1219	**6.9**	*0.20*	0.76	*0.03*					
India, Nagpur	108	**3.0**	*0.30*	0.38	*0.04*					*
India, Poona	346	**6.4**	*0.35*	0.67	*0.05*					*
India, Trivandrum	143	**5.6**	*0.47*	0.66	*0.07*					*
Israel	8689	**50.2**	*0.57*	6.55	*0.09*					
Israel: Jews	7779	**49.2**	*0.59*	6.45	*0.09*					
Israel: Non-Jews	253	**20.0**	*1.27*	2.76	*0.22*					
Japan, Aichi Prefecture	573	**14.2**	*0.60*	1.69	*0.09*					
Japan, Fukui Prefecture	690	**13.6**	*0.54*	1.51	*0.08*					
Japan, Hiroshima	981	**21.5**	*0.70*	2.43	*0.11*					
Japan, Miyagi Prefecture	2688	**22.0**	*0.44*	2.46	*0.07*					
Japan, Nagasaki Prefecture	1787	**20.0**	*0.49*	2.34	*0.08*					
Japan, Osaka Prefecture	4452	**11.3**	*0.17*	1.20	*0.02*					
Japan, Yamagata Prefecture	1106	**13.4**	*0.43*	1.53	*0.07*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Prostate (C61) (contd)

	Male					Female			
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)	CUM 0-74	
Asia (contd)									
Korea	6354	**8.5**	*0.11*	0.95	*0.02*				
Korea, Busan	455	**7.3**	*0.37*	0.81	*0.05*				
Korea, Daegu	309	**7.7**	*0.45*	0.85	*0.07*				
Korea, Daejeon	123	**5.8**	*0.54*	0.72	*0.09*				
Korea, Gwangju	187	**9.0**	*0.69*	0.91	*0.09*				
Korea, Incheon	308	**7.8**	*0.46*	0.93	*0.07*				
Korea, Jejudo	74	**11.8**	*1.41*	1.27	*0.20*				
Korea, Seoul	1947	**12.7**	*0.31*	1.30	*0.04*				
Korea, Ulsan	75	**8.6**	*1.07*	0.97	*0.16*				
Kuwait: Kuwaitis	88	**10.5**	*1.12*	1.31	*0.18*				
Kuwait: Non-Kuwaitis	58	**9.4**	*1.63*	0.88	*0.20*				
Malaysia, Penang	186	**11.3**	*0.84*	1.16	*0.12*				
Malaysia, Sarawak	187	**5.8**	*0.43*	0.69	*0.07*				
Oman: Omani	166	**10.5**	*0.82*	1.37	*0.13*				*
Pakistan, South Karachi	206	**10.1**	*0.72*	1.34	*0.12*				*
Philippines, Manila	1239	**25.3**	*0.74*	2.75	*0.11*				*
Singapore	1314	**17.3**	*0.48*	1.96	*0.07*				
Singapore: Chinese	1093	**18.6**	*0.56*	2.14	*0.09*				
Singapore: Indian	84	**11.1**	*1.29*	1.07	*0.15*				
Singapore: Malay	137	**16.1**	*1.40*	1.90	*0.21*				
Thailand, Chiang Mai	211	**5.3**	*0.36*	0.51	*0.05*				*
Thailand, Lampang	106	**4.9**	*0.49*	0.51	*0.07*				*
Thailand, Songkhla	127	**4.6**	*0.41*	0.48	*0.06*				
Turkey, Antalya	508	**19.1**	*0.86*	2.42	*0.13*				*
Turkey, Izmir	1014	**13.7**	*0.44*	1.78	*0.07*				*
Europe									
Austria	24603	**79.5**	*0.52*	10.39	*0.08*				
Austria, Tyrol	2691	**117.3**	*2.30*	15.59	*0.35*				
Austria, Vorarlberg	1204	**103.7**	*3.02*	13.72	*0.47*				
Belarus	6114	**19.9**	*0.26*	2.49	*0.04*				*
Belgium, Antwerp	5407	**70.0**	*0.99*	8.85	*0.15*				*
Belgium, Flanders	18254	**84.8**	*0.65*	10.86	*0.10*				
Bulgaria	6551	**17.1**	*0.22*	2.11	*0.03*				*
Croatia	4879	**27.7**	*0.41*	2.99	*0.06*				
Czech Republic	15172	**39.5**	*0.33*	4.74	*0.05*				
Denmark	9906	**40.4**	*0.43*	4.71	*0.07*				
Estonia	1857	**39.4**	*0.92*	4.77	*0.14*				
Finland	17314	**82.7**	*0.64*	10.11	*0.10*				
France, Bas-Rhin	3267	**87.7**	*1.56*	11.62	*0.25*				
France, Calvados	1789	**70.0**	*1.74*	9.56	*0.28*				
France, Doubs	1535	**76.7**	*2.02*	10.01	*0.32*				
France, Haut-Rhin	2185	**78.4**	*1.71*	9.82	*0.27*				
France, Herault	3574	**82.7**	*1.48*	10.91	*0.23*				
France, Isere	3157	**75.1**	*1.38*	9.68	*0.22*				
France, Loire-Atlantique	4325	**99.2**	*1.58*	13.22	*0.25*				
France, Manche	1512	**59.6**	*1.63*	7.85	*0.26*				
France, Somme	1710	**73.2**	*1.87*	9.20	*0.29*				
France, Tarn	1576	**79.0**	*2.18*	10.31	*0.33*				
France, Vendee	2244	**80.8**	*1.82*	10.75	*0.28*				
Germany, Brandenburg	5902	**55.6**	*0.73*	6.80	*0.11*				
Germany, Free State of Saxony	9864	**47.8**	*0.49*	5.88	*0.07*				
Germany, Hamburg	4245	**56.6**	*0.88*	7.13	*0.14*				
Germany, Mecklenburg-Western Pomerania	3814	**55.6**	*0.91*	6.84	*0.13*				
Germany, Munich	7814	**78.9**	*0.90*	10.19	*0.14*				
Germany, Northrhine-Westphalia: Munster	6291	**56.3**	*0.72*	7.00	*0.11*				
Germany, Saarland	3313	**65.3**	*1.15*	8.38	*0.18*				
Iceland	823	**82.7**	*3.04*	10.64	*0.48*				
Ireland	8490	**66.6**	*0.75*	8.17	*0.12*				
Italy, Biella Province	626	**57.7**	*2.40*	7.44	*0.38*				
Italy, Brescia Province	1752	**65.4**	*1.59*	8.32	*0.25*				
Italy, Ferrara Province	957	**41.5**	*1.43*	5.04	*0.22*				
Italy, Florence and Prato	3268	**46.1**	*0.86*	5.76	*0.14*				
Italy, Genoa Province	1827	**51.5**	*1.28*	6.36	*0.20*				
Italy, Macerata Province	611	**52.4**	*2.27*	6.71	*0.37*				
Italy, Milan	3207	**56.2**	*1.03*	7.05	*0.16*				
Italy, Modena Province	2004	**58.9**	*1.39*	8.07	*0.22*				
Italy, Naples	298	**18.6**	*1.09*	2.23	*0.16*				
Italy, North East Cancer Surveillance Network	7321	**69.3**	*0.84*	8.94	*0.13*				
Italy, Parma Province	1225	**49.1**	*1.50*	6.14	*0.24*				
Italy, Ragusa Province	446	**28.1**	*1.41*	3.29	*0.22*				
Italy, Reggio Emilia Province	1100	**42.7**	*1.37*	5.57	*0.22*				
Italy, Romagna Region	3480	**57.1**	*1.03*	7.08	*0.16*				
Italy, Salerno Province	948	**23.8**	*0.80*	2.90	*0.12*				
Italy, Sassari Province	776	**34.5**	*1.29*	4.19	*0.21*				
Italy, Syracuse Province	448	**28.3**	*1.40*	3.37	*0.22*				
Italy, Sondrio	534	**67.6**	*2.98*	9.20	*0.49*				
Italy, Torino	2935	**56.1**	*1.07*	7.14	*0.17*				
Italy, Umbria Region	2251	**41.7**	*0.94*	5.31	*0.15*				
Italy, Varese Province	1423	**63.0**	*1.70*	7.69	*0.26*				
Italy, Veneto Region	4572	**57.9**	*0.89*	7.38	*0.14*				

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Prostate (C61) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	2548	**31.4**	*0.63*	3.86	*0.09*					
Lithuania	5009	**43.0**	*0.61*	5.13	*0.09*					
Malta	509	**35.1**	*1.61*	4.13	*0.25*					
Norway	14669	**76.0**	*0.68*	9.49	*0.11*					
Poland, Cracow	633	**24.7**	*1.00*	2.84	*0.14*					*
Poland, Kielce	1468	**31.2**	*0.84*	3.63	*0.13*					
Poland, Warsaw City	2002	**30.0**	*0.69*	4.07	*0.11*					
Portugal, Porto	5755	**50.9**	*0.73*	6.72	*0.11*					*
Portugal, South Regional	7139	**55.4**	*0.68*	6.82	*0.10*					
Russia, St Petersburg	2654	**18.5**	*0.36*	2.34	*0.05*					
Serbia	3385	**16.0**	*0.28*	1.89	*0.04*					
Slovak Republic	4821	**28.8**	*0.42*	3.32	*0.06*					
Slovenia	2875	**40.6**	*0.76*	4.97	*0.11*					
Spain, Albacete	622	**39.2**	*1.68*	4.61	*0.26*					
Spain, Asturias	2768	**45.6**	*0.92*	5.47	*0.14*					
Spain, Basque Country	4282	**54.1**	*0.85*	6.75	*0.13*					
Spain, Canary Islands	2692	**55.3**	*1.08*	7.01	*0.17*					
Spain, Cuenca	457	**29.9**	*1.58*	3.47	*0.24*					
Spain, Girona	1578	**57.5**	*1.55*	7.60	*0.25*					
Spain, Granada	1062	**29.0**	*0.94*	3.79	*0.15*					
Spain, Murcia	1822	**38.5**	*0.94*	4.48	*0.14*					
Spain, Navarra	1558	**56.4**	*1.52*	7.40	*0.24*					
Spain, Tarragona	1111	**43.6**	*1.41*	5.24	*0.22*					
Spain, Zaragoza	1787	**42.2**	*1.06*	5.80	*0.17*					
Sweden	37300	**84.6**	*0.47*	10.85	*0.08*					
Switzerland, Geneva	1327	**85.4**	*2.40*	11.43	*0.38*					
Switzerland, Graubunden and Glarus	686	**67.6**	*2.74*	8.20	*0.44*					
Switzerland, Neuchatel	558	**77.7**	*3.48*	10.02	*0.54*					
Switzerland, St Gall-Appenzell	1640	**76.9**	*1.99*	9.95	*0.33*					
Switzerland, Ticino	724	**49.6**	*1.91*	6.15	*0.31*					
Switzerland, Valais	826	**75.1**	*2.70*	9.70	*0.42*					
Switzerland, Vaud	2234	**88.7**	*1.97*	11.90	*0.32*					
The Netherlands	34831	**56.5**	*0.31*	7.31	*0.05*					
The Netherlands, Eindhoven	2108	**55.9**	*1.24*	7.23	*0.19*					
The Netherlands, Maastricht	2029	**54.3**	*1.23*	6.97	*0.19*					
UK, East of England Region	7547	**54.8**	*0.67*	6.62	*0.10*					
UK, England, Merseyside and Cheshire	5424	**49.1**	*0.69*	5.64	*0.11*					
UK, England, North Western	9897	**53.1**	*0.56*	6.32	*0.09*					
UK, England, Northern and Yorkshire	15705	**51.4**	*0.43*	6.16	*0.07*					
UK, England, Oxford Region	7073	**64.2**	*0.80*	7.86	*0.13*					
UK, England, South and Western Regions	20113	**56.9**	*0.43*	6.78	*0.07*					
UK, England, Thames	31674	**54.1**	*0.32*	6.66	*0.05*					
UK, England, Trent	10334	**44.4**	*0.46*	5.11	*0.07*					
UK, England, West Midlands	13588	**54.6**	*0.49*	6.51	*0.08*					
UK, Northern Ireland	2759	**43.6**	*0.86*	5.18	*0.13*					
UK, Scotland	10668	**47.6**	*0.48*	5.74	*0.07*					
Oceania										
Australia, New South Wales	19271	**78.4**	*0.59*	10.01	*0.09*					
Australia, Northern Territory	199	**61.7**	*4.55*	7.55	*0.68*					
Australia, Queensland	9436	**73.1**	*0.78*	8.96	*0.12*					
Australia, South	5171	**82.0**	*1.20*	10.30	*0.19*					
Australia, Tasmania	1439	**74.0**	*2.03*	8.96	*0.31*					
Australia, Victoria	13958	**77.3**	*0.68*	9.33	*0.10*					
Australia, Western	4668	**75.3**	*1.13*	9.47	*0.17*					
Australian Capital Territory	753	**89.0**	*3.33*	10.87	*0.50*					
French Polynesia	233	**67.9**	*4.57*	7.48	*0.64*					
New Zealand	13827	**104.4**	*0.92*	13.29	*0.14*					
USA, Hawaii	3762	**79.8**	*1.40*	10.30	*0.22*					
USA, Hawaii: Chinese	283	**69.1**	*4.61*	8.96	*0.71*					
USA, Hawaii: Filipino	604	**78.0**	*3.46*	9.82	*0.55*					
USA, Hawaii: Hawaiian	328	**71.3**	*4.00*	9.50	*0.65*					
USA, Hawaii: Japanese	1184	**74.2**	*2.54*	9.55	*0.39*					
USA, Hawaii: White	1140	**95.3**	*2.96*	12.40	*0.47*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Testis (C62)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	6	**0.2**	*0.09*	-	-					*
Egypt, Gharbiah	33	**0.5**	*0.10*	-	-					
Tunisia, Centre, Sousse	5	**0.4**	*0.19*	-	-					*
Uganda, Kyadondo County	7	**0.6**	*0.26*	-	-					*
Zimbabwe, Harare: African	16	**0.6**	*0.18*	-	-					*
America, Central and South										
Argentina, Bahia Blanca	40	**5.5**	*0.89*	0.41	*0.07*					
Brazil, Brasilia	49	**1.6**	*0.26*	0.15	*0.03*					
Brazil, Cuiaba	10	**1.0**	*0.37*	0.12	*0.06*					
Brazil, Goiania	34	**1.4**	*0.24*	0.10	*0.02*					
Brazil, Sao Paulo	740	**2.7**	*0.10*	0.20	*0.01*					
Chile, Valdivia	86	**8.8**	*0.96*	0.68	*0.08*					
Colombia, Cali	115	**2.3**	*0.23*	0.19	*0.02*					
Costa Rica	276	**2.6**	*0.16*	0.20	*0.01*					
Ecuador, Quito	147	**3.9**	*0.33*	0.30	*0.03*					
France, La Martinique	13	**1.3**	*0.36*	0.10	*0.03*					
Peru, Trujillo	38	**2.7**	*0.45*	0.21	*0.04*					*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	3034	**4.7**	*0.09*	0.36	*0.01*					
Canada, Alberta	451	**5.2**	*0.25*	0.39	*0.02*					
Canada, British Columbia	520	**4.5**	*0.20*	0.35	*0.02*					
Canada, Manitoba	153	**5.0**	*0.42*	0.39	*0.03*					
Canada, New Brunswick	76	**3.6**	*0.42*	0.28	*0.03*					
Canada, Newfoundland and Labrador	39	**2.5**	*0.41*	0.20	*0.03*					
Canada, Northwest Territories	4	**2.9**	*1.49*	0.23	*0.11*					
Canada, Nova Scotia	115	**4.6**	*0.44*	0.34	*0.03*					
Canada, Ontario	1508	**4.6**	*0.12*	0.35	*0.01*					
Canada, Prince Edward Island	19	**5.1**	*1.21*	0.37	*0.09*					
Canada, Saskatchewan	149	**5.5**	*0.46*	0.43	*0.04*					
USA, Alabama	443	**3.8**	*0.18*	0.29	*0.01*					
USA, Alabama: Black	34	**1.2**	*0.21*	0.09	*0.02*					
USA, Alabama: White	401	**4.7**	*0.24*	0.36	*0.02*					
USA, Alaska	98	**5.3**	*0.56*	0.44	*0.05*					
USA, Arizona	665	**4.7**	*0.19*	0.37	*0.01*					
USA, California	4585	**4.7**	*0.07*	0.37	*0.01*					
USA, California: Asian and Pacific Islander	180	**1.5**	*0.12*	0.12	*0.01*					
USA, California: Black	96	**1.4**	*0.14*	0.11	*0.01*					
USA, California: Hispanic White	1171	**3.7**	*0.11*	0.27	*0.01*					
USA, California: Non-Hispanic White	3063	**6.8**	*0.13*	0.52	*0.01*					
USA, California, Greater San Francisco Bay Area	926	**4.7**	*0.16*	0.37	*0.01*					
USA, California, Greater San Francisco Bay Area: Black	31	**2.3**	*0.43*	0.18	*0.03*					
USA, California, Greater San Francisco Bay Area: Chinese	25	**1.8**	*0.36*	0.14	*0.03*					
USA, California, Greater San Francisco Bay Area: Filipino	8	**1.0**	*0.39*	0.07	*0.02*					
USA, California, Greater San Francisco Bay Area: Japanese	13	**4.2**	*1.19*	0.34	*0.09*					
USA, California, Greater San Francisco Bay Area: Hispanic White	164	**3.7**	*0.30*	0.28	*0.02*					
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	640	**6.7**	*0.29*	0.52	*0.02*					
USA, California, Los Angeles County	1126	**4.2**	*0.13*	0.31	*0.01*					
USA, California, Los Angeles County: Black	29	**1.1**	*0.21*	0.08	*0.02*					
USA, California, Los Angeles County: Chinese	14	**1.6**	*0.42*	0.12	*0.03*					
USA, California, Los Angeles County: Filipino	11	**1.7**	*0.53*	0.11	*0.03*					
USA, California, Los Angeles County: Japanese	10	**2.8**	*0.92*	0.22	*0.07*					
USA, California, Los Angeles County: Korean	3	**0.6**	*0.36*	0.04	*0.02*					
USA, California, Los Angeles County: Hispanic White	444	**3.7**	*0.18*	0.26	*0.01*					
USA, California, Los Angeles County: Non-Hispanic White	597	**6.8**	*0.30*	0.52	*0.02*					
USA, Colorado	698	**5.5**	*0.21*	0.42	*0.02*					
USA, Connecticut	493	**5.4**	*0.25*	0.41	*0.02*					
USA, Connecticut: Black	14	**1.5**	*0.39*	0.11	*0.03*					
USA, Connecticut: White	467	**6.0**	*0.29*	0.46	*0.02*					
USA, District of Columbia	50	**3.0**	*0.43*	0.22	*0.03*					
USA, District of Columbia: Black	7	**0.9**	*0.35*	0.06	*0.02*					
USA, District of Columbia: White	40	**5.2**	*0.85*	0.40	*0.07*					
USA, Florida	1840	**4.4**	*0.11*	0.34	*0.01*					
USA, Florida: Black	70	**1.1**	*0.13*	0.08	*0.01*					
USA, Florida: White	1735	**5.2**	*0.13*	0.40	*0.01*					
USA, Georgia	858	**3.7**	*0.13*	0.28	*0.01*					
USA, Georgia: Black	66	**1.0**	*0.13*	0.08	*0.01*					
USA, Georgia: White	779	**4.8**	*0.17*	0.36	*0.01*					
USA, Georgia, Atlanta	340	**3.7**	*0.21*	0.28	*0.02*					
USA, Georgia, Atlanta: Black	37	**1.2**	*0.20*	0.09	*0.01*					
USA, Georgia, Atlanta: White	294	**5.2**	*0.31*	0.40	*0.02*					
USA, Idaho	185	**5.2**	*0.39*	0.40	*0.03*					
USA, Illinois	1554	**4.6**	*0.12*	0.35	*0.01*					
USA, Illinois: Black	60	**1.3**	*0.17*	0.09	*0.01*					
USA, Illinois: White	1426	**5.2**	*0.14*	0.39	*0.01*					
USA, Indiana	817	**5.0**	*0.18*	0.38	*0.01*					
USA, Iowa	467	**6.1**	*0.29*	0.47	*0.02*					
USA, Kentucky	511	**4.6**	*0.21*	0.36	*0.02*					
USA, Louisiana	454	**3.9**	*0.18*	0.30	*0.01*					
USA, Louisiana: Black	45	**1.3**	*0.19*	0.11	*0.02*					
USA, Louisiana: White	405	**5.2**	*0.26*	0.40	*0.02*					
USA, Louisiana, New Orleans: Black	14	**1.3**	*0.36*	0.10	*0.03*					
USA, Louisiana, New Orleans: White	75	**4.9**	*0.58*	0.40	*0.05*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Testis (C62) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	204	**5.7**	*0.42*	0.45	*0.03*					
USA, Massachusetts	1019	**5.8**	*0.19*	0.45	*0.01*					
USA, Michigan	1292	**4.8**	*0.14*	0.37	*0.01*					
USA, Michigan: Black	41	**1.1**	*0.18*	0.09	*0.01*					
USA, Michigan: White	1220	**5.5**	*0.16*	0.42	*0.01*					
USA, Michigan, Detroit	515	**4.7**	*0.21*	0.36	*0.02*					
USA, Michigan, Detroit: Black	28	**1.1**	*0.22*	0.09	*0.02*					
USA, Michigan, Detroit: White	478	**6.0**	*0.29*	0.46	*0.02*					
USA, Missouri	640	**4.4**	*0.18*	0.33	*0.01*					
USA, Missouri: Black	17	**1.1**	*0.26*	0.08	*0.02*					
USA, Missouri: White	618	**4.9**	*0.20*	0.37	*0.02*					
USA, Montana	137	**6.0**	*0.53*	0.45	*0.04*					
USA, NPCR	29216	**4.8**	*0.03*	0.37	*0.00*					
USA, NPCR: Black	887	**1.2**	*0.04*	0.10	*0.00*					
USA, NPCR: White	27275	**5.4**	*0.03*	0.42	*0.00*					
USA, New Jersey	1183	**5.2**	*0.16*	0.40	*0.01*					
USA, New Jersey: Black	47	**1.4**	*0.20*	0.11	*0.02*					
USA, New Jersey: White	1101	**6.3**	*0.20*	0.47	*0.01*					
USA, New Mexico	237	**5.2**	*0.35*	0.39	*0.03*					
USA, New Mexico: American Indian	16	**3.6**	*0.93*	0.26	*0.07*					
USA, New Mexico: Hispanic White	89	**4.7**	*0.50*	0.34	*0.04*					
USA, New Mexico: Non-Hispanic White	131	**6.5**	*0.60*	0.50	*0.04*					
USA, New York State	2360	**4.5**	*0.10*	0.35	*0.01*					
USA, New York State: Black	108	**1.4**	*0.14*	0.12	*0.01*					
USA, New York State: White	2190	**5.4**	*0.12*	0.42	*0.01*					
USA, Ohio	1507	**5.0**	*0.13*	0.39	*0.01*					
USA, Ohio: Black	43	**1.3**	*0.20*	0.10	*0.02*					
USA, Ohio: White	1413	**5.4**	*0.15*	0.42	*0.01*					
USA, Oklahoma	385	**4.2**	*0.22*	0.32	*0.02*					
USA, Oregon	612	**6.5**	*0.27*	0.50	*0.02*					
USA, Pennsylvania	1739	**5.5**	*0.13*	0.42	*0.01*					
USA, Pennsylvania: Black	52	**1.7**	*0.24*	0.14	*0.02*					
USA, Pennsylvania: White	1663	**6.0**	*0.15*	0.46	*0.01*					
USA, Rhode Island	148	**5.2**	*0.44*	0.40	*0.03*					
USA, SEER (9 Registries)	3800	**5.1**	*0.08*	0.39	*0.01*					
USA, SEER (9 Registries): Black	121	**1.4**	*0.13*	0.11	*0.01*					
USA, SEER (9 Registries): White	3465	**6.0**	*0.10*	0.46	*0.01*					
USA, SEER (14 Registries)	9956	**4.8**	*0.05*	0.37	*0.00*					
USA, SEER (14 Registries): Asian and Pacific Islander	315	**1.7**	*0.10*	0.13	*0.01*					
USA, SEER (14 Registries): Black	298	**1.3**	*0.08*	0.10	*0.01*					
USA, SEER (14 Registries): Hispanic White	1489	**3.6**	*0.10*	0.26	*0.01*					
USA, SEER (14 Registries): Non-Hispanic White	7701	**6.3**	*0.07*	0.48	*0.01*					
USA, South Carolina	385	**3.6**	*0.19*	0.28	*0.01*					
USA, South Carolina: Black	29	**0.9**	*0.18*	0.07	*0.01*					
USA, South Carolina: White	351	**4.7**	*0.26*	0.36	*0.02*					
USA, Texas	2520	**4.3**	*0.09*	0.33	*0.01*					
USA, Texas: Black	77	**1.2**	*0.13*	0.09	*0.01*					
USA, Texas: White	2373	**4.9**	*0.10*	0.37	*0.01*					
USA, Utah	333	**5.4**	*0.30*	0.41	*0.02*					
USA, Vermont	110	**6.8**	*0.68*	0.52	*0.05*					
USA, Washington State	983	**5.9**	*0.19*	0.45	*0.01*					
USA, Washington, Seattle	685	**5.8**	*0.23*	0.45	*0.02*					
USA, West Virginia	202	**4.4**	*0.32*	0.34	*0.02*					
USA, Wisconsin	914	**6.2**	*0.21*	0.48	*0.02*					
Asia										
Bahrain: Bahraini	11	**1.0**	*0.33*	0.06	*0.02*					
China, Guangzhou City	43	**0.8**	*0.13*	0.06	*0.01*					*
China, Hong Kong	292	**1.6**	*0.10*	0.11	*0.01*					
China, Jiashan	8	**0.7**	*0.25*	0.07	*0.03*					*
China, Nangang District, Harbin City	5	**0.2**	*0.09*	0.02	*0.01*					
China, Shanghai	142	**0.7**	*0.08*	0.06	*0.01*					*
China, Zhongshan	24	**0.7**	*0.15*	0.05	*0.01*					*
Cyprus	72	**4.0**	*0.48*	0.30	*0.04*					*
India, Chennai (Madras)	75	**0.6**	*0.08*	0.06	*0.01*					
India, New Delhi	242	**0.7**	*0.05*	0.06	*0.01*					*
India, Karunagappally	2	**0.2**	*0.11*	0.01	*0.01*					
India, Mumbai (Bombay)	256	**0.7**	*0.05*	0.06	*0.00*					
India, Nagpur	50	**1.0**	*0.14*	0.10	*0.02*					*
India, Poona	66	**0.8**	*0.10*	0.08	*0.01*					*
India, Trivandrum	13	**0.4**	*0.11*	0.03	*0.01*					*
Israel	587	**3.8**	*0.16*	0.29	*0.01*					
Israel: Jews	520	**4.1**	*0.18*	0.32	*0.01*					
Israel: Non-Jews	41	**1.3**	*0.22*	0.10	*0.02*					
Japan, Aichi Prefecture	55	**1.8**	*0.24*	0.13	*0.02*					
Japan, Fukui Prefecture	41	**1.8**	*0.31*	0.14	*0.02*					
Japan, Hiroshima	81	**2.7**	*0.31*	0.21	*0.02*					
Japan, Miyagi Prefecture	152	**2.5**	*0.21*	0.19	*0.02*					
Japan, Nagasaki Prefecture	53	**1.6**	*0.24*	0.12	*0.02*					
Japan, Osaka Prefecture	264	**1.1**	*0.07*	0.08	*0.01*					
Japan, Yamagata Prefecture	42	**1.5**	*0.24*	0.11	*0.02*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Testis (C62) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	554	**0.6**	*0.03*	0.04	*0.00*					
Korea, Busan	47	**0.6**	*0.09*	0.04	*0.01*					
Korea, Daegu	38	**0.7**	*0.11*	0.04	*0.01*					
Korea, Daejeon	13	**0.4**	*0.13*	0.03	*0.01*					
Korea, Gwangju	20	**0.5**	*0.13*	0.04	*0.01*					
Korea, Incheon	31	**0.5**	*0.09*	0.03	*0.01*					
Korea, Jejudo	2	**0.4**	*0.27*	0.02	*0.01*					
Korea, Seoul	181	**0.6**	*0.05*	0.05	*0.00*					
Korea, Ulsan	15	**0.7**	*0.19*	0.06	*0.02*					
Kuwait: Kuwaitis	24	**1.2**	*0.25*	0.09	*0.02*					
Kuwait: Non-Kuwaitis	37	**1.3**	*0.54*	0.07	*0.02*					
Malaysia, Penang	21	**0.9**	*0.20*	0.09	*0.03*					
Malaysia, Sarawak	42	**0.8**	*0.13*	0.05	*0.01*					
Oman: Omani	12	**0.4**	*0.14*	0.04	*0.01*					*
Pakistan, South Karachi	53	**1.2**	*0.18*	0.10	*0.02*					*
Philippines, Manila	147	**1.1**	*0.10*	0.10	*0.01*					*
Singapore	85	**1.0**	*0.11*	0.07	*0.01*					
Singapore: Chinese	64	**0.9**	*0.12*	0.07	*0.01*					
Singapore: Indian	6	**1.0**	*0.44*	0.06	*0.02*					
Singapore: Malay	15	**1.3**	*0.34*	0.08	*0.02*					
Thailand, Chiang Mai	32	**0.7**	*0.13*	0.07	*0.01*					*
Thailand, Lampang	14	**0.5**	*0.15*	0.05	*0.01*					*
Thailand, Songkhla	11	**0.3**	*0.11*	0.03	*0.01*					
Turkey, Antalya	87	**2.2**	*0.25*	0.18	*0.02*					*
Turkey, Izmir	228	**2.3**	*0.16*	0.18	*0.01*					*
Europe										
Austria	1717	**7.5**	*0.19*	0.58	*0.01*					
Austria, Tyrol	146	**7.4**	*0.63*	0.58	*0.05*					
Austria, Vorarlberg	80	**7.9**	*0.91*	0.59	*0.07*					
Belarus	445	**1.7**	*0.08*	0.14	*0.01*					*
Belgium, Antwerp	158	**3.6**	*0.30*	0.27	*0.02*					*
Belgium, Flanders	461	**3.7**	*0.18*	0.28	*0.01*					
Bulgaria	816	**3.7**	*0.13*	0.29	*0.01*					*
Croatia	610	**5.4**	*0.22*	0.40	*0.02*					
Czech Republic	1859	**6.5**	*0.15*	0.50	*0.01*					
Denmark	1361	**9.2**	*0.26*	0.71	*0.02*					
Estonia	85	**2.5**	*0.28*	0.18	*0.02*					
Finland	469	**3.7**	*0.18*	0.27	*0.01*					
France, Bas-Rhin	198	**6.6**	*0.48*	0.52	*0.04*					
France, Calvados	81	**4.7**	*0.53*	0.36	*0.04*					
France, Doubs	76	**5.5**	*0.64*	0.42	*0.05*					
France, Haut-Rhin	145	**7.4**	*0.63*	0.57	*0.05*					
France, Herault	104	**4.6**	*0.46*	0.34	*0.03*					
France, Isere	151	**5.0**	*0.42*	0.39	*0.03*					
France, Loire-Atlantique	178	**5.8**	*0.44*	0.46	*0.04*					
France, Manche	51	**4.1**	*0.58*	0.32	*0.05*					
France, Somme	69	**4.7**	*0.58*	0.34	*0.04*					
France, Tarn	46	**5.7**	*0.88*	0.42	*0.06*					
France, Vendee	81	**5.7**	*0.66*	0.44	*0.05*					
Germany, Brandenburg	589	**7.7**	*0.34*	0.60	*0.03*					
Germany, Free State of Saxony	1042	**8.1**	*0.27*	0.65	*0.02*					
Germany, Hamburg	308	**5.9**	*0.35*	0.47	*0.03*					
Germany, Mecklenburg-Western Pomerania	482	**8.9**	*0.42*	0.71	*0.03*					
Germany, Munich	613	**8.8**	*0.38*	0.68	*0.03*					
Germany, Northrhine-Westphalia: Munster	587	**8.0**	*0.35*	0.62	*0.03*					
Germany, Saarland	247	**8.1**	*0.54*	0.64	*0.04*					
Iceland	40	**5.1**	*0.81*	0.41	*0.07*					
Ireland	583	**5.6**	*0.24*	0.42	*0.02*					
Italy, Biella Province	32	**6.1**	*1.11*	0.48	*0.08*					
Italy, Brescia Province	94	**5.6**	*0.61*	0.41	*0.04*					
Italy, Ferrara Province	43	**4.6**	*0.83*	0.35	*0.06*					
Italy, Florence and Prato	118	**4.1**	*0.41*	0.31	*0.03*					
Italy, Genoa Province	58	**4.2**	*0.61*	0.31	*0.04*					
Italy, Macerata Province	25	**5.2**	*1.11*	0.42	*0.08*					
Italy, Milan	139	**4.7**	*0.44*	0.36	*0.03*					
Italy, Modena Province	90	**5.4**	*0.62*	0.42	*0.05*					
Italy, Naples	55	**3.7**	*0.50*	0.26	*0.04*					
Italy, North East Cancer Surveillance Network	292	**5.0**	*0.31*	0.37	*0.02*					
Italy, Parma Province	47	**4.5**	*0.73*	0.35	*0.05*					
Italy, Ragusa Province	27	**3.6**	*0.69*	0.25	*0.05*					
Italy, Reggio Emilia Province	64	**4.8**	*0.63*	0.38	*0.05*					
Italy, Romagna Region	139	**5.0**	*0.45*	0.37	*0.03*					
Italy, Salerno Province	108	**4.7**	*0.46*	0.35	*0.03*					
Italy, Sassari Province	58	**4.6**	*0.63*	0.32	*0.04*					
Italy, Syracuse Province	35	**4.2**	*0.74*	0.31	*0.05*					
Italy, Sondrio	40	**8.5**	*1.42*	0.61	*0.10*					
Italy, Torino	132	**5.4**	*0.51*	0.42	*0.04*					
Italy, Umbria Region	120	**5.7**	*0.55*	0.43	*0.04*					
Italy, Varese Province	95	**7.3**	*0.80*	0.54	*0.06*					
Italy, Veneto Region	227	**5.2**	*0.37*	0.38	*0.03*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Testis (C62) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	128	**2.1**	*0.19*	0.17	*0.02*					
Lithuania	185	**1.9**	*0.14*	0.17	*0.01*					
Malta	41	**4.0**	*0.63*	0.31	*0.05*					
Norway	1171	**9.6**	*0.29*	0.74	*0.02*					
Poland, Cracow	85	**4.1**	*0.45*	0.31	*0.04*					*
Poland, Kielce	102	**2.9**	*0.29*	0.22	*0.02*					
Poland, Warsaw City	179	**4.2**	*0.33*	0.32	*0.02*					
Portugal, Porto	155	**1.8**	*0.15*	0.13	*0.01*					*
Portugal, South Regional	137	**1.9**	*0.17*	0.14	*0.01*					
Russia, St Petersburg	215	**1.7**	*0.12*	0.14	*0.01*					
Serbia	563	**5.1**	*0.22*	0.38	*0.02*					
Slovak Republic	980	**6.6**	*0.21*	0.48	*0.02*					
Slovenia	411	**7.5**	*0.38*	0.56	*0.03*					
Spain, Albacete	28	**3.5**	*0.66*	0.23	*0.05*					
Spain, Asturias	66	**2.2**	*0.29*	0.16	*0.02*					
Spain, Basque Country	151	**3.1**	*0.26*	0.23	*0.02*					
Spain, Canary Islands	99	**2.3**	*0.24*	0.16	*0.02*					
Spain, Cuenca	15	**3.4**	*0.89*	0.23	*0.06*					
Spain, Girona	59	**3.9**	*0.52*	0.30	*0.04*					
Spain, Granada	54	**2.4**	*0.33*	0.17	*0.02*					
Spain, Murcia	92	**2.8**	*0.31*	0.20	*0.02*					
Spain, Navarra	41	**2.6**	*0.41*	0.18	*0.03*					
Spain, Tarragona	48	**3.7**	*0.56*	0.27	*0.04*					
Spain, Zaragoza	57	**2.5**	*0.35*	0.18	*0.02*					
Sweden	1214	**5.3**	*0.16*	0.41	*0.01*					
Switzerland, Geneva	82	**6.9**	*0.79*	0.54	*0.06*					
Switzerland, Graubunden and Glarus	65	**10.3**	*1.34*	0.78	*0.10*					
Switzerland, Neuchatel	26	**6.0**	*1.25*	0.44	*0.09*					
Switzerland, St Gall-Appenzell	147	**10.6**	*0.91*	0.81	*0.07*					
Switzerland, Ticino	75	**8.6**	*1.03*	0.67	*0.08*					
Switzerland, Valais	62	**7.8**	*1.02*	0.61	*0.08*					
Switzerland, Vaud	151	**9.1**	*0.77*	0.71	*0.06*					
The Netherlands	2611	**6.0**	*0.12*	0.45	*0.01*					
The Netherlands, Eindhoven	158	**5.6**	*0.47*	0.43	*0.04*					
The Netherlands, Maastricht	126	**5.7**	*0.54*	0.42	*0.04*					
UK, East of England Region	446	**6.1**	*0.30*	0.48	*0.02*					
UK, England, Merseyside and Cheshire	401	**6.5**	*0.34*	0.52	*0.03*					
UK, England, North Western	702	**6.3**	*0.25*	0.50	*0.02*					
UK, England, Northern and Yorkshire	1104	**6.5**	*0.20*	0.50	*0.02*					
UK, England, Oxford Region	565	**7.4**	*0.32*	0.57	*0.02*					
UK, England, South and Western Regions	1316	**7.6**	*0.22*	0.59	*0.02*					
UK, England, Thames	2156	**5.6**	*0.12*	0.44	*0.01*					
UK, England, Trent	699	**5.6**	*0.22*	0.43	*0.02*					
UK, England, West Midlands	809	**5.7**	*0.20*	0.45	*0.02*					
UK, Northern Ireland	277	**6.2**	*0.38*	0.49	*0.03*					
UK, Scotland	1038	**7.6**	*0.24*	0.60	*0.02*					
Oceania										
Australia, New South Wales	1044	**5.8**	*0.18*	0.45	*0.01*					
Australia, Northern Territory	18	**2.9**	*0.70*	0.21	*0.05*					
Australia, Queensland	537	**5.5**	*0.24*	0.42	*0.02*					
Australia, South	220	**5.3**	*0.37*	0.42	*0.03*					
Australia, Tasmania	84	**6.3**	*0.71*	0.51	*0.06*					
Australia, Victoria	734	**5.5**	*0.21*	0.43	*0.02*					
Australia, Western	288	**5.3**	*0.32*	0.42	*0.03*					
Australian Capital Territory	61	**6.4**	*0.83*	0.52	*0.07*					
French Polynesia	18	**2.7**	*0.65*	0.20	*0.05*					
New Zealand	696	**6.8**	*0.26*	0.53	*0.02*					
USA, Hawaii	133	**3.9**	*0.34*	0.30	*0.03*					
USA, Hawaii: Chinese	7	**3.5**	*1.37*	0.24	*0.09*					
USA, Hawaii: Filipino	11	**2.2**	*0.70*	0.16	*0.05*					
USA, Hawaii: Hawaiian	28	**4.7**	*0.90*	0.37	*0.07*					
USA, Hawaii: Japanese	24	**4.4**	*0.97*	0.34	*0.07*					
USA, Hawaii: White	53	**5.3**	*0.74*	0.42	*0.06*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other male genital organs (C63)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	0	-	-	-	-					*
Egypt, Gharbiah	2	**0.1**	*0.04*	-	-					
Tunisia, Centre, Sousse	0	-	-	-	-					*
Uganda, Kyadondo County	1	**0.0**	*0.02*	-	-					*
Zimbabwe, Harare: African	0	-	-	-	-					*
America, Central and South										
Argentina, Bahia Blanca	2	**0.3**	*0.20*	0.02	*0.02*					
Brazil, Brasilia	6	**0.3**	*0.14*	0.05	*0.02*					
Brazil, Cuiaba	1	**0.2**	*0.16*	-	-					
Brazil, Goiania	2	**0.1**	*0.10*	0.02	*0.02*					
Brazil, Sao Paulo	32	**0.1**	*0.03*	0.02	*0.00*					
Chile, Valdivia	1	**0.2**	*0.15*	0.01	*0.01*					
Colombia, Cali	5	**0.2**	*0.09*	0.02	*0.01*					
Costa Rica	3	**0.0**	*0.02*	0.00	*0.00*					
Ecuador, Quito	1	**0.0**	*0.03*	0.00	*0.00*					
France, La Martinique	1	**0.1**	*0.10*	0.01	*0.01*					
Peru, Trujillo	0	-	-	-	-					*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	174	**0.2**	*0.02*	0.02	*0.00*					
Canada, Alberta	14	**0.2**	*0.05*	0.02	*0.01*					
Canada, British Columbia	17	**0.1**	*0.03*	0.01	*0.00*					
Canada, Manitoba	7	**0.2**	*0.07*	0.02	*0.01*					
Canada, New Brunswick	4	**0.2**	*0.09*	0.03	*0.01*					
Canada, Newfoundland and Labrador	1	**0.1**	*0.05*	0.00	*0.00*					
Canada, Northwest Territories	0	-	-	-	-					
Canada, Nova Scotia	4	**0.1**	*0.06*	0.01	*0.01*					
Canada, Ontario	116	**0.3**	*0.03*	0.03	*0.00*					
Canada, Prince Edward Island	2	**0.3**	*0.26*	0.04	*0.04*					
Canada, Saskatchewan	9	**0.3**	*0.09*	0.03	*0.01*					
USA, Alabama	14	**0.1**	*0.03*	0.01	*0.00*					
USA, Alabama: Black	3	**0.1**	*0.05*	0.00	*0.00*					
USA, Alabama: White	11	**0.1**	*0.03*	0.01	*0.00*					
USA, Alaska	4	**0.2**	*0.11*	0.03	*0.02*					
USA, Arizona	36	**0.2**	*0.03*	0.02	*0.00*					
USA, California	194	**0.2**	*0.01*	0.02	*0.00*					
USA, California: Asian and Pacific Islander	22	**0.2**	*0.04*	0.03	*0.01*					
USA, California: Black	8	**0.1**	*0.05*	0.02	*0.01*					
USA, California: Hispanic White	31	**0.2**	*0.03*	0.02	*0.00*					
USA, California: Non-Hispanic White	127	**0.2**	*0.02*	0.02	*0.00*					
USA, California, Greater San Francisco Bay Area	45	**0.2**	*0.04*	0.03	*0.01*					
USA, California, Greater San Francisco Bay Area: Black	3	**0.2**	*0.14*	0.03	*0.02*					
USA, California, Greater San Francisco Bay Area: Chinese	5	**0.2**	*0.11*	0.04	*0.02*					
USA, California, Greater San Francisco Bay Area: Filipino	2	**0.3**	*0.22*	0.05	*0.04*					
USA, California, Greater San Francisco Bay Area: Japanese	0	-	-	-	-					
USA, California, Greater San Francisco Bay Area: Hispanic White	2	**0.1**	*0.05*	0.00	*0.00*					
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	28	**0.2**	*0.05*	0.02	*0.01*					
USA, California, Los Angeles County	61	**0.2**	*0.03*	0.03	*0.00*					
USA, California, Los Angeles County: Black	4	**0.2**	*0.08*	0.02	*0.01*					
USA, California, Los Angeles County: Chinese	1	**0.0**	*0.04*	-	-					
USA, California, Los Angeles County: Filipino	3	**0.3**	*0.18*	0.03	*0.03*					
USA, California, Los Angeles County: Japanese	1	**0.1**	*0.08*	-	-					
USA, California, Los Angeles County: Korean	2	**0.3**	*0.24*	0.04	*0.03*					
USA, California, Los Angeles County: Hispanic White	15	**0.2**	*0.06*	0.02	*0.01*					
USA, California, Los Angeles County: Non-Hispanic White	32	**0.2**	*0.05*	0.03	*0.01*					
USA, Colorado	21	**0.2**	*0.04*	0.02	*0.00*					
USA, Connecticut	17	**0.1**	*0.04*	0.01	*0.00*					
USA, Connecticut: Black	0	-	-	-	-					
USA, Connecticut: White	16	**0.2**	*0.04*	0.01	*0.01*					
USA, District of Columbia	3	**0.2**	*0.09*	0.01	*0.01*					
USA, District of Columbia: Black	3	**0.3**	*0.15*	0.02	*0.02*					
USA, District of Columbia: White	0	-	-	-	-					
USA, Florida	98	**0.2**	*0.02*	0.02	*0.00*					
USA, Florida: Black	12	**0.2**	*0.06*	0.02	*0.01*					
USA, Florida: White	86	**0.1**	*0.02*	0.02	*0.00*					
USA, Georgia	34	**0.2**	*0.03*	0.01	*0.00*					
USA, Georgia: Black	6	**0.1**	*0.05*	0.01	*0.01*					
USA, Georgia: White	26	**0.2**	*0.03*	0.01	*0.00*					
USA, Georgia, Atlanta	13	**0.2**	*0.05*	0.02	*0.01*					
USA, Georgia, Atlanta: Black	6	**0.3**	*0.12*	0.04	*0.02*					
USA, Georgia, Atlanta: White	5	**0.1**	*0.05*	0.01	*0.01*					
USA, Idaho	4	**0.1**	*0.05*	0.01	*0.01*					
USA, Illinois	50	**0.1**	*0.02*	0.01	*0.00*					
USA, Illinois: Black	6	**0.1**	*0.05*	0.01	*0.00*					
USA, Illinois: White	43	**0.1**	*0.02*	0.01	*0.00*					
USA, Indiana	32	**0.2**	*0.03*	0.01	*0.00*					
USA, Iowa	23	**0.2**	*0.05*	0.03	*0.01*					
USA, Kentucky	14	**0.1**	*0.03*	0.01	*0.00*					
USA, Louisiana	21	**0.2**	*0.03*	0.02	*0.00*					
USA, Louisiana: Black	7	**0.2**	*0.07*	0.02	*0.01*					
USA, Louisiana: White	14	**0.1**	*0.04*	0.01	*0.00*					
USA, Louisiana, New Orleans: Black	2	**0.2**	*0.12*	0.01	*0.01*					
USA, Louisiana, New Orleans: White	2	**0.1**	*0.05*	0.01	*0.01*					

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other male genital organs (C63) (contd)

	Male					Female			
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)	CUM 0-74	
America, North (contd)									
USA, Maine	7	**0.1**	*0.05*	0.02	*0.01*				
USA, Massachusetts	22	**0.1**	*0.02*	0.01	*0.00*				
USA, Michigan	59	**0.2**	*0.03*	0.02	*0.00*				
USA, Michigan: Black	3	**0.1**	*0.06*	0.01	*0.01*				
USA, Michigan: White	55	**0.2**	*0.03*	0.03	*0.00*				
USA, Michigan, Detroit	35	**0.3**	*0.05*	0.04	*0.01*				
USA, Michigan, Detroit: Black	3	**0.1**	*0.08*	0.01	*0.01*				
USA, Michigan, Detroit: White	32	**0.4**	*0.07*	0.04	*0.01*				
USA, Missouri	23	**0.1**	*0.03*	0.02	*0.00*				
USA, Missouri: Black	3	**0.2**	*0.12*	0.02	*0.01*				
USA, Missouri: White	18	**0.1**	*0.03*	0.01	*0.00*				
USA, Montana	6	**0.2**	*0.08*	0.03	*0.01*				
USA, NPCR	1109	**0.2**	*0.00*	0.02	*0.00*				
USA, NPCR: Black	98	**0.1**	*0.02*	0.01	*0.00*				
USA, NPCR: White	951	**0.1**	*0.01*	0.02	*0.00*				
USA, New Jersey	44	**0.1**	*0.02*	0.02	*0.00*				
USA, New Jersey: Black	3	**0.1**	*0.06*	0.01	*0.01*				
USA, New Jersey: White	40	**0.2**	*0.03*	0.02	*0.00*				
USA, New Mexico	7	**0.1**	*0.04*	0.01	*0.00*				
USA, New Mexico: American Indian	1	**0.2**	*0.23*	-	-				
USA, New Mexico: Hispanic White	4	**0.2**	*0.09*	0.02	*0.01*				
USA, New Mexico: Non-Hispanic White	2	**0.0**	*0.03*	0.00	*0.00*				
USA, New York State	89	**0.1**	*0.02*	0.01	*0.00*				
USA, New York State: Black	11	**0.2**	*0.05*	0.02	*0.01*				
USA, New York State: White	74	**0.1**	*0.02*	0.01	*0.00*				
USA, Ohio	46	**0.1**	*0.02*	0.01	*0.00*				
USA, Ohio: Black	5	**0.1**	*0.07*	0.01	*0.01*				
USA, Ohio: White	41	**0.1**	*0.02*	0.01	*0.00*				
USA, Oklahoma	10	**0.1**	*0.03*	0.01	*0.00*				
USA, Oregon	17	**0.2**	*0.04*	0.02	*0.00*				
USA, Pennsylvania	82	**0.2**	*0.02*	0.02	*0.00*				
USA, Pennsylvania: Black	10	**0.3**	*0.09*	0.03	*0.01*				
USA, Pennsylvania: White	69	**0.2**	*0.02*	0.02	*0.00*				
USA, Rhode Island	6	**0.2**	*0.07*	0.02	*0.01*				
USA, SEER (9 Registries)	183	**0.2**	*0.02*	0.03	*0.00*				
USA, SEER (9 Registries): Black	13	**0.2**	*0.05*	0.02	*0.01*				
USA, SEER (9 Registries): White	136	**0.2**	*0.02*	0.02	*0.00*				
USA, SEER (14 Registries)	425	**0.2**	*0.01*	0.02	*0.00*				
USA, SEER (14 Registries): Asian and Pacific Islander	42	**0.2**	*0.04*	0.03	*0.01*				
USA, SEER (14 Registries): Black	30	**0.2**	*0.03*	0.02	*0.00*				
USA, SEER (14 Registries): Hispanic White	41	**0.2**	*0.03*	0.02	*0.00*				
USA, SEER (14 Registries): Non-Hispanic White	300	**0.2**	*0.01*	0.02	*0.00*				
USA, South Carolina	22	**0.2**	*0.04*	0.02	*0.00*				
USA, South Carolina: Black	2	**0.1**	*0.05*	0.01	*0.00*				
USA, South Carolina: White	20	**0.2**	*0.04*	0.02	*0.01*				
USA, Texas	84	**0.1**	*0.02*	0.01	*0.00*				
USA, Texas: Black	8	**0.1**	*0.05*	0.01	*0.01*				
USA, Texas: White	74	**0.1**	*0.02*	0.01	*0.00*				
USA, Utah	11	**0.2**	*0.06*	0.03	*0.01*				
USA, Vermont	3	**0.1**	*0.07*	0.01	*0.01*				
USA, Washington State	36	**0.2**	*0.03*	0.02	*0.00*				
USA, Washington, Seattle	28	**0.2**	*0.04*	0.02	*0.01*				
USA, West Virginia	8	**0.1**	*0.04*	0.01	*0.01*				
USA, Wisconsin	19	**0.1**	*0.02*	0.01	*0.00*				
Asia									
Bahrain: Bahraini	1	**0.1**	*0.11*	0.01	*0.01*				
China, Guangzhou City	8	**0.1**	*0.05*	0.02	*0.01*				*
China, Hong Kong									
China, Jiashan	4	**0.3**	*0.15*	0.02	*0.01*				*
China, Nangang District, Harbin City	3	**0.1**	*0.06*	0.01	*0.01*				
China, Shanghai	70	**0.3**	*0.04*	0.03	*0.00*				*
China, Zhongshan	6	**0.2**	*0.07*	0.01	*0.01*				*
Cyprus	2	**0.1**	*0.05*	0.01	*0.01*				*
India, Chennai (Madras)	14	**0.2**	*0.04*	0.02	*0.01*				
India, New Delhi	8	**0.0**	*0.02*	0.01	*0.00*				*
India, Karunagappally	0	**-**	-	-	-				
India, Mumbai (Bombay)	15	**0.1**	*0.02*	0.01	*0.00*				
India, Nagpur	0	**-**	-	-	-				*
India, Poona	5	**0.1**	*0.03*	0.01	*0.01*				*
India, Trivandrum	1	**0.0**	*0.04*	0.01	*0.01*				*
Israel	17	**0.1**	*0.03*	0.01	*0.00*				
Israel: Jews	17	**0.1**	*0.03*	0.01	*0.00*				
Israel: Non-Jews	0	**-**	-	-	-				
Japan, Aichi Prefecture	10	**0.3**	*0.09*	0.03	*0.01*				
Japan, Fukui Prefecture	6	**0.1**	*0.05*	0.01	*0.01*				
Japan, Hiroshima	15	**0.4**	*0.11*	0.04	*0.01*				
Japan, Miyagi Prefecture	15	**0.1**	*0.04*	0.02	*0.01*				
Japan, Nagasaki Prefecture	28	**0.3**	*0.07*	0.03	*0.01*				
Japan, Osaka Prefecture	65	**0.2**	*0.02*	0.02	*0.00*				
Japan, Yamagata Prefecture	13	**0.2**	*0.07*	0.03	*0.01*				

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other male genital organs (C63) (contd)

	Male					Female			
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)	CUM 0-74	
Asia (contd)									
Korea	115	**0.1**	*0.01*	0.02	*0.00*				
Korea, Busan	9	**0.1**	*0.04*	0.01	*0.01*				
Korea, Daegu	15	**0.3**	*0.08*	0.04	*0.01*				
Korea, Daejeon	3	**0.1**	*0.06*	0.01	*0.01*				
Korea, Gwangju	0	**-**	-	-	-				
Korea, Incheon	11	**0.2**	*0.08*	0.04	*0.01*				
Korea, Jejudo	2	**0.3**	*0.23*	0.06	*0.05*				
Korea, Seoul	48	**0.2**	*0.04*	0.03	*0.00*				
Korea, Ulsan	1	**0.0**	*0.05*	0.00	*0.00*				
Kuwait: Kuwaitis	0	**-**	-	-	-				
Kuwait: Non-Kuwaitis	0	**-**	-	-	-				
Malaysia, Penang	1	**0.0**	*0.03*	0.00	*0.00*				
Malaysia, Sarawak	3	**0.1**	*0.05*	0.01	*0.01*				
Oman: Omani	0	**-**	-	-	-				*
Pakistan, South Karachi	1	**0.1**	*0.07*	0.01	*0.01*				*
Philippines, Manila	5	**0.1**	*0.05*	0.01	*0.01*				*
Singapore	20	**0.3**	*0.06*	0.03	*0.01*				
Singapore: Chinese	17	**0.3**	*0.07*	0.03	*0.01*				
Singapore: Indian	1	**0.1**	*0.08*	-	-				
Singapore: Malay	2	**0.2**	*0.17*	0.01	*0.01*				
Thailand, Chiang Mai	6	**0.2**	*0.06*	0.02	*0.01*				*
Thailand, Lampang	1	**0.0**	*0.05*	0.01	*0.01*				*
Thailand, Songkhla	0	**-**	-	-	-				
Turkey, Antalya	1	**0.0**	*0.03*	0.00	*0.00*				*
Turkey, Izmir	3	**0.0**	*0.02*	0.01	*0.00*				*
Europe									
Austria	25	**0.1**	*0.02*	0.01	*0.00*				
Austria, Tyrol	3	**0.1**	*0.08*	0.02	*0.01*				
Austria, Vorarlberg	2	**0.2**	*0.12*	0.04	*0.03*				
Belarus	16	**0.1**	*0.01*	0.01	*0.00*				*
Belgium, Antwerp	6	**0.1**	*0.04*	0.00	*0.00*				*
Belgium, Flanders	20	**0.1**	*0.03*	0.01	*0.00*				
Bulgaria	41	**0.1**	*0.02*	0.01	*0.00*				*
Croatia	25	**0.2**	*0.03*	0.01	*0.00*				
Czech Republic	66	**0.2**	*0.02*	0.02	*0.00*				
Denmark	20	**0.1**	*0.02*	0.01	*0.00*				
Estonia	5	**0.2**	*0.09*	0.01	*0.01*				
Finland	12	**0.1**	*0.02*	0.01	*0.00*				
France, Bas-Rhin	2	**0.1**	*0.04*	0.00	*0.00*				
France, Calvados	4	**0.2**	*0.09*	0.02	*0.01*				
France, Doubs	8	**0.4**	*0.16*	0.05	*0.02*				
France, Haut-Rhin	3	**0.2**	*0.11*	0.02	*0.01*				
France, Herault	5	**0.1**	*0.05*	0.01	*0.01*				
France, Isere	5	**0.1**	*0.07*	0.01	*0.01*				
France, Loire-Atlantique	9	**0.2**	*0.08*	0.03	*0.01*				
France, Manche	1	**0.0**	*0.04*	0.01	*0.01*				
France, Somme	5	**0.3**	*0.13*	0.02	*0.01*				
France, Tarn	0	**-**	-	-	-				
France, Vendee	3	**0.2**	*0.11*	0.02	*0.01*				
Germany, Brandenburg	14	**0.1**	*0.04*	0.02	*0.00*				
Germany, Free State of Saxony	34	**0.2**	*0.03*	0.02	*0.00*				
Germany, Hamburg	12	**0.1**	*0.04*	0.01	*0.01*				
Germany, Mecklenburg-Western Pomerania	7	**0.1**	*0.05*	0.01	*0.00*				
Germany, Munich	3	**0.0**	*0.02*	0.00	*0.00*				
Germany, Northrhine-Westphalia: Munster	4	**0.1**	*0.03*	0.00	*0.00*				
Germany, Saarland	6	**0.1**	*0.05*	0.01	*0.01*				
Iceland	1	**0.1**	*0.13*	0.01	*0.01*				
Ireland	19	**0.2**	*0.04*	0.02	*0.00*				
Italy, Biella Province	1	**0.1**	*0.09*	0.02	*0.02*				
Italy, Brescia Province	7	**0.3**	*0.10*	0.03	*0.01*				
Italy, Ferrara Province	3	**0.2**	*0.13*	0.02	*0.01*				
Italy, Florence and Prato	4	**0.1**	*0.08*	0.01	*0.01*				
Italy, Genoa Province	5	**0.2**	*0.08*	0.02	*0.01*				
Italy, Macerata Province	0	**-**	-	-	-				
Italy, Milan	5	**0.1**	*0.04*	0.01	*0.01*				
Italy, Modena Province	13	**0.5**	*0.15*	0.06	*0.02*				
Italy, Naples	1	**0.1**	*0.08*	0.00	*0.00*				
Italy, North East Cancer Surveillance Network	21	**0.2**	*0.05*	0.03	*0.01*				
Italy, Parma Province	1	**0.0**	*0.03*	-	-				
Italy, Ragusa Province	4	**0.4**	*0.23*	0.03	*0.02*				
Italy, Reggio Emilia Province	4	**0.1**	*0.08*	0.02	*0.01*				
Italy, Romagna Region	3	**0.0**	*0.02*	0.00	*0.00*				
Italy, Salerno Province	6	**0.2**	*0.07*	0.02	*0.01*				
Italy, Sassari Province	2	**0.1**	*0.09*	0.01	*0.01*				
Italy, Syracuse Province	3	**0.2**	*0.10*	0.03	*0.02*				
Italy, Sondrio	1	**0.1**	*0.14*	0.02	*0.02*				
Italy, Torino	6	**0.2**	*0.11*	0.01	*0.01*				
Italy, Umbria Region	6	**0.1**	*0.07*	0.02	*0.01*				
Italy, Varese Province	19	**1.3**	*0.35*	0.12	*0.03*				
Italy, Veneto Region	5	**0.1**	*0.03*	0.01	*0.00*				

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other male genital organs (C63) (contd)

	Male					Female			
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)	CUM 0-74	
Europe (contd)									
Latvia	5	**0.1**	*0.06*	0.01	*0.00*				
Lithuania	12	**0.1**	*0.04*	0.01	*0.00*				
Malta	2	**0.2**	*0.16*	0.01	*0.01*				
Norway	30	**0.2**	*0.03*	0.02	*0.00*				
Poland, Cracow	9	**0.3**	*0.12*	0.03	*0.01*				*
Poland, Kielce	18	**0.4**	*0.10*	0.04	*0.01*				
Poland, Warsaw City	5	**0.1**	*0.04*	0.01	*0.00*				
Portugal, Porto	29	**0.3**	*0.05*	0.03	*0.01*				*
Portugal, South Regional	6	**0.1**	*0.02*	0.00	*0.00*				
Russia, St Petersburg	9	**0.1**	*0.02*	0.01	*0.00*				
Serbia	18	**0.1**	*0.03*	0.01	*0.00*				
Slovak Republic	21	**0.1**	*0.03*	0.02	*0.00*				
Slovenia	11	**0.2**	*0.06*	0.02	*0.01*				
Spain, Albacete	0	**-**	-	-	-				
Spain, Asturias	10	**0.2**	*0.08*	0.02	*0.01*				
Spain, Basque Country	16	**0.2**	*0.07*	0.02	*0.01*				
Spain, Canary Islands	8	**0.2**	*0.07*	0.03	*0.01*				
Spain, Cuenca	0	**-**	-	-	-				
Spain, Girona	2	**0.1**	*0.08*	0.01	*0.01*				
Spain, Granada	2	**0.1**	*0.08*	0.01	*0.01*				
Spain, Murcia	6	**0.2**	*0.07*	0.02	*0.01*				
Spain, Navarra	4	**0.1**	*0.08*	0.01	*0.01*				
Spain, Tarragona	2	**0.1**	*0.09*	0.01	*0.01*				
Spain, Zaragoza	3	**0.1**	*0.04*	0.00	*0.00*				
Sweden	36	**0.1**	*0.02*	0.01	*0.00*				
Switzerland, Geneva	3	**0.2**	*0.12*	0.02	*0.01*				
Switzerland, Graubunden and Glarus	1	**0.1**	*0.14*	0.01	*0.01*				
Switzerland, Neuchatel	3	**0.5**	*0.31*	0.05	*0.04*				
Switzerland, St Gall-Appenzell	2	**0.1**	*0.07*	0.02	*0.01*				
Switzerland, Ticino	2	**0.2**	*0.11*	0.03	*0.02*				
Switzerland, Valais	4	**0.4**	*0.20*	0.05	*0.03*				
Switzerland, Vaud	6	**0.2**	*0.10*	0.02	*0.01*				
The Netherlands	67	**0.1**	*0.02*	0.01	*0.00*				
The Netherlands, Eindhoven	5	**0.1**	*0.06*	0.01	*0.01*				
The Netherlands, Maastricht	5	**0.1**	*0.07*	0.02	*0.01*				
UK, East of England Region	19	**0.2**	*0.04*	0.02	*0.00*				
UK, England, Merseyside and Cheshire	12	**0.1**	*0.04*	0.02	*0.01*				
UK, England, North Western	21	**0.1**	*0.03*	0.01	*0.00*				
UK, England, Northern and Yorkshire	37	**0.1**	*0.02*	0.02	*0.00*				
UK, England, Oxford Region	10	**0.1**	*0.03*	0.01	*0.00*				
UK, England, South and Western Regions	69	**0.2**	*0.03*	0.03	*0.00*				
UK, England, Thames	37	**0.1**	*0.01*	0.01	*0.00*				
UK, England, Trent	30	**0.1**	*0.03*	0.01	*0.00*				
UK, England, West Midlands	48	**0.2**	*0.03*	0.03	*0.00*				
UK, Northern Ireland	10	**0.2**	*0.06*	0.01	*0.01*				
UK, Scotland	38	**0.2**	*0.04*	0.02	*0.00*				
Oceania									
Australia, New South Wales	40	**0.2**	*0.03*	0.02	*0.00*				
Australia, Northern Territory	2	**0.5**	*0.40*	0.10	*0.09*				
Australia, Queensland	13	**0.1**	*0.03*	0.01	*0.00*				
Australia, South	12	**0.2**	*0.06*	0.02	*0.01*				
Australia, Tasmania	3	**0.2**	*0.11*	0.02	*0.01*				
Australia, Victoria	21	**0.1**	*0.03*	0.01	*0.00*				
Australia, Western	5	**0.1**	*0.04*	0.01	*0.00*				
Australian Capital Territory	3	**0.3**	*0.20*	0.07	*0.04*				
French Polynesia	3	**0.9**	*0.58*	0.09	*0.08*				
New Zealand	20	**0.2**	*0.04*	0.02	*0.00*				
USA, Hawaii	16	**0.3**	*0.09*	0.03	*0.01*				
USA, Hawaii: Chinese	0	**-**	-	-	-				
USA, Hawaii: Filipino	2	**0.4**	*0.30*	0.03	*0.02*				
USA, Hawaii: Hawaiian	1	**0.2**	*0.17*	-	-				
USA, Hawaii: Japanese	10	**0.4**	*0.16*	0.05	*0.03*				
USA, Hawaii: White	2	**0.2**	*0.15*	0.03	*0.02*				

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kidney (C64)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	18	**0.7**	*0.18*	-	-	34	**1.2**	*0.23*	-	- *
Egypt, Gharbiah	121	**2.5**	*0.24*	-	-	84	**1.5**	*0.17*	-	-
Tunisia, Centre, Sousse	25	**2.6**	*0.53*	-	-	16	**1.6**	*0.41*	-	- *
Uganda, Kyadondo County	21	**0.5**	*0.13*	-	-	15	**0.3**	*0.08*	-	- *
Zimbabwe, Harare: African	45	**1.8**	*0.31*	-	-	37	**1.7**	*0.35*	-	- *
America, Central and South										
Argentina, Bahia Blanca	76	**9.3**	*1.11*	1.05	*0.14*	37	**3.9**	*0.68*	0.47	*0.08*
Brazil, Brasilia	114	**5.0**	*0.52*	0.53	*0.07*	79	**2.9**	*0.35*	0.32	*0.05*
Brazil, Cuiaba	20	**2.8**	*0.67*	0.30	*0.08*	13	**1.9**	*0.54*	0.22	*0.08*
Brazil, Goiania	66	**4.7**	*0.59*	0.55	*0.09*	45	**2.5**	*0.39*	0.25	*0.05*
Brazil, Sao Paulo	1368	**6.7**	*0.19*	0.82	*0.03*	863	**3.2**	*0.12*	0.35	*0.01*
Chile, Valdivia	58	**6.8**	*0.90*	0.85	*0.13*	39	**4.1**	*0.67*	0.45	*0.09*
Colombia, Cali	131	**3.9**	*0.35*	0.51	*0.05*	113	**2.7**	*0.26*	0.30	*0.04*
Costa Rica	291	**3.9**	*0.23*	0.45	*0.03*	186	**2.4**	*0.18*	0.27	*0.02*
Ecuador, Quito	79	**3.0**	*0.35*	0.35	*0.05*	60	**2.0**	*0.26*	0.23	*0.03*
France, La Martinique	26	**2.3**	*0.46*	0.32	*0.07*	25	**1.9**	*0.39*	0.19	*0.04*
Peru, Trujillo	29	**3.3**	*0.63*	0.40	*0.09*	17	**1.5**	*0.38*	0.21	*0.07**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	7444	**9.6**	*0.12*	1.13	*0.02*	4780	**5.4**	*0.09*	0.62	*0.01*
Canada, Alberta	892	**9.9**	*0.34*	1.16	*0.05*	569	**5.8**	*0.26*	0.65	*0.03*
Canada, British Columbia	1066	**7.4**	*0.24*	0.89	*0.03*	642	**3.8**	*0.17*	0.44	*0.02*
Canada, Manitoba	460	**11.4**	*0.56*	1.34	*0.08*	290	**6.0**	*0.40*	0.71	*0.05*
Canada, New Brunswick	309	**11.6**	*0.68*	1.38	*0.09*	221	**7.2**	*0.53*	0.81	*0.07*
Canada, Newfoundland and Labrador	169	**9.5**	*0.78*	1.15	*0.10*	114	**6.0**	*0.62*	0.76	*0.08*
Canada, Northwest Territories	7	**8.5**	*3.37*	1.08	*0.54*	2	**2.6**	*2.07*	0.38	*0.33*
Canada, Nova Scotia	433	**13.1**	*0.66*	1.55	*0.09*	284	**6.9**	*0.46*	0.84	*0.06*
Canada, Ontario	3675	**9.5**	*0.16*	1.12	*0.02*	2381	**5.4**	*0.12*	0.62	*0.02*
Canada, Prince Edward Island	55	**11.0**	*1.52*	1.35	*0.23*	29	**5.5**	*1.17*	0.71	*0.16*
Canada, Saskatchewan	378	**10.7**	*0.59*	1.25	*0.08*	248	**5.9**	*0.43*	0.71	*0.06*
USA, Alabama	1438	**10.1**	*0.27*	1.25	*0.04*	931	**5.3**	*0.19*	0.61	*0.02*
USA, Alabama: Black	284	**10.9**	*0.66*	1.38	*0.10*	233	**6.5**	*0.45*	0.77	*0.06*
USA, Alabama: White	1140	**9.9**	*0.30*	1.21	*0.04*	686	**4.9**	*0.21*	0.56	*0.03*
USA, Alaska	190	**12.4**	*0.94*	1.55	*0.15*	81	**5.2**	*0.60*	0.61	*0.09*
USA, Arizona	1833	**10.7**	*0.26*	1.27	*0.04*	1096	**5.7**	*0.19*	0.68	*0.02*
USA, California	9195	**9.4**	*0.10*	1.13	*0.01*	5346	**4.6**	*0.07*	0.54	*0.01*
USA, California: Asian and Pacific Islander	517	**4.6**	*0.21*	0.57	*0.03*	312	**2.3**	*0.14*	0.27	*0.02*
USA, California: Black	645	**11.2**	*0.45*	1.31	*0.06*	409	**5.8**	*0.30*	0.65	*0.04*
USA, California: Hispanic White	1673	**10.4**	*0.26*	1.26	*0.04*	1120	**5.8**	*0.18*	0.70	*0.03*
USA, California: Non-Hispanic White	6274	**9.9**	*0.13*	1.18	*0.02*	3448	**4.6**	*0.09*	0.54	*0.01*
USA, California, Greater San Francisco Bay Area	1725	**8.7**	*0.22*	1.05	*0.03*	1001	**4.3**	*0.15*	0.49	*0.02*
USA, California, Greater San Francisco Bay Area: Black	125	**9.9**	*0.91*	1.20	*0.13*	99	**6.3**	*0.68*	0.67	*0.08*
USA, California, Greater San Francisco Bay Area: Chinese	63	**4.1**	*0.55*	0.48	*0.07*	41	**2.0**	*0.34*	0.20	*0.04*
USA, California, Greater San Francisco Bay Area: Filipino	47	**5.5**	*0.81*	0.62	*0.11*	35	**3.0**	*0.52*	0.37	*0.07*
USA, California, Greater San Francisco Bay Area: Japanese	17	**5.5**	*1.42*	0.78	*0.22*	14	**2.6**	*0.79*	0.31	*0.10*
USA, California, Greater San Francisco Bay Area: Hispanic White	222	**10.4**	*0.73*	1.30	*0.11*	158	**6.1**	*0.50*	0.75	*0.07*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	1171	**9.5**	*0.30*	1.13	*0.04*	625	**4.3**	*0.20*	0.51	*0.03*
USA, California, Los Angeles County	2355	**9.3**	*0.20*	1.11	*0.03*	1443	**4.7**	*0.13*	0.54	*0.02*
USA, California, Los Angeles County: Black	298	**12.0**	*0.70*	1.41	*0.10*	186	**5.6**	*0.44*	0.61	*0.06*
USA, California, Los Angeles County: Chinese	40	**3.4**	*0.57*	0.32	*0.07*	23	**1.8**	*0.42*	0.19	*0.05*
USA, California, Los Angeles County: Filipino	49	**6.6**	*0.96*	0.74	*0.12*	32	**3.1**	*0.57*	0.36	*0.07*
USA, California, Los Angeles County: Japanese	32	**6.1**	*1.19*	0.86	*0.17*	17	**3.4**	*1.11*	0.38	*0.10*
USA, California, Los Angeles County: Korean	23	**4.5**	*1.00*	0.43	*0.12*	13	**2.4**	*0.75*	0.35	*0.10*
USA, California, Los Angeles County: Hispanic White	606	**9.8**	*0.41*	1.19	*0.06*	409	**5.1**	*0.26*	0.61	*0.04*
USA, California, Los Angeles County: Non-Hispanic White	1275	**10.1**	*0.30*	1.21	*0.04*	738	**4.9**	*0.21*	0.57	*0.03*
USA, Colorado	1185	**9.5**	*0.29*	1.15	*0.04*	748	**5.2**	*0.20*	0.61	*0.03*
USA, Connecticut	1358	**11.8**	*0.34*	1.46	*0.05*	868	**6.2**	*0.24*	0.73	*0.03*
USA, Connecticut: Black	88	**12.2**	*1.33*	1.52	*0.20*	55	**5.7**	*0.80*	0.61	*0.10*
USA, Connecticut: White	1249	**11.8**	*0.35*	1.46	*0.05*	797	**6.2**	*0.25*	0.74	*0.03*
USA, District of Columbia	188	**11.3**	*0.85*	1.42	*0.12*	121	**5.6**	*0.58*	0.65	*0.07*
USA, District of Columbia: Black	126	**12.1**	*1.12*	1.45	*0.15*	95	**6.7**	*0.77*	0.80	*0.10*
USA, District of Columbia: White	52	**9.4**	*1.41*	1.35	*0.22*	21	**2.8**	*0.84*	0.25	*0.09*
USA, Florida	6808	**10.6**	*0.14*	1.28	*0.02*	4005	**5.3**	*0.10*	0.61	*0.01*
USA, Florida: Black	483	**9.2**	*0.43*	1.16	*0.06*	359	**5.4**	*0.29*	0.65	*0.04*
USA, Florida: White	6239	**10.8**	*0.15*	1.30	*0.02*	3607	**5.3**	*0.11*	0.61	*0.01*
USA, Georgia	2372	**10.7**	*0.22*	1.27	*0.03*	1490	**5.5**	*0.15*	0.63	*0.02*
USA, Georgia: Black	586	**12.8**	*0.55*	1.55	*0.08*	382	**5.9**	*0.32*	0.71	*0.05*
USA, Georgia: White	1771	**10.3**	*0.25*	1.22	*0.03*	1091	**5.4**	*0.18*	0.62	*0.02*
USA, Georgia, Atlanta	729	**10.9**	*0.42*	1.33	*0.06*	394	**4.7**	*0.25*	0.56	*0.04*
USA, Georgia, Atlanta: Black	225	**13.0**	*0.92*	1.58	*0.14*	133	**5.5**	*0.50*	0.65	*0.07*
USA, Georgia, Atlanta: White	494	**10.6**	*0.50*	1.29	*0.07*	253	**4.5**	*0.31*	0.52	*0.04*
USA, Idaho	393	**9.8**	*0.51*	1.21	*0.07*	290	**6.8**	*0.43*	0.82	*0.06*
USA, Illinois	4479	**11.8**	*0.18*	1.42	*0.03*	3025	**6.4**	*0.13*	0.74	*0.02*
USA, Illinois: Black	568	**13.4**	*0.57*	1.57	*0.08*	420	**7.0**	*0.35*	0.81	*0.05*
USA, Illinois: White	3797	**11.6**	*0.20*	1.40	*0.03*	2545	**6.4**	*0.14*	0.74	*0.02*
USA, Indiana	2277	**12.0**	*0.26*	1.46	*0.04*	1548	**6.8**	*0.19*	0.80	*0.02*
USA, Iowa	1186	**11.7**	*0.36*	1.42	*0.05*	766	**6.2**	*0.26*	0.72	*0.03*
USA, Kentucky	1623	**12.6**	*0.32*	1.49	*0.04*	1033	**6.6**	*0.22*	0.77	*0.03*
USA, Louisiana	1806	**13.7**	*0.33*	1.68	*0.05*	1202	**7.4**	*0.23*	0.86	*0.03*
USA, Louisiana: Black	453	**14.3**	*0.69*	1.72	*0.10*	314	**7.2**	*0.42*	0.82	*0.06*
USA, Louisiana: White	1349	**13.8**	*0.39*	1.70	*0.05*	885	**7.5**	*0.28*	0.89	*0.04*
USA, Louisiana, New Orleans: Black	117	**12.6**	*1.19*	1.54	*0.17*	95	**7.0**	*0.75*	0.79	*0.10*
USA, Louisiana, New Orleans: White	281	**14.4**	*0.91*	1.73	*0.12*	183	**7.3**	*0.61*	0.89	*0.08*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kidney (C64) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	559	**12.5**	*0.55*	1.55	*0.08*	325	**5.9**	*0.37*	0.70	*0.05*
USA, Massachusetts	2329	**11.3**	*0.25*	1.37	*0.03*	1600	**6.2**	*0.17*	0.74	*0.02*
USA, Michigan	3460	**11.0**	*0.19*	1.33	*0.03*	2339	**6.2**	*0.14*	0.72	*0.02*
USA, Michigan: Black	480	**14.4**	*0.67*	1.75	*0.10*	349	**7.9**	*0.44*	0.95	*0.06*
USA, Michigan: White	2924	**10.5**	*0.20*	1.28	*0.03*	1950	**5.9**	*0.15*	0.69	*0.02*
USA, Michigan, Detroit	1568	**12.5**	*0.33*	1.51	*0.05*	1049	**6.9**	*0.24*	0.79	*0.03*
USA, Michigan, Detroit: Black	353	**14.3**	*0.78*	1.73	*0.11*	278	**8.4**	*0.53*	1.00	*0.07*
USA, Michigan, Detroit: White	1188	**12.1**	*0.37*	1.46	*0.05*	762	**6.5**	*0.27*	0.74	*0.03*
USA, Missouri	2192	**12.1**	*0.27*	1.45	*0.04*	1452	**6.5**	*0.19*	0.75	*0.02*
USA, Missouri: Black	209	**15.3**	*1.08*	1.82	*0.15*	138	**6.7**	*0.60*	0.78	*0.08*
USA, Missouri: White	1971	**11.9**	*0.28*	1.43	*0.04*	1297	**6.5**	*0.20*	0.75	*0.03*
USA, Montana	318	**10.0**	*0.59*	1.18	*0.08*	193	**5.1**	*0.42*	0.57	*0.05*
USA, NPCR	78891	**11.2**	*0.04*	1.35	*0.01*	50061	**5.9**	*0.03*	0.68	*0.00*
USA, NPCR: Black	7436	**12.1**	*0.14*	1.47	*0.02*	5308	**6.4**	*0.09*	0.75	*0.01*
USA, NPCR: White	69100	**11.2**	*0.04*	1.35	*0.01*	43312	**5.9**	*0.03*	0.69	*0.00*
USA, New Jersey	3419	**12.6**	*0.23*	1.54	*0.03*	2126	**6.1**	*0.15*	0.72	*0.02*
USA, New Jersey: Black	346	**12.5**	*0.68*	1.57	*0.10*	236	**6.3**	*0.42*	0.73	*0.06*
USA, New Jersey: White	2968	**12.8**	*0.25*	1.56	*0.03*	1838	**6.2**	*0.16*	0.74	*0.02*
USA, New Mexico	621	**10.7**	*0.44*	1.33	*0.06*	353	**5.5**	*0.31*	0.67	*0.04*
USA, New Mexico: American Indian	45	**14.0**	*2.13*	2.18	*0.37*	31	**7.5**	*1.36*	1.01	*0.21*
USA, New Mexico: Hispanic White	224	**12.5**	*0.85*	1.54	*0.12*	144	**6.9**	*0.59*	0.83	*0.08*
USA, New Mexico: Non-Hispanic White	345	**9.9**	*0.58*	1.19	*0.08*	170	**4.6**	*0.39*	0.55	*0.05*
USA, New York State	7053	**11.8**	*0.15*	1.43	*0.02*	4542	**5.9**	*0.10*	0.69	*0.01*
USA, New York State: Black	653	**9.8**	*0.39*	1.20	*0.06*	505	**5.1**	*0.24*	0.58	*0.03*
USA, New York State: White	6214	**12.3**	*0.17*	1.50	*0.02*	3931	**6.2**	*0.11*	0.72	*0.01*
USA, Ohio	4018	**10.8**	*0.18*	1.31	*0.02*	2828	**6.2**	*0.13*	0.73	*0.02*
USA, Ohio: Black	384	**12.1**	*0.63*	1.47	*0.09*	297	**6.9**	*0.42*	0.80	*0.06*
USA, Ohio: White	3555	**10.6**	*0.19*	1.27	*0.03*	2473	**6.1**	*0.14*	0.71	*0.02*
USA, Oklahoma	1268	**11.2**	*0.32*	1.33	*0.04*	796	**5.9**	*0.23*	0.70	*0.03*
USA, Oregon	1121	**9.7**	*0.31*	1.15	*0.04*	652	**5.1**	*0.22*	0.59	*0.03*
USA, Pennsylvania	5201	**11.9**	*0.18*	1.41	*0.02*	3416	**6.2**	*0.12*	0.72	*0.02*
USA, Pennsylvania: Black	474	**15.6**	*0.74*	1.81	*0.10*	310	**7.1**	*0.43*	0.88	*0.06*
USA, Pennsylvania: White	4632	**11.4**	*0.18*	1.36	*0.02*	3044	**6.1**	*0.13*	0.71	*0.02*
USA, Rhode Island	465	**13.1**	*0.64*	1.59	*0.09*	307	**6.8**	*0.45*	0.80	*0.06*
USA, SEER (9 Registries)	8810	**10.8**	*0.12*	1.30	*0.02*	5337	**5.5**	*0.08*	0.64	*0.01*
USA, SEER (9 Registries): Black	864	**12.9**	*0.45*	1.57	*0.07*	616	**7.0**	*0.29*	0.81	*0.04*
USA, SEER (9 Registries): White	7372	**11.0**	*0.13*	1.32	*0.02*	4386	**5.6**	*0.09*	0.65	*0.01*
USA, SEER (14 Registries)	23773	**10.7**	*0.07*	1.30	*0.01*	14423	**5.4**	*0.05*	0.63	*0.01*
USA, SEER (14 Registries): Asian and Pacific Islander	897	**5.2**	*0.18*	0.63	*0.03*	530	**2.6**	*0.12*	0.30	*0.02*
USA, SEER (14 Registries): Black	2320	**12.8**	*0.27*	1.55	*0.04*	1567	**6.6**	*0.17*	0.76	*0.02*
USA, SEER (14 Registries): Hispanic White	2290	**10.6**	*0.23*	1.29	*0.03*	1519	**5.8**	*0.16*	0.70	*0.02*
USA, SEER (14 Registries): Non-Hispanic White	17980	**11.1**	*0.09*	1.33	*0.01*	10643	**5.5**	*0.06*	0.64	*0.01*
USA, South Carolina	1519	**12.0**	*0.32*	1.46	*0.04*	871	**5.7**	*0.21*	0.66	*0.03*
USA, South Carolina: Black	334	**12.1**	*0.68*	1.48	*0.10*	248	**6.6**	*0.44*	0.74	*0.06*
USA, South Carolina: White	1165	**11.9**	*0.36*	1.45	*0.05*	613	**5.3**	*0.24*	0.62	*0.03*
USA, Texas	7196	**12.5**	*0.15*	1.51	*0.02*	4617	**6.8**	*0.11*	0.80	*0.01*
USA, Texas: Black	675	**13.1**	*0.52*	1.61	*0.08*	549	**8.0**	*0.36*	0.94	*0.05*
USA, Texas: White	6378	**12.6**	*0.16*	1.52	*0.02*	3987	**6.7**	*0.11*	0.80	*0.02*
USA, Utah	447	**8.3**	*0.41*	1.00	*0.06*	295	**4.8**	*0.30*	0.56	*0.04*
USA, Vermont	215	**10.3**	*0.73*	1.24	*0.10*	137	**5.8**	*0.54*	0.68	*0.07*
USA, Washington State	2009	**10.7**	*0.25*	1.26	*0.04*	1141	**5.4**	*0.18*	0.62	*0.02*
USA, Washington, Seattle	1374	**10.8**	*0.30*	1.26	*0.04*	760	**5.3**	*0.21*	0.61	*0.03*
USA, West Virginia	762	**11.3**	*0.43*	1.37	*0.06*	494	**5.9**	*0.30*	0.71	*0.04*
USA, Wisconsin	2008	**11.4**	*0.27*	1.37	*0.04*	1313	**6.2**	*0.19*	0.72	*0.03*
Asia										
Bahrain: Bahraini	27	**4.7**	*0.93*	0.60	*0.14*	25	**3.5**	*0.75*	0.35	*0.09*
China, Guangzhou City	123	**2.3**	*0.22*	0.26	*0.03*	65	**1.2**	*0.16*	0.10	*0.02**
China, Hong Kong										
China, Jiashan	21	**1.6**	*0.38*	0.15	*0.04*	9	**0.6**	*0.21*	0.10	*0.04**
China, Nangang District, Harbin City	75	**3.2**	*0.37*	0.44	*0.06*	46	**1.9**	*0.28*	0.23	*0.04*
China, Shanghai	1090	**4.8**	*0.16*	0.56	*0.02*	574	**2.4**	*0.12*	0.27	*0.01**
China, Zhongshan	56	**1.8**	*0.25*	0.16	*0.03*	18	**0.6**	*0.14*	0.07	*0.02**
Cyprus	110	**5.1**	*0.51*	0.59	*0.07*	57	**2.8**	*0.40*	0.29	*0.04**
India, Chennai (Madras)	115	**1.3**	*0.12*	0.15	*0.02*	70	**0.8**	*0.10*	0.08	*0.01*
India, New Delhi	558	**2.6**	*0.12*	0.30	*0.02*	222	**1.2**	*0.08*	0.12	*0.01**
India, Karunagappally	6	**0.7**	*0.30*	0.08	*0.04*	3	**0.4**	*0.23*	0.03	*0.02*
India, Mumbai (Bombay)	435	**2.0**	*0.10*	0.24	*0.01*	193	**0.9**	*0.07*	0.10	*0.01*
India, Nagpur	43	**1.0**	*0.16*	0.13	*0.02*	21	**0.5**	*0.12*	0.05	*0.01**
India, Poona	105	**1.7**	*0.17*	0.19	*0.02*	59	**0.9**	*0.12*	0.09	*0.01**
India, Trivandrum	40	**1.5**	*0.24*	0.17	*0.03*	9	**0.3**	*0.11*	0.02	*0.01**
Israel	1747	**11.0**	*0.27*	1.37	*0.04*	1057	**5.6**	*0.18*	0.69	*0.03*
Israel: Jews	1628	**11.4**	*0.29*	1.42	*0.04*	992	**5.8**	*0.20*	0.72	*0.03*
Israel: Non-Jews	69	**4.4**	*0.56*	0.57	*0.09*	33	**1.6**	*0.31*	0.14	*0.03*
Japan, Aichi Prefecture	167	**4.5**	*0.36*	0.51	*0.05*	61	**1.5**	*0.21*	0.18	*0.03*
Japan, Fukui Prefecture	201	**5.6**	*0.44*	0.63	*0.05*	97	**1.9**	*0.22*	0.24	*0.03*
Japan, Hiroshima	252	**6.3**	*0.41*	0.73	*0.05*	92	**1.9**	*0.21*	0.21	*0.03*
Japan, Miyagi Prefecture	641	**6.6**	*0.27*	0.80	*0.04*	291	**2.5**	*0.17*	0.28	*0.02*
Japan, Nagasaki Prefecture	356	**5.3**	*0.30*	0.61	*0.04*	184	**2.1**	*0.19*	0.24	*0.02*
Japan, Osaka Prefecture	1360	**3.9**	*0.11*	0.44	*0.01*	631	**1.5**	*0.07*	0.15	*0.01*
Japan, Yamagata Prefecture	216	**3.4**	*0.25*	0.38	*0.03*	148	**1.9**	*0.18*	0.22	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kidney (C64) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	4253	**4.7**	*0.07*	0.56	*0.01*	1967	**1.9**	*0.04*	0.21	*0.01*
Korea, Busan	439	**4.9**	*0.25*	0.60	*0.04*	214	**2.1**	*0.15*	0.24	*0.02*
Korea, Daegu	282	**5.2**	*0.32*	0.63	*0.05*	154	**2.3**	*0.19*	0.25	*0.02*
Korea, Daejeon	130	**4.6**	*0.43*	0.58	*0.07*	63	**2.0**	*0.25*	0.22	*0.03*
Korea, Gwangju	108	**3.9**	*0.39*	0.49	*0.06*	48	**1.4**	*0.21*	0.17	*0.03*
Korea, Incheon	227	**4.3**	*0.31*	0.51	*0.04*	120	**2.1**	*0.19*	0.24	*0.03*
Korea, Jejudo	35	**4.7**	*0.82*	0.51	*0.11*	20	**1.9**	*0.46*	0.19	*0.05*
Korea, Seoul	1229	**5.6**	*0.17*	0.65	*0.02*	546	**2.2**	*0.10*	0.26	*0.01*
Korea, Ulsan	89	**5.9**	*0.70*	0.78	*0.12*	31	**1.6**	*0.30*	0.17	*0.04*
Kuwait: Kuwaitis	58	**5.8**	*0.80*	0.75	*0.12*	27	**2.0**	*0.42*	0.25	*0.07*
Kuwait: Non-Kuwaitis	42	**3.4**	*0.86*	0.33	*0.08*	17	**4.0**	*1.13*	0.22	*0.09*
Malaysia, Penang	70	**3.6**	*0.44*	0.46	*0.07*	38	**1.7**	*0.28*	0.17	*0.03*
Malaysia, Sarawak	75	**2.0**	*0.25*	0.25	*0.04*	26	**0.7**	*0.14*	0.09	*0.02*
Oman: Omani	32	**1.7**	*0.31*	0.17	*0.04*	34	**1.6**	*0.30*	0.16	*0.04**
Pakistan, South Karachi	51	**1.7**	*0.26*	0.21	*0.04*	21	**0.8**	*0.19*	0.07	*0.02**
Philippines, Manila	314	**4.6**	*0.28*	0.59	*0.05*	224	**2.5**	*0.18*	0.28	*0.03**
Singapore	385	**4.6**	*0.24*	0.54	*0.03*	226	**2.4**	*0.17*	0.28	*0.02*
Singapore: Chinese	344	**5.3**	*0.29*	0.63	*0.04*	194	**2.5**	*0.19*	0.29	*0.03*
Singapore: Indian	12	**1.7**	*0.52*	0.16	*0.06*	7	**1.4**	*0.56*	0.12	*0.05*
Singapore: Malay	29	**3.0**	*0.58*	0.32	*0.08*	25	**2.3**	*0.48*	0.27	*0.07*
Thailand, Chiang Mai	63	**1.7**	*0.22*	0.20	*0.03*	34	**0.9**	*0.16*	0.09	*0.02**
Thailand, Lampang	18	**0.8**	*0.18*	0.08	*0.02*	9	**0.4**	*0.14*	0.05	*0.02**
Thailand, Songkhla	19	**0.7**	*0.17*	0.08	*0.02*	16	**0.6**	*0.15*	0.05	*0.01*
Turkey, Antalya	87	**2.9**	*0.31*	0.35	*0.04*	47	**1.6**	*0.24*	0.17	*0.03**
Turkey, Izmir	264	**3.3**	*0.21*	0.41	*0.03*	138	**1.6**	*0.14*	0.18	*0.02**
Europe										
Austria	3569	**12.2**	*0.21*	1.48	*0.03*	2720	**6.8**	*0.15*	0.81	*0.02*
Austria, Tyrol	246	**11.0**	*0.72*	1.23	*0.09*	182	**6.5**	*0.54*	0.73	*0.07*
Austria, Vorarlberg	119	**10.6**	*0.99*	1.33	*0.14*	74	**5.2**	*0.65*	0.58	*0.08*
Belarus	3743	**13.0**	*0.22*	1.55	*0.03*	2533	**6.1**	*0.13*	0.72	*0.02**
Belgium, Antwerp	511	**7.3**	*0.34*	0.93	*0.05*	307	**3.8**	*0.25*	0.48	*0.03**
Belgium, Flanders	1622	**8.6**	*0.23*	1.06	*0.03*	1084	**5.0**	*0.18*	0.57	*0.02*
Bulgaria	1559	**5.4**	*0.15*	0.63	*0.02*	804	**2.4**	*0.10*	0.27	*0.01**
Croatia	1557	**9.8**	*0.26*	1.18	*0.03*	988	**4.8**	*0.17*	0.56	*0.02*
Czech Republic	7193	**20.2**	*0.24*	2.50	*0.03*	4572	**9.5**	*0.15*	1.18	*0.02*
Denmark	1550	**7.4**	*0.20*	0.88	*0.03*	1059	**4.2**	*0.15*	0.51	*0.02*
Estonia	670	**15.6**	*0.62*	1.94	*0.08*	469	**6.6**	*0.34*	0.83	*0.04*
Finland	1993	**10.2**	*0.24*	1.22	*0.03*	1577	**5.8**	*0.17*	0.68	*0.02*
France, Bas-Rhin	501	**15.0**	*0.69*	1.79	*0.09*	293	**6.5**	*0.44*	0.73	*0.05*
France, Calvados	209	**9.1**	*0.67*	1.05	*0.09*	102	**3.9**	*0.44*	0.43	*0.05*
France, Doubs	172	**9.8**	*0.78*	1.24	*0.11*	76	**3.5**	*0.43*	0.42	*0.06*
France, Haut-Rhin	298	**11.6**	*0.69*	1.42	*0.10*	205	**6.4**	*0.49*	0.77	*0.07*
France, Herault	344	**9.5**	*0.55*	1.10	*0.07*	151	**3.8**	*0.36*	0.43	*0.04*
France, Isere	318	**8.4**	*0.49*	1.00	*0.07*	196	**4.2**	*0.34*	0.46	*0.04*
France, Loire-Atlantique	445	**11.4**	*0.56*	1.36	*0.08*	238	**5.1**	*0.37*	0.60	*0.05*
France, Manche	155	**7.2**	*0.62*	0.78	*0.08*	95	**3.8**	*0.44*	0.49	*0.06*
France, Somme	215	**10.8**	*0.77*	1.38	*0.11*	108	**4.7**	*0.50*	0.58	*0.06*
France, Tarn	137	**8.3**	*0.78*	0.97	*0.10*	73	**3.2**	*0.45*	0.38	*0.06*
France, Vendee	181	**8.4**	*0.67*	0.99	*0.08*	108	**4.2**	*0.49*	0.47	*0.05*
Germany, Brandenburg	1651	**16.3**	*0.42*	2.05	*0.06*	1120	**8.7**	*0.30*	1.09	*0.04*
Germany, Free State of Saxony	2971	**16.0**	*0.31*	1.98	*0.04*	2010	**7.9**	*0.21*	0.99	*0.03*
Germany, Hamburg	571	**8.4**	*0.37*	0.98	*0.05*	375	**4.1**	*0.26*	0.48	*0.03*
Germany, Mecklenburg-Western Pomerania	1140	**17.1**	*0.52*	2.16	*0.07*	757	**8.8**	*0.39*	1.06	*0.05*
Germany, Munich	1091	**11.9**	*0.37*	1.42	*0.05*	681	**5.5**	*0.24*	0.66	*0.03*
Germany, Northrhine-Westphalia: Munster	976	**9.5**	*0.31*	1.16	*0.04*	672	**4.9**	*0.22*	0.54	*0.03*
Germany, Saarland	516	**11.3**	*0.51*	1.41	*0.07*	349	**6.1**	*0.40*	0.70	*0.05*
Iceland	132	**15.0**	*1.36*	1.73	*0.18*	77	**7.6**	*0.94*	0.90	*0.13*
Ireland	1021	**8.7**	*0.28*	0.99	*0.04*	537	**4.2**	*0.20*	0.48	*0.03*
Italy, Biella Province	91	**10.2**	*1.12*	1.27	*0.15*	48	**3.6**	*0.59*	0.50	*0.09*
Italy, Brescia Province	358	**15.2**	*0.84*	1.84	*0.11*	201	**6.6**	*0.55*	0.79	*0.07*
Italy, Ferrara Province	207	**12.2**	*1.02*	1.38	*0.11*	122	**4.9**	*0.53*	0.55	*0.07*
Italy, Florence and Prato	734	**13.1**	*0.53*	1.57	*0.07*	384	**5.4**	*0.34*	0.61	*0.04*
Italy, Genoa Province	297	**10.5**	*0.66*	1.29	*0.09*	162	**4.4**	*0.41*	0.52	*0.05*
Italy, Macerata Province	92	**10.9**	*1.22*	1.33	*0.16*	51	**4.5**	*0.74*	0.57	*0.10*
Italy, Milan	579	**12.6**	*0.57*	1.55	*0.07*	336	**5.0**	*0.36*	0.57	*0.04*
Italy, Modena Province	399	**13.6**	*0.72*	1.77	*0.10*	212	**6.3**	*0.54*	0.77	*0.06*
Italy, Naples	112	**7.3**	*0.70*	0.89	*0.10*	86	**4.9**	*0.57*	0.58	*0.07*
Italy, North East Cancer Surveillance Network	1105	**12.3**	*0.40*	1.49	*0.05*	635	**5.5**	*0.26*	0.67	*0.03*
Italy, Parma Province	206	**10.6**	*0.83*	1.29	*0.11*	124	**6.0**	*0.78*	0.59	*0.07*
Italy, Ragusa Province	51	**4.6**	*0.68*	0.56	*0.09*	38	**3.3**	*0.65*	0.31	*0.06*
Italy, Reggio Emilia Province	239	**11.5**	*0.83*	1.37	*0.11*	129	**5.2**	*0.53*	0.60	*0.07*
Italy, Romagna Region	640	**13.3**	*0.59*	1.64	*0.08*	372	**6.6**	*0.45*	0.71	*0.05*
Italy, Salerno Province	203	**6.5**	*0.48*	0.79	*0.06*	118	**3.3**	*0.35*	0.36	*0.04*
Italy, Sassari Province	146	**8.1**	*0.71*	1.00	*0.09*	76	**3.7**	*0.52*	0.38	*0.05*
Italy, Syracuse Province	45	**3.7**	*0.56*	0.46	*0.08*	35	**2.6**	*0.56*	0.28	*0.06*
Italy, Sondrio	98	**14.1**	*1.46*	1.68	*0.19*	50	**6.7**	*1.15*	0.72	*0.12*
Italy, Torino	369	**8.5**	*0.49*	1.00	*0.06*	243	**4.3**	*0.37*	0.49	*0.04*
Italy, Umbria Region	478	**11.6**	*0.57*	1.46	*0.08*	232	**5.4**	*0.51*	0.55	*0.05*
Italy, Varese Province	261	**13.0**	*0.85*	1.60	*0.12*	135	**5.5**	*0.55*	0.67	*0.07*
Italy, Veneto Region	954	**14.2**	*0.49*	1.71	*0.06*	568	**6.4**	*0.32*	0.77	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Kidney (C64) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	1033	**13.7**	*0.43*	1.68	*0.06*	845	**7.1**	*0.28*	0.88	*0.03*
Lithuania	1619	**15.6**	*0.40*	1.95	*0.05*	1218	**7.9**	*0.25*	0.95	*0.03*
Malta	82	**6.5**	*0.76*	0.73	*0.10*	55	**3.6**	*0.51*	0.42	*0.07*
Norway	1503	**8.7**	*0.24*	1.02	*0.03*	946	**4.3**	*0.17*	0.49	*0.02*
Poland, Cracow	239	**9.7**	*0.64*	1.20	*0.09*	166	**4.7**	*0.38*	0.57	*0.05**
Poland, Kielce	492	**12.1**	*0.57*	1.49	*0.08*	326	**6.2**	*0.39*	0.73	*0.05*
Poland, Warsaw City	589	**9.8**	*0.42*	1.23	*0.06*	376	**4.6**	*0.28*	0.56	*0.03*
Portugal, Porto	484	**4.9**	*0.23*	0.59	*0.03*	273	**2.4**	*0.17*	0.26	*0.02**
Portugal, South Regional	546	**5.4**	*0.25*	0.64	*0.03*	291	**2.4**	*0.17*	0.26	*0.02*
Russia, St Petersburg	1665	**12.1**	*0.31*	1.46	*0.04*	1602	**6.5**	*0.19*	0.78	*0.02*
Serbia	934	**5.4**	*0.19*	0.63	*0.02*	590	**3.0**	*0.14*	0.34	*0.02*
Slovak Republic	1831	**12.0**	*0.29*	1.48	*0.04*	1213	**6.0**	*0.19*	0.72	*0.02*
Slovenia	645	**9.8**	*0.40*	1.14	*0.05*	354	**4.2**	*0.27*	0.47	*0.03*
Spain, Albacete	57	**4.8**	*0.69*	0.54	*0.09*	32	**2.6**	*0.51*	0.34	*0.07*
Spain, Asturias	436	**9.6**	*0.54*	1.11	*0.06*	200	**3.5**	*0.35*	0.38	*0.03*
Spain, Basque Country	769	**11.3**	*0.43*	1.35	*0.06*	320	**4.1**	*0.30*	0.44	*0.03*
Spain, Canary Islands	202	**4.5**	*0.33*	0.54	*0.04*	116	**2.3**	*0.25*	0.23	*0.03*
Spain, Cuenca	48	**5.4**	*1.02*	0.55	*0.10*	28	**3.3**	*0.90*	0.33	*0.08*
Spain, Girona	165	**7.6**	*0.65*	0.91	*0.08*	84	**3.2**	*0.39*	0.36	*0.05*
Spain, Granada	127	**4.6**	*0.44*	0.55	*0.05*	90	**2.8**	*0.33*	0.32	*0.04*
Spain, Murcia	196	**5.2**	*0.39*	0.64	*0.05*	109	**2.6**	*0.28*	0.30	*0.03*
Spain, Navarra	212	**9.4**	*0.69*	1.16	*0.09*	93	**3.2**	*0.43*	0.33	*0.05*
Spain, Tarragona	126	**6.2**	*0.61*	0.71	*0.08*	65	**2.7**	*0.42*	0.31	*0.05*
Spain, Zaragoza	200	**5.9**	*0.49*	0.66	*0.05*	106	**2.9**	*0.38*	0.31	*0.04*
Sweden	2563	**6.8**	*0.15*	0.84	*0.02*	1843	**4.2**	*0.12*	0.51	*0.02*
Switzerland, Geneva	127	**8.3**	*0.76*	0.99	*0.11*	56	**2.9**	*0.46*	0.30	*0.05*
Switzerland, Graubunden and Glarus	71	**8.3**	*1.06*	1.03	*0.15*	42	**4.1**	*0.76*	0.48	*0.09*
Switzerland, Neuchatel	69	**11.0**	*1.42*	1.28	*0.18*	27	**3.3**	*0.69*	0.40	*0.10*
Switzerland, St Gall-Appenzell	149	**7.7**	*0.65*	0.97	*0.10*	87	**3.7**	*0.44*	0.47	*0.06*
Switzerland, Ticino	131	**11.3**	*1.08*	1.35	*0.13*	62	**3.6**	*0.54*	0.41	*0.07*
Switzerland, Valais	77	**7.6**	*0.89*	0.90	*0.12*	38	**3.7**	*0.70*	0.46	*0.08*
Switzerland, Vaud	170	**7.3**	*0.60*	0.87	*0.08*	116	**4.0**	*0.42*	0.49	*0.06*
The Netherlands	4518	**7.9**	*0.12*	0.97	*0.02*	2929	**4.4**	*0.09*	0.53	*0.01*
The Netherlands, Eindhoven	284	**7.8**	*0.47*	0.94	*0.07*	187	**4.5**	*0.37*	0.51	*0.05*
The Netherlands, Maastricht	276	**8.0**	*0.50*	0.99	*0.07*	170	**4.6**	*0.43*	0.53	*0.05*
UK, East of England Region	721	**6.5**	*0.26*	0.75	*0.03*	446	**3.4**	*0.19*	0.39	*0.02*
UK, England, Merseyside and Cheshire	690	**7.4**	*0.30*	0.87	*0.04*	421	**3.7**	*0.21*	0.42	*0.03*
UK, England, North Western	1126	**7.1**	*0.22*	0.83	*0.03*	724	**3.7**	*0.16*	0.42	*0.02*
UK, England, Northern and Yorkshire	2067	**8.1**	*0.19*	0.97	*0.03*	1374	**4.4**	*0.14*	0.50	*0.02*
UK, England, Oxford Region	663	**6.8**	*0.28*	0.80	*0.04*	384	**3.4**	*0.19*	0.39	*0.03*
UK, England, South and Western Regions	2233	**7.8**	*0.18*	0.91	*0.02*	1326	**3.9**	*0.13*	0.45	*0.02*
UK, England, Thames	3514	**6.9**	*0.12*	0.81	*0.02*	2052	**3.3**	*0.09*	0.37	*0.01*
UK, England, Trent	1527	**7.8**	*0.21*	0.94	*0.03*	939	**4.1**	*0.16*	0.48	*0.02*
UK, England, West Midlands	1484	**7.4**	*0.20*	0.87	*0.03*	854	**3.6**	*0.14*	0.41	*0.02*
UK, Northern Ireland	425	**7.6**	*0.39*	0.91	*0.05*	292	**4.3**	*0.28*	0.49	*0.04*
UK, Scotland	1667	**8.7**	*0.23*	1.03	*0.03*	1156	**4.5**	*0.15*	0.52	*0.02*
Oceania										
Australia, New South Wales	2165	**9.7**	*0.22*	1.15	*0.03*	1247	**4.9**	*0.15*	0.56	*0.02*
Australia, Northern Territory	29	**6.9**	*1.36*	1.02	*0.25*	12	**3.0**	*0.90*	0.30	*0.13*
Australia, Queensland	1142	**9.5**	*0.29*	1.12	*0.04*	669	**5.0**	*0.21*	0.55	*0.03*
Australia, South	616	**10.9**	*0.46*	1.30	*0.06*	300	**4.7**	*0.30*	0.54	*0.04*
Australia, Tasmania	185	**10.6**	*0.81*	1.27	*0.11*	124	**6.5**	*0.64*	0.78	*0.08*
Australia, Victoria	1610	**9.7**	*0.25*	1.13	*0.03*	996	**5.5**	*0.19*	0.60	*0.02*
Australia, Western	561	**9.2**	*0.40*	1.07	*0.06*	309	**4.9**	*0.30*	0.55	*0.04*
Australian Capital Territory	85	**9.3**	*1.03*	1.02	*0.14*	66	**6.4**	*0.85*	0.72	*0.12*
French Polynesia	26	**5.7**	*1.15*	0.78	*0.18*	9	**2.1**	*0.72*	0.29	*0.12*
New Zealand	1044	**8.3**	*0.27*	0.98	*0.04*	614	**4.5**	*0.20*	0.51	*0.03*
USA, Hawaii	358	**8.8**	*0.49*	1.06	*0.07*	180	**3.8**	*0.30*	0.46	*0.04*
USA, Hawaii: Chinese	23	**6.2**	*1.47*	0.59	*0.18*	13	**2.3**	*0.77*	0.21	*0.10*
USA, Hawaii: Filipino	42	**6.7**	*1.09*	0.76	*0.14*	27	**3.6**	*0.72*	0.51	*0.11*
USA, Hawaii: Hawaiian	51	**10.7**	*1.53*	1.41	*0.23*	21	**3.9**	*0.87*	0.47	*0.12*
USA, Hawaii: Japanese	100	**8.4**	*1.00*	0.96	*0.12*	54	**3.5**	*0.56*	0.44	*0.07*
USA, Hawaii: White	125	**11.8**	*1.11*	1.49	*0.15*	49	**4.4**	*0.71*	0.51	*0.09*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Renal pelvis (C65)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	0	-	-	-	-	0	-	-	-	- *
Egypt, Gharbiah	17	**0.5**	*0.12*	-	-	5	**0.1**	*0.05*	-	-
Tunisia, Centre, Sousse	4	**0.4**	*0.20*	-	-	1	**0.1**	*0.09*	-	- *
Uganda, Kyadondo County	0	-	-	-	-	2	**0.1**	*0.04*	-	- *
Zimbabwe, Harare: African	0	-	-	-	-	0	-	-	-	- *
America, Central and South										
Argentina, Bahia Blanca	1	**0.1**	*0.13*	0.02	*0.02*	0	-	-	-	-
Brazil, Brasilia	1	**0.0**	*0.03*	0.00	*0.00*	2	**0.0**	*0.03*	0.00	*0.00*
Brazil, Cuiaba	0	-	-	-	-	0	-	-	-	-
Brazil, Goiania	3	**0.2**	*0.14*	0.04	*0.02*	1	**0.1**	*0.05*	-	-
Brazil, Sao Paulo	30	**0.2**	*0.03*	0.02	*0.00*	24	**0.1**	*0.02*	0.01	*0.00*
Chile, Valdivia	1	**0.1**	*0.08*	-	-	0	-	-	-	-
Colombia, Cali	4	**0.1**	*0.06*	0.02	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
Costa Rica	10	**0.1**	*0.04*	0.02	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
Ecuador, Quito	4	**0.2**	*0.08*	0.02	*0.01*	1	**0.0**	*0.04*	0.01	*0.01*
France, La Martinique	2	**0.2**	*0.13*	0.03	*0.02*	1	**0.1**	*0.08*	0.01	*0.01*
Peru, Trujillo	6	**0.7**	*0.30*	0.07	*0.04*	2	**0.2**	*0.12*	0.02	*0.01* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	392	**0.5**	*0.02*	0.05	*0.00*	285	**0.2**	*0.02*	0.03	*0.00*
Canada, Alberta	54	**0.6**	*0.08*	0.06	*0.01*	43	**0.3**	*0.06*	0.04	*0.01*
Canada, British Columbia	79	**0.5**	*0.06*	0.05	*0.01*	55	**0.2**	*0.04*	0.02	*0.00*
Canada, Manitoba	47	**1.1**	*0.17*	0.15	*0.03*	18	**0.3**	*0.08*	0.03	*0.01*
Canada, New Brunswick	28	**1.0**	*0.20*	0.12	*0.03*	12	**0.3**	*0.09*	0.04	*0.02*
Canada, Newfoundland and Labrador	2	**0.1**	*0.06*	0.00	*0.00*	3	**0.1**	*0.07*	0.02	*0.01*
Canada, Northwest Territories	0	-	-	-	-	0	-	-	-	-
Canada, Nova Scotia	16	**0.4**	*0.12*	0.05	*0.02*	17	**0.4**	*0.11*	0.05	*0.02*
Canada, Ontario	146	**0.3**	*0.03*	0.04	*0.00*	122	**0.2**	*0.02*	0.03	*0.00*
Canada, Prince Edward Island	3	**0.7**	*0.41*	0.11	*0.06*	0	-	-	-	-
Canada, Saskatchewan	17	**0.4**	*0.11*	0.06	*0.02*	15	**0.3**	*0.09*	0.04	*0.01*
USA, Alabama	86	**0.5**	*0.06*	0.06	*0.01*	68	**0.3**	*0.04*	0.02	*0.00*
USA, Alabama: Black	10	**0.4**	*0.12*	0.04	*0.02*	6	**0.1**	*0.05*	0.01	*0.00*
USA, Alabama: White	75	**0.6**	*0.07*	0.06	*0.01*	61	**0.3**	*0.04*	0.03	*0.01*
USA, Alaska	8	**0.5**	*0.17*	0.07	*0.03*	4	**0.3**	*0.17*	0.05	*0.03*
USA, Arizona	74	**0.4**	*0.05*	0.04	*0.01*	76	**0.3**	*0.04*	0.04	*0.01*
USA, California	605	**0.6**	*0.02*	0.07	*0.00*	461	**0.3**	*0.02*	0.04	*0.00*
USA, California: Asian and Pacific Islander	30	**0.3**	*0.05*	0.03	*0.01*	28	**0.2**	*0.04*	0.02	*0.01*
USA, California: Black	23	**0.4**	*0.09*	0.06	*0.01*	18	**0.2**	*0.05*	0.02	*0.01*
USA, California: Hispanic White	91	**0.6**	*0.06*	0.06	*0.01*	58	**0.3**	*0.04*	0.03	*0.01*
USA, California: Non-Hispanic White	458	**0.6**	*0.03*	0.08	*0.00*	355	**0.4**	*0.02*	0.04	*0.00*
USA, California, Greater San Francisco Bay Area	92	**0.4**	*0.05*	0.05	*0.01*	86	**0.3**	*0.03*	0.03	*0.01*
USA, California, Greater San Francisco Bay Area: Black	7	**0.6**	*0.23*	0.11	*0.05*	5	**0.2**	*0.09*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Chinese	4	**0.2**	*0.12*	0.02	*0.02*	7	**0.3**	*0.12*	0.03	*0.02*
USA, California, Greater San Francisco Bay Area: Filipino	0	-	-	-	-	2	**0.1**	*0.09*	0.02	*0.02*
USA, California, Greater San Francisco Bay Area: Japanese	1	**0.4**	*0.40*	0.05	*0.05*	0	-	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	9	**0.4**	*0.14*	0.04	*0.02*	10	**0.3**	*0.11*	0.03	*0.02*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	65	**0.5**	*0.06*	0.05	*0.01*	60	**0.3**	*0.05*	0.04	*0.01*
USA, California, Los Angeles County	174	**0.6**	*0.05*	0.08	*0.01*	155	**0.4**	*0.03*	0.04	*0.01*
USA, California, Los Angeles County: Black	13	**0.5**	*0.15*	0.06	*0.02*	10	**0.3**	*0.09*	0.03	*0.01*
USA, California, Los Angeles County: Chinese	3	**0.2**	*0.12*	0.01	*0.01*	7	**0.6**	*0.23*	0.08	*0.04*
USA, California, Los Angeles County: Filipino	1	**0.1**	*0.13*	0.03	*0.03*	2	**0.2**	*0.11*	0.01	*0.01*
USA, California, Los Angeles County: Japanese	3	**0.6**	*0.37*	0.08	*0.05*	2	**0.3**	*0.26*	0.03	*0.03*
USA, California, Los Angeles County: Korean	1	**0.2**	*0.19*	0.02	*0.02*	2	**0.7**	*0.53*	0.06	*0.04*
USA, California, Los Angeles County: Hispanic White	35	**0.6**	*0.11*	0.08	*0.02*	33	**0.4**	*0.07*	0.04	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	115	**0.8**	*0.08*	0.10	*0.01*	98	**0.4**	*0.05*	0.05	*0.01*
USA, Colorado	90	**0.7**	*0.08*	0.09	*0.01*	42	**0.3**	*0.05*	0.04	*0.01*
USA, Connecticut	70	**0.5**	*0.07*	0.07	*0.01*	57	**0.4**	*0.05*	0.05	*0.01*
USA, Connecticut: Black	2	**0.3**	*0.22*	0.04	*0.03*	2	**0.2**	*0.14*	0.03	*0.03*
USA, Connecticut: White	66	**0.5**	*0.07*	0.07	*0.01*	55	**0.4**	*0.06*	0.05	*0.01*
USA, District of Columbia	4	**0.2**	*0.10*	0.03	*0.02*	10	**0.3**	*0.10*	0.04	*0.02*
USA, District of Columbia: Black	2	**0.2**	*0.12*	0.02	*0.02*	7	**0.3**	*0.14*	0.05	*0.02*
USA, District of Columbia: White	2	**0.3**	*0.23*	0.05	*0.05*	3	**0.2**	*0.11*	-	-
USA, Florida	526	**0.7**	*0.03*	0.08	*0.00*	359	**0.3**	*0.02*	0.04	*0.00*
USA, Florida: Black	18	**0.3**	*0.08*	0.04	*0.01*	13	**0.2**	*0.05*	0.02	*0.01*
USA, Florida: White	503	**0.7**	*0.04*	0.09	*0.01*	343	**0.4**	*0.02*	0.04	*0.00*
USA, Georgia	115	**0.5**	*0.05*	0.06	*0.01*	95	**0.3**	*0.03*	0.04	*0.01*
USA, Georgia: Black	15	**0.4**	*0.09*	0.03	*0.01*	12	**0.2**	*0.05*	0.02	*0.01*
USA, Georgia: White	98	**0.5**	*0.06*	0.07	*0.01*	82	**0.3**	*0.04*	0.04	*0.01*
USA, Georgia, Atlanta	34	**0.5**	*0.09*	0.07	*0.01*	26	**0.3**	*0.06*	0.04	*0.01*
USA, Georgia, Atlanta: Black	6	**0.4**	*0.18*	0.05	*0.02*	3	**0.1**	*0.08*	0.01	*0.01*
USA, Georgia, Atlanta: White	28	**0.6**	*0.11*	0.08	*0.02*	22	**0.4**	*0.08*	0.05	*0.01*
USA, Idaho	16	**0.3**	*0.09*	0.04	*0.01*	19	**0.4**	*0.10*	0.06	*0.02*
USA, Illinois	260	**0.6**	*0.04*	0.08	*0.01*	212	**0.4**	*0.03*	0.04	*0.00*
USA, Illinois: Black	11	**0.3**	*0.09*	0.03	*0.01*	8	**0.1**	*0.05*	0.01	*0.01*
USA, Illinois: White	246	**0.7**	*0.05*	0.09	*0.01*	198	**0.4**	*0.03*	0.05	*0.00*
USA, Indiana	181	**0.9**	*0.07*	0.12	*0.01*	177	**0.6**	*0.05*	0.08	*0.01*
USA, Iowa	63	**0.5**	*0.07*	0.06	*0.01*	60	**0.3**	*0.05*	0.05	*0.01*
USA, Kentucky	84	**0.6**	*0.07*	0.07	*0.01*	76	**0.4**	*0.05*	0.04	*0.01*
USA, Louisiana	100	**0.7**	*0.07*	0.08	*0.01*	61	**0.3**	*0.04*	0.02	*0.01*
USA, Louisiana: Black	17	**0.5**	*0.12*	0.04	*0.01*	9	**0.2**	*0.07*	0.03	*0.01*
USA, Louisiana: White	83	**0.8**	*0.09*	0.09	*0.01*	52	**0.3**	*0.04*	0.02	*0.01*
USA, Louisiana, New Orleans: Black	3	**0.3**	*0.16*	0.02	*0.02*	3	**0.2**	*0.13*	0.03	*0.02*
USA, Louisiana, New Orleans: White	17	**0.9**	*0.22*	0.11	*0.03*	11	**0.3**	*0.11*	0.05	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Renal pelvis (C65) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	43	**0.9**	*0.14*	0.12	*0.02*	29	**0.5**	*0.09*	0.06	*0.01*
USA, Massachusetts	136	**0.6**	*0.05*	0.07	*0.01*	150	**0.5**	*0.04*	0.06	*0.01*
USA, Michigan	223	**0.7**	*0.05*	0.08	*0.01*	166	**0.4**	*0.03*	0.04	*0.00*
USA, Michigan: Black	15	**0.4**	*0.11*	0.04	*0.01*	14	**0.3**	*0.09*	0.04	*0.01*
USA, Michigan: White	205	**0.7**	*0.05*	0.08	*0.01*	149	**0.4**	*0.03*	0.04	*0.01*
USA, Michigan, Detroit	81	**0.6**	*0.07*	0.07	*0.01*	84	**0.4**	*0.05*	0.05	*0.01*
USA, Michigan, Detroit: Black	9	**0.3**	*0.12*	0.04	*0.02*	13	**0.4**	*0.10*	0.04	*0.02*
USA, Michigan, Detroit: White	71	**0.6**	*0.08*	0.07	*0.01*	70	**0.5**	*0.06*	0.06	*0.01*
USA, Missouri	109	**0.6**	*0.06*	0.07	*0.01*	83	**0.3**	*0.03*	0.03	*0.00*
USA, Missouri: Black	5	**0.4**	*0.18*	0.06	*0.03*	2	**0.1**	*0.05*	0.01	*0.01*
USA, Missouri: White	103	**0.6**	*0.06*	0.07	*0.01*	81	**0.3**	*0.04*	0.03	*0.01*
USA, Montana	31	**0.8**	*0.15*	0.10	*0.02*	11	**0.2**	*0.07*	0.02	*0.01*
USA, NPCR	4799	**0.6**	*0.01*	0.07	*0.00*	3724	**0.3**	*0.01*	0.04	*0.00*
USA, NPCR: Black	203	**0.3**	*0.02*	0.04	*0.00*	173	**0.2**	*0.01*	0.02	*0.00*
USA, NPCR: White	4487	**0.6**	*0.01*	0.08	*0.00*	3463	**0.4**	*0.01*	0.04	*0.00*
USA, New Jersey	172	**0.6**	*0.05*	0.07	*0.01*	171	**0.4**	*0.03*	0.04	*0.00*
USA, New Jersey: Black	7	**0.2**	*0.09*	0.04	*0.02*	9	**0.2**	*0.07*	0.02	*0.01*
USA, New Jersey: White	163	**0.6**	*0.05*	0.07	*0.01*	161	**0.4**	*0.04*	0.05	*0.01*
USA, New Mexico	24	**0.4**	*0.08*	0.05	*0.01*	9	**0.1**	*0.05*	0.01	*0.01*
USA, New Mexico: American Indian	0	**-**	-	-	-	0	**-**	-	-	-
USA, New Mexico: Hispanic White	8	**0.4**	*0.14*	0.05	*0.03*	4	**0.2**	*0.11*	0.02	*0.01*
USA, New Mexico: Non-Hispanic White	15	**0.4**	*0.10*	0.05	*0.02*	4	**0.1**	*0.05*	0.01	*0.01*
USA, New York State	395	**0.6**	*0.03*	0.07	*0.00*	307	**0.3**	*0.02*	0.04	*0.00*
USA, New York State: Black	19	**0.3**	*0.07*	0.04	*0.01*	23	**0.2**	*0.04*	0.02	*0.01*
USA, New York State: White	362	**0.6**	*0.03*	0.08	*0.01*	278	**0.4**	*0.02*	0.04	*0.00*
USA, Ohio	177	**0.4**	*0.03*	0.05	*0.01*	171	**0.3**	*0.03*	0.04	*0.00*
USA, Ohio: Black	9	**0.3**	*0.09*	0.03	*0.01*	7	**0.1**	*0.06*	0.02	*0.01*
USA, Ohio: White	162	**0.4**	*0.04*	0.06	*0.01*	161	**0.3**	*0.03*	0.04	*0.00*
USA, Oklahoma	57	**0.5**	*0.06*	0.06	*0.01*	45	**0.3**	*0.04*	0.04	*0.01*
USA, Oregon	81	**0.6**	*0.07*	0.07	*0.01*	67	**0.4**	*0.06*	0.05	*0.01*
USA, Pennsylvania	383	**0.8**	*0.04*	0.09	*0.01*	280	**0.4**	*0.03*	0.05	*0.00*
USA, Pennsylvania: Black	11	**0.4**	*0.11*	0.05	*0.02*	9	**0.2**	*0.06*	0.01	*0.01*
USA, Pennsylvania: White	367	**0.8**	*0.04*	0.09	*0.01*	267	**0.4**	*0.03*	0.05	*0.00*
USA, Rhode Island	29	**0.7**	*0.13*	0.09	*0.02*	25	**0.6**	*0.13*	0.07	*0.02*
USA, SEER (9 Registries)	478	**0.5**	*0.03*	0.06	*0.00*	383	**0.3**	*0.02*	0.04	*0.00*
USA, SEER (9 Registries): Black	27	**0.4**	*0.09*	0.06	*0.01*	25	**0.3**	*0.05*	0.03	*0.01*
USA, SEER (9 Registries): White	407	**0.5**	*0.03*	0.06	*0.00*	336	**0.3**	*0.02*	0.04	*0.00*
USA, SEER (14 Registries)	1372	**0.6**	*0.02*	0.07	*0.00*	1101	**0.3**	*0.01*	0.04	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	65	**0.4**	*0.05*	0.05	*0.01*	43	**0.2**	*0.03*	0.02	*0.00*
USA, SEER (14 Registries): Black	69	**0.4**	*0.05*	0.05	*0.01*	60	**0.2**	*0.03*	0.03	*0.00*
USA, SEER (14 Registries): Hispanic White	114	**0.5**	*0.05*	0.06	*0.01*	70	**0.3**	*0.03*	0.03	*0.00*
USA, SEER (14 Registries): Non-Hispanic White	1119	**0.6**	*0.02*	0.07	*0.00*	925	**0.4**	*0.01*	0.04	*0.00*
USA, South Carolina	69	**0.5**	*0.06*	0.06	*0.01*	58	**0.3**	*0.04*	0.04	*0.01*
USA, South Carolina: Black	7	**0.3**	*0.10*	0.03	*0.02*	7	**0.2**	*0.06*	0.02	*0.01*
USA, South Carolina: White	60	**0.6**	*0.07*	0.07	*0.01*	51	**0.4**	*0.06*	0.04	*0.01*
USA, Texas	296	**0.5**	*0.03*	0.06	*0.00*	226	**0.3**	*0.02*	0.03	*0.00*
USA, Texas: Black	15	**0.3**	*0.08*	0.04	*0.01*	11	**0.1**	*0.04*	0.02	*0.01*
USA, Texas: White	279	**0.5**	*0.03*	0.06	*0.00*	207	**0.3**	*0.02*	0.03	*0.00*
USA, Utah	24	**0.4**	*0.09*	0.05	*0.01*	11	**0.2**	*0.06*	0.03	*0.01*
USA, Vermont	11	**0.5**	*0.15*	0.05	*0.02*	9	**0.2**	*0.09*	0.02	*0.01*
USA, Washington State	157	**0.8**	*0.06*	0.09	*0.01*	111	**0.4**	*0.04*	0.05	*0.01*
USA, Washington, Seattle	85	**0.6**	*0.07*	0.08	*0.01*	73	**0.4**	*0.05*	0.03	*0.01*
USA, West Virginia	51	**0.7**	*0.10*	0.08	*0.01*	42	**0.4**	*0.07*	0.06	*0.01*
USA, Wisconsin	116	**0.6**	*0.06*	0.07	*0.01*	90	**0.3**	*0.04*	0.04	*0.01*
Asia										
Bahrain: Bahraini	0	**-**	-	-	-	0	**-**	-	-	-
China, Guangzhou City	24	**0.5**	*0.10*	0.06	*0.01*	12	**0.2**	*0.05*	0.01	*0.01**
China, Hong Kong										
China, Jiashan	3	**0.2**	*0.12*	0.02	*0.02*	1	**0.1**	*0.10*	0.01	*0.01**
China, Nangang District, Harbin City	0	**-**	-	-	-	0	**-**	-	-	-
China, Shanghai	103	**0.4**	*0.04*	0.05	*0.01*	67	**0.2**	*0.03*	0.03	*0.00**
China, Zhongshan	6	**0.2**	*0.08*	0.02	*0.01*	3	**0.1**	*0.05*	0.01	*0.01**
Cyprus	6	**0.3**	*0.12*	0.04	*0.02*	1	**0.0**	*0.03*	0.01	*0.01**
India, Chennai (Madras)	2	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.01*	-	-
India, New Delhi	8	**0.0**	*0.01*	0.01	*0.00*	3	**0.0**	*0.01*	0.00	*0.00**
India, Karunagappally	0	**-**	-	-	-	0	**-**	-	-	-
India, Mumbai (Bombay)	0	**-**	-	-	-	2	**0.0**	*0.01*	0.00	*0.00*
India, Nagpur	0	**-**	-	-	-	0	**-**	-	-	- *
India, Poona	1	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.01*	0.00	*0.00**
India, Trivandrum	1	**0.0**	*0.04*	0.01	*0.01*	1	**0.0**	*0.04*	0.00	*0.00**
Israel	110	**0.7**	*0.07*	0.08	*0.01*	52	**0.2**	*0.03*	0.03	*0.00*
Israel: Jews	94	**0.6**	*0.07*	0.07	*0.01*	50	**0.2**	*0.04*	0.03	*0.01*
Israel: Non-Jews	13	**0.9**	*0.26*	0.10	*0.03*	1	**0.1**	*0.07*	0.02	*0.02*
Japan, Aichi Prefecture	46	**1.1**	*0.17*	0.13	*0.02*	19	**0.4**	*0.10*	0.05	*0.01*
Japan, Fukui Prefecture	32	**0.8**	*0.16*	0.09	*0.02*	18	**0.2**	*0.06*	0.02	*0.01*
Japan, Hiroshima	66	**1.5**	*0.18*	0.16	*0.03*	30	**0.5**	*0.10*	0.06	*0.01*
Japan, Miyagi Prefecture	124	**1.1**	*0.10*	0.14	*0.02*	49	**0.3**	*0.05*	0.04	*0.01*
Japan, Nagasaki Prefecture	99	**1.2**	*0.13*	0.15	*0.02*	43	**0.3**	*0.05*	0.03	*0.01*
Japan, Osaka Prefecture	323	**0.8**	*0.05*	0.10	*0.01*	125	**0.2**	*0.02*	0.03	*0.00*
Japan, Yamagata Prefecture	50	**0.8**	*0.12*	0.09	*0.02*	25	**0.3**	*0.07*	0.03	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Renal pelvis (C65) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	522	**0.6**	*0.03*	0.08	*0.00*	156	**0.1**	*0.01*	0.02	*0.00*
Korea, Busan	49	**0.6**	*0.10*	0.08	*0.01*	14	**0.1**	*0.04*	0.02	*0.01*
Korea, Daegu	13	**0.3**	*0.07*	0.03	*0.01*	4	**0.1**	*0.03*	0.01	*0.00*
Korea, Daejeon	19	**0.8**	*0.19*	0.11	*0.03*	3	**0.1**	*0.06*	0.01	*0.01*
Korea, Gwangju	29	**1.2**	*0.24*	0.17	*0.04*	8	**0.2**	*0.09*	0.03	*0.01*
Korea, Incheon	25	**0.5**	*0.11*	0.08	*0.02*	7	**0.1**	*0.04*	0.01	*0.00*
Korea, Jejudo	6	**0.8**	*0.34*	0.09	*0.04*	2	**0.1**	*0.11*	0.02	*0.02*
Korea, Seoul	164	**0.8**	*0.07*	0.11	*0.01*	51	**0.2**	*0.03*	0.03	*0.00*
Korea, Ulsan	6	**0.4**	*0.18*	0.03	*0.02*	4	**0.2**	*0.12*	0.04	*0.02*
Kuwait: Kuwaitis	4	**0.4**	*0.21*	0.04	*0.03*	0	**-**	-	-	-
Kuwait: Non-Kuwaitis	1	**0.0**	*0.01*	0.00	*0.00*	0	**-**	-	-	-
Malaysia, Penang	8	**0.4**	*0.16*	0.07	*0.03*	4	**0.2**	*0.11*	0.04	*0.02*
Malaysia, Sarawak	0	**-**	-	-	-	2	**0.1**	*0.04*	0.01	*0.01*
Oman: Omani	1	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	-	- *
Pakistan, South Karachi	1	**0.0**	*0.05*	0.01	*0.01*	0	**-**	-	-	- *
Philippines, Manila	1	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.01*	0.00	*0.00**
Singapore	34	**0.4**	*0.08*	0.05	*0.01*	20	**0.2**	*0.04*	0.01	*0.01*
Singapore: Chinese	31	**0.5**	*0.09*	0.06	*0.01*	19	**0.2**	*0.05*	0.02	*0.01*
Singapore: Indian	2	**0.3**	*0.22*	0.03	*0.03*	1	**0.2**	*0.21*	-	-
Singapore: Malay	1	**0.1**	*0.10*	0.03	*0.03*	0	**-**	-	-	-
Thailand, Chiang Mai	6	**0.2**	*0.06*	0.02	*0.01*	1	**0.0**	*0.03*	0.00	*0.00**
Thailand, Lampang	17	**0.8**	*0.19*	0.09	*0.02*	5	**0.2**	*0.09*	0.02	*0.01**
Thailand, Songkhla	4	**0.2**	*0.08*	0.02	*0.01*	1	**0.0**	*0.03*	0.01	*0.01*
Turkey, Antalya	7	**0.3**	*0.10*	0.04	*0.01*	5	**0.2**	*0.08*	0.02	*0.01**
Turkey, Izmir	26	**0.3**	*0.06*	0.04	*0.01*	10	**0.1**	*0.04*	0.02	*0.01**
Europe										
Austria	172	**0.5**	*0.04*	0.07	*0.01*	134	**0.3**	*0.03*	0.03	*0.00*
Austria, Tyrol	14	**0.5**	*0.15*	0.06	*0.02*	9	**0.2**	*0.08*	0.02	*0.01*
Austria, Vorarlberg	5	**0.4**	*0.19*	0.06	*0.03*	4	**0.2**	*0.10*	0.01	*0.01*
Belarus	44	**0.1**	*0.02*	0.02	*0.00*	16	**0.0**	*0.01*	0.00	*0.00**
Belgium, Antwerp	73	**1.0**	*0.13*	0.11	*0.02*	36	**0.3**	*0.06*	0.05	*0.01**
Belgium, Flanders	202	**0.9**	*0.07*	0.12	*0.01*	96	**0.3**	*0.04*	0.05	*0.01*
Bulgaria	84	**0.3**	*0.03*	0.03	*0.00*	40	**0.1**	*0.02*	0.01	*0.00**
Croatia	31	**0.2**	*0.04*	0.03	*0.00*	28	**0.1**	*0.03*	0.02	*0.00*
Czech Republic	312	**0.9**	*0.05*	0.11	*0.01*	286	**0.6**	*0.04*	0.07	*0.01*
Denmark	254	**1.2**	*0.08*	0.15	*0.01*	215	**0.8**	*0.06*	0.10	*0.01*
Estonia	22	**0.5**	*0.11*	0.06	*0.01*	9	**0.1**	*0.04*	0.02	*0.01*
Finland	126	**0.6**	*0.06*	0.08	*0.01*	84	**0.3**	*0.04*	0.03	*0.00*
France, Bas-Rhin	23	**0.7**	*0.14*	0.08	*0.02*	19	**0.4**	*0.09*	0.04	*0.01*
France, Calvados	17	**0.7**	*0.19*	0.10	*0.03*	5	**0.1**	*0.07*	0.02	*0.01*
France, Doubs	10	**0.5**	*0.16*	0.05	*0.02*	6	**0.2**	*0.08*	0.01	*0.01*
France, Haut-Rhin	20	**0.7**	*0.17*	0.10	*0.03*	10	**0.3**	*0.10*	0.04	*0.02*
France, Herault	37	**0.9**	*0.16*	0.12	*0.02*	18	**0.2**	*0.06*	0.03	*0.01*
France, Isere	29	**0.7**	*0.13*	0.08	*0.02*	9	**0.1**	*0.05*	0.02	*0.01*
France, Loire-Atlantique	6	**0.1**	*0.06*	0.02	*0.01*	7	**0.1**	*0.05*	0.01	*0.01*
France, Manche	14	**0.7**	*0.20*	0.08	*0.03*	4	**0.2**	*0.10*	0.02	*0.01*
France, Somme	24	**1.2**	*0.25*	0.15	*0.04*	9	**0.2**	*0.08*	0.01	*0.01*
France, Tarn	10	**0.6**	*0.19*	0.08	*0.03*	8	**0.5**	*0.19*	0.07	*0.03*
France, Vendee	5	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	-	-
Germany, Brandenburg	74	**0.7**	*0.08*	0.08	*0.01*	74	**0.5**	*0.06*	0.06	*0.01*
Germany, Free State of Saxony	130	**0.6**	*0.06*	0.08	*0.01*	104	**0.3**	*0.04*	0.05	*0.01*
Germany, Hamburg	65	**0.9**	*0.11*	0.12	*0.02*	59	**0.5**	*0.08*	0.07	*0.01*
Germany, Mecklenburg-Western Pomerania	54	**0.8**	*0.11*	0.08	*0.01*	63	**0.7**	*0.09*	0.09	*0.01*
Germany, Munich	79	**0.8**	*0.09*	0.09	*0.01*	60	**0.5**	*0.07*	0.06	*0.01*
Germany, Northrhine-Westphalia: Munster	102	**1.0**	*0.10*	0.12	*0.01*	72	**0.5**	*0.06*	0.05	*0.01*
Germany, Saarland	41	**0.8**	*0.13*	0.11	*0.02*	26	**0.4**	*0.09*	0.04	*0.01*
Iceland	11	**0.9**	*0.29*	0.04	*0.03*	10	**0.7**	*0.25*	0.12	*0.05*
Ireland	25	**0.2**	*0.04*	0.03	*0.01*	10	**0.1**	*0.02*	0.01	*0.00*
Italy, Biella Province	7	**0.6**	*0.23*	0.08	*0.04*	7	**0.2**	*0.10*	0.02	*0.02*
Italy, Brescia Province	16	**0.7**	*0.17*	0.10	*0.03*	8	**0.2**	*0.09*	0.04	*0.02*
Italy, Ferrara Province	29	**1.5**	*0.29*	0.20	*0.04*	16	**0.6**	*0.16*	0.07	*0.02*
Italy, Florence and Prato	27	**0.4**	*0.09*	0.05	*0.01*	19	**0.2**	*0.06*	0.03	*0.01*
Italy, Genoa Province	31	**1.0**	*0.18*	0.13	*0.03*	22	**0.3**	*0.09*	0.03	*0.01*
Italy, Macerata Province	2	**0.2**	*0.16*	0.04	*0.03*	0	**-**	-	-	-
Italy, Milan	59	**1.1**	*0.15*	0.15	*0.02*	26	**0.3**	*0.07*	0.04	*0.01*
Italy, Modena Province	19	**0.6**	*0.15*	0.08	*0.02*	5	**0.1**	*0.07*	0.02	*0.01*
Italy, Naples	0	**-**	-	-	-	0	**-**	-	-	-
Italy, North East Cancer Surveillance Network	51	**0.5**	*0.07*	0.06	*0.01*	25	**0.2**	*0.04*	0.02	*0.01*
Italy, Parma Province	31	**1.5**	*0.28*	0.21	*0.04*	7	**0.2**	*0.11*	0.03	*0.02*
Italy, Ragusa Province	7	**0.6**	*0.25*	0.07	*0.03*	3	**0.2**	*0.12*	0.03	*0.02*
Italy, Reggio Emilia Province	8	**0.3**	*0.12*	0.04	*0.02*	8	**0.3**	*0.11*	0.04	*0.02*
Italy, Romagna Region	53	**1.0**	*0.14*	0.13	*0.02*	26	**0.3**	*0.07*	0.04	*0.01*
Italy, Salerno Province	7	**0.2**	*0.08*	0.02	*0.01*	5	**0.1**	*0.06*	0.01	*0.01*
Italy, Sassari Province	15	**0.8**	*0.21*	0.12	*0.03*	6	**0.2**	*0.10*	0.03	*0.02*
Italy, Syracuse Province	12	**1.0**	*0.31*	0.12	*0.04*	3	**0.1**	*0.07*	0.01	*0.01*
Italy, Sondrio	7	**0.8**	*0.29*	0.08	*0.05*	3	**0.4**	*0.24*	0.04	*0.03*
Italy, Torino	47	**1.0**	*0.14*	0.12	*0.02*	30	**0.4**	*0.08*	0.06	*0.01*
Italy, Umbria Region	31	**0.6**	*0.11*	0.07	*0.02*	14	**0.4**	*0.12*	0.04	*0.01*
Italy, Varese Province	19	**0.8**	*0.19*	0.09	*0.03*	5	**0.2**	*0.09*	0.03	*0.01*
Italy, Veneto Region	53	**0.7**	*0.10*	0.10	*0.02*	33	**0.4**	*0.07*	0.05	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Renal pelvis (C65) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	19	**0.2**	*0.06*	0.03	*0.01*	6	**0.1**	*0.02*	0.01	*0.00*
Lithuania	31	**0.3**	*0.05*	0.04	*0.01*	25	**0.1**	*0.03*	0.02	*0.00*
Malta	3	**0.2**	*0.12*	0.03	*0.02*	1	**0.1**	*0.05*	0.01	*0.01*
Norway	84	**0.4**	*0.05*	0.05	*0.01*	67	**0.3**	*0.04*	0.03	*0.01*
Poland, Cracow	33	**1.4**	*0.25*	0.18	*0.03*	28	**0.8**	*0.16*	0.10	*0.02**
Poland, Kielce	20	**0.5**	*0.11*	0.06	*0.02*	8	**0.2**	*0.06*	0.02	*0.01*
Poland, Warsaw City	25	**0.4**	*0.08*	0.06	*0.01*	24	**0.3**	*0.06*	0.03	*0.01*
Portugal, Porto	23	**0.2**	*0.04*	0.03	*0.01*	8	**0.1**	*0.02*	0.01	*0.00**
Portugal, South Regional	35	**0.3**	*0.05*	0.04	*0.01*	20	**0.1**	*0.03*	0.01	*0.00*
Russia, St Petersburg	42	**0.3**	*0.05*	0.04	*0.01*	22	**0.1**	*0.02*	0.01	*0.00*
Serbia	80	**0.4**	*0.05*	0.05	*0.01*	73	**0.3**	*0.05*	0.03	*0.01*
Slovak Republic	100	**0.6**	*0.06*	0.08	*0.01*	113	**0.5**	*0.05*	0.06	*0.01*
Slovenia	35	**0.5**	*0.09*	0.06	*0.01*	35	**0.3**	*0.06*	0.04	*0.01*
Spain, Albacete	5	**0.4**	*0.22*	0.06	*0.03*	3	**0.2**	*0.12*	0.01	*0.01*
Spain, Asturias	39	**0.7**	*0.12*	0.08	*0.02*	19	**0.3**	*0.07*	0.03	*0.01*
Spain, Basque Country	73	**1.0**	*0.12*	0.13	*0.02*	24	**0.2**	*0.06*	0.03	*0.01*
Spain, Canary Islands	45	**0.9**	*0.14*	0.13	*0.02*	15	**0.2**	*0.06*	0.04	*0.01*
Spain, Cuenca	3	**0.3**	*0.17*	0.03	*0.02*	5	**0.3**	*0.15*	0.03	*0.02*
Spain, Girona	23	**1.1**	*0.24*	0.13	*0.03*	9	**0.3**	*0.12*	0.03	*0.02*
Spain, Granada	41	**1.3**	*0.22*	0.17	*0.03*	12	**0.2**	*0.07*	0.03	*0.01*
Spain, Murcia	40	**1.0**	*0.16*	0.13	*0.02*	13	**0.2**	*0.07*	0.03	*0.01*
Spain, Navarra	33	**1.2**	*0.22*	0.18	*0.04*	7	**0.2**	*0.08*	0.02	*0.01*
Spain, Tarragona	22	**1.0**	*0.24*	0.12	*0.03*	6	**0.2**	*0.10*	0.03	*0.02*
Spain, Zaragoza	18	**0.5**	*0.12*	0.07	*0.02*	8	**0.1**	*0.05*	0.01	*0.01*
Sweden	275	**0.7**	*0.04*	0.09	*0.01*	214	**0.4**	*0.03*	0.05	*0.00*
Switzerland, Geneva	14	**0.7**	*0.20*	0.07	*0.03*	2	**0.1**	*0.05*	0.01	*0.01*
Switzerland, Graubunden and Glarus	12	**1.4**	*0.43*	0.20	*0.07*	5	**0.3**	*0.15*	0.02	*0.02*
Switzerland, Neuchatel	2	**0.4**	*0.28*	0.06	*0.04*	5	**0.6**	*0.30*	0.10	*0.05*
Switzerland, St Gall-Appenzell	14	**0.7**	*0.19*	0.08	*0.03*	13	**0.5**	*0.15*	0.06	*0.02*
Switzerland, Ticino	8	**0.5**	*0.20*	0.05	*0.03*	2	**0.1**	*0.07*	0.01	*0.01*
Switzerland, Valais	10	**0.9**	*0.29*	0.09	*0.04*	3	**0.1**	*0.08*	0.02	*0.02*
Switzerland, Vaud	18	**0.7**	*0.17*	0.07	*0.02*	16	**0.4**	*0.13*	0.06	*0.02*
The Netherlands	492	**0.8**	*0.04*	0.10	*0.01*	322	**0.4**	*0.03*	0.05	*0.00*
The Netherlands, Eindhoven	31	**0.8**	*0.15*	0.12	*0.03*	20	**0.5**	*0.11*	0.06	*0.02*
The Netherlands, Maastricht	30	**0.8**	*0.15*	0.09	*0.02*	27	**0.5**	*0.11*	0.05	*0.02*
UK, East of England Region	74	**0.6**	*0.07*	0.07	*0.01*	41	**0.2**	*0.04*	0.03	*0.01*
UK, England, Merseyside and Cheshire	37	**0.4**	*0.06*	0.04	*0.01*	31	**0.2**	*0.05*	0.03	*0.01*
UK, England, North Western	100	**0.6**	*0.06*	0.07	*0.01*	81	**0.4**	*0.05*	0.04	*0.01*
UK, England, Northern and Yorkshire	216	**0.8**	*0.06*	0.10	*0.01*	135	**0.4**	*0.04*	0.05	*0.01*
UK, England, Oxford Region	61	**0.6**	*0.08*	0.08	*0.01*	46	**0.3**	*0.06*	0.04	*0.01*
UK, England, South and Western Regions	116	**0.4**	*0.04*	0.05	*0.01*	84	**0.2**	*0.03*	0.03	*0.00*
UK, England, Thames	124	**0.2**	*0.02*	0.03	*0.00*	95	**0.1**	*0.02*	0.02	*0.00*
UK, England, Trent	89	**0.5**	*0.05*	0.06	*0.01*	61	**0.2**	*0.03*	0.03	*0.00*
UK, England, West Midlands	128	**0.6**	*0.05*	0.08	*0.01*	74	**0.3**	*0.03*	0.03	*0.00*
UK, Northern Ireland	26	**0.5**	*0.09*	0.05	*0.01*	7	**0.1**	*0.04*	0.01	*0.01*
UK, Scotland	82	**0.4**	*0.05*	0.05	*0.01*	68	**0.2**	*0.03*	0.03	*0.00*
Oceania										
Australia, New South Wales	214	**0.9**	*0.06*	0.10	*0.01*	296	**0.9**	*0.06*	0.12	*0.01*
Australia, Northern Territory	3	**0.8**	*0.50*	0.05	*0.04*	4	**1.2**	*0.64*	0.11	*0.08*
Australia, Queensland	100	**0.8**	*0.08*	0.11	*0.01*	144	**0.9**	*0.08*	0.12	*0.01*
Australia, South	40	**0.6**	*0.10*	0.07	*0.01*	36	**0.5**	*0.08*	0.06	*0.01*
Australia, Tasmania	16	**0.9**	*0.23*	0.11	*0.03*	6	**0.2**	*0.09*	0.01	*0.01*
Australia, Victoria	110	**0.6**	*0.06*	0.08	*0.01*	89	**0.4**	*0.05*	0.05	*0.01*
Australia, Western	28	**0.4**	*0.09*	0.05	*0.01*	39	**0.6**	*0.10*	0.08	*0.02*
Australian Capital Territory	5	**0.5**	*0.25*	0.07	*0.04*	6	**0.6**	*0.24*	0.07	*0.04*
French Polynesia	1	**0.2**	*0.20*	0.02	*0.02*	1	**0.3**	*0.27*	-	-
New Zealand	57	**0.4**	*0.06*	0.05	*0.01*	41	**0.2**	*0.04*	0.03	*0.01*
USA, Hawaii	29	**0.6**	*0.12*	0.08	*0.02*	12	**0.2**	*0.06*	0.02	*0.01*
USA, Hawaii: Chinese	2	**0.5**	*0.38*	0.06	*0.06*	0	**-**	-	-	-
USA, Hawaii: Filipino	1	**0.1**	*0.14*	0.03	*0.03*	1	**0.1**	*0.08*	-	-
USA, Hawaii: Hawaiian	2	**0.5**	*0.36*	0.06	*0.06*	0	**-**	-	-	-
USA, Hawaii: Japanese	16	**1.2**	*0.35*	0.18	*0.05*	7	**0.3**	*0.12*	0.04	*0.02*
USA, Hawaii: White	7	**0.4**	*0.18*	0.04	*0.03*	3	**0.2**	*0.14*	0.02	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Ureter (C66)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	0	-	-	-	-	0	-	-	-	- *
Egypt, Gharbiah	11	**0.3**	*0.08*	-	-	3	**0.1**	*0.04*	-	-
Tunisia, Centre, Sousse	3	**0.3**	*0.19*	-	-	1	**0.1**	*0.12*	-	- *
Uganda, Kyadondo County	2	**0.3**	*0.24*	-	-	0	-	-	-	- *
Zimbabwe, Harare: African	0	-	-	-	-	0	-	-	-	- *
America, Central and South										
Argentina, Bahia Blanca	1	**0.1**	*0.10*	0.03	*0.03*	0	-	-	-	-
Brazil, Brasilia	2	**0.1**	*0.09*	0.03	*0.02*	5	**0.2**	*0.10*	0.03	*0.02*
Brazil, Cuiaba	0	-	-	-	-	0	-	-	-	-
Brazil, Goiania	1	**0.1**	*0.09*	0.02	*0.02*	1	**0.1**	*0.07*	0.01	*0.01*
Brazil, Sao Paulo	30	**0.1**	*0.03*	0.02	*0.00*	10	**0.0**	*0.01*	0.00	*0.00*
Chile, Valdivia	2	**0.2**	*0.15*	0.03	*0.03*	0	-	-	-	-
Colombia, Cali	1	**0.0**	*0.04*	0.00	*0.00*	1	**0.0**	*0.02*	-	-
Costa Rica	1	**0.0**	*0.01*	0.00	*0.00*	3	**0.0**	*0.02*	0.01	*0.00*
Ecuador, Quito	0	-	-	-	-	0	-	-	-	-
France, La Martinique	4	**0.3**	*0.15*	0.02	*0.02*	0	-	-	-	-
Peru, Trujillo	0	-	-	-	-	1	**0.1**	*0.10*	0.01	*0.01* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	331	**0.4**	*0.02*	0.04	*0.00*	199	**0.2**	*0.01*	0.02	*0.00*
Canada, Alberta	27	**0.3**	*0.05*	0.02	*0.01*	22	**0.2**	*0.04*	0.02	*0.01*
Canada, British Columbia	80	**0.5**	*0.06*	0.05	*0.01*	39	**0.2**	*0.03*	0.02	*0.01*
Canada, Manitoba	26	**0.6**	*0.13*	0.08	*0.02*	8	**0.2**	*0.07*	0.02	*0.01*
Canada, New Brunswick	7	**0.2**	*0.08*	0.01	*0.01*	8	**0.2**	*0.09*	0.03	*0.01*
Canada, Newfoundland and Labrador	10	**0.5**	*0.18*	0.06	*0.03*	3	**0.1**	*0.06*	0.01	*0.01*
Canada, Northwest Territories	0	-	-	-	-	0	-	-	-	-
Canada, Nova Scotia	30	**0.8**	*0.16*	0.11	*0.03*	15	**0.3**	*0.09*	0.06	*0.02*
Canada, Ontario	134	**0.3**	*0.03*	0.04	*0.00*	91	**0.2**	*0.02*	0.02	*0.00*
Canada, Prince Edward Island	1	**0.2**	*0.24*	0.04	*0.04*	2	**0.2**	*0.11*	-	-
Canada, Saskatchewan	16	**0.4**	*0.12*	0.04	*0.01*	11	**0.2**	*0.07*	0.03	*0.01*
USA, Alabama	74	**0.5**	*0.06*	0.06	*0.01*	39	**0.2**	*0.03*	0.03	*0.01*
USA, Alabama: Black	4	**0.1**	*0.07*	0.02	*0.01*	2	**0.1**	*0.05*	0.01	*0.01*
USA, Alabama: White	69	**0.6**	*0.07*	0.07	*0.01*	36	**0.2**	*0.04*	0.03	*0.01*
USA, Alaska	4	**0.3**	*0.17*	0.08	*0.04*	2	**0.1**	*0.10*	0.03	*0.02*
USA, Arizona	92	**0.5**	*0.05*	0.06	*0.01*	62	**0.2**	*0.03*	0.03	*0.01*
USA, California	327	**0.3**	*0.02*	0.03	*0.00*	240	**0.2**	*0.01*	0.02	*0.00*
USA, California: Asian and Pacific Islander	32	**0.3**	*0.05*	0.03	*0.01*	20	**0.1**	*0.03*	0.01	*0.00*
USA, California: Black	6	**0.1**	*0.05*	0.01	*0.01*	12	**0.1**	*0.05*	0.02	*0.01*
USA, California: Hispanic White	29	**0.2**	*0.04*	0.02	*0.00*	21	**0.1**	*0.02*	0.01	*0.00*
USA, California: Non-Hispanic White	257	**0.3**	*0.02*	0.04	*0.00*	185	**0.2**	*0.01*	0.02	*0.00*
USA, California, Greater San Francisco Bay Area	65	**0.3**	*0.04*	0.03	*0.01*	44	**0.1**	*0.02*	0.01	*0.00*
USA, California, Greater San Francisco Bay Area: Black	2	**0.2**	*0.12*	0.01	*0.01*	3	**0.2**	*0.11*	0.03	*0.02*
USA, California, Greater San Francisco Bay Area: Chinese	4	**0.2**	*0.12*	0.02	*0.02*	3	**0.1**	*0.07*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Filipino	0	-	-	-	-	0	-	-	-	-
USA, California, Greater San Francisco Bay Area: Japanese	0	-	-	-	-	3	**0.7**	*0.43*	0.05	*0.05*
USA, California, Greater San Francisco Bay Area: Hispanic White	2	**0.1**	*0.08*	0.02	*0.01*	2	**0.1**	*0.04*	-	-
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	51	**0.4**	*0.05*	0.04	*0.01*	32	**0.1**	*0.03*	0.01	*0.00*
USA, California, Los Angeles County	70	**0.2**	*0.03*	0.03	*0.00*	52	**0.1**	*0.02*	0.01	*0.00*
USA, California, Los Angeles County: Black	2	**0.1**	*0.07*	0.01	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
USA, California, Los Angeles County: Chinese	5	**0.3**	*0.15*	0.04	*0.03*	4	**0.2**	*0.12*	0.04	*0.03*
USA, California, Los Angeles County: Filipino	1	**0.1**	*0.10*	-	-	1	**0.1**	*0.09*	0.02	*0.02*
USA, California, Los Angeles County: Japanese	2	**0.2**	*0.16*	0.04	*0.04*	2	**0.2**	*0.17*	0.03	*0.03*
USA, California, Los Angeles County: Korean	0	-	-	-	-	2	**0.3**	*0.20*	0.03	*0.03*
USA, California, Los Angeles County: Hispanic White	11	**0.2**	*0.06*	0.01	*0.01*	7	**0.1**	*0.03*	0.01	*0.00*
USA, California, Los Angeles County: Non-Hispanic White	49	**0.3**	*0.05*	0.04	*0.01*	32	**0.1**	*0.03*	0.02	*0.00*
USA, Colorado	69	**0.5**	*0.06*	0.06	*0.01*	40	**0.3**	*0.04*	0.03	*0.01*
USA, Connecticut	48	**0.4**	*0.06*	0.05	*0.01*	46	**0.3**	*0.04*	0.03	*0.01*
USA, Connecticut: Black	2	**0.4**	*0.25*	0.05	*0.04*	2	**0.2**	*0.15*	0.02	*0.02*
USA, Connecticut: White	46	**0.4**	*0.06*	0.05	*0.01*	43	**0.3**	*0.05*	0.03	*0.01*
USA, District of Columbia	4	**0.2**	*0.13*	0.03	*0.02*	2	**0.0**	*0.03*	-	-
USA, District of Columbia: Black	4	**0.4**	*0.20*	0.04	*0.03*	1	**0.0**	*0.03*	-	-
USA, District of Columbia: White	0	-	-	-	-	1	**0.0**	*0.04*	-	-
USA, Florida	382	**0.5**	*0.03*	0.05	*0.00*	237	**0.2**	*0.02*	0.03	*0.00*
USA, Florida: Black	5	**0.1**	*0.04*	0.01	*0.01*	7	**0.1**	*0.03*	0.01	*0.00*
USA, Florida: White	375	**0.5**	*0.03*	0.06	*0.00*	229	**0.2**	*0.02*	0.03	*0.00*
USA, Georgia	92	**0.4**	*0.04*	0.04	*0.01*	68	**0.2**	*0.02*	0.02	*0.00*
USA, Georgia: Black	9	**0.2**	*0.07*	0.02	*0.01*	7	**0.1**	*0.04*	0.02	*0.01*
USA, Georgia: White	82	**0.4**	*0.05*	0.05	*0.01*	60	**0.2**	*0.03*	0.02	*0.00*
USA, Georgia, Atlanta	15	**0.2**	*0.06*	0.02	*0.01*	19	**0.2**	*0.05*	0.02	*0.01*
USA, Georgia, Atlanta: Black	4	**0.3**	*0.14*	0.03	*0.02*	3	**0.1**	*0.08*	0.02	*0.02*
USA, Georgia, Atlanta: White	11	**0.2**	*0.07*	0.02	*0.01*	16	**0.2**	*0.06*	0.02	*0.01*
USA, Idaho	19	**0.4**	*0.10*	0.06	*0.02*	8	**0.1**	*0.04*	0.00	*0.00*
USA, Illinois	198	**0.5**	*0.03*	0.06	*0.01*	134	**0.2**	*0.02*	0.02	*0.00*
USA, Illinois: Black	9	**0.2**	*0.07*	0.02	*0.01*	5	**0.1**	*0.04*	0.01	*0.01*
USA, Illinois: White	186	**0.5**	*0.04*	0.06	*0.01*	127	**0.2**	*0.02*	0.03	*0.00*
USA, Indiana	87	**0.4**	*0.05*	0.05	*0.01*	69	**0.2**	*0.03*	0.03	*0.00*
USA, Iowa	38	**0.3**	*0.06*	0.05	*0.01*	30	**0.2**	*0.04*	0.02	*0.01*
USA, Kentucky	65	**0.4**	*0.06*	0.05	*0.01*	60	**0.3**	*0.04*	0.04	*0.01*
USA, Louisiana	84	**0.6**	*0.07*	0.08	*0.01*	41	**0.2**	*0.03*	0.02	*0.01*
USA, Louisiana: Black	8	**0.3**	*0.10*	0.04	*0.02*	5	**0.1**	*0.05*	0.02	*0.01*
USA, Louisiana: White	76	**0.7**	*0.08*	0.09	*0.01*	36	**0.2**	*0.04*	0.03	*0.01*
USA, Louisiana, New Orleans: Black	3	**0.3**	*0.21*	0.04	*0.03*	0	-	-	-	-
USA, Louisiana, New Orleans: White	14	**0.5**	*0.14*	0.05	*0.02*	9	**0.3**	*0.11*	0.03	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Ureter (C66) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	23	**0.4**	*0.10*	0.06	*0.02*	18	**0.3**	*0.07*	0.05	*0.01*
USA, Massachusetts	94	**0.4**	*0.04*	0.05	*0.01*	91	**0.2**	*0.03*	0.03	*0.00*
USA, Michigan	174	**0.5**	*0.04*	0.06	*0.01*	111	**0.2**	*0.02*	0.03	*0.00*
USA, Michigan: Black	8	**0.2**	*0.08*	0.02	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
USA, Michigan: White	164	**0.5**	*0.04*	0.06	*0.01*	106	**0.2**	*0.03*	0.03	*0.00*
USA, Michigan, Detroit	44	**0.3**	*0.05*	0.04	*0.01*	36	**0.2**	*0.03*	0.03	*0.01*
USA, Michigan, Detroit: Black	7	**0.3**	*0.11*	0.02	*0.01*	2	**0.1**	*0.05*	0.01	*0.01*
USA, Michigan, Detroit: White	37	**0.4**	*0.06*	0.05	*0.01*	34	**0.2**	*0.04*	0.03	*0.01*
USA, Missouri	95	**0.5**	*0.05*	0.05	*0.01*	73	**0.3**	*0.03*	0.04	*0.01*
USA, Missouri: Black	0	**-**	-	-	-	2	**0.1**	*0.08*	0.02	*0.02*
USA, Missouri: White	92	**0.5**	*0.05*	0.06	*0.01*	71	**0.3**	*0.04*	0.04	*0.01*
USA, Montana	18	**0.5**	*0.12*	0.06	*0.02*	12	**0.2**	*0.06*	0.01	*0.01*
USA, NPCR	3617	**0.5**	*0.01*	0.05	*0.00*	2410	**0.2**	*0.00*	0.03	*0.00*
USA, NPCR: Black	98	**0.2**	*0.02*	0.02	*0.00*	83	**0.1**	*0.01*	0.01	*0.00*
USA, NPCR: White	3425	**0.5**	*0.01*	0.06	*0.00*	2267	**0.2**	*0.01*	0.03	*0.00*
USA, New Jersey	142	**0.5**	*0.04*	0.06	*0.01*	89	**0.2**	*0.03*	0.02	*0.00*
USA, New Jersey: Black	3	**0.1**	*0.07*	0.02	*0.01*	2	**0.0**	*0.04*	0.00	*0.00*
USA, New Jersey: White	136	**0.5**	*0.05*	0.06	*0.01*	84	**0.2**	*0.03*	0.03	*0.00*
USA, New Mexico	19	**0.3**	*0.07*	0.04	*0.01*	19	**0.2**	*0.06*	0.03	*0.01*
USA, New Mexico: American Indian	1	**0.3**	*0.26*	0.03	*0.03*	0	**-**	-	-	-
USA, New Mexico: Hispanic White	4	**0.2**	*0.11*	0.05	*0.03*	4	**0.1**	*0.07*	0.01	*0.01*
USA, New Mexico: Non-Hispanic White	12	**0.3**	*0.09*	0.04	*0.01*	15	**0.3**	*0.10*	0.05	*0.02*
USA, New York State	306	**0.4**	*0.03*	0.05	*0.00*	201	**0.2**	*0.02*	0.03	*0.00*
USA, New York State: Black	6	**0.1**	*0.04*	0.01	*0.01*	7	**0.1**	*0.02*	0.01	*0.01*
USA, New York State: White	292	**0.5**	*0.03*	0.06	*0.00*	188	**0.2**	*0.02*	0.03	*0.00*
USA, Ohio	180	**0.4**	*0.04*	0.05	*0.01*	127	**0.2**	*0.02*	0.03	*0.00*
USA, Ohio: Black	3	**0.1**	*0.06*	0.01	*0.01*	5	**0.1**	*0.05*	0.01	*0.01*
USA, Ohio: White	176	**0.5**	*0.04*	0.06	*0.01*	122	**0.2**	*0.02*	0.03	*0.00*
USA, Oklahoma	61	**0.5**	*0.07*	0.06	*0.01*	38	**0.2**	*0.04*	0.03	*0.01*
USA, Oregon	54	**0.4**	*0.05*	0.04	*0.01*	43	**0.3**	*0.05*	0.03	*0.01*
USA, Pennsylvania	290	**0.6**	*0.04*	0.07	*0.01*	213	**0.3**	*0.02*	0.03	*0.00*
USA, Pennsylvania: Black	7	**0.2**	*0.09*	0.03	*0.01*	6	**0.1**	*0.05*	0.02	*0.01*
USA, Pennsylvania: White	279	**0.6**	*0.04*	0.07	*0.01*	205	**0.3**	*0.02*	0.03	*0.00*
USA, Rhode Island	18	**0.5**	*0.12*	0.06	*0.02*	15	**0.2**	*0.06*	0.02	*0.01*
USA, SEER (9 Registries)	285	**0.3**	*0.02*	0.04	*0.00*	228	**0.2**	*0.01*	0.02	*0.00*
USA, SEER (9 Registries): Black	17	**0.3**	*0.07*	0.03	*0.01*	10	**0.1**	*0.04*	0.02	*0.01*
USA, SEER (9 Registries): White	246	**0.3**	*0.02*	0.04	*0.00*	193	**0.2**	*0.01*	0.02	*0.00*
USA, SEER (14 Registries)	856	**0.3**	*0.01*	0.04	*0.00*	630	**0.2**	*0.01*	0.02	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	49	**0.3**	*0.04*	0.03	*0.01*	41	**0.2**	*0.03*	0.02	*0.00*
USA, SEER (14 Registries): Black	33	**0.2**	*0.03*	0.02	*0.00*	27	**0.1**	*0.02*	0.02	*0.00*
USA, SEER (14 Registries): Hispanic White	39	**0.2**	*0.03*	0.02	*0.01*	33	**0.1**	*0.02*	0.01	*0.00*
USA, SEER (14 Registries): Non-Hispanic White	730	**0.4**	*0.02*	0.05	*0.00*	525	**0.2**	*0.01*	0.02	*0.00*
USA, South Carolina	61	**0.4**	*0.06*	0.05	*0.01*	34	**0.2**	*0.03*	0.03	*0.01*
USA, South Carolina: Black	4	**0.1**	*0.06*	0.01	*0.01*	3	**0.1**	*0.03*	0.00	*0.00*
USA, South Carolina: White	55	**0.5**	*0.07*	0.06	*0.01*	31	**0.2**	*0.04*	0.04	*0.01*
USA, Texas	268	**0.4**	*0.03*	0.05	*0.00*	157	**0.2**	*0.02*	0.02	*0.00*
USA, Texas: Black	12	**0.2**	*0.07*	0.03	*0.01*	5	**0.1**	*0.03*	0.01	*0.01*
USA, Texas: White	250	**0.4**	*0.03*	0.06	*0.00*	146	**0.2**	*0.02*	0.02	*0.00*
USA, Utah	14	**0.2**	*0.05*	0.02	*0.01*	6	**0.1**	*0.04*	0.01	*0.00*
USA, Vermont	6	**0.3**	*0.11*	0.02	*0.01*	3	**0.1**	*0.06*	0.01	*0.01*
USA, Washington State	96	**0.5**	*0.05*	0.06	*0.01*	48	**0.2**	*0.03*	0.02	*0.01*
USA, Washington, Seattle	41	**0.3**	*0.06*	0.05	*0.01*	28	**0.1**	*0.03*	0.02	*0.01*
USA, West Virginia	47	**0.7**	*0.10*	0.08	*0.02*	25	**0.2**	*0.05*	0.03	*0.01*
USA, Wisconsin	91	**0.4**	*0.05*	0.05	*0.01*	55	**0.2**	*0.03*	0.02	*0.00*
Asia										
Bahrain: Bahraini	0	**-**	-	-	-	0	**-**	-	-	-
China, Guangzhou City	6	**0.1**	*0.04*	0.01	*0.01*	11	**0.2**	*0.05*	0.02	*0.01**
China, Hong Kong										
China, Jiashan	0	**-**	-	-	-	1	**0.1**	*0.07*	0.01	*0.01**
China, Nangang District, Harbin City	1	**0.0**	*0.04*	0.01	*0.01*	0	**-**	-	-	-
China, Shanghai	63	**0.3**	*0.04*	0.04	*0.01*	76	**0.3**	*0.03*	0.03	*0.00**
China, Zhongshan	3	**0.1**	*0.07*	0.02	*0.01*	0	**-**	-	-	- *
Cyprus	1	**0.1**	*0.05*	0.00	*0.00*	1	**0.0**	*0.03*	0.01	*0.01**
India, Chennai (Madras)	2	**0.0**	*0.02*	0.00	*0.00*	4	**0.0**	*0.02*	0.00	*0.00*
India, New Delhi	5	**0.0**	*0.01*	0.00	*0.00*	3	**0.0**	*0.01*	0.00	*0.00**
India, Karunagappally	0	**-**	-	-	-	0	**-**	-	-	-
India, Mumbai (Bombay)	8	**0.0**	*0.01*	0.00	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
India, Nagpur	1	**0.0**	*0.03*	0.00	*0.00*	0	**-**	-	-	- *
India, Poona	1	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.02*	0.00	*0.00**
India, Trivandrum	1	**0.0**	*0.04*	0.01	*0.01*	0	**-**	-	-	- *
Israel	72	**0.4**	*0.05*	0.06	*0.01*	33	**0.2**	*0.03*	0.02	*0.00*
Israel: Jews	67	**0.4**	*0.06*	0.06	*0.01*	33	**0.2**	*0.03*	0.02	*0.00*
Israel: Non-Jews	3	**0.3**	*0.15*	0.04	*0.03*	0	**-**	-	-	-
Japan, Aichi Prefecture	26	**0.7**	*0.13*	0.09	*0.02*	15	**0.3**	*0.08*	0.03	*0.01*
Japan, Fukui Prefecture	45	**1.0**	*0.15*	0.12	*0.02*	21	**0.3**	*0.07*	0.04	*0.01*
Japan, Hiroshima	55	**1.3**	*0.17*	0.17	*0.03*	34	**0.5**	*0.10*	0.05	*0.01*
Japan, Miyagi Prefecture	102	**0.9**	*0.09*	0.12	*0.01*	58	**0.4**	*0.05*	0.04	*0.01*
Japan, Nagasaki Prefecture	75	**0.8**	*0.10*	0.09	*0.02*	51	**0.4**	*0.06*	0.04	*0.01*
Japan, Osaka Prefecture	281	**0.7**	*0.04*	0.08	*0.01*	161	**0.3**	*0.02*	0.03	*0.00*
Japan, Yamagata Prefecture	55	**0.8**	*0.11*	0.09	*0.02*	42	**0.4**	*0.07*	0.04	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors
Ureter (C66) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	438	**0.5**	*0.03*	0.07	*0.00*	235	**0.2**	*0.01*	0.03	*0.00*
Korea, Busan	44	**0.5**	*0.09*	0.07	*0.01*	26	**0.2**	*0.05*	0.03	*0.01*
Korea, Daegu	30	**0.6**	*0.11*	0.10	*0.02*	9	**0.1**	*0.04*	0.01	*0.01*
Korea, Daejeon	24	**1.0**	*0.20*	0.12	*0.03*	3	**0.1**	*0.06*	0.01	*0.01*
Korea, Gwangju	13	**0.6**	*0.16*	0.07	*0.03*	5	**0.1**	*0.07*	0.02	*0.01*
Korea, Incheon	24	**0.5**	*0.11*	0.07	*0.02*	10	**0.2**	*0.05*	0.03	*0.01*
Korea, Jejudo	1	**0.1**	*0.14*	0.02	*0.02*	3	**0.3**	*0.16*	0.03	*0.02*
Korea, Seoul	112	**0.6**	*0.06*	0.08	*0.01*	58	**0.2**	*0.03*	0.03	*0.01*
Korea, Ulsan	6	**0.4**	*0.19*	0.06	*0.03*	4	**0.3**	*0.14*	0.06	*0.03*
Kuwait: Kuwaitis	0	**-**	-	-	-	0	**-**	-	-	-
Kuwait: Non-Kuwaitis	0	**-**	-	-	-	0	**-**	-	-	-
Malaysia, Penang	2	**0.1**	*0.07*	0.00	*0.00*	0	**-**	-	-	-
Malaysia, Sarawak	4	**0.1**	*0.06*	0.01	*0.01*	4	**0.1**	*0.06*	0.02	*0.01*
Oman: Omani	1	**0.1**	*0.07*	0.01	*0.01*	1	**0.0**	*0.05*	0.00	*0.00**
Pakistan, South Karachi	1	**0.0**	*0.04*	0.01	*0.01*	0	**-**	-	-	- *
Philippines, Manila	3	**0.1**	*0.03*	0.01	*0.01*	4	**0.0**	*0.02*	0.00	*0.00**
Singapore	24	**0.3**	*0.06*	0.03	*0.01*	20	**0.2**	*0.05*	0.01	*0.00*
Singapore: Chinese	23	**0.4**	*0.08*	0.04	*0.01*	17	**0.2**	*0.05*	0.01	*0.01*
Singapore: Indian	0	**-**	-	-	-	0	**-**	-	-	-
Singapore: Malay	1	**0.1**	*0.06*	0.00	*0.01*	3	**0.4**	*0.22*	0.02	*0.02*
Thailand, Chiang Mai	3	**0.1**	*0.04*	0.01	*0.01*	0	**-**	-	-	- *
Thailand, Lampang	0	**-**	-	-	-	0	**-**	-	-	- *
Thailand, Songkhla	2	**0.1**	*0.06*	0.01	*0.01*	1	**0.0**	*0.03*	-	-
Turkey, Antalya	0	**-**	-	-	-	3	**0.1**	*0.07*	0.02	*0.01**
Turkey, Izmir	9	**0.1**	*0.05*	0.02	*0.01*	5	**0.1**	*0.03*	0.01	*0.00**
Europe										
Austria	128	**0.4**	*0.04*	0.05	*0.01*	90	**0.2**	*0.02*	0.02	*0.00*
Austria, Tyrol	5	**0.2**	*0.09*	0.02	*0.01*	6	**0.2**	*0.09*	0.03	*0.01*
Austria, Vorarlberg	3	**0.3**	*0.16*	0.02	*0.01*	5	**0.2**	*0.10*	0.03	*0.02*
Belarus	27	**0.1**	*0.02*	0.01	*0.00*	24	**0.0**	*0.01*	0.01	*0.00**
Belgium, Antwerp	47	**0.6**	*0.10*	0.06	*0.01*	27	**0.3**	*0.06*	0.04	*0.01**
Belgium, Flanders	121	**0.6**	*0.05*	0.07	*0.01*	65	**0.2**	*0.03*	0.03	*0.00*
Bulgaria	26	**0.1**	*0.02*	0.01	*0.00*	17	**0.0**	*0.01*	0.01	*0.00**
Croatia	36	**0.2**	*0.03*	0.03	*0.01*	47	**0.2**	*0.03*	0.02	*0.00*
Czech Republic	89	**0.2**	*0.03*	0.03	*0.00*	89	**0.2**	*0.02*	0.02	*0.00*
Denmark	130	**0.6**	*0.05*	0.08	*0.01*	67	**0.2**	*0.03*	0.03	*0.01*
Estonia	12	**0.3**	*0.08*	0.04	*0.01*	10	**0.1**	*0.04*	0.02	*0.01*
Finland	44	**0.2**	*0.03*	0.03	*0.01*	42	**0.1**	*0.02*	0.01	*0.00*
France, Bas-Rhin	16	**0.4**	*0.11*	0.05	*0.01*	14	**0.2**	*0.07*	0.02	*0.01*
France, Calvados	10	**0.4**	*0.14*	0.06	*0.02*	11	**0.3**	*0.09*	0.03	*0.01*
France, Doubs	6	**0.3**	*0.13*	0.04	*0.02*	2	**0.1**	*0.07*	0.01	*0.01*
France, Haut-Rhin	7	**0.3**	*0.10*	0.02	*0.01*	2	**0.1**	*0.05*	0.00	*0.00*
France, Herault	34	**0.8**	*0.14*	0.09	*0.02*	14	**0.3**	*0.08*	0.03	*0.01*
France, Isere	15	**0.4**	*0.10*	0.05	*0.01*	7	**0.1**	*0.05*	0.02	*0.01*
France, Loire-Atlantique	12	**0.3**	*0.09*	0.04	*0.01*	7	**0.1**	*0.06*	0.02	*0.01*
France, Manche	9	**0.3**	*0.10*	0.03	*0.01*	2	**0.0**	*0.03*	0.01	*0.01*
France, Somme	11	**0.5**	*0.14*	0.06	*0.02*	7	**0.2**	*0.09*	0.02	*0.01*
France, Tarn	13	**0.6**	*0.17*	0.09	*0.03*	6	**0.2**	*0.12*	0.02	*0.01*
France, Vendee	8	**0.4**	*0.14*	0.05	*0.02*	4	**0.1**	*0.06*	0.01	*0.01*
Germany, Brandenburg	43	**0.4**	*0.07*	0.05	*0.01*	23	**0.1**	*0.03*	0.02	*0.00*
Germany, Free State of Saxony	71	**0.3**	*0.04*	0.04	*0.01*	52	**0.1**	*0.02*	0.02	*0.00*
Germany, Hamburg	33	**0.4**	*0.07*	0.05	*0.01*	19	**0.1**	*0.04*	0.02	*0.01*
Germany, Mecklenburg-Western Pomerania	35	**0.5**	*0.09*	0.06	*0.01*	22	**0.2**	*0.04*	0.02	*0.01*
Germany, Munich	43	**0.4**	*0.07*	0.05	*0.01*	33	**0.2**	*0.04*	0.04	*0.01*
Germany, Northrhine-Westphalia: Munster	53	**0.5**	*0.07*	0.05	*0.01*	27	**0.2**	*0.03*	0.02	*0.01*
Germany, Saarland	24	**0.4**	*0.09*	0.04	*0.01*	17	**0.2**	*0.06*	0.02	*0.01*
Iceland	2	**0.2**	*0.14*	0.02	*0.02*	5	**0.6**	*0.28*	0.10	*0.04*
Ireland	35	**0.3**	*0.05*	0.04	*0.01*	15	**0.1**	*0.03*	0.01	*0.00*
Italy, Biella Province	15	**1.3**	*0.36*	0.17	*0.06*	1	**0.2**	*0.15*	0.01	*0.02*
Italy, Brescia Province	26	**1.0**	*0.20*	0.13	*0.03*	15	**0.4**	*0.12*	0.04	*0.01*
Italy, Ferrara Province	20	**0.9**	*0.21*	0.13	*0.04*	6	**0.3**	*0.13*	0.03	*0.02*
Italy, Florence and Prato	44	**0.6**	*0.10*	0.08	*0.02*	15	**0.1**	*0.04*	0.02	*0.01*
Italy, Genoa Province	22	**0.7**	*0.15*	0.08	*0.02*	10	**0.2**	*0.08*	0.03	*0.01*
Italy, Macerata Province	3	**0.3**	*0.18*	0.02	*0.02*	0	**-**	-	-	-
Italy, Milan	45	**0.8**	*0.12*	0.08	*0.02*	16	**0.2**	*0.05*	0.01	*0.01*
Italy, Modena Province	17	**0.6**	*0.14*	0.08	*0.02*	2	**0.1**	*0.05*	0.00	*0.00*
Italy, Naples	6	**0.4**	*0.15*	0.02	*0.01*	2	**0.1**	*0.09*	0.01	*0.01*
Italy, North East Cancer Surveillance Network	63	**0.7**	*0.09*	0.09	*0.01*	22	**0.1**	*0.03*	0.02	*0.01*
Italy, Parma Province	8	**0.3**	*0.13*	0.04	*0.02*	2	**0.1**	*0.10*	0.01	*0.01*
Italy, Ragusa Province	3	**0.2**	*0.09*	0.02	*0.02*	0	**-**	-	-	-
Italy, Reggio Emilia Province	9	**0.4**	*0.14*	0.04	*0.02*	4	**0.1**	*0.07*	0.02	*0.01*
Italy, Romagna Region	34	**0.6**	*0.12*	0.07	*0.02*	20	**0.2**	*0.06*	0.03	*0.01*
Italy, Salerno Province	15	**0.4**	*0.12*	0.04	*0.01*	8	**0.2**	*0.07*	0.02	*0.01*
Italy, Sassari Province	11	**0.6**	*0.17*	0.07	*0.03*	3	**0.1**	*0.07*	0.01	*0.01*
Italy, Syracuse Province	9	**0.6**	*0.21*	0.08	*0.03*	0	**-**	-	-	-
Italy, Sondrio	3	**0.3**	*0.20*	0.02	*0.02*	3	**0.2**	*0.12*	0.02	*0.02*
Italy, Torino	31	**0.6**	*0.11*	0.08	*0.02*	14	**0.2**	*0.05*	0.02	*0.01*
Italy, Umbria Region	30	**0.8**	*0.15*	0.10	*0.02*	7	**0.1**	*0.06*	0.01	*0.01*
Italy, Varese Province	16	**0.8**	*0.20*	0.08	*0.03*	4	**0.1**	*0.07*	0.01	*0.01*
Italy, Veneto Region	51	**0.7**	*0.10*	0.09	*0.02*	18	**0.2**	*0.04*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors
Ureter (C66) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	16	**0.2**	*0.05*	0.02	*0.01*	6	**0.0**	*0.02*	0.01	*0.00*
Lithuania	21	**0.2**	*0.04*	0.03	*0.01*	11	**0.1**	*0.02*	0.01	*0.00*
Malta	1	**0.1**	*0.09*	0.01	*0.01*	0	**-**	-	-	-
Norway	38	**0.2**	*0.03*	0.02	*0.01*	47	**0.2**	*0.03*	0.02	*0.00*
Poland, Cracow	0	**-**	-	-	-	1	**0.0**	*0.03*	0.00	*0.00**
Poland, Kielce	3	**0.1**	*0.04*	0.01	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
Poland, Warsaw City	10	**0.2**	*0.05*	0.02	*0.01*	8	**0.1**	*0.03*	0.01	*0.00*
Portugal, Porto	14	**0.1**	*0.04*	0.02	*0.01*	4	**0.0**	*0.02*	0.00	*0.00**
Portugal, South Regional	21	**0.2**	*0.04*	0.03	*0.01*	16	**0.1**	*0.02*	0.01	*0.00*
Russia, St Petersburg	8	**0.1**	*0.02*	0.01	*0.00*	13	**0.1**	*0.02*	0.01	*0.00*
Serbia	64	**0.3**	*0.04*	0.05	*0.01*	49	**0.2**	*0.03*	0.03	*0.00*
Slovak Republic	35	**0.2**	*0.04*	0.03	*0.01*	28	**0.1**	*0.02*	0.02	*0.00*
Slovenia	14	**0.2**	*0.05*	0.02	*0.01*	12	**0.1**	*0.03*	0.01	*0.00*
Spain, Albacete	8	**0.5**	*0.19*	0.06	*0.03*	0	**-**	-	-	-
Spain, Asturias	34	**0.6**	*0.11*	0.09	*0.02*	7	**0.1**	*0.05*	0.01	*0.01*
Spain, Basque Country	25	**0.3**	*0.07*	0.04	*0.01*	8	**0.1**	*0.03*	0.01	*0.00*
Spain, Canary Islands	8	**0.2**	*0.06*	0.02	*0.01*	4	**0.0**	*0.02*	0.00	*0.00*
Spain, Cuenca	6	**0.6**	*0.26*	0.08	*0.04*	1	**0.0**	*0.03*	-	-
Spain, Girona	11	**0.4**	*0.13*	0.06	*0.02*	9	**0.2**	*0.09*	0.04	*0.02*
Spain, Granada	23	**0.6**	*0.14*	0.09	*0.02*	1	**0.0**	*0.02*	0.01	*0.01*
Spain, Murcia	25	**0.6**	*0.12*	0.07	*0.02*	6	**0.1**	*0.05*	0.01	*0.01*
Spain, Navarra	17	**0.7**	*0.18*	0.10	*0.03*	10	**0.2**	*0.09*	0.02	*0.01*
Spain, Tarragona	11	**0.5**	*0.16*	0.07	*0.03*	2	**0.0**	*0.02*	-	-
Spain, Zaragoza	15	**0.4**	*0.11*	0.05	*0.01*	3	**0.1**	*0.04*	0.00	*0.00*
Sweden	102	**0.2**	*0.03*	0.03	*0.00*	99	**0.2**	*0.02*	0.02	*0.00*
Switzerland, Geneva	6	**0.3**	*0.13*	0.02	*0.02*	3	**0.1**	*0.07*	0.02	*0.02*
Switzerland, Graubunden and Glarus	7	**0.8**	*0.31*	0.12	*0.05*	3	**0.2**	*0.16*	0.02	*0.02*
Switzerland, Neuchatel	3	**0.4**	*0.26*	0.06	*0.04*	0	**-**	-	-	-
Switzerland, St Gall-Appenzell	8	**0.4**	*0.16*	0.09	*0.03*	5	**0.2**	*0.09*	0.03	*0.02*
Switzerland, Ticino	6	**0.4**	*0.16*	0.04	*0.03*	6	**0.3**	*0.16*	0.03	*0.02*
Switzerland, Valais	4	**0.3**	*0.17*	0.04	*0.03*	2	**0.1**	*0.06*	-	-
Switzerland, Vaud	4	**0.2**	*0.09*	0.03	*0.02*	8	**0.2**	*0.07*	0.02	*0.01*
The Netherlands	313	**0.5**	*0.03*	0.06	*0.00*	160	**0.2**	*0.02*	0.02	*0.00*
The Netherlands, Eindhoven	13	**0.3**	*0.10*	0.05	*0.02*	8	**0.2**	*0.06*	0.02	*0.01*
The Netherlands, Maastricht	17	**0.4**	*0.11*	0.06	*0.02*	11	**0.3**	*0.09*	0.03	*0.01*
UK, East of England Region	46	**0.3**	*0.05*	0.04	*0.01*	25	**0.1**	*0.03*	0.01	*0.00*
UK, England, Merseyside and Cheshire	37	**0.3**	*0.06*	0.04	*0.01*	27	**0.2**	*0.04*	0.02	*0.01*
UK, England, North Western	67	**0.4**	*0.05*	0.05	*0.01*	37	**0.1**	*0.02*	0.02	*0.00*
UK, England, Northern and Yorkshire	140	**0.5**	*0.04*	0.06	*0.01*	79	**0.2**	*0.03*	0.03	*0.00*
UK, England, Oxford Region	28	**0.3**	*0.06*	0.04	*0.01*	11	**0.1**	*0.03*	0.01	*0.00*
UK, England, South and Western Regions	100	**0.3**	*0.03*	0.04	*0.01*	74	**0.2**	*0.02*	0.03	*0.00*
UK, England, Thames	127	**0.2**	*0.02*	0.03	*0.00*	80	**0.1**	*0.01*	0.01	*0.00*
UK, England, Trent	78	**0.4**	*0.04*	0.05	*0.01*	42	**0.2**	*0.03*	0.02	*0.00*
UK, England, West Midlands	77	**0.3**	*0.04*	0.04	*0.01*	32	**0.1**	*0.02*	0.01	*0.00*
UK, Northern Ireland	30	**0.5**	*0.10*	0.08	*0.02*	20	**0.2**	*0.06*	0.03	*0.01*
UK, Scotland	80	**0.4**	*0.04*	0.05	*0.01*	49	**0.2**	*0.03*	0.02	*0.00*
Oceania										
Australia, New South Wales	106	**0.4**	*0.04*	0.05	*0.01*	100	**0.3**	*0.04*	0.04	*0.01*
Australia, Northern Territory	0	**-**	-	-	-	0	**-**	-	-	-
Australia, Queensland	75	**0.6**	*0.07*	0.08	*0.01*	59	**0.4**	*0.05*	0.05	*0.01*
Australia, South	25	**0.4**	*0.07*	0.04	*0.01*	15	**0.2**	*0.06*	0.02	*0.01*
Australia, Tasmania	7	**0.4**	*0.15*	0.05	*0.02*	4	**0.1**	*0.07*	0.02	*0.02*
Australia, Victoria	66	**0.3**	*0.04*	0.04	*0.01*	27	**0.1**	*0.02*	0.01	*0.00*
Australia, Western	20	**0.3**	*0.07*	0.04	*0.01*	12	**0.2**	*0.05*	0.03	*0.01*
Australian Capital Territory	1	**0.2**	*0.15*	0.03	*0.02*	3	**0.2**	*0.10*	-	-
French Polynesia	0	**-**	-	-	-	0	**-**	-	-	-
New Zealand	40	**0.3**	*0.05*	0.04	*0.01*	28	**0.2**	*0.04*	0.02	*0.01*
USA, Hawaii	19	**0.4**	*0.10*	0.05	*0.02*	14	**0.2**	*0.06*	0.04	*0.01*
USA, Hawaii: Chinese	2	**0.3**	*0.25*	0.06	*0.06*	2	**0.3**	*0.21*	0.05	*0.05*
USA, Hawaii: Filipino	0	**-**	-	-	-	3	**0.3**	*0.19*	0.06	*0.04*
USA, Hawaii: Hawaiian	0	**-**	-	-	-	1	**0.2**	*0.17*	0.04	*0.04*
USA, Hawaii: Japanese	11	**1.0**	*0.35*	0.12	*0.05*	7	**0.3**	*0.11*	0.04	*0.02*
USA, Hawaii: White	6	**0.4**	*0.19*	0.06	*0.04*	0	**-**	-	-	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Bladder (C67)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	81	**4.5**	*0.51*	-	-	11	**0.5**	*0.16*	-	- *
Egypt, Gharbiah	1080	**27.9**	*0.89*	-	-	262	**5.4**	*0.34*	-	-
Tunisia, Centre, Sousse	175	**19.0**	*1.45*	-	-	22	**2.2**	*0.48*	-	- *
Uganda, Kyadondo County	29	**3.0**	*0.66*	-	-	17	**1.8**	*0.48*	-	- *
Zimbabwe, Harare: African	95	**6.6**	*0.78*	-	-	63	**4.1**	*0.61*	-	- *
America, Central and South										
Argentina, Bahia Blanca	136	**15.1**	*1.37*	1.89	*0.20*	31	**2.6**	*0.53*	0.27	*0.06*
Brazil, Brasilia	238	**12.8**	*0.87*	1.48	*0.13*	104	**4.2**	*0.44*	0.49	*0.07*
Brazil, Cuiaba	41	**7.0**	*1.13*	0.91	*0.19*	16	**2.5**	*0.63*	0.25	*0.09*
Brazil, Goiania	168	**12.8**	*1.01*	1.44	*0.15*	59	**3.3**	*0.44*	0.35	*0.06*
Brazil, Sao Paulo	3309	**16.8**	*0.30*	1.97	*0.05*	1299	**4.5**	*0.13*	0.49	*0.02*
Chile, Valdivia	35	**3.8**	*0.66*	0.44	*0.10*	17	**1.7**	*0.41*	0.24	*0.07*
Colombia, Cali	293	**8.8**	*0.54*	1.04	*0.08*	109	**2.4**	*0.24*	0.26	*0.04*
Costa Rica	423	**5.8**	*0.29*	0.68	*0.04*	138	**1.7**	*0.15*	0.20	*0.02*
Ecuador, Quito	141	**5.2**	*0.46*	0.63	*0.07*	53	**1.7**	*0.24*	0.22	*0.04*
France, La Martinique	88	**7.1**	*0.79*	0.79	*0.11*	33	**1.6**	*0.31*	0.12	*0.04*
Peru, Trujillo	33	**3.8**	*0.68*	0.51	*0.12*	16	**1.3**	*0.35*	0.12	*0.05**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	15145	**17.5**	*0.15*	2.04	*0.02*	5241	**4.9**	*0.08*	0.57	*0.01*
Canada, Alberta	1812	**19.4**	*0.47*	2.31	*0.07*	599	**5.5**	*0.24*	0.63	*0.03*
Canada, British Columbia	3282	**20.2**	*0.37*	2.35	*0.06*	1169	**6.1**	*0.20*	0.70	*0.03*
Canada, Manitoba	734	**16.5**	*0.65*	1.97	*0.10*	238	**4.1**	*0.31*	0.48	*0.05*
Canada, New Brunswick	647	**22.8**	*0.93*	2.75	*0.14*	209	**5.8**	*0.46*	0.64	*0.06*
Canada, Newfoundland and Labrador	378	**18.7**	*1.00*	2.20	*0.15*	114	**5.4**	*0.54*	0.66	*0.08*
Canada, Northwest Territories	9	**10.3**	*3.60*	1.09	*0.53*	2	**2.0**	*1.50*	0.22	*0.17*
Canada, Nova Scotia	911	**25.2**	*0.87*	2.94	*0.13*	300	**6.5**	*0.42*	0.78	*0.06*
Canada, Ontario	6445	**14.8**	*0.19*	1.73	*0.03*	2279	**4.2**	*0.10*	0.47	*0.01*
Canada, Prince Edward Island	96	**17.8**	*1.91*	1.95	*0.27*	30	**4.0**	*0.82*	0.44	*0.13*
Canada, Saskatchewan	831	**19.6**	*0.74*	2.24	*0.11*	301	**6.5**	*0.43*	0.79	*0.06*
USA, Alabama	2720	**17.2**	*0.34*	2.07	*0.05*	933	**4.3**	*0.16*	0.52	*0.02*
USA, Alabama: Black	221	**7.5**	*0.52*	0.83	*0.08*	134	**3.0**	*0.28*	0.36	*0.04*
USA, Alabama: White	2462	**19.2**	*0.40*	2.31	*0.06*	789	**4.7**	*0.19*	0.55	*0.03*
USA, Alaska	307	**21.6**	*1.28*	2.43	*0.19*	72	**4.7**	*0.58*	0.53	*0.09*
USA, Arizona	4103	**20.7**	*0.35*	2.40	*0.05*	1269	**5.4**	*0.17*	0.64	*0.02*
USA, California	20643	**19.0**	*0.14*	2.20	*0.02*	6751	**4.8**	*0.07*	0.57	*0.01*
USA, California: Asian and Pacific Islander	969	**8.0**	*0.27*	0.87	*0.04*	292	**1.8**	*0.11*	0.21	*0.02*
USA, California: Black	659	**11.4**	*0.45*	1.33	*0.07*	312	**3.9**	*0.23*	0.47	*0.04*
USA, California: Hispanic White	1534	**10.1**	*0.26*	1.12	*0.04*	562	**2.8**	*0.12*	0.33	*0.02*
USA, California: Non-Hispanic White	17188	**23.3**	*0.19*	2.75	*0.03*	5496	**5.9**	*0.09*	0.72	*0.01*
USA, California, Greater San Francisco Bay Area	3784	**17.4**	*0.30*	2.02	*0.05*	1390	**4.9**	*0.15*	0.58	*0.02*
USA, California, Greater San Francisco Bay Area: Black	145	**10.8**	*0.92*	1.24	*0.14*	72	**3.9**	*0.49*	0.44	*0.07*
USA, California, Greater San Francisco Bay Area: Chinese	129	**6.8**	*0.63*	0.75	*0.09*	48	**1.9**	*0.29*	0.29	*0.06*
USA, California, Greater San Francisco Bay Area: Filipino	68	**6.9**	*0.88*	0.65	*0.12*	17	**1.4**	*0.34*	0.15	*0.05*
USA, California, Greater San Francisco Bay Area: Japanese	37	**9.3**	*1.74*	1.15	*0.28*	17	**3.2**	*0.91*	0.33	*0.12*
USA, California, Greater San Francisco Bay Area: Hispanic White	227	**10.8**	*0.74*	1.16	*0.11*	100	**3.5**	*0.36*	0.38	*0.06*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	3022	**21.9**	*0.43*	2.61	*0.07*	1099	**6.2**	*0.22*	0.75	*0.03*
USA, California, Los Angeles County	4768	**17.1**	*0.26*	1.98	*0.04*	1601	**4.2**	*0.12*	0.49	*0.02*
USA, California, Los Angeles County: Black	301	**11.5**	*0.67*	1.33	*0.10*	154	**4.2**	*0.36*	0.54	*0.06*
USA, California, Los Angeles County: Chinese	122	**9.3**	*0.89*	0.92	*0.13*	30	**1.9**	*0.37*	0.19	*0.05*
USA, California, Los Angeles County: Filipino	57	**6.3**	*0.87*	0.59	*0.13*	10	**0.9**	*0.30*	0.16	*0.06*
USA, California, Los Angeles County: Japanese	88	**11.3**	*1.35*	1.25	*0.21*	29	**3.6**	*0.77*	0.42	*0.10*
USA, California, Los Angeles County: Korean	44	**8.4**	*1.28*	0.98	*0.19*	20	**2.7**	*0.63*	0.34	*0.10*
USA, California, Los Angeles County: Hispanic White	538	**9.3**	*0.41*	1.04	*0.06*	206	**2.5**	*0.18*	0.30	*0.03*
USA, California, Los Angeles County: Non-Hispanic White	3524	**23.9**	*0.44*	2.85	*0.07*	1119	**5.6**	*0.20*	0.66	*0.03*
USA, Colorado	2662	**20.7**	*0.42*	2.44	*0.06*	874	**5.5**	*0.20*	0.68	*0.03*
USA, Connecticut	3457	**26.4**	*0.48*	3.10	*0.07*	1293	**7.5**	*0.24*	0.93	*0.04*
USA, Connecticut: Black	73	**10.3**	*1.24*	1.09	*0.17*	38	**3.4**	*0.58*	0.38	*0.09*
USA, Connecticut: White	3329	**27.3**	*0.51*	3.22	*0.08*	1240	**7.9**	*0.26*	0.97	*0.04*
USA, District of Columbia	273	**14.6**	*0.92*	1.72	*0.14*	162	**5.7**	*0.51*	0.69	*0.08*
USA, District of Columbia: Black	147	**12.4**	*1.07*	1.48	*0.16*	111	**5.6**	*0.60*	0.67	*0.09*
USA, District of Columbia: White	110	**17.4**	*1.75*	1.97	*0.27*	47	**6.0**	*1.01*	0.77	*0.16*
USA, Florida	18528	**23.6**	*0.19*	2.80	*0.03*	6100	**6.2**	*0.09*	0.73	*0.01*
USA, Florida: Black	495	**9.3**	*0.42*	1.04	*0.06*	258	**3.3**	*0.22*	0.37	*0.03*
USA, Florida: White	17800	**24.9**	*0.21*	2.96	*0.03*	5773	**6.6**	*0.10*	0.77	*0.01*
USA, Georgia	4275	**18.8**	*0.29*	2.24	*0.04*	1515	**4.6**	*0.13*	0.53	*0.02*
USA, Georgia: Black	466	**10.9**	*0.52*	1.31	*0.08*	267	**3.6**	*0.24*	0.41	*0.04*
USA, Georgia: White	3773	**20.9**	*0.35*	2.48	*0.05*	1241	**4.9**	*0.15*	0.58	*0.02*
USA, Georgia, Atlanta	1147	**17.6**	*0.53*	2.06	*0.08*	457	**4.8**	*0.25*	0.57	*0.04*
USA, Georgia, Atlanta: Black	153	**10.2**	*0.85*	1.19	*0.13*	113	**4.5**	*0.45*	0.52	*0.07*
USA, Georgia, Atlanta: White	971	**20.3**	*0.67*	2.37	*0.10*	340	**5.2**	*0.31*	0.62	*0.05*
USA, Idaho	1008	**22.3**	*0.74*	2.60	*0.11*	266	**4.9**	*0.33*	0.58	*0.05*
USA, Illinois	9640	**22.8**	*0.24*	2.70	*0.04*	3514	**6.1**	*0.12*	0.71	*0.02*
USA, Illinois: Black	477	**10.9**	*0.51*	1.24	*0.07*	325	**4.6**	*0.27*	0.50	*0.04*
USA, Illinois: White	8908	**24.3**	*0.27*	2.89	*0.04*	3100	**6.3**	*0.13*	0.75	*0.02*
USA, Indiana	4492	**21.5**	*0.33*	2.56	*0.05*	1584	**5.5**	*0.16*	0.67	*0.02*
USA, Iowa	2611	**22.0**	*0.46*	2.64	*0.07*	880	**5.6**	*0.23*	0.64	*0.03*
USA, Kentucky	3158	**22.7**	*0.42*	2.74	*0.06*	1080	**5.7**	*0.19*	0.68	*0.03*
USA, Louisiana	2849	**19.6**	*0.38*	2.26	*0.06*	975	**4.9**	*0.17*	0.57	*0.03*
USA, Louisiana: Black	365	**10.9**	*0.59*	1.24	*0.09*	219	**4.3**	*0.31*	0.48	*0.05*
USA, Louisiana: White	2463	**22.3**	*0.47*	2.59	*0.07*	749	**5.2**	*0.21*	0.61	*0.03*
USA, Louisiana, New Orleans: Black	131	**13.8**	*1.23*	1.68	*0.19*	66	**4.3**	*0.56*	0.46	*0.08*
USA, Louisiana, New Orleans: White	536	**23.7**	*1.09*	2.78	*0.16*	188	**6.5**	*0.54*	0.81	*0.08*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Bladder (C67) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	1393	**27.7**	*0.78*	3.34	*0.12*	541	**8.2**	*0.40*	0.96	*0.06*
USA, Massachusetts	6244	**27.0**	*0.36*	3.26	*0.06*	2466	**7.9**	*0.18*	0.97	*0.03*
USA, Michigan	8537	**24.5**	*0.28*	2.92	*0.04*	2899	**6.4**	*0.13*	0.77	*0.02*
USA, Michigan: Black	417	**11.9**	*0.60*	1.32	*0.09*	242	**4.6**	*0.32*	0.49	*0.05*
USA, Michigan: White	8007	**26.0**	*0.31*	3.10	*0.05*	2617	**6.6**	*0.15*	0.80	*0.02*
USA, Michigan, Detroit	3423	**25.1**	*0.45*	2.99	*0.07*	1214	**6.4**	*0.21*	0.77	*0.03*
USA, Michigan, Detroit: Black	308	**11.7**	*0.70*	1.33	*0.10*	191	**4.6**	*0.36*	0.46	*0.05*
USA, Michigan, Detroit: White	3093	**28.8**	*0.55*	3.46	*0.08*	1013	**7.1**	*0.25*	0.86	*0.04*
USA, Missouri	4338	**20.8**	*0.33*	2.46	*0.05*	1470	**5.3**	*0.16*	0.65	*0.02*
USA, Missouri: Black	166	**11.4**	*0.91*	1.40	*0.14*	96	**4.0**	*0.45*	0.45	*0.07*
USA, Missouri: White	4145	**21.6**	*0.36*	2.55	*0.05*	1361	**5.4**	*0.17*	0.67	*0.03*
USA, Montana	827	**22.3**	*0.82*	2.61	*0.12*	281	**6.5**	*0.43*	0.84	*0.07*
USA, NPCR	175440	**22.1**	*0.06*	2.62	*0.01*	61379	**5.8**	*0.03*	0.70	*0.00*
USA, NPCR: Black	6605	**10.5**	*0.13*	1.22	*0.02*	3832	**3.9**	*0.07*	0.45	*0.01*
USA, NPCR: White	164400	**23.5**	*0.06*	2.79	*0.01*	56118	**6.2**	*0.03*	0.74	*0.00*
USA, New Jersey	8084	**26.2**	*0.31*	3.16	*0.05*	3036	**7.2**	*0.15*	0.86	*0.02*
USA, New Jersey: Black	325	**11.7**	*0.66*	1.36	*0.10*	204	**4.6**	*0.34*	0.55	*0.05*
USA, New Jersey: White	7603	**28.5**	*0.35*	3.45	*0.05*	2777	**7.8**	*0.17*	0.93	*0.02*
USA, New Mexico	1064	**16.5**	*0.53*	1.98	*0.08*	348	**4.5**	*0.26*	0.52	*0.04*
USA, New Mexico: American Indian	12	**3.7**	*1.10*	0.57	*0.20*	3	**0.8**	*0.45*	0.11	*0.07*
USA, New Mexico: Hispanic White	208	**10.9**	*0.78*	1.27	*0.12*	61	**2.4**	*0.33*	0.25	*0.05*
USA, New Mexico: Non-Hispanic White	832	**20.8**	*0.76*	2.51	*0.11*	280	**5.9**	*0.39*	0.72	*0.06*
USA, New York State	16299	**24.1**	*0.20*	2.84	*0.03*	6382	**6.8**	*0.10*	0.81	*0.01*
USA, New York State: Black	697	**10.2**	*0.39*	1.13	*0.06*	448	**3.8**	*0.19*	0.45	*0.03*
USA, New York State: White	15312	**26.6**	*0.23*	3.16	*0.03*	5848	**7.5**	*0.11*	0.90	*0.02*
USA, Ohio	9715	**23.5**	*0.25*	2.79	*0.04*	3526	**6.2**	*0.12*	0.73	*0.02*
USA, Ohio: Black	387	**11.5**	*0.60*	1.31	*0.09*	220	**4.3**	*0.31*	0.47	*0.04*
USA, Ohio: White	8991	**23.9**	*0.27*	2.85	*0.04*	3194	**6.2**	*0.13*	0.74	*0.02*
USA, Oklahoma	2404	**18.7**	*0.40*	2.16	*0.06*	805	**4.7**	*0.19*	0.53	*0.03*
USA, Oregon	3190	**24.5**	*0.46*	2.94	*0.07*	1022	**6.3**	*0.23*	0.76	*0.03*
USA, Pennsylvania	13141	**26.1**	*0.24*	3.15	*0.04*	4820	**7.0**	*0.12*	0.83	*0.02*
USA, Pennsylvania: Black	418	**13.0**	*0.66*	1.58	*0.10*	236	**4.5**	*0.32*	0.54	*0.05*
USA, Pennsylvania: White	12544	**27.0**	*0.26*	3.26	*0.04*	4527	**7.2**	*0.13*	0.86	*0.02*
USA, Rhode Island	1254	**31.2**	*0.95*	3.79	*0.14*	482	**9.2**	*0.49*	1.15	*0.07*
USA, SEER (9 Registries)	19184	**21.1**	*0.16*	2.50	*0.02*	6653	**5.6**	*0.08*	0.67	*0.01*
USA, SEER (9 Registries): Black	734	**11.0**	*0.42*	1.27	*0.06*	445	**4.4**	*0.22*	0.48	*0.03*
USA, SEER (9 Registries): White	17511	**23.3**	*0.19*	2.76	*0.03*	5923	**6.1**	*0.09*	0.74	*0.01*
USA, SEER (14 Registries)	51459	**20.9**	*0.10*	2.46	*0.01*	17555	**5.4**	*0.05*	0.64	*0.01*
USA, SEER (14 Registries): Asian and Pacific Islander	1585	**8.5**	*0.22*	0.95	*0.03*	478	**1.9**	*0.09*	0.21	*0.01*
USA, SEER (14 Registries): Black	2080	**11.4**	*0.26*	1.32	*0.04*	1156	**4.2**	*0.13*	0.48	*0.02*
USA, SEER (14 Registries): Hispanic White	2241	**10.9**	*0.24*	1.24	*0.04*	824	**3.1**	*0.11*	0.35	*0.02*
USA, SEER (14 Registries): Non-Hispanic White	45005	**24.2**	*0.12*	2.88	*0.02*	14924	**6.3**	*0.06*	0.75	*0.01*
USA, South Carolina	2691	**19.7**	*0.39*	2.35	*0.06*	854	**4.6**	*0.17*	0.57	*0.03*
USA, South Carolina: Black	257	**8.8**	*0.57*	0.97	*0.08*	175	**3.8**	*0.31*	0.45	*0.05*
USA, South Carolina: White	2407	**22.5**	*0.47*	2.70	*0.07*	674	**5.0**	*0.21*	0.61	*0.03*
USA, Texas	10569	**17.2**	*0.17*	2.05	*0.03*	3460	**4.2**	*0.08*	0.50	*0.01*
USA, Texas: Black	504	**9.7**	*0.44*	1.15	*0.07*	277	**3.5**	*0.23*	0.41	*0.04*
USA, Texas: White	9864	**18.0**	*0.19*	2.15	*0.03*	3111	**4.3**	*0.09*	0.52	*0.01*
USA, Utah	1001	**16.7**	*0.55*	1.96	*0.09*	306	**4.4**	*0.27*	0.52	*0.04*
USA, Vermont	522	**23.0**	*1.05*	2.65	*0.16*	225	**7.7**	*0.58*	0.95	*0.09*
USA, Washington State	4877	**23.8**	*0.36*	2.79	*0.06*	1512	**5.9**	*0.17*	0.70	*0.03*
USA, Washington, Seattle	3292	**23.9**	*0.44*	2.80	*0.07*	1013	**5.9**	*0.21*	0.71	*0.03*
USA, West Virginia	1817	**24.0**	*0.59*	2.91	*0.09*	766	**7.9**	*0.32*	0.95	*0.05*
USA, Wisconsin	4435	**22.2**	*0.35*	2.67	*0.05*	1611	**6.3**	*0.18*	0.76	*0.03*
Asia										
Bahrain: Bahraini	81	**14.7**	*1.66*	1.77	*0.25*	21	**3.8**	*0.83*	0.29	*0.09*
China, Guangzhou City	351	**6.7**	*0.37*	0.75	*0.05*	95	**1.4**	*0.15*	0.17	*0.02**
China, Hong Kong	2499	**10.9**	*0.22*	1.23	*0.03*	803	**2.8**	*0.11*	0.29	*0.02*
China, Jiashan	73	**5.9**	*0.73*	0.62	*0.09*	15	**1.0**	*0.27*	0.13	*0.04**
China, Nangang District, Harbin City	138	**6.2**	*0.56*	0.60	*0.07*	45	**1.8**	*0.27*	0.21	*0.04*
China, Shanghai	1996	**8.1**	*0.19*	0.87	*0.03*	609	**2.0**	*0.09*	0.22	*0.01**
China, Zhongshan	169	**5.0**	*0.40*	0.59	*0.06*	37	**0.9**	*0.16*	0.10	*0.02**
Cyprus	500	**20.7**	*0.97*	2.50	*0.15*	100	**3.5**	*0.38*	0.41	*0.05**
India, Chennai (Madras)	238	**2.8**	*0.18*	0.34	*0.03*	86	**1.0**	*0.11*	0.14	*0.02*
India, New Delhi	1128	**6.2**	*0.19*	0.79	*0.03*	225	**1.4**	*0.10*	0.18	*0.01**
India, Karunagappally	35	**4.2**	*0.71*	0.58	*0.11*	2	**0.2**	*0.15*	0.01	*0.01*
India, Mumbai (Bombay)	767	**3.8**	*0.14*	0.46	*0.02*	182	**1.0**	*0.07*	0.10	*0.01*
India, Nagpur	109	**2.8**	*0.28*	0.33	*0.04*	37	**1.0**	*0.17*	0.15	*0.03**
India, Poona	167	**2.8**	*0.22*	0.34	*0.03*	61	**1.0**	*0.13*	0.12	*0.02**
India, Trivandrum	51	**1.9**	*0.27*	0.24	*0.04*	13	**0.4**	*0.12*	0.05	*0.02**
Israel	4767	**27.7**	*0.42*	3.41	*0.06*	1153	**5.1**	*0.16*	0.59	*0.02*
Israel: Jews	4422	**28.1**	*0.45*	3.45	*0.07*	1101	**5.3**	*0.17*	0.62	*0.03*
Israel: Non-Jews	255	**18.1**	*1.16*	2.09	*0.18*	26	**1.7**	*0.33*	0.19	*0.05*
Japan, Aichi Prefecture	415	**10.6**	*0.53*	1.24	*0.08*	112	**2.1**	*0.22*	0.21	*0.03*
Japan, Fukui Prefecture	473	**10.8**	*0.53*	1.26	*0.07*	143	**2.2**	*0.22*	0.25	*0.03*
Japan, Hiroshima	718	**16.6**	*0.63*	1.95	*0.09*	207	**3.5**	*0.27*	0.40	*0.04*
Japan, Miyagi Prefecture	1174	**10.6**	*0.32*	1.17	*0.04*	423	**2.6**	*0.14*	0.27	*0.02*
Japan, Nagasaki Prefecture	951	**11.8**	*0.41*	1.38	*0.06*	291	**2.2**	*0.16*	0.23	*0.02*
Japan, Osaka Prefecture	3011	**7.9**	*0.15*	0.83	*0.02*	937	**1.7**	*0.06*	0.17	*0.01*
Japan, Yamagata Prefecture	549	**7.4**	*0.34*	0.81	*0.05*	216	**2.0**	*0.16*	0.22	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors
Bladder (C67) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	7405	**9.1**	*0.11*	1.08	*0.02*	1935	**1.6**	*0.04*	0.19	*0.01*
Korea, Busan	766	**10.2**	*0.40*	1.25	*0.06*	176	**1.7**	*0.13*	0.18	*0.02*
Korea, Daegu	447	**9.2**	*0.46*	1.10	*0.07*	139	**2.1**	*0.18*	0.25	*0.03*
Korea, Daejeon	236	**10.1**	*0.69*	1.17	*0.10*	67	**2.0**	*0.25*	0.26	*0.04*
Korea, Gwangju	242	**10.2**	*0.69*	1.21	*0.10*	77	**2.1**	*0.25*	0.27	*0.04*
Korea, Incheon	395	**8.9**	*0.47*	1.09	*0.07*	104	**1.6**	*0.16*	0.19	*0.02*
Korea, Jejudo	47	**6.8**	*1.01*	0.86	*0.16*	16	**1.1**	*0.31*	0.08	*0.04*
Korea, Seoul	2022	**11.0**	*0.27*	1.25	*0.04*	548	**2.1**	*0.09*	0.24	*0.01*
Korea, Ulsan	95	**8.5**	*0.96*	1.06	*0.15*	24	**1.4**	*0.30*	0.15	*0.04*
Kuwait: Kuwaitis	57	**6.3**	*0.85*	0.75	*0.13*	27	**2.9**	*0.57*	0.40	*0.09*
Kuwait: Non-Kuwaitis	103	**7.0**	*1.18*	0.63	*0.12*	14	**2.7**	*0.83*	0.36	*0.12*
Malaysia, Penang	128	**7.3**	*0.66*	0.94	*0.11*	39	**1.8**	*0.29*	0.20	*0.04*
Malaysia, Sarawak	107	**3.1**	*0.31*	0.35	*0.04*	30	**0.8**	*0.15*	0.07	*0.02*
Oman: Omani	85	**5.1**	*0.56*	0.53	*0.07*	36	**2.2**	*0.38*	0.28	*0.06**
Pakistan, South Karachi	219	**9.3**	*0.66*	1.20	*0.10*	47	**2.6**	*0.41*	0.37	*0.06**
Philippines, Manila	279	**4.7**	*0.30*	0.56	*0.05*	102	**1.3**	*0.13*	0.17	*0.02**
Singapore	600	**7.6**	*0.31*	0.79	*0.04*	181	**1.8**	*0.14*	0.18	*0.02*
Singapore: Chinese	493	**8.0**	*0.36*	0.84	*0.05*	159	**1.9**	*0.15*	0.18	*0.02*
Singapore: Indian	35	**4.6**	*0.80*	0.51	*0.10*	3	**0.8**	*0.46*	0.06	*0.04*
Singapore: Malay	72	**7.9**	*0.96*	0.79	*0.13*	19	**2.0**	*0.48*	0.20	*0.06*
Thailand, Chiang Mai	199	**5.1**	*0.36*	0.65	*0.05*	96	**2.3**	*0.24*	0.28	*0.03**
Thailand, Lampang	121	**5.6**	*0.51*	0.68	*0.08*	39	**1.6**	*0.25*	0.18	*0.04**
Thailand, Songkhla	119	**4.4**	*0.40*	0.49	*0.06*	23	**0.7**	*0.15*	0.06	*0.02*
Turkey, Antalya	445	**15.8**	*0.76*	2.05	*0.11*	72	**2.5**	*0.30*	0.33	*0.05**
Turkey, Izmir	1353	**17.6**	*0.49*	2.23	*0.07*	175	**2.1**	*0.16*	0.25	*0.02**
Europe										
Austria	6654	**20.9**	*0.26*	2.46	*0.04*	2560	**5.4**	*0.12*	0.63	*0.02*
Austria, Tyrol	630	**25.9**	*1.05*	3.12	*0.16*	249	**7.5**	*0.53*	0.87	*0.07*
Austria, Vorarlberg	284	**24.3**	*1.46*	3.06	*0.22*	81	**5.0**	*0.61*	0.63	*0.09*
Belarus	4323	**14.4**	*0.22*	1.79	*0.03*	865	**1.7**	*0.06*	0.20	*0.01**
Belgium, Antwerp	1691	**21.5**	*0.54*	2.49	*0.08*	393	**3.8**	*0.22*	0.41	*0.03**
Belgium, Flanders	5587	**25.8**	*0.36*	3.09	*0.05*	1467	**5.1**	*0.15*	0.58	*0.02*
Bulgaria	4313	**12.9**	*0.20*	1.62	*0.03*	992	**2.3**	*0.08*	0.27	*0.01**
Croatia	3079	**18.0**	*0.33*	2.12	*0.05*	983	**3.9**	*0.13*	0.45	*0.02*
Czech Republic	7424	**20.1**	*0.24*	2.48	*0.04*	2731	**5.2**	*0.11*	0.63	*0.02*
Denmark	6154	**26.6**	*0.35*	3.18	*0.05*	2156	**7.7**	*0.18*	0.96	*0.03*
Estonia	743	**16.3**	*0.60*	1.98	*0.09*	268	**2.9**	*0.20*	0.32	*0.03*
Finland	2856	**13.6**	*0.26*	1.49	*0.04*	951	**3.0**	*0.11*	0.32	*0.02*
France, Bas-Rhin	588	**16.0**	*0.68*	1.77	*0.09*	135	**2.2**	*0.21*	0.24	*0.03*
France, Calvados	378	**15.0**	*0.81*	1.82	*0.12*	67	**1.6**	*0.24*	0.17	*0.03*
France, Doubs	311	**15.8**	*0.93*	1.93	*0.14*	64	**2.1**	*0.30*	0.22	*0.04*
France, Haut-Rhin	504	**18.8**	*0.85*	2.29	*0.13*	108	**2.6**	*0.29*	0.30	*0.04*
France, Herault	695	**15.7**	*0.64*	1.81	*0.09*	148	**2.5**	*0.24*	0.30	*0.04*
France, Isere	652	**15.1**	*0.61*	1.77	*0.09*	127	**1.9**	*0.20*	0.19	*0.03*
France, Loire-Atlantique	538	**12.5**	*0.56*	1.52	*0.08*	147	**2.1**	*0.20*	0.22	*0.03*
France, Manche	279	**11.5**	*0.74*	1.30	*0.11*	70	**1.9**	*0.28*	0.19	*0.04*
France, Somme	363	**15.8**	*0.88*	1.85	*0.13*	76	**2.6**	*0.34*	0.31	*0.05*
France, Tarn	310	**15.3**	*0.96*	1.85	*0.14*	78	**2.3**	*0.32*	0.22	*0.05*
France, Vendee	295	**11.2**	*0.70*	1.33	*0.10*	56	**1.6**	*0.25*	0.20	*0.04*
Germany, Brandenburg	2329	**22.4**	*0.47*	2.74	*0.07*	881	**5.3**	*0.20*	0.61	*0.03*
Germany, Free State of Saxony	4370	**21.5**	*0.33*	2.57	*0.05*	1565	**4.6**	*0.14*	0.55	*0.02*
Germany, Hamburg	1603	**21.2**	*0.54*	2.43	*0.08*	646	**5.4**	*0.25*	0.66	*0.04*
Germany, Mecklenburg-Western Pomerania	1734	**25.5**	*0.62*	3.07	*0.09*	607	**5.6**	*0.25*	0.67	*0.04*
Germany, Munich	1968	**19.8**	*0.46*	2.21	*0.07*	769	**5.1**	*0.21*	0.57	*0.03*
Germany, Northrhine-Westphalia: Munster	2526	**22.7**	*0.46*	2.59	*0.07*	909	**5.5**	*0.21*	0.59	*0.03*
Germany, Saarland	645	**12.8**	*0.52*	1.43	*0.07*	262	**3.4**	*0.24*	0.37	*0.03*
Iceland	196	**20.3**	*1.53*	2.25	*0.22*	72	**6.5**	*0.84*	0.78	*0.12*
Ireland	1844	**14.5**	*0.35*	1.66	*0.05*	721	**4.7**	*0.19*	0.55	*0.03*
Italy, Biella Province	330	**33.0**	*1.92*	4.06	*0.27*	93	**6.4**	*0.80*	0.77	*0.11*
Italy, Brescia Province	836	**32.9**	*1.17*	4.09	*0.17*	212	**5.6**	*0.44*	0.62	*0.06*
Italy, Ferrara Province	737	**35.2**	*1.40*	4.32	*0.20*	195	**6.8**	*0.61*	0.76	*0.08*
Italy, Florence and Prato	2310	**37.2**	*0.83*	4.62	*0.12*	551	**7.0**	*0.37*	0.79	*0.05*
Italy, Genoa Province	1276	**40.4**	*1.24*	4.89	*0.17*	339	**7.0**	*0.48*	0.77	*0.06*
Italy, Macerata Province	356	**34.1**	*1.95*	4.36	*0.29*	75	**5.8**	*0.80*	0.68	*0.11*
Italy, Milan	1674	**30.6**	*0.79*	3.58	*0.11*	536	**6.1**	*0.32*	0.67	*0.04*
Italy, Modena Province	1024	**31.7**	*1.06*	3.80	*0.15*	253	**6.0**	*0.44*	0.70	*0.06*
Italy, Naples	739	**47.2**	*1.75*	6.01	*0.26*	122	**6.4**	*0.60*	0.71	*0.08*
Italy, North East Cancer Surveillance Network	2273	**21.8**	*0.48*	2.62	*0.07*	687	**4.3**	*0.20*	0.49	*0.03*
Italy, Parma Province	699	**30.9**	*1.27*	3.81	*0.18*	196	**6.4**	*0.57*	0.78	*0.08*
Italy, Ragusa Province	436	**33.1**	*1.70*	3.93	*0.24*	85	**5.4**	*0.69*	0.59	*0.09*
Italy, Reggio Emilia Province	755	**31.3**	*1.22*	4.05	*0.19*	188	**6.1**	*0.53*	0.75	*0.07*
Italy, Romagna Region	1960	**35.8**	*0.87*	4.41	*0.13*	455	**6.5**	*0.37*	0.77	*0.05*
Italy, Salerno Province	1356	**37.8**	*1.07*	4.75	*0.15*	223	**5.0**	*0.37*	0.54	*0.05*
Italy, Sassari Province	583	**28.7**	*1.23*	3.52	*0.18*	115	**4.3**	*0.44*	0.46	*0.06*
Italy, Syracuse Province	479	**34.0**	*1.62*	4.25	*0.24*	65	**3.9**	*0.53*	0.45	*0.07*
Italy, Sondrio	295	**38.8**	*2.30*	4.95	*0.35*	97	**10.1**	*1.16*	1.26	*0.16*
Italy, Torino	1820	**38.5**	*0.94*	4.81	*0.14*	469	**6.7**	*0.37*	0.77	*0.05*
Italy, Umbria Region	1602	**34.4**	*0.93*	4.26	*0.13*	364	**6.2**	*0.39*	0.73	*0.05*
Italy, Varese Province	675	**31.6**	*1.24*	3.78	*0.18*	155	**5.0**	*0.45*	0.58	*0.06*
Italy, Veneto Region	2331	**31.3**	*0.68*	3.82	*0.10*	672	**6.5**	*0.29*	0.78	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Bladder (C67) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	1153	**14.8**	*0.44*	1.75	*0.06*	381	**2.6**	*0.14*	0.32	*0.02*
Lithuania	1844	**16.6**	*0.39*	2.00	*0.06*	545	**2.7**	*0.13*	0.30	*0.02*
Malta	368	**26.8**	*1.43*	3.36	*0.22*	85	**4.6**	*0.54*	0.54	*0.08*
Norway	3889	**19.6**	*0.34*	2.27	*0.05*	1341	**5.4**	*0.18*	0.64	*0.03*
Poland, Cracow	444	**17.9**	*0.86*	2.10	*0.12*	146	**3.8**	*0.33*	0.44	*0.05**
Poland, Kielce	1005	**22.9**	*0.74*	2.89	*0.11*	196	**3.3**	*0.26*	0.38	*0.03*
Poland, Warsaw City	1016	**16.0**	*0.52*	1.93	*0.07*	384	**4.1**	*0.24*	0.49	*0.03*
Portugal, Porto	1985	**18.1**	*0.43*	2.20	*0.06*	583	**3.7**	*0.17*	0.42	*0.02**
Portugal, South Regional	1931	**15.9**	*0.38*	1.88	*0.05*	556	**3.2**	*0.15*	0.34	*0.02*
Russia, St Petersburg	1597	**11.3**	*0.29*	1.39	*0.04*	666	**2.2**	*0.09*	0.24	*0.01*
Serbia	2931	**15.5**	*0.30*	1.91	*0.04*	947	**4.1**	*0.14*	0.48	*0.02*
Slovak Republic	2303	**14.4**	*0.31*	1.74	*0.04*	765	**3.3**	*0.13*	0.40	*0.02*
Slovenia	1061	**15.1**	*0.47*	1.78	*0.07*	350	**3.2**	*0.19*	0.39	*0.03*
Spain, Albacete	370	**27.1**	*1.54*	3.04	*0.21*	58	**3.1**	*0.47*	0.28	*0.06*
Spain, Asturias	1553	**29.3**	*0.80*	3.38	*0.11*	289	**3.8**	*0.26*	0.40	*0.03*
Spain, Basque Country	2329	**31.9**	*0.69*	3.78	*0.10*	451	**4.7**	*0.25*	0.49	*0.03*
Spain, Canary Islands	1044	**21.5**	*0.68*	2.49	*0.10*	173	**2.6**	*0.21*	0.29	*0.03*
Spain, Cuenca	286	**22.2**	*1.53*	2.67	*0.21*	54	**3.4**	*0.59*	0.38	*0.08*
Spain, Girona	898	**35.8**	*1.29*	4.43	*0.18*	165	**4.6**	*0.43*	0.47	*0.06*
Spain, Granada	1002	**30.2**	*1.01*	3.68	*0.14*	133	**3.0**	*0.30*	0.31	*0.04*
Spain, Murcia	1592	**37.6**	*0.98*	4.43	*0.14*	246	**4.2**	*0.30*	0.47	*0.04*
Spain, Navarra	905	**37.0**	*1.31*	4.54	*0.18*	158	**5.2**	*0.49*	0.59	*0.06*
Spain, Tarragona	853	**37.5**	*1.39*	4.45	*0.20*	161	**5.5**	*0.51*	0.57	*0.07*
Spain, Zaragoza	1214	**30.7**	*0.94*	3.76	*0.13*	202	**3.8**	*0.32*	0.41	*0.04*
Sweden	7588	**17.4**	*0.22*	2.09	*0.03*	2691	**5.0**	*0.11*	0.59	*0.02*
Switzerland, Geneva	468	**29.6**	*1.41*	3.74	*0.22*	140	**6.2**	*0.58*	0.77	*0.09*
Switzerland, Graubunden and Glarus	140	**14.6**	*1.29*	1.80	*0.20*	38	**2.8**	*0.54*	0.33	*0.08*
Switzerland, Neuchatel	98	**13.4**	*1.44*	1.59	*0.21*	33	**2.9**	*0.58*	0.34	*0.09*
Switzerland, St Gall-Appenzell	247	**11.7**	*0.79*	1.38	*0.12*	99	**3.4**	*0.39*	0.44	*0.06*
Switzerland, Ticino	266	**18.3**	*1.17*	2.19	*0.18*	74	**3.4**	*0.46*	0.39	*0.07*
Switzerland, Valais	250	**22.7**	*1.49*	2.77	*0.22*	71	**5.2**	*0.68*	0.61	*0.10*
Switzerland, Vaud	433	**16.9**	*0.86*	2.07	*0.13*	132	**3.6**	*0.37*	0.43	*0.05*
The Netherlands	9000	**14.5**	*0.16*	1.70	*0.02*	2682	**3.2**	*0.07*	0.38	*0.01*
The Netherlands, Eindhoven	975	**25.9**	*0.84*	3.06	*0.12*	272	**5.9**	*0.38*	0.69	*0.05*
The Netherlands, Maastricht	908	**24.4**	*0.83*	2.88	*0.12*	263	**5.8**	*0.39*	0.70	*0.05*
UK, East of England Region	2858	**21.9**	*0.44*	2.51	*0.06*	1039	**6.3**	*0.23*	0.75	*0.03*
UK, England, Merseyside and Cheshire	2432	**23.1**	*0.49*	2.68	*0.07*	962	**6.4**	*0.24*	0.73	*0.03*
UK, England, North Western	4480	**25.4**	*0.40*	3.01	*0.06*	1883	**7.9**	*0.21*	0.96	*0.03*
UK, England, Northern and Yorkshire	7475	**25.5**	*0.31*	2.99	*0.05*	3041	**7.7**	*0.16*	0.93	*0.02*
UK, England, Oxford Region	1875	**17.0**	*0.41*	1.96	*0.06*	624	**4.4**	*0.20*	0.48	*0.03*
UK, England, South and Western Regions	8350	**25.2**	*0.30*	2.92	*0.04*	3062	**7.0**	*0.15*	0.80	*0.02*
UK, England, Thames	11249	**19.3**	*0.19*	2.19	*0.03*	4242	**5.2**	*0.09*	0.60	*0.01*
UK, England, Trent	5203	**23.5**	*0.34*	2.74	*0.05*	2015	**7.1**	*0.18*	0.83	*0.03*
UK, England, West Midlands	4994	**21.5**	*0.32*	2.54	*0.05*	1881	**6.0**	*0.16*	0.71	*0.02*
UK, Northern Ireland	721	**11.8**	*0.46*	1.37	*0.07*	293	**3.2**	*0.21*	0.38	*0.03*
UK, Scotland	5012	**23.4**	*0.34*	2.79	*0.05*	2203	**7.5**	*0.18*	0.93	*0.03*
Oceania										
Australia, New South Wales	2964	**11.5**	*0.22*	1.30	*0.03*	1089	**3.3**	*0.11*	0.39	*0.02*
Australia, Northern Territory	25	**7.7**	*1.61*	0.90	*0.24*	2	**0.7**	*0.52*	0.10	*0.08*
Australia, Queensland	2516	**19.1**	*0.40*	2.18	*0.06*	791	**5.0**	*0.20*	0.58	*0.03*
Australia, South	1443	**22.4**	*0.62*	2.66	*0.09*	474	**6.0**	*0.31*	0.72	*0.05*
Australia, Tasmania	397	**20.9**	*1.10*	2.22	*0.15*	141	**6.0**	*0.57*	0.62	*0.08*
Australia, Victoria	1413	**7.5**	*0.21*	0.81	*0.03*	547	**2.2**	*0.11*	0.25	*0.02*
Australia, Western	592	**8.9**	*0.38*	0.95	*0.06*	213	**2.4**	*0.18*	0.24	*0.03*
Australian Capital Territory	111	**12.0**	*1.18*	1.27	*0.18*	34	**3.3**	*0.60*	0.40	*0.09*
French Polynesia	45	**11.3**	*1.70*	1.48	*0.27*	13	**3.3**	*0.97*	0.52	*0.18*
New Zealand	2115	**15.4**	*0.35*	1.76	*0.05*	778	**4.4**	*0.18*	0.49	*0.03*
USA, Hawaii	637	**12.9**	*0.55*	1.54	*0.08*	182	**3.0**	*0.25*	0.32	*0.03*
USA, Hawaii: Chinese	33	**7.5**	*1.54*	0.63	*0.19*	12	**1.7**	*0.58*	0.12	*0.07*
USA, Hawaii: Filipino	49	**6.5**	*1.01*	0.84	*0.16*	14	**1.7**	*0.48*	0.19	*0.07*
USA, Hawaii: Hawaiian	55	**12.2**	*1.67*	1.24	*0.22*	22	**3.7**	*0.80*	0.40	*0.11*
USA, Hawaii: Japanese	211	**13.0**	*1.09*	1.55	*0.16*	54	**2.3**	*0.41*	0.21	*0.05*
USA, Hawaii: White	261	**20.5**	*1.33*	2.51	*0.21*	62	**4.6**	*0.65*	0.53	*0.10*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other urinary organs (C68)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	0	-	-	-	-	1	**0.1**	*0.06*	-	- *
Egypt, Gharbiah	8	**0.2**	*0.08*	-	-	0	-	-	-	-
Tunisia, Centre, Sousse	2	**0.2**	*0.17*	-	-	0	-	-	-	- *
Uganda, Kyadondo County	0	-	-	-	-	0	-	-	-	- *
Zimbabwe, Harare: African	1	**0.0**	*0.02*	-	-	1	**0.1**	*0.05*	-	- *
America, Central and South										
Argentina, Bahia Blanca	3	**0.3**	*0.21*	0.03	*0.02*	2	**0.2**	*0.13*	0.03	*0.02*
Brazil, Brasilia	6	**0.3**	*0.14*	0.04	*0.02*	8	**0.3**	*0.13*	0.04	*0.02*
Brazil, Cuiaba	1	**0.2**	*0.16*	-	-	0	-	-	-	-
Brazil, Goiania	2	**0.1**	*0.09*	0.00	*0.00*	3	**0.2**	*0.11*	0.02	*0.01*
Brazil, Sao Paulo	41	**0.2**	*0.03*	0.02	*0.00*	28	**0.1**	*0.02*	0.01	*0.00*
Chile, Valdivia	1	**0.1**	*0.12*	0.03	*0.03*	0	-	-	-	-
Colombia, Cali	3	**0.1**	*0.05*	0.01	*0.01*	2	**0.0**	*0.04*	-	-
Costa Rica	7	**0.1**	*0.04*	0.01	*0.01*	7	**0.1**	*0.03*	0.01	*0.01*
Ecuador, Quito	1	**0.1**	*0.05*	0.01	*0.01*	2	**0.0**	*0.02*	-	-
France, La Martinique	0	-	-	-	-	0	-	-	-	-
Peru, Trujillo	0	-	-	-	-	0	-	-	-	- *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	946	**1.1**	*0.04*	0.13	*0.01*	317	**0.3**	*0.02*	0.04	*0.00*
Canada, Alberta	15	**0.2**	*0.04*	0.02	*0.01*	8	**0.1**	*0.02*	0.01	*0.00*
Canada, British Columbia	21	**0.1**	*0.03*	0.01	*0.00*	11	**0.0**	*0.02*	0.00	*0.00*
Canada, Manitoba	20	**0.4**	*0.09*	0.04	*0.01*	7	**0.1**	*0.03*	0.01	*0.01*
Canada, New Brunswick	4	**0.2**	*0.08*	0.02	*0.01*	5	**0.1**	*0.07*	0.02	*0.01*
Canada, Newfoundland and Labrador	3	**0.1**	*0.07*	0.01	*0.01*	3	**0.2**	*0.09*	0.03	*0.02*
Canada, Northwest Territories	0	-	-	-	-	0	-	-	-	-
Canada, Nova Scotia	5	**0.1**	*0.06*	0.01	*0.01*	2	**0.0**	*0.02*	-	-
Canada, Ontario	872	**2.1**	*0.07*	0.24	*0.01*	279	**0.6**	*0.04*	0.06	*0.00*
Canada, Prince Edward Island	1	**0.1**	*0.14*	-	-	1	**0.3**	*0.27*	0.03	*0.03*
Canada, Saskatchewan	5	**0.1**	*0.03*	-	-	1	**0.0**	*0.01*	-	-
USA, Alabama	29	**0.2**	*0.03*	0.02	*0.01*	18	**0.1**	*0.02*	0.01	*0.00*
USA, Alabama: Black	6	**0.2**	*0.10*	0.04	*0.02*	3	**0.1**	*0.04*	0.01	*0.01*
USA, Alabama: White	22	**0.2**	*0.04*	0.02	*0.01*	15	**0.1**	*0.02*	0.01	*0.00*
USA, Alaska	2	**0.1**	*0.09*	-	-	2	**0.1**	*0.07*	-	-
USA, Arizona	43	**0.2**	*0.03*	0.02	*0.00*	13	**0.1**	*0.02*	0.01	*0.00*
USA, California	228	**0.2**	*0.01*	0.02	*0.00*	134	**0.1**	*0.01*	0.01	*0.00*
USA, California: Asian and Pacific Islander	12	**0.1**	*0.03*	0.01	*0.00*	12	**0.1**	*0.02*	0.01	*0.00*
USA, California: Black	13	**0.2**	*0.06*	0.02	*0.01*	22	**0.3**	*0.06*	0.04	*0.01*
USA, California: Hispanic White	29	**0.2**	*0.04*	0.02	*0.01*	14	**0.1**	*0.02*	0.01	*0.00*
USA, California: Non-Hispanic White	156	**0.2**	*0.02*	0.02	*0.00*	80	**0.1**	*0.01*	0.01	*0.00*
USA, California, Greater San Francisco Bay Area	26	**0.1**	*0.03*	0.01	*0.00*	20	**0.1**	*0.02*	0.01	*0.00*
USA, California, Greater San Francisco Bay Area: Black	5	**0.3**	*0.16*	0.02	*0.02*	8	**0.5**	*0.18*	0.06	*0.03*
USA, California, Greater San Francisco Bay Area: Chinese	1	**0.1**	*0.05*	-	-	0	-	-	-	-
USA, California, Greater San Francisco Bay Area: Filipino	0	-	-	-	-	1	**0.1**	*0.05*	-	-
USA, California, Greater San Francisco Bay Area: Japanese	0	-	-	-	-	0	-	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	3	**0.2**	*0.09*	0.03	*0.02*	1	**0.1**	*0.05*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	16	**0.1**	*0.03*	0.01	*0.00*	9	**0.0**	*0.01*	0.00	*0.00*
USA, California, Los Angeles County	68	**0.2**	*0.03*	0.03	*0.00*	41	**0.1**	*0.02*	0.01	*0.00*
USA, California, Los Angeles County: Black	2	**0.1**	*0.05*	0.01	*0.01*	11	**0.3**	*0.09*	0.04	*0.02*
USA, California, Los Angeles County: Chinese	3	**0.2**	*0.14*	0.04	*0.03*	1	**0.0**	*0.04*	-	-
USA, California, Los Angeles County: Filipino	2	**0.3**	*0.23*	0.05	*0.03*	2	**0.2**	*0.15*	0.03	*0.02*
USA, California, Los Angeles County: Japanese	0	-	-	-	-	0	-	-	-	-
USA, California, Los Angeles County: Korean	2	**0.4**	*0.28*	0.07	*0.06*	1	**0.2**	*0.18*	0.03	*0.03*
USA, California, Los Angeles County: Hispanic White	9	**0.1**	*0.05*	0.01	*0.01*	5	**0.0**	*0.02*	0.00	*0.00*
USA, California, Los Angeles County: Non-Hispanic White	47	**0.3**	*0.05*	0.04	*0.01*	18	**0.1**	*0.03*	0.01	*0.00*
USA, Colorado	23	**0.2**	*0.04*	0.02	*0.01*	14	**0.1**	*0.03*	0.01	*0.00*
USA, Connecticut	21	**0.2**	*0.04*	0.02	*0.01*	16	**0.1**	*0.02*	0.01	*0.00*
USA, Connecticut: Black	2	**0.2**	*0.18*	0.01	*0.01*	2	**0.2**	*0.12*	0.01	*0.01*
USA, Connecticut: White	18	**0.2**	*0.04*	0.02	*0.01*	14	**0.1**	*0.03*	0.01	*0.00*
USA, District of Columbia	2	**0.1**	*0.08*	0.02	*0.02*	3	**0.1**	*0.07*	0.02	*0.01*
USA, District of Columbia: Black	1	**0.1**	*0.10*	0.01	*0.01*	3	**0.2**	*0.10*	0.03	*0.02*
USA, District of Columbia: White	1	**0.2**	*0.19*	0.05	*0.05*	0	-	-	-	-
USA, Florida	106	**0.1**	*0.01*	0.01	*0.00*	71	**0.1**	*0.01*	0.01	*0.00*
USA, Florida: Black	8	**0.1**	*0.05*	0.01	*0.01*	14	**0.2**	*0.06*	0.03	*0.01*
USA, Florida: White	97	**0.1**	*0.01*	0.01	*0.00*	56	**0.1**	*0.01*	0.01	*0.00*
USA, Georgia	59	**0.3**	*0.03*	0.02	*0.00*	34	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia: Black	18	**0.4**	*0.10*	0.05	*0.01*	15	**0.2**	*0.06*	0.03	*0.01*
USA, Georgia: White	40	**0.2**	*0.03*	0.02	*0.00*	19	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia, Atlanta	16	**0.3**	*0.07*	0.02	*0.01*	11	**0.1**	*0.04*	0.01	*0.01*
USA, Georgia, Atlanta: Black	6	**0.4**	*0.18*	0.08	*0.04*	5	**0.2**	*0.09*	0.02	*0.01*
USA, Georgia, Atlanta: White	9	**0.2**	*0.07*	0.01	*0.01*	6	**0.1**	*0.05*	0.01	*0.01*
USA, Idaho	4	**0.1**	*0.03*	0.00	*0.00*	2	**0.0**	*0.01*	-	-
USA, Illinois	79	**0.2**	*0.02*	0.02	*0.00*	50	**0.1**	*0.01*	0.01	*0.00*
USA, Illinois: Black	8	**0.2**	*0.06*	0.01	*0.01*	16	**0.3**	*0.07*	0.03	*0.01*
USA, Illinois: White	71	**0.2**	*0.02*	0.03	*0.00*	32	**0.1**	*0.01*	0.01	*0.00*
USA, Indiana	38	**0.2**	*0.03*	0.02	*0.00*	26	**0.1**	*0.02*	0.01	*0.00*
USA, Iowa	15	**0.1**	*0.04*	0.02	*0.01*	11	**0.1**	*0.02*	0.01	*0.00*
USA, Kentucky	36	**0.2**	*0.04*	0.02	*0.01*	16	**0.1**	*0.03*	0.01	*0.00*
USA, Louisiana	24	**0.2**	*0.03*	0.02	*0.00*	14	**0.1**	*0.02*	0.01	*0.00*
USA, Louisiana: Black	8	**0.2**	*0.08*	0.02	*0.01*	8	**0.2**	*0.06*	0.01	*0.01*
USA, Louisiana: White	16	**0.1**	*0.04*	0.01	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
USA, Louisiana, New Orleans: Black	2	**0.2**	*0.12*	0.01	*0.01*	0	-	-	-	-
USA, Louisiana, New Orleans: White	4	**0.2**	*0.10*	0.02	*0.01*	1	**0.0**	*0.02*	-	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other urinary organs (C68) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	10	**0.2**	*0.06*	0.02	*0.01*	5	**0.1**	*0.05*	0.01	*0.01*
USA, Massachusetts	71	**0.3**	*0.04*	0.03	*0.01*	24	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan	164	**0.5**	*0.04*	0.06	*0.01*	65	**0.2**	*0.02*	0.02	*0.00*
USA, Michigan: Black	23	**0.6**	*0.14*	0.06	*0.02*	13	**0.3**	*0.08*	0.04	*0.01*
USA, Michigan: White	128	**0.4**	*0.04*	0.05	*0.01*	49	**0.1**	*0.02*	0.02	*0.00*
USA, Michigan, Detroit	76	**0.6**	*0.07*	0.07	*0.01*	28	**0.2**	*0.03*	0.02	*0.00*
USA, Michigan, Detroit: Black	17	**0.6**	*0.16*	0.06	*0.02*	8	**0.2**	*0.08*	0.02	*0.01*
USA, Michigan, Detroit: White	54	**0.5**	*0.07*	0.07	*0.01*	19	**0.2**	*0.04*	0.02	*0.01*
USA, Missouri	33	**0.2**	*0.03*	0.02	*0.00*	27	**0.1**	*0.02*	0.01	*0.00*
USA, Missouri: Black	4	**0.3**	*0.14*	0.05	*0.03*	8	**0.4**	*0.15*	0.06	*0.02*
USA, Missouri: White	29	**0.1**	*0.03*	0.02	*0.00*	18	**0.1**	*0.02*	0.01	*0.00*
USA, Montana	8	**0.2**	*0.09*	0.03	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
USA, NPCR	1715	**0.2**	*0.01*	0.02	*0.00*	938	**0.1**	*0.00*	0.01	*0.00*
USA, NPCR: Black	154	**0.2**	*0.02*	0.03	*0.00*	204	**0.2**	*0.02*	0.03	*0.00*
USA, NPCR: White	1486	**0.2**	*0.01*	0.02	*0.00*	690	**0.1**	*0.00*	0.01	*0.00*
USA, New Jersey	83	**0.2**	*0.03*	0.03	*0.00*	38	**0.1**	*0.02*	0.01	*0.00*
USA, New Jersey: Black	9	**0.3**	*0.09*	0.02	*0.01*	15	**0.4**	*0.10*	0.05	*0.02*
USA, New Jersey: White	70	**0.2**	*0.03*	0.03	*0.00*	22	**0.0**	*0.01*	0.00	*0.00*
USA, New Mexico	15	**0.2**	*0.06*	0.02	*0.01*	1	**0.0**	*0.01*	-	-
USA, New Mexico: American Indian	1	**0.3**	*0.25*	-	-	0	**-**	-	-	-
USA, New Mexico: Hispanic White	4	**0.2**	*0.11*	0.04	*0.02*	0	**-**	-	-	-
USA, New Mexico: Non-Hispanic White	10	**0.2**	*0.08*	0.01	*0.01*	1	**0.0**	*0.01*	-	-
USA, New York State	190	**0.3**	*0.02*	0.03	*0.00*	92	**0.1**	*0.01*	0.01	*0.00*
USA, New York State: Black	18	**0.3**	*0.07*	0.03	*0.01*	18	**0.2**	*0.04*	0.02	*0.01*
USA, New York State: White	171	**0.3**	*0.02*	0.03	*0.00*	71	**0.1**	*0.01*	0.01	*0.00*
USA, Ohio	57	**0.1**	*0.02*	0.02	*0.00*	39	**0.1**	*0.02*	0.01	*0.00*
USA, Ohio: Black	4	**0.1**	*0.06*	0.02	*0.01*	11	**0.3**	*0.09*	0.04	*0.01*
USA, Ohio: White	50	**0.1**	*0.02*	0.02	*0.00*	28	**0.1**	*0.01*	0.01	*0.00*
USA, Oklahoma	18	**0.2**	*0.04*	0.02	*0.01*	14	**0.1**	*0.03*	0.01	*0.00*
USA, Oregon	26	**0.2**	*0.04*	0.02	*0.01*	14	**0.1**	*0.02*	0.00	*0.00*
USA, Pennsylvania	97	**0.2**	*0.02*	0.02	*0.00*	58	**0.1**	*0.01*	0.01	*0.00*
USA, Pennsylvania: Black	6	**0.2**	*0.09*	0.03	*0.01*	17	**0.4**	*0.10*	0.04	*0.01*
USA, Pennsylvania: White	89	**0.2**	*0.02*	0.02	*0.00*	39	**0.1**	*0.01*	0.01	*0.00*
USA, Rhode Island	14	**0.3**	*0.09*	0.04	*0.01*	4	**0.1**	*0.03*	0.01	*0.01*
USA, SEER (9 Registries)	206	**0.2**	*0.02*	0.03	*0.00*	94	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (9 Registries): Black	31	**0.4**	*0.08*	0.05	*0.01*	23	**0.2**	*0.05*	0.03	*0.01*
USA, SEER (9 Registries): White	162	**0.2**	*0.02*	0.03	*0.00*	64	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (14 Registries)	561	**0.2**	*0.01*	0.02	*0.00*	286	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	21	**0.1**	*0.03*	0.01	*0.00*	16	**0.1**	*0.02*	0.01	*0.00*
USA, SEER (14 Registries): Black	61	**0.3**	*0.04*	0.03	*0.01*	66	**0.3**	*0.03*	0.03	*0.00*
USA, SEER (14 Registries): Hispanic White	39	**0.2**	*0.03*	0.02	*0.00*	15	**0.1**	*0.02*	0.01	*0.00*
USA, SEER (14 Registries): Non-Hispanic White	414	**0.2**	*0.01*	0.02	*0.00*	181	**0.1**	*0.01*	0.01	*0.00*
USA, South Carolina	21	**0.1**	*0.03*	0.02	*0.00*	21	**0.1**	*0.03*	0.02	*0.00*
USA, South Carolina: Black	5	**0.1**	*0.07*	0.02	*0.01*	9	**0.3**	*0.09*	0.03	*0.01*
USA, South Carolina: White	15	**0.1**	*0.04*	0.02	*0.01*	11	**0.1**	*0.03*	0.01	*0.00*
USA, Texas	86	**0.1**	*0.02*	0.02	*0.00*	76	**0.1**	*0.01*	0.01	*0.00*
USA, Texas: Black	7	**0.2**	*0.06*	0.02	*0.01*	17	**0.3**	*0.07*	0.03	*0.01*
USA, Texas: White	78	**0.1**	*0.02*	0.02	*0.00*	57	**0.1**	*0.01*	0.01	*0.00*
USA, Utah	8	**0.1**	*0.05*	0.02	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
USA, Vermont	2	**0.1**	*0.04*	-	-	2	**0.0**	*0.03*	-	-
USA, Washington State	72	**0.3**	*0.04*	0.04	*0.01*	21	**0.1**	*0.02*	0.01	*0.00*
USA, Washington, Seattle	32	**0.2**	*0.04*	0.02	*0.01*	13	**0.1**	*0.03*	0.01	*0.00*
USA, West Virginia	18	**0.2**	*0.06*	0.02	*0.01*	8	**0.1**	*0.03*	0.01	*0.00*
USA, Wisconsin	33	**0.2**	*0.03*	0.02	*0.00*	28	**0.1**	*0.02*	0.01	*0.00*
Asia										
Bahrain: Bahraini	0	**-**	-	-	-	0	**-**	-	-	-
China, Guangzhou City	9	**0.2**	*0.05*	0.02	*0.01*	8	**0.1**	*0.04*	0.01	*0.01**
China, Hong Kong										
China, Jiashan	0	**-**	-	-	-	0	**-**	-	-	- *
China, Nangang District, Harbin City	8	**0.3**	*0.12*	0.06	*0.02*	2	**0.1**	*0.06*	0.02	*0.01*
China, Shanghai	15	**0.1**	*0.02*	0.01	*0.00*	16	**0.1**	*0.02*	0.01	*0.00**
China, Zhongshan	0	**-**	-	-	-	0	**-**	-	-	- *
Cyprus	2	**0.1**	*0.06*	0.01	*0.01*	1	**0.0**	*0.05*	0.00	*0.00**
India, Chennai (Madras)	3	**0.0**	*0.02*	0.00	*0.00*	2	**0.0**	*0.02*	0.00	*0.00*
India, New Delhi	7	**0.0**	*0.01*	0.00	*0.00*	3	**0.0**	*0.01*	0.00	*0.00**
India, Karunagappally	0	**-**	-	-	-	0	**-**	-	-	-
India, Mumbai (Bombay)	3	**0.0**	*0.01*	0.00	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
India, Nagpur	1	**0.0**	*0.02*	0.00	*0.00*	2	**0.1**	*0.04*	0.01	*0.01**
India, Poona	5	**0.1**	*0.04*	0.02	*0.01*	1	**0.0**	*0.02*	0.00	*0.00**
India, Trivandrum	0	**-**	-	-	-	0	**-**	-	-	- *
Israel	41	**0.2**	*0.04*	0.03	*0.01*	24	**0.1**	*0.02*	0.01	*0.00*
Israel: Jews	39	**0.2**	*0.04*	0.03	*0.01*	23	**0.1**	*0.02*	0.01	*0.00*
Israel: Non-Jews	1	**0.1**	*0.06*	0.00	*0.00*	1	**0.1**	*0.08*	0.01	*0.01*
Japan, Aichi Prefecture	17	**0.4**	*0.11*	0.06	*0.02*	9	**0.2**	*0.06*	0.02	*0.01*
Japan, Fukui Prefecture	7	**0.3**	*0.13*	0.01	*0.01*	3	**0.0**	*0.02*	0.00	*0.00*
Japan, Hiroshima	12	**0.3**	*0.08*	0.03	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
Japan, Miyagi Prefecture	18	**0.2**	*0.04*	0.02	*0.01*	12	**0.1**	*0.03*	0.01	*0.00*
Japan, Nagasaki Prefecture	13	**0.2**	*0.05*	0.02	*0.01*	13	**0.1**	*0.05*	0.01	*0.01*
Japan, Osaka Prefecture	25	**0.1**	*0.01*	0.01	*0.00*	22	**0.0**	*0.01*	0.01	*0.00*
Japan, Yamagata Prefecture	3	**0.0**	*0.02*	0.01	*0.00*	10	**0.1**	*0.03*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other urinary organs (C68) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	67	**0.1**	*0.01*	0.01	*0.00*	78	**0.1**	*0.01*	0.01	*0.00*
Korea, Busan	6	**0.1**	*0.03*	0.01	*0.01*	10	**0.1**	*0.03*	0.01	*0.00*
Korea, Daegu	1	**0.0**	*0.02*	0.00	*0.00*	2	**0.0**	*0.02*	0.01	*0.00*
Korea, Daejeon	2	**0.1**	*0.10*	0.00	*0.00*	3	**0.1**	*0.05*	0.01	*0.01*
Korea, Gwangju	3	**0.1**	*0.07*	0.02	*0.01*	2	**0.1**	*0.04*	0.01	*0.00*
Korea, Incheon	4	**0.1**	*0.05*	0.02	*0.01*	4	**0.1**	*0.03*	0.01	*0.00*
Korea, Jejudo	2	**0.3**	*0.19*	0.02	*0.01*	0	**-**	-	-	-
Korea, Seoul	19	**0.1**	*0.03*	0.01	*0.00*	19	**0.1**	*0.02*	0.01	*0.00*
Korea, Ulsan	3	**0.2**	*0.14*	0.03	*0.02*	4	**0.2**	*0.12*	0.03	*0.02*
Kuwait: Kuwaitis	1	**0.1**	*0.07*	0.01	*0.01*	0	**-**	-	-	-
Kuwait: Non-Kuwaitis	1	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	-	-
Malaysia, Penang	5	**0.3**	*0.13*	0.03	*0.02*	1	**0.0**	*0.05*	0.01	*0.01*
Malaysia, Sarawak	0	**-**	-	-	-	0	**-**	-	-	-
Oman: Omani	3	**0.2**	*0.10*	0.02	*0.01*	0	**-**	-	-	- *
Pakistan, South Karachi	3	**0.1**	*0.06*	0.02	*0.01*	0	**-**	-	-	- *
Philippines, Manila	1	**0.0**	*0.01*	0.00	*0.00*	2	**0.0**	*0.02*	0.00	*0.00**
Singapore	13	**0.2**	*0.05*	0.02	*0.01*	8	**0.1**	*0.03*	0.01	*0.00*
Singapore: Chinese	13	**0.2**	*0.06*	0.02	*0.01*	8	**0.1**	*0.04*	0.01	*0.00*
Singapore: Indian	0	**-**	-	-	-	0	**-**	-	-	-
Singapore: Malay	0	**-**	-	-	-	0	**-**	-	-	-
Thailand, Chiang Mai	6	**0.2**	*0.07*	0.03	*0.01*	5	**0.1**	*0.05*	0.01	*0.01**
Thailand, Lampang	1	**0.0**	*0.05*	0.01	*0.01*	1	**0.1**	*0.05*	0.01	*0.01**
Thailand, Songkhla	0	**-**	-	-	-	0	**-**	-	-	-
Turkey, Antalya	3	**0.1**	*0.06*	0.01	*0.01*	0	**-**	-	-	- *
Turkey, Izmir	8	**0.1**	*0.04*	0.02	*0.01*	1	**0.0**	*0.01*	0.00	*0.00**
Europe										
Austria	117	**0.4**	*0.03*	0.04	*0.00*	77	**0.1**	*0.02*	0.01	*0.00*
Austria, Tyrol	5	**0.2**	*0.08*	0.03	*0.01*	2	**0.1**	*0.05*	0.01	*0.01*
Austria, Vorarlberg	3	**0.3**	*0.17*	0.02	*0.02*	2	**0.1**	*0.09*	0.01	*0.01*
Belarus	11	**0.0**	*0.01*	0.00	*0.00*	16	**0.0**	*0.01*	0.00	*0.00**
Belgium, Antwerp	21	**0.3**	*0.06*	0.03	*0.01*	6	**0.1**	*0.03*	0.01	*0.00**
Belgium, Flanders	50	**0.2**	*0.03*	0.03	*0.00*	16	**0.1**	*0.02*	0.01	*0.00*
Bulgaria	71	**0.2**	*0.03*	0.03	*0.00*	45	**0.1**	*0.02*	0.01	*0.00**
Croatia	12	**0.1**	*0.02*	0.01	*0.00*	15	**0.1**	*0.02*	0.01	*0.00*
Czech Republic	37	**0.1**	*0.02*	0.01	*0.00*	33	**0.1**	*0.02*	0.01	*0.00*
Denmark	26	**0.1**	*0.03*	0.02	*0.00*	25	**0.1**	*0.02*	0.01	*0.00*
Estonia	5	**0.1**	*0.05*	0.01	*0.01*	5	**0.1**	*0.04*	0.01	*0.00*
Finland	26	**0.1**	*0.03*	0.01	*0.00*	28	**0.1**	*0.02*	0.01	*0.00*
France, Bas-Rhin	6	**0.2**	*0.07*	0.02	*0.01*	2	**0.0**	*0.03*	0.00	*0.00*
France, Calvados	1	**0.0**	*0.02*	-	-	1	**0.0**	*0.02*	-	-
France, Doubs	1	**0.0**	*0.04*	-	-	3	**0.2**	*0.10*	0.02	*0.01*
France, Haut-Rhin	4	**0.1**	*0.07*	0.02	*0.01*	2	**0.0**	*0.02*	-	-
France, Herault	2	**0.0**	*0.02*	-	-	2	**0.1**	*0.04*	0.01	*0.01*
France, Isere	8	**0.2**	*0.09*	0.01	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
France, Loire-Atlantique	12	**0.3**	*0.08*	0.05	*0.02*	4	**0.1**	*0.09*	0.01	*0.00*
France, Manche	3	**0.1**	*0.06*	0.02	*0.01*	2	**0.0**	*0.03*	0.01	*0.01*
France, Somme	9	**0.3**	*0.12*	0.03	*0.02*	0	**-**	-	-	-
France, Tarn	9	**0.5**	*0.18*	0.06	*0.03*	3	**0.1**	*0.03*	-	-
France, Vendee	8	**0.3**	*0.12*	0.04	*0.02*	2	**0.1**	*0.06*	0.01	*0.01*
Germany, Brandenburg	36	**0.3**	*0.06*	0.05	*0.01*	24	**0.1**	*0.03*	0.02	*0.00*
Germany, Free State of Saxony	66	**0.3**	*0.04*	0.03	*0.01*	62	**0.2**	*0.04*	0.02	*0.00*
Germany, Hamburg	47	**0.6**	*0.09*	0.07	*0.01*	25	**0.2**	*0.05*	0.03	*0.01*
Germany, Mecklenburg-Western Pomerania	16	**0.2**	*0.06*	0.02	*0.01*	7	**0.0**	*0.02*	0.00	*0.00*
Germany, Munich	9	**0.1**	*0.03*	0.01	*0.00*	17	**0.1**	*0.03*	0.01	*0.00*
Germany, Northrhine-Westphalia: Munster	81	**0.7**	*0.08*	0.07	*0.01*	49	**0.3**	*0.04*	0.03	*0.01*
Germany, Saarland	24	**0.5**	*0.10*	0.04	*0.01*	13	**0.1**	*0.05*	0.02	*0.01*
Iceland	2	**0.2**	*0.15*	0.03	*0.03*	1	**0.2**	*0.16*	0.02	*0.02*
Ireland	12	**0.1**	*0.03*	0.01	*0.00*	9	**0.1**	*0.02*	0.01	*0.00*
Italy, Biella Province	3	**0.3**	*0.18*	0.03	*0.02*	4	**0.3**	*0.15*	0.05	*0.03*
Italy, Brescia Province	36	**1.4**	*0.23*	0.16	*0.03*	15	**0.4**	*0.13*	0.04	*0.02*
Italy, Ferrara Province	14	**0.7**	*0.20*	0.05	*0.02*	8	**0.2**	*0.08*	0.02	*0.01*
Italy, Florence and Prato	21	**0.3**	*0.07*	0.02	*0.01*	7	**0.1**	*0.05*	0.01	*0.01*
Italy, Genoa Province	11	**0.3**	*0.11*	0.03	*0.01*	6	**0.3**	*0.27*	0.02	*0.01*
Italy, Macerata Province	2	**0.2**	*0.18*	0.04	*0.03*	0	**-**	-	-	-
Italy, Milan	22	**0.4**	*0.08*	0.02	*0.01*	9	**0.1**	*0.05*	0.01	*0.01*
Italy, Modena Province	2	**0.0**	*0.03*	0.01	*0.01*	2	**0.0**	*0.01*	-	-
Italy, Naples	2	**0.2**	*0.11*	0.01	*0.01*	1	**0.0**	*0.04*	0.01	*0.01*
Italy, North East Cancer Surveillance Network	244	**2.4**	*0.16*	0.24	*0.02*	130	**0.8**	*0.09*	0.08	*0.01*
Italy, Parma Province	3	**0.1**	*0.07*	0.01	*0.01*	1	**0.1**	*0.07*	0.01	*0.01*
Italy, Ragusa Province	2	**0.2**	*0.13*	0.03	*0.02*	0	**-**	-	-	-
Italy, Reggio Emilia Province	1	**0.0**	*0.04*	0.01	*0.01*	7	**0.1**	*0.03*	-	-
Italy, Romagna Region	18	**0.3**	*0.07*	0.03	*0.01*	8	**0.1**	*0.06*	0.02	*0.01*
Italy, Salerno Province	6	**0.2**	*0.08*	0.02	*0.01*	5	**0.1**	*0.06*	0.02	*0.01*
Italy, Sassari Province	4	**0.2**	*0.10*	0.03	*0.02*	2	**0.1**	*0.06*	0.01	*0.01*
Italy, Syracuse Province	3	**0.2**	*0.13*	0.04	*0.03*	0	**-**	-	-	-
Italy, Sondrio	2	**0.3**	*0.22*	0.04	*0.03*	0	**-**	-	-	-
Italy, Torino	17	**0.3**	*0.08*	0.04	*0.01*	5	**0.1**	*0.04*	0.01	*0.01*
Italy, Umbria Region	46	**1.0**	*0.16*	0.11	*0.02*	15	**0.2**	*0.07*	0.03	*0.01*
Italy, Varese Province	18	**0.8**	*0.19*	0.10	*0.03*	6	**0.2**	*0.10*	0.03	*0.02*
Italy, Veneto Region	165	**2.1**	*0.17*	0.20	*0.02*	63	**0.5**	*0.07*	0.05	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other urinary organs (C68) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	10	**0.1**	*0.04*	0.01	*0.01*	7	**0.0**	*0.02*	0.01	*0.00*
Lithuania	6	**0.1**	*0.02*	0.01	*0.00*	14	**0.1**	*0.03*	0.01	*0.00*
Malta	0	**-**	-	-	-	0	**-**	-	-	-
Norway	27	**0.2**	*0.03*	0.02	*0.00*	18	**0.1**	*0.02*	0.01	*0.00*
Poland, Cracow	1	**0.0**	*0.03*	0.01	*0.01*	1	**0.0**	*0.02*	-	- *
Poland, Kielce	5	**0.1**	*0.06*	0.01	*0.01*	4	**0.1**	*0.04*	0.01	*0.00*
Poland, Warsaw City	3	**0.1**	*0.03*	0.01	*0.00*	6	**0.1**	*0.03*	0.01	*0.00*
Portugal, Porto	61	**0.6**	*0.08*	0.07	*0.01*	23	**0.1**	*0.04*	0.01	*0.00**
Portugal, South Regional	106	**0.8**	*0.08*	0.09	*0.01*	78	**0.4**	*0.05*	0.03	*0.01*
Russia, St Petersburg	3	**0.0**	*0.01*	0.00	*0.00*	11	**0.0**	*0.02*	0.01	*0.00*
Serbia	41	**0.2**	*0.04*	0.03	*0.00*	24	**0.1**	*0.02*	0.01	*0.00*
Slovak Republic	15	**0.1**	*0.03*	0.01	*0.00*	9	**0.0**	*0.01*	0.00	*0.00*
Slovenia	5	**0.1**	*0.03*	0.01	*0.00*	3	**0.0**	*0.02*	0.01	*0.00*
Spain, Albacete	6	**0.4**	*0.18*	0.06	*0.03*	3	**0.2**	*0.14*	0.03	*0.02*
Spain, Asturias	182	**3.2**	*0.27*	0.38	*0.04*	43	**0.5**	*0.10*	0.06	*0.01*
Spain, Basque Country	15	**0.2**	*0.06*	0.03	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
Spain, Canary Islands	17	**0.3**	*0.08*	0.04	*0.01*	4	**0.1**	*0.03*	0.01	*0.01*
Spain, Cuenca	5	**0.6**	*0.31*	0.07	*0.04*	1	**0.0**	*0.03*	-	-
Spain, Girona	3	**0.1**	*0.04*	-	-	3	**0.0**	*0.03*	-	-
Spain, Granada	4	**0.1**	*0.06*	0.01	*0.01*	1	**0.0**	*0.04*	0.00	*0.00*
Spain, Murcia	19	**0.4**	*0.09*	0.03	*0.01*	5	**0.1**	*0.04*	0.01	*0.01*
Spain, Navarra	10	**0.3**	*0.12*	0.05	*0.02*	2	**0.1**	*0.07*	0.01	*0.01*
Spain, Tarragona	8	**0.3**	*0.10*	0.03	*0.02*	3	**0.1**	*0.08*	0.01	*0.01*
Spain, Zaragoza	0	**-**	-	-	-	0	**-**	-	-	-
Sweden	97	**0.2**	*0.02*	0.03	*0.00*	70	**0.1**	*0.02*	0.01	*0.00*
Switzerland, Geneva	3	**0.2**	*0.10*	0.03	*0.02*	0	**-**	-	-	-
Switzerland, Graubunden and Glarus	1	**0.1**	*0.14*	0.02	*0.02*	1	**0.0**	*0.05*	-	-
Switzerland, Neuchatel	4	**0.5**	*0.29*	0.05	*0.03*	0	**-**	-	-	-
Switzerland, St Gall-Appenzell	6	**0.3**	*0.11*	0.03	*0.02*	2	**0.1**	*0.09*	0.01	*0.01*
Switzerland, Ticino	3	**0.2**	*0.13*	0.03	*0.02*	4	**0.1**	*0.05*	-	-
Switzerland, Valais	5	**0.4**	*0.19*	0.05	*0.03*	0	**-**	-	-	-
Switzerland, Vaud	6	**0.2**	*0.11*	0.03	*0.02*	2	**0.0**	*0.02*	-	-
The Netherlands	121	**0.2**	*0.02*	0.02	*0.00*	44	**0.1**	*0.01*	0.01	*0.00*
The Netherlands, Eindhoven	8	**0.2**	*0.07*	0.01	*0.01*	1	**0.0**	*0.01*	-	-
The Netherlands, Maastricht	10	**0.3**	*0.10*	0.03	*0.01*	7	**0.1**	*0.04*	0.02	*0.01*
UK, East of England Region	21	**0.1**	*0.03*	0.01	*0.00*	4	**0.0**	*0.02*	0.01	*0.00*
UK, England, Merseyside and Cheshire	19	**0.2**	*0.04*	0.01	*0.01*	11	**0.1**	*0.02*	0.01	*0.00*
UK, England, North Western	33	**0.2**	*0.03*	0.02	*0.00*	11	**0.0**	*0.02*	0.00	*0.00*
UK, England, Northern and Yorkshire	19	**0.1**	*0.01*	0.01	*0.00*	14	**0.0**	*0.01*	0.00	*0.00*
UK, England, Oxford Region	9	**0.1**	*0.03*	0.01	*0.00*	5	**0.1**	*0.02*	0.01	*0.00*
UK, England, South and Western Regions	112	**0.3**	*0.03*	0.04	*0.00*	46	**0.1**	*0.02*	0.01	*0.00*
UK, England, Thames	82	**0.2**	*0.02*	0.02	*0.00*	40	**0.1**	*0.01*	0.01	*0.00*
UK, England, Trent	49	**0.2**	*0.03*	0.02	*0.00*	13	**0.1**	*0.02*	0.00	*0.00*
UK, England, West Midlands	23	**0.1**	*0.02*	0.01	*0.00*	18	**0.1**	*0.01*	0.01	*0.00*
UK, Northern Ireland	26	**0.4**	*0.09*	0.05	*0.01*	10	**0.2**	*0.05*	0.02	*0.01*
UK, Scotland	29	**0.1**	*0.02*	0.01	*0.00*	22	**0.1**	*0.02*	0.01	*0.00*
Oceania										
Australia, New South Wales	59	**0.2**	*0.03*	0.02	*0.00*	16	**0.0**	*0.01*	0.01	*0.00*
Australia, Northern Territory	0	**-**	-	-	-	0	**-**	-	-	-
Australia, Queensland	34	**0.3**	*0.04*	0.03	*0.01*	12	**0.1**	*0.03*	0.01	*0.00*
Australia, South	1	**0.0**	*0.01*	0.00	*0.00*	6	**0.1**	*0.04*	0.01	*0.01*
Australia, Tasmania	0	**-**	-	-	-	1	**0.1**	*0.07*	0.01	*0.01*
Australia, Victoria	36	**0.2**	*0.03*	0.02	*0.01*	4	**0.0**	*0.01*	0.00	*0.00*
Australia, Western	18	**0.2**	*0.06*	0.01	*0.01*	5	**0.1**	*0.04*	0.01	*0.01*
Australian Capital Territory	2	**0.2**	*0.12*	-	-	0	**-**	-	-	-
French Polynesia	1	**0.3**	*0.26*	0.03	*0.03*	0	**-**	-	-	-
New Zealand	31	**0.2**	*0.04*	0.03	*0.01*	10	**0.1**	*0.02*	0.01	*0.00*
USA, Hawaii	5	**0.1**	*0.04*	0.01	*0.01*	0	**-**	-	-	-
USA, Hawaii: Chinese	0	**-**	-	-	-	0	**-**	-	-	-
USA, Hawaii: Filipino	1	**0.1**	*0.08*	-	-	0	**-**	-	-	-
USA, Hawaii: Hawaiian	0	**-**	-	-	-	0	**-**	-	-	-
USA, Hawaii: Japanese	2	**0.1**	*0.07*	0.01	*0.01*	0	**-**	-	-	-
USA, Hawaii: White	2	**0.1**	*0.10*	0.01	*0.01*	0	**-**	-	-	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Eye (C69)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	4	**0.2**	*0.09*	-	-	0	**-**	-	-	- *
Egypt, Gharbiah	24	**0.4**	*0.09*	-	-	14	**0.2**	*0.06*	-	-
Tunisia, Centre, Sousse	3	**0.3**	*0.18*	-	-	2	**0.2**	*0.14*	-	- *
Uganda, Kyadondo County	56	**2.2**	*0.40*	-	-	60	**2.0**	*0.32*	-	- *
Zimbabwe, Harare: African	141	**3.8**	*0.37*	-	-	117	**3.8**	*0.47*	-	- *
America, Central and South										
Argentina, Bahia Blanca	3	**0.4**	*0.23*	0.04	*0.03*	4	**0.4**	*0.26*	0.02	*0.02*
Brazil, Brasilia	38	**1.5**	*0.26*	0.16	*0.04*	32	**1.0**	*0.19*	0.09	*0.03*
Brazil, Cuiaba	8	**1.2**	*0.44*	0.12	*0.07*	3	**0.3**	*0.20*	0.03	*0.02*
Brazil, Goiania	19	**1.2**	*0.29*	0.15	*0.05*	18	**0.9**	*0.22*	0.07	*0.02*
Brazil, Sao Paulo	310	**1.5**	*0.09*	0.14	*0.01*	300	**1.1**	*0.07*	0.10	*0.01*
Chile, Valdivia	3	**0.4**	*0.21*	0.04	*0.03*	3	**0.3**	*0.16*	0.02	*0.02*
Colombia, Cali	33	**0.9**	*0.18*	0.08	*0.02*	32	**0.8**	*0.14*	0.07	*0.02*
Costa Rica	60	**0.7**	*0.10*	0.07	*0.01*	35	**0.4**	*0.07*	0.04	*0.01*
Ecuador, Quito	21	**0.7**	*0.16*	0.07	*0.02*	21	**0.6**	*0.14*	0.03	*0.01*
France, La Martinique	1	**0.1**	*0.06*	-	-	0	**-**	-	-	-
Peru, Trujillo	7	**0.6**	*0.22*	0.04	*0.02*	6	**0.5**	*0.20*	0.04	*0.02* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	555	**0.8**	*0.04*	0.08	*0.00*	454	**0.6**	*0.03*	0.06	*0.00*
Canada, Alberta	61	**0.8**	*0.11*	0.07	*0.01*	46	**0.5**	*0.08*	0.05	*0.01*
Canada, British Columbia	91	**0.7**	*0.09*	0.08	*0.01*	73	**0.5**	*0.07*	0.05	*0.01*
Canada, Manitoba	23	**0.6**	*0.14*	0.08	*0.02*	17	**0.4**	*0.11*	0.05	*0.01*
Canada, New Brunswick	10	**0.4**	*0.13*	0.05	*0.02*	14	**0.6**	*0.20*	0.04	*0.02*
Canada, Newfoundland and Labrador	9	**0.6**	*0.24*	0.07	*0.03*	7	**0.3**	*0.12*	0.04	*0.02*
Canada, Northwest Territories	0	**-**	-	-	-	1	**1.5**	*1.45*	0.06	*0.06*
Canada, Nova Scotia	18	**0.6**	*0.17*	0.05	*0.02*	14	**0.3**	*0.10*	0.04	*0.01*
Canada, Ontario	312	**0.9**	*0.06*	0.09	*0.01*	259	**0.7**	*0.05*	0.06	*0.00*
Canada, Prince Edward Island	3	**0.7**	*0.38*	0.10	*0.06*	2	**0.2**	*0.11*	-	-
Canada, Saskatchewan	28	**0.9**	*0.18*	0.10	*0.02*	21	**0.6**	*0.15*	0.05	*0.01*
USA, Alabama	64	**0.5**	*0.07*	0.05	*0.01*	45	**0.3**	*0.06*	0.03	*0.00*
USA, Alabama: Black	4	**0.2**	*0.08*	0.01	*0.01*	5	**0.2**	*0.08*	0.01	*0.00*
USA, Alabama: White	59	**0.6**	*0.09*	0.06	*0.01*	40	**0.3**	*0.07*	0.03	*0.01*
USA, Alaska	9	**0.8**	*0.27*	0.07	*0.03*	3	**0.2**	*0.09*	0.02	*0.01*
USA, Arizona	100	**0.6**	*0.07*	0.07	*0.01*	80	**0.5**	*0.06*	0.04	*0.01*
USA, California	718	**0.8**	*0.03*	0.08	*0.00*	547	**0.5**	*0.03*	0.05	*0.00*
USA, California: Asian and Pacific Islander	20	**0.3**	*0.06*	0.02	*0.01*	13	**0.1**	*0.03*	0.01	*0.00*
USA, California: Black	13	**0.2**	*0.07*	0.01	*0.00*	6	**0.1**	*0.04*	0.01	*0.00*
USA, California: Hispanic White	117	**0.6**	*0.06*	0.05	*0.01*	86	**0.4**	*0.05*	0.04	*0.01*
USA, California: Non-Hispanic White	544	**1.0**	*0.05*	0.10	*0.01*	420	**0.7**	*0.04*	0.07	*0.00*
USA, California, Greater San Francisco Bay Area	143	**0.8**	*0.07*	0.08	*0.01*	112	**0.6**	*0.06*	0.06	*0.01*
USA, California, Greater San Francisco Bay Area: Black	2	**0.1**	*0.08*	0.00	*0.00*	1	**0.1**	*0.07*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Chinese	1	**0.2**	*0.17*	0.01	*0.01*	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Filipino	2	**0.3**	*0.25*	0.04	*0.03*	2	**0.1**	*0.11*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Japanese	0	**-**	-	-	-	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	15	**0.5**	*0.13*	0.04	*0.01*	12	**0.5**	*0.14*	0.05	*0.02*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	114	**1.0**	*0.11*	0.11	*0.01*	92	**0.8**	*0.11*	0.08	*0.01*
USA, California, Los Angeles County	165	**0.7**	*0.06*	0.06	*0.01*	120	**0.4**	*0.04*	0.04	*0.00*
USA, California, Los Angeles County: Black	3	**0.2**	*0.11*	0.01	*0.00*	3	**0.1**	*0.07*	0.01	*0.00*
USA, California, Los Angeles County: Chinese	2	**0.3**	*0.26*	0.03	*0.02*	1	**0.1**	*0.07*	0.01	*0.01*
USA, California, Los Angeles County: Filipino	0	**-**	-	-	-	1	**0.1**	*0.09*	0.01	*0.01*
USA, California, Los Angeles County: Japanese	1	**0.9**	*0.86*	0.04	*0.04*	0	**-**	-	-	-
USA, California, Los Angeles County: Korean	0	**-**	-	-	-	0	**-**	-	-	-
USA, California, Los Angeles County: Hispanic White	49	**0.6**	*0.09*	0.06	*0.01*	29	**0.4**	*0.07*	0.04	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	104	**1.0**	*0.12*	0.09	*0.01*	83	**0.7**	*0.09*	0.07	*0.01*
USA, Colorado	82	**0.7**	*0.08*	0.08	*0.01*	107	**0.9**	*0.09*	0.09	*0.01*
USA, Connecticut	62	**0.6**	*0.09*	0.06	*0.01*	81	**0.7**	*0.09*	0.06	*0.01*
USA, Connecticut: Black	2	**0.2**	*0.13*	0.01	*0.01*	3	**0.5**	*0.26*	0.03	*0.02*
USA, Connecticut: White	60	**0.7**	*0.10*	0.06	*0.01*	77	**0.7**	*0.10*	0.06	*0.01*
USA, District of Columbia	3	**0.4**	*0.25*	0.02	*0.01*	4	**0.3**	*0.16*	0.02	*0.01*
USA, District of Columbia: Black	2	**0.4**	*0.29*	0.02	*0.01*	2	**0.3**	*0.22*	0.02	*0.01*
USA, District of Columbia: White	1	**0.5**	*0.55*	0.02	*0.02*	1	**0.1**	*0.05*	-	-
USA, Florida	482	**0.9**	*0.05*	0.09	*0.00*	412	**0.7**	*0.04*	0.06	*0.00*
USA, Florida: Black	23	**0.4**	*0.09*	0.03	*0.01*	11	**0.2**	*0.06*	0.02	*0.01*
USA, Florida: White	441	**1.0**	*0.06*	0.09	*0.01*	387	**0.7**	*0.05*	0.07	*0.00*
USA, Georgia	121	**0.6**	*0.06*	0.06	*0.01*	91	**0.4**	*0.05*	0.04	*0.00*
USA, Georgia: Black	16	**0.3**	*0.09*	0.02	*0.00*	10	**0.2**	*0.07*	0.01	*0.00*
USA, Georgia: White	103	**0.7**	*0.08*	0.07	*0.01*	79	**0.5**	*0.06*	0.05	*0.01*
USA, Georgia, Atlanta	32	**0.5**	*0.09*	0.05	*0.01*	28	**0.4**	*0.09*	0.04	*0.01*
USA, Georgia, Atlanta: Black	2	**0.1**	*0.06*	0.00	*0.00*	5	**0.3**	*0.12*	0.01	*0.00*
USA, Georgia, Atlanta: White	27	**0.6**	*0.13*	0.06	*0.01*	22	**0.5**	*0.11*	0.05	*0.01*
USA, Idaho	17	**0.3**	*0.08*	0.02	*0.01*	20	**0.6**	*0.14*	0.05	*0.01*
USA, Illinois	235	**0.7**	*0.05*	0.07	*0.01*	185	**0.5**	*0.04*	0.05	*0.00*
USA, Illinois: Black	12	**0.3**	*0.09*	0.02	*0.01*	11	**0.3**	*0.08*	0.02	*0.01*
USA, Illinois: White	208	**0.7**	*0.05*	0.07	*0.01*	164	**0.5**	*0.05*	0.05	*0.00*
USA, Indiana	126	**0.7**	*0.07*	0.08	*0.01*	97	**0.5**	*0.06*	0.05	*0.01*
USA, Iowa	85	**0.9**	*0.11*	0.09	*0.01*	73	**0.8**	*0.11*	0.07	*0.01*
USA, Kentucky	109	**0.9**	*0.09*	0.09	*0.01*	90	**0.7**	*0.08*	0.06	*0.01*
USA, Louisiana	88	**0.7**	*0.08*	0.07	*0.01*	75	**0.6**	*0.07*	0.05	*0.01*
USA, Louisiana: Black	9	**0.3**	*0.10*	0.02	*0.01*	7	**0.2**	*0.09*	0.02	*0.01*
USA, Louisiana: White	78	**0.9**	*0.11*	0.09	*0.01*	68	**0.7**	*0.10*	0.07	*0.01*
USA, Louisiana, New Orleans: Black	2	**0.1**	*0.10*	-	-	3	**0.3**	*0.18*	0.03	*0.02*
USA, Louisiana, New Orleans: White	17	**0.9**	*0.23*	0.12	*0.03*	15	**0.8**	*0.24*	0.08	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Eye (C69) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	33	**0.9**	*0.17*	0.09	*0.02*	40	**0.9**	*0.16*	0.10	*0.02*
USA, Massachusetts	159	**0.9**	*0.07*	0.09	*0.01*	145	**0.6**	*0.06*	0.07	*0.01*
USA, Michigan	188	**0.7**	*0.06*	0.06	*0.01*	153	**0.5**	*0.05*	0.04	*0.00*
USA, Michigan: Black	9	**0.3**	*0.10*	0.02	*0.01*	5	**0.1**	*0.07*	0.01	*0.01*
USA, Michigan: White	170	**0.7**	*0.06*	0.07	*0.01*	141	**0.5**	*0.05*	0.05	*0.00*
USA, Michigan, Detroit	66	**0.7**	*0.09*	0.06	*0.01*	58	**0.4**	*0.06*	0.04	*0.01*
USA, Michigan, Detroit: Black	7	**0.3**	*0.13*	0.03	*0.01*	5	**0.2**	*0.10*	0.02	*0.01*
USA, Michigan, Detroit: White	57	**0.8**	*0.11*	0.07	*0.01*	51	**0.5**	*0.08*	0.04	*0.01*
USA, Missouri	138	**0.8**	*0.07*	0.09	*0.01*	99	**0.6**	*0.07*	0.05	*0.01*
USA, Missouri: Black	4	**0.3**	*0.15*	0.02	*0.01*	1	**0.1**	*0.09*	0.00	*0.00*
USA, Missouri: White	130	**0.8**	*0.08*	0.09	*0.01*	98	**0.7**	*0.08*	0.06	*0.01*
USA, Montana	25	**0.9**	*0.21*	0.10	*0.02*	23	**0.9**	*0.23*	0.07	*0.02*
USA, NPCR	4871	**0.8**	*0.01*	0.08	*0.00*	4121	**0.6**	*0.01*	0.06	*0.00*
USA, NPCR: Black	180	**0.3**	*0.02*	0.02	*0.00*	128	**0.2**	*0.02*	0.01	*0.00*
USA, NPCR: White	4491	**0.8**	*0.01*	0.08	*0.00*	3816	**0.6**	*0.01*	0.06	*0.00*
USA, New Jersey	190	**0.8**	*0.06*	0.08	*0.01*	172	**0.6**	*0.05*	0.05	*0.01*
USA, New Jersey: Black	9	**0.4**	*0.12*	0.03	*0.01*	3	**0.1**	*0.08*	0.01	*0.00*
USA, New Jersey: White	174	**0.8**	*0.07*	0.09	*0.01*	162	**0.6**	*0.06*	0.06	*0.01*
USA, New Mexico	34	**0.7**	*0.12*	0.06	*0.01*	35	**0.5**	*0.11*	0.05	*0.01*
USA, New Mexico: American Indian	3	**0.8**	*0.45*	0.02	*0.02*	1	**0.1**	*0.14*	-	-
USA, New Mexico: Hispanic White	8	**0.5**	*0.17*	0.05	*0.02*	10	**0.5**	*0.16*	0.02	*0.01*
USA, New Mexico: Non-Hispanic White	23	**0.7**	*0.17*	0.07	*0.02*	24	**0.6**	*0.15*	0.07	*0.02*
USA, New York State	438	**0.9**	*0.05*	0.08	*0.00*	416	**0.7**	*0.04*	0.06	*0.00*
USA, New York State: Black	25	**0.4**	*0.09*	0.03	*0.01*	17	**0.3**	*0.07*	0.02	*0.00*
USA, New York State: White	403	**1.0**	*0.05*	0.09	*0.01*	389	**0.8**	*0.05*	0.07	*0.00*
USA, Ohio	221	**0.7**	*0.05*	0.07	*0.01*	213	**0.6**	*0.05*	0.05	*0.00*
USA, Ohio: Black	8	**0.3**	*0.10*	0.02	*0.01*	7	**0.3**	*0.10*	0.02	*0.01*
USA, Ohio: White	206	**0.7**	*0.05*	0.07	*0.01*	201	**0.6**	*0.05*	0.05	*0.00*
USA, Oklahoma	85	**0.8**	*0.09*	0.10	*0.01*	67	**0.6**	*0.09*	0.06	*0.01*
USA, Oregon	94	**0.9**	*0.10*	0.11	*0.01*	84	**0.7**	*0.08*	0.08	*0.01*
USA, Pennsylvania	324	**0.9**	*0.06*	0.08	*0.01*	274	**0.6**	*0.05*	0.06	*0.00*
USA, Pennsylvania: Black	10	**0.3**	*0.11*	0.04	*0.02*	13	**0.5**	*0.13*	0.04	*0.01*
USA, Pennsylvania: White	304	**0.9**	*0.06*	0.09	*0.01*	258	**0.6**	*0.05*	0.06	*0.00*
USA, Rhode Island	20	**0.6**	*0.13*	0.08	*0.02*	22	**0.6**	*0.15*	0.07	*0.02*
USA, SEER (9 Registries)	530	**0.7**	*0.03*	0.07	*0.00*	483	**0.6**	*0.03*	0.05	*0.00*
USA, SEER (9 Registries): Black	14	**0.2**	*0.05*	0.01	*0.01*	14	**0.2**	*0.06*	0.01	*0.00*
USA, SEER (9 Registries): White	486	**0.8**	*0.04*	0.08	*0.00*	448	**0.7**	*0.04*	0.06	*0.00*
USA, SEER (14 Registries)	1546	**0.8**	*0.02*	0.07	*0.00*	1291	**0.6**	*0.02*	0.05	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	37	**0.3**	*0.05*	0.02	*0.00*	27	**0.2**	*0.04*	0.01	*0.00*
USA, SEER (14 Registries): Black	46	**0.3**	*0.04*	0.02	*0.00*	32	**0.2**	*0.03*	0.01	*0.00*
USA, SEER (14 Registries): Hispanic White	151	**0.6**	*0.05*	0.04	*0.01*	113	**0.4**	*0.04*	0.04	*0.00*
USA, SEER (14 Registries): Non-Hispanic White	1271	**0.9**	*0.03*	0.09	*0.00*	1087	**0.7**	*0.03*	0.07	*0.00*
USA, South Carolina	66	**0.6**	*0.08*	0.05	*0.01*	45	**0.3**	*0.06*	0.03	*0.01*
USA, South Carolina: Black	8	**0.3**	*0.11*	0.01	*0.01*	1	**0.0**	*0.04*	0.00	*0.00*
USA, South Carolina: White	57	**0.6**	*0.10*	0.06	*0.01*	39	**0.4**	*0.08*	0.04	*0.01*
USA, Texas	387	**0.7**	*0.04*	0.07	*0.00*	301	**0.5**	*0.03*	0.05	*0.00*
USA, Texas: Black	13	**0.3**	*0.07*	0.01	*0.00*	14	**0.3**	*0.07*	0.02	*0.00*
USA, Texas: White	366	**0.8**	*0.04*	0.08	*0.01*	274	**0.5**	*0.04*	0.05	*0.00*
USA, Utah	51	**1.0**	*0.14*	0.12	*0.02*	38	**0.6**	*0.11*	0.07	*0.01*
USA, Vermont	9	**0.6**	*0.21*	0.05	*0.02*	12	**0.6**	*0.22*	0.06	*0.02*
USA, Washington State	143	**0.8**	*0.07*	0.08	*0.01*	131	**0.8**	*0.08*	0.08	*0.01*
USA, Washington, Seattle	95	**0.8**	*0.09*	0.08	*0.01*	82	**0.7**	*0.09*	0.07	*0.01*
USA, West Virginia	53	**0.9**	*0.14*	0.10	*0.01*	37	**0.6**	*0.12*	0.06	*0.01*
USA, Wisconsin	157	**1.0**	*0.09*	0.08	*0.01*	128	**0.8**	*0.08*	0.08	*0.01*
Asia										
Bahrain: Bahraini	0	**-**	-	-	-	1	**0.1**	*0.09*	0.00	*0.00*
China, Guangzhou City	13	**0.3**	*0.09*	0.02	*0.01*	11	**0.3**	*0.09*	0.02	*0.01**
China, Hong Kong	32	**0.3**	*0.06*	0.02	*0.00*	26	**0.2**	*0.05*	0.01	*0.00*
China, Jiashan	1	**0.1**	*0.06*	0.00	*0.00*	1	**0.1**	*0.08*	-	- *
China, Nangang District, Harbin City	2	**0.1**	*0.06*	0.01	*0.01*	2	**0.2**	*0.20*	0.01	*0.01*
China, Shanghai	28	**0.3**	*0.07*	0.02	*0.00*	18	**0.2**	*0.07*	0.01	*0.00**
China, Zhongshan	5	**0.2**	*0.08*	0.01	*0.01*	6	**0.2**	*0.10*	0.02	*0.01**
Cyprus	6	**0.3**	*0.11*	0.04	*0.02*	5	**0.2**	*0.09*	0.02	*0.01**
India, Chennai (Madras)	23	**0.3**	*0.06*	0.02	*0.00*	19	**0.2**	*0.06*	0.01	*0.00*
India, New Delhi	95	**0.3**	*0.03*	0.02	*0.00*	39	**0.2**	*0.03*	0.01	*0.00**
India, Karunagappally	1	**0.1**	*0.13*	0.01	*0.01*	1	**0.1**	*0.12*	0.01	*0.01*
India, Mumbai (Bombay)	37	**0.2**	*0.03*	0.01	*0.00*	33	**0.2**	*0.03*	0.01	*0.00*
India, Nagpur	13	**0.3**	*0.09*	0.02	*0.01*	14	**0.3**	*0.09*	0.02	*0.00**
India, Poona	7	**0.1**	*0.04*	0.01	*0.00*	3	**0.0**	*0.03*	0.00	*0.00**
India, Trivandrum	4	**0.2**	*0.09*	0.02	*0.01*	4	**0.2**	*0.10*	0.01	*0.01**
Israel	76	**0.5**	*0.06*	0.05	*0.01*	65	**0.4**	*0.05*	0.03	*0.01*
Israel: Jews	59	**0.5**	*0.06*	0.05	*0.01*	57	**0.4**	*0.05*	0.03	*0.01*
Israel: Non-Jews	7	**0.3**	*0.12*	0.04	*0.02*	4	**0.2**	*0.09*	0.02	*0.01*
Japan, Aichi Prefecture	3	**0.2**	*0.11*	0.01	*0.01*	3	**0.1**	*0.03*	0.00	*0.00*
Japan, Fukui Prefecture	0	**-**	-	-	-	2	**0.0**	*0.02*	0.00	*0.00*
Japan, Hiroshima	4	**0.2**	*0.12*	0.01	*0.00*	3	**0.3**	*0.15*	0.01	*0.01*
Japan, Miyagi Prefecture	21	**0.3**	*0.10*	0.02	*0.01*	6	**0.1**	*0.07*	0.01	*0.00*
Japan, Nagasaki Prefecture	6	**0.3**	*0.15*	0.02	*0.01*	8	**0.3**	*0.14*	0.02	*0.01*
Japan, Osaka Prefecture	21	**0.2**	*0.04*	0.01	*0.00*	24	**0.2**	*0.05*	0.01	*0.00*
Japan, Yamagata Prefecture	4	**0.1**	*0.09*	0.01	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Eye (C69) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	206	**0.3**	*0.02*	0.02	*0.00*	177	**0.2**	*0.02*	0.02	*0.00*
Korea, Busan	13	**0.2**	*0.06*	0.03	*0.01*	13	**0.2**	*0.06*	0.01	*0.00*
Korea, Daegu	14	**0.3**	*0.08*	0.03	*0.01*	9	**0.2**	*0.06*	0.02	*0.01*
Korea, Daejeon	14	**0.5**	*0.13*	0.03	*0.01*	5	**0.2**	*0.09*	0.02	*0.01*
Korea, Gwangju	9	**0.3**	*0.12*	0.02	*0.01*	8	**0.3**	*0.11*	0.01	*0.01*
Korea, Incheon	14	**0.3**	*0.08*	0.02	*0.01*	10	**0.2**	*0.07*	0.02	*0.01*
Korea, Jejudo	3	**0.3**	*0.19*	0.03	*0.02*	0	**-**	-	-	-
Korea, Seoul	53	**0.3**	*0.05*	0.03	*0.00*	51	**0.3**	*0.05*	0.02	*0.00*
Korea, Ulsan	9	**0.5**	*0.18*	0.02	*0.01*	2	**0.1**	*0.10*	0.00	*0.00*
Kuwait: Kuwaitis	4	**0.2**	*0.13*	0.00	*0.00*	0	**-**	-	-	-
Kuwait: Non-Kuwaitis	7	**0.4**	*0.25*	0.07	*0.06*	4	**1.0**	*0.56*	0.09	*0.08*
Malaysia, Penang	4	**0.2**	*0.09*	0.01	*0.01*	4	**0.2**	*0.10*	0.01	*0.00*
Malaysia, Sarawak	15	**0.3**	*0.09*	0.03	*0.01*	12	**0.2**	*0.07*	0.02	*0.01*
Oman: Omani	12	**0.5**	*0.16*	0.05	*0.02*	12	**0.5**	*0.16*	0.04	*0.02**
Pakistan, South Karachi	23	**0.6**	*0.13*	0.05	*0.02*	10	**0.3**	*0.11*	0.03	*0.02**
Philippines, Manila	40	**0.3**	*0.05*	0.02	*0.00*	36	**0.3**	*0.05*	0.01	*0.00**
Singapore	15	**0.2**	*0.07*	0.01	*0.00*	7	**0.1**	*0.05*	0.01	*0.00*
Singapore: Chinese	12	**0.2**	*0.08*	0.01	*0.00*	5	**0.1**	*0.06*	0.01	*0.00*
Singapore: Indian	2	**0.5**	*0.33*	0.02	*0.01*	0	**-**	-	-	-
Singapore: Malay	1	**0.1**	*0.14*	-	-	2	**0.2**	*0.15*	0.01	*0.01*
Thailand, Chiang Mai	17	**0.5**	*0.15*	0.04	*0.01*	4	**0.1**	*0.08*	0.01	*0.00**
Thailand, Lampang	4	**0.3**	*0.15*	0.02	*0.01*	4	**0.2**	*0.10*	0.01	*0.01**
Thailand, Songkhla	13	**0.5**	*0.14*	0.02	*0.01*	7	**0.3**	*0.10*	0.02	*0.01*
Turkey, Antalya	10	**0.4**	*0.13*	0.03	*0.01*	8	**0.3**	*0.10*	0.02	*0.01**
Turkey, Izmir	20	**0.3**	*0.07*	0.03	*0.01*	37	**0.5**	*0.09*	0.04	*0.01**
Europe										
Austria	104	**0.4**	*0.04*	0.04	*0.00*	111	**0.3**	*0.04*	0.03	*0.00*
Austria, Tyrol	12	**0.6**	*0.18*	0.05	*0.02*	13	**0.5**	*0.14*	0.05	*0.02*
Austria, Vorarlberg	7	**0.6**	*0.21*	0.06	*0.03*	5	**0.6**	*0.28*	0.05	*0.02*
Belarus	201	**0.8**	*0.06*	0.08	*0.01*	259	**0.7**	*0.05*	0.07	*0.00**
Belgium, Antwerp	20	**0.4**	*0.12*	0.04	*0.01*	12	**0.2**	*0.06*	0.02	*0.01**
Belgium, Flanders	102	**0.6**	*0.07*	0.06	*0.01*	118	**0.6**	*0.06*	0.06	*0.01*
Bulgaria	115	**0.4**	*0.05*	0.04	*0.00*	118	**0.4**	*0.05*	0.04	*0.00**
Croatia	101	**0.7**	*0.08*	0.08	*0.01*	146	**0.8**	*0.08*	0.08	*0.01*
Czech Republic	236	**0.7**	*0.05*	0.08	*0.01*	222	**0.6**	*0.05*	0.06	*0.00*
Denmark	217	**1.3**	*0.10*	0.13	*0.01*	180	**0.9**	*0.07*	0.10	*0.01*
Estonia	41	**1.0**	*0.18*	0.11	*0.02*	42	**0.9**	*0.18*	0.09	*0.01*
Finland	168	**1.0**	*0.08*	0.10	*0.01*	135	**0.7**	*0.07*	0.07	*0.01*
France, Bas-Rhin	27	**0.8**	*0.16*	0.10	*0.02*	23	**0.7**	*0.14*	0.08	*0.02*
France, Calvados	10	**0.6**	*0.22*	0.05	*0.02*	8	**0.5**	*0.22*	0.04	*0.02*
France, Doubs	15	**1.0**	*0.28*	0.08	*0.02*	17	**1.0**	*0.27*	0.10	*0.03*
France, Haut-Rhin	19	**0.7**	*0.17*	0.08	*0.02*	19	**0.7**	*0.20*	0.07	*0.02*
France, Herault	19	**0.6**	*0.17*	0.07	*0.02*	13	**0.3**	*0.13*	0.03	*0.01*
France, Isere	26	**0.8**	*0.16*	0.07	*0.02*	45	**1.1**	*0.19*	0.13	*0.02*
France, Loire-Atlantique	32	**1.0**	*0.20*	0.08	*0.02*	18	**0.4**	*0.12*	0.05	*0.01*
France, Manche	12	**0.8**	*0.26*	0.06	*0.02*	7	**0.4**	*0.17*	0.05	*0.02*
France, Somme	16	**1.0**	*0.28*	0.08	*0.03*	16	**0.7**	*0.19*	0.09	*0.02*
France, Tarn	10	**0.6**	*0.21*	0.09	*0.03*	3	**0.1**	*0.09*	0.02	*0.01*
France, Vendee	14	**0.5**	*0.13*	0.06	*0.02*	10	**0.2**	*0.10*	0.02	*0.01*
Germany, Brandenburg	54	**0.6**	*0.11*	0.06	*0.01*	53	**0.5**	*0.10*	0.05	*0.01*
Germany, Free State of Saxony	100	**0.6**	*0.08*	0.06	*0.01*	115	**0.5**	*0.07*	0.06	*0.01*
Germany, Hamburg	29	**0.4**	*0.08*	0.05	*0.01*	28	**0.4**	*0.09*	0.04	*0.01*
Germany, Mecklenburg-Western Pomerania	34	**0.6**	*0.14*	0.06	*0.01*	44	**0.5**	*0.09*	0.05	*0.01*
Germany, Munich	41	**0.5**	*0.08*	0.06	*0.01*	41	**0.4**	*0.07*	0.04	*0.01*
Germany, Northrhine-Westphalia: Munster	49	**0.6**	*0.10*	0.06	*0.01*	39	**0.5**	*0.11*	0.04	*0.01*
Germany, Saarland	27	**0.6**	*0.12*	0.07	*0.02*	21	**0.4**	*0.10*	0.04	*0.01*
Iceland	5	**0.6**	*0.30*	0.04	*0.02*	3	**0.3**	*0.19*	0.03	*0.02*
Ireland	96	**0.9**	*0.09*	0.09	*0.01*	109	**0.9**	*0.10*	0.09	*0.01*
Italy, Biella Province	2	**0.3**	*0.24*	0.03	*0.02*	4	**0.3**	*0.21*	0.03	*0.02*
Italy, Brescia Province	15	**0.8**	*0.23*	0.08	*0.02*	10	**0.5**	*0.21*	0.05	*0.02*
Italy, Ferrara Province	3	**0.2**	*0.14*	0.03	*0.01*	18	**1.2**	*0.52*	0.11	*0.03*
Italy, Florence and Prato	28	**0.6**	*0.15*	0.07	*0.01*	23	**0.5**	*0.17*	0.04	*0.01*
Italy, Genoa Province	10	**0.4**	*0.12*	0.04	*0.02*	6	**0.2**	*0.10*	0.02	*0.01*
Italy, Macerata Province	2	**0.3**	*0.19*	0.04	*0.03*	4	**0.6**	*0.31*	0.05	*0.03*
Italy, Milan	18	**0.5**	*0.15*	0.05	*0.01*	23	**0.4**	*0.14*	0.04	*0.01*
Italy, Modena Province	10	**0.5**	*0.20*	0.04	*0.02*	18	**0.9**	*0.28*	0.07	*0.02*
Italy, Naples	5	**0.4**	*0.18*	0.04	*0.02*	4	**0.3**	*0.17*	0.02	*0.01*
Italy, North East Cancer Surveillance Network	58	**0.8**	*0.13*	0.08	*0.01*	52	**0.7**	*0.15*	0.06	*0.01*
Italy, Parma Province	7	**0.4**	*0.17*	0.04	*0.02*	5	**0.1**	*0.08*	0.01	*0.01*
Italy, Ragusa Province	5	**0.4**	*0.20*	0.05	*0.03*	4	**0.4**	*0.19*	0.05	*0.02*
Italy, Reggio Emilia Province	15	**0.9**	*0.29*	0.11	*0.03*	7	**0.5**	*0.27*	0.04	*0.02*
Italy, Romagna Region	29	**0.7**	*0.17*	0.07	*0.02*	20	**0.4**	*0.10*	0.05	*0.01*
Italy, Salerno Province	16	**0.5**	*0.12*	0.04	*0.01*	11	**0.4**	*0.14*	0.04	*0.01*
Italy, Sassari Province	5	**0.3**	*0.13*	0.03	*0.02*	2	**0.1**	*0.06*	0.01	*0.01*
Italy, Syracuse Province	8	**0.7**	*0.24*	0.09	*0.03*	6	**0.6**	*0.35*	0.06	*0.03*
Italy, Sondrio	3	**0.5**	*0.31*	0.05	*0.03*	1	**0.1**	*0.09*	0.02	*0.02*
Italy, Torino	18	**0.7**	*0.22*	0.04	*0.01*	14	**0.3**	*0.09*	0.03	*0.01*
Italy, Umbria Region	22	**1.1**	*0.34*	0.07	*0.02*	21	**0.6**	*0.19*	0.06	*0.02*
Italy, Varese Province	13	**0.7**	*0.20*	0.07	*0.02*	6	**0.2**	*0.11*	0.02	*0.01*
Italy, Veneto Region	40	**0.7**	*0.14*	0.07	*0.01*	42	**0.5**	*0.11*	0.06	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Eye (C69) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	54	**0.8**	*0.11*	0.09	*0.01*	57	**0.7**	*0.14*	0.06	*0.01*
Lithuania	64	**0.7**	*0.09*	0.07	*0.01*	91	**0.6**	*0.08*	0.07	*0.01*
Malta	3	**0.5**	*0.30*	0.02	*0.01*	9	**1.0**	*0.39*	0.05	*0.02*
Norway	141	**0.9**	*0.09*	0.09	*0.01*	147	**0.8**	*0.08*	0.08	*0.01*
Poland, Cracow	16	**0.7**	*0.17*	0.09	*0.02*	10	**0.4**	*0.12*	0.04	*0.01**
Poland, Kielce	15	**0.5**	*0.14*	0.04	*0.01*	21	**0.5**	*0.13*	0.04	*0.01*
Poland, Warsaw City	16	**0.4**	*0.11*	0.04	*0.01*	27	**0.4**	*0.10*	0.04	*0.01*
Portugal, Porto	50	**0.6**	*0.10*	0.05	*0.01*	41	**0.4**	*0.08*	0.03	*0.01**
Portugal, South Regional	45	**0.6**	*0.10*	0.06	*0.01*	48	**0.7**	*0.14*	0.05	*0.01*
Russia, St Petersburg	56	**0.5**	*0.09*	0.05	*0.01*	101	**0.7**	*0.10*	0.06	*0.01*
Serbia	86	**0.6**	*0.07*	0.06	*0.01*	87	**0.6**	*0.08*	0.05	*0.01*
Slovak Republic	115	**0.8**	*0.08*	0.09	*0.01*	118	**0.7**	*0.07*	0.06	*0.01*
Slovenia	35	**0.6**	*0.11*	0.06	*0.01*	33	**0.4**	*0.08*	0.03	*0.01*
Spain, Albacete	9	**0.9**	*0.32*	0.11	*0.04*	4	**0.4**	*0.28*	0.04	*0.02*
Spain, Asturias	16	**0.5**	*0.18*	0.04	*0.01*	15	**0.4**	*0.18*	0.04	*0.01*
Spain, Basque Country	30	**0.6**	*0.15*	0.06	*0.01*	25	**0.5**	*0.13*	0.04	*0.01*
Spain, Canary Islands	23	**0.5**	*0.10*	0.05	*0.01*	8	**0.2**	*0.06*	0.02	*0.01*
Spain, Cuenca	2	**0.3**	*0.20*	0.04	*0.03*	1	**0.6**	*0.62*	0.03	*0.03*
Spain, Girona	9	**0.5**	*0.16*	0.05	*0.02*	6	**0.4**	*0.20*	0.03	*0.01*
Spain, Granada	15	**0.6**	*0.19*	0.07	*0.02*	4	**0.1**	*0.07*	0.02	*0.01*
Spain, Murcia	12	**0.3**	*0.09*	0.02	*0.01*	12	**0.3**	*0.10*	0.02	*0.01*
Spain, Navarra	10	**0.7**	*0.28*	0.05	*0.02*	8	**0.3**	*0.13*	0.03	*0.01*
Spain, Tarragona	7	**0.4**	*0.15*	0.05	*0.02*	10	**0.6**	*0.27*	0.04	*0.02*
Spain, Zaragoza	15	**0.5**	*0.17*	0.04	*0.01*	10	**0.4**	*0.17*	0.03	*0.01*
Sweden	291	**0.9**	*0.06*	0.09	*0.01*	254	**0.7**	*0.06*	0.07	*0.01*
Switzerland, Geneva	7	**0.7**	*0.32*	0.04	*0.02*	5	**0.3**	*0.13*	0.03	*0.02*
Switzerland, Graubunden and Glarus	9	**1.2**	*0.42*	0.15	*0.06*	5	**0.8**	*0.46*	0.05	*0.03*
Switzerland, Neuchatel	5	**1.0**	*0.44*	0.13	*0.06*	6	**1.3**	*0.64*	0.10	*0.05*
Switzerland, St Gall-Appenzell	6	**0.3**	*0.13*	0.04	*0.02*	12	**0.7**	*0.24*	0.08	*0.03*
Switzerland, Ticino	4	**0.8**	*0.45*	0.04	*0.02*	2	**0.1**	*0.10*	0.02	*0.02*
Switzerland, Valais	6	**0.5**	*0.23*	0.05	*0.03*	1	**0.1**	*0.12*	0.01	*0.01*
Switzerland, Vaud	11	**0.4**	*0.14*	0.06	*0.02*	8	**0.5**	*0.21*	0.05	*0.02*
The Netherlands	357	**0.8**	*0.04*	0.08	*0.00*	309	**0.6**	*0.04*	0.06	*0.00*
The Netherlands, Eindhoven	35	**1.0**	*0.18*	0.11	*0.02*	10	**0.3**	*0.11*	0.03	*0.01*
The Netherlands, Maastricht	11	**0.3**	*0.10*	0.05	*0.01*	17	**0.6**	*0.18*	0.05	*0.01*
UK, East of England Region	51	**0.5**	*0.08*	0.05	*0.01*	53	**0.5**	*0.09*	0.05	*0.01*
UK, England, Merseyside and Cheshire	47	**0.6**	*0.11*	0.06	*0.01*	40	**0.5**	*0.09*	0.04	*0.01*
UK, England, North Western	107	**0.8**	*0.08*	0.08	*0.01*	59	**0.4**	*0.06*	0.04	*0.01*
UK, England, Northern and Yorkshire	147	**0.7**	*0.07*	0.07	*0.01*	138	**0.6**	*0.06*	0.06	*0.01*
UK, England, Oxford Region	63	**0.8**	*0.11*	0.08	*0.01*	46	**0.5**	*0.09*	0.05	*0.01*
UK, England, South and Western Regions	204	**0.9**	*0.08*	0.09	*0.01*	198	**0.8**	*0.07*	0.08	*0.01*
UK, England, Thames	265	**0.6**	*0.04*	0.06	*0.00*	276	**0.5**	*0.04*	0.05	*0.00*
UK, England, Trent	110	**0.7**	*0.08*	0.07	*0.01*	80	**0.5**	*0.07*	0.05	*0.01*
UK, England, West Midlands	82	**0.5**	*0.07*	0.05	*0.01*	59	**0.3**	*0.05*	0.03	*0.00*
UK, Northern Ireland	32	**0.6**	*0.12*	0.06	*0.01*	17	**0.3**	*0.08*	0.03	*0.01*
UK, Scotland	129	**0.8**	*0.08*	0.08	*0.01*	152	**0.8**	*0.08*	0.08	*0.01*
Oceania										
Australia, New South Wales	225	**1.1**	*0.08*	0.11	*0.01*	161	**0.7**	*0.07*	0.07	*0.01*
Australia, Northern Territory	2	**0.3**	*0.25*	0.04	*0.03*	0	**-**	-	-	-
Australia, Queensland	170	**1.5**	*0.12*	0.17	*0.02*	98	**1.0**	*0.11*	0.09	*0.01*
Australia, South	76	**1.6**	*0.20*	0.16	*0.02*	64	**1.1**	*0.16*	0.12	*0.02*
Australia, Tasmania	17	**1.0**	*0.25*	0.11	*0.03*	9	**0.5**	*0.22*	0.03	*0.02*
Australia, Victoria	149	**1.0**	*0.09*	0.10	*0.01*	86	**0.5**	*0.06*	0.05	*0.01*
Australia, Western	65	**1.2**	*0.15*	0.11	*0.02*	35	**0.6**	*0.11*	0.06	*0.01*
Australian Capital Territory	9	**1.2**	*0.41*	0.13	*0.05*	11	**1.2**	*0.39*	0.11	*0.04*
French Polynesia	6	**1.0**	*0.41*	0.06	*0.03*	1	**0.3**	*0.27*	-	-
New Zealand	137	**1.2**	*0.11*	0.13	*0.01*	124	**1.0**	*0.10*	0.10	*0.01*
USA, Hawaii	12	**0.3**	*0.11*	0.02	*0.01*	11	**0.3**	*0.11*	0.02	*0.01*
USA, Hawaii: Chinese	0	**-**	-	-	-	0	**-**	-	-	-
USA, Hawaii: Filipino	1	**0.1**	*0.08*	-	-	2	**0.5**	*0.39*	0.04	*0.03*
USA, Hawaii: Hawaiian	4	**0.8**	*0.42*	0.02	*0.01*	0	**-**	-	-	-
USA, Hawaii: Japanese	3	**0.6**	*0.43*	0.04	*0.03*	1	**0.0**	*0.02*	-	-
USA, Hawaii: White	4	**0.3**	*0.18*	0.05	*0.03*	7	**0.9**	*0.41*	0.06	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Brain, nervous system (C70-72)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	26	**0.7**	*0.15*	-	-	35	**1.6**	*0.29*	-	- *
Egypt, Gharbiah	231	**4.0**	*0.28*	-	-	200	**3.1**	*0.23*	-	-
Tunisia, Centre, Sousse	36	**3.7**	*0.63*	-	-	20	**1.8**	*0.42*	-	- *
Uganda, Kyadondo County	10	**0.6**	*0.28*	-	-	14	**0.7**	*0.23*	-	- *
Zimbabwe, Harare: African	57	**1.6**	*0.28*	-	-	63	**2.8**	*0.47*	-	- *
America, Central and South										
Argentina, Bahia Blanca	30	**4.2**	*0.79*	0.36	*0.07*	36	**4.3**	*0.77*	0.47	*0.08*
Brazil, Brasilia	221	**7.8**	*0.58*	0.77	*0.08*	190	**5.9**	*0.47*	0.60	*0.06*
Brazil, Cuiaba	51	**7.0**	*1.05*	0.79	*0.16*	46	**5.9**	*0.90*	0.64	*0.13*
Brazil, Goiania	94	**5.4**	*0.59*	0.56	*0.07*	95	**4.8**	*0.51*	0.50	*0.07*
Brazil, Sao Paulo	1796	**8.0**	*0.20*	0.83	*0.02*	1716	**6.3**	*0.16*	0.63	*0.02*
Chile, Valdivia	35	**3.8**	*0.65*	0.36	*0.08*	26	**2.8**	*0.56*	0.22	*0.05*
Colombia, Cali	217	**5.5**	*0.38*	0.54	*0.05*	188	**4.1**	*0.31*	0.42	*0.04*
Costa Rica	312	**3.7**	*0.22*	0.37	*0.03*	295	**3.4**	*0.21*	0.32	*0.02*
Ecuador, Quito	126	**4.3**	*0.40*	0.44	*0.05*	105	**3.0**	*0.31*	0.29	*0.04*
France, La Martinique	30	**2.8**	*0.53*	0.33	*0.07*	23	**1.8**	*0.39*	0.19	*0.04*
Peru, Trujillo	48	**4.3**	*0.66*	0.44	*0.09*	38	**2.7**	*0.46*	0.21	*0.05* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	4603	**6.6**	*0.10*	0.66	*0.01*	3700	**4.8**	*0.09*	0.47	*0.01*
Canada, Alberta	506	**6.0**	*0.28*	0.59	*0.03*	364	**4.2**	*0.24*	0.40	*0.03*
Canada, British Columbia	769	**6.0**	*0.23*	0.61	*0.03*	587	**4.3**	*0.20*	0.42	*0.02*
Canada, Manitoba	226	**6.4**	*0.45*	0.64	*0.05*	163	**4.0**	*0.36*	0.40	*0.04*
Canada, New Brunswick	172	**7.6**	*0.63*	0.75	*0.07*	112	**4.8**	*0.53*	0.44	*0.05*
Canada, Newfoundland and Labrador	111	**6.8**	*0.68*	0.72	*0.08*	62	**3.9**	*0.55*	0.43	*0.06*
Canada, Northwest Territories	2	**2.6**	*1.94*	0.51	*0.45*	1	**1.8**	*1.77*	0.22	*0.22*
Canada, Nova Scotia	201	**7.0**	*0.53*	0.71	*0.06*	170	**5.5**	*0.50*	0.51	*0.05*
Canada, Ontario	2401	**6.9**	*0.15*	0.69	*0.02*	2064	**5.2**	*0.13*	0.52	*0.01*
Canada, Prince Edward Island	21	**5.3**	*1.24*	0.52	*0.12*	22	**5.1**	*1.19*	0.51	*0.12*
Canada, Saskatchewan	194	**5.9**	*0.45*	0.57	*0.05*	155	**4.8**	*0.43*	0.47	*0.04*
USA, Alabama	778	**6.0**	*0.23*	0.60	*0.02*	683	**4.4**	*0.18*	0.44	*0.02*
USA, Alabama: Black	95	**3.6**	*0.37*	0.35	*0.04*	85	**2.3**	*0.26*	0.24	*0.03*
USA, Alabama: White	673	**6.7**	*0.28*	0.66	*0.03*	591	**5.1**	*0.24*	0.50	*0.02*
USA, Alaska	97	**5.9**	*0.63*	0.66	*0.09*	71	**4.8**	*0.60*	0.53	*0.08*
USA, Arizona	896	**5.9**	*0.21*	0.58	*0.02*	725	**4.3**	*0.18*	0.41	*0.02*
USA, California	5486	**5.9**	*0.08*	0.58	*0.01*	4423	**4.3**	*0.07*	0.41	*0.01*
USA, California: Asian and Pacific Islander	334	**3.1**	*0.18*	0.28	*0.02*	270	**2.3**	*0.15*	0.20	*0.01*
USA, California: Black	219	**3.6**	*0.25*	0.35	*0.03*	207	**3.1**	*0.22*	0.27	*0.02*
USA, California: Hispanic White	998	**4.7**	*0.16*	0.45	*0.02*	934	**4.2**	*0.14*	0.41	*0.02*
USA, California: Non-Hispanic White	3884	**7.4**	*0.13*	0.72	*0.01*	2976	**5.1**	*0.11*	0.48	*0.01*
USA, California, Greater San Francisco Bay Area	1080	**5.8**	*0.19*	0.58	*0.02*	834	**4.3**	*0.16*	0.40	*0.02*
USA, California, Greater San Francisco Bay Area: Black	55	**4.3**	*0.60*	0.45	*0.08*	35	**2.5**	*0.44*	0.25	*0.05*
USA, California, Greater San Francisco Bay Area: Chinese	50	**3.4**	*0.52*	0.33	*0.06*	38	**2.4**	*0.42*	0.20	*0.04*
USA, California, Greater San Francisco Bay Area: Filipino	19	**2.1**	*0.52*	0.16	*0.05*	22	**2.2**	*0.51*	0.21	*0.05*
USA, California, Greater San Francisco Bay Area: Japanese	8	**3.9**	*1.58*	0.30	*0.13*	4	**1.0**	*0.50*	0.10	*0.05*
USA, California, Greater San Francisco Bay Area: Hispanic White	125	**4.6**	*0.45*	0.50	*0.06*	132	**4.6**	*0.41*	0.48	*0.05*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	766	**7.3**	*0.30*	0.73	*0.03*	552	**5.2**	*0.27*	0.47	*0.02*
USA, California, Los Angeles County	1314	**5.3**	*0.15*	0.51	*0.02*	1135	**4.0**	*0.13*	0.39	*0.01*
USA, California, Los Angeles County: Black	77	**3.2**	*0.38*	0.31	*0.04*	104	**3.4**	*0.36*	0.30	*0.04*
USA, California, Los Angeles County: Chinese	30	**3.4**	*0.70*	0.29	*0.06*	24	**2.5**	*0.56*	0.21	*0.05*
USA, California, Los Angeles County: Filipino	19	**3.1**	*0.73*	0.28	*0.07*	14	**1.7**	*0.49*	0.15	*0.04*
USA, California, Los Angeles County: Japanese	12	**3.6**	*1.36*	0.22	*0.09*	5	**0.9**	*0.49*	0.07	*0.04*
USA, California, Los Angeles County: Korean	9	**1.8**	*0.61*	0.18	*0.07*	12	**2.5**	*0.82*	0.26	*0.08*
USA, California, Los Angeles County: Hispanic White	379	**4.5**	*0.25*	0.42	*0.03*	362	**4.0**	*0.22*	0.39	*0.03*
USA, California, Los Angeles County: Non-Hispanic White	756	**7.4**	*0.31*	0.71	*0.03*	596	**4.9**	*0.25*	0.49	*0.02*
USA, Colorado	777	**6.4**	*0.24*	0.64	*0.03*	584	**4.6**	*0.21*	0.44	*0.02*
USA, Connecticut	703	**7.0**	*0.28*	0.69	*0.03*	564	**5.0**	*0.24*	0.48	*0.02*
USA, Connecticut: Black	28	**3.8**	*0.73*	0.30	*0.07*	31	**3.5**	*0.64*	0.32	*0.07*
USA, Connecticut: White	665	**7.3**	*0.31*	0.73	*0.03*	524	**5.2**	*0.27*	0.49	*0.03*
USA, District of Columbia	91	**5.9**	*0.66*	0.59	*0.07*	71	**4.6**	*0.62*	0.39	*0.05*
USA, District of Columbia: Black	49	**5.5**	*0.81*	0.53	*0.08*	40	**3.7**	*0.67*	0.35	*0.06*
USA, District of Columbia: White	31	**5.9**	*1.26*	0.64	*0.14*	26	**5.1**	*1.23*	0.40	*0.10*
USA, Florida	3326	**6.4**	*0.12*	0.61	*0.01*	2740	**4.7**	*0.11*	0.45	*0.01*
USA, Florida: Black	238	**4.2**	*0.28*	0.39	*0.03*	203	**3.1**	*0.23*	0.29	*0.03*
USA, Florida: White	3044	**6.7**	*0.14*	0.64	*0.01*	2488	**5.0**	*0.12*	0.47	*0.01*
USA, Georgia	1275	**6.1**	*0.17*	0.60	*0.02*	1042	**4.3**	*0.14*	0.41	*0.02*
USA, Georgia: Black	197	**3.8**	*0.28*	0.37	*0.03*	165	**2.6**	*0.22*	0.23	*0.02*
USA, Georgia: White	1053	**6.8**	*0.22*	0.67	*0.02*	870	**4.9**	*0.18*	0.48	*0.02*
USA, Georgia, Atlanta	420	**6.1**	*0.31*	0.58	*0.04*	323	**4.1**	*0.24*	0.39	*0.03*
USA, Georgia, Atlanta: Black	89	**4.0**	*0.45*	0.35	*0.05*	67	**2.6**	*0.34*	0.27	*0.04*
USA, Georgia, Atlanta: White	318	**7.3**	*0.43*	0.68	*0.05*	254	**5.1**	*0.35*	0.48	*0.04*
USA, Idaho	305	**8.6**	*0.51*	0.87	*0.06*	197	**5.2**	*0.40*	0.46	*0.04*
USA, Illinois	2041	**5.9**	*0.14*	0.59	*0.02*	1767	**4.5**	*0.12*	0.43	*0.01*
USA, Illinois: Black	168	**3.8**	*0.30*	0.35	*0.03*	135	**2.4**	*0.21*	0.22	*0.02*
USA, Illinois: White	1812	**6.2**	*0.15*	0.63	*0.02*	1579	**4.9**	*0.14*	0.47	*0.01*
USA, Indiana	1054	**6.1**	*0.20*	0.60	*0.02*	936	**4.9**	*0.18*	0.47	*0.02*
USA, Iowa	591	**6.6**	*0.29*	0.66	*0.03*	509	**5.3**	*0.28*	0.47	*0.03*
USA, Kentucky	707	**6.2**	*0.25*	0.60	*0.03*	636	**5.2**	*0.23*	0.48	*0.02*
USA, Louisiana	695	**5.7**	*0.22*	0.56	*0.03*	588	**4.2**	*0.19*	0.40	*0.02*
USA, Louisiana: Black	125	**3.7**	*0.34*	0.35	*0.04*	137	**3.3**	*0.29*	0.34	*0.04*
USA, Louisiana: White	562	**6.4**	*0.29*	0.63	*0.03*	446	**4.8**	*0.26*	0.44	*0.02*
USA, Louisiana, New Orleans: Black	40	**4.0**	*0.64*	0.36	*0.07*	41	**3.4**	*0.55*	0.39	*0.07*
USA, Louisiana, New Orleans: White	93	**5.6**	*0.65*	0.55	*0.07*	76	**4.2**	*0.59*	0.35	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Brain, nervous system (C70-72) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	301	**7.6**	*0.48*	0.76	*0.05*	238	**5.4**	*0.41*	0.49	*0.04*
USA, Massachusetts	1264	**6.9**	*0.21*	0.69	*0.02*	1114	**5.1**	*0.18*	0.48	*0.02*
USA, Michigan	1915	**6.7**	*0.16*	0.67	*0.02*	1509	**4.6**	*0.13*	0.44	*0.01*
USA, Michigan: Black	143	**4.1**	*0.35*	0.38	*0.04*	120	**2.8**	*0.27*	0.24	*0.03*
USA, Michigan: White	1741	**7.1**	*0.18*	0.71	*0.02*	1372	**4.9**	*0.15*	0.47	*0.02*
USA, Michigan, Detroit	744	**6.6**	*0.25*	0.65	*0.03*	618	**4.6**	*0.21*	0.42	*0.02*
USA, Michigan, Detroit: Black	106	**4.2**	*0.42*	0.42	*0.05*	89	**2.8**	*0.32*	0.23	*0.03*
USA, Michigan, Detroit: White	621	**7.3**	*0.31*	0.72	*0.03*	517	**5.2**	*0.27*	0.49	*0.03*
USA, Missouri	1081	**6.8**	*0.22*	0.66	*0.02*	920	**4.8**	*0.18*	0.47	*0.02*
USA, Missouri: Black	62	**4.2**	*0.55*	0.42	*0.07*	50	**2.5**	*0.38*	0.28	*0.05*
USA, Missouri: White	1015	**7.1**	*0.24*	0.69	*0.02*	858	**5.2**	*0.20*	0.49	*0.02*
USA, Montana	181	**6.8**	*0.54*	0.65	*0.06*	159	**5.1**	*0.45*	0.54	*0.05*
USA, NPCR	40649	**6.4**	*0.03*	0.63	*0.00*	33939	**4.7**	*0.03*	0.45	*0.00*
USA, NPCR: Black	2489	**3.9**	*0.08*	0.37	*0.01*	2282	**2.9**	*0.06*	0.27	*0.01*
USA, NPCR: White	36753	**6.8**	*0.04*	0.67	*0.00*	30558	**5.0**	*0.03*	0.48	*0.00*
USA, New Jersey	1625	**6.7**	*0.18*	0.68	*0.02*	1407	**4.9**	*0.15*	0.47	*0.02*
USA, New Jersey: Black	119	**4.1**	*0.38*	0.40	*0.05*	111	**2.9**	*0.29*	0.27	*0.03*
USA, New Jersey: White	1419	**7.0**	*0.20*	0.71	*0.02*	1236	**5.3**	*0.18*	0.51	*0.02*
USA, New Mexico	282	**5.3**	*0.33*	0.53	*0.04*	219	**4.1**	*0.30*	0.36	*0.03*
USA, New Mexico: American Indian	10	**2.5**	*0.81*	0.21	*0.09*	12	**2.7**	*0.77*	0.21	*0.09*
USA, New Mexico: Hispanic White	92	**5.0**	*0.53*	0.54	*0.07*	75	**3.9**	*0.46*	0.35	*0.05*
USA, New Mexico: Non-Hispanic White	175	**6.3**	*0.55*	0.60	*0.05*	127	**4.4**	*0.48*	0.39	*0.04*
USA, New York State	3656	**6.8**	*0.12*	0.67	*0.01*	3258	**5.1**	*0.10*	0.48	*0.01*
USA, New York State: Black	278	**4.2**	*0.26*	0.39	*0.03*	320	**3.6**	*0.22*	0.33	*0.02*
USA, New York State: White	3237	**7.4**	*0.14*	0.72	*0.01*	2826	**5.5**	*0.12*	0.52	*0.01*
USA, Ohio	2118	**6.5**	*0.15*	0.64	*0.02*	1799	**4.7**	*0.12*	0.45	*0.01*
USA, Ohio: Black	137	**4.5**	*0.39*	0.45	*0.04*	122	**3.1**	*0.29*	0.28	*0.03*
USA, Ohio: White	1918	**6.7**	*0.16*	0.65	*0.02*	1646	**4.9**	*0.14*	0.47	*0.01*
USA, Oklahoma	657	**6.5**	*0.27*	0.63	*0.03*	563	**5.0**	*0.23*	0.48	*0.02*
USA, Oregon	723	**7.2**	*0.28*	0.71	*0.03*	514	**4.6**	*0.23*	0.42	*0.02*
USA, Pennsylvania	2388	**6.4**	*0.14*	0.62	*0.01*	2097	**4.9**	*0.13*	0.47	*0.01*
USA, Pennsylvania: Black	103	**3.4**	*0.34*	0.32	*0.04*	107	**2.7**	*0.28*	0.25	*0.03*
USA, Pennsylvania: White	2211	**6.6**	*0.16*	0.64	*0.02*	1948	**5.1**	*0.14*	0.49	*0.01*
USA, Rhode Island	208	**6.6**	*0.49*	0.62	*0.05*	194	**5.5**	*0.46*	0.54	*0.05*
USA, SEER (9 Registries)	4792	**6.4**	*0.10*	0.63	*0.01*	3832	**4.6**	*0.08*	0.43	*0.01*
USA, SEER (9 Registries): Black	300	**4.1**	*0.24*	0.40	*0.03*	241	**2.8**	*0.19*	0.25	*0.02*
USA, SEER (9 Registries): White	4221	**7.1**	*0.12*	0.70	*0.01*	3355	**5.2**	*0.10*	0.48	*0.01*
USA, SEER (14 Registries)	12623	**6.1**	*0.06*	0.61	*0.01*	10362	**4.5**	*0.05*	0.43	*0.01*
USA, SEER (14 Registries): Asian and Pacific Islander	551	**3.3**	*0.15*	0.31	*0.02*	430	**2.4**	*0.12*	0.21	*0.01*
USA, SEER (14 Registries): Black	738	**3.8**	*0.14*	0.36	*0.02*	702	**3.0**	*0.12*	0.28	*0.01*
USA, SEER (14 Registries): Hispanic White	1347	**4.9**	*0.14*	0.48	*0.02*	1228	**4.2**	*0.12*	0.41	*0.02*
USA, SEER (14 Registries): Non-Hispanic White	9855	**7.1**	*0.08*	0.70	*0.01*	7893	**5.2**	*0.07*	0.49	*0.01*
USA, South Carolina	663	**5.8**	*0.24*	0.61	*0.03*	560	**4.2**	*0.20*	0.40	*0.02*
USA, South Carolina: Black	103	**3.8**	*0.38*	0.41	*0.05*	99	**2.6**	*0.28*	0.24	*0.03*
USA, South Carolina: White	552	**6.4**	*0.29*	0.67	*0.03*	454	**4.9**	*0.27*	0.45	*0.02*
USA, Texas	3510	**6.4**	*0.11*	0.62	*0.01*	2915	**4.7**	*0.09*	0.45	*0.01*
USA, Texas: Black	246	**4.4**	*0.29*	0.41	*0.03*	208	**3.1**	*0.22*	0.30	*0.03*
USA, Texas: White	3169	**6.6**	*0.12*	0.65	*0.01*	2634	**5.0**	*0.10*	0.47	*0.01*
USA, Utah	372	**6.8**	*0.36*	0.69	*0.04*	287	**5.0**	*0.31*	0.49	*0.03*
USA, Vermont	125	**7.1**	*0.67*	0.70	*0.07*	85	**4.0**	*0.50*	0.39	*0.05*
USA, Washington State	1233	**7.4**	*0.22*	0.74	*0.03*	967	**5.4**	*0.19*	0.51	*0.02*
USA, Washington, Seattle	819	**7.3**	*0.27*	0.72	*0.03*	646	**5.3**	*0.23*	0.49	*0.02*
USA, West Virginia	354	**6.4**	*0.37*	0.65	*0.04*	302	**4.9**	*0.33*	0.46	*0.03*
USA, Wisconsin	1082	**6.7**	*0.22*	0.69	*0.02*	889	**4.9**	*0.19*	0.47	*0.02*
Asia										
Bahrain: Bahraini	24	**3.0**	*0.67*	0.36	*0.10*	8	**0.9**	*0.35*	0.11	*0.05*
China, Guangzhou City	179	**3.4**	*0.27*	0.29	*0.03*	141	**2.7**	*0.25*	0.24	*0.02**
China, Hong Kong	618	**3.4**	*0.15*	0.32	*0.01*	397	**2.2**	*0.12*	0.19	*0.01*
China, Jiashan	46	**4.0**	*0.69*	0.41	*0.07*	45	**3.6**	*0.57*	0.44	*0.07**
China, Nangang District, Harbin City	130	**5.6**	*0.52*	0.59	*0.06*	116	**4.7**	*0.47*	0.48	*0.05*
China, Shanghai	1212	**5.7**	*0.19*	0.60	*0.02*	1404	**6.2**	*0.20*	0.67	*0.02**
China, Zhongshan	64	**1.9**	*0.24*	0.17	*0.03*	51	**1.5**	*0.22*	0.13	*0.02**
Cyprus	98	**5.2**	*0.55*	0.52	*0.06*	91	**4.7**	*0.54*	0.43	*0.05**
India, Chennai (Madras)	314	**3.0**	*0.18*	0.31	*0.02*	200	**2.1**	*0.15*	0.20	*0.02*
India, New Delhi	1093	**4.1**	*0.14*	0.43	*0.02*	542	**2.3**	*0.11*	0.23	*0.01**
India, Karunagappally	36	**3.7**	*0.64*	0.38	*0.08*	19	**1.9**	*0.45*	0.20	*0.06*
India, Mumbai (Bombay)	1006	**3.7**	*0.12*	0.38	*0.02*	649	**2.8**	*0.11*	0.29	*0.01*
India, Nagpur	142	**3.0**	*0.26*	0.28	*0.03*	123	**2.6**	*0.24*	0.24	*0.03**
India, Poona	274	**3.6**	*0.23*	0.36	*0.03*	129	**1.9**	*0.17*	0.21	*0.02**
India, Trivandrum	85	**2.9**	*0.32*	0.29	*0.04*	64	**2.2**	*0.28*	0.18	*0.03**
Israel	945	**6.1**	*0.20*	0.64	*0.02*	740	**4.3**	*0.16*	0.44	*0.02*
Israel: Jews	802	**6.1**	*0.22*	0.63	*0.03*	632	**4.3**	*0.18*	0.43	*0.02*
Israel: Non-Jews	107	**4.9**	*0.53*	0.53	*0.08*	69	**3.3**	*0.43*	0.33	*0.06*
Japan, Aichi Prefecture	95	**2.8**	*0.30*	0.24	*0.03*	64	**1.9**	*0.27*	0.16	*0.02*
Japan, Fukui Prefecture	86	**2.6**	*0.32*	0.26	*0.03*	90	**2.4**	*0.33*	0.23	*0.03*
Japan, Hiroshima	72	**2.3**	*0.30*	0.22	*0.03*	58	**1.6**	*0.25*	0.15	*0.02*
Japan, Miyagi Prefecture	187	**2.7**	*0.22*	0.23	*0.02*	132	**1.8**	*0.18*	0.16	*0.01*
Japan, Nagasaki Prefecture	104	**2.1**	*0.24*	0.20	*0.02*	94	**1.9**	*0.26*	0.17	*0.02*
Japan, Osaka Prefecture	675	**2.5**	*0.11*	0.23	*0.01*	623	**2.0**	*0.10*	0.17	*0.01*
Japan, Yamagata Prefecture	99	**2.4**	*0.31*	0.21	*0.02*	112	**1.8**	*0.22*	0.18	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Brain, nervous system (C70-72) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	2797	**3.0**	*0.06*	0.29	*0.01*	2469	**2.4**	*0.05*	0.23	*0.01*
Korea, Busan	264	**3.0**	*0.19*	0.30	*0.03*	218	**2.1**	*0.15*	0.20	*0.02*
Korea, Daegu	152	**2.5**	*0.22*	0.23	*0.02*	125	**2.0**	*0.19*	0.16	*0.02*
Korea, Daejeon	110	**3.5**	*0.35*	0.35	*0.05*	75	**2.3**	*0.27*	0.20	*0.03*
Korea, Gwangju	103	**3.2**	*0.35*	0.29	*0.04*	92	**2.7**	*0.29*	0.27	*0.03*
Korea, Incheon	177	**3.0**	*0.24*	0.27	*0.03*	171	**2.8**	*0.22*	0.28	*0.03*
Korea, Jejudo	23	**2.7**	*0.57*	0.32	*0.08*	24	**2.6**	*0.55*	0.24	*0.05*
Korea, Seoul	774	**3.5**	*0.14*	0.33	*0.02*	731	**3.0**	*0.12*	0.30	*0.01*
Korea, Ulsan	50	**2.7**	*0.41*	0.25	*0.05*	44	**2.3**	*0.37*	0.23	*0.05*
Kuwait: Kuwaitis	67	**5.1**	*0.69*	0.51	*0.08*	44	**3.1**	*0.51*	0.29	*0.07*
Kuwait: Non-Kuwaitis	61	**3.1**	*0.84*	0.24	*0.07*	33	**3.0**	*0.80*	0.27	*0.10*
Malaysia, Penang	80	**3.5**	*0.40*	0.34	*0.05*	72	**2.9**	*0.35*	0.28	*0.04*
Malaysia, Sarawak	76	**1.6**	*0.19*	0.15	*0.02*	71	**1.5**	*0.18*	0.14	*0.02*
Oman: Omani	87	**3.5**	*0.41*	0.36	*0.06*	67	**2.6**	*0.37*	0.25	*0.04**
Pakistan, South Karachi	124	**3.3**	*0.32*	0.33	*0.04*	86	**2.7**	*0.33*	0.25	*0.04**
Philippines, Manila	282	**2.8**	*0.19*	0.29	*0.03*	252	**2.4**	*0.16*	0.23	*0.02**
Singapore	170	**2.1**	*0.17*	0.18	*0.02*	140	**1.7**	*0.15*	0.15	*0.02*
Singapore: Chinese	137	**2.3**	*0.21*	0.20	*0.02*	108	**1.6**	*0.16*	0.14	*0.02*
Singapore: Indian	17	**2.7**	*0.66*	0.24	*0.06*	13	**2.1**	*0.63*	0.18	*0.06*
Singapore: Malay	16	**1.4**	*0.36*	0.10	*0.03*	19	**1.7**	*0.40*	0.16	*0.04*
Thailand, Chiang Mai	56	**1.6**	*0.21*	0.14	*0.02*	53	**1.4**	*0.19*	0.11	*0.02**
Thailand, Lampang	23	**1.1**	*0.22*	0.10	*0.02*	44	**2.2**	*0.36*	0.17	*0.03**
Thailand, Songkhla	43	**1.5**	*0.23*	0.13	*0.02*	38	**1.2**	*0.20*	0.09	*0.02*
Turkey, Antalya	195	**6.0**	*0.44*	0.63	*0.05*	143	**4.4**	*0.38*	0.42	*0.04**
Turkey, Izmir	431	**5.3**	*0.26*	0.52	*0.03*	264	**3.1**	*0.20*	0.31	*0.02**
Europe										
Austria	1618	**6.5**	*0.18*	0.66	*0.02*	1460	**4.8**	*0.15*	0.48	*0.01*
Austria, Tyrol	100	**4.6**	*0.47*	0.52	*0.06*	86	**3.4**	*0.41*	0.35	*0.04*
Austria, Vorarlberg	64	**6.6**	*0.86*	0.62	*0.09*	55	**5.0**	*0.76*	0.50	*0.08*
Belarus	1165	**4.5**	*0.14*	0.43	*0.01*	1012	**3.3**	*0.11*	0.31	*0.01**
Belgium, Antwerp	273	**4.8**	*0.31*	0.51	*0.03*	210	**3.2**	*0.24*	0.36	*0.03**
Belgium, Flanders	916	**5.9**	*0.21*	0.58	*0.02*	760	**4.7**	*0.20*	0.45	*0.02*
Bulgaria	1606	**6.1**	*0.17*	0.64	*0.02*	1253	**4.3**	*0.13*	0.44	*0.01**
Croatia	1386	**10.2**	*0.30*	1.02	*0.03*	1322	**7.9**	*0.25*	0.81	*0.02*
Czech Republic	1923	**6.1**	*0.15*	0.65	*0.02*	1734	**4.6**	*0.13*	0.49	*0.01*
Denmark	1135	**6.3**	*0.20*	0.64	*0.02*	975	**4.9**	*0.18*	0.51	*0.02*
Estonia	225	**5.9**	*0.41*	0.60	*0.04*	205	**4.1**	*0.32*	0.42	*0.03*
Finland	1056	**6.5**	*0.22*	0.64	*0.02*	927	**5.2**	*0.20*	0.47	*0.02*
France, Bas-Rhin	180	**5.8**	*0.45*	0.64	*0.05*	145	**4.2**	*0.39*	0.40	*0.04*
France, Calvados	96	**5.4**	*0.58*	0.53	*0.06*	83	**3.7**	*0.45*	0.38	*0.05*
France, Doubs	87	**5.4**	*0.61*	0.56	*0.07*	77	**4.4**	*0.55*	0.44	*0.06*
France, Haut-Rhin	129	**5.9**	*0.55*	0.67	*0.06*	97	**3.9**	*0.45*	0.42	*0.05*
France, Herault	167	**5.8**	*0.50*	0.57	*0.05*	151	**4.5**	*0.41*	0.49	*0.04*
France, Isere	228	**6.4**	*0.44*	0.63	*0.05*	169	**4.3**	*0.36*	0.47	*0.04*
France, Loire-Atlantique	188	**5.8**	*0.44*	0.61	*0.05*	141	**3.8**	*0.35*	0.40	*0.04*
France, Manche	68	**4.3**	*0.55*	0.48	*0.06*	56	**3.0**	*0.46*	0.34	*0.05*
France, Somme	89	**5.4**	*0.63*	0.54	*0.06*	72	**3.9**	*0.52*	0.37	*0.05*
France, Tarn	75	**5.4**	*0.68*	0.62	*0.08*	50	**2.9**	*0.47*	0.34	*0.06*
France, Vendee	80	**4.2**	*0.52*	0.47	*0.06*	68	**3.6**	*0.50*	0.38	*0.05*
Germany, Brandenburg	541	**6.3**	*0.32*	0.68	*0.03*	473	**4.7**	*0.27*	0.47	*0.02*
Germany, Free State of Saxony	931	**6.0**	*0.23*	0.63	*0.02*	839	**4.4**	*0.21*	0.45	*0.02*
Germany, Hamburg	340	**6.1**	*0.38*	0.64	*0.04*	308	**4.5**	*0.33*	0.47	*0.03*
Germany, Mecklenburg-Western Pomerania	363	**6.1**	*0.36*	0.64	*0.04*	317	**4.6**	*0.34*	0.47	*0.03*
Germany, Munich	488	**5.9**	*0.29*	0.62	*0.03*	460	**4.7**	*0.27*	0.48	*0.03*
Germany, Northrhine-Westphalia: Munster	478	**5.6**	*0.28*	0.57	*0.03*	453	**4.5**	*0.25*	0.46	*0.02*
Germany, Saarland	223	**6.3**	*0.49*	0.65	*0.05*	175	**4.0**	*0.36*	0.42	*0.04*
Iceland	50	**5.7**	*0.85*	0.64	*0.11*	52	**6.0**	*0.89*	0.63	*0.11*
Ireland	810	**7.5**	*0.27*	0.78	*0.03*	622	**5.0**	*0.22*	0.52	*0.03*
Italy, Biella Province	28	**3.8**	*0.91*	0.43	*0.09*	31	**4.1**	*1.04*	0.38	*0.08*
Italy, Brescia Province	142	**7.6**	*0.74*	0.75	*0.07*	120	**5.7**	*0.68*	0.52	*0.06*
Italy, Ferrara Province	107	**7.5**	*0.95*	0.78	*0.09*	111	**6.2**	*0.91*	0.63	*0.08*
Italy, Florence and Prato	303	**6.5**	*0.47*	0.68	*0.05*	288	**5.6**	*0.45*	0.59	*0.04*
Italy, Genoa Province	144	**7.2**	*0.83*	0.70	*0.07*	119	**4.5**	*0.60*	0.46	*0.05*
Italy, Macerata Province	48	**7.6**	*1.29*	0.72	*0.11*	50	**6.0**	*0.96*	0.74	*0.11*
Italy, Milan	263	**6.7**	*0.52*	0.67	*0.05*	206	**3.8**	*0.37*	0.38	*0.03*
Italy, Modena Province	152	**6.2**	*0.60*	0.66	*0.06*	141	**5.2**	*0.61*	0.49	*0.05*
Italy, Naples	116	**8.0**	*0.76*	0.78	*0.08*	94	**6.0**	*0.66*	0.61	*0.07*
Italy, North East Cancer Surveillance Network	472	**6.8**	*0.38*	0.66	*0.03*	401	**4.0**	*0.27*	0.40	*0.03*
Italy, Parma Province	147	**9.4**	*0.97*	0.96	*0.09*	109	**5.8**	*0.81*	0.56	*0.07*
Italy, Ragusa Province	68	**7.2**	*0.96*	0.75	*0.10*	56	**5.3**	*0.79*	0.56	*0.08*
Italy, Reggio Emilia Province	113	**7.2**	*0.80*	0.73	*0.08*	93	**5.1**	*0.69*	0.46	*0.06*
Italy, Romagna Region	277	**7.3**	*0.54*	0.76	*0.05*	227	**4.5**	*0.40*	0.48	*0.04*
Italy, Salerno Province	184	**6.4**	*0.51*	0.65	*0.05*	188	**6.0**	*0.51*	0.64	*0.05*
Italy, Sassari Province	126	**7.5**	*0.72*	0.80	*0.08*	109	**5.5**	*0.64*	0.51	*0.06*
Italy, Syracuse Province	79	**7.5**	*0.90*	0.84	*0.10*	52	**4.4**	*0.73*	0.45	*0.07*
Italy, Sondrio	31	**4.9**	*0.92*	0.54	*0.11*	24	**3.7**	*0.94*	0.37	*0.09*
Italy, Torino	231	**6.8**	*0.56*	0.70	*0.05*	201	**4.5**	*0.45*	0.48	*0.04*
Italy, Umbria Region	221	**7.0**	*0.58*	0.70	*0.05*	210	**5.5**	*0.53*	0.57	*0.05*
Italy, Varese Province	136	**8.3**	*0.80*	0.86	*0.08*	90	**3.8**	*0.45*	0.44	*0.05*
Italy, Veneto Region	385	**6.9**	*0.41*	0.71	*0.04*	363	**5.5**	*0.38*	0.55	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Brain, nervous system (C70-72) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	439	**7.0**	*0.37*	0.67	*0.03*	383	**4.3**	*0.25*	0.45	*0.02*
Lithuania	630	**6.5**	*0.27*	0.69	*0.03*	590	**4.8**	*0.22*	0.48	*0.02*
Malta	65	**5.7**	*0.74*	0.60	*0.08*	45	**3.2**	*0.51*	0.36	*0.06*
Norway	955	**6.7**	*0.23*	0.70	*0.03*	736	**4.8**	*0.20*	0.48	*0.02*
Poland, Cracow	146	**7.0**	*0.65*	0.72	*0.07*	126	**4.5**	*0.48*	0.45	*0.05**
Poland, Kielce	355	**9.7**	*0.54*	1.00	*0.06*	369	**8.3**	*0.48*	0.88	*0.05*
Poland, Warsaw City	347	**6.6**	*0.39*	0.73	*0.04*	316	**4.5**	*0.30*	0.47	*0.03*
Portugal, Porto	445	**5.1**	*0.26*	0.53	*0.03*	362	**3.6**	*0.21*	0.37	*0.02**
Portugal, South Regional	735	**7.8**	*0.32*	0.81	*0.03*	605	**5.7**	*0.29*	0.55	*0.03*
Russia, St Petersburg	573	**4.7**	*0.22*	0.49	*0.02*	571	**3.4**	*0.18*	0.33	*0.01*
Serbia	1345	**9.4**	*0.28*	0.98	*0.03*	1121	**7.5**	*0.26*	0.74	*0.02*
Slovak Republic	876	**6.1**	*0.22*	0.65	*0.02*	699	**4.0**	*0.16*	0.41	*0.02*
Slovenia	332	**5.6**	*0.33*	0.58	*0.03*	261	**3.7**	*0.27*	0.38	*0.03*
Spain, Albacete	64	**6.1**	*0.86*	0.65	*0.09*	39	**2.8**	*0.55*	0.28	*0.06*
Spain, Asturias	221	**5.6**	*0.45*	0.58	*0.04*	211	**4.9**	*0.46*	0.50	*0.04*
Spain, Basque Country	402	**6.6**	*0.36*	0.72	*0.04*	362	**5.2**	*0.35*	0.51	*0.03*
Spain, Canary Islands	240	**5.5**	*0.37*	0.61	*0.04*	202	**4.3**	*0.33*	0.43	*0.04*
Spain, Cuenca	50	**5.8**	*0.96*	0.61	*0.10*	37	**4.6**	*0.97*	0.42	*0.09*
Spain, Girona	128	**6.9**	*0.74*	0.66	*0.07*	108	**5.4**	*0.64*	0.55	*0.06*
Spain, Granada	128	**4.8**	*0.45*	0.53	*0.05*	110	**3.5**	*0.38*	0.38	*0.04*
Spain, Murcia	187	**5.7**	*0.45*	0.54	*0.04*	148	**3.7**	*0.35*	0.38	*0.04*
Spain, Navarra	142	**7.6**	*0.78*	0.75	*0.07*	123	**5.5**	*0.63*	0.57	*0.06*
Spain, Tarragona	109	**6.1**	*0.65*	0.66	*0.07*	111	**6.2**	*0.69*	0.64	*0.07*
Spain, Zaragoza	146	**5.0**	*0.46*	0.52	*0.05*	132	**3.8**	*0.43*	0.39	*0.04*
Sweden	1586	**5.7**	*0.16*	0.59	*0.02*	1164	**4.0**	*0.13*	0.41	*0.01*
Switzerland, Geneva	94	**7.2**	*0.78*	0.84	*0.10*	64	**3.8**	*0.58*	0.38	*0.06*
Switzerland, Graubunden and Glarus	56	**8.1**	*1.21*	0.77	*0.12*	49	**6.4**	*1.08*	0.61	*0.10*
Switzerland, Neuchatel	33	**6.5**	*1.27*	0.63	*0.12*	24	**5.3**	*1.26*	0.48	*0.10*
Switzerland, St Gall-Appenzell	95	**5.8**	*0.64*	0.64	*0.07*	77	**4.0**	*0.50*	0.41	*0.06*
Switzerland, Ticino	72	**7.4**	*1.00*	0.78	*0.10*	60	**4.5**	*0.72*	0.40	*0.07*
Switzerland, Valais	45	**5.2**	*0.82*	0.52	*0.09*	39	**3.7**	*0.68*	0.41	*0.08*
Switzerland, Vaud	116	**5.7**	*0.57*	0.59	*0.06*	89	**4.2**	*0.50*	0.40	*0.05*
The Netherlands	2871	**5.8**	*0.11*	0.61	*0.01*	2131	**4.1**	*0.10*	0.42	*0.01*
The Netherlands, Eindhoven	172	**5.5**	*0.44*	0.57	*0.05*	138	**4.3**	*0.41*	0.45	*0.04*
The Netherlands, Maastricht	182	**6.2**	*0.50*	0.64	*0.05*	127	**4.3**	*0.44*	0.45	*0.04*
UK, East of England Region	570	**5.9**	*0.27*	0.64	*0.03*	418	**4.0**	*0.23*	0.43	*0.02*
UK, England, Merseyside and Cheshire	599	**7.5**	*0.33*	0.78	*0.04*	487	**5.1**	*0.26*	0.55	*0.03*
UK, England, North Western	727	**5.4**	*0.22*	0.56	*0.02*	615	**4.3**	*0.20*	0.44	*0.02*
UK, England, Northern and Yorkshire	1464	**6.8**	*0.19*	0.71	*0.02*	1056	**4.4**	*0.15*	0.45	*0.02*
UK, England, Oxford Region	562	**6.5**	*0.29*	0.70	*0.03*	375	**4.1**	*0.23*	0.42	*0.03*
UK, England, South and Western Regions	1676	**7.3**	*0.20*	0.75	*0.02*	1208	**4.8**	*0.16*	0.48	*0.02*
UK, England, Thames	2833	**6.5**	*0.13*	0.70	*0.02*	2171	**4.3**	*0.11*	0.45	*0.01*
UK, England, Trent	1064	**6.6**	*0.22*	0.66	*0.02*	866	**4.9**	*0.20*	0.48	*0.02*
UK, England, West Midlands	1019	**5.9**	*0.20*	0.62	*0.02*	740	**3.9**	*0.16*	0.40	*0.02*
UK, Northern Ireland	338	**6.9**	*0.39*	0.69	*0.04*	254	**4.6**	*0.32*	0.45	*0.03*
UK, Scotland	1071	**6.5**	*0.21*	0.69	*0.02*	823	**4.1**	*0.17*	0.43	*0.02*
Oceania										
Australia, New South Wales	1328	**6.6**	*0.19*	0.69	*0.02*	983	**4.6**	*0.16*	0.47	*0.02*
Australia, Northern Territory	24	**4.7**	*1.02*	0.45	*0.12*	14	**4.3**	*1.23*	0.52	*0.22*
Australia, Queensland	686	**6.3**	*0.25*	0.66	*0.03*	528	**4.7**	*0.22*	0.46	*0.02*
Australia, South	334	**6.8**	*0.40*	0.72	*0.05*	234	**4.2**	*0.31*	0.43	*0.03*
Australia, Tasmania	106	**7.1**	*0.73*	0.70	*0.08*	70	**4.5**	*0.60*	0.45	*0.06*
Australia, Victoria	1070	**7.2**	*0.23*	0.71	*0.03*	815	**5.0**	*0.20*	0.50	*0.02*
Australia, Western	349	**6.3**	*0.35*	0.64	*0.04*	247	**3.9**	*0.27*	0.40	*0.03*
Australian Capital Territory	55	**6.5**	*0.91*	0.55	*0.09*	43	**4.5**	*0.72*	0.41	*0.08*
French Polynesia	25	**4.8**	*1.00*	0.50	*0.13*	20	**4.0**	*0.93*	0.43	*0.12*
New Zealand	783	**7.0**	*0.26*	0.72	*0.03*	508	**4.0**	*0.19*	0.41	*0.02*
USA, Hawaii	158	**4.4**	*0.38*	0.40	*0.04*	124	**3.4**	*0.34*	0.31	*0.03*
USA, Hawaii: Chinese	6	**1.7**	*0.81*	0.12	*0.07*	4	**1.9**	*0.96*	0.17	*0.08*
USA, Hawaii: Filipino	19	**2.7**	*0.67*	0.28	*0.09*	10	**1.5**	*0.51*	0.14	*0.06*
USA, Hawaii: Hawaiian	29	**5.1**	*0.97*	0.48	*0.12*	25	**4.5**	*0.92*	0.43	*0.10*
USA, Hawaii: Japanese	27	**3.2**	*0.80*	0.26	*0.06*	23	**3.2**	*0.97*	0.26	*0.06*
USA, Hawaii: White	68	**8.2**	*1.19*	0.74	*0.11*	49	**5.1**	*0.88*	0.46	*0.08*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Thyroid (C73)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	32	**1.4**	*0.26*	-	-	88	**3.6**	*0.41*	-	- *
Egypt, Gharbiah	53	**1.1**	*0.17*	-	-	151	**2.6**	*0.22*	-	-
Tunisia, Centre, Sousse	14	**1.3**	*0.37*	-	-	34	**3.1**	*0.54*	-	- *
Uganda, Kyadondo County	11	**0.5**	*0.23*	-	-	26	**1.5**	*0.38*	-	- *
Zimbabwe, Harare: African	14	**1.0**	*0.30*	-	-	45	**3.1**	*0.54*	-	- *
America, Central and South										
Argentina, Bahia Blanca	6	**0.7**	*0.31*	0.04	*0.03*	17	**1.9**	*0.47*	0.22	*0.06*
Brazil, Brasilia	88	**3.5**	*0.41*	0.42	*0.06*	338	**9.8**	*0.60*	1.04	*0.08*
Brazil, Cuiaba	8	**1.1**	*0.42*	0.14	*0.07*	43	**4.8**	*0.79*	0.53	*0.10*
Brazil, Goiania	39	**2.1**	*0.36*	0.22	*0.05*	208	**9.3**	*0.67*	0.90	*0.08*
Brazil, Sao Paulo	861	**3.6**	*0.13*	0.38	*0.02*	4399	**14.9**	*0.24*	1.46	*0.03*
Chile, Valdivia	16	**1.7**	*0.44*	0.22	*0.07*	42	**4.4**	*0.69*	0.49	*0.09*
Colombia, Cali	85	**2.2**	*0.25*	0.24	*0.03*	450	**9.4**	*0.46*	0.96	*0.06*
Costa Rica	141	**1.7**	*0.15*	0.18	*0.02*	739	**8.2**	*0.31*	0.78	*0.03*
Ecuador, Quito	57	**2.0**	*0.28*	0.21	*0.04*	356	**10.2**	*0.56*	1.03	*0.07*
France, La Martinique	11	**1.0**	*0.30*	0.09	*0.03*	80	**6.5**	*0.75*	0.65	*0.08*
Peru, Trujillo	17	**1.7**	*0.42*	0.20	*0.07*	68	**5.7**	*0.72*	0.68	*0.10**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	2095	**2.9**	*0.06*	0.30	*0.01*	6839	**9.3**	*0.12*	0.87	*0.01*
Canada, Alberta	295	**3.2**	*0.19*	0.34	*0.02*	802	**8.8**	*0.32*	0.83	*0.03*
Canada, British Columbia	271	**2.1**	*0.13*	0.22	*0.01*	733	**5.6**	*0.22*	0.53	*0.02*
Canada, Manitoba	68	**2.0**	*0.25*	0.23	*0.03*	265	**7.5**	*0.49*	0.68	*0.05*
Canada, New Brunswick	54	**2.2**	*0.31*	0.19	*0.03*	178	**7.3**	*0.57*	0.67	*0.05*
Canada, Newfoundland and Labrador	26	**1.5**	*0.30*	0.14	*0.03*	102	**5.9**	*0.60*	0.54	*0.06*
Canada, Northwest Territories	2	**1.5**	*1.07*	0.10	*0.07*	7	**6.0**	*2.33*	0.57	*0.24*
Canada, Nova Scotia	54	**1.7**	*0.24*	0.22	*0.03*	180	**5.8**	*0.46*	0.53	*0.04*
Canada, Ontario	1243	**3.4**	*0.10*	0.35	*0.01*	4349	**11.8**	*0.18*	1.10	*0.02*
Canada, Prince Edward Island	3	**0.6**	*0.38*	0.09	*0.06*	19	**4.1**	*0.99*	0.39	*0.10*
Canada, Saskatchewan	79	**2.6**	*0.30*	0.28	*0.03*	204	**6.7**	*0.49*	0.62	*0.05*
USA, Alabama	300	**2.2**	*0.13*	0.23	*0.02*	898	**6.4**	*0.22*	0.59	*0.02*
USA, Alabama: Black	38	**1.4**	*0.23*	0.16	*0.03*	171	**4.8**	*0.38*	0.48	*0.04*
USA, Alabama: White	257	**2.4**	*0.15*	0.25	*0.02*	704	**6.9**	*0.27*	0.63	*0.03*
USA, Alaska	63	**3.6**	*0.48*	0.40	*0.06*	173	**10.0**	*0.79*	0.92	*0.08*
USA, Arizona	475	**3.0**	*0.14*	0.31	*0.02*	1368	**9.0**	*0.25*	0.85	*0.02*
USA, California	2720	**2.8**	*0.06*	0.30	*0.01*	8487	**8.4**	*0.09*	0.80	*0.01*
USA, California: Asian and Pacific Islander	329	**2.9**	*0.16*	0.30	*0.02*	1264	**9.5**	*0.27*	0.94	*0.03*
USA, California: Black	103	**1.6**	*0.17*	0.19	*0.02*	308	**4.3**	*0.25*	0.43	*0.03*
USA, California: Hispanic White	470	**2.3**	*0.11*	0.25	*0.02*	2002	**8.3**	*0.20*	0.82	*0.02*
USA, California: Non-Hispanic White	1789	**3.2**	*0.08*	0.34	*0.01*	4783	**9.0**	*0.14*	0.83	*0.01*
USA, California, Greater San Francisco Bay Area	545	**2.8**	*0.12*	0.29	*0.01*	1572	**7.8**	*0.20*	0.73	*0.02*
USA, California, Greater San Francisco Bay Area: Black	22	**1.5**	*0.34*	0.18	*0.05*	57	**3.7**	*0.50*	0.37	*0.06*
USA, California, Greater San Francisco Bay Area: Chinese	37	**2.5**	*0.42*	0.24	*0.04*	135	**8.5**	*0.77*	0.78	*0.07*
USA, California, Greater San Francisco Bay Area: Filipino	33	**3.7**	*0.66*	0.37	*0.07*	94	**8.8**	*0.92*	0.89	*0.10*
USA, California, Greater San Francisco Bay Area: Japanese	5	**2.2**	*1.01*	0.23	*0.11*	22	**5.8**	*1.45*	0.58	*0.14*
USA, California, Greater San Francisco Bay Area: Hispanic White	66	**2.3**	*0.31*	0.28	*0.05*	236	**7.4**	*0.50*	0.69	*0.06*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	339	**3.0**	*0.17*	0.32	*0.02*	826	**7.9**	*0.30*	0.72	*0.03*
USA, California, Los Angeles County	779	**3.0**	*0.11*	0.32	*0.01*	2516	**8.9**	*0.18*	0.86	*0.02*
USA, California, Los Angeles County: Black	47	**1.8**	*0.27*	0.20	*0.03*	129	**4.0**	*0.36*	0.40	*0.04*
USA, California, Los Angeles County: Chinese	26	**2.3**	*0.47*	0.23	*0.05*	81	**6.8**	*0.79*	0.57	*0.07*
USA, California, Los Angeles County: Filipino	37	**4.8**	*0.81*	0.51	*0.10*	155	**15.7**	*1.29*	1.54	*0.14*
USA, California, Los Angeles County: Japanese	17	**4.0**	*1.00*	0.47	*0.12*	33	**6.9**	*1.27*	0.69	*0.13*
USA, California, Los Angeles County: Korean	18	**3.2**	*0.77*	0.35	*0.10*	59	**9.3**	*1.25*	0.97	*0.14*
USA, California, Los Angeles County: Hispanic White	169	**2.2**	*0.18*	0.24	*0.02*	802	**8.3**	*0.31*	0.82	*0.04*
USA, California, Los Angeles County: Non-Hispanic White	438	**3.9**	*0.20*	0.40	*0.02*	1160	**11.1**	*0.35*	1.05	*0.03*
USA, Colorado	432	**3.4**	*0.17*	0.36	*0.02*	1256	**9.6**	*0.28*	0.90	*0.03*
USA, Connecticut	386	**3.8**	*0.20*	0.38	*0.02*	1113	**10.2**	*0.32*	0.95	*0.03*
USA, Connecticut: Black	7	**0.9**	*0.34*	0.08	*0.03*	51	**4.9**	*0.70*	0.51	*0.08*
USA, Connecticut: White	368	**4.1**	*0.22*	0.40	*0.02*	1007	**10.6**	*0.36*	0.98	*0.03*
USA, District of Columbia	82	**5.1**	*0.57*	0.53	*0.07*	191	**10.3**	*0.76*	1.03	*0.08*
USA, District of Columbia: Black	36	**3.8**	*0.64*	0.42	*0.08*	107	**8.9**	*0.89*	0.92	*0.10*
USA, District of Columbia: White	40	**6.3**	*1.02*	0.63	*0.12*	62	**10.1**	*1.32*	0.99	*0.14*
USA, Florida	1434	**2.6**	*0.07*	0.28	*0.01*	4052	**7.8**	*0.13*	0.73	*0.01*
USA, Florida: Black	69	**1.3**	*0.15*	0.16	*0.02*	345	**4.9**	*0.27*	0.47	*0.03*
USA, Florida: White	1334	**2.8**	*0.08*	0.30	*0.01*	3582	**8.3**	*0.15*	0.77	*0.01*
USA, Georgia	568	**2.5**	*0.11*	0.28	*0.01*	1774	**7.1**	*0.17*	0.68	*0.02*
USA, Georgia: Black	66	**1.3**	*0.16*	0.14	*0.02*	334	**4.8**	*0.27*	0.49	*0.03*
USA, Georgia: White	484	**2.8**	*0.13*	0.32	*0.02*	1377	**8.0**	*0.22*	0.76	*0.02*
USA, Georgia, Atlanta	213	**2.8**	*0.20*	0.31	*0.03*	720	**8.1**	*0.31*	0.78	*0.03*
USA, Georgia, Atlanta: Black	26	**1.1**	*0.24*	0.13	*0.03*	157	**5.1**	*0.43*	0.51	*0.05*
USA, Georgia, Atlanta: White	173	**3.5**	*0.27*	0.37	*0.03*	525	**9.9**	*0.45*	0.93	*0.05*
USA, Idaho	117	**3.1**	*0.29*	0.34	*0.04*	367	**10.0**	*0.54*	0.90	*0.05*
USA, Illinois	1100	**3.0**	*0.09*	0.32	*0.01*	3380	**8.8**	*0.16*	0.83	*0.02*
USA, Illinois: Black	62	**1.4**	*0.18*	0.17	*0.02*	277	**4.8**	*0.29*	0.47	*0.03*
USA, Illinois: White	972	**3.2**	*0.10*	0.33	*0.01*	2908	**9.5**	*0.18*	0.88	*0.02*
USA, Indiana	476	**2.6**	*0.12*	0.29	*0.01*	1451	**7.8**	*0.21*	0.72	*0.02*
USA, Iowa	290	**3.2**	*0.19*	0.35	*0.02*	861	**9.8**	*0.35*	0.89	*0.03*
USA, Kentucky	332	**2.7**	*0.15*	0.28	*0.02*	1057	**8.4**	*0.27*	0.77	*0.03*
USA, Louisiana	318	**2.5**	*0.14*	0.27	*0.02*	1052	**7.7**	*0.24*	0.73	*0.02*
USA, Louisiana: Black	47	**1.5**	*0.23*	0.19	*0.03*	209	**4.9**	*0.35*	0.50	*0.04*
USA, Louisiana: White	266	**2.9**	*0.18*	0.31	*0.02*	831	**9.2**	*0.33*	0.85	*0.03*
USA, Louisiana, New Orleans: Black	15	**1.7**	*0.43*	0.23	*0.07*	59	**4.6**	*0.61*	0.48	*0.07*
USA, Louisiana, New Orleans: White	54	**3.1**	*0.43*	0.33	*0.05*	163	**9.0**	*0.75*	0.89	*0.07*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Thyroid (C73) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	99	**2.4**	*0.25*	0.26	*0.03*	338	**8.4**	*0.49*	0.75	*0.04*
USA, Massachusetts	644	**3.4**	*0.14*	0.36	*0.02*	2132	**10.4**	*0.23*	0.96	*0.02*
USA, Michigan	842	**2.8**	*0.10*	0.29	*0.01*	2696	**8.7**	*0.17*	0.80	*0.02*
USA, Michigan: Black	65	**2.0**	*0.26*	0.25	*0.04*	242	**5.6**	*0.37*	0.58	*0.04*
USA, Michigan: White	756	**2.9**	*0.11*	0.30	*0.01*	2348	**9.2**	*0.20*	0.83	*0.02*
USA, Michigan, Detroit	384	**3.2**	*0.17*	0.35	*0.02*	1171	**9.0**	*0.28*	0.84	*0.03*
USA, Michigan, Detroit: Black	53	**2.2**	*0.31*	0.26	*0.04*	180	**5.5**	*0.43*	0.57	*0.05*
USA, Michigan, Detroit: White	323	**3.5**	*0.20*	0.37	*0.02*	946	**10.3**	*0.36*	0.93	*0.03*
USA, Missouri	480	**2.8**	*0.13*	0.30	*0.02*	1496	**8.5**	*0.23*	0.80	*0.02*
USA, Missouri: Black	22	**1.5**	*0.33*	0.20	*0.05*	93	**4.9**	*0.52*	0.47	*0.06*
USA, Missouri: White	452	**3.0**	*0.15*	0.32	*0.02*	1370	**9.0**	*0.26*	0.84	*0.02*
USA, Montana	108	**3.6**	*0.36*	0.37	*0.04*	321	**11.9**	*0.70*	1.08	*0.06*
USA, NPCR	19839	**3.0**	*0.02*	0.31	*0.00*	60456	**8.7**	*0.04*	0.82	*0.00*
USA, NPCR: Black	1052	**1.6**	*0.05*	0.18	*0.01*	4256	**5.2**	*0.08*	0.52	*0.01*
USA, NPCR: White	17616	**3.1**	*0.02*	0.33	*0.00*	51843	**9.1**	*0.04*	0.85	*0.00*
USA, New Jersey	969	**3.8**	*0.13*	0.41	*0.01*	2966	**11.0**	*0.21*	1.03	*0.02*
USA, New Jersey: Black	64	**2.2**	*0.28*	0.24	*0.03*	213	**5.6**	*0.39*	0.56	*0.04*
USA, New Jersey: White	845	**4.0**	*0.14*	0.43	*0.02*	2522	**11.9**	*0.25*	1.10	*0.02*
USA, New Mexico	222	**4.1**	*0.28*	0.41	*0.03*	636	**11.6**	*0.47*	1.12	*0.05*
USA, New Mexico: American Indian	7	**1.7**	*0.66*	0.22	*0.10*	40	**8.4**	*1.35*	0.81	*0.15*
USA, New Mexico: Hispanic White	81	**4.3**	*0.48*	0.42	*0.05*	214	**10.9**	*0.76*	1.08	*0.08*
USA, New Mexico: Non-Hispanic White	131	**4.5**	*0.41*	0.45	*0.04*	371	**13.6**	*0.76*	1.26	*0.07*
USA, New York State	2019	**3.6**	*0.08*	0.39	*0.01*	6201	**10.1**	*0.13*	0.96	*0.01*
USA, New York State: Black	112	**1.6**	*0.15*	0.17	*0.02*	564	**5.9**	*0.25*	0.59	*0.03*
USA, New York State: White	1790	**3.9**	*0.10*	0.42	*0.01*	5205	**11.0**	*0.16*	1.02	*0.02*
USA, Ohio	856	**2.5**	*0.09*	0.26	*0.01*	2605	**7.3**	*0.15*	0.68	*0.01*
USA, Ohio: Black	42	**1.3**	*0.21*	0.15	*0.03*	170	**4.2**	*0.33*	0.41	*0.04*
USA, Ohio: White	766	**2.5**	*0.09*	0.26	*0.01*	2314	**7.4**	*0.16*	0.69	*0.02*
USA, Oklahoma	230	**2.2**	*0.15*	0.23	*0.02*	596	**5.7**	*0.24*	0.53	*0.02*
USA, Oregon	305	**2.9**	*0.17*	0.29	*0.02*	848	**8.1**	*0.29*	0.74	*0.03*
USA, Pennsylvania	1513	**3.9**	*0.10*	0.41	*0.01*	4903	**12.5**	*0.19*	1.18	*0.02*
USA, Pennsylvania: Black	76	**2.4**	*0.29*	0.27	*0.04*	365	**9.6**	*0.51*	0.96	*0.05*
USA, Pennsylvania: White	1381	**3.9**	*0.11*	0.42	*0.01*	4355	**12.6**	*0.20*	1.18	*0.02*
USA, Rhode Island	116	**3.6**	*0.35*	0.36	*0.04*	377	**11.4**	*0.61*	1.03	*0.06*
USA, SEER (9 Registries)	2588	**3.3**	*0.07*	0.34	*0.01*	7819	**9.5**	*0.11*	0.89	*0.01*
USA, SEER (9 Registries): Black	121	**1.6**	*0.15*	0.19	*0.02*	494	**5.2**	*0.24*	0.53	*0.03*
USA, SEER (9 Registries): White	2216	**3.5**	*0.08*	0.36	*0.01*	6306	**10.0**	*0.13*	0.92	*0.01*
USA, SEER (14 Registries)	6586	**3.0**	*0.04*	0.32	*0.00*	20454	**9.1**	*0.07*	0.86	*0.01*
USA, SEER (14 Registries): Asian and Pacific Islander	518	**2.9**	*0.13*	0.31	*0.02*	2014	**9.8**	*0.22*	0.97	*0.02*
USA, SEER (14 Registries): Black	330	**1.7**	*0.10*	0.20	*0.01*	1224	**5.0**	*0.15*	0.51	*0.02*
USA, SEER (14 Registries): Hispanic White	680	**2.5**	*0.10*	0.27	*0.01*	2779	**8.8**	*0.17*	0.86	*0.02*
USA, SEER (14 Registries): Non-Hispanic White	4971	**3.4**	*0.05*	0.36	*0.01*	14047	**9.8**	*0.09*	0.91	*0.01*
USA, South Carolina	265	**2.2**	*0.14*	0.23	*0.02*	839	**6.6**	*0.24*	0.62	*0.02*
USA, South Carolina: Black	37	**1.2**	*0.20*	0.12	*0.03*	162	**4.5**	*0.36*	0.45	*0.04*
USA, South Carolina: White	223	**2.5**	*0.17*	0.26	*0.02*	659	**7.6**	*0.31*	0.69	*0.03*
USA, Texas	1699	**2.9**	*0.07*	0.31	*0.01*	4887	**8.0**	*0.12*	0.76	*0.01*
USA, Texas: Black	96	**1.7**	*0.18*	0.17	*0.02*	332	**4.8**	*0.27*	0.47	*0.03*
USA, Texas: White	1518	**3.0**	*0.08*	0.32	*0.01*	4285	**8.3**	*0.13*	0.78	*0.01*
USA, Utah	202	**3.7**	*0.26*	0.40	*0.03*	691	**11.8**	*0.46*	1.09	*0.05*
USA, Vermont	52	**2.8**	*0.41*	0.29	*0.04*	170	**8.5**	*0.69*	0.77	*0.07*
USA, Washington State	580	**3.3**	*0.14*	0.33	*0.02*	1760	**9.9**	*0.24*	0.91	*0.02*
USA, Washington, Seattle	411	**3.4**	*0.17*	0.34	*0.02*	1215	**9.7**	*0.29*	0.90	*0.03*
USA, West Virginia	179	**3.1**	*0.24*	0.30	*0.02*	542	**9.1**	*0.41*	0.86	*0.04*
USA, Wisconsin	463	**2.8**	*0.14*	0.28	*0.01*	1288	**7.9**	*0.23*	0.71	*0.02*
Asia										
Bahrain: Bahraini	8	**1.1**	*0.42*	0.14	*0.06*	57	**7.7**	*1.09*	0.80	*0.13*
China, Guangzhou City	84	**1.4**	*0.15*	0.14	*0.02*	295	**4.7**	*0.28*	0.45	*0.03**
China, Hong Kong	447	**2.2**	*0.11*	0.23	*0.01*	1557	**7.2**	*0.19*	0.69	*0.02*
China, Jiashan	11	**1.0**	*0.33*	0.08	*0.03*	20	**1.5**	*0.34*	0.15	*0.04**
China, Nangang District, Harbin City	18	**0.7**	*0.17*	0.09	*0.02*	33	**1.2**	*0.21*	0.14	*0.03*
China, Shanghai	314	**1.4**	*0.08*	0.15	*0.01*	1044	**4.7**	*0.15*	0.46	*0.02**
China, Zhongshan	35	**0.9**	*0.16*	0.10	*0.02*	105	**3.0**	*0.30*	0.28	*0.03**
Cyprus	54	**2.7**	*0.38*	0.29	*0.04*	190	**9.3**	*0.69*	0.83	*0.06**
India, Chennai (Madras)	82	**0.8**	*0.09*	0.09	*0.01*	202	**1.9**	*0.14*	0.21	*0.02*
India, New Delhi	262	**1.0**	*0.07*	0.12	*0.01*	579	**2.6**	*0.12*	0.28	*0.02**
India, Karunagappally	17	**1.7**	*0.45*	0.22	*0.08*	44	**3.9**	*0.60*	0.32	*0.06*
India, Mumbai (Bombay)	184	**0.7**	*0.06*	0.08	*0.01*	355	**1.5**	*0.08*	0.14	*0.01*
India, Nagpur	17	**0.4**	*0.10*	0.05	*0.01*	42	**1.0**	*0.15*	0.12	*0.02**
India, Poona	53	**0.7**	*0.11*	0.09	*0.02*	93	**1.4**	*0.15*	0.15	*0.02**
India, Trivandrum	58	**2.0**	*0.27*	0.23	*0.04*	196	**5.8**	*0.42*	0.49	*0.04**
Israel	526	**3.4**	*0.15*	0.35	*0.02*	1948	**11.7**	*0.27*	1.17	*0.03*
Israel: Jews	474	**3.5**	*0.17*	0.37	*0.02*	1747	**12.1**	*0.30*	1.21	*0.03*
Israel: Non-Jews	43	**2.0**	*0.34*	0.19	*0.04*	161	**7.0**	*0.58*	0.68	*0.07*
Japan, Aichi Prefecture	50	**1.3**	*0.19*	0.14	*0.02*	196	**5.6**	*0.41*	0.57	*0.04*
Japan, Fukui Prefecture	81	**2.7**	*0.32*	0.28	*0.03*	221	**6.2**	*0.47*	0.68	*0.05*
Japan, Hiroshima	93	**2.3**	*0.25*	0.29	*0.03*	472	**11.6**	*0.55*	1.23	*0.06*
Japan, Miyagi Prefecture	175	**2.0**	*0.16*	0.21	*0.02*	819	**9.2**	*0.34*	0.99	*0.04*
Japan, Nagasaki Prefecture	122	**2.0**	*0.20*	0.22	*0.02*	473	**7.4**	*0.38*	0.76	*0.04*
Japan, Osaka Prefecture	432	**1.3**	*0.06*	0.14	*0.01*	1194	**3.2**	*0.10*	0.33	*0.01*
Japan, Yamagata Prefecture	77	**1.5**	*0.19*	0.17	*0.02*	393	**8.0**	*0.46*	0.82	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Thyroid (C73) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	2314	**2.3**	*0.05*	0.24	*0.01*	13725	**12.2**	*0.11*	1.19	*0.01*
Korea, Busan	215	**2.2**	*0.18*	0.22	*0.02*	989	**8.5**	*0.28*	0.87	*0.03*
Korea, Daegu	118	**1.7**	*0.17*	0.16	*0.02*	753	**10.1**	*0.38*	0.98	*0.04*
Korea, Daejeon	73	**2.2**	*0.27*	0.21	*0.03*	339	**8.8**	*0.49*	0.83	*0.05*
Korea, Gwangju	121	**3.6**	*0.35*	0.42	*0.05*	809	**21.4**	*0.77*	2.14	*0.09*
Korea, Incheon	109	**1.9**	*0.20*	0.16	*0.02*	715	**10.3**	*0.40*	1.02	*0.04*
Korea, Jejudo	25	**3.1**	*0.64*	0.37	*0.10*	128	**13.1**	*1.18*	1.34	*0.13*
Korea, Seoul	644	**2.5**	*0.10*	0.27	*0.01*	4122	**14.1**	*0.22*	1.42	*0.03*
Korea, Ulsan	49	**2.4**	*0.40*	0.25	*0.06*	265	**12.3**	*0.81*	1.23	*0.09*
Kuwait: Kuwaitis	46	**3.5**	*0.56*	0.37	*0.07*	120	**7.3**	*0.72*	0.75	*0.09*
Kuwait: Non-Kuwaitis	62	**1.0**	*0.20*	0.10	*0.03*	86	**5.0**	*0.91*	0.55	*0.13*
Malaysia, Penang	25	**1.1**	*0.23*	0.10	*0.02*	103	**4.0**	*0.40*	0.44	*0.05*
Malaysia, Sarawak	46	**1.1**	*0.17*	0.12	*0.02*	138	**3.2**	*0.28*	0.33	*0.03*
Oman: Omani	32	**1.7**	*0.32*	0.20	*0.04*	137	**5.9**	*0.54*	0.53	*0.06**
Pakistan, South Karachi	25	**0.7**	*0.15*	0.07	*0.02*	71	**2.9**	*0.38*	0.31	*0.05**
Philippines, Manila	260	**2.9**	*0.21*	0.32	*0.03*	1206	**11.1**	*0.35*	1.22	*0.05**
Singapore	180	**2.0**	*0.15*	0.21	*0.02*	636	**6.6**	*0.27*	0.64	*0.03*
Singapore: Chinese	147	**2.0**	*0.17*	0.21	*0.02*	512	**6.5**	*0.30*	0.64	*0.03*
Singapore: Indian	11	**1.3**	*0.43*	0.16	*0.05*	46	**7.0**	*1.08*	0.69	*0.12*
Singapore: Malay	22	**2.3**	*0.51*	0.29	*0.07*	78	**6.8**	*0.81*	0.70	*0.10*
Thailand, Chiang Mai	43	**1.1**	*0.17*	0.13	*0.02*	191	**4.5**	*0.33*	0.44	*0.04**
Thailand, Lampang	18	**0.8**	*0.20*	0.13	*0.03*	87	**3.7**	*0.41*	0.38	*0.05**
Thailand, Songkhla	52	**1.7**	*0.24*	0.18	*0.03*	209	**6.2**	*0.43*	0.60	*0.05*
Turkey, Antalya	38	**1.1**	*0.19*	0.12	*0.02*	157	**4.5**	*0.37*	0.47	*0.04**
Turkey, Izmir	90	**1.1**	*0.12*	0.12	*0.01*	329	**3.6**	*0.20*	0.36	*0.02**
Europe										
Austria	737	**2.8**	*0.11*	0.30	*0.01*	1880	**6.5**	*0.16*	0.65	*0.02*
Austria, Tyrol	73	**3.4**	*0.40*	0.38	*0.05*	198	**8.7**	*0.65*	0.81	*0.06*
Austria, Vorarlberg	25	**2.3**	*0.46*	0.25	*0.06*	70	**5.5**	*0.70*	0.60	*0.08*
Belarus	892	**3.3**	*0.11*	0.29	*0.01*	3860	**12.2**	*0.20*	1.12	*0.02**
Belgium, Antwerp	64	**1.1**	*0.15*	0.12	*0.02*	128	**2.0**	*0.19*	0.21	*0.02**
Belgium, Flanders	206	**1.2**	*0.09*	0.13	*0.01*	512	**3.0**	*0.14*	0.30	*0.01*
Bulgaria	244	**0.9**	*0.06*	0.09	*0.01*	785	**2.8**	*0.11*	0.27	*0.01**
Croatia	306	**2.1**	*0.13*	0.22	*0.01*	1254	**8.2**	*0.24*	0.80	*0.02*
Czech Republic	571	**1.7**	*0.07*	0.18	*0.01*	2012	**5.4**	*0.13*	0.55	*0.01*
Denmark	210	**1.2**	*0.08*	0.11	*0.01*	524	**2.9**	*0.14*	0.27	*0.01*
Estonia	52	**1.2**	*0.17*	0.16	*0.02*	293	**5.5**	*0.34*	0.57	*0.04*
Finland	384	**2.2**	*0.11*	0.23	*0.01*	1281	**7.0**	*0.21*	0.67	*0.02*
France, Bas-Rhin	75	**2.3**	*0.27*	0.23	*0.03*	198	**5.8**	*0.43*	0.57	*0.04*
France, Calvados	59	**3.1**	*0.42*	0.27	*0.04*	203	**9.9**	*0.73*	0.93	*0.07*
France, Doubs	60	**3.8**	*0.50*	0.38	*0.05*	182	**11.2**	*0.86*	1.09	*0.09*
France, Haut-Rhin	58	**2.4**	*0.32*	0.27	*0.04*	119	**5.2**	*0.49*	0.50	*0.05*
France, Herault	62	**2.2**	*0.29*	0.23	*0.03*	220	**7.3**	*0.51*	0.71	*0.05*
France, Isere	143	**4.3**	*0.36*	0.44	*0.04*	461	**13.2**	*0.63*	1.30	*0.06*
France, Loire-Atlantique	106	**3.0**	*0.30*	0.31	*0.03*	405	**10.9**	*0.56*	1.07	*0.06*
France, Manche	32	**2.0**	*0.36*	0.20	*0.04*	122	**8.0**	*0.77*	0.76	*0.07*
France, Somme	36	**2.2**	*0.37*	0.22	*0.04*	165	**9.3**	*0.75*	0.95	*0.08*
France, Tarn	46	**3.8**	*0.59*	0.40	*0.06*	214	**18.1**	*1.31*	1.80	*0.13*
France, Vendee	96	**5.1**	*0.54*	0.53	*0.06*	306	**17.0**	*1.04*	1.67	*0.10*
Germany, Brandenburg	205	**2.2**	*0.16*	0.24	*0.02*	526	**5.4**	*0.26*	0.55	*0.03*
Germany, Free State of Saxony	337	**2.1**	*0.12*	0.22	*0.01*	930	**5.1**	*0.19*	0.52	*0.02*
Germany, Hamburg	75	**1.2**	*0.15*	0.12	*0.02*	152	**2.2**	*0.21*	0.21	*0.02*
Germany, Mecklenburg-Western Pomerania	136	**2.1**	*0.19*	0.23	*0.02*	405	**6.3**	*0.34*	0.61	*0.03*
Germany, Munich	209	**2.5**	*0.18*	0.26	*0.02*	637	**7.5**	*0.32*	0.76	*0.03*
Germany, Northrhine-Westphalia: Munster	122	**1.4**	*0.13*	0.15	*0.01*	308	**3.2**	*0.20*	0.31	*0.02*
Germany, Saarland	71	**1.9**	*0.24*	0.20	*0.03*	216	**5.3**	*0.39*	0.54	*0.04*
Iceland	41	**4.6**	*0.74*	0.52	*0.10*	91	**10.9**	*1.19*	1.06	*0.12*
Ireland	94	**0.8**	*0.09*	0.10	*0.01*	263	**2.3**	*0.14*	0.22	*0.02*
Italy, Biella Province	23	**3.2**	*0.69*	0.38	*0.08*	51	**8.2**	*1.30*	0.75	*0.11*
Italy, Brescia Province	105	**4.9**	*0.50*	0.51	*0.05*	334	**17.0**	*1.03*	1.61	*0.09*
Italy, Ferrara Province	87	**6.3**	*0.74*	0.69	*0.08*	266	**20.4**	*1.39*	2.03	*0.13*
Italy, Florence and Prato	143	**3.3**	*0.30*	0.36	*0.03*	451	**10.7**	*0.55*	1.03	*0.05*
Italy, Genoa Province	71	**3.5**	*0.48*	0.36	*0.05*	203	**10.0**	*0.81*	0.94	*0.07*
Italy, Macerata Province	17	**2.4**	*0.64*	0.23	*0.06*	49	**7.6**	*1.19*	0.79	*0.12*
Italy, Milan	119	**3.2**	*0.32*	0.33	*0.03*	341	**8.3**	*0.51*	0.81	*0.05*
Italy, Modena Province	127	**5.9**	*0.55*	0.54	*0.05*	349	**15.4**	*0.88*	1.51	*0.08*
Italy, Naples	53	**3.6**	*0.49*	0.36	*0.05*	150	**9.5**	*0.79*	0.85	*0.07*
Italy, North East Cancer Surveillance Network	210	**2.8**	*0.20*	0.27	*0.02*	700	**8.9**	*0.37*	0.89	*0.04*
Italy, Parma Province	71	**4.9**	*0.63*	0.52	*0.07*	198	**14.1**	*1.09*	1.33	*0.10*
Italy, Ragusa Province	31	**3.3**	*0.61*	0.35	*0.07*	97	**10.0**	*1.06*	0.93	*0.10*
Italy, Reggio Emilia Province	84	**5.2**	*0.59*	0.55	*0.06*	259	**16.5**	*1.11*	1.64	*0.11*
Italy, Romagna Region	151	**4.2**	*0.37*	0.42	*0.04*	520	**14.8**	*0.71*	1.41	*0.07*
Italy, Salerno Province	93	**3.5**	*0.37*	0.33	*0.04*	341	**12.4**	*0.70*	1.11	*0.06*
Italy, Sassari Province	50	**3.1**	*0.45*	0.35	*0.05*	200	**12.0**	*0.88*	1.24	*0.09*
Italy, Syracuse Province	35	**3.6**	*0.63*	0.34	*0.06*	146	**14.2**	*1.21*	1.32	*0.11*
Italy, Sondrio	15	**2.5**	*0.65*	0.22	*0.06*	58	**8.7**	*1.21*	0.93	*0.13*
Italy, Torino	80	**2.5**	*0.32*	0.26	*0.03*	306	**8.7**	*0.55*	0.86	*0.05*
Italy, Umbria Region	104	**3.7**	*0.41*	0.36	*0.04*	295	**10.3**	*0.67*	0.96	*0.06*
Italy, Varese Province	45	**2.9**	*0.46*	0.30	*0.05*	123	**7.1**	*0.69*	0.65	*0.06*
Italy, Veneto Region	156	**2.8**	*0.24*	0.29	*0.03*	482	**8.0**	*0.39*	0.79	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Thyroid (C73) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	70	**1.0**	*0.12*	0.11	*0.01*	412	**4.2**	*0.22*	0.44	*0.02*
Lithuania	167	**1.7**	*0.13*	0.18	*0.02*	838	**6.7**	*0.24*	0.69	*0.03*
Malta	19	**1.7**	*0.39*	0.17	*0.04*	112	**9.4**	*0.91*	0.85	*0.08*
Norway	247	**1.6**	*0.11*	0.18	*0.01*	649	**4.2**	*0.18*	0.41	*0.02*
Poland, Cracow	43	**1.8**	*0.28*	0.19	*0.03*	214	**7.7**	*0.55*	0.78	*0.06**
Poland, Kielce	59	**1.5**	*0.20*	0.17	*0.02*	340	**8.1**	*0.46*	0.81	*0.05*
Poland, Warsaw City	66	**1.2**	*0.15*	0.14	*0.02*	320	**5.2**	*0.31*	0.51	*0.03*
Portugal, Porto	194	**2.1**	*0.16*	0.21	*0.02*	1233	**12.4**	*0.37*	1.18	*0.04**
Portugal, South Regional	151	**1.7**	*0.14*	0.17	*0.02*	564	**6.0**	*0.27*	0.57	*0.03*
Russia, St Petersburg	152	**1.1**	*0.09*	0.13	*0.01*	714	**3.5**	*0.14*	0.37	*0.02*
Serbia	125	**0.8**	*0.08*	0.09	*0.01*	405	**2.5**	*0.13*	0.26	*0.01*
Slovak Republic	219	**1.4**	*0.10*	0.16	*0.01*	802	**4.5**	*0.16*	0.45	*0.02*
Slovenia	116	**1.8**	*0.17*	0.18	*0.02*	342	**4.9**	*0.28*	0.48	*0.03*
Spain, Albacete	10	**1.3**	*0.44*	0.09	*0.03*	42	**4.7**	*0.76*	0.44	*0.07*
Spain, Asturias	55	**1.5**	*0.21*	0.15	*0.02*	197	**4.7**	*0.37*	0.46	*0.04*
Spain, Basque Country	94	**1.6**	*0.18*	0.16	*0.02*	239	**4.1**	*0.28*	0.38	*0.03*
Spain, Canary Islands	81	**1.8**	*0.20*	0.20	*0.03*	294	**6.3**	*0.38*	0.60	*0.04*
Spain, Cuenca	9	**1.0**	*0.39*	0.14	*0.05*	20	**3.4**	*0.83*	0.31	*0.07*
Spain, Girona	40	**2.4**	*0.39*	0.22	*0.04*	112	**6.5**	*0.65*	0.61	*0.06*
Spain, Granada	27	**1.0**	*0.21*	0.10	*0.02*	185	**7.4**	*0.56*	0.72	*0.05*
Spain, Murcia	68	**2.2**	*0.28*	0.20	*0.03*	254	**7.4**	*0.48*	0.67	*0.05*
Spain, Navarra	51	**2.4**	*0.35*	0.25	*0.04*	185	**10.1**	*0.80*	0.94	*0.07*
Spain, Tarragona	23	**1.7**	*0.42*	0.14	*0.03*	72	**4.4**	*0.56*	0.41	*0.05*
Spain, Zaragoza	37	**1.4**	*0.24*	0.13	*0.02*	123	**4.0**	*0.39*	0.40	*0.04*
Sweden	407	**1.3**	*0.07*	0.13	*0.01*	1031	**3.3**	*0.11*	0.31	*0.01*
Switzerland, Geneva	27	**2.0**	*0.40*	0.23	*0.05*	98	**6.5**	*0.69*	0.64	*0.07*
Switzerland, Graubunden and Glarus	7	**1.0**	*0.39*	0.10	*0.04*	21	**2.4**	*0.57*	0.26	*0.07*
Switzerland, Neuchatel	15	**2.3**	*0.65*	0.17	*0.06*	26	**4.6**	*0.95*	0.45	*0.09*
Switzerland, St Gall-Appenzell	38	**2.0**	*0.34*	0.18	*0.04*	90	**4.8**	*0.55*	0.46	*0.06*
Switzerland, Ticino	25	**2.5**	*0.52*	0.23	*0.05*	55	**4.9**	*0.75*	0.48	*0.07*
Switzerland, Valais	17	**1.8**	*0.44*	0.22	*0.06*	66	**6.6**	*0.87*	0.65	*0.09*
Switzerland, Vaud	41	**2.0**	*0.34*	0.22	*0.04*	106	**4.9**	*0.51*	0.47	*0.05*
The Netherlands	524	**1.0**	*0.04*	0.10	*0.01*	1293	**2.4**	*0.07*	0.22	*0.01*
The Netherlands, Eindhoven	34	**0.9**	*0.16*	0.11	*0.02*	85	**2.6**	*0.30*	0.25	*0.03*
The Netherlands, Maastricht	24	**0.8**	*0.16*	0.07	*0.02*	76	**2.3**	*0.29*	0.22	*0.03*
UK, East of England Region	95	**0.9**	*0.10*	0.09	*0.01*	209	**2.3**	*0.17*	0.21	*0.02*
UK, England, Merseyside and Cheshire	78	**1.0**	*0.12*	0.09	*0.01*	213	**2.6**	*0.19*	0.25	*0.02*
UK, England, North Western	105	**0.8**	*0.08*	0.08	*0.01*	322	**2.3**	*0.14*	0.22	*0.01*
UK, England, Northern and Yorkshire	230	**1.0**	*0.07*	0.11	*0.01*	588	**2.6**	*0.12*	0.24	*0.01*
UK, England, Oxford Region	84	**0.9**	*0.10*	0.09	*0.01*	252	**3.0**	*0.20*	0.28	*0.02*
UK, England, South and Western Regions	232	**1.0**	*0.07*	0.10	*0.01*	640	**2.8**	*0.12*	0.26	*0.01*
UK, England, Thames	433	**0.9**	*0.05*	0.10	*0.01*	1133	**2.3**	*0.07*	0.22	*0.01*
UK, England, Trent	153	**0.9**	*0.08*	0.09	*0.01*	363	**2.2**	*0.12*	0.20	*0.01*
UK, England, West Midlands	189	**1.1**	*0.08*	0.11	*0.01*	475	**2.7**	*0.13*	0.24	*0.01*
UK, Northern Ireland	72	**1.4**	*0.17*	0.15	*0.02*	160	**3.0**	*0.25*	0.29	*0.02*
UK, Scotland	177	**1.1**	*0.08*	0.11	*0.01*	485	**2.7**	*0.13*	0.25	*0.01*
Oceania										
Australia, New South Wales	506	**2.5**	*0.11*	0.26	*0.01*	1639	**8.1**	*0.21*	0.77	*0.02*
Australia, Northern Territory	14	**2.7**	*0.76*	0.31	*0.12*	21	**3.9**	*0.94*	0.41	*0.14*
Australia, Queensland	304	**2.7**	*0.16*	0.27	*0.02*	857	**7.8**	*0.27*	0.74	*0.03*
Australia, South	112	**2.3**	*0.22*	0.24	*0.02*	310	**6.5**	*0.39*	0.59	*0.04*
Australia, Tasmania	35	**2.3**	*0.41*	0.25	*0.05*	107	**6.9**	*0.69*	0.65	*0.07*
Australia, Victoria	257	**1.7**	*0.11*	0.17	*0.01*	750	**5.0**	*0.19*	0.46	*0.02*
Australia, Western	130	**2.2**	*0.20*	0.22	*0.02*	334	**5.9**	*0.33*	0.53	*0.03*
Australian Capital Territory	20	**2.2**	*0.51*	0.23	*0.06*	52	**5.3**	*0.75*	0.45	*0.07*
French Polynesia	26	**5.4**	*1.13*	0.66	*0.17*	180	**37.4**	*2.87*	4.18	*0.37*
New Zealand	181	**1.6**	*0.12*	0.17	*0.01*	598	**5.1**	*0.22*	0.48	*0.02*
USA, Hawaii	132	**3.4**	*0.31*	0.33	*0.03*	430	**11.5**	*0.57*	1.11	*0.06*
USA, Hawaii: Chinese	5	**1.6**	*0.75*	0.17	*0.09*	38	**11.7**	*2.01*	1.20	*0.22*
USA, Hawaii: Filipino	37	**5.7**	*0.98*	0.56	*0.11*	138	**22.5**	*1.94*	2.18	*0.20*
USA, Hawaii: Hawaiian	23	**4.3**	*0.91*	0.45	*0.11*	61	**10.4**	*1.35*	1.02	*0.15*
USA, Hawaii: Japanese	18	**1.8**	*0.47*	0.17	*0.05*	60	**6.8**	*1.02*	0.68	*0.10*
USA, Hawaii: White	40	**3.8**	*0.62*	0.34	*0.06*	81	**8.5**	*0.99*	0.81	*0.10*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Adrenal gland (C74)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	2	**0.1**	*0.04*	-	-	1	**0.0**	*0.03*	-	- *
Egypt, Gharbiah	30	**0.6**	*0.11*	-	-	16	**0.2**	*0.06*	-	-
Tunisia, Centre, Sousse	2	**0.2**	*0.12*	-	-	0	**-**	-	-	- *
Uganda, Kyadondo County	0	**-**	-	-	-	0	**-**	-	-	- *
Zimbabwe, Harare: African	8	**0.2**	*0.09*	-	-	4	**0.3**	*0.17*	-	- *
America, Central and South										
Argentina, Bahia Blanca	3	**0.4**	*0.24*	0.05	*0.03*	1	**0.1**	*0.13*	0.02	*0.02*
Brazil, Brasilia	15	**0.5**	*0.14*	0.04	*0.02*	12	**0.4**	*0.11*	0.02	*0.01*
Brazil, Cuiaba	4	**0.4**	*0.23*	0.01	*0.01*	2	**0.2**	*0.16*	0.01	*0.01*
Brazil, Goiania	5	**0.3**	*0.15*	0.03	*0.02*	8	**0.4**	*0.15*	0.02	*0.01*
Brazil, Sao Paulo	118	**0.6**	*0.06*	0.04	*0.00*	149	**0.7**	*0.06*	0.04	*0.00*
Chile, Valdivia	0	**-**	-	-	-	1	**0.1**	*0.11*	0.01	*0.01*
Colombia, Cali	3	**0.1**	*0.05*	0.01	*0.01*	11	**0.3**	*0.08*	0.02	*0.01*
Costa Rica	17	**0.2**	*0.06*	0.02	*0.01*	13	**0.2**	*0.04*	0.02	*0.01*
Ecuador, Quito	2	**0.1**	*0.04*	0.00	*0.00*	3	**0.1**	*0.05*	0.01	*0.01*
France, La Martinique	0	**-**	-	-	-	2	**0.2**	*0.12*	0.02	*0.01*
Peru, Trujillo	1	**0.1**	*0.15*	0.02	*0.02*	4	**0.3**	*0.16*	0.03	*0.02* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	199	**0.4**	*0.03*	0.03	*0.00*	222	**0.4**	*0.03*	0.03	*0.00*
Canada, Alberta	19	**0.3**	*0.08*	0.02	*0.01*	26	**0.4**	*0.09*	0.03	*0.01*
Canada, British Columbia	19	**0.2**	*0.06*	0.02	*0.00*	30	**0.3**	*0.07*	0.02	*0.00*
Canada, Manitoba	3	**0.1**	*0.07*	0.01	*0.01*	9	**0.3**	*0.12*	0.02	*0.01*
Canada, New Brunswick	3	**0.3**	*0.17*	0.01	*0.01*	8	**0.5**	*0.20*	0.04	*0.01*
Canada, Newfoundland and Labrador	0	**-**	-	-	-	7	**0.7**	*0.31*	0.04	*0.02*
Canada, Northwest Territories	0	**-**	-	-	-	0	**-**	-	-	-
Canada, Nova Scotia	4	**0.2**	*0.12*	0.02	*0.01*	4	**0.2**	*0.13*	0.01	*0.01*
Canada, Ontario	144	**0.5**	*0.05*	0.04	*0.00*	132	**0.4**	*0.04*	0.03	*0.00*
Canada, Prince Edward Island	2	**0.8**	*0.64*	0.06	*0.05*	1	**0.2**	*0.23*	0.02	*0.02*
Canada, Saskatchewan	5	**0.1**	*0.07*	0.02	*0.01*	5	**0.2**	*0.12*	0.02	*0.01*
USA, Alabama	30	**0.4**	*0.07*	0.02	*0.00*	31	**0.3**	*0.06*	0.02	*0.00*
USA, Alabama: Black	5	**0.2**	*0.10*	0.01	*0.00*	7	**0.2**	*0.10*	0.02	*0.01*
USA, Alabama: White	25	**0.4**	*0.09*	0.03	*0.01*	24	**0.3**	*0.07*	0.02	*0.01*
USA, Alaska	4	**0.3**	*0.16*	0.01	*0.01*	7	**0.4**	*0.16*	0.04	*0.02*
USA, Arizona	53	**0.4**	*0.06*	0.03	*0.01*	47	**0.4**	*0.06*	0.03	*0.00*
USA, California	249	**0.3**	*0.02*	0.03	*0.00*	207	**0.3**	*0.02*	0.02	*0.00*
USA, California: Asian and Pacific Islander	17	**0.2**	*0.05*	0.01	*0.00*	14	**0.2**	*0.05*	0.01	*0.00*
USA, California: Black	12	**0.2**	*0.07*	0.02	*0.01*	10	**0.2**	*0.05*	0.01	*0.00*
USA, California: Hispanic White	62	**0.3**	*0.04*	0.02	*0.00*	53	**0.2**	*0.03*	0.02	*0.00*
USA, California: Non-Hispanic White	153	**0.4**	*0.04*	0.03	*0.00*	126	**0.3**	*0.03*	0.02	*0.00*
USA, California, Greater San Francisco Bay Area	53	**0.4**	*0.06*	0.03	*0.00*	36	**0.3**	*0.05*	0.02	*0.00*
USA, California, Greater San Francisco Bay Area: Black	2	**0.2**	*0.15*	0.03	*0.02*	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Chinese	1	**0.1**	*0.05*	0.00	*0.00*	2	**0.2**	*0.18*	0.02	*0.01*
USA, California, Greater San Francisco Bay Area: Filipino	1	**0.2**	*0.23*	0.01	*0.01*	1	**0.2**	*0.19*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Japanese	0	**-**	-	-	-	0	**-**	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	12	**0.5**	*0.14*	0.03	*0.01*	8	**0.3**	*0.11*	0.02	*0.01*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	33	**0.5**	*0.10*	0.04	*0.01*	23	**0.3**	*0.08*	0.02	*0.00*
USA, California, Los Angeles County	63	**0.3**	*0.04*	0.02	*0.00*	50	**0.2**	*0.03*	0.02	*0.00*
USA, California, Los Angeles County: Black	6	**0.3**	*0.12*	0.02	*0.01*	7	**0.3**	*0.11*	0.02	*0.01*
USA, California, Los Angeles County: Chinese	2	**0.2**	*0.16*	0.03	*0.02*	3	**0.4**	*0.28*	0.03	*0.02*
USA, California, Los Angeles County: Filipino	0	**-**	-	-	-	2	**0.2**	*0.18*	0.02	*0.01*
USA, California, Los Angeles County: Japanese	2	**1.0**	*0.87*	0.07	*0.05*	0	**-**	-	-	-
USA, California, Los Angeles County: Korean	1	**0.5**	*0.48*	0.02	*0.02*	0	**-**	-	-	-
USA, California, Los Angeles County: Hispanic White	20	**0.2**	*0.05*	0.01	*0.01*	19	**0.2**	*0.05*	0.02	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	32	**0.5**	*0.10*	0.03	*0.01*	19	**0.3**	*0.07*	0.02	*0.00*
USA, Colorado	32	**0.3**	*0.06*	0.02	*0.01*	29	**0.3**	*0.06*	0.02	*0.00*
USA, Connecticut	25	**0.4**	*0.08*	0.03	*0.01*	24	**0.3**	*0.06*	0.02	*0.00*
USA, Connecticut: Black	2	**0.3**	*0.18*	0.02	*0.02*	1	**0.1**	*0.08*	0.01	*0.01*
USA, Connecticut: White	23	**0.4**	*0.09*	0.03	*0.01*	23	**0.3**	*0.08*	0.02	*0.00*
USA, District of Columbia	5	**0.5**	*0.26*	0.03	*0.01*	4	**0.4**	*0.22*	0.03	*0.01*
USA, District of Columbia: Black	1	**0.2**	*0.20*	0.01	*0.01*	2	**0.3**	*0.22*	0.02	*0.02*
USA, District of Columbia: White	4	**1.3**	*0.79*	0.06	*0.03*	2	**0.7**	*0.60*	0.04	*0.03*
USA, Florida	148	**0.4**	*0.04*	0.03	*0.00*	143	**0.4**	*0.04*	0.03	*0.00*
USA, Florida: Black	15	**0.3**	*0.08*	0.02	*0.01*	13	**0.3**	*0.07*	0.02	*0.01*
USA, Florida: White	132	**0.4**	*0.05*	0.03	*0.00*	124	**0.4**	*0.05*	0.03	*0.00*
USA, Georgia	53	**0.3**	*0.05*	0.02	*0.00*	38	**0.2**	*0.04*	0.01	*0.00*
USA, Georgia: Black	9	**0.2**	*0.07*	0.02	*0.01*	5	**0.1**	*0.03*	0.00	*0.00*
USA, Georgia: White	42	**0.4**	*0.06*	0.02	*0.00*	33	**0.3**	*0.06*	0.02	*0.00*
USA, Georgia, Atlanta	28	**0.5**	*0.10*	0.03	*0.01*	14	**0.2**	*0.07*	0.01	*0.00*
USA, Georgia, Atlanta: Black	6	**0.3**	*0.14*	0.03	*0.02*	2	**0.1**	*0.04*	0.00	*0.00*
USA, Georgia, Atlanta: White	20	**0.6**	*0.14*	0.03	*0.01*	12	**0.4**	*0.12*	0.02	*0.01*
USA, Idaho	5	**0.2**	*0.09*	0.01	*0.00*	9	**0.2**	*0.07*	0.03	*0.01*
USA, Illinois	89	**0.3**	*0.04*	0.02	*0.00*	85	**0.3**	*0.03*	0.02	*0.00*
USA, Illinois: Black	11	**0.3**	*0.09*	0.03	*0.01*	12	**0.2**	*0.07*	0.02	*0.01*
USA, Illinois: White	76	**0.3**	*0.04*	0.02	*0.00*	67	**0.3**	*0.04*	0.02	*0.00*
USA, Indiana	49	**0.4**	*0.06*	0.03	*0.00*	53	**0.4**	*0.06*	0.03	*0.00*
USA, Iowa	25	**0.4**	*0.09*	0.02	*0.01*	22	**0.3**	*0.07*	0.02	*0.01*
USA, Kentucky	23	**0.2**	*0.05*	0.02	*0.00*	22	**0.2**	*0.05*	0.02	*0.00*
USA, Louisiana	16	**0.2**	*0.05*	0.01	*0.00*	46	**0.4**	*0.07*	0.04	*0.01*
USA, Louisiana: Black	3	**0.1**	*0.06*	0.01	*0.01*	13	**0.3**	*0.10*	0.04	*0.01*
USA, Louisiana: White	13	**0.2**	*0.07*	0.02	*0.00*	32	**0.5**	*0.10*	0.04	*0.01*
USA, Louisiana, New Orleans: Black	0	**-**	-	-	-	6	**0.5**	*0.22*	0.06	*0.03*
USA, Louisiana, New Orleans: White	2	**0.3**	*0.21*	0.01	*0.01*	6	**0.4**	*0.22*	0.03	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Adrenal gland (C74) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	9	**0.3**	*0.12*	0.02	*0.01*	7	**0.3**	*0.13*	0.02	*0.01*
USA, Massachusetts	55	**0.5**	*0.07*	0.03	*0.00*	58	**0.4**	*0.06*	0.03	*0.00*
USA, Michigan	86	**0.4**	*0.04*	0.03	*0.00*	76	**0.3**	*0.04*	0.02	*0.00*
USA, Michigan: Black	9	**0.3**	*0.10*	0.02	*0.01*	13	**0.4**	*0.11*	0.03	*0.01*
USA, Michigan: White	75	**0.4**	*0.05*	0.03	*0.00*	61	**0.3**	*0.04*	0.02	*0.00*
USA, Michigan, Detroit	36	**0.4**	*0.07*	0.03	*0.01*	42	**0.5**	*0.08*	0.04	*0.01*
USA, Michigan, Detroit: Black	5	**0.2**	*0.11*	0.02	*0.01*	15	**0.6**	*0.17*	0.06	*0.02*
USA, Michigan, Detroit: White	31	**0.4**	*0.09*	0.03	*0.01*	25	**0.4**	*0.09*	0.03	*0.01*
USA, Missouri	38	**0.3**	*0.06*	0.02	*0.00*	45	**0.4**	*0.06*	0.03	*0.00*
USA, Missouri: Black	8	**0.6**	*0.21*	0.04	*0.01*	4	**0.2**	*0.12*	0.02	*0.01*
USA, Missouri: White	29	**0.3**	*0.06*	0.02	*0.00*	41	**0.4**	*0.07*	0.03	*0.00*
USA, Montana	4	**0.2**	*0.10*	0.01	*0.01*	10	**0.6**	*0.22*	0.04	*0.01*
USA, NPCR	1680	**0.3**	*0.01*	0.02	*0.00*	1758	**0.3**	*0.01*	0.02	*0.00*
USA, NPCR: Black	163	**0.3**	*0.02*	0.02	*0.00*	154	**0.2**	*0.02*	0.02	*0.00*
USA, NPCR: White	1448	**0.4**	*0.01*	0.03	*0.00*	1519	**0.3**	*0.01*	0.03	*0.00*
USA, New Jersey	72	**0.4**	*0.05*	0.03	*0.00*	70	**0.4**	*0.05*	0.03	*0.00*
USA, New Jersey: Black	7	**0.2**	*0.09*	0.02	*0.01*	4	**0.1**	*0.06*	0.01	*0.01*
USA, New Jersey: White	65	**0.4**	*0.06*	0.03	*0.00*	63	**0.4**	*0.06*	0.03	*0.00*
USA, New Mexico	11	**0.3**	*0.09*	0.02	*0.01*	8	**0.2**	*0.07*	0.01	*0.00*
USA, New Mexico: American Indian	0	**-**	-	-	-	0	**-**	-	-	-
USA, New Mexico: Hispanic White	5	**0.3**	*0.15*	0.01	*0.01*	2	**0.1**	*0.09*	0.01	*0.00*
USA, New Mexico: Non-Hispanic White	6	**0.2**	*0.08*	0.03	*0.01*	6	**0.3**	*0.18*	0.02	*0.01*
USA, New York State	180	**0.5**	*0.04*	0.03	*0.00*	200	**0.4**	*0.03*	0.03	*0.00*
USA, New York State: Black	33	**0.6**	*0.10*	0.05	*0.01*	19	**0.3**	*0.06*	0.02	*0.01*
USA, New York State: White	142	**0.5**	*0.04*	0.03	*0.00*	172	**0.5**	*0.04*	0.03	*0.00*
USA, Ohio	66	**0.3**	*0.04*	0.02	*0.00*	82	**0.3**	*0.04*	0.02	*0.00*
USA, Ohio: Black	6	**0.2**	*0.09*	0.01	*0.00*	5	**0.2**	*0.08*	0.01	*0.00*
USA, Ohio: White	57	**0.3**	*0.04*	0.02	*0.00*	75	**0.3**	*0.04*	0.02	*0.00*
USA, Oklahoma	23	**0.3**	*0.07*	0.02	*0.01*	25	**0.3**	*0.07*	0.02	*0.00*
USA, Oregon	18	**0.2**	*0.06*	0.02	*0.00*	24	**0.2**	*0.05*	0.02	*0.01*
USA, Pennsylvania	83	**0.3**	*0.04*	0.02	*0.00*	101	**0.4**	*0.04*	0.03	*0.00*
USA, Pennsylvania: Black	9	**0.3**	*0.12*	0.02	*0.01*	13	**0.4**	*0.12*	0.03	*0.01*
USA, Pennsylvania: White	71	**0.3**	*0.04*	0.02	*0.00*	83	**0.3**	*0.04*	0.02	*0.00*
USA, Rhode Island	3	**0.2**	*0.12*	0.01	*0.01*	11	**0.4**	*0.15*	0.03	*0.01*
USA, SEER (9 Registries)	205	**0.4**	*0.03*	0.02	*0.00*	196	**0.3**	*0.03*	0.02	*0.00*
USA, SEER (9 Registries): Black	15	**0.2**	*0.06*	0.02	*0.01*	18	**0.2**	*0.06*	0.02	*0.01*
USA, SEER (9 Registries): White	173	**0.4**	*0.03*	0.03	*0.00*	161	**0.3**	*0.03*	0.02	*0.00*
USA, SEER (14 Registries)	532	**0.3**	*0.02*	0.02	*0.00*	515	**0.3**	*0.01*	0.02	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	31	**0.2**	*0.04*	0.02	*0.00*	28	**0.2**	*0.04*	0.01	*0.00*
USA, SEER (14 Registries): Black	35	**0.2**	*0.03*	0.02	*0.00*	46	**0.2**	*0.03*	0.02	*0.00*
USA, SEER (14 Registries): Hispanic White	76	**0.3**	*0.03*	0.02	*0.00*	72	**0.2**	*0.03*	0.02	*0.00*
USA, SEER (14 Registries): Non-Hispanic White	384	**0.4**	*0.02*	0.03	*0.00*	362	**0.3**	*0.02*	0.02	*0.00*
USA, South Carolina	29	**0.3**	*0.06*	0.03	*0.01*	29	**0.3**	*0.06*	0.03	*0.01*
USA, South Carolina: Black	6	**0.2**	*0.10*	0.01	*0.01*	5	**0.2**	*0.08*	0.01	*0.01*
USA, South Carolina: White	23	**0.4**	*0.08*	0.03	*0.01*	24	**0.3**	*0.08*	0.03	*0.01*
USA, Texas	157	**0.3**	*0.03*	0.03	*0.00*	178	**0.3**	*0.03*	0.03	*0.00*
USA, Texas: Black	13	**0.2**	*0.06*	0.02	*0.01*	12	**0.2**	*0.06*	0.02	*0.01*
USA, Texas: White	134	**0.3**	*0.03*	0.03	*0.00*	162	**0.4**	*0.03*	0.03	*0.00*
USA, Utah	16	**0.3**	*0.08*	0.03	*0.01*	12	**0.2**	*0.07*	0.01	*0.00*
USA, Vermont	4	**0.2**	*0.11*	0.02	*0.01*	4	**0.3**	*0.18*	0.02	*0.01*
USA, Washington State	33	**0.3**	*0.05*	0.02	*0.00*	50	**0.4**	*0.06*	0.03	*0.00*
USA, Washington, Seattle	21	**0.2**	*0.06*	0.01	*0.00*	35	**0.4**	*0.07*	0.03	*0.00*
USA, West Virginia	19	**0.4**	*0.10*	0.03	*0.01*	12	**0.2**	*0.07*	0.02	*0.01*
USA, Wisconsin	36	**0.3**	*0.05*	0.02	*0.00*	50	**0.3**	*0.05*	0.03	*0.00*
Asia										
Bahrain: Bahraini	4	**0.4**	*0.21*	0.02	*0.01*	0	**-**	-	-	-
China, Guangzhou City	27	**0.6**	*0.12*	0.05	*0.01*	12	**0.3**	*0.10*	0.02	*0.01**
China, Hong Kong										
China, Jiashan	4	**0.3**	*0.13*	0.02	*0.01*	2	**0.1**	*0.10*	0.03	*0.02**
China, Nangang District, Harbin City	1	**0.2**	*0.19*	0.01	*0.01*	0	**-**	-	-	-
China, Shanghai	71	**0.3**	*0.05*	0.04	*0.01*	48	**0.2**	*0.04*	0.02	*0.00**
China, Zhongshan	10	**0.3**	*0.11*	0.02	*0.01*	2	**0.0**	*0.03*	0.00	*0.00**
Cyprus	7	**0.6**	*0.22*	0.03	*0.01*	3	**0.2**	*0.12*	0.01	*0.01**
India, Chennai (Madras)	14	**0.2**	*0.05*	0.01	*0.00*	17	**0.2**	*0.05*	0.01	*0.00*
India, New Delhi	64	**0.2**	*0.03*	0.01	*0.00*	34	**0.1**	*0.02*	0.01	*0.00**
India, Karunagappally	1	**0.1**	*0.11*	0.01	*0.01*	2	**0.2**	*0.16*	0.01	*0.01*
India, Mumbai (Bombay)	41	**0.2**	*0.03*	0.01	*0.00*	28	**0.1**	*0.02*	0.01	*0.00*
India, Nagpur	8	**0.2**	*0.07*	0.02	*0.01*	1	**0.0**	*0.02*	0.00	*0.00**
India, Poona	1	**0.0**	*0.01*	0.00	*0.00*	2	**0.0**	*0.03*	0.01	*0.01**
India, Trivandrum	4	**0.2**	*0.09*	0.01	*0.01*	4	**0.1**	*0.08*	0.01	*0.01**
Israel	73	**0.5**	*0.06*	0.04	*0.01*	50	**0.3**	*0.05*	0.02	*0.00*
Israel: Jews	59	**0.5**	*0.06*	0.04	*0.01*	38	**0.3**	*0.05*	0.02	*0.00*
Israel: Non-Jews	12	**0.5**	*0.16*	0.04	*0.02*	9	**0.3**	*0.11*	0.02	*0.01*
Japan, Aichi Prefecture	12	**0.6**	*0.19*	0.04	*0.01*	6	**0.4**	*0.18*	0.02	*0.01*
Japan, Fukui Prefecture	9	**0.6**	*0.23*	0.04	*0.01*	7	**0.6**	*0.24*	0.03	*0.01*
Japan, Hiroshima	9	**0.5**	*0.19*	0.03	*0.01*	6	**0.4**	*0.19*	0.02	*0.01*
Japan, Miyagi Prefecture	25	**0.6**	*0.15*	0.04	*0.01*	15	**0.3**	*0.10*	0.02	*0.01*
Japan, Nagasaki Prefecture	13	**0.6**	*0.18*	0.03	*0.01*	9	**0.3**	*0.14*	0.02	*0.01*
Japan, Osaka Prefecture	70	**0.5**	*0.07*	0.03	*0.00*	50	**0.4**	*0.06*	0.02	*0.00*
Japan, Yamagata Prefecture	8	**0.2**	*0.10*	0.02	*0.01*	7	**0.1**	*0.09*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Adrenal gland (C74) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	267	**0.4**	*0.02*	0.03	*0.00*	233	**0.3**	*0.02*	0.02	*0.00*
Korea, Busan	24	**0.3**	*0.07*	0.03	*0.01*	9	**0.1**	*0.05*	0.01	*0.00*
Korea, Daegu	17	**0.3**	*0.09*	0.02	*0.01*	16	**0.3**	*0.09*	0.02	*0.00*
Korea, Daejeon	9	**0.4**	*0.13*	0.03	*0.01*	12	**0.4**	*0.14*	0.02	*0.01*
Korea, Gwangju	11	**0.4**	*0.14*	0.04	*0.02*	7	**0.3**	*0.10*	0.02	*0.01*
Korea, Incheon	16	**0.3**	*0.09*	0.02	*0.01*	16	**0.3**	*0.08*	0.02	*0.01*
Korea, Jejudo	1	**0.1**	*0.08*	0.01	*0.01*	3	**0.4**	*0.26*	0.03	*0.02*
Korea, Seoul	83	**0.5**	*0.05*	0.03	*0.00*	51	**0.3**	*0.04*	0.02	*0.00*
Korea, Ulsan	5	**0.3**	*0.12*	0.02	*0.01*	3	**0.2**	*0.13*	0.02	*0.01*
Kuwait: Kuwaitis	5	**0.2**	*0.09*	0.01	*0.01*	2	**0.1**	*0.05*	0.00	*0.00*
Kuwait: Non-Kuwaitis	3	**0.4**	*0.38*	0.02	*0.02*	7	**1.4**	*0.68*	0.06	*0.03*
Malaysia, Penang	2	**0.1**	*0.06*	0.01	*0.00*	12	**0.6**	*0.18*	0.03	*0.01*
Malaysia, Sarawak	5	**0.1**	*0.05*	0.01	*0.00*	3	**0.1**	*0.04*	0.01	*0.01*
Oman: Omani	3	**0.1**	*0.08*	0.02	*0.02*	9	**0.3**	*0.12*	0.03	*0.01**
Pakistan, South Karachi	5	**0.1**	*0.06*	0.01	*0.01*	2	**0.0**	*0.03*	0.00	*0.00**
Philippines, Manila	20	**0.2**	*0.06*	0.02	*0.01*	8	**0.1**	*0.03*	0.01	*0.00**
Singapore	20	**0.3**	*0.07*	0.02	*0.01*	19	**0.3**	*0.08*	0.02	*0.00*
Singapore: Chinese	15	**0.3**	*0.08*	0.02	*0.01*	15	**0.3**	*0.08*	0.02	*0.01*
Singapore: Indian	0	**-**	-	-	-	1	**0.2**	*0.25*	0.01	*0.01*
Singapore: Malay	5	**0.5**	*0.23*	0.02	*0.01*	3	**0.3**	*0.20*	0.03	*0.02*
Thailand, Chiang Mai	4	**0.1**	*0.05*	0.01	*0.00*	4	**0.1**	*0.06*	0.01	*0.00**
Thailand, Lampang	1	**0.1**	*0.07*	0.00	*0.00*	2	**0.1**	*0.06*	0.01	*0.00**
Thailand, Songkhla	5	**0.2**	*0.09*	0.01	*0.00*	9	**0.4**	*0.12*	0.02	*0.01*
Turkey, Antalya	8	**0.3**	*0.10*	0.02	*0.01*	8	**0.3**	*0.09*	0.03	*0.01**
Turkey, Izmir	19	**0.3**	*0.06*	0.03	*0.01*	14	**0.2**	*0.05*	0.02	*0.00**
Europe										
Austria	72	**0.5**	*0.06*	0.03	*0.00*	72	**0.4**	*0.05*	0.03	*0.00*
Austria, Tyrol	1	**0.0**	*0.04*	0.00	*0.00*	4	**0.3**	*0.15*	0.02	*0.01*
Austria, Vorarlberg	4	**0.7**	*0.36*	0.03	*0.02*	3	**0.6**	*0.35*	0.03	*0.02*
Belarus	127	**0.5**	*0.05*	0.05	*0.00*	116	**0.4**	*0.04*	0.03	*0.00**
Belgium, Antwerp	9	**0.3**	*0.10*	0.02	*0.01*	9	**0.2**	*0.07*	0.02	*0.01**
Belgium, Flanders	51	**0.5**	*0.08*	0.04	*0.01*	60	**0.5**	*0.08*	0.04	*0.01*
Bulgaria	50	**0.2**	*0.03*	0.02	*0.00*	48	**0.2**	*0.03*	0.02	*0.00**
Croatia	71	**0.6**	*0.08*	0.05	*0.01*	66	**0.5**	*0.08*	0.04	*0.01*
Czech Republic	95	**0.3**	*0.04*	0.03	*0.00*	99	**0.3**	*0.03*	0.03	*0.00*
Denmark	43	**0.4**	*0.06*	0.03	*0.00*	44	**0.3**	*0.06*	0.02	*0.00*
Estonia	13	**0.3**	*0.09*	0.04	*0.01*	19	**0.3**	*0.08*	0.04	*0.01*
Finland	39	**0.2**	*0.04*	0.02	*0.00*	68	**0.4**	*0.05*	0.04	*0.01*
France, Bas-Rhin	8	**0.4**	*0.16*	0.03	*0.01*	8	**0.3**	*0.11*	0.03	*0.01*
France, Calvados	7	**0.4**	*0.15*	0.04	*0.02*	6	**0.3**	*0.15*	0.03	*0.01*
France, Doubs	9	**0.8**	*0.28*	0.06	*0.02*	3	**0.3**	*0.17*	0.02	*0.01*
France, Haut-Rhin	10	**0.6**	*0.22*	0.04	*0.02*	3	**0.2**	*0.12*	0.01	*0.01*
France, Herault	10	**0.4**	*0.15*	0.04	*0.01*	8	**0.4**	*0.17*	0.03	*0.01*
France, Isere	8	**0.5**	*0.17*	0.02	*0.01*	12	**0.6**	*0.18*	0.04	*0.01*
France, Loire-Atlantique	8	**0.4**	*0.14*	0.02	*0.01*	6	**0.2**	*0.11*	0.02	*0.01*
France, Manche	3	**0.5**	*0.28*	0.02	*0.01*	3	**0.3**	*0.20*	0.02	*0.01*
France, Somme	10	**0.8**	*0.26*	0.06	*0.02*	7	**0.3**	*0.14*	0.04	*0.02*
France, Tarn	0	**-**	-	-	-	0	**-**	-	-	-
France, Vendee	1	**0.1**	*0.15*	0.01	*0.01*	6	**0.4**	*0.19*	0.04	*0.02*
Germany, Brandenburg	16	**0.3**	*0.10*	0.02	*0.01*	31	**0.7**	*0.17*	0.04	*0.01*
Germany, Free State of Saxony	31	**0.4**	*0.09*	0.02	*0.00*	32	**0.3**	*0.08*	0.02	*0.00*
Germany, Hamburg	11	**0.3**	*0.12*	0.03	*0.01*	13	**0.2**	*0.07*	0.02	*0.01*
Germany, Mecklenburg-Western Pomerania	4	**0.1**	*0.08*	0.01	*0.00*	15	**0.4**	*0.16*	0.03	*0.01*
Germany, Munich	14	**0.3**	*0.10*	0.02	*0.01*	22	**0.4**	*0.10*	0.03	*0.01*
Germany, Northrhine-Westphalia: Munster	22	**0.4**	*0.09*	0.03	*0.01*	27	**0.4**	*0.10*	0.03	*0.01*
Germany, Saarland	9	**0.7**	*0.27*	0.03	*0.01*	4	**0.2**	*0.11*	0.01	*0.01*
Iceland	6	**0.9**	*0.40*	0.07	*0.03*	3	**0.4**	*0.25*	0.04	*0.02*
Ireland	32	**0.4**	*0.07*	0.02	*0.00*	35	**0.4**	*0.07*	0.03	*0.01*
Italy, Biella Province	2	**0.2**	*0.16*	0.04	*0.03*	1	**0.0**	*0.04*	-	-
Italy, Brescia Province	14	**0.8**	*0.26*	0.06	*0.02*	6	**0.3**	*0.13*	0.03	*0.01*
Italy, Ferrara Province	3	**0.6**	*0.45*	0.04	*0.02*	2	**0.6**	*0.49*	0.03	*0.02*
Italy, Florence and Prato	12	**0.5**	*0.20*	0.04	*0.01*	8	**0.4**	*0.19*	0.02	*0.01*
Italy, Genoa Province	3	**0.1**	*0.08*	0.02	*0.01*	8	**0.5**	*0.29*	0.03	*0.02*
Italy, Macerata Province	1	**0.6**	*0.64*	0.03	*0.03*	0	**-**	-	-	-
Italy, Milan	11	**0.5**	*0.20*	0.03	*0.01*	13	**0.5**	*0.20*	0.03	*0.01*
Italy, Modena Province	4	**0.5**	*0.28*	0.03	*0.01*	3	**0.2**	*0.11*	0.02	*0.01*
Italy, Naples	11	**1.1**	*0.35*	0.06	*0.02*	5	**0.4**	*0.19*	0.03	*0.01*
Italy, North East Cancer Surveillance Network	18	**0.4**	*0.12*	0.03	*0.01*	19	**0.4**	*0.13*	0.03	*0.01*
Italy, Parma Province	2	**0.1**	*0.04*	-	-	2	**0.4**	*0.33*	0.02	*0.02*
Italy, Ragusa Province	0	**-**	-	-	-	5	**0.7**	*0.38*	0.04	*0.02*
Italy, Reggio Emilia Province	5	**0.2**	*0.09*	0.04	*0.02*	5	**0.3**	*0.18*	0.03	*0.01*
Italy, Romagna Region	17	**0.8**	*0.27*	0.06	*0.02*	10	**0.4**	*0.19*	0.03	*0.01*
Italy, Salerno Province	10	**0.3**	*0.11*	0.04	*0.01*	13	**0.8**	*0.26*	0.05	*0.01*
Italy, Sassari Province	3	**0.2**	*0.10*	0.02	*0.01*	5	**0.2**	*0.08*	0.02	*0.01*
Italy, Syracuse Province	1	**0.1**	*0.08*	0.01	*0.01*	3	**0.3**	*0.18*	0.03	*0.02*
Italy, Sondrio	0	**-**	-	-	-	4	**0.4**	*0.24*	0.04	*0.03*
Italy, Torino	10	**0.9**	*0.33*	0.05	*0.02*	17	**0.5**	*0.22*	0.05	*0.01*
Italy, Umbria Region	11	**0.4**	*0.17*	0.03	*0.01*	8	**0.3**	*0.17*	0.02	*0.01*
Italy, Varese Province	4	**0.5**	*0.32*	0.04	*0.02*	6	**0.8**	*0.39*	0.03	*0.02*
Italy, Veneto Region	16	**0.4**	*0.11*	0.03	*0.01*	18	**0.4**	*0.12*	0.03	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Adrenal gland (C74) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	35	**0.5**	*0.09*	0.06	*0.01*	44	**0.5**	*0.10*	0.04	*0.01*
Lithuania	46	**0.5**	*0.07*	0.05	*0.01*	44	**0.4**	*0.06*	0.03	*0.01*
Malta	1	**0.1**	*0.08*	0.01	*0.01*	5	**0.5**	*0.25*	0.04	*0.02*
Norway	27	**0.2**	*0.05*	0.02	*0.00*	40	**0.3**	*0.06*	0.03	*0.00*
Poland, Cracow	14	**0.6**	*0.15*	0.08	*0.02*	16	**0.5**	*0.12*	0.06	*0.02**
Poland, Kielce	22	**0.5**	*0.11*	0.06	*0.01*	18	**0.5**	*0.14*	0.04	*0.01*
Poland, Warsaw City	27	**0.6**	*0.16*	0.06	*0.01*	22	**0.4**	*0.13*	0.04	*0.01*
Portugal, Porto	16	**0.3**	*0.08*	0.02	*0.00*	18	**0.3**	*0.07*	0.02	*0.00**
Portugal, South Regional	25	**0.5**	*0.11*	0.03	*0.01*	9	**0.1**	*0.05*	0.01	*0.00*
Russia, St Petersburg	51	**0.4**	*0.06*	0.05	*0.01*	50	**0.4**	*0.08*	0.03	*0.00*
Serbia	44	**0.4**	*0.06*	0.03	*0.00*	37	**0.3**	*0.05*	0.02	*0.00*
Slovak Republic	36	**0.3**	*0.05*	0.03	*0.01*	24	**0.1**	*0.03*	0.01	*0.00*
Slovenia	15	**0.3**	*0.08*	0.03	*0.01*	8	**0.2**	*0.07*	0.01	*0.01*
Spain, Albacete	1	**0.0**	*0.04*	-	-	3	**0.6**	*0.38*	0.04	*0.02*
Spain, Asturias	13	**0.7**	*0.28*	0.05	*0.01*	13	**0.5**	*0.24*	0.04	*0.01*
Spain, Basque Country	17	**0.4**	*0.12*	0.03	*0.01*	18	**0.5**	*0.16*	0.03	*0.01*
Spain, Canary Islands	15	**0.5**	*0.15*	0.04	*0.01*	10	**0.5**	*0.16*	0.03	*0.01*
Spain, Cuenca	2	**0.3**	*0.23*	0.03	*0.02*	1	**0.1**	*0.13*	0.02	*0.02*
Spain, Girona	5	**0.5**	*0.26*	0.03	*0.02*	1	**0.0**	*0.01*	-	-
Spain, Granada	9	**0.5**	*0.19*	0.04	*0.01*	5	**0.3**	*0.19*	0.02	*0.01*
Spain, Murcia	16	**0.7**	*0.20*	0.05	*0.01*	7	**0.2**	*0.10*	0.02	*0.01*
Spain, Navarra	5	**0.3**	*0.20*	0.02	*0.01*	7	**0.8**	*0.37*	0.04	*0.02*
Spain, Tarragona	4	**0.2**	*0.11*	0.02	*0.01*	7	**0.5**	*0.26*	0.04	*0.02*
Spain, Zaragoza	4	**0.1**	*0.06*	0.01	*0.01*	6	**0.5**	*0.27*	0.03	*0.01*
Sweden	55	**0.2**	*0.04*	0.02	*0.00*	60	**0.3**	*0.04*	0.02	*0.00*
Switzerland, Geneva	0	**-**	-	-	-	4	**0.3**	*0.23*	0.03	*0.02*
Switzerland, Graubunden and Glarus	2	**0.3**	*0.18*	0.04	*0.03*	0	**-**	-	-	-
Switzerland, Neuchatel	0	**-**	-	-	-	4	**1.1**	*0.62*	0.08	*0.04*
Switzerland, St Gall-Appenzell	3	**0.2**	*0.10*	0.02	*0.01*	2	**0.1**	*0.08*	0.01	*0.01*
Switzerland, Ticino	3	**0.5**	*0.35*	0.04	*0.02*	2	**0.3**	*0.27*	0.03	*0.02*
Switzerland, Valais	2	**0.2**	*0.16*	0.03	*0.02*	0	**-**	-	-	-
Switzerland, Vaud	8	**0.7**	*0.28*	0.04	*0.01*	4	**0.5**	*0.24*	0.02	*0.01*
The Netherlands	98	**0.3**	*0.03*	0.02	*0.00*	112	**0.3**	*0.03*	0.02	*0.00*
The Netherlands, Eindhoven	9	**0.4**	*0.14*	0.03	*0.01*	2	**0.1**	*0.08*	0.01	*0.00*
The Netherlands, Maastricht	1	**0.0**	*0.03*	0.00	*0.00*	2	**0.1**	*0.11*	0.01	*0.01*
UK, East of England Region	14	**0.2**	*0.06*	0.01	*0.00*	12	**0.2**	*0.07*	0.01	*0.00*
UK, England, Merseyside and Cheshire	15	**0.3**	*0.09*	0.02	*0.01*	29	**0.4**	*0.10*	0.03	*0.01*
UK, England, North Western	27	**0.3**	*0.07*	0.02	*0.00*	31	**0.3**	*0.06*	0.02	*0.00*
UK, England, Northern and Yorkshire	52	**0.4**	*0.06*	0.02	*0.00*	61	**0.4**	*0.06*	0.03	*0.00*
UK, England, Oxford Region	22	**0.3**	*0.08*	0.02	*0.01*	23	**0.3**	*0.07*	0.03	*0.01*
UK, England, South and Western Regions	80	**0.5**	*0.06*	0.03	*0.00*	67	**0.4**	*0.06*	0.03	*0.00*
UK, England, Thames	117	**0.4**	*0.04*	0.03	*0.00*	125	**0.4**	*0.04*	0.03	*0.00*
UK, England, Trent	32	**0.3**	*0.06*	0.02	*0.00*	41	**0.3**	*0.06*	0.02	*0.00*
UK, England, West Midlands	44	**0.3**	*0.06*	0.03	*0.00*	33	**0.3**	*0.05*	0.02	*0.00*
UK, Northern Ireland	16	**0.4**	*0.10*	0.03	*0.01*	14	**0.4**	*0.12*	0.03	*0.01*
UK, Scotland	42	**0.4**	*0.07*	0.03	*0.00*	43	**0.4**	*0.07*	0.03	*0.00*
Oceania										
Australia, New South Wales	67	**0.4**	*0.06*	0.03	*0.00*	56	**0.3**	*0.05*	0.02	*0.00*
Australia, Northern Territory	1	**0.3**	*0.29*	0.04	*0.04*	0	**-**	-	-	-
Australia, Queensland	25	**0.3**	*0.07*	0.02	*0.01*	29	**0.4**	*0.08*	0.02	*0.01*
Australia, South	7	**0.2**	*0.07*	0.02	*0.01*	11	**0.3**	*0.11*	0.02	*0.01*
Australia, Tasmania	1	**0.0**	*0.03*	-	-	4	**0.5**	*0.28*	0.03	*0.01*
Australia, Victoria	31	**0.3**	*0.05*	0.02	*0.00*	36	**0.3**	*0.05*	0.02	*0.00*
Australia, Western	20	**0.5**	*0.12*	0.03	*0.01*	14	**0.4**	*0.12*	0.02	*0.01*
Australian Capital Territory	3	**0.5**	*0.31*	0.05	*0.03*	2	**0.4**	*0.26*	0.02	*0.01*
French Polynesia	5	**0.9**	*0.43*	0.13	*0.08*	1	**0.2**	*0.21*	0.01	*0.01*
New Zealand	34	**0.4**	*0.07*	0.03	*0.01*	31	**0.4**	*0.08*	0.03	*0.01*
USA, Hawaii	9	**0.4**	*0.13*	0.02	*0.01*	12	**0.5**	*0.16*	0.03	*0.01*
USA, Hawaii: Chinese	4	**2.6**	*1.34*	0.15	*0.08*	0	**-**	-	-	-
USA, Hawaii: Filipino	0	**-**	-	-	-	2	**0.4**	*0.32*	0.03	*0.03*
USA, Hawaii: Hawaiian	1	**0.2**	*0.19*	0.01	*0.01*	3	**0.6**	*0.33*	0.06	*0.04*
USA, Hawaii: Japanese	2	**0.7**	*0.63*	0.04	*0.03*	2	**0.1**	*0.11*	0.01	*0.01*
USA, Hawaii: White	2	**0.2**	*0.14*	0.03	*0.02*	5	**1.3**	*0.65*	0.06	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other endocrine (C75)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	0	-	-	-	-	0	-	-	-	- *
Egypt, Gharbiah	3	**0.0**	*0.03*	-	-	0	-	-	-	-
Tunisia, Centre, Sousse	1	**0.1**	*0.10*	-	-	0	-	-	-	- *
Uganda, Kyadondo County	0	-	-	-	-	1	**0.0**	*0.02*	-	- *
Zimbabwe, Harare: African	3	**0.3**	*0.18*	-	-	8	**0.3**	*0.14*	-	- *
America, Central and South										
Argentina, Bahia Blanca	3	**0.4**	*0.21*	0.07	*0.04*	1	**0.1**	*0.13*	0.02	*0.02*
Brazil, Brasilia	16	**0.5**	*0.14*	0.04	*0.01*	17	**0.6**	*0.16*	0.08	*0.02*
Brazil, Cuiaba	2	**0.2**	*0.14*	0.01	*0.01*	2	**0.3**	*0.25*	0.03	*0.03*
Brazil, Goiania	4	**0.2**	*0.13*	0.02	*0.02*	4	**0.2**	*0.09*	0.01	*0.01*
Brazil, Sao Paulo	75	**0.3**	*0.04*	0.04	*0.01*	76	**0.3**	*0.03*	0.03	*0.00*
Chile, Valdivia	5	**0.6**	*0.27*	0.07	*0.04*	1	**0.1**	*0.12*	0.01	*0.01*
Colombia, Cali	2	**0.0**	*0.03*	0.00	*0.00*	0	-	-	-	-
Costa Rica	5	**0.1**	*0.03*	0.01	*0.00*	3	**0.0**	*0.02*	0.00	*0.00*
Ecuador, Quito	0	-	-	-	-	2	**0.0**	*0.03*	0.00	*0.00*
France, La Martinique	2	**0.1**	*0.11*	0.02	*0.02*	2	**0.2**	*0.13*	0.02	*0.01*
Peru, Trujillo	1	**0.1**	*0.05*	0.00	*0.00*	0	-	-	-	- *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	86	**0.1**	*0.02*	0.01	*0.00*	104	**0.1**	*0.02*	0.01	*0.00*
Canada, Alberta	5	**0.1**	*0.03*	0.01	*0.00*	6	**0.1**	*0.03*	0.01	*0.00*
Canada, British Columbia	11	**0.1**	*0.04*	0.01	*0.00*	7	**0.1**	*0.03*	0.00	*0.00*
Canada, Manitoba	2	**0.1**	*0.06*	0.00	*0.00*	0	-	-	-	-
Canada, New Brunswick	3	**0.1**	*0.09*	0.01	*0.01*	1	**0.0**	*0.01*	-	-
Canada, Newfoundland and Labrador	2	**0.1**	*0.08*	0.01	*0.01*	0	-	-	-	-
Canada, Northwest Territories	0	-	-	-	-	0	-	-	-	-
Canada, Nova Scotia	3	**0.2**	*0.09*	0.01	*0.01*	4	**0.1**	*0.08*	0.01	*0.01*
Canada, Ontario	57	**0.2**	*0.02*	0.01	*0.00*	84	**0.2**	*0.03*	0.02	*0.00*
Canada, Prince Edward Island	0	-	-	-	-	0	-	-	-	-
Canada, Saskatchewan	3	**0.1**	*0.06*	0.01	*0.01*	2	**0.1**	*0.07*	0.01	*0.00*
USA, Alabama	19	**0.2**	*0.04*	0.01	*0.00*	17	**0.1**	*0.03*	0.01	*0.00*
USA, Alabama: Black	5	**0.2**	*0.08*	0.01	*0.00*	7	**0.2**	*0.08*	0.02	*0.01*
USA, Alabama: White	14	**0.2**	*0.05*	0.01	*0.00*	9	**0.1**	*0.04*	0.01	*0.00*
USA, Alaska	3	**0.2**	*0.10*	0.01	*0.01*	0	-	-	-	-
USA, Arizona	23	**0.2**	*0.04*	0.02	*0.00*	12	**0.1**	*0.02*	0.00	*0.00*
USA, California	147	**0.2**	*0.02*	0.01	*0.00*	81	**0.1**	*0.01*	0.01	*0.00*
USA, California: Asian and Pacific Islander	20	**0.2**	*0.05*	0.01	*0.00*	12	**0.1**	*0.03*	0.01	*0.00*
USA, California: Black	6	**0.1**	*0.05*	0.01	*0.00*	7	**0.1**	*0.04*	0.01	*0.00*
USA, California: Hispanic White	36	**0.1**	*0.03*	0.01	*0.00*	22	**0.1**	*0.02*	0.01	*0.00*
USA, California: Non-Hispanic White	81	**0.2**	*0.03*	0.02	*0.00*	39	**0.1**	*0.02*	0.01	*0.00*
USA, California, Greater San Francisco Bay Area	37	**0.2**	*0.04*	0.02	*0.00*	16	**0.1**	*0.02*	0.01	*0.00*
USA, California, Greater San Francisco Bay Area: Black	2	**0.2**	*0.14*	0.02	*0.01*	1	**0.1**	*0.05*	0.00	*0.00*
USA, California, Greater San Francisco Bay Area: Chinese	4	**0.3**	*0.18*	0.02	*0.01*	1	**0.1**	*0.13*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Filipino	1	**0.2**	*0.15*	0.01	*0.01*	1	**0.1**	*0.11*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Japanese	1	**0.9**	*0.91*	0.05	*0.05*	0	-	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	5	**0.2**	*0.07*	0.01	*0.01*	4	**0.1**	*0.07*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	21	**0.3**	*0.07*	0.02	*0.00*	8	**0.1**	*0.03*	0.01	*0.00*
USA, California, Los Angeles County	36	**0.2**	*0.03*	0.02	*0.00*	24	**0.1**	*0.02*	0.01	*0.00*
USA, California, Los Angeles County: Black	3	**0.2**	*0.09*	0.01	*0.01*	5	**0.2**	*0.08*	0.01	*0.00*
USA, California, Los Angeles County: Chinese	0	-	-	-	-	1	**0.1**	*0.05*	-	-
USA, California, Los Angeles County: Filipino	2	**0.3**	*0.23*	0.02	*0.01*	1	**0.1**	*0.10*	0.01	*0.01*
USA, California, Los Angeles County: Japanese	0	-	-	-	-	1	**0.3**	*0.25*	0.02	*0.02*
USA, California, Los Angeles County: Korean	1	**0.3**	*0.26*	0.01	*0.01*	1	**0.1**	*0.07*	-	-
USA, California, Los Angeles County: Hispanic White	13	**0.2**	*0.05*	0.02	*0.01*	6	**0.1**	*0.03*	0.00	*0.00*
USA, California, Los Angeles County: Non-Hispanic White	15	**0.2**	*0.06*	0.02	*0.00*	6	**0.1**	*0.04*	0.01	*0.00*
USA, Colorado	19	**0.2**	*0.04*	0.02	*0.00*	12	**0.1**	*0.03*	0.01	*0.00*
USA, Connecticut	12	**0.1**	*0.04*	0.01	*0.00*	10	**0.1**	*0.04*	0.01	*0.00*
USA, Connecticut: Black	2	**0.3**	*0.18*	0.05	*0.04*	0	-	-	-	-
USA, Connecticut: White	10	**0.1**	*0.05*	0.01	*0.00*	9	**0.1**	*0.05*	0.01	*0.00*
USA, District of Columbia	5	**0.4**	*0.17*	0.03	*0.01*	1	**0.1**	*0.05*	0.01	*0.01*
USA, District of Columbia: Black	1	**0.1**	*0.10*	0.01	*0.01*	1	**0.1**	*0.08*	0.01	*0.01*
USA, District of Columbia: White	2	**0.3**	*0.20*	0.03	*0.02*	0	-	-	-	-
USA, Florida	69	**0.2**	*0.02*	0.01	*0.00*	47	**0.1**	*0.02*	0.01	*0.00*
USA, Florida: Black	13	**0.2**	*0.06*	0.02	*0.01*	11	**0.2**	*0.05*	0.02	*0.01*
USA, Florida: White	56	**0.2**	*0.03*	0.01	*0.00*	36	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia	20	**0.1**	*0.02*	0.01	*0.00*	14	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia: Black	6	**0.1**	*0.05*	0.01	*0.00*	4	**0.1**	*0.03*	0.01	*0.00*
USA, Georgia: White	13	**0.1**	*0.03*	0.01	*0.00*	8	**0.0**	*0.02*	0.00	*0.00*
USA, Georgia, Atlanta	6	**0.1**	*0.04*	0.01	*0.00*	5	**0.1**	*0.03*	0.00	*0.00*
USA, Georgia, Atlanta: Black	3	**0.1**	*0.06*	0.01	*0.00*	2	**0.1**	*0.06*	0.01	*0.01*
USA, Georgia, Atlanta: White	3	**0.1**	*0.05*	0.01	*0.00*	2	**0.0**	*0.03*	0.00	*0.00*
USA, Idaho	4	**0.1**	*0.06*	0.01	*0.01*	3	**0.1**	*0.05*	0.01	*0.00*
USA, Illinois	39	**0.1**	*0.02*	0.01	*0.00*	35	**0.1**	*0.02*	0.01	*0.00*
USA, Illinois: Black	5	**0.1**	*0.04*	0.00	*0.00*	7	**0.1**	*0.05*	0.01	*0.00*
USA, Illinois: White	29	**0.1**	*0.02*	0.01	*0.00*	25	**0.1**	*0.02*	0.01	*0.00*
USA, Indiana	23	**0.2**	*0.04*	0.01	*0.00*	18	**0.1**	*0.03*	0.01	*0.00*
USA, Iowa	9	**0.2**	*0.05*	0.01	*0.00*	7	**0.1**	*0.03*	0.01	*0.00*
USA, Kentucky	13	**0.1**	*0.03*	0.01	*0.00*	10	**0.1**	*0.03*	0.01	*0.00*
USA, Louisiana	27	**0.2**	*0.05*	0.02	*0.00*	12	**0.1**	*0.03*	0.01	*0.00*
USA, Louisiana: Black	8	**0.2**	*0.08*	0.02	*0.01*	6	**0.2**	*0.07*	0.01	*0.01*
USA, Louisiana: White	18	**0.2**	*0.06*	0.02	*0.01*	6	**0.1**	*0.04*	0.01	*0.00*
USA, Louisiana, New Orleans: Black	3	**0.3**	*0.18*	0.02	*0.01*	2	**0.2**	*0.11*	0.02	*0.01*
USA, Louisiana, New Orleans: White	1	**0.1**	*0.11*	0.01	*0.01*	2	**0.1**	*0.07*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other endocrine (C75) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	10	**0.3**	*0.10*	0.02	*0.01*	4	**0.1**	*0.07*	0.01	*0.00*
USA, Massachusetts	21	**0.2**	*0.03*	0.01	*0.00*	16	**0.1**	*0.03*	0.01	*0.00*
USA, Michigan	34	**0.1**	*0.02*	0.01	*0.00*	27	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan: Black	8	**0.2**	*0.08*	0.02	*0.01*	6	**0.1**	*0.05*	0.01	*0.01*
USA, Michigan: White	24	**0.1**	*0.02*	0.01	*0.00*	19	**0.1**	*0.02*	0.01	*0.00*
USA, Michigan, Detroit	22	**0.2**	*0.05*	0.02	*0.00*	10	**0.1**	*0.03*	0.01	*0.00*
USA, Michigan, Detroit: Black	7	**0.3**	*0.11*	0.02	*0.01*	3	**0.1**	*0.04*	0.01	*0.00*
USA, Michigan, Detroit: White	15	**0.2**	*0.05*	0.02	*0.01*	6	**0.1**	*0.04*	0.01	*0.00*
USA, Missouri	26	**0.2**	*0.04*	0.01	*0.00*	13	**0.1**	*0.02*	0.01	*0.00*
USA, Missouri: Black	1	**0.1**	*0.07*	0.02	*0.02*	1	**0.0**	*0.05*	0.00	*0.00*
USA, Missouri: White	24	**0.2**	*0.04*	0.01	*0.00*	12	**0.1**	*0.03*	0.01	*0.00*
USA, Montana	2	**0.1**	*0.05*	0.01	*0.01*	5	**0.2**	*0.09*	0.02	*0.01*
USA, NPCR	895	**0.2**	*0.01*	0.01	*0.00*	613	**0.1**	*0.00*	0.01	*0.00*
USA, NPCR: Black	103	**0.2**	*0.02*	0.01	*0.00*	96	**0.1**	*0.01*	0.01	*0.00*
USA, NPCR: White	725	**0.2**	*0.01*	0.01	*0.00*	481	**0.1**	*0.00*	0.01	*0.00*
USA, New Jersey	39	**0.2**	*0.03*	0.02	*0.00*	32	**0.1**	*0.02*	0.01	*0.00*
USA, New Jersey: Black	5	**0.2**	*0.08*	0.02	*0.01*	4	**0.1**	*0.06*	0.01	*0.00*
USA, New Jersey: White	34	**0.2**	*0.04*	0.02	*0.00*	26	**0.1**	*0.03*	0.01	*0.00*
USA, New Mexico	5	**0.1**	*0.05*	0.01	*0.00*	10	**0.2**	*0.06*	0.02	*0.01*
USA, New Mexico: American Indian	0	**-**	-	-	-	1	**0.2**	*0.18*	0.02	*0.02*
USA, New Mexico: Hispanic White	2	**0.1**	*0.07*	0.01	*0.01*	3	**0.2**	*0.09*	0.01	*0.01*
USA, New Mexico: Non-Hispanic White	3	**0.2**	*0.12*	0.01	*0.01*	6	**0.2**	*0.11*	0.03	*0.01*
USA, New York State	95	**0.2**	*0.02*	0.02	*0.00*	63	**0.1**	*0.02*	0.01	*0.00*
USA, New York State: Black	17	**0.3**	*0.06*	0.02	*0.01*	10	**0.1**	*0.04*	0.01	*0.00*
USA, New York State: White	74	**0.2**	*0.02*	0.02	*0.00*	52	**0.1**	*0.02*	0.01	*0.00*
USA, Ohio	30	**0.1**	*0.02*	0.01	*0.00*	24	**0.1**	*0.02*	0.01	*0.00*
USA, Ohio: Black	2	**0.1**	*0.04*	0.00	*0.00*	4	**0.1**	*0.06*	0.01	*0.01*
USA, Ohio: White	25	**0.1**	*0.02*	0.01	*0.00*	20	**0.1**	*0.02*	0.01	*0.00*
USA, Oklahoma	9	**0.1**	*0.03*	0.01	*0.00*	9	**0.1**	*0.02*	0.01	*0.00*
USA, Oregon	13	**0.2**	*0.05*	0.01	*0.00*	4	**0.1**	*0.03*	0.00	*0.00*
USA, Pennsylvania	51	**0.2**	*0.03*	0.01	*0.00*	31	**0.1**	*0.02*	0.01	*0.00*
USA, Pennsylvania: Black	4	**0.1**	*0.07*	0.01	*0.00*	4	**0.1**	*0.06*	0.01	*0.01*
USA, Pennsylvania: White	46	**0.2**	*0.03*	0.01	*0.00*	26	**0.1**	*0.02*	0.01	*0.00*
USA, Rhode Island	6	**0.3**	*0.13*	0.02	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
USA, SEER (9 Registries)	113	**0.2**	*0.02*	0.01	*0.00*	71	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (9 Registries): Black	15	**0.2**	*0.05*	0.02	*0.01*	6	**0.1**	*0.03*	0.00	*0.00*
USA, SEER (9 Registries): White	83	**0.2**	*0.02*	0.01	*0.00*	53	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (14 Registries)	317	**0.2**	*0.01*	0.01	*0.00*	193	**0.1**	*0.01*	0.01	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	30	**0.2**	*0.04*	0.01	*0.00*	19	**0.1**	*0.03*	0.01	*0.00*
USA, SEER (14 Registries): Black	34	**0.2**	*0.03*	0.02	*0.00*	22	**0.1**	*0.02*	0.01	*0.00*
USA, SEER (14 Registries): Hispanic White	52	**0.2**	*0.02*	0.01	*0.00*	35	**0.1**	*0.02*	0.01	*0.00*
USA, SEER (14 Registries): Non-Hispanic White	196	**0.2**	*0.01*	0.01	*0.00*	112	**0.1**	*0.01*	0.01	*0.00*
USA, South Carolina	10	**0.1**	*0.03*	0.01	*0.00*	8	**0.1**	*0.03*	0.01	*0.00*
USA, South Carolina: Black	3	**0.1**	*0.08*	0.02	*0.01*	4	**0.1**	*0.06*	0.01	*0.00*
USA, South Carolina: White	7	**0.1**	*0.05*	0.01	*0.00*	4	**0.0**	*0.02*	0.01	*0.00*
USA, Texas	85	**0.2**	*0.02*	0.01	*0.00*	90	**0.2**	*0.02*	0.01	*0.00*
USA, Texas: Black	6	**0.1**	*0.05*	0.01	*0.01*	11	**0.2**	*0.06*	0.01	*0.00*
USA, Texas: White	77	**0.2**	*0.02*	0.01	*0.00*	74	**0.2**	*0.02*	0.01	*0.00*
USA, Utah	12	**0.2**	*0.07*	0.02	*0.01*	6	**0.1**	*0.04*	0.01	*0.00*
USA, Vermont	3	**0.2**	*0.10*	0.01	*0.01*	1	**0.0**	*0.01*	-	-
USA, Washington State	18	**0.1**	*0.03*	0.01	*0.00*	8	**0.1**	*0.02*	0.00	*0.00*
USA, Washington, Seattle	15	**0.2**	*0.04*	0.01	*0.00*	6	**0.0**	*0.02*	0.00	*0.00*
USA, West Virginia	8	**0.2**	*0.07*	0.01	*0.01*	2	**0.1**	*0.04*	0.00	*0.00*
USA, Wisconsin	19	**0.1**	*0.03*	0.01	*0.00*	17	**0.1**	*0.03*	0.01	*0.00*
Asia										
Bahrain: Bahraini	0	**-**	-	-	-	2	**0.2**	*0.13*	0.01	*0.01*
China, Guangzhou City	2	**0.0**	*0.02*	0.00	*0.00*	2	**0.0**	*0.03*	0.00	*0.00**
China, Hong Kong										
China, Jiashan	5	**0.5**	*0.26*	0.04	*0.02*	4	**0.4**	*0.20*	0.03	*0.02**
China, Nangang District, Harbin City	4	**0.2**	*0.13*	0.02	*0.01*	0	**-**	-	-	-
China, Shanghai	239	**1.2**	*0.08*	0.12	*0.01*	304	**1.4**	*0.09*	0.14	*0.01**
China, Zhongshan	2	**0.0**	*0.03*	0.01	*0.01*	0	**-**	-	-	- *
Cyprus	1	**0.1**	*0.07*	0.00	*0.00*	2	**0.2**	*0.12*	0.01	*0.01**
India, Chennai (Madras)	13	**0.1**	*0.03*	0.01	*0.00*	7	**0.1**	*0.02*	0.01	*0.00*
India, New Delhi	13	**0.1**	*0.02*	0.00	*0.00*	13	**0.1**	*0.02*	0.01	*0.00**
India, Karunagappally	0	**-**	-	-	-	0	**-**	-	-	-
India, Mumbai (Bombay)	19	**0.1**	*0.02*	0.01	*0.00*	21	**0.1**	*0.02*	0.01	*0.00*
India, Nagpur	4	**0.1**	*0.05*	0.01	*0.00*	1	**0.0**	*0.01*	0.00	*0.00**
India, Poona	11	**0.2**	*0.05*	0.01	*0.01*	13	**0.2**	*0.05*	0.01	*0.00**
India, Trivandrum	1	**0.0**	*0.03*	0.00	*0.00*	0	**-**	-	-	- *
Israel	21	**0.1**	*0.03*	0.01	*0.00*	14	**0.1**	*0.02*	0.01	*0.00*
Israel: Jews	19	**0.2**	*0.04*	0.01	*0.00*	11	**0.1**	*0.02*	0.01	*0.00*
Israel: Non-Jews	2	**0.1**	*0.04*	0.00	*0.00*	1	**0.1**	*0.06*	0.00	*0.00*
Japan, Aichi Prefecture	5	**0.2**	*0.09*	0.01	*0.01*	3	**0.1**	*0.07*	0.01	*0.01*
Japan, Fukui Prefecture	7	**0.2**	*0.10*	0.03	*0.01*	10	**0.4**	*0.15*	0.04	*0.01*
Japan, Hiroshima	10	**0.4**	*0.14*	0.03	*0.01*	5	**0.2**	*0.08*	0.01	*0.01*
Japan, Miyagi Prefecture	13	**0.3**	*0.08*	0.02	*0.00*	3	**0.1**	*0.04*	0.00	*0.00*
Japan, Nagasaki Prefecture	8	**0.3**	*0.10*	0.02	*0.01*	8	**0.2**	*0.08*	0.01	*0.01*
Japan, Osaka Prefecture	44	**0.2**	*0.04*	0.02	*0.00*	16	**0.1**	*0.03*	0.01	*0.00*
Japan, Yamagata Prefecture	4	**0.1**	*0.08*	0.01	*0.01*	4	**0.1**	*0.06*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other endocrine (C75) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	201	**0.2**	*0.02*	0.02	*0.00*	94	**0.1**	*0.01*	0.01	*0.00*
Korea, Busan	17	**0.2**	*0.05*	0.01	*0.00*	12	**0.1**	*0.04*	0.01	*0.00*
Korea, Daegu	9	**0.2**	*0.05*	0.01	*0.00*	3	**0.0**	*0.03*	0.01	*0.00*
Korea, Daejeon	7	**0.2**	*0.08*	0.01	*0.01*	3	**0.1**	*0.05*	0.01	*0.00*
Korea, Gwangju	7	**0.2**	*0.08*	0.01	*0.00*	3	**0.1**	*0.04*	0.00	*0.00*
Korea, Incheon	16	**0.3**	*0.07*	0.02	*0.01*	9	**0.1**	*0.05*	0.01	*0.00*
Korea, Jejudo	0	**-**	-	-	-	2	**0.3**	*0.21*	0.02	*0.02*
Korea, Seoul	61	**0.3**	*0.04*	0.02	*0.00*	31	**0.1**	*0.02*	0.01	*0.00*
Korea, Ulsan	3	**0.2**	*0.09*	0.01	*0.01*	5	**0.3**	*0.13*	0.03	*0.02*
Kuwait: Kuwaitis	2	**0.1**	*0.05*	0.00	*0.00*	0	**-**	-	-	-
Kuwait: Non-Kuwaitis	1	**0.0**	*0.02*	0.00	*0.00*	1	**0.1**	*0.05*	0.00	*0.00*
Malaysia, Penang	5	**0.2**	*0.11*	0.02	*0.01*	10	**0.4**	*0.12*	0.03	*0.01*
Malaysia, Sarawak	10	**0.2**	*0.07*	0.02	*0.01*	3	**0.1**	*0.03*	0.00	*0.00*
Oman: Omani	2	**0.1**	*0.07*	0.02	*0.02*	1	**0.0**	*0.02*	0.00	*0.00**
Pakistan, South Karachi	3	**0.0**	*0.03*	0.00	*0.00*	10	**0.3**	*0.11*	0.03	*0.01**
Philippines, Manila	6	**0.0**	*0.02*	0.00	*0.00*	3	**0.0**	*0.02*	0.00	*0.00**
Singapore	20	**0.3**	*0.07*	0.02	*0.00*	6	**0.1**	*0.04*	0.01	*0.00*
Singapore: Chinese	17	**0.3**	*0.08*	0.02	*0.00*	2	**0.0**	*0.03*	0.00	*0.00*
Singapore: Indian	0	**-**	-	-	-	2	**0.3**	*0.23*	0.04	*0.04*
Singapore: Malay	3	**0.3**	*0.15*	0.01	*0.01*	2	**0.2**	*0.14*	0.01	*0.01*
Thailand, Chiang Mai	4	**0.1**	*0.06*	0.01	*0.00*	2	**0.0**	*0.03*	0.00	*0.00**
Thailand, Lampang	1	**0.0**	*0.03*	0.00	*0.00*	1	**0.0**	*0.03*	0.00	*0.00**
Thailand, Songkhla	0	**-**	-	-	-	1	**0.0**	*0.04*	0.00	*0.00*
Turkey, Antalya	3	**0.1**	*0.06*	0.01	*0.00*	2	**0.1**	*0.05*	0.01	*0.01**
Turkey, Izmir	9	**0.1**	*0.04*	0.01	*0.01*	8	**0.1**	*0.03*	0.01	*0.00**
Europe										
Austria	39	**0.2**	*0.03*	0.01	*0.00*	35	**0.2**	*0.03*	0.01	*0.00*
Austria, Tyrol	2	**0.1**	*0.08*	0.01	*0.01*	1	**0.1**	*0.05*	0.00	*0.01*
Austria, Vorarlberg	2	**0.2**	*0.15*	0.02	*0.02*	1	**0.1**	*0.08*	0.01	*0.01*
Belarus	17	**0.1**	*0.01*	0.01	*0.00*	15	**0.0**	*0.01*	0.00	*0.00**
Belgium, Antwerp	1	**0.0**	*0.01*	-	-	0	**-**	-	-	- *
Belgium, Flanders	22	**0.2**	*0.04*	0.01	*0.00*	14	**0.1**	*0.03*	0.01	*0.00*
Bulgaria	31	**0.1**	*0.03*	0.01	*0.00*	20	**0.1**	*0.02*	0.01	*0.00**
Croatia	26	**0.2**	*0.04*	0.02	*0.00*	39	**0.2**	*0.04*	0.02	*0.00*
Czech Republic	39	**0.1**	*0.02*	0.01	*0.00*	24	**0.1**	*0.02*	0.01	*0.00*
Denmark	15	**0.1**	*0.03*	0.01	*0.00*	16	**0.1**	*0.03*	0.01	*0.00*
Estonia	3	**0.1**	*0.06*	0.01	*0.00*	0	**-**	-	-	-
Finland	20	**0.2**	*0.04*	0.01	*0.00*	24	**0.2**	*0.04*	0.01	*0.00*
France, Bas-Rhin	4	**0.1**	*0.07*	0.01	*0.01*	2	**0.0**	*0.04*	0.00	*0.00*
France, Calvados	2	**0.2**	*0.11*	0.01	*0.01*	5	**0.3**	*0.12*	0.03	*0.01*
France, Doubs	0	**-**	-	-	-	3	**0.2**	*0.15*	0.02	*0.01*
France, Haut-Rhin	2	**0.1**	*0.07*	0.01	*0.01*	0	**-**	-	-	-
France, Herault	5	**0.2**	*0.10*	0.02	*0.01*	4	**0.1**	*0.08*	0.01	*0.01*
France, Isere	3	**0.1**	*0.07*	0.01	*0.01*	5	**0.2**	*0.08*	0.01	*0.01*
France, Loire-Atlantique	1	**0.0**	*0.05*	0.00	*0.00*	3	**0.1**	*0.04*	0.01	*0.00*
France, Manche	0	**-**	-	-	-	2	**0.2**	*0.13*	0.01	*0.01*
France, Somme	2	**0.2**	*0.12*	0.01	*0.01*	0	**-**	-	-	-
France, Tarn	2	**0.2**	*0.18*	0.02	*0.01*	1	**0.0**	*0.02*	-	-
France, Vendee	1	**0.1**	*0.09*	0.01	*0.01*	3	**0.1**	*0.07*	0.02	*0.01*
Germany, Brandenburg	5	**0.1**	*0.02*	0.01	*0.00*	13	**0.1**	*0.03*	0.01	*0.00*
Germany, Free State of Saxony	15	**0.1**	*0.02*	0.01	*0.00*	27	**0.1**	*0.03*	0.01	*0.00*
Germany, Hamburg	7	**0.2**	*0.07*	0.01	*0.01*	4	**0.1**	*0.05*	0.01	*0.00*
Germany, Mecklenburg-Western Pomerania	8	**0.2**	*0.06*	0.01	*0.01*	4	**0.1**	*0.09*	0.01	*0.00*
Germany, Munich	6	**0.1**	*0.04*	0.01	*0.00*	7	**0.1**	*0.05*	0.01	*0.00*
Germany, Northrhine-Westphalia: Munster	4	**0.0**	*0.02*	0.01	*0.00*	5	**0.1**	*0.04*	0.01	*0.00*
Germany, Saarland	4	**0.2**	*0.09*	0.01	*0.01*	1	**0.1**	*0.07*	0.00	*0.00*
Iceland	1	**0.2**	*0.22*	0.01	*0.01*	1	**0.0**	*0.05*	-	-
Ireland	32	**0.3**	*0.05*	0.03	*0.01*	18	**0.2**	*0.04*	0.01	*0.00*
Italy, Biella Province	2	**0.3**	*0.23*	0.03	*0.02*	3	**0.1**	*0.08*	0.02	*0.02*
Italy, Brescia Province	5	**0.2**	*0.11*	0.03	*0.01*	4	**0.1**	*0.06*	0.02	*0.01*
Italy, Ferrara Province	1	**0.1**	*0.07*	0.01	*0.01*	1	**0.0**	*0.03*	0.01	*0.01*
Italy, Florence and Prato	3	**0.1**	*0.10*	0.01	*0.00*	7	**0.1**	*0.04*	0.01	*0.01*
Italy, Genoa Province	6	**0.3**	*0.13*	0.04	*0.01*	1	**0.0**	*0.02*	0.00	*0.01*
Italy, Macerata Province	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Milan	0	**-**	-	-	-	1	**0.0**	*0.01*	0.00	*0.00*
Italy, Modena Province	1	**0.0**	*0.02*	-	-	4	**0.2**	*0.18*	0.01	*0.01*
Italy, Naples	1	**0.1**	*0.09*	0.00	*0.01*	2	**0.1**	*0.08*	0.02	*0.01*
Italy, North East Cancer Surveillance Network	11	**0.1**	*0.03*	0.01	*0.00*	13	**0.2**	*0.08*	0.02	*0.01*
Italy, Parma Province	5	**0.6**	*0.33*	0.04	*0.02*	3	**0.4**	*0.30*	0.03	*0.02*
Italy, Ragusa Province	1	**0.1**	*0.07*	0.02	*0.02*	1	**0.1**	*0.11*	0.01	*0.01*
Italy, Reggio Emilia Province	2	**0.0**	*0.03*	-	-	1	**0.1**	*0.06*	0.01	*0.01*
Italy, Romagna Region	2	**0.1**	*0.04*	0.01	*0.00*	2	**0.1**	*0.06*	0.01	*0.00*
Italy, Salerno Province	2	**0.0**	*0.03*	-	-	3	**0.1**	*0.07*	0.01	*0.01*
Italy, Sassari Province	10	**0.6**	*0.20*	0.06	*0.02*	13	**0.8**	*0.23*	0.07	*0.02*
Italy, Syracuse Province	3	**0.4**	*0.23*	0.03	*0.02*	0	**-**	-	-	-
Italy, Sondrio	0	**-**	-	-	-	1	**0.0**	*0.05*	-	-
Italy, Torino	3	**0.2**	*0.12*	0.01	*0.01*	0	**-**	-	-	-
Italy, Umbria Region	7	**0.3**	*0.15*	0.02	*0.01*	6	**0.2**	*0.11*	0.02	*0.01*
Italy, Varese Province	2	**0.1**	*0.08*	0.01	*0.01*	2	**0.1**	*0.09*	0.01	*0.01*
Italy, Veneto Region	6	**0.1**	*0.06*	0.01	*0.00*	7	**0.2**	*0.07*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other endocrine (C75) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	5	**0.1**	*0.04*	0.01	*0.00*	4	**0.1**	*0.04*	0.01	*0.00*
Lithuania	7	**0.1**	*0.03*	0.01	*0.00*	9	**0.1**	*0.02*	0.01	*0.00*
Malta	1	**0.1**	*0.15*	0.01	*0.01*	1	**0.1**	*0.09*	0.01	*0.01*
Norway	17	**0.1**	*0.04*	0.01	*0.00*	11	**0.1**	*0.02*	0.01	*0.00*
Poland, Cracow	3	**0.1**	*0.07*	0.01	*0.01*	2	**0.1**	*0.05*	0.01	*0.00**
Poland, Kielce	9	**0.3**	*0.10*	0.02	*0.01*	12	**0.4**	*0.13*	0.03	*0.01*
Poland, Warsaw City	11	**0.2**	*0.07*	0.02	*0.01*	10	**0.2**	*0.06*	0.01	*0.01*
Portugal, Porto	21	**0.3**	*0.06*	0.02	*0.01*	10	**0.1**	*0.04*	0.01	*0.00**
Portugal, South Regional	21	**0.3**	*0.07*	0.02	*0.01*	15	**0.1**	*0.04*	0.01	*0.00*
Russia, St Petersburg	13	**0.1**	*0.03*	0.01	*0.00*	12	**0.1**	*0.02*	0.01	*0.00*
Serbia	39	**0.3**	*0.05*	0.03	*0.00*	37	**0.2**	*0.04*	0.02	*0.00*
Slovak Republic	15	**0.1**	*0.03*	0.01	*0.00*	7	**0.0**	*0.02*	0.00	*0.00*
Slovenia	3	**0.1**	*0.03*	0.00	*0.00*	0	**-**	-	-	-
Spain, Albacete	3	**0.6**	*0.33*	0.03	*0.02*	1	**0.1**	*0.14*	0.01	*0.01*
Spain, Asturias	6	**0.3**	*0.12*	0.02	*0.01*	5	**0.1**	*0.04*	0.01	*0.00*
Spain, Basque Country	3	**0.1**	*0.03*	0.00	*0.00*	4	**0.1**	*0.04*	0.01	*0.00*
Spain, Canary Islands	1	**0.0**	*0.02*	-	-	2	**0.1**	*0.04*	0.00	*0.00*
Spain, Cuenca	0	**-**	-	-	-	0	**-**	-	-	-
Spain, Girona	2	**0.2**	*0.13*	0.01	*0.01*	0	**-**	-	-	-
Spain, Granada	5	**0.4**	*0.18*	0.02	*0.01*	2	**0.1**	*0.08*	0.01	*0.01*
Spain, Murcia	7	**0.3**	*0.10*	0.02	*0.01*	2	**0.1**	*0.05*	0.00	*0.00*
Spain, Navarra	1	**0.0**	*0.05*	0.01	*0.01*	1	**0.1**	*0.07*	0.01	*0.01*
Spain, Tarragona	3	**0.2**	*0.10*	0.01	*0.01*	2	**0.1**	*0.08*	0.02	*0.01*
Spain, Zaragoza	2	**0.1**	*0.12*	0.01	*0.01*	3	**0.1**	*0.10*	0.01	*0.01*
Sweden	28	**0.1**	*0.03*	0.01	*0.00*	34	**0.1**	*0.02*	0.01	*0.00*
Switzerland, Geneva	3	**0.2**	*0.12*	0.02	*0.01*	4	**0.2**	*0.12*	0.02	*0.01*
Switzerland, Graubunden and Glarus	0	**-**	-	-	-	0	**-**	-	-	-
Switzerland, Neuchatel	1	**0.2**	*0.20*	0.02	*0.02*	0	**-**	-	-	-
Switzerland, St Gall-Appenzell	1	**0.1**	*0.10*	0.01	*0.01*	0	**-**	-	-	-
Switzerland, Ticino	0	**-**	-	-	-	0	**-**	-	-	-
Switzerland, Valais	0	**-**	-	-	-	0	**-**	-	-	-
Switzerland, Vaud	3	**0.3**	*0.15*	0.01	*0.01*	4	**0.2**	*0.11*	0.03	*0.01*
The Netherlands	36	**0.1**	*0.02*	0.01	*0.00*	19	**0.0**	*0.01*	0.00	*0.00*
The Netherlands, Eindhoven	1	**0.0**	*0.03*	0.00	*0.00*	2	**0.1**	*0.06*	0.01	*0.01*
The Netherlands, Maastricht	3	**0.1**	*0.05*	0.01	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
UK, East of England Region	16	**0.2**	*0.06*	0.02	*0.00*	8	**0.1**	*0.03*	0.00	*0.00*
UK, England, Merseyside and Cheshire	16	**0.3**	*0.07*	0.02	*0.01*	4	**0.0**	*0.03*	0.00	*0.00*
UK, England, North Western	18	**0.2**	*0.04*	0.01	*0.00*	6	**0.1**	*0.02*	0.00	*0.00*
UK, England, Northern and Yorkshire	33	**0.2**	*0.04*	0.01	*0.00*	23	**0.1**	*0.03*	0.01	*0.00*
UK, England, Oxford Region	13	**0.2**	*0.06*	0.02	*0.00*	8	**0.1**	*0.03*	0.01	*0.00*
UK, England, South and Western Regions	51	**0.3**	*0.04*	0.03	*0.00*	51	**0.2**	*0.04*	0.02	*0.00*
UK, England, Thames	49	**0.1**	*0.02*	0.01	*0.00*	42	**0.1**	*0.02*	0.01	*0.00*
UK, England, Trent	10	**0.1**	*0.03*	0.01	*0.00*	11	**0.1**	*0.03*	0.01	*0.00*
UK, England, West Midlands	22	**0.2**	*0.04*	0.01	*0.00*	15	**0.1**	*0.03*	0.01	*0.00*
UK, Northern Ireland	5	**0.1**	*0.05*	0.01	*0.01*	6	**0.1**	*0.05*	0.01	*0.01*
UK, Scotland	14	**0.1**	*0.03*	0.01	*0.00*	8	**0.0**	*0.02*	0.00	*0.00*
Oceania										
Australia, New South Wales	25	**0.2**	*0.03*	0.01	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
Australia, Northern Territory	0	**-**	-	-	-	0	**-**	-	-	-
Australia, Queensland	12	**0.1**	*0.04*	0.01	*0.00*	6	**0.1**	*0.02*	0.00	*0.00*
Australia, South	3	**0.1**	*0.04*	0.01	*0.00*	2	**0.1**	*0.05*	0.00	*0.00*
Australia, Tasmania	1	**0.1**	*0.10*	0.01	*0.01*	1	**0.1**	*0.06*	0.01	*0.01*
Australia, Victoria	21	**0.2**	*0.04*	0.01	*0.00*	15	**0.1**	*0.03*	0.01	*0.00*
Australia, Western	6	**0.1**	*0.05*	0.01	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
Australian Capital Territory	1	**0.1**	*0.10*	0.01	*0.01*	1	**0.2**	*0.15*	0.01	*0.01*
French Polynesia	4	**0.6**	*0.35*	0.08	*0.05*	2	**0.3**	*0.24*	0.02	*0.01*
New Zealand	17	**0.2**	*0.04*	0.01	*0.00*	8	**0.1**	*0.03*	0.00	*0.00*
USA, Hawaii	9	**0.3**	*0.11*	0.02	*0.01*	4	**0.2**	*0.08*	0.01	*0.00*
USA, Hawaii: Chinese	0	**-**	-	-	-	0	**-**	-	-	-
USA, Hawaii: Filipino	3	**0.6**	*0.37*	0.04	*0.03*	0	**-**	-	-	-
USA, Hawaii: Hawaiian	3	**0.5**	*0.27*	0.03	*0.02*	0	**-**	-	-	-
USA, Hawaii: Japanese	1	**0.1**	*0.11*	0.01	*0.01*	1	**0.3**	*0.29*	0.02	*0.02*
USA, Hawaii: White	2	**0.5**	*0.35*	0.03	*0.02*	0	**-**	-	-	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hodgkin lymphoma (C81)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	50	**1.5**	*0.23*	-	-	46	**1.2**	*0.19*	-	- *
Egypt, Gharbiah	180	**2.5**	*0.20*	-	-	83	**1.2**	*0.14*	-	-
Tunisia, Centre, Sousse	31	**2.8**	*0.53*	-	-	18	**1.4**	*0.33*	-	- *
Uganda, Kyadondo County	37	**1.4**	*0.32*	-	-	24	**1.6**	*0.42*	-	- *
Zimbabwe, Harare: African	27	**0.9**	*0.21*	-	-	16	**0.4**	*0.13*	-	- *
America, Central and South										
Argentina, Bahia Blanca	16	**2.1**	*0.53*	0.19	*0.05*	20	**2.2**	*0.52*	0.21	*0.05*
Brazil, Brasilia	75	**2.3**	*0.30*	0.21	*0.04*	58	**1.5**	*0.22*	0.13	*0.02*
Brazil, Cuiaba	24	**2.7**	*0.61*	0.26	*0.09*	14	**1.5**	*0.44*	0.17	*0.07*
Brazil, Goiania	41	**2.0**	*0.33*	0.17	*0.03*	37	**1.6**	*0.28*	0.16	*0.04*
Brazil, Sao Paulo	627	**2.5**	*0.11*	0.20	*0.01*	544	**1.8**	*0.08*	0.15	*0.01*
Chile, Valdivia	19	**2.2**	*0.50*	0.24	*0.07*	8	**0.8**	*0.30*	0.10	*0.04*
Colombia, Cali	79	**1.9**	*0.22*	0.15	*0.02*	69	**1.4**	*0.19*	0.16	*0.03*
Costa Rica	183	**1.9**	*0.15*	0.16	*0.02*	154	**1.6**	*0.13*	0.13	*0.01*
Ecuador, Quito	43	**1.4**	*0.23*	0.13	*0.03*	29	**0.8**	*0.16*	0.08	*0.02*
France, La Martinique	9	**0.8**	*0.29*	0.07	*0.03*	8	**0.8**	*0.28*	0.06	*0.02*
Peru, Trujillo	10	**0.8**	*0.26*	0.06	*0.02*	8	**0.6**	*0.22*	0.04	*0.02* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	1751	**2.7**	*0.07*	0.23	*0.01*	1410	**2.2**	*0.06*	0.17	*0.01*
Canada, Alberta	233	**2.8**	*0.19*	0.23	*0.02*	181	**2.3**	*0.18*	0.18	*0.01*
Canada, British Columbia	285	**2.5**	*0.15*	0.21	*0.01*	194	**1.8**	*0.14*	0.14	*0.01*
Canada, Manitoba	76	**2.4**	*0.28*	0.21	*0.03*	54	**1.8**	*0.25*	0.15	*0.02*
Canada, New Brunswick	50	**2.5**	*0.38*	0.22	*0.03*	46	**2.3**	*0.36*	0.18	*0.03*
Canada, Newfoundland and Labrador	27	**1.8**	*0.37*	0.14	*0.03*	18	**1.3**	*0.33*	0.09	*0.02*
Canada, Northwest Territories	1	**0.9**	*0.89*	0.06	*0.06*	0	**-**	-	-	-
Canada, Nova Scotia	68	**2.7**	*0.35*	0.22	*0.03*	59	**2.4**	*0.33*	0.18	*0.03*
Canada, Ontario	932	**2.9**	*0.10*	0.24	*0.01*	780	**2.4**	*0.09*	0.19	*0.01*
Canada, Prince Edward Island	8	**2.3**	*0.84*	0.18	*0.07*	10	**2.7**	*0.89*	0.21	*0.07*
Canada, Saskatchewan	71	**2.6**	*0.31*	0.22	*0.03*	68	**2.5**	*0.31*	0.19	*0.03*
USA, Alabama	273	**2.3**	*0.14*	0.19	*0.01*	223	**1.8**	*0.12*	0.14	*0.01*
USA, Alabama: Black	61	**2.2**	*0.28*	0.17	*0.02*	46	**1.4**	*0.21*	0.11	*0.02*
USA, Alabama: White	209	**2.2**	*0.16*	0.20	*0.02*	173	**1.9**	*0.16*	0.15	*0.01*
USA, Alaska	33	**2.0**	*0.36*	0.18	*0.04*	27	**1.8**	*0.35*	0.13	*0.03*
USA, Arizona	305	**2.1**	*0.13*	0.18	*0.01*	235	**1.6**	*0.11*	0.13	*0.01*
USA, California	2281	**2.4**	*0.05*	0.21	*0.01*	1789	**1.9**	*0.05*	0.16	*0.00*
USA, California: Asian and Pacific Islander	112	**1.0**	*0.10*	0.09	*0.01*	110	**0.9**	*0.09*	0.07	*0.01*
USA, California: Black	146	**2.2**	*0.19*	0.20	*0.02*	102	**1.5**	*0.15*	0.14	*0.02*
USA, California: Hispanic White	524	**2.2**	*0.10*	0.21	*0.01*	389	**1.6**	*0.08*	0.14	*0.01*
USA, California: Non-Hispanic White	1453	**3.1**	*0.09*	0.26	*0.01*	1164	**2.6**	*0.08*	0.21	*0.01*
USA, California, Greater San Francisco Bay Area	491	**2.7**	*0.13*	0.24	*0.01*	361	**2.0**	*0.11*	0.17	*0.01*
USA, California, Greater San Francisco Bay Area: Black	26	**1.9**	*0.38*	0.19	*0.05*	19	**1.4**	*0.34*	0.09	*0.02*
USA, California, Greater San Francisco Bay Area: Chinese	21	**1.6**	*0.37*	0.15	*0.04*	13	**0.7**	*0.22*	0.07	*0.02*
USA, California, Greater San Francisco Bay Area: Filipino	12	**1.2**	*0.36*	0.10	*0.03*	15	**1.7**	*0.45*	0.12	*0.03*
USA, California, Greater San Francisco Bay Area: Japanese	1	**0.7**	*0.72*	0.05	*0.05*	2	**0.9**	*0.68*	0.06	*0.05*
USA, California, Greater San Francisco Bay Area: Hispanic White	82	**2.5**	*0.30*	0.25	*0.04*	55	**1.8**	*0.25*	0.17	*0.03*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	317	**3.6**	*0.22*	0.30	*0.02*	233	**2.7**	*0.19*	0.22	*0.02*
USA, California, Los Angeles County	627	**2.5**	*0.10*	0.22	*0.01*	505	**1.9**	*0.09*	0.16	*0.01*
USA, California, Los Angeles County: Black	70	**2.7**	*0.33*	0.23	*0.03*	51	**1.7**	*0.24*	0.15	*0.02*
USA, California, Los Angeles County: Chinese	8	**0.8**	*0.30*	0.07	*0.03*	2	**0.1**	*0.08*	0.01	*0.01*
USA, California, Los Angeles County: Filipino	6	**0.8**	*0.33*	0.08	*0.04*	17	**1.9**	*0.48*	0.13	*0.03*
USA, California, Los Angeles County: Japanese	2	**1.1**	*0.77*	0.06	*0.04*	2	**0.6**	*0.41*	0.04	*0.03*
USA, California, Los Angeles County: Korean	3	**0.6**	*0.35*	0.03	*0.02*	2	**0.3**	*0.20*	0.02	*0.02*
USA, California, Los Angeles County: Hispanic White	213	**2.4**	*0.18*	0.23	*0.02*	153	**1.6**	*0.13*	0.14	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	308	**3.4**	*0.21*	0.29	*0.02*	273	**3.2**	*0.22*	0.25	*0.02*
USA, Colorado	318	**2.7**	*0.15*	0.23	*0.01*	240	**2.1**	*0.14*	0.18	*0.01*
USA, Connecticut	300	**3.3**	*0.20*	0.27	*0.02*	285	**3.1**	*0.20*	0.25	*0.02*
USA, Connecticut: Black	27	**3.0**	*0.59*	0.20	*0.04*	26	**2.4**	*0.48*	0.20	*0.04*
USA, Connecticut: White	265	**3.4**	*0.23*	0.28	*0.02*	252	**3.3**	*0.22*	0.26	*0.02*
USA, District of Columbia	50	**3.1**	*0.45*	0.29	*0.05*	35	**2.0**	*0.35*	0.16	*0.03*
USA, District of Columbia: Black	26	**2.8**	*0.56*	0.30	*0.06*	19	**1.8**	*0.44*	0.16	*0.04*
USA, District of Columbia: White	22	**3.2**	*0.75*	0.24	*0.06*	13	**1.8**	*0.52*	0.15	*0.05*
USA, Florida	1216	**2.7**	*0.08*	0.23	*0.01*	985	**2.1**	*0.07*	0.17	*0.01*
USA, Florida: Black	118	**1.9**	*0.18*	0.16	*0.02*	103	**1.5**	*0.15*	0.13	*0.01*
USA, Florida: White	1066	**2.8**	*0.09*	0.24	*0.01*	864	**2.3**	*0.09*	0.18	*0.01*
USA, Georgia	562	**2.5**	*0.11*	0.22	*0.01*	454	**2.0**	*0.10*	0.16	*0.01*
USA, Georgia: Black	148	**2.5**	*0.22*	0.23	*0.02*	121	**1.8**	*0.17*	0.14	*0.01*
USA, Georgia: White	402	**2.5**	*0.13*	0.22	*0.01*	329	**2.1**	*0.12*	0.17	*0.01*
USA, Georgia, Atlanta	223	**2.8**	*0.19*	0.22	*0.02*	184	**2.2**	*0.17*	0.18	*0.02*
USA, Georgia, Atlanta: Black	71	**2.6**	*0.32*	0.21	*0.03*	57	**1.8**	*0.24*	0.14	*0.02*
USA, Georgia, Atlanta: White	143	**2.9**	*0.26*	0.23	*0.02*	123	**2.6**	*0.25*	0.20	*0.02*
USA, Idaho	93	**2.7**	*0.29*	0.21	*0.02*	89	**2.5**	*0.27*	0.21	*0.02*
USA, Illinois	973	**2.9**	*0.09*	0.25	*0.01*	766	**2.2**	*0.08*	0.18	*0.01*
USA, Illinois: Black	114	**2.5**	*0.23*	0.20	*0.02*	94	**1.7**	*0.18*	0.15	*0.02*
USA, Illinois: White	815	**2.9**	*0.11*	0.25	*0.01*	640	**2.3**	*0.10*	0.19	*0.01*
USA, Indiana	477	**2.9**	*0.14*	0.24	*0.01*	402	**2.4**	*0.13*	0.19	*0.01*
USA, Iowa	216	**2.6**	*0.19*	0.23	*0.02*	203	**2.6**	*0.19*	0.20	*0.02*
USA, Kentucky	342	**3.2**	*0.18*	0.26	*0.02*	274	**2.4**	*0.15*	0.19	*0.01*
USA, Louisiana	290	**2.4**	*0.15*	0.21	*0.01*	284	**2.2**	*0.14*	0.17	*0.01*
USA, Louisiana: Black	65	**1.9**	*0.23*	0.16	*0.02*	66	**1.6**	*0.20*	0.13	*0.02*
USA, Louisiana: White	223	**2.8**	*0.19*	0.24	*0.02*	216	**2.6**	*0.19*	0.20	*0.02*
USA, Louisiana, New Orleans: Black	21	**2.0**	*0.43*	0.19	*0.05*	23	**1.8**	*0.39*	0.14	*0.03*
USA, Louisiana, New Orleans: White	48	**3.3**	*0.51*	0.31	*0.05*	41	**2.9**	*0.49*	0.22	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hodgkin lymphoma (C81) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	135	**3.9**	*0.35*	0.32	*0.03*	80	**2.3**	*0.27*	0.18	*0.02*
USA, Massachusetts	576	**3.4**	*0.15*	0.29	*0.01*	505	**2.7**	*0.13*	0.22	*0.01*
USA, Michigan	797	**3.0**	*0.11*	0.25	*0.01*	672	**2.5**	*0.10*	0.19	*0.01*
USA, Michigan: Black	99	**2.8**	*0.29*	0.25	*0.03*	84	**2.1**	*0.23*	0.16	*0.02*
USA, Michigan: White	682	**3.1**	*0.12*	0.25	*0.01*	575	**2.5**	*0.11*	0.20	*0.01*
USA, Michigan, Detroit	349	**3.3**	*0.18*	0.28	*0.02*	310	**2.8**	*0.17*	0.22	*0.01*
USA, Michigan, Detroit: Black	68	**2.7**	*0.34*	0.24	*0.03*	67	**2.2**	*0.28*	0.16	*0.02*
USA, Michigan, Detroit: White	276	**3.7**	*0.23*	0.30	*0.02*	239	**3.1**	*0.22*	0.24	*0.02*
USA, Missouri	419	**2.8**	*0.14*	0.24	*0.01*	324	**2.1**	*0.12*	0.16	*0.01*
USA, Missouri: Black	39	**2.5**	*0.41*	0.22	*0.04*	26	**1.4**	*0.28*	0.11	*0.02*
USA, Missouri: White	376	**2.9**	*0.16*	0.24	*0.01*	296	**2.2**	*0.14*	0.17	*0.01*
USA, Montana	65	**2.5**	*0.33*	0.22	*0.03*	66	**2.7**	*0.35*	0.21	*0.03*
USA, NPCR	17078	**2.8**	*0.02*	0.24	*0.00*	14009	**2.2**	*0.02*	0.18	*0.00*
USA, NPCR: Black	1677	**2.4**	*0.06*	0.21	*0.01*	1349	**1.7**	*0.05*	0.14	*0.00*
USA, NPCR: White	14764	**2.9**	*0.02*	0.25	*0.00*	12155	**2.4**	*0.02*	0.19	*0.00*
USA, New Jersey	729	**3.3**	*0.13*	0.28	*0.01*	689	**3.0**	*0.12*	0.24	*0.01*
USA, New Jersey: Black	85	**2.7**	*0.30*	0.22	*0.03*	77	**2.2**	*0.25*	0.19	*0.02*
USA, New Jersey: White	612	**3.5**	*0.15*	0.29	*0.01*	600	**3.3**	*0.15*	0.26	*0.01*
USA, New Mexico	118	**2.3**	*0.22*	0.21	*0.02*	76	**1.5**	*0.18*	0.13	*0.02*
USA, New Mexico: American Indian	1	**0.2**	*0.20*	-	-	2	**0.3**	*0.24*	0.03	*0.02*
USA, New Mexico: Hispanic White	41	**2.2**	*0.34*	0.21	*0.04*	23	**1.2**	*0.25*	0.11	*0.03*
USA, New Mexico: Non-Hispanic White	73	**3.0**	*0.38*	0.26	*0.03*	51	**2.4**	*0.37*	0.19	*0.03*
USA, New York State	1737	**3.4**	*0.08*	0.28	*0.01*	1490	**2.8**	*0.08*	0.22	*0.01*
USA, New York State: Black	226	**3.1**	*0.21*	0.25	*0.02*	155	**1.8**	*0.15*	0.15	*0.01*
USA, New York State: White	1468	**3.7**	*0.10*	0.30	*0.01*	1297	**3.1**	*0.09*	0.25	*0.01*
USA, Ohio	893	**3.0**	*0.10*	0.24	*0.01*	748	**2.3**	*0.09*	0.19	*0.01*
USA, Ohio: Black	80	**2.5**	*0.28*	0.20	*0.02*	68	**1.9**	*0.23*	0.15	*0.02*
USA, Ohio: White	784	**3.0**	*0.11*	0.24	*0.01*	658	**2.4**	*0.10*	0.19	*0.01*
USA, Oklahoma	267	**2.8**	*0.17*	0.23	*0.02*	192	**2.0**	*0.15*	0.16	*0.01*
USA, Oregon	255	**2.7**	*0.18*	0.23	*0.02*	200	**2.2**	*0.16*	0.16	*0.01*
USA, Pennsylvania	1136	**3.4**	*0.11*	0.29	*0.01*	952	**2.7**	*0.10*	0.22	*0.01*
USA, Pennsylvania: Black	100	**3.1**	*0.31*	0.27	*0.03*	72	**2.1**	*0.25*	0.16	*0.02*
USA, Pennsylvania: White	1007	**3.5**	*0.11*	0.29	*0.01*	865	**2.8**	*0.11*	0.23	*0.01*
USA, Rhode Island	89	**3.1**	*0.34*	0.28	*0.03*	78	**2.6**	*0.32*	0.20	*0.03*
USA, SEER (9 Registries)	2023	**2.8**	*0.06*	0.24	*0.01*	1696	**2.3**	*0.06*	0.18	*0.00*
USA, SEER (9 Registries): Black	210	**2.5**	*0.18*	0.22	*0.02*	181	**1.9**	*0.15*	0.14	*0.01*
USA, SEER (9 Registries): White	1686	**3.0**	*0.07*	0.25	*0.01*	1420	**2.6**	*0.07*	0.20	*0.01*
USA, SEER (14 Registries)	5363	**2.6**	*0.04*	0.23	*0.00*	4515	**2.2**	*0.03*	0.18	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	196	**1.2**	*0.08*	0.10	*0.01*	160	**0.9**	*0.07*	0.07	*0.01*
USA, SEER (14 Registries): Black	515	**2.4**	*0.11*	0.21	*0.01*	424	**1.8**	*0.09*	0.15	*0.01*
USA, SEER (14 Registries): Hispanic White	741	**2.4**	*0.09*	0.22	*0.01*	533	**1.7**	*0.07*	0.14	*0.01*
USA, SEER (14 Registries): Non-Hispanic White	3832	**3.1**	*0.05*	0.26	*0.00*	3346	**2.7**	*0.05*	0.22	*0.00*
USA, South Carolina	233	**2.1**	*0.14*	0.19	*0.01*	219	**2.0**	*0.14*	0.16	*0.01*
USA, South Carolina: Black	59	**2.0**	*0.27*	0.18	*0.03*	56	**1.7**	*0.23*	0.14	*0.02*
USA, South Carolina: White	169	**2.1**	*0.17*	0.19	*0.02*	159	**2.1**	*0.18*	0.17	*0.01*
USA, Texas	1370	**2.4**	*0.07*	0.21	*0.01*	1032	**1.8**	*0.06*	0.14	*0.01*
USA, Texas: Black	139	**2.2**	*0.19*	0.19	*0.02*	126	**1.9**	*0.17*	0.16	*0.02*
USA, Texas: White	1192	**2.5**	*0.07*	0.22	*0.01*	879	**1.8**	*0.06*	0.15	*0.01*
USA, Utah	127	**2.1**	*0.19*	0.18	*0.02*	112	**1.8**	*0.18*	0.16	*0.02*
USA, Vermont	54	**3.2**	*0.45*	0.26	*0.04*	55	**3.4**	*0.49*	0.28	*0.04*
USA, Washington State	477	**2.9**	*0.14*	0.25	*0.01*	388	**2.5**	*0.13*	0.19	*0.01*
USA, Washington, Seattle	315	**2.8**	*0.16*	0.24	*0.02*	268	**2.5**	*0.16*	0.19	*0.01*
USA, West Virginia	138	**2.9**	*0.26*	0.22	*0.02*	116	**2.1**	*0.21*	0.18	*0.02*
USA, Wisconsin	454	**3.1**	*0.15*	0.26	*0.01*	379	**2.6**	*0.14*	0.21	*0.01*
Asia										
Bahrain: Bahraini	18	**1.8**	*0.43*	0.11	*0.03*	15	**1.8**	*0.51*	0.18	*0.06*
China, Guangzhou City	34	**0.6**	*0.10*	0.05	*0.01*	23	**0.4**	*0.08*	0.04	*0.01**
China, Hong Kong	157	**0.9**	*0.08*	0.07	*0.01*	101	**0.5**	*0.06*	0.04	*0.00*
China, Jiashan	3	**0.2**	*0.14*	0.04	*0.02*	4	**0.8**	*0.44*	0.05	*0.02**
China, Nangang District, Harbin City	2	**0.1**	*0.05*	0.01	*0.01*	2	**0.1**	*0.06*	0.01	*0.00*
China, Shanghai	90	**0.5**	*0.05*	0.04	*0.01*	44	**0.2**	*0.04*	0.02	*0.00**
China, Zhongshan	14	**0.4**	*0.12*	0.03	*0.01*	8	**0.2**	*0.07*	0.02	*0.01**
Cyprus	50	**2.8**	*0.40*	0.21	*0.03*	63	**3.5**	*0.46*	0.26	*0.03**
India, Chennai (Madras)	129	**1.2**	*0.11*	0.10	*0.01*	59	**0.5**	*0.07*	0.04	*0.01*
India, New Delhi	474	**1.5**	*0.08*	0.13	*0.01*	176	**0.8**	*0.06*	0.07	*0.01**
India, Karunagappally	3	**0.3**	*0.19*	0.03	*0.02*	1	**0.1**	*0.08*	0.00	*0.00*
India, Mumbai (Bombay)	261	**0.9**	*0.06*	0.08	*0.01*	118	**0.5**	*0.05*	0.05	*0.01*
India, Nagpur	42	**0.9**	*0.14*	0.09	*0.02*	15	**0.3**	*0.08*	0.02	*0.01**
India, Poona	67	**0.8**	*0.10*	0.08	*0.01*	37	**0.5**	*0.08*	0.04	*0.01**
India, Trivandrum	19	**0.7**	*0.16*	0.05	*0.01*	15	**0.5**	*0.12*	0.04	*0.01**
Israel	565	**3.7**	*0.15*	0.31	*0.01*	540	**3.4**	*0.15*	0.27	*0.01*
Israel: Jews	470	**3.7**	*0.17*	0.31	*0.02*	461	**3.5**	*0.17*	0.27	*0.01*
Israel: Non-Jews	86	**3.2**	*0.38*	0.28	*0.04*	69	**2.8**	*0.36*	0.26	*0.05*
Japan, Aichi Prefecture	13	**0.4**	*0.13*	0.03	*0.01*	8	**0.3**	*0.12*	0.03	*0.01*
Japan, Fukui Prefecture	13	**0.5**	*0.17*	0.05	*0.01*	6	**0.2**	*0.09*	0.02	*0.01*
Japan, Hiroshima	16	**0.5**	*0.13*	0.05	*0.01*	10	**0.3**	*0.09*	0.03	*0.01*
Japan, Miyagi Prefecture	41	**0.5**	*0.09*	0.04	*0.01*	27	**0.4**	*0.08*	0.03	*0.01*
Japan, Nagasaki Prefecture	19	**0.4**	*0.09*	0.03	*0.01*	12	**0.2**	*0.08*	0.02	*0.01*
Japan, Osaka Prefecture	109	**0.4**	*0.04*	0.04	*0.00*	54	**0.2**	*0.03*	0.02	*0.00*
Japan, Yamagata Prefecture	12	**0.2**	*0.07*	0.02	*0.01*	7	**0.1**	*0.06*	0.01	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hodgkin lymphoma (C81) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	346	**0.4**	*0.02*	0.03	*0.00*	191	**0.2**	*0.01*	0.02	*0.00*
Korea, Busan	31	**0.3**	*0.06*	0.03	*0.01*	22	**0.2**	*0.05*	0.02	*0.01*
Korea, Daegu	20	**0.3**	*0.08*	0.04	*0.01*	13	**0.2**	*0.06*	0.01	*0.00*
Korea, Daejeon	15	**0.4**	*0.11*	0.04	*0.01*	6	**0.2**	*0.08*	0.02	*0.01*
Korea, Gwangju	13	**0.4**	*0.12*	0.04	*0.02*	7	**0.2**	*0.07*	0.02	*0.01*
Korea, Incheon	22	**0.4**	*0.09*	0.03	*0.01*	8	**0.1**	*0.05*	0.01	*0.00*
Korea, Jejudo	2	**0.3**	*0.19*	0.02	*0.01*	3	**0.3**	*0.18*	0.01	*0.01*
Korea, Seoul	111	**0.4**	*0.05*	0.04	*0.01*	56	**0.2**	*0.03*	0.02	*0.00*
Korea, Ulsan	5	**0.3**	*0.15*	0.03	*0.02*	6	**0.3**	*0.14*	0.04	*0.02*
Kuwait: Kuwaitis	54	**3.2**	*0.49*	0.29	*0.06*	33	**1.8**	*0.36*	0.17	*0.05*
Kuwait: Non-Kuwaitis	58	**2.2**	*0.59*	0.13	*0.03*	25	**1.2**	*0.35*	0.11	*0.05*
Malaysia, Penang	13	**0.5**	*0.15*	0.05	*0.02*	10	**0.4**	*0.13*	0.03	*0.01*
Malaysia, Sarawak	29	**0.6**	*0.12*	0.05	*0.01*	23	**0.5**	*0.11*	0.05	*0.01*
Oman: Omani	78	**2.8**	*0.36*	0.25	*0.04*	33	**1.3**	*0.26*	0.14	*0.04**
Pakistan, South Karachi	81	**2.0**	*0.24*	0.16	*0.02*	32	**1.0**	*0.20*	0.09	*0.03**
Philippines, Manila	62	**0.6**	*0.09*	0.07	*0.01*	63	**0.5**	*0.07*	0.04	*0.01**
Singapore	69	**0.9**	*0.11*	0.07	*0.01*	48	**0.6**	*0.09*	0.05	*0.01*
Singapore: Chinese	51	**0.9**	*0.13*	0.07	*0.01*	27	**0.4**	*0.08*	0.03	*0.01*
Singapore: Indian	5	**0.9**	*0.43*	0.07	*0.03*	7	**0.9**	*0.38*	0.09	*0.04*
Singapore: Malay	13	**1.2**	*0.36*	0.10	*0.03*	14	**1.2**	*0.35*	0.14	*0.05*
Thailand, Chiang Mai	35	**0.9**	*0.16*	0.09	*0.02*	18	**0.4**	*0.10*	0.05	*0.01**
Thailand, Lampang	3	**0.1**	*0.08*	0.02	*0.01*	0	**-**	-	-	- *
Thailand, Songkhla	16	**0.5**	*0.12*	0.04	*0.01*	11	**0.3**	*0.09*	0.02	*0.01*
Turkey, Antalya	54	**1.5**	*0.21*	0.13	*0.02*	35	**1.0**	*0.18*	0.09	*0.02**
Turkey, Izmir	130	**1.5**	*0.14*	0.14	*0.01*	77	**0.9**	*0.10*	0.07	*0.01**
Europe										
Austria	440	**2.1**	*0.10*	0.17	*0.01*	334	**1.5**	*0.09*	0.11	*0.01*
Austria, Tyrol	29	**1.7**	*0.33*	0.14	*0.03*	21	**1.1**	*0.25*	0.09	*0.02*
Austria, Vorarlberg	19	**2.1**	*0.49*	0.16	*0.04*	18	**1.9**	*0.47*	0.15	*0.04*
Belarus	665	**2.6**	*0.10*	0.21	*0.01*	712	**2.6**	*0.10*	0.19	*0.01**
Belgium, Antwerp	100	**2.2**	*0.24*	0.18	*0.02*	72	**1.6**	*0.21*	0.12	*0.02**
Belgium, Flanders	323	**2.5**	*0.15*	0.20	*0.01*	280	**2.2**	*0.14*	0.17	*0.01*
Bulgaria	564	**2.5**	*0.11*	0.22	*0.01*	369	**1.6**	*0.09*	0.13	*0.01**
Croatia	308	**2.5**	*0.15*	0.22	*0.01*	312	**2.5**	*0.15*	0.20	*0.01*
Czech Republic	682	**2.4**	*0.10*	0.20	*0.01*	646	**2.1**	*0.09*	0.17	*0.01*
Denmark	355	**2.4**	*0.14*	0.20	*0.01*	260	**1.7**	*0.12*	0.14	*0.01*
Estonia	66	**2.0**	*0.25*	0.15	*0.02*	93	**2.5**	*0.27*	0.19	*0.02*
Finland	370	**2.7**	*0.15*	0.21	*0.01*	304	**2.3**	*0.14*	0.17	*0.01*
France, Bas-Rhin	63	**2.2**	*0.29*	0.19	*0.03*	52	**1.6**	*0.24*	0.15	*0.02*
France, Calvados	43	**2.4**	*0.38*	0.18	*0.03*	30	**1.7**	*0.34*	0.11	*0.02*
France, Doubs	34	**2.4**	*0.44*	0.19	*0.04*	31	**2.4**	*0.45*	0.19	*0.03*
France, Haut-Rhin	38	**2.0**	*0.34*	0.16	*0.03*	44	**2.3**	*0.37*	0.18	*0.03*
France, Herault	60	**2.4**	*0.32*	0.20	*0.03*	73	**2.7**	*0.34*	0.21	*0.03*
France, Isere	84	**2.6**	*0.30*	0.22	*0.03*	60	**2.1**	*0.28*	0.15	*0.02*
France, Loire-Atlantique	90	**2.8**	*0.30*	0.22	*0.03*	68	**2.3**	*0.29*	0.16	*0.02*
France, Manche	36	**2.6**	*0.47*	0.23	*0.04*	15	**1.3**	*0.38*	0.09	*0.02*
France, Somme	33	**2.2**	*0.39*	0.16	*0.03*	27	**1.8**	*0.35*	0.14	*0.03*
France, Tarn	26	**2.8**	*0.62*	0.21	*0.04*	18	**1.6**	*0.44*	0.13	*0.03*
France, Vendee	34	**2.3**	*0.42*	0.19	*0.03*	36	**2.7**	*0.48*	0.20	*0.03*
Germany, Brandenburg	184	**2.4**	*0.19*	0.21	*0.02*	161	**2.1**	*0.19*	0.16	*0.01*
Germany, Free State of Saxony	293	**2.4**	*0.15*	0.19	*0.01*	248	**1.9**	*0.14*	0.15	*0.01*
Germany, Hamburg	102	**2.1**	*0.23*	0.17	*0.02*	107	**2.2**	*0.24*	0.17	*0.02*
Germany, Mecklenburg-Western Pomerania	110	**2.2**	*0.22*	0.18	*0.02*	101	**1.9**	*0.21*	0.15	*0.02*
Germany, Munich	153	**2.3**	*0.21*	0.19	*0.02*	138	**2.2**	*0.21*	0.17	*0.02*
Germany, Northrhine-Westphalia: Munster	168	**2.3**	*0.19*	0.20	*0.02*	110	**1.5**	*0.16*	0.11	*0.01*
Germany, Saarland	68	**2.0**	*0.27*	0.19	*0.02*	45	**1.5**	*0.27*	0.12	*0.02*
Iceland	26	**3.2**	*0.66*	0.28	*0.07*	14	**1.8**	*0.50*	0.13	*0.04*
Ireland	239	**2.3**	*0.15*	0.19	*0.01*	213	**2.0**	*0.14*	0.17	*0.01*
Italy, Biella Province	34	**6.9**	*1.37*	0.59	*0.10*	15	**2.8**	*0.86*	0.23	*0.06*
Italy, Brescia Province	56	**3.3**	*0.49*	0.28	*0.04*	54	**3.1**	*0.49*	0.26	*0.04*
Italy, Ferrara Province	27	**2.7**	*0.58*	0.22	*0.05*	34	**3.4**	*0.68*	0.27	*0.05*
Italy, Florence and Prato	106	**3.5**	*0.39*	0.27	*0.03*	102	**3.7**	*0.43*	0.27	*0.03*
Italy, Genoa Province	40	**3.0**	*0.59*	0.22	*0.04*	40	**3.6**	*0.68*	0.25	*0.04*
Italy, Macerata Province	14	**2.7**	*0.90*	0.21	*0.06*	14	**2.7**	*0.87*	0.18	*0.06*
Italy, Milan	115	**4.2**	*0.46*	0.34	*0.03*	77	**2.7**	*0.39*	0.20	*0.03*
Italy, Modena Province	54	**3.6**	*0.57*	0.28	*0.04*	47	**2.9**	*0.50*	0.22	*0.03*
Italy, Naples	48	**3.3**	*0.48*	0.29	*0.05*	35	**2.5**	*0.43*	0.20	*0.04*
Italy, North East Cancer Surveillance Network	181	**3.1**	*0.26*	0.25	*0.02*	154	**2.5**	*0.23*	0.19	*0.02*
Italy, Parma Province	29	**2.5**	*0.54*	0.20	*0.04*	42	**4.2**	*0.79*	0.32	*0.05*
Italy, Ragusa Province	24	**3.1**	*0.69*	0.22	*0.05*	17	**2.1**	*0.55*	0.17	*0.04*
Italy, Reggio Emilia Province	46	**3.7**	*0.61*	0.29	*0.05*	37	**2.4**	*0.52*	0.20	*0.04*
Italy, Romagna Region	77	**2.9**	*0.39*	0.23	*0.03*	73	**3.0**	*0.42*	0.22	*0.03*
Italy, Salerno Province	74	**3.1**	*0.37*	0.27	*0.03*	61	**2.6**	*0.36*	0.19	*0.03*
Italy, Sassari Province	49	**4.2**	*0.64*	0.31	*0.05*	40	**3.3**	*0.58*	0.24	*0.04*
Italy, Syracuse Province	27	**3.0**	*0.61*	0.26	*0.05*	21	**2.8**	*0.65*	0.19	*0.04*
Italy, Sondrio	9	**1.6**	*0.55*	0.17	*0.06*	13	**2.9**	*0.84*	0.21	*0.06*
Italy, Torino	78	**3.5**	*0.47*	0.26	*0.03*	68	**2.4**	*0.34*	0.20	*0.03*
Italy, Umbria Region	81	**3.6**	*0.46*	0.28	*0.03*	59	**2.6**	*0.41*	0.20	*0.03*
Italy, Varese Province	46	**3.1**	*0.49*	0.28	*0.04*	40	**3.2**	*0.58*	0.25	*0.04*
Italy, Veneto Region	175	**4.4**	*0.37*	0.33	*0.03*	112	**2.6**	*0.29*	0.20	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Hodgkin lymphoma (C81) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	122	**2.0**	*0.19*	0.16	*0.02*	126	**2.0**	*0.19*	0.14	*0.01*
Lithuania	194	**2.3**	*0.17*	0.18	*0.01*	255	**2.6**	*0.17*	0.19	*0.01*
Malta	35	**3.4**	*0.60*	0.28	*0.05*	15	**1.3**	*0.34*	0.11	*0.03*
Norway	285	**2.4**	*0.15*	0.20	*0.01*	222	**1.8**	*0.13*	0.13	*0.01*
Poland, Cracow	49	**2.3**	*0.34*	0.20	*0.03*	42	**1.8**	*0.32*	0.16	*0.03**
Poland, Kielce	92	**2.7**	*0.28*	0.22	*0.02*	84	**2.3**	*0.26*	0.19	*0.02*
Poland, Warsaw City	100	**2.4**	*0.26*	0.19	*0.02*	93	**2.1**	*0.23*	0.15	*0.02*
Portugal, Porto	179	**2.1**	*0.16*	0.16	*0.01*	164	**1.9**	*0.16*	0.14	*0.01**
Portugal, South Regional	205	**2.8**	*0.21*	0.23	*0.02*	165	**2.3**	*0.20*	0.17	*0.01*
Russia, St Petersburg	276	**2.4**	*0.15*	0.18	*0.01*	327	**2.5**	*0.15*	0.18	*0.01*
Serbia	403	**3.3**	*0.18*	0.28	*0.01*	285	**2.3**	*0.15*	0.19	*0.01*
Slovak Republic	285	**2.0**	*0.12*	0.17	*0.01*	320	**2.1**	*0.12*	0.16	*0.01*
Slovenia	96	**1.8**	*0.19*	0.14	*0.02*	113	**2.1**	*0.21*	0.15	*0.02*
Spain, Albacete	17	**1.9**	*0.50*	0.17	*0.04*	13	**1.4**	*0.41*	0.10	*0.03*
Spain, Asturias	76	**2.4**	*0.30*	0.20	*0.03*	69	**2.3**	*0.31*	0.17	*0.02*
Spain, Basque Country	177	**3.9**	*0.31*	0.30	*0.02*	108	**2.4**	*0.25*	0.18	*0.02*
Spain, Canary Islands	79	**1.9**	*0.22*	0.15	*0.02*	72	**1.7**	*0.21*	0.13	*0.02*
Spain, Cuenca	9	**1.4**	*0.53*	0.12	*0.04*	8	**1.4**	*0.60*	0.10	*0.04*
Spain, Girona	45	**2.8**	*0.44*	0.23	*0.04*	25	**1.8**	*0.40*	0.12	*0.03*
Spain, Granada	46	**2.1**	*0.31*	0.17	*0.03*	31	**1.5**	*0.28*	0.11	*0.02*
Spain, Murcia	84	**2.6**	*0.29*	0.22	*0.03*	55	**1.8**	*0.25*	0.13	*0.02*
Spain, Navarra	40	**2.7**	*0.46*	0.21	*0.03*	39	**2.5**	*0.43*	0.19	*0.03*
Spain, Tarragona	39	**2.7**	*0.47*	0.22	*0.04*	25	**2.2**	*0.46*	0.15	*0.03*
Spain, Zaragoza	64	**2.6**	*0.35*	0.22	*0.03*	42	**1.6**	*0.28*	0.13	*0.02*
Sweden	471	**2.0**	*0.10*	0.16	*0.01*	400	**1.7**	*0.09*	0.13	*0.01*
Switzerland, Geneva	33	**3.1**	*0.58*	0.24	*0.04*	35	**3.1**	*0.60*	0.23	*0.04*
Switzerland, Graubunden and Glarus	19	**3.3**	*0.80*	0.29	*0.07*	6	**1.1**	*0.48*	0.10	*0.04*
Switzerland, Neuchatel	14	**3.6**	*1.01*	0.26	*0.07*	11	**2.4**	*0.84*	0.18	*0.06*
Switzerland, St Gall-Appenzell	38	**2.3**	*0.41*	0.21	*0.04*	36	**2.8**	*0.49*	0.19	*0.03*
Switzerland, Ticino	34	**3.9**	*0.75*	0.32	*0.06*	37	**4.5**	*0.84*	0.34	*0.06*
Switzerland, Valais	21	**2.5**	*0.59*	0.20	*0.05*	18	**2.1**	*0.55*	0.18	*0.05*
Switzerland, Vaud	44	**2.5**	*0.41*	0.21	*0.04*	41	**2.1**	*0.38*	0.18	*0.03*
The Netherlands	1076	**2.5**	*0.08*	0.20	*0.01*	773	**1.9**	*0.07*	0.14	*0.01*
The Netherlands, Eindhoven	74	**2.6**	*0.32*	0.21	*0.03*	54	**2.0**	*0.29*	0.17	*0.02*
The Netherlands, Maastricht	55	**2.2**	*0.32*	0.20	*0.03*	51	**2.3**	*0.35*	0.16	*0.02*
UK, East of England Region	235	**3.3**	*0.23*	0.27	*0.02*	167	**2.2**	*0.19*	0.18	*0.02*
UK, England, Merseyside and Cheshire	135	**2.1**	*0.19*	0.17	*0.02*	133	**2.1**	*0.20*	0.16	*0.01*
UK, England, North Western	319	**2.9**	*0.17*	0.25	*0.01*	191	**1.7**	*0.13*	0.14	*0.01*
UK, England, Northern and Yorkshire	505	**2.9**	*0.14*	0.24	*0.01*	327	**1.8**	*0.11*	0.14	*0.01*
UK, England, Oxford Region	207	**2.8**	*0.20*	0.24	*0.02*	130	**1.9**	*0.17*	0.15	*0.01*
UK, England, South and Western Regions	472	**2.6**	*0.13*	0.21	*0.01*	381	**2.0**	*0.11*	0.16	*0.01*
UK, England, Thames	1049	**2.8**	*0.09*	0.23	*0.01*	742	**1.8**	*0.07*	0.15	*0.01*
UK, England, Trent	318	**2.4**	*0.14*	0.21	*0.01*	221	**1.6**	*0.12*	0.14	*0.01*
UK, England, West Midlands	351	**2.5**	*0.14*	0.21	*0.01*	246	**1.8**	*0.12*	0.14	*0.01*
UK, Northern Ireland	97	**2.1**	*0.22*	0.18	*0.02*	81	**1.7**	*0.19*	0.15	*0.02*
UK, Scotland	333	**2.4**	*0.14*	0.20	*0.01*	301	**2.1**	*0.13*	0.16	*0.01*
Oceania										
Australia, New South Wales	422	**2.3**	*0.12*	0.20	*0.01*	351	**2.0**	*0.11*	0.15	*0.01*
Australia, Northern Territory	14	**2.6**	*0.74*	0.25	*0.08*	6	**1.2**	*0.50*	0.07	*0.03*
Australia, Queensland	183	**1.9**	*0.14*	0.17	*0.01*	151	**1.6**	*0.13*	0.12	*0.01*
Australia, South	94	**2.4**	*0.26*	0.20	*0.02*	62	**1.6**	*0.21*	0.12	*0.02*
Australia, Tasmania	29	**2.3**	*0.44*	0.19	*0.04*	21	**1.4**	*0.33*	0.13	*0.03*
Australia, Victoria	321	**2.5**	*0.14*	0.20	*0.01*	269	**2.0**	*0.13*	0.16	*0.01*
Australia, Western	102	**2.0**	*0.21*	0.16	*0.02*	74	**1.4**	*0.17*	0.11	*0.01*
Australian Capital Territory	15	**1.7**	*0.44*	0.12	*0.03*	13	**1.6**	*0.44*	0.16	*0.05*
French Polynesia	8	**1.4**	*0.53*	0.18	*0.09*	6	**0.9**	*0.37*	0.06	*0.03*
New Zealand	203	**2.0**	*0.14*	0.17	*0.01*	185	**1.7**	*0.13*	0.15	*0.01*
USA, Hawaii	63	**1.8**	*0.23*	0.15	*0.02*	36	**1.0**	*0.19*	0.08	*0.02*
USA, Hawaii: Chinese	3	**1.3**	*0.80*	0.10	*0.06*	1	**0.1**	*0.09*	-	-
USA, Hawaii: Filipino	10	**1.6**	*0.54*	0.17	*0.06*	6	**1.0**	*0.42*	0.08	*0.04*
USA, Hawaii: Hawaiian	10	**1.7**	*0.54*	0.14	*0.05*	9	**1.6**	*0.53*	0.18	*0.07*
USA, Hawaii: Japanese	9	**1.7**	*0.71*	0.14	*0.05*	5	**0.5**	*0.32*	0.03	*0.02*
USA, Hawaii: White	21	**1.9**	*0.44*	0.16	*0.04*	12	**1.6**	*0.51*	0.12	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Non-Hodgkin lymphoma (C82-85,C96)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	130	**5.3**	*0.50*	-	-	96	**3.8**	*0.41*	-	- *
Egypt, Gharbiah	869	**16.9**	*0.62*	-	-	548	**9.9**	*0.44*	-	-
Tunisia, Centre, Sousse	71	**6.7**	*0.83*	-	-	38	**3.7**	*0.61*	-	- *
Uganda, Kyadondo County	150	**6.0**	*0.71*	-	-	128	**4.4**	*0.53*	-	- *
Zimbabwe, Harare: African	248	**7.7**	*0.60*	-	-	190	**6.0**	*0.54*	-	- *
America, Central and South										
Argentina, Bahia Blanca	52	**6.4**	*0.93*	0.60	*0.10*	74	**6.8**	*0.87*	0.69	*0.10*
Brazil, Brasilia	293	**11.9**	*0.77*	1.34	*0.11*	185	**6.8**	*0.54*	0.82	*0.08*
Brazil, Cuiaba	34	**4.3**	*0.80*	0.48	*0.12*	23	**2.9**	*0.62*	0.29	*0.08*
Brazil, Goiania	125	**8.0**	*0.75*	0.75	*0.09*	121	**6.3**	*0.59*	0.71	*0.09*
Brazil, Sao Paulo	2472	**11.4**	*0.24*	1.24	*0.03*	2313	**8.2**	*0.18*	0.90	*0.02*
Chile, Valdivia	47	**5.3**	*0.78*	0.52	*0.10*	42	**4.3**	*0.68*	0.53	*0.10*
Colombia, Cali	363	**9.8**	*0.53*	1.11	*0.08*	372	**8.2**	*0.44*	0.88	*0.06*
Costa Rica	469	**5.9**	*0.28*	0.63	*0.04*	392	**4.8**	*0.25*	0.52	*0.03*
Ecuador, Quito	270	**9.2**	*0.58*	0.96	*0.08*	255	**7.8**	*0.51*	0.88	*0.07*
France, La Martinique	100	**8.8**	*0.91*	1.02	*0.12*	100	**7.2**	*0.77*	0.72	*0.09*
Peru, Trujillo	93	**10.1**	*1.09*	1.21	*0.16*	88	**7.3**	*0.81*	0.83	*0.12**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	11312	**14.4**	*0.14*	1.61	*0.02*	9680	**10.4**	*0.12*	1.18	*0.02*
Canada, Alberta	1179	**13.0**	*0.39*	1.46	*0.05*	992	**9.5**	*0.32*	1.10	*0.05*
Canada, British Columbia	2054	**14.0**	*0.32*	1.54	*0.04*	1622	**9.5**	*0.26*	1.07	*0.03*
Canada, Manitoba	622	**15.1**	*0.64*	1.65	*0.09*	549	**11.2**	*0.54*	1.31	*0.07*
Canada, New Brunswick	390	**14.8**	*0.78*	1.61	*0.10*	360	**11.3**	*0.66*	1.28	*0.09*
Canada, Newfoundland and Labrador	186	**10.7**	*0.81*	1.26	*0.11*	152	**7.7**	*0.66*	0.95	*0.09*
Canada, Northwest Territories	9	**12.7**	*4.45*	1.51	*0.61*	3	**3.9**	*2.38*	0.49	*0.35*
Canada, Nova Scotia	514	**16.0**	*0.73*	1.83	*0.10*	400	**10.2**	*0.56*	1.18	*0.07*
Canada, Ontario	5791	**14.9**	*0.20*	1.67	*0.03*	5113	**11.1**	*0.17*	1.24	*0.02*
Canada, Prince Edward Island	63	**13.9**	*1.82*	1.44	*0.21*	39	**6.7**	*1.19*	0.69	*0.15*
Canada, Saskatchewan	504	**13.7**	*0.65*	1.55	*0.09*	450	**10.6**	*0.57*	1.24	*0.08*
USA, Alabama	1852	**12.9**	*0.31*	1.48	*0.04*	1724	**8.8**	*0.23*	1.02	*0.03*
USA, Alabama: Black	247	**9.0**	*0.59*	1.00	*0.08*	240	**6.3**	*0.43*	0.72	*0.06*
USA, Alabama: White	1580	**13.7**	*0.36*	1.57	*0.05*	1458	**9.4**	*0.28*	1.09	*0.04*
USA, Alaska	256	**16.6**	*1.09*	1.81	*0.15*	180	**11.5**	*0.90*	1.27	*0.12*
USA, Arizona	2238	**12.7**	*0.28*	1.40	*0.04*	1914	**9.4**	*0.24*	1.06	*0.03*
USA, California	15345	**15.0**	*0.13*	1.65	*0.02*	12707	**10.2**	*0.10*	1.16	*0.01*
USA, California: Asian and Pacific Islander	1210	**10.5**	*0.31*	1.10	*0.04*	1009	**7.0**	*0.23*	0.77	*0.03*
USA, California: Black	785	**12.8**	*0.47*	1.42	*0.06*	613	**8.2**	*0.34*	0.92	*0.05*
USA, California: Hispanic White	2413	**13.2**	*0.29*	1.48	*0.04*	1991	**9.7**	*0.23*	1.09	*0.03*
USA, California: Non-Hispanic White	10622	**16.4**	*0.17*	1.81	*0.02*	8842	**11.2**	*0.14*	1.27	*0.02*
USA, California, Greater San Francisco Bay Area	3423	**16.6**	*0.30*	1.81	*0.04*	2740	**10.9**	*0.23*	1.21	*0.03*
USA, California, Greater San Francisco Bay Area: Black	197	**14.3**	*1.05*	1.63	*0.15*	145	**8.5**	*0.74*	0.99	*0.10*
USA, California, Greater San Francisco Bay Area: Chinese	144	**9.5**	*0.85*	1.03	*0.10*	132	**6.9**	*0.67*	0.73	*0.08*
USA, California, Greater San Francisco Bay Area: Filipino	109	**11.8**	*1.16*	1.20	*0.15*	91	**7.1**	*0.78*	0.73	*0.10*
USA, California, Greater San Francisco Bay Area: Japanese	36	**10.8**	*1.97*	1.22	*0.27*	38	**8.0**	*1.58*	0.85	*0.18*
USA, California, Greater San Francisco Bay Area: Hispanic White	349	**13.9**	*0.79*	1.54	*0.12*	319	**11.5**	*0.67*	1.29	*0.10*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	2363	**18.9**	*0.42*	2.06	*0.05*	1838	**12.0**	*0.33*	1.34	*0.04*
USA, California, Los Angeles County	4037	**15.0**	*0.25*	1.64	*0.03*	3274	**9.8**	*0.18*	1.09	*0.03*
USA, California, Los Angeles County: Black	331	**12.8**	*0.71*	1.37	*0.09*	291	**8.4**	*0.51*	0.93	*0.07*
USA, California, Los Angeles County: Chinese	90	**8.0**	*0.88*	0.80	*0.11*	85	**6.1**	*0.72*	0.54	*0.08*
USA, California, Los Angeles County: Filipino	116	**14.7**	*1.40*	1.59	*0.19*	94	**8.6**	*0.93*	1.03	*0.13*
USA, California, Los Angeles County: Japanese	76	**13.5**	*1.82*	1.49	*0.23*	66	**8.5**	*1.21*	1.05	*0.17*
USA, California, Los Angeles County: Korean	42	**7.5**	*1.17*	0.63	*0.14*	27	**3.8**	*0.75*	0.50	*0.12*
USA, California, Los Angeles County: Hispanic White	954	**13.5**	*0.47*	1.51	*0.07*	747	**8.8**	*0.34*	0.98	*0.05*
USA, California, Los Angeles County: Non-Hispanic White	2271	**17.5**	*0.40*	1.91	*0.05*	1853	**11.5**	*0.32*	1.30	*0.04*
USA, Colorado	1803	**14.1**	*0.34*	1.55	*0.05*	1663	**11.1**	*0.29*	1.27	*0.04*
USA, Connecticut	1969	**16.7**	*0.40*	1.88	*0.05*	1779	**11.5**	*0.31*	1.30	*0.04*
USA, Connecticut: Black	90	**11.6**	*1.26*	1.23	*0.16*	89	**9.3**	*1.01*	1.02	*0.13*
USA, Connecticut: White	1852	**17.1**	*0.43*	1.94	*0.06*	1664	**11.7**	*0.33*	1.32	*0.04*
USA, District of Columbia	264	**15.7**	*1.01*	1.64	*0.12*	196	**8.3**	*0.65*	0.92	*0.08*
USA, District of Columbia: Black	172	**16.9**	*1.32*	1.70	*0.15*	108	**7.1**	*0.77*	0.76	*0.09*
USA, District of Columbia: White	80	**13.7**	*1.70*	1.59	*0.23*	78	**10.6**	*1.33*	1.33	*0.21*
USA, Florida	9688	**15.0**	*0.17*	1.60	*0.02*	8470	**10.5**	*0.13*	1.17	*0.02*
USA, Florida: Black	738	**12.6**	*0.47*	1.31	*0.06*	609	**8.7**	*0.36*	0.91	*0.05*
USA, Florida: White	8799	**15.1**	*0.18*	1.62	*0.02*	7752	**10.6**	*0.15*	1.19	*0.02*
USA, Georgia	2930	**12.9**	*0.24*	1.41	*0.03*	2629	**9.0**	*0.19*	1.01	*0.03*
USA, Georgia: Black	562	**10.9**	*0.48*	1.17	*0.06*	489	**7.2**	*0.34*	0.75	*0.04*
USA, Georgia: White	2323	**13.3**	*0.29*	1.46	*0.04*	2089	**9.4**	*0.22*	1.07	*0.03*
USA, Georgia, Atlanta	1054	**14.4**	*0.46*	1.53	*0.06*	872	**9.7**	*0.35*	1.04	*0.05*
USA, Georgia, Atlanta: Black	266	**11.9**	*0.80*	1.27	*0.11*	217	**7.9**	*0.57*	0.83	*0.07*
USA, Georgia, Atlanta: White	764	**15.5**	*0.58*	1.65	*0.08*	626	**10.3**	*0.45*	1.12	*0.06*
USA, Idaho	585	**14.3**	*0.62*	1.59	*0.08*	552	**11.5**	*0.53*	1.39	*0.08*
USA, Illinois	6054	**15.5**	*0.21*	1.72	*0.03*	5491	**10.7**	*0.16*	1.22	*0.02*
USA, Illinois: Black	526	**11.8**	*0.52*	1.28	*0.07*	447	**7.5**	*0.36*	0.84	*0.05*
USA, Illinois: White	5346	**15.9**	*0.23*	1.78	*0.03*	4892	**11.2**	*0.18*	1.28	*0.02*
USA, Indiana	2853	**14.7**	*0.29*	1.69	*0.04*	2649	**10.6**	*0.23*	1.21	*0.03*
USA, Iowa	1595	**15.0**	*0.40*	1.71	*0.05*	1574	**11.1**	*0.33*	1.30	*0.04*
USA, Kentucky	2015	**15.5**	*0.36*	1.77	*0.05*	1915	**11.1**	*0.28*	1.24	*0.04*
USA, Louisiana	1996	**14.7**	*0.34*	1.61	*0.04*	1867	**10.6**	*0.27*	1.20	*0.04*
USA, Louisiana: Black	369	**11.0**	*0.59*	1.20	*0.08*	345	**7.7**	*0.44*	0.84	*0.06*
USA, Louisiana: White	1609	**16.0**	*0.42*	1.74	*0.05*	1509	**11.6**	*0.33*	1.34	*0.04*
USA, Louisiana, New Orleans: Black	124	**12.2**	*1.12*	1.31	*0.15*	108	**8.1**	*0.81*	0.93	*0.11*
USA, Louisiana, New Orleans: White	343	**17.7**	*1.02*	1.92	*0.13*	307	**11.4**	*0.76*	1.29	*0.10*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Non-Hodgkin lymphoma (C82-85,C96) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	715	**15.0**	*0.59*	1.68	*0.08*	679	**11.5**	*0.50*	1.33	*0.07*
USA, Massachusetts	3238	**15.3**	*0.28*	1.69	*0.04*	3122	**11.1**	*0.23*	1.26	*0.03*
USA, Michigan	4891	**15.1**	*0.23*	1.69	*0.03*	4586	**11.2**	*0.18*	1.27	*0.02*
USA, Michigan: Black	419	**12.1**	*0.61*	1.33	*0.08*	390	**8.6**	*0.45*	0.92	*0.06*
USA, Michigan: White	4369	**15.3**	*0.24*	1.72	*0.03*	4097	**11.4**	*0.20*	1.30	*0.03*
USA, Michigan, Detroit	2039	**16.0**	*0.37*	1.79	*0.05*	1881	**11.3**	*0.29*	1.32	*0.04*
USA, Michigan, Detroit: Black	315	**12.6**	*0.73*	1.40	*0.10*	283	**8.2**	*0.51*	0.88	*0.07*
USA, Michigan, Detroit: White	1689	**17.0**	*0.44*	1.90	*0.06*	1571	**12.3**	*0.35*	1.45	*0.05*
USA, Missouri	2859	**15.0**	*0.29*	1.68	*0.04*	2632	**10.6**	*0.23*	1.21	*0.03*
USA, Missouri: Black	167	**11.2**	*0.89*	1.21	*0.12*	170	**8.1**	*0.65*	0.88	*0.09*
USA, Missouri: White	2671	**15.4**	*0.31*	1.72	*0.04*	2437	**10.8**	*0.25*	1.25	*0.03*
USA, Montana	488	**14.5**	*0.69*	1.56	*0.09*	416	**10.9**	*0.60*	1.23	*0.08*
USA, NPCR	109372	**15.0**	*0.05*	1.67	*0.01*	98397	**10.6**	*0.04*	1.21	*0.01*
USA, NPCR: Black	8060	**12.2**	*0.14*	1.31	*0.02*	6768	**7.9**	*0.10*	0.86	*0.01*
USA, NPCR: White	96987	**15.3**	*0.05*	1.70	*0.01*	87949	**10.9**	*0.04*	1.25	*0.01*
USA, New Jersey	4916	**17.5**	*0.26*	1.91	*0.03*	4547	**12.3**	*0.21*	1.38	*0.03*
USA, New Jersey: Black	481	**16.0**	*0.74*	1.67	*0.09*	380	**9.6**	*0.51*	1.00	*0.06*
USA, New Jersey: White	4230	**17.6**	*0.29*	1.93	*0.04*	4019	**12.7**	*0.23*	1.44	*0.03*
USA, New Mexico	711	**12.0**	*0.47*	1.38	*0.06*	636	**8.9**	*0.38*	1.02	*0.05*
USA, New Mexico: American Indian	34	**9.7**	*1.71*	1.13	*0.25*	31	**6.7**	*1.24*	0.71	*0.17*
USA, New Mexico: Hispanic White	186	**10.0**	*0.75*	1.21	*0.11*	148	**6.9**	*0.59*	0.82	*0.08*
USA, New Mexico: Non-Hispanic White	478	**13.5**	*0.67*	1.52	*0.09*	446	**10.4**	*0.56*	1.18	*0.07*
USA, New York State	9967	**16.3**	*0.17*	1.78	*0.02*	9221	**11.4**	*0.13*	1.27	*0.02*
USA, New York State: Black	1084	**15.2**	*0.47*	1.61	*0.06*	901	**9.1**	*0.31*	0.99	*0.04*
USA, New York State: White	8574	**16.7**	*0.19*	1.83	*0.02*	8073	**11.9**	*0.15*	1.35	*0.02*
USA, Ohio	5837	**15.3**	*0.21*	1.76	*0.03*	5333	**10.6**	*0.16*	1.22	*0.02*
USA, Ohio: Black	384	**11.8**	*0.62*	1.32	*0.08*	336	**7.5**	*0.43*	0.83	*0.06*
USA, Ohio: White	5291	**15.4**	*0.22*	1.77	*0.03*	4833	**10.6**	*0.17*	1.23	*0.02*
USA, Oklahoma	1642	**14.1**	*0.36*	1.58	*0.05*	1455	**9.4**	*0.28*	1.07	*0.04*
USA, Oregon	1834	**15.3**	*0.38*	1.66	*0.05*	1637	**11.3**	*0.31*	1.28	*0.04*
USA, Pennsylvania	7425	**16.4**	*0.20*	1.82	*0.03*	6863	**11.4**	*0.16*	1.30	*0.02*
USA, Pennsylvania: Black	447	**13.9**	*0.67*	1.40	*0.08*	348	**8.0**	*0.45*	0.85	*0.06*
USA, Pennsylvania: White	6761	**16.2**	*0.21*	1.81	*0.03*	6338	**11.4**	*0.17*	1.32	*0.02*
USA, Rhode Island	563	**15.5**	*0.70*	1.69	*0.09*	571	**11.4**	*0.56*	1.28	*0.07*
USA, SEER (9 Registries)	13409	**15.8**	*0.14*	1.77	*0.02*	11471	**10.8**	*0.11*	1.22	*0.02*
USA, SEER (9 Registries): Black	933	**12.6**	*0.43*	1.38	*0.06*	776	**8.3**	*0.31*	0.90	*0.04*
USA, SEER (9 Registries): White	11473	**16.5**	*0.16*	1.85	*0.02*	9845	**11.3**	*0.13*	1.30	*0.02*
USA, SEER (14 Registries)	35380	**15.4**	*0.09*	1.70	*0.01*	30766	**10.7**	*0.07*	1.21	*0.01*
USA, SEER (14 Registries): Asian and Pacific Islander	1885	**10.6**	*0.25*	1.12	*0.03*	1562	**7.0**	*0.19*	0.77	*0.03*
USA, SEER (14 Registries): Black	2516	**12.8**	*0.26*	1.39	*0.03*	2062	**8.3**	*0.19*	0.90	*0.02*
USA, SEER (14 Registries): Hispanic White	3246	**13.3**	*0.25*	1.51	*0.04*	2615	**9.6**	*0.20*	1.08	*0.03*
USA, SEER (14 Registries): Non-Hispanic White	27178	**16.3**	*0.11*	1.81	*0.01*	24065	**11.4**	*0.08*	1.31	*0.01*
USA, South Carolina	1701	**13.3**	*0.33*	1.49	*0.04*	1557	**9.4**	*0.26*	1.06	*0.03*
USA, South Carolina: Black	269	**9.3**	*0.58*	0.98	*0.07*	257	**6.7**	*0.44*	0.71	*0.05*
USA, South Carolina: White	1407	**14.4**	*0.40*	1.61	*0.05*	1280	**10.2**	*0.31*	1.16	*0.04*
USA, Texas	8169	**13.8**	*0.16*	1.53	*0.02*	7336	**10.1**	*0.13*	1.16	*0.02*
USA, Texas: Black	654	**11.4**	*0.46*	1.22	*0.06*	570	**8.1**	*0.35*	0.94	*0.05*
USA, Texas: White	7307	**14.0**	*0.17*	1.56	*0.02*	6580	**10.3**	*0.14*	1.18	*0.02*
USA, Utah	878	**15.5**	*0.54*	1.80	*0.08*	654	**9.9**	*0.41*	1.12	*0.06*
USA, Vermont	304	**14.5**	*0.87*	1.63	*0.12*	305	**11.8**	*0.76*	1.32	*0.10*
USA, Washington State	3215	**16.7**	*0.31*	1.88	*0.04*	2684	**11.7**	*0.25*	1.32	*0.03*
USA, Washington, Seattle	2244	**17.1**	*0.38*	1.94	*0.05*	1833	**11.8**	*0.30*	1.35	*0.04*
USA, West Virginia	979	**14.6**	*0.49*	1.66	*0.06*	978	**11.3**	*0.41*	1.32	*0.05*
USA, Wisconsin	2745	**14.9**	*0.30*	1.67	*0.04*	2491	**10.8**	*0.25*	1.21	*0.03*
Asia										
Bahrain: Bahraini	47	**7.1**	*1.08*	0.78	*0.15*	35	**5.6**	*0.98*	0.66	*0.14*
China, Guangzhou City	376	**6.7**	*0.36*	0.72	*0.05*	247	**4.2**	*0.28*	0.44	*0.03**
China, Hong Kong	1685	**8.1**	*0.21*	0.86	*0.03*	1246	**5.3**	*0.16*	0.58	*0.02*
China, Jiashan	37	**3.4**	*0.60*	0.38	*0.07*	19	**1.6**	*0.40*	0.19	*0.05**
China, Nangang District, Harbin City	71	**3.1**	*0.41*	0.33	*0.05*	47	**1.9**	*0.28*	0.21	*0.04*
China, Shanghai	1199	**5.5**	*0.18*	0.61	*0.02*	841	**3.5**	*0.14*	0.38	*0.02**
China, Zhongshan	137	**4.3**	*0.37*	0.44	*0.04*	82	**2.5**	*0.28*	0.24	*0.03**
Cyprus	207	**9.7**	*0.70*	1.11	*0.09*	159	**6.5**	*0.54*	0.74	*0.07**
India, Chennai (Madras)	431	**4.4**	*0.22*	0.46	*0.03*	220	**2.3**	*0.16*	0.22	*0.02*
India, New Delhi	1241	**5.3**	*0.16*	0.61	*0.02*	639	**3.4**	*0.14*	0.37	*0.02**
India, Karunagappally	30	**3.3**	*0.60*	0.32	*0.07*	20	**2.1**	*0.47*	0.22	*0.06*
India, Mumbai (Bombay)	1072	**4.4**	*0.14*	0.47	*0.02*	604	**2.9**	*0.12*	0.31	*0.02*
India, Nagpur	175	**4.0**	*0.31*	0.41	*0.04*	84	**1.9**	*0.22*	0.18	*0.02**
India, Poona	250	**3.7**	*0.25*	0.40	*0.03*	155	**2.4**	*0.20*	0.27	*0.03**
India, Trivandrum	95	**3.5**	*0.37*	0.44	*0.05*	71	**2.3**	*0.28*	0.24	*0.03**
Israel	2778	**17.1**	*0.34*	1.90	*0.04*	2651	**13.7**	*0.28*	1.56	*0.04*
Israel: Jews	2526	**17.5**	*0.36*	1.96	*0.05*	2433	**14.0**	*0.30*	1.59	*0.04*
Israel: Non-Jews	188	**10.0**	*0.79*	1.03	*0.11*	172	**9.1**	*0.73*	0.99	*0.10*
Japan, Aichi Prefecture	183	**4.8**	*0.37*	0.56	*0.05*	149	**3.6**	*0.31*	0.41	*0.04*
Japan, Fukui Prefecture	279	**7.3**	*0.47*	0.82	*0.06*	226	**4.4**	*0.35*	0.48	*0.04*
Japan, Hiroshima	331	**8.8**	*0.51*	0.94	*0.06*	290	**6.1**	*0.40*	0.63	*0.05*
Japan, Miyagi Prefecture	727	**7.4**	*0.29*	0.79	*0.04*	605	**5.2**	*0.24*	0.57	*0.03*
Japan, Nagasaki Prefecture	495	**7.5**	*0.39*	0.81	*0.04*	406	**4.9**	*0.31*	0.50	*0.03*
Japan, Osaka Prefecture	2128	**6.2**	*0.14*	0.67	*0.02*	1614	**3.8**	*0.11*	0.40	*0.01*
Japan, Yamagata Prefecture	343	**5.7**	*0.35*	0.60	*0.04*	305	**3.7**	*0.27*	0.41	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Non-Hodgkin lymphoma (C82-85,C96) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	5102	**5.6**	*0.08*	0.62	*0.01*	3537	**3.3**	*0.06*	0.36	*0.01*
Korea, Busan	417	**4.5**	*0.23*	0.51	*0.03*	334	**3.2**	*0.18*	0.36	*0.02*
Korea, Daegu	320	**5.7**	*0.34*	0.64	*0.05*	224	**3.3**	*0.22*	0.36	*0.03*
Korea, Daejeon	164	**5.6**	*0.46*	0.59	*0.06*	133	**3.8**	*0.34*	0.44	*0.05*
Korea, Gwangju	197	**6.9**	*0.53*	0.81	*0.08*	134	**3.9**	*0.34*	0.43	*0.05*
Korea, Incheon	331	**6.1**	*0.35*	0.66	*0.05*	211	**3.2**	*0.23*	0.34	*0.03*
Korea, Jejudo	37	**4.7**	*0.79*	0.51	*0.10*	33	**3.2**	*0.59*	0.37	*0.08*
Korea, Seoul	1506	**6.8**	*0.19*	0.75	*0.03*	1085	**4.2**	*0.13*	0.46	*0.02*
Korea, Ulsan	82	**4.9**	*0.61*	0.58	*0.09*	48	**2.5**	*0.38*	0.31	*0.06*
Kuwait: Kuwaitis	135	**10.4**	*0.99*	1.16	*0.14*	91	**6.5**	*0.74*	0.72	*0.10*
Kuwait: Non-Kuwaitis	182	**5.1**	*0.71*	0.50	*0.07*	64	**6.5**	*1.15*	0.80	*0.18*
Malaysia, Penang	142	**7.0**	*0.61*	0.79	*0.08*	97	**4.2**	*0.44*	0.46	*0.06*
Malaysia, Sarawak	255	**6.6**	*0.43*	0.71	*0.06*	165	**4.2**	*0.34*	0.48	*0.05*
Oman: Omani	161	**8.2**	*0.68*	0.99	*0.10*	93	**4.4**	*0.51*	0.48	*0.07**
Pakistan, South Karachi	247	**7.6**	*0.53*	0.78	*0.07*	121	**5.1**	*0.51*	0.52	*0.06**
Philippines, Manila	550	**6.8**	*0.33*	0.73	*0.05*	460	**5.1**	*0.25*	0.61	*0.04**
Singapore	684	**8.1**	*0.32*	0.88	*0.04*	464	**5.0**	*0.24*	0.55	*0.03*
Singapore: Chinese	539	**8.1**	*0.36*	0.89	*0.05*	377	**5.0**	*0.27*	0.53	*0.03*
Singapore: Indian	25	**3.3**	*0.71*	0.35	*0.08*	21	**4.0**	*0.91*	0.46	*0.12*
Singapore: Malay	120	**11.9**	*1.13*	1.34	*0.16*	66	**6.6**	*0.84*	0.76	*0.11*
Thailand, Chiang Mai	283	**7.1**	*0.43*	0.74	*0.05*	188	**4.6**	*0.35*	0.49	*0.04**
Thailand, Lampang	131	**6.0**	*0.53*	0.65	*0.06*	105	**4.6**	*0.46*	0.50	*0.06**
Thailand, Songkhla	159	**5.5**	*0.44*	0.62	*0.06*	127	**4.0**	*0.36*	0.44	*0.05*
Turkey, Antalya	164	**5.3**	*0.42*	0.60	*0.06*	124	**3.9**	*0.36*	0.45	*0.05**
Turkey, Izmir	410	**5.0**	*0.25*	0.54	*0.03*	351	**4.1**	*0.22*	0.47	*0.03**
Europe										
Austria	2469	**8.7**	*0.18*	0.92	*0.02*	2439	**6.1**	*0.14*	0.66	*0.02*
Austria, Tyrol	244	**11.1**	*0.75*	1.23	*0.09*	200	**6.9**	*0.54*	0.77	*0.07*
Austria, Vorarlberg	111	**10.1**	*0.98*	1.16	*0.13*	110	**7.9**	*0.82*	0.97	*0.11*
Belarus	1136	**4.2**	*0.13*	0.45	*0.01*	1130	**2.7**	*0.09*	0.31	*0.01**
Belgium, Antwerp	577	**9.0**	*0.40*	0.93	*0.05*	495	**6.0**	*0.31*	0.66	*0.04**
Belgium, Flanders	1983	**11.0**	*0.27*	1.18	*0.03*	1734	**7.8**	*0.22*	0.87	*0.03*
Bulgaria	1106	**4.0**	*0.13*	0.43	*0.01*	876	**2.7**	*0.10*	0.29	*0.01**
Croatia	1041	**7.0**	*0.23*	0.75	*0.03*	964	**5.1**	*0.18*	0.54	*0.02*
Czech Republic	2723	**8.0**	*0.16*	0.88	*0.02*	2579	**5.5**	*0.12*	0.62	*0.01*
Denmark	1961	**9.6**	*0.23*	1.07	*0.03*	1818	**7.4**	*0.19*	0.85	*0.03*
Estonia	305	**7.4**	*0.44*	0.80	*0.05*	335	**5.1**	*0.33*	0.53	*0.03*
Finland	2257	**11.9**	*0.26*	1.28	*0.03*	2296	**8.9**	*0.21*	0.98	*0.03*
France, Bas-Rhin	348	**10.1**	*0.56*	1.10	*0.07*	331	**7.1**	*0.44*	0.78	*0.06*
France, Calvados	219	**9.3**	*0.67*	0.97	*0.08*	187	**6.3**	*0.52*	0.75	*0.07*
France, Doubs	207	**11.8**	*0.85*	1.32	*0.11*	161	**6.8**	*0.60*	0.78	*0.08*
France, Haut-Rhin	273	**11.4**	*0.72*	1.22	*0.09*	241	**7.6**	*0.55*	0.87	*0.07*
France, Herault	355	**10.7**	*0.61*	1.15	*0.07*	325	**7.8**	*0.50*	0.81	*0.06*
France, Isere	397	**10.7**	*0.56*	1.14	*0.07*	347	**7.5**	*0.45*	0.86	*0.06*
France, Loire-Atlantique	519	**13.0**	*0.60*	1.41	*0.08*	454	**8.7**	*0.46*	0.99	*0.06*
France, Manche	189	**9.3**	*0.74*	1.01	*0.09*	150	**5.5**	*0.54*	0.62	*0.07*
France, Somme	206	**10.9**	*0.81*	1.20	*0.10*	173	**6.8**	*0.59*	0.80	*0.08*
France, Tarn	138	**8.1**	*0.81*	0.87	*0.10*	112	**6.3**	*0.73*	0.68	*0.08*
France, Vendee	303	**12.3**	*0.77*	1.41	*0.10*	220	**7.6**	*0.60*	0.92	*0.08*
Germany, Brandenburg	894	**9.5**	*0.34*	1.06	*0.04*	840	**6.6**	*0.27*	0.73	*0.03*
Germany, Free State of Saxony	1422	**8.0**	*0.23*	0.89	*0.03*	1507	**5.8**	*0.18*	0.65	*0.02*
Germany, Hamburg	679	**10.7**	*0.44*	1.09	*0.05*	727	**8.0**	*0.35*	0.87	*0.04*
Germany, Mecklenburg-Western Pomerania	600	**9.3**	*0.39*	1.05	*0.05*	626	**7.0**	*0.31*	0.81	*0.04*
Germany, Munich	757	**8.6**	*0.33*	0.92	*0.04*	720	**5.8**	*0.25*	0.61	*0.03*
Germany, Northrhine-Westphalia: Munster	908	**9.3**	*0.33*	0.98	*0.04*	836	**6.5**	*0.26*	0.75	*0.03*
Germany, Saarland	468	**10.7**	*0.53*	1.15	*0.06*	466	**7.9**	*0.43*	0.88	*0.05*
Iceland	98	**10.8**	*1.14*	1.11	*0.14*	64	**6.5**	*0.87*	0.73	*0.11*
Ireland	1289	**11.2**	*0.32*	1.24	*0.04*	1068	**8.1**	*0.26*	0.95	*0.04*
Italy, Biella Province	94	**11.0**	*1.26*	1.15	*0.14*	107	**8.7**	*0.98*	1.06	*0.13*
Italy, Brescia Province	366	**15.7**	*0.86*	1.67	*0.10*	329	**10.6**	*0.68*	1.21	*0.08*
Italy, Ferrara Province	242	**14.7**	*1.09*	1.66	*0.12*	203	**8.9**	*0.76*	1.02	*0.09*
Italy, Florence and Prato	701	**14.2**	*0.62*	1.51	*0.07*	578	**9.0**	*0.47*	0.98	*0.05*
Italy, Genoa Province	314	**12.9**	*0.88*	1.38	*0.09*	333	**9.5**	*0.69*	1.05	*0.07*
Italy, Macerata Province	110	**12.3**	*1.28*	1.44	*0.17*	76	**7.4**	*1.06*	0.78	*0.12*
Italy, Milan	648	**14.6**	*0.66*	1.56	*0.07*	608	**9.2**	*0.44*	1.07	*0.05*
Italy, Modena Province	432	**15.9**	*0.87*	1.72	*0.10*	347	**10.6**	*0.71*	1.14	*0.08*
Italy, Naples	173	**11.7**	*0.90*	1.26	*0.11*	174	**10.0**	*0.79*	1.11	*0.10*
Italy, North East Cancer Surveillance Network	1194	**14.1**	*0.45*	1.51	*0.05*	1190	**10.8**	*0.38*	1.19	*0.04*
Italy, Parma Province	265	**14.3**	*1.03*	1.61	*0.12*	285	**12.9**	*0.99*	1.40	*0.10*
Italy, Ragusa Province	84	**7.9**	*0.95*	0.79	*0.10*	92	**7.0**	*0.81*	0.79	*0.10*
Italy, Reggio Emilia Province	300	**15.8**	*1.03*	1.80	*0.12*	277	**11.5**	*0.86*	1.30	*0.10*
Italy, Romagna Region	661	**14.4**	*0.63*	1.65	*0.08*	537	**9.2**	*0.49*	1.05	*0.06*
Italy, Salerno Province	333	**11.1**	*0.65*	1.16	*0.07*	314	**8.9**	*0.57*	0.95	*0.06*
Italy, Sassari Province	209	**12.1**	*0.89*	1.31	*0.11*	165	**8.0**	*0.68*	0.92	*0.08*
Italy, Syracuse Province	109	**8.9**	*0.91*	1.08	*0.12*	86	**7.2**	*0.90*	0.77	*0.09*
Italy, Sondrio	88	**12.0**	*1.32*	1.40	*0.18*	92	**10.3**	*1.20*	1.26	*0.16*
Italy, Torino	570	**14.2**	*0.66*	1.53	*0.08*	487	**9.5**	*0.55*	1.06	*0.06*
Italy, Umbria Region	409	**11.1**	*0.64*	1.18	*0.07*	408	**8.7**	*0.55*	0.94	*0.06*
Italy, Varese Province	323	**18.1**	*1.10*	1.81	*0.12*	293	**11.8**	*0.85*	1.27	*0.09*
Italy, Veneto Region	882	**14.0**	*0.52*	1.55	*0.06*	854	**9.7**	*0.40*	1.08	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Non-Hodgkin lymphoma (C82-85,C96) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	380	**5.4**	*0.28*	0.57	*0.03*	386	**3.6**	*0.21*	0.41	*0.02*
Lithuania	570	**5.6**	*0.24*	0.58	*0.03*	571	**3.8**	*0.18*	0.44	*0.02*
Malta	133	**10.5**	*0.95*	1.00	*0.11*	111	**7.6**	*0.78*	0.84	*0.09*
Norway	1777	**10.8**	*0.27*	1.19	*0.04*	1645	**8.0**	*0.23*	0.92	*0.03*
Poland, Cracow	154	**6.6**	*0.57*	0.77	*0.07*	150	**4.5**	*0.40*	0.57	*0.05**
Poland, Kielce	266	**6.6**	*0.42*	0.77	*0.05*	202	**3.7**	*0.29*	0.41	*0.03*
Poland, Warsaw City	353	**6.2**	*0.36*	0.67	*0.04*	337	**4.1**	*0.25*	0.50	*0.03*
Portugal, Porto	848	**8.7**	*0.32*	0.93	*0.04*	701	**5.7**	*0.24*	0.63	*0.03**
Portugal, South Regional	1031	**10.8**	*0.37*	1.13	*0.04*	970	**7.8**	*0.29*	0.86	*0.03*
Russia, St Petersburg	624	**4.8**	*0.20*	0.51	*0.02*	646	**2.9**	*0.13*	0.33	*0.01*
Serbia	769	**5.0**	*0.20*	0.54	*0.02*	669	**3.8**	*0.17*	0.40	*0.02*
Slovak Republic	989	**6.4**	*0.21*	0.71	*0.03*	951	**4.7**	*0.17*	0.53	*0.02*
Slovenia	539	**8.3**	*0.38*	0.86	*0.04*	555	**6.0**	*0.28*	0.66	*0.03*
Spain, Albacete	62	**6.4**	*0.87*	0.69	*0.10*	75	**6.2**	*0.81*	0.77	*0.10*
Spain, Asturias	467	**10.2**	*0.54*	1.05	*0.06*	457	**7.8**	*0.43*	0.89	*0.05*
Spain, Basque Country	661	**10.7**	*0.46*	1.11	*0.05*	597	**7.3**	*0.34*	0.78	*0.04*
Spain, Canary Islands	583	**13.1**	*0.56*	1.41	*0.07*	527	**10.1**	*0.47*	1.13	*0.06*
Spain, Cuenca	53	**5.7**	*0.97*	0.60	*0.10*	31	**4.1**	*1.03*	0.41	*0.08*
Spain, Girona	259	**12.1**	*0.82*	1.34	*0.10*	216	**9.3**	*0.71*	1.09	*0.09*
Spain, Granada	243	**8.9**	*0.61*	0.98	*0.07*	202	**6.0**	*0.48*	0.66	*0.05*
Spain, Murcia	363	**9.8**	*0.55*	1.03	*0.06*	317	**7.3**	*0.45*	0.79	*0.05*
Spain, Navarra	230	**10.8**	*0.80*	1.13	*0.09*	203	**7.5**	*0.60*	0.88	*0.08*
Spain, Tarragona	220	**12.5**	*0.95*	1.33	*0.10*	180	**8.4**	*0.73*	0.91	*0.08*
Spain, Zaragoza	295	**9.3**	*0.62*	0.93	*0.06*	262	**6.4**	*0.49*	0.66	*0.05*
Sweden	3659	**9.7**	*0.18*	1.10	*0.02*	3183	**6.8**	*0.14*	0.79	*0.02*
Switzerland, Geneva	195	**13.6**	*1.03*	1.48	*0.13*	148	**7.8**	*0.72*	0.88	*0.09*
Switzerland, Graubunden and Glarus	74	**8.4**	*1.04*	0.89	*0.13*	83	**7.8**	*0.98*	0.88	*0.13*
Switzerland, Neuchatel	82	**12.8**	*1.54*	1.48	*0.20*	54	**6.4**	*1.01*	0.77	*0.13*
Switzerland, St Gall-Appenzell	192	**10.2**	*0.79*	1.09	*0.10*	156	**7.0**	*0.62*	0.80	*0.08*
Switzerland, Ticino	176	**14.6**	*1.22*	1.60	*0.15*	176	**11.1**	*1.02*	1.26	*0.12*
Switzerland, Valais	112	**11.1**	*1.12*	1.20	*0.14*	83	**6.8**	*0.81*	0.87	*0.11*
Switzerland, Vaud	287	**12.6**	*0.80*	1.43	*0.10*	272	**8.9**	*0.62*	0.92	*0.07*
The Netherlands	5935	**10.6**	*0.14*	1.16	*0.02*	5014	**7.3**	*0.11*	0.83	*0.01*
The Netherlands, Eindhoven	356	**10.0**	*0.55*	1.12	*0.07*	289	**7.2**	*0.46*	0.79	*0.06*
The Netherlands, Maastricht	287	**8.7**	*0.55*	0.90	*0.06*	264	**6.6**	*0.45*	0.77	*0.06*
UK, East of England Region	1168	**10.5**	*0.33*	1.17	*0.04*	1055	**7.9**	*0.28*	0.90	*0.04*
UK, England, Merseyside and Cheshire	1005	**11.2**	*0.38*	1.21	*0.05*	877	**7.7**	*0.30*	0.87	*0.04*
UK, England, North Western	1633	**10.7**	*0.28*	1.20	*0.04*	1438	**7.4**	*0.22*	0.83	*0.03*
UK, England, Northern and Yorkshire	2551	**10.2**	*0.22*	1.15	*0.03*	2389	**7.6**	*0.18*	0.85	*0.02*
UK, England, Oxford Region	1053	**10.9**	*0.35*	1.23	*0.05*	901	**7.8**	*0.29*	0.87	*0.04*
UK, England, South and Western Regions	3625	**13.3**	*0.24*	1.49	*0.03*	3190	**9.4**	*0.19*	1.07	*0.02*
UK, England, Thames	5683	**11.6**	*0.16*	1.26	*0.02*	4990	**7.9**	*0.13*	0.89	*0.02*
UK, England, Trent	1946	**10.3**	*0.25*	1.15	*0.03*	1799	**7.8**	*0.21*	0.88	*0.03*
UK, England, West Midlands	2087	**10.5**	*0.24*	1.17	*0.03*	1818	**7.6**	*0.20*	0.85	*0.02*
UK, Northern Ireland	617	**11.4**	*0.48*	1.31	*0.06*	681	**9.9**	*0.42*	1.13	*0.05*
UK, Scotland	2056	**11.0**	*0.26*	1.22	*0.03*	2127	**8.6**	*0.21*	0.98	*0.03*
Oceania										
Australia, New South Wales	3166	**14.0**	*0.26*	1.55	*0.03*	2640	**9.8**	*0.21*	1.11	*0.03*
Australia, Northern Territory	42	**8.6**	*1.39*	0.89	*0.16*	28	**6.9**	*1.40*	0.69	*0.18*
Australia, Queensland	1598	**13.1**	*0.34*	1.39	*0.04*	1305	**9.8**	*0.29*	1.08	*0.04*
Australia, South	912	**16.6**	*0.58*	1.84	*0.07*	798	**12.1**	*0.48*	1.36	*0.06*
Australia, Tasmania	252	**14.7**	*0.98*	1.61	*0.12*	208	**10.2**	*0.78*	1.16	*0.10*
Australia, Victoria	2533	**15.3**	*0.32*	1.69	*0.04*	2206	**11.0**	*0.26*	1.21	*0.03*
Australia, Western	832	**13.6**	*0.49*	1.45	*0.06*	627	**9.0**	*0.39*	1.06	*0.05*
Australian Capital Territory	131	**14.9**	*1.34*	1.66	*0.19*	118	**11.7**	*1.14*	1.34	*0.16*
French Polynesia	42	**8.6**	*1.37*	0.94	*0.18*	31	**6.4**	*1.20*	0.71	*0.17*
New Zealand	1550	**12.3**	*0.32*	1.37	*0.04*	1434	**9.6**	*0.28*	1.13	*0.04*
USA, Hawaii	545	**12.4**	*0.57*	1.32	*0.07*	441	**8.7**	*0.46*	0.95	*0.06*
USA, Hawaii: Chinese	56	**13.9**	*2.12*	1.51	*0.28*	32	**7.5**	*1.46*	0.96	*0.21*
USA, Hawaii: Filipino	79	**10.9**	*1.32*	1.26	*0.18*	59	**7.4**	*1.01*	0.80	*0.14*
USA, Hawaii: Hawaiian	69	**13.4**	*1.65*	1.55	*0.24*	47	**8.0**	*1.19*	0.82	*0.15*
USA, Hawaii: Japanese	135	**11.1**	*1.29*	1.17	*0.14*	140	**7.6**	*0.81*	0.83	*0.10*
USA, Hawaii: White	159	**13.6**	*1.18*	1.36	*0.14*	127	**11.2**	*1.10*	1.24	*0.14*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Immunoproliferative diseases (C88)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	0	-	-	-	-	0	-	-	-	- *
Egypt, Gharbiah	1	**0.0**	*0.01*	-	-	3	**0.0**	*0.02*	-	-
Tunisia, Centre, Sousse	1	**0.1**	*0.13*	-	-	0	-	-	-	- *
Uganda, Kyadondo County	0	-	-	-	-	0	-	-	-	- *
Zimbabwe, Harare: African	0	-	-	-	-	0	-	-	-	- *
America, Central and South										
Argentina, Bahia Blanca	0	-	-	-	-	0	-	-	-	-
Brazil, Brasilia	0	-	-	-	-	1	**0.0**	*0.02*	0.00	*0.00*
Brazil, Cuiaba	0	-	-	-	-	0	-	-	-	-
Brazil, Goiania	0	-	-	-	-	0	-	-	-	-
Brazil, Sao Paulo	10	**0.0**	*0.02*	0.00	*0.00*	14	**0.0**	*0.01*	0.01	*0.00*
Chile, Valdivia	0	-	-	-	-	0	-	-	-	-
Colombia, Cali	0	-	-	-	-	0	-	-	-	-
Costa Rica	2	**0.0**	*0.02*	0.00	*0.00*	0	-	-	-	-
Ecuador, Quito	0	-	-	-	-	0	-	-	-	-
France, La Martinique	2	**0.2**	*0.12*	0.04	*0.03*	0	-	-	-	-
Peru, Trujillo	0	-	-	-	-	0	-	-	-	- *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	207	**0.2**	*0.02*	0.03	*0.00*	132	**0.1**	*0.01*	0.01	*0.00*
Canada, Alberta	31	**0.3**	*0.06*	0.05	*0.01*	19	**0.2**	*0.04*	0.02	*0.01*
Canada, British Columbia	11	**0.1**	*0.02*	0.01	*0.00*	2	**0.0**	*0.00*	-	-
Canada, Manitoba	29	**0.6**	*0.12*	0.08	*0.02*	21	**0.3**	*0.08*	0.03	*0.01*
Canada, New Brunswick	10	**0.3**	*0.10*	0.02	*0.01*	9	**0.2**	*0.06*	0.01	*0.01*
Canada, Newfoundland and Labrador	7	**0.4**	*0.14*	0.04	*0.02*	2	**0.1**	*0.05*	0.01	*0.01*
Canada, Northwest Territories	0	-	-	-	-	0	-	-	-	-
Canada, Nova Scotia	19	**0.5**	*0.12*	0.07	*0.02*	8	**0.2**	*0.07*	0.01	*0.01*
Canada, Ontario	76	**0.2**	*0.02*	0.02	*0.00*	58	**0.1**	*0.02*	0.01	*0.00*
Canada, Prince Edward Island	2	**0.4**	*0.29*	0.07	*0.05*	2	**0.4**	*0.32*	0.08	*0.05*
Canada, Saskatchewan	22	**0.5**	*0.12*	0.05	*0.02*	11	**0.1**	*0.05*	0.01	*0.01*
USA, Alabama	12	**0.1**	*0.02*	0.01	*0.00*	15	**0.1**	*0.02*	0.01	*0.00*
USA, Alabama: Black	1	**0.0**	*0.04*	0.01	*0.01*	3	**0.1**	*0.06*	0.01	*0.01*
USA, Alabama: White	11	**0.1**	*0.03*	0.01	*0.00*	12	**0.1**	*0.02*	0.01	*0.00*
USA, Alaska	4	**0.3**	*0.16*	0.06	*0.03*	1	**0.1**	*0.10*	0.02	*0.02*
USA, Arizona	27	**0.1**	*0.03*	0.02	*0.00*	16	**0.1**	*0.02*	0.01	*0.00*
USA, California	374	**0.3**	*0.02*	0.04	*0.00*	206	**0.1**	*0.01*	0.02	*0.00*
USA, California: Asian and Pacific Islander	17	**0.1**	*0.03*	0.01	*0.00*	7	**0.0**	*0.02*	0.00	*0.00*
USA, California: Black	9	**0.1**	*0.05*	0.01	*0.01*	8	**0.1**	*0.03*	0.01	*0.00*
USA, California: Hispanic White	29	**0.2**	*0.04*	0.02	*0.01*	13	**0.1**	*0.02*	0.01	*0.00*
USA, California: Non-Hispanic White	305	**0.4**	*0.03*	0.05	*0.00*	174	**0.2**	*0.02*	0.02	*0.00*
USA, California, Greater San Francisco Bay Area	93	**0.4**	*0.05*	0.05	*0.01*	55	**0.2**	*0.03*	0.02	*0.00*
USA, California, Greater San Francisco Bay Area: Black	4	**0.2**	*0.12*	0.01	*0.01*	2	**0.1**	*0.07*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Chinese	1	**0.1**	*0.06*	0.01	*0.01*	2	**0.1**	*0.09*	0.02	*0.01*
USA, California, Greater San Francisco Bay Area: Filipino	3	**0.3**	*0.18*	0.02	*0.02*	1	**0.1**	*0.10*	0.02	*0.02*
USA, California, Greater San Francisco Bay Area: Japanese	0	-	-	-	-	0	-	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	5	**0.3**	*0.13*	0.05	*0.02*	3	**0.1**	*0.07*	0.02	*0.01*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	75	**0.5**	*0.06*	0.06	*0.01*	45	**0.2**	*0.04*	0.02	*0.01*
USA, California, Los Angeles County	82	**0.3**	*0.04*	0.04	*0.01*	47	**0.1**	*0.02*	0.02	*0.00*
USA, California, Los Angeles County: Black	3	**0.1**	*0.07*	0.01	*0.01*	3	**0.0**	*0.02*	-	-
USA, California, Los Angeles County: Chinese	2	**0.2**	*0.15*	0.02	*0.02*	1	**0.0**	*0.04*	-	-
USA, California, Los Angeles County: Filipino	1	**0.1**	*0.08*	-	-	0	-	-	-	-
USA, California, Los Angeles County: Japanese	1	**0.1**	*0.14*	-	-	1	**0.1**	*0.05*	-	-
USA, California, Los Angeles County: Korean	0	-	-	-	-	0	-	-	-	-
USA, California, Los Angeles County: Hispanic White	9	**0.2**	*0.06*	0.02	*0.01*	4	**0.1**	*0.03*	0.01	*0.00*
USA, California, Los Angeles County: Non-Hispanic White	65	**0.5**	*0.06*	0.06	*0.01*	37	**0.2**	*0.04*	0.03	*0.01*
USA, Colorado	36	**0.3**	*0.05*	0.03	*0.01*	24	**0.1**	*0.03*	0.02	*0.00*
USA, Connecticut	40	**0.3**	*0.05*	0.03	*0.01*	22	**0.1**	*0.03*	0.02	*0.00*
USA, Connecticut: Black	0	-	-	-	-	0	-	-	-	-
USA, Connecticut: White	40	**0.3**	*0.06*	0.03	*0.01*	21	**0.1**	*0.03*	0.02	*0.00*
USA, District of Columbia	7	**0.4**	*0.16*	0.07	*0.03*	2	**0.1**	*0.07*	0.01	*0.01*
USA, District of Columbia: Black	3	**0.3**	*0.15*	0.04	*0.03*	2	**0.2**	*0.12*	0.02	*0.01*
USA, District of Columbia: White	4	**0.7**	*0.37*	0.12	*0.07*	0	-	-	-	-
USA, Florida	178	**0.2**	*0.02*	0.03	*0.00*	131	**0.1**	*0.01*	0.01	*0.00*
USA, Florida: Black	8	**0.1**	*0.05*	0.02	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
USA, Florida: White	168	**0.2**	*0.02*	0.03	*0.00*	128	**0.1**	*0.01*	0.02	*0.00*
USA, Georgia	25	**0.1**	*0.02*	0.01	*0.00*	20	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia: Black	1	**0.0**	*0.02*	0.00	*0.00*	2	**0.0**	*0.02*	0.00	*0.00*
USA, Georgia: White	24	**0.1**	*0.03*	0.01	*0.00*	18	**0.1**	*0.02*	0.01	*0.00*
USA, Georgia, Atlanta	10	**0.2**	*0.05*	0.01	*0.01*	6	**0.1**	*0.03*	0.01	*0.00*
USA, Georgia, Atlanta: Black	1	**0.0**	*0.04*	0.00	*0.00*	2	**0.1**	*0.05*	0.00	*0.00*
USA, Georgia, Atlanta: White	9	**0.2**	*0.07*	0.01	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
USA, Idaho	16	**0.3**	*0.09*	0.04	*0.01*	11	**0.2**	*0.08*	0.04	*0.01*
USA, Illinois	110	**0.3**	*0.03*	0.03	*0.00*	76	**0.1**	*0.02*	0.01	*0.00*
USA, Illinois: Black	4	**0.1**	*0.05*	0.01	*0.01*	3	**0.1**	*0.03*	0.00	*0.00*
USA, Illinois: White	103	**0.3**	*0.03*	0.03	*0.00*	71	**0.1**	*0.02*	0.02	*0.00*
USA, Indiana	38	**0.2**	*0.03*	0.02	*0.00*	26	**0.1**	*0.02*	0.01	*0.00*
USA, Iowa	42	**0.3**	*0.05*	0.03	*0.01*	19	**0.1**	*0.03*	0.01	*0.00*
USA, Kentucky	23	**0.2**	*0.03*	0.02	*0.01*	15	**0.1**	*0.02*	0.01	*0.00*
USA, Louisiana	26	**0.2**	*0.04*	0.02	*0.01*	12	**0.1**	*0.02*	0.01	*0.00*
USA, Louisiana: Black	1	**0.0**	*0.02*	-	-	3	**0.0**	*0.02*	-	-
USA, Louisiana: White	25	**0.2**	*0.05*	0.03	*0.01*	9	**0.1**	*0.02*	0.01	*0.00*
USA, Louisiana, New Orleans: Black	0	-	-	-	-	0	-	-	-	-
USA, Louisiana, New Orleans: White	5	**0.2**	*0.07*	0.01	*0.01*	5	**0.1**	*0.08*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Immunoproliferative diseases (C88) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	33	**0.7**	*0.13*	0.09	*0.02*	19	**0.3**	*0.07*	0.03	*0.01*
USA, Massachusetts	86	**0.4**	*0.04*	0.04	*0.01*	68	**0.2**	*0.02*	0.02	*0.00*
USA, Michigan	89	**0.2**	*0.03*	0.02	*0.00*	82	**0.2**	*0.02*	0.03	*0.00*
USA, Michigan: Black	7	**0.2**	*0.08*	0.03	*0.01*	9	**0.2**	*0.06*	0.02	*0.01*
USA, Michigan: White	76	**0.2**	*0.03*	0.02	*0.00*	66	**0.2**	*0.03*	0.03	*0.00*
USA, Michigan, Detroit	40	**0.3**	*0.05*	0.03	*0.01*	36	**0.2**	*0.04*	0.03	*0.01*
USA, Michigan, Detroit: Black	4	**0.2**	*0.09*	0.02	*0.01*	3	**0.1**	*0.05*	0.02	*0.01*
USA, Michigan, Detroit: White	35	**0.3**	*0.05*	0.04	*0.01*	32	**0.2**	*0.05*	0.03	*0.01*
USA, Missouri	36	**0.2**	*0.03*	0.01	*0.00*	32	**0.1**	*0.02*	0.01	*0.00*
USA, Missouri: Black	0	**-**	-	-	-	5	**0.2**	*0.10*	0.01	*0.01*
USA, Missouri: White	36	**0.2**	*0.03*	0.01	*0.00*	27	**0.1**	*0.02*	0.01	*0.00*
USA, Montana	10	**0.3**	*0.09*	0.03	*0.01*	7	**0.1**	*0.04*	0.00	*0.00*
USA, NPCR	1952	**0.2**	*0.01*	0.03	*0.00*	1331	**0.1**	*0.00*	0.01	*0.00*
USA, NPCR: Black	73	**0.1**	*0.01*	0.01	*0.00*	66	**0.1**	*0.01*	0.01	*0.00*
USA, NPCR: White	1798	**0.3**	*0.01*	0.03	*0.00*	1216	**0.1**	*0.00*	0.02	*0.00*
USA, New Jersey	110	**0.4**	*0.04*	0.05	*0.01*	58	**0.1**	*0.02*	0.02	*0.00*
USA, New Jersey: Black	5	**0.2**	*0.08*	0.02	*0.01*	3	**0.1**	*0.04*	0.01	*0.00*
USA, New Jersey: White	102	**0.4**	*0.04*	0.05	*0.01*	54	**0.2**	*0.02*	0.02	*0.00*
USA, New Mexico	18	**0.3**	*0.07*	0.03	*0.01*	11	**0.2**	*0.05*	0.02	*0.01*
USA, New Mexico: American Indian	0	**-**	-	-	-	0	**-**	-	-	-
USA, New Mexico: Hispanic White	1	**0.1**	*0.05*	0.00	*0.00*	2	**0.1**	*0.07*	0.01	*0.01*
USA, New Mexico: Non-Hispanic White	17	**0.5**	*0.12*	0.05	*0.02*	9	**0.2**	*0.07*	0.02	*0.01*
USA, New York State	174	**0.3**	*0.02*	0.03	*0.00*	150	**0.2**	*0.02*	0.02	*0.00*
USA, New York State: Black	7	**0.1**	*0.04*	0.01	*0.01*	7	**0.1**	*0.03*	0.01	*0.01*
USA, New York State: White	162	**0.3**	*0.02*	0.03	*0.00*	142	**0.2**	*0.02*	0.02	*0.00*
USA, Ohio	76	**0.2**	*0.02*	0.02	*0.00*	46	**0.1**	*0.01*	0.01	*0.00*
USA, Ohio: Black	2	**0.1**	*0.04*	0.01	*0.01*	0	**-**	-	-	-
USA, Ohio: White	71	**0.2**	*0.02*	0.02	*0.00*	45	**0.1**	*0.01*	0.01	*0.00*
USA, Oklahoma	16	**0.1**	*0.03*	0.01	*0.00*	9	**0.1**	*0.02*	0.01	*0.00*
USA, Oregon	33	**0.2**	*0.04*	0.02	*0.01*	17	**0.1**	*0.03*	0.01	*0.00*
USA, Pennsylvania	141	**0.3**	*0.03*	0.04	*0.00*	106	**0.2**	*0.02*	0.02	*0.00*
USA, Pennsylvania: Black	6	**0.2**	*0.07*	0.01	*0.01*	4	**0.1**	*0.05*	0.01	*0.00*
USA, Pennsylvania: White	132	**0.3**	*0.03*	0.04	*0.00*	94	**0.1**	*0.02*	0.02	*0.00*
USA, Rhode Island	6	**0.1**	*0.07*	0.02	*0.01*	6	**0.1**	*0.03*	0.01	*0.01*
USA, SEER (9 Registries)	280	**0.3**	*0.02*	0.03	*0.00*	180	**0.2**	*0.01*	0.02	*0.00*
USA, SEER (9 Registries): Black	8	**0.1**	*0.04*	0.01	*0.00*	7	**0.1**	*0.03*	0.01	*0.00*
USA, SEER (9 Registries): White	258	**0.3**	*0.02*	0.04	*0.00*	164	**0.2**	*0.01*	0.02	*0.00*
USA, SEER (14 Registries)	759	**0.3**	*0.01*	0.04	*0.00*	433	**0.1**	*0.01*	0.02	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	27	**0.1**	*0.03*	0.02	*0.00*	13	**0.1**	*0.02*	0.00	*0.00*
USA, SEER (14 Registries): Black	22	**0.1**	*0.03*	0.01	*0.00*	20	**0.1**	*0.02*	0.01	*0.00*
USA, SEER (14 Registries): Hispanic White	37	**0.2**	*0.03*	0.02	*0.00*	19	**0.1**	*0.02*	0.01	*0.00*
USA, SEER (14 Registries): Non-Hispanic White	658	**0.4**	*0.01*	0.04	*0.00*	375	**0.2**	*0.01*	0.02	*0.00*
USA, South Carolina	18	**0.1**	*0.03*	0.02	*0.01*	19	**0.1**	*0.02*	0.01	*0.00*
USA, South Carolina: Black	3	**0.1**	*0.06*	0.01	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
USA, South Carolina: White	15	**0.2**	*0.04*	0.02	*0.01*	13	**0.1**	*0.02*	0.01	*0.00*
USA, Texas	119	**0.2**	*0.02*	0.02	*0.00*	77	**0.1**	*0.01*	0.01	*0.00*
USA, Texas: Black	6	**0.1**	*0.05*	0.01	*0.01*	8	**0.1**	*0.05*	0.02	*0.01*
USA, Texas: White	107	**0.2**	*0.02*	0.02	*0.00*	68	**0.1**	*0.01*	0.01	*0.00*
USA, Utah	13	**0.2**	*0.07*	0.02	*0.01*	13	**0.2**	*0.05*	0.02	*0.01*
USA, Vermont	8	**0.4**	*0.13*	0.04	*0.02*	6	**0.2**	*0.10*	0.03	*0.02*
USA, Washington State	75	**0.4**	*0.04*	0.05	*0.01*	46	**0.2**	*0.03*	0.03	*0.00*
USA, Washington, Seattle	50	**0.4**	*0.06*	0.05	*0.01*	29	**0.2**	*0.04*	0.02	*0.01*
USA, West Virginia	13	**0.2**	*0.05*	0.02	*0.01*	9	**0.1**	*0.04*	0.02	*0.01*
USA, Wisconsin	64	**0.3**	*0.04*	0.03	*0.01*	41	**0.2**	*0.03*	0.02	*0.00*
Asia										
Bahrain: Bahraini	0	**-**	-	-	-	0	**-**	-	-	-
China, Guangzhou City	0	**-**	-	-	-	0	**-**	-	-	- *
China, Hong Kong										
China, Jiashan	0	**-**	-	-	-	0	**-**	-	-	- *
China, Nangang District, Harbin City	0	**-**	-	-	-	0	**-**	-	-	-
China, Shanghai	1	**0.0**	*0.00*	0.00	*0.00*	0	**-**	-	-	- *
China, Zhongshan	0	**-**	-	-	-	0	**-**	-	-	- *
Cyprus	0	**-**	-	-	-	0	**-**	-	-	- *
India, Chennai (Madras)	0	**-**	-	-	-	0	**-**	-	-	-
India, New Delhi	0	**-**	-	-	-	0	**-**	-	-	- *
India, Karunagappally	0	**-**	-	-	-	0	**-**	-	-	-
India, Mumbai (Bombay)	0	**-**	-	-	-	0	**-**	-	-	-
India, Nagpur	0	**-**	-	-	-	0	**-**	-	-	- *
India, Poona	0	**-**	-	-	-	0	**-**	-	-	- *
India, Trivandrum	0	**-**	-	-	-	0	**-**	-	-	- *
Israel	20	**0.1**	*0.03*	0.01	*0.00*	10	**0.0**	*0.01*	0.00	*0.00*
Israel: Jews	19	**0.1**	*0.03*	0.01	*0.00*	10	**0.0**	*0.01*	0.00	*0.00*
Israel: Non-Jews	1	**0.1**	*0.08*	0.01	*0.01*	0	**-**	-	-	-
Japan, Aichi Prefecture	0	**-**	-	-	-	2	**0.0**	*0.03*	0.01	*0.01*
Japan, Fukui Prefecture	3	**0.1**	*0.03*	0.00	*0.00*	1	**0.0**	*0.02*	0.00	*0.00*
Japan, Hiroshima	4	**0.1**	*0.05*	0.01	*0.01*	1	**0.0**	*0.01*	-	-
Japan, Miyagi Prefecture	5	**0.0**	*0.02*	0.00	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
Japan, Nagasaki Prefecture	2	**0.0**	*0.01*	0.00	*0.00*	2	**0.0**	*0.01*	-	-
Japan, Osaka Prefecture	19	**0.0**	*0.01*	0.00	*0.00*	12	**0.0**	*0.01*	0.00	*0.00*
Japan, Yamagata Prefecture	4	**0.1**	*0.03*	0.01	*0.00*	1	**0.0**	*0.02*	0.00	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Immunoproliferative diseases (C88) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	24	**0.0**	*0.01*	0.00	*0.00*	6	**0.0**	*0.00*	0.00	*0.00*
Korea, Busan	1	**0.0**	*0.01*	0.00	*0.00*	0	**-**	-	-	-
Korea, Daegu	1	**0.0**	*0.03*	0.01	*0.01*	1	**0.0**	*0.01*	0.00	*0.00*
Korea, Daejeon	0	**-**	-	-	-	1	**0.0**	*0.03*	0.00	*0.00*
Korea, Gwangju	0	**-**	-	-	-	0	**-**	-	-	-
Korea, Incheon	2	**0.1**	*0.04*	0.01	*0.01*	0	**-**	-	-	-
Korea, Jejudo	0	**-**	-	-	-	0	**-**	-	-	-
Korea, Seoul	9	**0.0**	*0.02*	0.01	*0.00*	0	**-**	-	-	-
Korea, Ulsan	0	**-**	-	-	-	0	**-**	-	-	-
Kuwait: Kuwaitis	0	**-**	-	-	-	1	**0.1**	*0.08*	0.01	*0.01*
Kuwait: Non-Kuwaitis	0	**-**	-	-	-	0	**-**	-	-	-
Malaysia, Penang	0	**-**	-	-	-	1	**0.0**	*0.04*	0.00	*0.00*
Malaysia, Sarawak	0	**-**	-	-	-	0	**-**	-	-	-
Oman: Omani	1	**0.1**	*0.05*	0.01	*0.01*	0	**-**	-	-	- *
Pakistan, South Karachi	0	**-**	-	-	-	0	**-**	-	-	- *
Philippines, Manila	0	**-**	-	-	-	0	**-**	-	-	- *
Singapore	0	**-**	-	-	-	1	**0.0**	*0.01*	-	-
Singapore: Chinese	0	**-**	-	-	-	1	**0.0**	*0.01*	-	-
Singapore: Indian	0	**-**	-	-	-	0	**-**	-	-	-
Singapore: Malay	0	**-**	-	-	-	0	**-**	-	-	-
Thailand, Chiang Mai	0	**-**	-	-	-	0	**-**	-	-	- *
Thailand, Lampang	2	**0.1**	*0.07*	0.01	*0.00*	1	**0.0**	*0.04*	0.01	*0.01* *
Thailand, Songkhla	0	**-**	-	-	-	0	**-**	-	-	-
Turkey, Antalya	0	**-**	-	-	-	0	**-**	-	-	- *
Turkey, Izmir	0	**-**	-	-	-	0	**-**	-	-	- *
Europe										
Austria	8	**0.0**	*0.01*	0.00	*0.00*	12	**0.0**	*0.01*	0.00	*0.00*
Austria, Tyrol	1	**0.0**	*0.03*	-	-	4	**0.1**	*0.06*	0.01	*0.01*
Austria, Vorarlberg	0	**-**	-	-	-	0	**-**	-	-	-
Belarus	7	**0.0**	*0.01*	0.00	*0.00*	7	**0.0**	*0.01*	0.00	*0.00* *
Belgium, Antwerp	18	**0.3**	*0.06*	0.03	*0.01*	10	**0.1**	*0.03*	0.01	*0.01* *
Belgium, Flanders	41	**0.2**	*0.03*	0.02	*0.00*	28	**0.1**	*0.02*	0.01	*0.00*
Bulgaria	1	**0.0**	*0.00*	0.00	*0.00*	0	**-**	-	-	- *
Croatia	22	**0.1**	*0.03*	0.02	*0.00*	12	**0.0**	*0.01*	0.01	*0.00*
Czech Republic	75	**0.2**	*0.02*	0.02	*0.00*	57	**0.1**	*0.02*	0.01	*0.00*
Denmark	145	**0.6**	*0.05*	0.07	*0.01*	73	**0.2**	*0.03*	0.02	*0.00*
Estonia	7	**0.2**	*0.06*	0.02	*0.01*	12	**0.1**	*0.04*	0.02	*0.01*
Finland	37	**0.2**	*0.03*	0.02	*0.00*	35	**0.1**	*0.02*	0.01	*0.00*
France, Bas-Rhin	25	**0.7**	*0.14*	0.07	*0.02*	13	**0.2**	*0.07*	0.02	*0.01*
France, Calvados	22	**0.9**	*0.20*	0.09	*0.03*	11	**0.3**	*0.10*	0.04	*0.02*
France, Doubs	12	**0.6**	*0.18*	0.05	*0.02*	7	**0.2**	*0.08*	0.01	*0.01*
France, Haut-Rhin	32	**1.2**	*0.22*	0.16	*0.03*	22	**0.5**	*0.12*	0.05	*0.02*
France, Herault	44	**0.9**	*0.15*	0.08	*0.02*	15	**0.2**	*0.06*	0.02	*0.01*
France, Isere	29	**0.7**	*0.13*	0.08	*0.02*	21	**0.4**	*0.09*	0.04	*0.01*
France, Loire-Atlantique	92	**2.0**	*0.22*	0.25	*0.03*	44	**0.7**	*0.12*	0.08	*0.02*
France, Manche	31	**1.2**	*0.23*	0.18	*0.04*	19	**0.6**	*0.17*	0.08	*0.03*
France, Somme	4	**0.2**	*0.11*	0.03	*0.01*	4	**0.2**	*0.10*	0.02	*0.01*
France, Tarn	11	**0.6**	*0.19*	0.09	*0.03*	7	**0.4**	*0.15*	0.06	*0.02*
France, Vendee	41	**1.6**	*0.26*	0.20	*0.04*	22	**0.8**	*0.19*	0.12	*0.03*
Germany, Brandenburg	6	**0.1**	*0.02*	0.01	*0.00*	13	**0.1**	*0.02*	0.01	*0.00*
Germany, Free State of Saxony	24	**0.1**	*0.02*	0.01	*0.00*	28	**0.1**	*0.01*	0.01	*0.00*
Germany, Hamburg	11	**0.1**	*0.04*	0.01	*0.01*	3	**0.0**	*0.02*	0.01	*0.00*
Germany, Mecklenburg-Western Pomerania	7	**0.1**	*0.04*	0.01	*0.01*	6	**0.0**	*0.02*	0.01	*0.00*
Germany, Munich	4	**0.0**	*0.02*	0.01	*0.00*	0	**-**	-	-	-
Germany, Northrhine-Westphalia: Munster	3	**0.0**	*0.02*	0.00	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
Germany, Saarland	4	**0.1**	*0.04*	0.01	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
Iceland	7	**0.8**	*0.32*	0.09	*0.04*	6	**0.7**	*0.30*	0.08	*0.04*
Ireland	32	**0.2**	*0.04*	0.02	*0.01*	24	**0.1**	*0.03*	0.01	*0.00*
Italy, Biella Province	14	**1.4**	*0.40*	0.16	*0.05*	7	**0.3**	*0.13*	0.03	*0.02*
Italy, Brescia Province	1	**0.0**	*0.04*	0.01	*0.01*	1	**0.0**	*0.01*	-	-
Italy, Ferrara Province	6	**0.3**	*0.13*	0.05	*0.02*	5	**0.2**	*0.13*	0.02	*0.01*
Italy, Florence and Prato	19	**0.3**	*0.06*	0.04	*0.01*	16	**0.2**	*0.07*	0.02	*0.01*
Italy, Genoa Province	6	**0.1**	*0.06*	0.01	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
Italy, Macerata Province	1	**0.1**	*0.06*	-	-	1	**0.1**	*0.10*	0.02	*0.02*
Italy, Milan	8	**0.2**	*0.06*	0.02	*0.01*	4	**0.1**	*0.04*	0.01	*0.00*
Italy, Modena Province	32	**0.9**	*0.17*	0.09	*0.02*	16	**0.4**	*0.11*	0.06	*0.02*
Italy, Naples	3	**0.2**	*0.10*	0.02	*0.02*	0	**-**	-	-	-
Italy, North East Cancer Surveillance Network	8	**0.1**	*0.03*	0.01	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
Italy, Parma Province	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Ragusa Province	0	**-**	-	-	-	1	**0.0**	*0.03*	-	-
Italy, Reggio Emilia Province	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Romagna Region	11	**0.2**	*0.06*	0.02	*0.01*	4	**0.0**	*0.01*	-	-
Italy, Salerno Province	0	**-**	-	-	-	1	**0.0**	*0.03*	0.00	*0.00*
Italy, Sassari Province	4	**0.2**	*0.10*	0.03	*0.02*	6	**0.3**	*0.13*	0.05	*0.02*
Italy, Syracuse Province	2	**0.1**	*0.10*	0.01	*0.01*	0	**-**	-	-	-
Italy, Sondrio	1	**0.1**	*0.14*	0.02	*0.02*	1	**0.2**	*0.19*	0.02	*0.02*
Italy, Torino	2	**0.0**	*0.03*	0.00	*0.00*	1	**0.0**	*0.02*	0.00	*0.00*
Italy, Umbria Region	14	**0.3**	*0.09*	0.04	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
Italy, Varese Province	1	**0.0**	*0.04*	-	-	2	**0.0**	*0.03*	0.01	*0.01*
Italy, Veneto Region	5	**0.1**	*0.03*	0.00	*0.00*	4	**0.0**	*0.02*	0.00	*0.00*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Immunoproliferative diseases (C88) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	10	**0.1**	*0.04*	0.02	*0.01*	8	**0.1**	*0.02*	0.01	*0.00*
Lithuania	20	**0.2**	*0.04*	0.02	*0.01*	17	**0.1**	*0.03*	0.01	*0.00*
Malta	5	**0.4**	*0.18*	0.04	*0.02*	3	**0.1**	*0.08*	0.01	*0.01*
Norway	92	**0.5**	*0.05*	0.05	*0.01*	55	**0.2**	*0.03*	0.02	*0.00*
Poland, Cracow	1	**0.0**	*0.04*	0.01	*0.01*	1	**0.0**	*0.02*	-	- *
Poland, Kielce	31	**0.8**	*0.14*	0.11	*0.02*	46	**0.7**	*0.11*	0.08	*0.02*
Poland, Warsaw City	3	**0.0**	*0.03*	0.01	*0.00*	2	**0.0**	*0.02*	0.00	*0.00*
Portugal, Porto	3	**0.0**	*0.02*	0.00	*0.00*	1	**0.0**	*0.01*	0.00	*0.00**
Portugal, South Regional	17	**0.2**	*0.04*	0.02	*0.01*	11	**0.1**	*0.02*	0.01	*0.00*
Russia, St Petersburg	5	**0.0**	*0.02*	0.00	*0.00*	2	**0.0**	*0.00*	-	-
Serbia	8	**0.0**	*0.01*	0.01	*0.00*	14	**0.1**	*0.02*	0.01	*0.00*
Slovak Republic	10	**0.1**	*0.02*	0.01	*0.00*	16	**0.1**	*0.02*	0.01	*0.00*
Slovenia	4	**0.1**	*0.03*	0.01	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
Spain, Albacete	3	**0.2**	*0.10*	0.01	*0.01*	2	**0.1**	*0.11*	0.01	*0.01*
Spain, Asturias	28	**0.5**	*0.10*	0.05	*0.01*	13	**0.1**	*0.05*	0.02	*0.01*
Spain, Basque Country	11	**0.1**	*0.04*	0.02	*0.01*	3	**0.0**	*0.01*	-	-
Spain, Canary Islands	19	**0.4**	*0.09*	0.06	*0.01*	4	**0.0**	*0.02*	0.00	*0.00*
Spain, Cuenca	2	**0.1**	*0.10*	0.01	*0.01*	1	**0.1**	*0.08*	0.01	*0.01*
Spain, Girona	5	**0.1**	*0.06*	0.02	*0.01*	0	**-**	-	-	-
Spain, Granada	3	**0.1**	*0.05*	0.01	*0.01*	4	**0.1**	*0.06*	0.01	*0.01*
Spain, Murcia	5	**0.1**	*0.05*	0.01	*0.01*	4	**0.0**	*0.03*	0.01	*0.01*
Spain, Navarra	3	**0.1**	*0.05*	0.01	*0.01*	0	**-**	-	-	-
Spain, Tarragona	1	**0.0**	*0.03*	-	-	3	**0.1**	*0.05*	0.01	*0.01*
Spain, Zaragoza	9	**0.2**	*0.09*	0.02	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
Sweden	118	**0.3**	*0.03*	0.03	*0.00*	63	**0.1**	*0.02*	0.01	*0.00*
Switzerland, Geneva	1	**0.0**	*0.04*	-	-	0	**-**	-	-	-
Switzerland, Graubunden and Glarus	1	**0.1**	*0.14*	0.02	*0.02*	4	**0.1**	*0.07*	-	-
Switzerland, Neuchatel	0	**-**	-	-	-	0	**-**	-	-	-
Switzerland, St Gall-Appenzell	7	**0.4**	*0.14*	0.07	*0.03*	6	**0.3**	*0.12*	0.03	*0.02*
Switzerland, Ticino	4	**0.3**	*0.16*	0.04	*0.02*	3	**0.1**	*0.03*	-	-
Switzerland, Valais	3	**0.2**	*0.09*	-	-	7	**0.4**	*0.17*	0.07	*0.03*
Switzerland, Vaud	0	**-**	-	-	-	0	**-**	-	-	-
The Netherlands	291	**0.5**	*0.03*	0.06	*0.00*	193	**0.3**	*0.02*	0.03	*0.00*
The Netherlands, Eindhoven	10	**0.3**	*0.09*	0.04	*0.01*	10	**0.2**	*0.07*	0.03	*0.01*
The Netherlands, Maastricht	12	**0.3**	*0.09*	0.04	*0.02*	5	**0.1**	*0.06*	0.02	*0.01*
UK, East of England Region	31	**0.2**	*0.04*	0.03	*0.01*	27	**0.2**	*0.04*	0.02	*0.01*
UK, England, Merseyside and Cheshire	22	**0.2**	*0.04*	0.02	*0.01*	5	**0.0**	*0.01*	0.00	*0.00*
UK, England, North Western	50	**0.3**	*0.04*	0.03	*0.01*	29	**0.1**	*0.03*	0.01	*0.00*
UK, England, Northern and Yorkshire	87	**0.3**	*0.03*	0.03	*0.00*	53	**0.1**	*0.02*	0.01	*0.00*
UK, England, Oxford Region	59	**0.5**	*0.07*	0.05	*0.01*	26	**0.2**	*0.04*	0.02	*0.01*
UK, England, South and Western Regions	136	**0.4**	*0.04*	0.04	*0.01*	89	**0.2**	*0.02*	0.02	*0.00*
UK, England, Thames	206	**0.3**	*0.02*	0.04	*0.00*	146	**0.2**	*0.02*	0.02	*0.00*
UK, England, Trent	66	**0.3**	*0.04*	0.03	*0.01*	44	**0.1**	*0.02*	0.01	*0.00*
UK, England, West Midlands	81	**0.3**	*0.04*	0.04	*0.01*	57	**0.2**	*0.03*	0.03	*0.00*
UK, Northern Ireland	8	**0.1**	*0.04*	0.00	*0.00*	9	**0.1**	*0.03*	0.01	*0.00*
UK, Scotland	63	**0.3**	*0.04*	0.03	*0.01*	62	**0.2**	*0.03*	0.02	*0.00*
Oceania										
Australia, New South Wales	80	**0.3**	*0.04*	0.03	*0.01*	58	**0.2**	*0.03*	0.02	*0.00*
Australia, Northern Territory	0	**-**	-	-	-	0	**-**	-	-	-
Australia, Queensland	40	**0.3**	*0.05*	0.04	*0.01*	25	**0.1**	*0.03*	0.01	*0.00*
Australia, South	23	**0.4**	*0.09*	0.06	*0.01*	18	**0.2**	*0.07*	0.02	*0.01*
Australia, Tasmania	3	**0.2**	*0.11*	0.03	*0.02*	3	**0.2**	*0.10*	0.02	*0.01*
Australia, Victoria	73	**0.4**	*0.05*	0.04	*0.01*	47	**0.2**	*0.03*	0.02	*0.00*
Australia, Western	26	**0.4**	*0.09*	0.05	*0.01*	21	**0.3**	*0.07*	0.04	*0.01*
Australian Capital Territory	7	**0.9**	*0.35*	0.05	*0.03*	2	**0.2**	*0.15*	0.05	*0.04*
French Polynesia	1	**0.5**	*0.46*	-	-	1	**0.3**	*0.28*	0.05	*0.05*
New Zealand	94	**0.7**	*0.07*	0.08	*0.01*	60	**0.3**	*0.04*	0.03	*0.01*
USA, Hawaii	13	**0.3**	*0.08*	0.04	*0.01*	6	**0.1**	*0.04*	0.01	*0.00*
USA, Hawaii: Chinese	1	**0.1**	*0.13*	-	-	1	**0.1**	*0.09*	-	-
USA, Hawaii: Filipino	1	**0.1**	*0.06*	-	-	2	**0.3**	*0.19*	0.02	*0.02*
USA, Hawaii: Hawaiian	2	**0.4**	*0.28*	0.06	*0.06*	0	**-**	-	-	-
USA, Hawaii: Japanese	3	**0.2**	*0.14*	0.04	*0.03*	1	**0.0**	*0.02*	-	-
USA, Hawaii: White	6	**0.5**	*0.23*	0.06	*0.03*	2	**0.1**	*0.09*	0.02	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Multiple myeloma (C90)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	7	**0.4**	*0.15*	-	-	7	**0.3**	*0.11*	-	- *
Egypt, Gharbiah	68	**1.5**	*0.20*	-	-	33	**0.6**	*0.12*	-	-
Tunisia, Centre, Sousse	16	**1.7**	*0.43*	-	-	15	**1.5**	*0.40*	-	- *
Uganda, Kyadondo County	11	**1.0**	*0.35*	-	-	4	**0.4**	*0.23*	-	- *
Zimbabwe, Harare: African	43	**3.0**	*0.52*	-	-	44	**4.0**	*0.66*	-	- *
America, Central and South										
Argentina, Bahia Blanca	20	**2.3**	*0.54*	0.30	*0.08*	22	**1.8**	*0.46*	0.18	*0.06*
Brazil, Brasilia	38	**2.0**	*0.35*	0.27	*0.06*	40	**1.7**	*0.27*	0.23	*0.04*
Brazil, Cuiaba	12	**1.8**	*0.55*	0.23	*0.08*	13	**1.9**	*0.56*	0.22	*0.08*
Brazil, Goiania	42	**3.1**	*0.49*	0.42	*0.08*	39	**2.3**	*0.37*	0.30	*0.06*
Brazil, Sao Paulo	778	**3.9**	*0.14*	0.49	*0.02*	785	**2.9**	*0.11*	0.36	*0.02*
Chile, Valdivia	28	**3.1**	*0.61*	0.39	*0.09*	22	**2.4**	*0.51*	0.32	*0.07*
Colombia, Cali	105	**3.1**	*0.31*	0.37	*0.04*	84	**2.0**	*0.22*	0.25	*0.03*
Costa Rica	94	**1.3**	*0.14*	0.16	*0.02*	80	**1.0**	*0.12*	0.12	*0.02*
Ecuador, Quito	56	**2.2**	*0.31*	0.30	*0.05*	41	**1.3**	*0.21*	0.15	*0.03*
France, La Martinique	87	**6.9**	*0.77*	0.81	*0.11*	78	**4.6**	*0.58*	0.48	*0.08*
Peru, Trujillo	28	**3.6**	*0.69*	0.50	*0.10*	14	**1.2**	*0.34*	0.10	*0.04* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	3480	**4.1**	*0.07*	0.48	*0.01*	3034	**2.9**	*0.06*	0.34	*0.01*
Canada, Alberta	350	**3.8**	*0.21*	0.47	*0.03*	269	**2.4**	*0.16*	0.29	*0.02*
Canada, British Columbia	558	**3.6**	*0.16*	0.41	*0.02*	463	**2.5**	*0.13*	0.30	*0.02*
Canada, Manitoba	178	**4.1**	*0.32*	0.48	*0.05*	164	**2.8**	*0.26*	0.35	*0.04*
Canada, New Brunswick	120	**4.1**	*0.40*	0.47	*0.06*	94	**2.7**	*0.30*	0.35	*0.05*
Canada, Newfoundland and Labrador	52	**2.7**	*0.39*	0.38	*0.06*	28	**1.2**	*0.24*	0.17	*0.04*
Canada, Northwest Territories	1	**0.7**	*0.66*	0.06	*0.06*	0	**-**	-	-	-
Canada, Nova Scotia	137	**3.7**	*0.33*	0.41	*0.05*	122	**2.5**	*0.26*	0.29	*0.04*
Canada, Ontario	1915	**4.5**	*0.11*	0.52	*0.02*	1749	**3.3**	*0.09*	0.38	*0.01*
Canada, Prince Edward Island	18	**3.4**	*0.85*	0.40	*0.12*	23	**3.3**	*0.78*	0.37	*0.11*
Canada, Saskatchewan	151	**3.7**	*0.33*	0.42	*0.05*	122	**2.4**	*0.25*	0.31	*0.04*
USA, Alabama	650	**4.3**	*0.18*	0.54	*0.03*	562	**2.8**	*0.13*	0.34	*0.02*
USA, Alabama: Black	195	**7.0**	*0.52*	0.86	*0.08*	199	**4.9**	*0.37*	0.62	*0.06*
USA, Alabama: White	450	**3.7**	*0.18*	0.47	*0.03*	361	**2.2**	*0.13*	0.27	*0.02*
USA, Alaska	63	**4.2**	*0.55*	0.58	*0.09*	42	**2.8**	*0.46*	0.33	*0.07*
USA, Arizona	570	**3.0**	*0.13*	0.35	*0.02*	417	**1.9**	*0.10*	0.22	*0.01*
USA, California	4060	**3.9**	*0.06*	0.48	*0.01*	3542	**2.7**	*0.05*	0.33	*0.01*
USA, California: Asian and Pacific Islander	265	**2.4**	*0.15*	0.31	*0.02*	268	**1.8**	*0.11*	0.21	*0.02*
USA, California: Black	465	**8.3**	*0.39*	1.03	*0.06*	453	**6.0**	*0.29*	0.70	*0.04*
USA, California: Hispanic White	615	**3.9**	*0.16*	0.47	*0.02*	586	**3.1**	*0.13*	0.38	*0.02*
USA, California: Non-Hispanic White	2642	**3.8**	*0.08*	0.45	*0.01*	2159	**2.4**	*0.06*	0.30	*0.01*
USA, California, Greater San Francisco Bay Area	801	**4.0**	*0.15*	0.49	*0.02*	723	**2.7**	*0.11*	0.32	*0.02*
USA, California, Greater San Francisco Bay Area: Black	111	**8.6**	*0.84*	1.05	*0.12*	106	**5.9**	*0.61*	0.66	*0.09*
USA, California, Greater San Francisco Bay Area: Chinese	31	**1.9**	*0.36*	0.28	*0.06*	34	**1.4**	*0.26*	0.14	*0.04*
USA, California, Greater San Francisco Bay Area: Filipino	32	**3.6**	*0.66*	0.42	*0.10*	25	**1.9**	*0.39*	0.20	*0.06*
USA, California, Greater San Francisco Bay Area: Japanese	8	**2.2**	*0.86*	0.32	*0.15*	10	**2.1**	*0.78*	0.29	*0.11*
USA, California, Greater San Francisco Bay Area: Hispanic White	94	**4.4**	*0.47*	0.52	*0.07*	93	**3.5**	*0.38*	0.43	*0.06*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	482	**3.7**	*0.18*	0.46	*0.03*	425	**2.5**	*0.14*	0.30	*0.02*
USA, California, Los Angeles County	1094	**4.1**	*0.13*	0.50	*0.02*	987	**2.8**	*0.10*	0.34	*0.01*
USA, California, Los Angeles County: Black	212	**8.6**	*0.60*	1.07	*0.09*	219	**6.0**	*0.42*	0.71	*0.06*
USA, California, Los Angeles County: Chinese	15	**1.2**	*0.32*	0.17	*0.06*	20	**1.2**	*0.28*	0.14	*0.05*
USA, California, Los Angeles County: Filipino	25	**3.1**	*0.64*	0.39	*0.10*	26	**2.3**	*0.46*	0.30	*0.07*
USA, California, Los Angeles County: Japanese	16	**2.6**	*0.76*	0.32	*0.11*	10	**1.5**	*0.51*	0.16	*0.06*
USA, California, Los Angeles County: Korean	5	**1.0**	*0.45*	0.10	*0.05*	10	**1.2**	*0.38*	0.13	*0.06*
USA, California, Los Angeles County: Hispanic White	210	**3.4**	*0.24*	0.41	*0.04*	225	**2.8**	*0.20*	0.34	*0.03*
USA, California, Los Angeles County: Non-Hispanic White	572	**4.0**	*0.18*	0.49	*0.03*	440	**2.4**	*0.13*	0.29	*0.02*
USA, Colorado	549	**4.3**	*0.19*	0.51	*0.03*	423	**2.7**	*0.14*	0.33	*0.02*
USA, Connecticut	545	**4.3**	*0.20*	0.51	*0.03*	467	**2.8**	*0.15*	0.34	*0.02*
USA, Connecticut: Black	46	**6.6**	*0.99*	0.83	*0.15*	57	**5.9**	*0.80*	0.68	*0.11*
USA, Connecticut: White	491	**4.1**	*0.20*	0.49	*0.03*	406	**2.6**	*0.15*	0.31	*0.02*
USA, District of Columbia	112	**6.0**	*0.59*	0.72	*0.09*	122	**4.9**	*0.49*	0.60	*0.07*
USA, District of Columbia: Black	94	**7.8**	*0.85*	0.94	*0.13*	101	**5.9**	*0.64*	0.69	*0.09*
USA, District of Columbia: White	16	**2.7**	*0.69*	0.29	*0.09*	18	**2.9**	*0.73*	0.42	*0.12*
USA, Florida	2798	**3.9**	*0.08*	0.46	*0.01*	2326	**2.6**	*0.06*	0.32	*0.01*
USA, Florida: Black	381	**7.2**	*0.38*	0.86	*0.05*	388	**5.4**	*0.28*	0.65	*0.04*
USA, Florida: White	2394	**3.6**	*0.08*	0.42	*0.01*	1908	**2.3**	*0.06*	0.28	*0.01*
USA, Georgia	1056	**4.6**	*0.15*	0.56	*0.02*	911	**3.1**	*0.11*	0.38	*0.02*
USA, Georgia: Black	353	**8.1**	*0.44*	1.04	*0.07*	362	**5.7**	*0.31*	0.72	*0.05*
USA, Georgia: White	691	**3.8**	*0.15*	0.45	*0.02*	536	**2.3**	*0.11*	0.28	*0.02*
USA, Georgia, Atlanta	349	**5.3**	*0.29*	0.69	*0.05*	293	**3.4**	*0.21*	0.42	*0.03*
USA, Georgia, Atlanta: Black	136	**8.5**	*0.77*	1.20	*0.13*	136	**5.7**	*0.51*	0.67	*0.08*
USA, Georgia, Atlanta: White	206	**4.3**	*0.31*	0.55	*0.05*	151	**2.5**	*0.22*	0.32	*0.03*
USA, Idaho	190	**4.3**	*0.32*	0.49	*0.05*	137	**2.6**	*0.25*	0.31	*0.04*
USA, Illinois	1823	**4.5**	*0.11*	0.55	*0.02*	1760	**3.2**	*0.09*	0.40	*0.01*
USA, Illinois: Black	360	**8.3**	*0.45*	0.98	*0.06*	464	**7.5**	*0.36*	0.92	*0.05*
USA, Illinois: White	1412	**4.0**	*0.11*	0.48	*0.02*	1254	**2.5**	*0.08*	0.31	*0.01*
USA, Indiana	807	**4.0**	*0.15*	0.51	*0.02*	714	**2.7**	*0.11*	0.33	*0.02*
USA, Iowa	498	**4.3**	*0.21*	0.54	*0.03*	422	**2.6**	*0.15*	0.30	*0.02*
USA, Kentucky	631	**4.6**	*0.19*	0.55	*0.03*	540	**2.9**	*0.14*	0.36	*0.02*
USA, Louisiana	745	**5.2**	*0.20*	0.64	*0.03*	604	**3.2**	*0.14*	0.39	*0.02*
USA, Louisiana: Black	315	**9.4**	*0.55*	1.07	*0.08*	255	**5.4**	*0.36*	0.66	*0.05*
USA, Louisiana: White	427	**4.0**	*0.20*	0.51	*0.03*	346	**2.4**	*0.14*	0.29	*0.02*
USA, Louisiana, New Orleans: Black	83	**8.6**	*0.97*	0.97	*0.14*	62	**4.2**	*0.57*	0.49	*0.08*
USA, Louisiana, New Orleans: White	68	**3.1**	*0.40*	0.37	*0.06*	64	**2.1**	*0.31*	0.24	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Multiple myeloma (C90) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	212	**4.1**	*0.30*	0.48	*0.04*	183	**2.8**	*0.23*	0.33	*0.03*
USA, Massachusetts	885	**4.0**	*0.14*	0.47	*0.02*	786	**2.5**	*0.10*	0.32	*0.02*
USA, Michigan	1516	**4.5**	*0.12*	0.53	*0.02*	1374	**3.1**	*0.09*	0.38	*0.01*
USA, Michigan: Black	303	**8.9**	*0.53*	1.04	*0.08*	328	**6.9**	*0.40*	0.82	*0.06*
USA, Michigan: White	1198	**4.0**	*0.12*	0.48	*0.02*	1021	**2.5**	*0.09*	0.32	*0.01*
USA, Michigan, Detroit	711	**5.4**	*0.21*	0.65	*0.03*	704	**3.8**	*0.16*	0.47	*0.02*
USA, Michigan, Detroit: Black	230	**9.1**	*0.62*	1.04	*0.09*	258	**7.2**	*0.48*	0.88	*0.07*
USA, Michigan, Detroit: White	477	**4.5**	*0.22*	0.56	*0.03*	438	**2.9**	*0.16*	0.35	*0.02*
USA, Missouri	741	**3.7**	*0.14*	0.45	*0.02*	687	**2.5**	*0.11*	0.30	*0.02*
USA, Missouri: Black	118	**8.2**	*0.78*	1.03	*0.12*	114	**5.3**	*0.53*	0.68	*0.08*
USA, Missouri: White	615	**3.3**	*0.14*	0.40	*0.02*	567	**2.2**	*0.11*	0.27	*0.02*
USA, Montana	140	**3.7**	*0.34*	0.41	*0.05*	115	**2.6**	*0.27*	0.31	*0.04*
USA, NPCR	31760	**4.2**	*0.02*	0.50	*0.00*	28286	**2.8**	*0.02*	0.35	*0.00*
USA, NPCR: Black	4949	**8.0**	*0.12*	0.97	*0.02*	5324	**6.0**	*0.09*	0.72	*0.01*
USA, NPCR: White	25840	**3.8**	*0.03*	0.46	*0.00*	22012	**2.5**	*0.02*	0.30	*0.00*
USA, New Jersey	1387	**4.7**	*0.13*	0.57	*0.02*	1348	**3.3**	*0.10*	0.39	*0.01*
USA, New Jersey: Black	252	**9.1**	*0.58*	1.13	*0.09*	298	**7.3**	*0.44*	0.90	*0.07*
USA, New Jersey: White	1096	**4.2**	*0.14*	0.51	*0.02*	1018	**2.8**	*0.10*	0.33	*0.01*
USA, New Mexico	236	**4.0**	*0.27*	0.48	*0.04*	190	**2.6**	*0.20*	0.31	*0.03*
USA, New Mexico: American Indian	15	**4.2**	*1.11*	0.43	*0.15*	18	**4.5**	*1.07*	0.71	*0.19*
USA, New Mexico: Hispanic White	73	**4.0**	*0.47*	0.48	*0.07*	69	**3.2**	*0.40*	0.39	*0.06*
USA, New Mexico: Non-Hispanic White	144	**4.0**	*0.35*	0.49	*0.05*	100	**2.2**	*0.24*	0.25	*0.03*
USA, New York State	3068	**4.7**	*0.09*	0.55	*0.01*	3016	**3.3**	*0.07*	0.40	*0.01*
USA, New York State: Black	535	**7.9**	*0.35*	0.94	*0.05*	733	**6.7**	*0.26*	0.80	*0.04*
USA, New York State: White	2461	**4.3**	*0.09*	0.51	*0.01*	2223	**2.9**	*0.07*	0.34	*0.01*
USA, Ohio	1580	**4.0**	*0.10*	0.49	*0.02*	1490	**2.7**	*0.08*	0.33	*0.01*
USA, Ohio: Black	263	**8.0**	*0.51*	0.97	*0.07*	262	**5.6**	*0.37*	0.68	*0.05*
USA, Ohio: White	1287	**3.5**	*0.10*	0.44	*0.02*	1207	**2.4**	*0.08*	0.29	*0.01*
USA, Oklahoma	441	**3.5**	*0.18*	0.41	*0.03*	382	**2.4**	*0.13*	0.29	*0.02*
USA, Oregon	524	**4.2**	*0.20*	0.51	*0.03*	388	**2.5**	*0.14*	0.31	*0.02*
USA, Pennsylvania	2003	**4.0**	*0.10*	0.48	*0.01*	1957	**2.9**	*0.07*	0.35	*0.01*
USA, Pennsylvania: Black	250	**8.1**	*0.53*	0.98	*0.08*	299	**6.1**	*0.38*	0.74	*0.06*
USA, Pennsylvania: White	1712	**3.7**	*0.10*	0.43	*0.01*	1621	**2.5**	*0.07*	0.31	*0.01*
USA, Rhode Island	155	**3.8**	*0.33*	0.39	*0.05*	166	**3.0**	*0.27*	0.35	*0.04*
USA, SEER (9 Registries)	3921	**4.5**	*0.08*	0.55	*0.01*	3318	**2.9**	*0.06*	0.35	*0.01*
USA, SEER (9 Registries): Black	559	**8.4**	*0.37*	1.05	*0.06*	592	**6.4**	*0.28*	0.76	*0.04*
USA, SEER (9 Registries): White	3119	**4.3**	*0.08*	0.52	*0.01*	2499	**2.6**	*0.06*	0.32	*0.01*
USA, SEER (14 Registries)	10233	**4.3**	*0.04*	0.53	*0.01*	8886	**2.9**	*0.03*	0.35	*0.01*
USA, SEER (14 Registries): Asian and Pacific Islander	424	**2.5**	*0.12*	0.31	*0.02*	413	**1.8**	*0.09*	0.22	*0.01*
USA, SEER (14 Registries): Black	1566	**8.7**	*0.22*	1.06	*0.03*	1559	**6.2**	*0.16*	0.74	*0.02*
USA, SEER (14 Registries): Hispanic White	860	**4.1**	*0.14*	0.49	*0.02*	779	**3.1**	*0.11*	0.38	*0.02*
USA, SEER (14 Registries): Non-Hispanic White	7262	**4.0**	*0.05*	0.49	*0.01*	5998	**2.5**	*0.04*	0.31	*0.01*
USA, South Carolina	587	**4.4**	*0.19*	0.53	*0.03*	587	**3.3**	*0.15*	0.41	*0.02*
USA, South Carolina: Black	214	**7.7**	*0.54*	0.96	*0.08*	260	**6.2**	*0.41*	0.77	*0.06*
USA, South Carolina: White	358	**3.5**	*0.19*	0.41	*0.03*	318	**2.4**	*0.15*	0.29	*0.02*
USA, Texas	2509	**4.2**	*0.09*	0.50	*0.01*	2266	**3.0**	*0.07*	0.36	*0.01*
USA, Texas: Black	416	**8.1**	*0.41*	0.97	*0.06*	450	**6.3**	*0.31*	0.74	*0.05*
USA, Texas: White	2045	**3.8**	*0.09*	0.46	*0.01*	1760	**2.6**	*0.07*	0.32	*0.01*
USA, Utah	261	**4.5**	*0.29*	0.57	*0.05*	174	**2.5**	*0.20*	0.30	*0.03*
USA, Vermont	80	**3.7**	*0.43*	0.47	*0.07*	57	**1.8**	*0.26*	0.22	*0.04*
USA, Washington State	935	**4.7**	*0.16*	0.55	*0.02*	676	**2.8**	*0.12*	0.34	*0.02*
USA, Washington, Seattle	633	**4.7**	*0.20*	0.56	*0.03*	462	**2.8**	*0.15*	0.34	*0.02*
USA, West Virginia	276	**3.7**	*0.23*	0.46	*0.04*	257	**2.6**	*0.18*	0.32	*0.03*
USA, Wisconsin	784	**4.1**	*0.15*	0.51	*0.02*	628	**2.6**	*0.12*	0.31	*0.02*
Asia										
Bahrain: Bahraini	12	**2.2**	*0.65*	0.33	*0.11*	8	**1.5**	*0.54*	0.18	*0.08*
China, Guangzhou City	78	**1.5**	*0.17*	0.16	*0.02*	50	**0.8**	*0.12*	0.10	*0.02**
China, Hong Kong										
China, Jiashan	8	**0.6**	*0.22*	0.08	*0.03*	0	**-**	-	-	- *
China, Nangang District, Harbin City	20	**1.1**	*0.28*	0.10	*0.02*	17	**0.7**	*0.16*	0.06	*0.02*
China, Shanghai	291	**1.2**	*0.08*	0.15	*0.01*	212	**0.8**	*0.06*	0.10	*0.01**
China, Zhongshan	21	**0.6**	*0.14*	0.07	*0.02*	18	**0.5**	*0.12*	0.08	*0.02**
Cyprus	46	**2.1**	*0.33*	0.24	*0.04*	41	**1.6**	*0.26*	0.22	*0.04**
India, Chennai (Madras)	71	**0.8**	*0.10*	0.09	*0.01*	53	**0.6**	*0.08*	0.08	*0.01*
India, New Delhi	445	**2.4**	*0.12*	0.30	*0.02*	289	**1.8**	*0.11*	0.22	*0.02**
India, Karunagappally	11	**1.3**	*0.41*	0.21	*0.07*	15	**1.6**	*0.42*	0.12	*0.04*
India, Mumbai (Bombay)	280	**1.4**	*0.09*	0.18	*0.01*	167	**0.9**	*0.07*	0.11	*0.01*
India, Nagpur	38	**1.0**	*0.17*	0.15	*0.03*	16	**0.4**	*0.11*	0.05	*0.01**
India, Poona	57	**0.9**	*0.13*	0.11	*0.02*	43	**0.7**	*0.11*	0.09	*0.02**
India, Trivandrum	46	**1.7**	*0.26*	0.23	*0.04*	36	**1.2**	*0.20*	0.16	*0.03**
Israel	708	**4.2**	*0.17*	0.50	*0.02*	660	**3.2**	*0.13*	0.40	*0.02*
Israel: Jews	620	**4.0**	*0.17*	0.48	*0.02*	581	**3.0**	*0.14*	0.38	*0.02*
Israel: Non-Jews	45	**3.2**	*0.49*	0.41	*0.08*	43	**2.8**	*0.44*	0.39	*0.07*
Japan, Aichi Prefecture	49	**1.2**	*0.18*	0.15	*0.03*	36	**0.8**	*0.14*	0.11	*0.02*
Japan, Fukui Prefecture	65	**1.4**	*0.19*	0.16	*0.03*	66	**1.0**	*0.14*	0.12	*0.02*
Japan, Hiroshima	60	**1.4**	*0.18*	0.16	*0.03*	83	**1.4**	*0.16*	0.18	*0.03*
Japan, Miyagi Prefecture	187	**1.6**	*0.12*	0.19	*0.02*	192	**1.2**	*0.10*	0.14	*0.01*
Japan, Nagasaki Prefecture	134	**1.6**	*0.15*	0.19	*0.02*	149	**1.3**	*0.13*	0.16	*0.02*
Japan, Osaka Prefecture	531	**1.4**	*0.06*	0.15	*0.01*	515	**1.0**	*0.05*	0.11	*0.01*
Japan, Yamagata Prefecture	123	**1.7**	*0.16*	0.17	*0.02*	123	**1.1**	*0.12*	0.14	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Multiple myeloma (C90) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	1137	**1.3**	*0.04*	0.17	*0.01*	900	**0.8**	*0.03*	0.11	*0.00*
Korea, Busan	96	**1.1**	*0.12*	0.15	*0.02*	68	**0.6**	*0.08*	0.09	*0.01*
Korea, Daegu	70	**1.3**	*0.16*	0.14	*0.02*	59	**0.9**	*0.12*	0.12	*0.02*
Korea, Daejeon	45	**1.8**	*0.27*	0.24	*0.05*	39	**1.2**	*0.20*	0.16	*0.03*
Korea, Gwangju	30	**1.2**	*0.22*	0.16	*0.04*	22	**0.6**	*0.13*	0.08	*0.02*
Korea, Incheon	70	**1.4**	*0.17*	0.17	*0.02*	43	**0.7**	*0.11*	0.11	*0.02*
Korea, Jejudo	11	**1.6**	*0.48*	0.23	*0.08*	10	**0.7**	*0.23*	0.10	*0.04*
Korea, Seoul	346	**1.7**	*0.10*	0.20	*0.01*	280	**1.1**	*0.07*	0.15	*0.01*
Korea, Ulsan	14	**1.0**	*0.30*	0.13	*0.05*	10	**0.7**	*0.22*	0.10	*0.03*
Kuwait: Kuwaitis	11	**1.3**	*0.38*	0.16	*0.06*	14	**1.3**	*0.36*	0.17	*0.05*
Kuwait: Non-Kuwaitis	26	**1.8**	*0.63*	0.16	*0.07*	5	**0.7**	*0.42*	0.13	*0.09*
Malaysia, Penang	13	**0.8**	*0.21*	0.13	*0.04*	25	**1.1**	*0.22*	0.13	*0.03*
Malaysia, Sarawak	47	**1.4**	*0.21*	0.19	*0.03*	22	**0.6**	*0.12*	0.06	*0.01*
Oman: Omani	34	**2.0**	*0.35*	0.25	*0.05*	28	**1.9**	*0.36*	0.26	*0.06**
Pakistan, South Karachi	44	**1.8**	*0.28*	0.22	*0.04*	24	**1.3**	*0.29*	0.17	*0.04**
Philippines, Manila	46	**0.7**	*0.11*	0.09	*0.02*	81	**1.1**	*0.12*	0.15	*0.02**
Singapore	111	**1.4**	*0.13*	0.17	*0.02*	95	**1.0**	*0.11*	0.12	*0.02*
Singapore: Chinese	80	**1.3**	*0.14*	0.14	*0.02*	73	**0.9**	*0.11*	0.11	*0.02*
Singapore: Indian	10	**1.3**	*0.46*	0.16	*0.06*	7	**1.5**	*0.59*	0.14	*0.06*
Singapore: Malay	21	**2.6**	*0.57*	0.36	*0.09*	15	**1.6**	*0.41*	0.20	*0.06*
Thailand, Chiang Mai	26	**0.7**	*0.13*	0.08	*0.02*	23	**0.5**	*0.11*	0.07	*0.02**
Thailand, Lampang	12	**0.6**	*0.18*	0.07	*0.03*	13	**0.5**	*0.14*	0.07	*0.02**
Thailand, Songkhla	22	**0.8**	*0.17*	0.11	*0.03*	30	**1.0**	*0.19*	0.16	*0.03*
Turkey, Antalya	52	**1.8**	*0.25*	0.20	*0.03*	42	**1.5**	*0.23*	0.20	*0.03**
Turkey, Izmir	141	**1.7**	*0.15*	0.22	*0.02*	102	**1.2**	*0.12*	0.16	*0.02**
Europe										
Austria	802	**2.6**	*0.09*	0.32	*0.01*	943	**2.0**	*0.07*	0.24	*0.01*
Austria, Tyrol	73	**3.1**	*0.36*	0.39	*0.06*	60	**1.9**	*0.27*	0.23	*0.04*
Austria, Vorarlberg	33	**2.8**	*0.50*	0.32	*0.07*	35	**2.2**	*0.40*	0.23	*0.05*
Belarus	380	**1.3**	*0.07*	0.17	*0.01*	517	**1.1**	*0.05*	0.15	*0.01**
Belgium, Antwerp	202	**2.6**	*0.19*	0.27	*0.03*	180	**1.8**	*0.16*	0.21	*0.02**
Belgium, Flanders	792	**3.8**	*0.14*	0.44	*0.02*	734	**2.8**	*0.12*	0.34	*0.02*
Bulgaria	365	**1.1**	*0.06*	0.15	*0.01*	368	**1.0**	*0.05*	0.13	*0.01**
Croatia	480	**2.9**	*0.13*	0.34	*0.02*	498	**2.2**	*0.11*	0.27	*0.01*
Czech Republic	1084	**3.0**	*0.09*	0.37	*0.01*	1092	**2.1**	*0.07*	0.26	*0.01*
Denmark	740	**3.3**	*0.13*	0.41	*0.02*	629	**2.3**	*0.10*	0.28	*0.01*
Estonia	106	**2.4**	*0.23*	0.33	*0.03*	134	**1.8**	*0.17*	0.23	*0.02*
Finland	663	**3.2**	*0.13*	0.35	*0.02*	741	**2.4**	*0.10*	0.27	*0.01*
France, Bas-Rhin	137	**3.7**	*0.32*	0.42	*0.05*	139	**2.5**	*0.24*	0.29	*0.03*
France, Calvados	96	**3.8**	*0.41*	0.48	*0.06*	82	**2.3**	*0.29*	0.28	*0.04*
France, Doubs	75	**3.8**	*0.45*	0.38	*0.06*	72	**2.7**	*0.36*	0.31	*0.05*
France, Haut-Rhin	110	**4.2**	*0.41*	0.52	*0.06*	103	**2.8**	*0.31*	0.34	*0.04*
France, Herault	118	**3.2**	*0.31*	0.38	*0.04*	128	**2.5**	*0.25*	0.30	*0.04*
France, Isere	146	**3.5**	*0.30*	0.37	*0.04*	144	**2.5**	*0.24*	0.28	*0.03*
France, Loire-Atlantique	120	**2.9**	*0.27*	0.33	*0.04*	140	**2.6**	*0.24*	0.34	*0.03*
France, Manche	98	**4.0**	*0.43*	0.47	*0.06*	87	**2.8**	*0.35*	0.35	*0.05*
France, Somme	65	**2.9**	*0.38*	0.38	*0.06*	61	**2.0**	*0.29*	0.25	*0.04*
France, Tarn	50	**2.5**	*0.40*	0.26	*0.05*	55	**2.3**	*0.37*	0.27	*0.05*
France, Vendee	53	**2.0**	*0.29*	0.28	*0.04*	56	**1.8**	*0.28*	0.22	*0.04*
Germany, Brandenburg	363	**3.6**	*0.19*	0.45	*0.03*	365	**2.5**	*0.14*	0.30	*0.02*
Germany, Free State of Saxony	652	**3.3**	*0.13*	0.39	*0.02*	733	**2.3**	*0.10*	0.28	*0.01*
Germany, Hamburg	270	**3.7**	*0.23*	0.47	*0.03*	239	**2.1**	*0.16*	0.26	*0.02*
Germany, Mecklenburg-Western Pomerania	254	**3.7**	*0.23*	0.47	*0.03*	237	**2.4**	*0.17*	0.31	*0.02*
Germany, Munich	217	**2.3**	*0.16*	0.26	*0.02*	168	**1.2**	*0.10*	0.15	*0.02*
Germany, Northrhine-Westphalia: Munster	411	**3.8**	*0.19*	0.47	*0.03*	440	**2.8**	*0.15*	0.33	*0.02*
Germany, Saarland	152	**3.0**	*0.25*	0.36	*0.04*	137	**1.9**	*0.19*	0.23	*0.03*
Iceland	31	**3.4**	*0.63*	0.44	*0.09*	29	**2.3**	*0.47*	0.26	*0.07*
Ireland	583	**4.6**	*0.20*	0.53	*0.03*	411	**2.6**	*0.14*	0.30	*0.02*
Italy, Biella Province	31	**2.8**	*0.53*	0.36	*0.08*	46	**3.3**	*0.61*	0.36	*0.07*
Italy, Brescia Province	91	**3.7**	*0.40*	0.44	*0.06*	127	**3.6**	*0.36*	0.44	*0.05*
Italy, Ferrara Province	108	**4.9**	*0.51*	0.58	*0.07*	84	**3.0**	*0.39*	0.36	*0.05*
Italy, Florence and Prato	237	**3.8**	*0.27*	0.44	*0.04*	242	**2.8**	*0.21*	0.34	*0.03*
Italy, Genoa Province	159	**4.9**	*0.42*	0.55	*0.06*	133	**2.4**	*0.25*	0.26	*0.04*
Italy, Macerata Province	39	**4.3**	*0.74*	0.56	*0.10*	30	**1.8**	*0.39*	0.20	*0.06*
Italy, Milan	194	**3.8**	*0.29*	0.45	*0.04*	204	**2.6**	*0.21*	0.31	*0.03*
Italy, Modena Province	137	**4.4**	*0.40*	0.50	*0.05*	137	**3.5**	*0.35*	0.45	*0.05*
Italy, Naples	64	**4.1**	*0.51*	0.55	*0.08*	45	**2.4**	*0.37*	0.32	*0.06*
Italy, North East Cancer Surveillance Network	422	**4.1**	*0.21*	0.50	*0.03*	424	**2.9**	*0.16*	0.35	*0.02*
Italy, Parma Province	114	**5.1**	*0.52*	0.59	*0.07*	120	**4.1**	*0.46*	0.48	*0.06*
Italy, Ragusa Province	52	**3.6**	*0.53*	0.40	*0.08*	48	**3.0**	*0.48*	0.37	*0.07*
Italy, Reggio Emilia Province	87	**3.7**	*0.43*	0.43	*0.06*	93	**3.1**	*0.38*	0.36	*0.05*
Italy, Romagna Region	332	**6.0**	*0.36*	0.70	*0.05*	291	**3.9**	*0.27*	0.44	*0.04*
Italy, Salerno Province	111	**3.2**	*0.32*	0.37	*0.04*	112	**2.5**	*0.27*	0.29	*0.04*
Italy, Sassari Province	66	**3.5**	*0.44*	0.43	*0.06*	77	**2.9**	*0.36*	0.36	*0.05*
Italy, Syracuse Province	61	**4.4**	*0.59*	0.49	*0.08*	43	**2.6**	*0.43*	0.38	*0.07*
Italy, Sondrio	33	**4.1**	*0.73*	0.49	*0.11*	34	**3.1**	*0.62*	0.31	*0.08*
Italy, Torino	222	**4.8**	*0.33*	0.63	*0.05*	197	**3.0**	*0.25*	0.36	*0.03*
Italy, Umbria Region	155	**3.3**	*0.29*	0.40	*0.04*	147	**2.3**	*0.22*	0.28	*0.03*
Italy, Varese Province	90	**4.4**	*0.48*	0.49	*0.06*	81	**3.1**	*0.38*	0.34	*0.05*
Italy, Veneto Region	312	**4.2**	*0.25*	0.52	*0.04*	339	**3.2**	*0.20*	0.39	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Multiple myeloma (C90) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	128	**1.6**	*0.15*	0.21	*0.02*	168	**1.3**	*0.10*	0.17	*0.01*
Lithuania	239	**2.2**	*0.14*	0.28	*0.02*	335	**1.9**	*0.11*	0.24	*0.02*
Malta	28	**2.0**	*0.38*	0.25	*0.06*	32	**1.8**	*0.34*	0.21	*0.05*
Norway	810	**4.2**	*0.16*	0.49	*0.02*	748	**3.0**	*0.13*	0.36	*0.02*
Poland, Cracow	61	**2.4**	*0.31*	0.34	*0.05*	66	**1.7**	*0.22*	0.19	*0.03**
Poland, Kielce	101	**2.3**	*0.24*	0.28	*0.03*	110	**2.0**	*0.20*	0.25	*0.03*
Poland, Warsaw City	166	**2.7**	*0.22*	0.32	*0.03*	192	**2.0**	*0.16*	0.28	*0.02*
Portugal, Porto	209	**2.0**	*0.14*	0.26	*0.02*	151	**1.2**	*0.10*	0.15	*0.01**
Portugal, South Regional	293	**2.6**	*0.16*	0.32	*0.02*	295	**2.0**	*0.12*	0.26	*0.02*
Russia, St Petersburg	248	**1.8**	*0.11*	0.24	*0.02*	378	**1.5**	*0.08*	0.19	*0.01*
Serbia	238	**1.3**	*0.09*	0.17	*0.01*	232	**1.1**	*0.08*	0.14	*0.01*
Slovak Republic	493	**3.1**	*0.14*	0.38	*0.02*	569	**2.5**	*0.11*	0.32	*0.02*
Slovenia	173	**2.5**	*0.19*	0.31	*0.03*	222	**2.2**	*0.16*	0.27	*0.02*
Spain, Albacete	44	**3.2**	*0.52*	0.38	*0.07*	41	**2.6**	*0.49*	0.29	*0.06*
Spain, Asturias	171	**3.1**	*0.25*	0.34	*0.03*	192	**2.5**	*0.21*	0.27	*0.03*
Spain, Basque Country	225	**3.0**	*0.21*	0.35	*0.03*	206	**2.0**	*0.16*	0.24	*0.02*
Spain, Canary Islands	164	**3.5**	*0.28*	0.42	*0.04*	147	**2.5**	*0.22*	0.28	*0.03*
Spain, Cuenca	53	**4.3**	*0.69*	0.49	*0.09*	27	**1.9**	*0.44*	0.25	*0.06*
Spain, Girona	82	**3.2**	*0.38*	0.39	*0.06*	79	**2.7**	*0.34*	0.36	*0.05*
Spain, Granada	94	**2.8**	*0.30*	0.37	*0.05*	116	**2.9**	*0.29*	0.39	*0.04*
Spain, Murcia	144	**3.5**	*0.30*	0.41	*0.04*	144	**2.7**	*0.25*	0.33	*0.03*
Spain, Navarra	54	**1.9**	*0.29*	0.20	*0.04*	52	**1.7**	*0.26*	0.22	*0.04*
Spain, Tarragona	74	**3.0**	*0.38*	0.34	*0.05*	65	**2.0**	*0.28*	0.21	*0.04*
Spain, Zaragoza	117	**2.9**	*0.29*	0.34	*0.04*	114	**2.2**	*0.23*	0.27	*0.03*
Sweden	1492	**3.6**	*0.10*	0.43	*0.01*	1280	**2.5**	*0.08*	0.30	*0.01*
Switzerland, Geneva	50	**3.2**	*0.46*	0.37	*0.07*	44	**1.8**	*0.31*	0.25	*0.05*
Switzerland, Graubunden and Glarus	28	**3.0**	*0.59*	0.36	*0.09*	36	**3.1**	*0.59*	0.32	*0.07*
Switzerland, Neuchatel	18	**2.9**	*0.70*	0.40	*0.10*	23	**1.7**	*0.40*	0.19	*0.07*
Switzerland, St Gall-Appenzell	59	**2.8**	*0.38*	0.39	*0.07*	70	**2.7**	*0.37*	0.30	*0.05*
Switzerland, Ticino	44	**3.1**	*0.49*	0.33	*0.07*	63	**2.8**	*0.39*	0.38	*0.07*
Switzerland, Valais	37	**3.3**	*0.57*	0.40	*0.08*	36	**2.6**	*0.48*	0.32	*0.07*
Switzerland, Vaud	64	**2.5**	*0.33*	0.28	*0.05*	68	**1.9**	*0.27*	0.24	*0.04*
The Netherlands	2205	**3.7**	*0.08*	0.44	*0.01*	1809	**2.3**	*0.06*	0.28	*0.01*
The Netherlands, Eindhoven	110	**3.0**	*0.29*	0.39	*0.04*	117	**2.5**	*0.25*	0.31	*0.04*
The Netherlands, Maastricht	106	**2.9**	*0.29*	0.34	*0.04*	102	**2.2**	*0.24*	0.30	*0.04*
UK, East of England Region	461	**3.6**	*0.18*	0.43	*0.03*	404	**2.5**	*0.14*	0.31	*0.02*
UK, England, Merseyside and Cheshire	341	**3.3**	*0.19*	0.39	*0.03*	272	**1.9**	*0.13*	0.22	*0.02*
UK, England, North Western	627	**3.6**	*0.15*	0.42	*0.02*	606	**2.6**	*0.12*	0.32	*0.02*
UK, England, Northern and Yorkshire	1065	**3.8**	*0.12*	0.44	*0.02*	971	**2.6**	*0.10*	0.32	*0.01*
UK, England, Oxford Region	408	**3.9**	*0.20*	0.47	*0.03*	354	**2.7**	*0.16*	0.32	*0.02*
UK, England, South and Western Regions	1427	**4.4**	*0.12*	0.50	*0.02*	1257	**2.8**	*0.10*	0.32	*0.01*
UK, England, Thames	2175	**3.9**	*0.09*	0.45	*0.01*	1957	**2.6**	*0.07*	0.31	*0.01*
UK, England, Trent	850	**3.9**	*0.14*	0.45	*0.02*	806	**2.9**	*0.12*	0.35	*0.02*
UK, England, West Midlands	831	**3.6**	*0.13*	0.45	*0.02*	766	**2.5**	*0.11*	0.28	*0.01*
UK, Northern Ireland	276	**4.5**	*0.28*	0.54	*0.04*	220	**2.6**	*0.20*	0.29	*0.03*
UK, Scotland	814	**3.8**	*0.14*	0.45	*0.02*	790	**2.5**	*0.10*	0.29	*0.01*
Oceania										
Australia, New South Wales	1099	**4.5**	*0.14*	0.51	*0.02*	858	**2.9**	*0.11*	0.33	*0.02*
Australia, Northern Territory	13	**3.8**	*1.12*	0.37	*0.14*	1	**0.5**	*0.48*	0.08	*0.08*
Australia, Queensland	583	**4.5**	*0.19*	0.53	*0.03*	442	**3.0**	*0.16*	0.36	*0.02*
Australia, South	307	**5.0**	*0.30*	0.59	*0.04*	228	**2.9**	*0.22*	0.36	*0.03*
Australia, Tasmania	78	**4.2**	*0.49*	0.48	*0.07*	64	**2.5**	*0.35*	0.23	*0.05*
Australia, Victoria	785	**4.4**	*0.16*	0.49	*0.02*	629	**2.7**	*0.12*	0.30	*0.02*
Australia, Western	260	**4.1**	*0.26*	0.47	*0.04*	200	**2.6**	*0.20*	0.31	*0.03*
Australian Capital Territory	37	**4.3**	*0.72*	0.52	*0.11*	20	**1.8**	*0.44*	0.19	*0.06*
French Polynesia	11	**2.8**	*0.85*	0.40	*0.15*	16	**4.1**	*1.04*	0.58	*0.16*
New Zealand	706	**5.2**	*0.20*	0.58	*0.03*	506	**3.0**	*0.15*	0.35	*0.02*
USA, Hawaii	146	**3.1**	*0.28*	0.33	*0.04*	111	**2.0**	*0.21*	0.26	*0.03*
USA, Hawaii: Chinese	4	**1.5**	*0.78*	0.15	*0.09*	5	**0.7**	*0.32*	0.10	*0.07*
USA, Hawaii: Filipino	30	**3.3**	*0.66*	0.28	*0.09*	20	**2.6**	*0.61*	0.27	*0.08*
USA, Hawaii: Hawaiian	26	**5.3**	*1.06*	0.63	*0.16*	24	**4.5**	*0.94*	0.59	*0.15*
USA, Hawaii: Japanese	18	**1.2**	*0.32*	0.14	*0.05*	24	**1.5**	*0.36*	0.19	*0.05*
USA, Hawaii: White	56	**4.4**	*0.61*	0.46	*0.08*	27	**1.7**	*0.36*	0.19	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia (C91-95)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	85	**3.2**	*0.38*	-	-	75	**2.7**	*0.34*	-	- *
Egypt, Gharbiah	375	**6.5**	*0.37*	-	-	300	**4.8**	*0.29*	-	-
Tunisia, Centre, Sousse	53	**5.1**	*0.71*	-	-	39	**3.6**	*0.58*	-	- *
Uganda, Kyadondo County	33	**1.3**	*0.35*	-	-	29	**1.4**	*0.40*	-	- *
Zimbabwe, Harare: African	84	**2.6**	*0.38*	-	-	51	**2.0**	*0.37*	-	- *
America, Central and South										
Argentina, Bahia Blanca	104	**13.7**	*1.60*	1.29	*0.17*	79	**8.3**	*1.20*	0.68	*0.11*
Brazil, Brasilia	174	**5.9**	*0.50*	0.51	*0.07*	114	**3.4**	*0.33*	0.27	*0.04*
Brazil, Cuiaba	65	**7.4**	*0.98*	0.56	*0.11*	49	**5.7**	*0.86*	0.54	*0.12*
Brazil, Goiania	117	**7.0**	*0.68*	0.62	*0.09*	117	**5.7**	*0.54*	0.52	*0.07*
Brazil, Sao Paulo	2029	**9.1**	*0.21*	0.84	*0.03*	1739	**6.4**	*0.16*	0.58	*0.02*
Chile, Valdivia	58	**6.9**	*0.93*	0.54	*0.09*	42	**4.3**	*0.68*	0.38	*0.08*
Colombia, Cali	304	**7.8**	*0.46*	0.65	*0.05*	290	**6.2**	*0.38*	0.51	*0.04*
Costa Rica	551	**6.2**	*0.27*	0.50	*0.03*	434	**4.8**	*0.23*	0.39	*0.03*
Ecuador, Quito	253	**8.2**	*0.53*	0.71	*0.06*	226	**6.5**	*0.45*	0.57	*0.05*
France, La Martinique	68	**6.2**	*0.80*	0.58	*0.09*	63	**5.1**	*0.70*	0.45	*0.07*
Peru, Trujillo	69	**6.2**	*0.79*	0.60	*0.10*	72	**5.8**	*0.71*	0.57	*0.09**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	8363	**11.3**	*0.13*	1.13	*0.02*	5993	**6.9**	*0.11*	0.66	*0.01*
Canada, Alberta	1101	**12.7**	*0.40*	1.36	*0.05*	757	**8.0**	*0.32*	0.80	*0.04*
Canada, British Columbia	1315	**9.7**	*0.30*	0.95	*0.03*	920	**6.1**	*0.25*	0.55	*0.02*
Canada, Manitoba	444	**11.7**	*0.60*	1.25	*0.07*	355	**7.8**	*0.49*	0.78	*0.06*
Canada, New Brunswick	248	**10.6**	*0.75*	1.03	*0.08*	155	**6.1**	*0.59*	0.61	*0.06*
Canada, Newfoundland and Labrador	95	**6.4**	*0.73*	0.61	*0.07*	56	**4.0**	*0.64*	0.31	*0.05*
Canada, Northwest Territories	1	**1.8**	*1.81*	0.30	*0.30*	2	**3.3**	*2.36*	0.49	*0.37*
Canada, Nova Scotia	307	**9.9**	*0.63*	0.91	*0.07*	249	**6.9**	*0.54*	0.59	*0.05*
Canada, Ontario	4318	**11.7**	*0.19*	1.15	*0.02*	3150	**7.1**	*0.15*	0.67	*0.02*
Canada, Prince Edward Island	58	**13.6**	*1.90*	1.31	*0.20*	34	**6.5**	*1.41*	0.53	*0.13*
Canada, Saskatchewan	476	**13.3**	*0.67*	1.50	*0.09*	315	**7.5**	*0.50*	0.81	*0.06*
USA, Alabama	1138	**8.1**	*0.26*	0.80	*0.03*	973	**5.4**	*0.20*	0.52	*0.02*
USA, Alabama: Black	177	**6.3**	*0.49*	0.62	*0.06*	183	**4.5**	*0.37*	0.44	*0.04*
USA, Alabama: White	940	**8.5**	*0.31*	0.83	*0.03*	773	**5.7**	*0.25*	0.54	*0.03*
USA, Alaska	146	**10.0**	*0.87*	1.06	*0.12*	113	**7.5**	*0.74*	0.63	*0.08*
USA, Arizona	1469	**8.9**	*0.25*	0.84	*0.03*	1059	**5.8**	*0.20*	0.51	*0.02*
USA, California	10422	**10.8**	*0.11*	1.06	*0.01*	7617	**6.8**	*0.09*	0.61	*0.01*
USA, California: Asian and Pacific Islander	722	**6.8**	*0.27*	0.63	*0.03*	562	**4.7**	*0.22*	0.41	*0.02*
USA, California: Black	528	**9.0**	*0.40*	0.96	*0.05*	405	**5.5**	*0.29*	0.54	*0.04*
USA, California: Hispanic White	1926	**9.1**	*0.22*	0.81	*0.03*	1510	**6.6**	*0.18*	0.55	*0.02*
USA, California: Non-Hispanic White	7022	**11.5**	*0.16*	1.16	*0.02*	4990	**7.0**	*0.13*	0.65	*0.01*
USA, California, Greater San Francisco Bay Area	1912	**10.0**	*0.25*	0.98	*0.03*	1438	**6.4**	*0.20*	0.54	*0.02*
USA, California, Greater San Francisco Bay Area: Black	105	**7.8**	*0.79*	0.81	*0.11*	89	**5.1**	*0.59*	0.44	*0.07*
USA, California, Greater San Francisco Bay Area: Chinese	98	**7.2**	*0.81*	0.62	*0.08*	64	**4.0**	*0.57*	0.32	*0.05*
USA, California, Greater San Francisco Bay Area: Filipino	60	**7.3**	*1.00*	0.66	*0.11*	36	**3.5**	*0.65*	0.26	*0.05*
USA, California, Greater San Francisco Bay Area: Japanese	16	**5.1**	*1.72*	0.36	*0.14*	13	**2.6**	*0.82*	0.24	*0.09*
USA, California, Greater San Francisco Bay Area: Hispanic White	244	**8.7**	*0.59*	0.71	*0.07*	198	**6.7**	*0.49*	0.53	*0.05*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	1262	**10.8**	*0.36*	1.11	*0.04*	965	**7.0**	*0.30*	0.62	*0.03*
USA, California, Los Angeles County	2755	**10.8**	*0.22*	1.07	*0.03*	2049	**6.9**	*0.17*	0.62	*0.02*
USA, California, Los Angeles County: Black	219	**9.0**	*0.62*	1.02	*0.08*	187	**5.5**	*0.43*	0.57	*0.05*
USA, California, Los Angeles County: Chinese	58	**6.1**	*0.89*	0.51	*0.09*	48	**4.3**	*0.73*	0.36	*0.07*
USA, California, Los Angeles County: Filipino	53	**7.4**	*1.07*	0.67	*0.12*	46	**5.2**	*0.85*	0.47	*0.08*
USA, California, Los Angeles County: Japanese	34	**8.5**	*1.89*	0.74	*0.15*	25	**3.3**	*0.75*	0.39	*0.10*
USA, California, Los Angeles County: Korean	21	**4.7**	*1.07*	0.56	*0.15*	22	**4.4**	*1.05*	0.30	*0.07*
USA, California, Los Angeles County: Hispanic White	721	**9.0**	*0.36*	0.84	*0.05*	610	**6.7**	*0.28*	0.57	*0.03*
USA, California, Los Angeles County: Non-Hispanic White	1541	**12.6**	*0.39*	1.26	*0.04*	1025	**7.4**	*0.32*	0.69	*0.03*
USA, Colorado	1373	**11.2**	*0.32*	1.06	*0.04*	987	**7.0**	*0.25*	0.67	*0.03*
USA, Connecticut	1253	**11.1**	*0.35*	1.13	*0.04*	979	**7.3**	*0.28*	0.68	*0.03*
USA, Connecticut: Black	52	**7.2**	*1.03*	0.73	*0.13*	53	**5.4**	*0.78*	0.50	*0.09*
USA, Connecticut: White	1163	**11.4**	*0.38*	1.15	*0.04*	914	**7.5**	*0.31*	0.71	*0.03*
USA, District of Columbia	119	**7.8**	*0.78*	0.76	*0.09*	94	**4.3**	*0.55*	0.38	*0.05*
USA, District of Columbia: Black	69	**7.3**	*0.95*	0.70	*0.10*	61	**3.8**	*0.60*	0.36	*0.06*
USA, District of Columbia: White	39	**7.3**	*1.36*	0.76	*0.16*	27	**4.8**	*1.25*	0.39	*0.11*
USA, Florida	6990	**10.9**	*0.15*	1.08	*0.02*	5232	**7.1**	*0.13*	0.66	*0.01*
USA, Florida: Black	424	**7.6**	*0.38*	0.78	*0.05*	447	**6.3**	*0.31*	0.58	*0.04*
USA, Florida: White	6479	**11.4**	*0.17*	1.12	*0.02*	4707	**7.2**	*0.14*	0.67	*0.01*
USA, Georgia	1960	**9.1**	*0.21*	0.92	*0.03*	1533	**5.7**	*0.16*	0.53	*0.02*
USA, Georgia: Black	371	**7.8**	*0.42*	0.82	*0.06*	320	**4.7**	*0.28*	0.45	*0.03*
USA, Georgia: White	1556	**9.6**	*0.26*	0.95	*0.03*	1192	**6.1**	*0.21*	0.56	*0.02*
USA, Georgia, Atlanta	667	**10.2**	*0.41*	1.04	*0.05*	479	**5.7**	*0.28*	0.53	*0.03*
USA, Georgia, Atlanta: Black	157	**8.8**	*0.76*	0.90	*0.11*	109	**4.1**	*0.41*	0.37	*0.05*
USA, Georgia, Atlanta: White	491	**11.3**	*0.54*	1.13	*0.07*	358	**6.7**	*0.41*	0.63	*0.05*
USA, Idaho	467	**11.4**	*0.56*	1.11	*0.07*	333	**7.3**	*0.46*	0.68	*0.05*
USA, Illinois	4269	**11.2**	*0.18*	1.12	*0.02*	3443	**7.2**	*0.15*	0.70	*0.02*
USA, Illinois: Black	399	**9.1**	*0.46*	1.00	*0.06*	356	**5.9**	*0.33*	0.59	*0.04*
USA, Illinois: White	3720	**11.5**	*0.21*	1.13	*0.02*	2989	**7.4**	*0.17*	0.71	*0.02*
USA, Indiana	1933	**10.3**	*0.25*	1.03	*0.03*	1570	**6.9**	*0.20*	0.66	*0.02*
USA, Iowa	1420	**13.5**	*0.40*	1.43	*0.05*	1001	**7.7**	*0.31*	0.73	*0.03*
USA, Kentucky	1435	**11.3**	*0.32*	1.14	*0.04*	1103	**7.0**	*0.25*	0.66	*0.03*
USA, Louisiana	1465	**11.0**	*0.30*	1.11	*0.04*	1140	**6.9**	*0.23*	0.71	*0.03*
USA, Louisiana: Black	301	**9.0**	*0.53*	0.92	*0.07*	281	**6.3**	*0.40*	0.63	*0.05*
USA, Louisiana: White	1154	**12.0**	*0.38*	1.19	*0.05*	844	**7.1**	*0.29*	0.74	*0.03*
USA, Louisiana, New Orleans: Black	84	**8.4**	*0.94*	0.72	*0.11*	79	**6.1**	*0.72*	0.64	*0.09*
USA, Louisiana, New Orleans: White	211	**11.7**	*0.92*	1.16	*0.10*	171	**6.9**	*0.67*	0.73	*0.07*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia (C91-95) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	553	**12.2**	*0.58*	1.21	*0.07*	378	**7.2**	*0.46*	0.71	*0.05*
USA, Massachusetts	1978	**9.8**	*0.24*	1.00	*0.03*	1746	**7.1**	*0.21*	0.67	*0.02*
USA, Michigan	3415	**11.2**	*0.21*	1.14	*0.03*	2760	**7.3**	*0.16*	0.72	*0.02*
USA, Michigan: Black	292	**8.5**	*0.51*	0.95	*0.07*	296	**6.4**	*0.40*	0.69	*0.05*
USA, Michigan: White	3044	**11.6**	*0.23*	1.17	*0.03*	2389	**7.4**	*0.18*	0.71	*0.02*
USA, Michigan, Detroit	1477	**12.1**	*0.34*	1.27	*0.04*	1329	**8.3**	*0.27*	0.81	*0.03*
USA, Michigan, Detroit: Black	217	**8.8**	*0.62*	0.98	*0.08*	226	**6.6**	*0.47*	0.72	*0.06*
USA, Michigan, Detroit: White	1226	**13.2**	*0.41*	1.35	*0.05*	1075	**8.8**	*0.33*	0.84	*0.04*
USA, Missouri	1903	**10.4**	*0.26*	1.04	*0.03*	1440	**6.4**	*0.20*	0.61	*0.02*
USA, Missouri: Black	150	**10.2**	*0.85*	1.01	*0.11*	123	**6.1**	*0.58*	0.58	*0.07*
USA, Missouri: White	1738	**10.5**	*0.28*	1.05	*0.03*	1300	**6.4**	*0.22*	0.61	*0.02*
USA, Montana	363	**11.2**	*0.65*	1.10	*0.08*	251	**6.7**	*0.52*	0.67	*0.06*
USA, NPCR	74692	**10.7**	*0.04*	1.07	*0.01*	57712	**6.8**	*0.03*	0.64	*0.00*
USA, NPCR: Black	5241	**8.2**	*0.12*	0.85	*0.02*	4675	**5.4**	*0.08*	0.53	*0.01*
USA, NPCR: White	66537	**11.0**	*0.05*	1.10	*0.01*	50808	**7.0**	*0.04*	0.66	*0.00*
USA, New Jersey	3090	**11.5**	*0.23*	1.15	*0.03*	2407	**7.2**	*0.18*	0.68	*0.02*
USA, New Jersey: Black	250	**8.8**	*0.57*	0.91	*0.07*	218	**5.6**	*0.40*	0.51	*0.05*
USA, New Jersey: White	2689	**11.7**	*0.25*	1.17	*0.03*	2092	**7.4**	*0.20*	0.70	*0.02*
USA, New Mexico	643	**11.8**	*0.49*	1.22	*0.06*	428	**6.7**	*0.37*	0.59	*0.04*
USA, New Mexico: American Indian	26	**6.6**	*1.33*	0.70	*0.18*	19	**4.2**	*0.99*	0.35	*0.10*
USA, New Mexico: Hispanic White	157	**8.7**	*0.71*	0.87	*0.09*	116	**5.5**	*0.53*	0.44	*0.05*
USA, New Mexico: Non-Hispanic White	441	**13.9**	*0.77*	1.45	*0.09*	288	**8.3**	*0.66*	0.73	*0.06*
USA, New York State	6804	**11.4**	*0.15*	1.15	*0.02*	5553	**7.1**	*0.11*	0.66	*0.01*
USA, New York State: Black	526	**7.8**	*0.35*	0.77	*0.04*	543	**5.5**	*0.25*	0.52	*0.03*
USA, New York State: White	6069	**12.1**	*0.17*	1.23	*0.02*	4847	**7.4**	*0.13*	0.70	*0.01*
USA, Ohio	3491	**9.7**	*0.18*	0.97	*0.02*	2775	**6.1**	*0.14*	0.57	*0.01*
USA, Ohio: Black	259	**8.0**	*0.51*	0.83	*0.07*	216	**4.8**	*0.35*	0.45	*0.04*
USA, Ohio: White	3137	**9.7**	*0.19*	0.96	*0.02*	2490	**6.2**	*0.15*	0.58	*0.02*
USA, Oklahoma	1130	**10.3**	*0.33*	1.03	*0.04*	856	**6.4**	*0.26*	0.59	*0.03*
USA, Oregon	1144	**10.5**	*0.34*	1.08	*0.04*	888	**7.1**	*0.29*	0.67	*0.03*
USA, Pennsylvania	4892	**11.4**	*0.18*	1.16	*0.02*	3850	**7.2**	*0.15*	0.70	*0.02*
USA, Pennsylvania: Black	249	**7.8**	*0.50*	0.79	*0.07*	249	**5.7**	*0.39*	0.54	*0.04*
USA, Pennsylvania: White	4511	**11.5**	*0.20*	1.17	*0.02*	3489	**7.2**	*0.16*	0.71	*0.02*
USA, Rhode Island	411	**12.0**	*0.66*	1.15	*0.08*	308	**7.1**	*0.51*	0.68	*0.05*
USA, SEER (9 Registries)	9246	**11.4**	*0.13*	1.16	*0.02*	6957	**7.1**	*0.10*	0.66	*0.01*
USA, SEER (9 Registries): Black	597	**8.5**	*0.36*	0.91	*0.05*	509	**5.5**	*0.26*	0.55	*0.03*
USA, SEER (9 Registries): White	7939	**12.0**	*0.15*	1.22	*0.02*	5983	**7.5**	*0.12*	0.70	*0.01*
USA, SEER (14 Registries)	24462	**11.1**	*0.08*	1.11	*0.01*	18307	**7.0**	*0.06*	0.65	*0.01*
USA, SEER (14 Registries): Asian and Pacific Islander	1175	**7.1**	*0.22*	0.64	*0.02*	891	**4.8**	*0.18*	0.42	*0.02*
USA, SEER (14 Registries): Black	1669	**8.9**	*0.22*	0.93	*0.03*	1393	**5.6**	*0.16*	0.56	*0.02*
USA, SEER (14 Registries): Hispanic White	2517	**9.2**	*0.20*	0.84	*0.03*	1963	**6.6**	*0.15*	0.55	*0.02*
USA, SEER (14 Registries): Non-Hispanic White	18641	**11.8**	*0.10*	1.19	*0.01*	13749	**7.2**	*0.08*	0.68	*0.01*
USA, South Carolina	1168	**9.5**	*0.29*	0.95	*0.04*	921	**5.9**	*0.23*	0.57	*0.03*
USA, South Carolina: Black	233	**8.0**	*0.54*	0.81	*0.07*	208	**5.3**	*0.40*	0.53	*0.05*
USA, South Carolina: White	913	**9.9**	*0.36*	0.98	*0.04*	688	**6.0**	*0.28*	0.58	*0.03*
USA, Texas	6207	**11.0**	*0.14*	1.08	*0.02*	4597	**6.7**	*0.11*	0.63	*0.01*
USA, Texas: Black	510	**9.6**	*0.44*	1.02	*0.06*	410	**5.7**	*0.30*	0.53	*0.04*
USA, Texas: White	5502	**11.1**	*0.16*	1.08	*0.02*	4059	**6.9**	*0.12*	0.64	*0.01*
USA, Utah	612	**10.7**	*0.45*	1.08	*0.06*	437	**6.7**	*0.34*	0.63	*0.04*
USA, Vermont	224	**11.7**	*0.86*	1.21	*0.10*	162	**7.0**	*0.67*	0.65	*0.07*
USA, Washington State	2223	**11.9**	*0.27*	1.21	*0.03*	1605	**7.6**	*0.22*	0.74	*0.03*
USA, Washington, Seattle	1543	**12.1**	*0.33*	1.19	*0.04*	1080	**7.4**	*0.26*	0.72	*0.03*
USA, West Virginia	683	**10.4**	*0.44*	1.07	*0.05*	563	**7.0**	*0.37*	0.65	*0.04*
USA, Wisconsin	2154	**12.1**	*0.29*	1.28	*0.04*	1711	**8.0**	*0.23*	0.80	*0.03*
Asia										
Bahrain: Bahraini	62	**8.5**	*1.15*	0.79	*0.15*	37	**4.2**	*0.73*	0.43	*0.11*
China, Guangzhou City	353	**6.8**	*0.38*	0.55	*0.04*	242	**5.1**	*0.36*	0.37	*0.03**
China, Hong Kong	1032	**5.8**	*0.20*	0.52	*0.02*	828	**4.4**	*0.18*	0.36	*0.02*
China, Jiashan	52	**5.8**	*0.93*	0.45	*0.07*	41	**4.5**	*0.82*	0.39	*0.07**
China, Nangang District, Harbin City	100	**4.6**	*0.55*	0.45	*0.05*	63	**3.3**	*0.53*	0.28	*0.04*
China, Shanghai	939	**4.9**	*0.21*	0.45	*0.02*	748	**3.7**	*0.18*	0.34	*0.01**
China, Zhongshan	163	**5.2**	*0.42*	0.47	*0.04*	113	**3.6**	*0.35*	0.29	*0.03**
Cyprus	167	**8.4**	*0.69*	0.80	*0.07*	116	**5.7**	*0.59*	0.54	*0.06**
India, Chennai (Madras)	432	**4.3**	*0.21*	0.37	*0.02*	256	**2.7**	*0.18*	0.22	*0.02*
India, New Delhi	1715	**5.8**	*0.15*	0.52	*0.02*	942	**3.8**	*0.13*	0.35	*0.02**
India, Karunagappally	30	**2.9**	*0.53*	0.20	*0.04*	30	**3.0**	*0.56*	0.30	*0.07*
India, Mumbai (Bombay)	1169	**4.4**	*0.14*	0.40	*0.02*	738	**3.2**	*0.12*	0.27	*0.01*
India, Nagpur	265	**5.3**	*0.34*	0.45	*0.04*	139	**3.0**	*0.27*	0.24	*0.03**
India, Poona	245	**3.0**	*0.21*	0.28	*0.03*	175	**2.4**	*0.19*	0.22	*0.02**
India, Trivandrum	119	**4.5**	*0.42*	0.39	*0.04*	78	**2.8**	*0.32*	0.25	*0.03**
Israel	1800	**10.8**	*0.26*	1.10	*0.03*	1393	**7.0**	*0.20*	0.69	*0.02*
Israel: Jews	1531	**10.5**	*0.28*	1.06	*0.03*	1182	**6.7**	*0.21*	0.67	*0.03*
Israel: Non-Jews	160	**7.5**	*0.67*	0.76	*0.10*	102	**4.5**	*0.48*	0.42	*0.06*
Japan, Aichi Prefecture	129	**4.2**	*0.41*	0.40	*0.04*	89	**2.9**	*0.34*	0.27	*0.03*
Japan, Fukui Prefecture	157	**4.8**	*0.46*	0.50	*0.05*	96	**2.7**	*0.37*	0.25	*0.03*
Japan, Hiroshima	211	**6.5**	*0.50*	0.57	*0.05*	156	**3.8**	*0.36*	0.36	*0.04*
Japan, Miyagi Prefecture	433	**5.4**	*0.31*	0.50	*0.03*	341	**3.7**	*0.25*	0.34	*0.02*
Japan, Nagasaki Prefecture	546	**9.0**	*0.45*	0.93	*0.05*	438	**5.9**	*0.38*	0.59	*0.03*
Japan, Osaka Prefecture	1712	**6.0**	*0.17*	0.56	*0.02*	1158	**3.7**	*0.14*	0.33	*0.01*
Japan, Yamagata Prefecture	200	**4.2**	*0.37*	0.41	*0.03*	159	**3.1**	*0.35*	0.26	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia (C91-95) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	4462	**5.0**	*0.08*	0.45	*0.01*	3477	**3.7**	*0.07*	0.31	*0.01*
Korea, Busan	409	**4.9**	*0.27*	0.43	*0.03*	290	**3.1**	*0.20*	0.26	*0.02*
Korea, Daegu	289	**4.9**	*0.30*	0.44	*0.03*	242	**3.8**	*0.26*	0.34	*0.03*
Korea, Daejeon	140	**4.8**	*0.42*	0.47	*0.06*	113	**3.5**	*0.35*	0.30	*0.03*
Korea, Gwangju	157	**5.2**	*0.43*	0.46	*0.05*	125	**3.9**	*0.36*	0.33	*0.03*
Korea, Incheon	263	**4.4**	*0.29*	0.36	*0.03*	218	**3.7**	*0.26*	0.30	*0.02*
Korea, Jejudo	36	**5.4**	*0.92*	0.44	*0.10*	32	**4.0**	*0.76*	0.33	*0.06*
Korea, Seoul	1218	**5.7**	*0.18*	0.49	*0.02*	973	**4.1**	*0.14*	0.37	*0.01*
Korea, Ulsan	75	**3.9**	*0.50*	0.36	*0.06*	64	**3.5**	*0.46*	0.29	*0.05*
Kuwait: Kuwaitis	89	**5.3**	*0.65*	0.47	*0.09*	71	**3.8**	*0.51*	0.33	*0.06*
Kuwait: Non-Kuwaitis	149	**7.6**	*1.28*	0.51	*0.08*	61	**7.4**	*1.45*	0.40	*0.08*
Malaysia, Penang	157	**6.9**	*0.57*	0.60	*0.06*	120	**5.2**	*0.48*	0.42	*0.05*
Malaysia, Sarawak	233	**4.8**	*0.33*	0.39	*0.04*	181	**3.9**	*0.30*	0.34	*0.04*
Oman: Omani	151	**5.6**	*0.52*	0.55	*0.07*	109	**4.1**	*0.45*	0.40	*0.06**
Pakistan, South Karachi	204	**4.8**	*0.36*	0.39	*0.04*	126	**4.1**	*0.42*	0.36	*0.05**
Philippines, Manila	670	**6.6**	*0.29*	0.60	*0.04*	624	**5.5**	*0.24*	0.50	*0.03**
Singapore	458	**6.1**	*0.30*	0.49	*0.03*	348	**4.3**	*0.24*	0.36	*0.02*
Singapore: Chinese	359	**6.2**	*0.35*	0.49	*0.03*	276	**4.1**	*0.27*	0.35	*0.03*
Singapore: Indian	31	**5.1**	*0.96*	0.39	*0.08*	20	**3.8**	*0.87*	0.29	*0.07*
Singapore: Malay	68	**6.6**	*0.83*	0.62	*0.10*	52	**5.0**	*0.72*	0.49	*0.08*
Thailand, Chiang Mai	160	**4.6**	*0.38*	0.38	*0.03*	146	**4.0**	*0.36*	0.34	*0.03**
Thailand, Lampang	93	**4.9**	*0.54*	0.38	*0.05*	85	**4.3**	*0.49*	0.39	*0.05**
Thailand, Songkhla	108	**3.9**	*0.38*	0.39	*0.05*	118	**4.0**	*0.38*	0.32	*0.04*
Turkey, Antalya	182	**5.9**	*0.45*	0.53	*0.05*	128	**4.1**	*0.37*	0.29	*0.03**
Turkey, Izmir	413	**5.3**	*0.27*	0.49	*0.03*	321	**4.1**	*0.23*	0.37	*0.02**
Europe										
Austria	2195	**8.2**	*0.20*	0.78	*0.02*	1947	**5.3**	*0.16*	0.50	*0.02*
Austria, Tyrol	201	**9.8**	*0.74*	0.94	*0.08*	177	**6.4**	*0.60*	0.60	*0.06*
Austria, Vorarlberg	94	**9.7**	*1.07*	0.97	*0.12*	68	**6.1**	*0.90*	0.50	*0.08*
Belarus	2275	**8.4**	*0.19*	0.92	*0.02*	2158	**5.6**	*0.14*	0.60	*0.01**
Belgium, Antwerp	421	**6.4**	*0.35*	0.70	*0.04*	285	**3.6**	*0.25*	0.38	*0.03**
Belgium, Flanders	1682	**9.5**	*0.26*	0.99	*0.03*	1206	**6.2**	*0.22*	0.60	*0.02*
Bulgaria	1640	**6.0**	*0.17*	0.62	*0.02*	1297	**4.4**	*0.15*	0.42	*0.01**
Croatia	1449	**10.3**	*0.30*	1.01	*0.03*	1289	**7.2**	*0.25*	0.67	*0.02*
Czech Republic	3150	**9.8**	*0.19*	1.00	*0.02*	2488	**5.7**	*0.14*	0.57	*0.01*
Denmark	2091	**10.8**	*0.26*	1.11	*0.03*	1625	**7.2**	*0.22*	0.69	*0.02*
Estonia	346	**8.6**	*0.50*	0.88	*0.06*	371	**5.9**	*0.38*	0.63	*0.04*
Finland	1360	**8.3**	*0.25*	0.74	*0.02*	1218	**5.7**	*0.21*	0.50	*0.02*
France, Bas-Rhin	326	**10.1**	*0.59*	1.02	*0.07*	260	**6.9**	*0.50*	0.72	*0.05*
France, Calvados	212	**9.6**	*0.71*	1.00	*0.08*	178	**6.3**	*0.60*	0.63	*0.06*
France, Doubs	185	**10.6**	*0.81*	1.18	*0.10*	136	**6.7**	*0.69*	0.66	*0.07*
France, Haut-Rhin	294	**11.5**	*0.70*	1.27	*0.09*	231	**8.0**	*0.63*	0.80	*0.07*
France, Herault	293	**9.1**	*0.61*	0.94	*0.07*	219	**6.0**	*0.52*	0.55	*0.05*
France, Isere	410	**11.1**	*0.59*	1.11	*0.07*	316	**6.8**	*0.44*	0.68	*0.05*
France, Loire-Atlantique	509	**13.4**	*0.64*	1.40	*0.08*	347	**7.3**	*0.48*	0.71	*0.05*
France, Manche	190	**11.4**	*0.95*	1.10	*0.09*	147	**7.2**	*0.77*	0.69	*0.07*
France, Somme	130	**6.8**	*0.65*	0.72	*0.08*	117	**5.4**	*0.59*	0.52	*0.06*
France, Tarn	128	**9.1**	*0.98*	0.86	*0.09*	106	**5.5**	*0.78*	0.48	*0.07*
France, Vendee	135	**6.8**	*0.67*	0.67	*0.07*	74	**3.6**	*0.49*	0.35	*0.05*
Germany, Brandenburg	930	**10.8**	*0.42*	1.02	*0.04*	776	**6.5**	*0.33*	0.59	*0.03*
Germany, Free State of Saxony	1532	**9.1**	*0.28*	0.95	*0.03*	1456	**6.0**	*0.24*	0.57	*0.02*
Germany, Hamburg	524	**8.7**	*0.44*	0.84	*0.05*	462	**5.3**	*0.33*	0.52	*0.03*
Germany, Mecklenburg-Western Pomerania	675	**11.6**	*0.52*	1.12	*0.05*	549	**6.7**	*0.38*	0.67	*0.04*
Germany, Munich	688	**8.4**	*0.37*	0.79	*0.04*	563	**5.2**	*0.29*	0.50	*0.03*
Germany, Northrhine-Westphalia: Munster	841	**9.5**	*0.37*	0.91	*0.04*	770	**6.6**	*0.33*	0.55	*0.03*
Germany, Saarland	333	**9.0**	*0.59*	0.80	*0.05*	270	**4.8**	*0.38*	0.49	*0.04*
Iceland	77	**9.0**	*1.08*	1.01	*0.14*	62	**6.6**	*0.96*	0.54	*0.09*
Ireland	1207	**10.6**	*0.32*	1.08	*0.04*	848	**6.7**	*0.26*	0.62	*0.03*
Italy, Biella Province	107	**15.2**	*1.97*	1.42	*0.16*	72	**5.2**	*0.85*	0.58	*0.10*
Italy, Brescia Province	237	**11.7**	*0.89*	1.13	*0.09*	184	**6.6**	*0.64*	0.64	*0.06*
Italy, Ferrara Province	162	**9.2**	*0.97*	1.00	*0.10*	124	**6.0**	*0.98*	0.53	*0.07*
Italy, Florence and Prato	411	**9.1**	*0.61*	0.80	*0.05*	399	**6.2**	*0.49*	0.58	*0.04*
Italy, Genoa Province	248	**9.8**	*0.87*	0.94	*0.08*	212	**7.8**	*0.90*	0.67	*0.06*
Italy, Macerata Province	67	**9.2**	*1.56*	0.87	*0.13*	48	**5.6**	*1.24*	0.53	*0.10*
Italy, Milan	425	**11.3**	*0.71*	1.02	*0.06*	368	**6.9**	*0.55*	0.66	*0.04*
Italy, Modena Province	275	**11.6**	*0.86*	1.21	*0.08*	215	**6.7**	*0.65*	0.65	*0.06*
Italy, Naples	139	**10.0**	*0.88*	0.96	*0.09*	122	**7.8**	*0.76*	0.71	*0.08*
Italy, North East Cancer Surveillance Network	736	**9.2**	*0.42*	0.88	*0.04*	685	**6.5**	*0.37*	0.56	*0.03*
Italy, Parma Province	221	**11.7**	*1.04*	1.16	*0.10*	161	**8.8**	*1.12*	0.74	*0.08*
Italy, Ragusa Province	107	**9.5**	*1.08*	0.93	*0.11*	91	**7.4**	*1.01*	0.70	*0.09*
Italy, Reggio Emilia Province	203	**11.8**	*1.06*	1.10	*0.09*	140	**5.7**	*0.66*	0.57	*0.07*
Italy, Romagna Region	563	**12.8**	*0.73*	1.16	*0.07*	424	**7.5**	*0.57*	0.69	*0.05*
Italy, Salerno Province	303	**10.3**	*0.66*	0.96	*0.07*	243	**6.8**	*0.54*	0.62	*0.05*
Italy, Sassari Province	216	**11.2**	*0.83*	1.26	*0.11*	118	**6.4**	*0.74*	0.65	*0.07*
Italy, Syracuse Province	106	**10.6**	*1.21*	0.91	*0.10*	60	**4.9**	*0.77*	0.46	*0.07*
Italy, Sondrio	79	**14.1**	*1.88*	1.18	*0.16*	49	**6.3**	*1.17*	0.61	*0.11*
Italy, Torino	364	**9.5**	*0.63*	0.88	*0.06*	318	**7.3**	*0.65*	0.61	*0.05*
Italy, Umbria Region	381	**10.8**	*0.76*	1.02	*0.07*	263	**6.6**	*0.59*	0.60	*0.05*
Italy, Varese Province	187	**10.5**	*0.89*	1.02	*0.09*	162	**9.3**	*1.04*	0.82	*0.08*
Italy, Veneto Region	598	**9.9**	*0.50*	0.95	*0.05*	522	**6.5**	*0.42*	0.62	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia (C91-95) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	629	**9.3**	*0.40*	0.95	*0.04*	616	**5.9**	*0.32*	0.60	*0.03*
Lithuania	1020	**10.2**	*0.34*	1.08	*0.04*	942	**6.5**	*0.26*	0.64	*0.02*
Malta	115	**10.3**	*1.03*	0.99	*0.11*	76	**5.8**	*0.76*	0.57	*0.08*
Norway	1440	**9.1**	*0.27*	0.89	*0.03*	1098	**5.9**	*0.22*	0.53	*0.02*
Poland, Cracow	133	**6.1**	*0.59*	0.58	*0.06*	153	**6.4**	*0.68*	0.55	*0.05**
Poland, Kielce	300	**7.4**	*0.46*	0.85	*0.06*	355	**6.9**	*0.44*	0.68	*0.05*
Poland, Warsaw City	304	**6.3**	*0.42*	0.62	*0.04*	279	**4.3**	*0.37*	0.39	*0.03*
Portugal, Porto	417	**4.8**	*0.25*	0.43	*0.02*	333	**3.6**	*0.23*	0.30	*0.02**
Portugal, South Regional	663	**7.3**	*0.33*	0.70	*0.03*	495	**5.0**	*0.28*	0.45	*0.02*
Russia, St Petersburg	984	**8.3**	*0.30*	0.83	*0.03*	1250	**5.9**	*0.23*	0.59	*0.02*
Serbia	982	**7.0**	*0.26*	0.68	*0.02*	712	**4.4**	*0.20*	0.42	*0.02*
Slovak Republic	1334	**9.1**	*0.26*	0.95	*0.03*	1047	**5.7**	*0.20*	0.55	*0.02*
Slovenia	509	**8.4**	*0.41*	0.83	*0.04*	422	**5.8**	*0.37*	0.52	*0.03*
Spain, Albacete	80	**8.1**	*1.07*	0.74	*0.10*	71	**5.9**	*0.89*	0.48	*0.08*
Spain, Asturias	366	**8.1**	*0.52*	0.82	*0.05*	277	**5.7**	*0.54*	0.51	*0.04*
Spain, Basque Country	483	**7.8**	*0.43*	0.74	*0.04*	355	**5.0**	*0.35*	0.46	*0.03*
Spain, Canary Islands	365	**8.8**	*0.51*	0.81	*0.05*	257	**5.7**	*0.41*	0.57	*0.04*
Spain, Cuenca	62	**5.1**	*0.78*	0.54	*0.10*	49	**5.8**	*1.24*	0.51	*0.09*
Spain, Girona	162	**7.7**	*0.73*	0.74	*0.07*	113	**5.4**	*0.70*	0.46	*0.06*
Spain, Granada	211	**8.4**	*0.71*	0.80	*0.06*	163	**5.4**	*0.52*	0.52	*0.05*
Spain, Murcia	338	**9.0**	*0.53*	0.92	*0.06*	274	**7.1**	*0.53*	0.67	*0.05*
Spain, Navarra	145	**7.2**	*0.75*	0.72	*0.07*	96	**4.6**	*0.66*	0.37	*0.05*
Spain, Tarragona	171	**9.1**	*0.82*	0.87	*0.08*	108	**5.2**	*0.70*	0.50	*0.06*
Spain, Zaragoza	229	**7.7**	*0.67*	0.69	*0.06*	183	**5.6**	*0.62*	0.46	*0.04*
Sweden	3035	**9.0**	*0.19*	0.90	*0.02*	2274	**6.4**	*0.17*	0.60	*0.02*
Switzerland, Geneva	155	**10.7**	*0.95*	1.08	*0.12*	130	**6.3**	*0.71*	0.63	*0.08*
Switzerland, Graubunden and Glarus	68	**8.8**	*1.24*	0.92	*0.14*	48	**4.8**	*0.88*	0.44	*0.09*
Switzerland, Neuchatel	44	**8.0**	*1.37*	0.82	*0.15*	43	**6.0**	*1.27*	0.51	*0.11*
Switzerland, St Gall-Appenzell	178	**10.3**	*0.86*	0.98	*0.09*	126	**6.3**	*0.68*	0.65	*0.07*
Switzerland, Ticino	98	**9.5**	*1.17*	0.81	*0.10*	73	**4.7**	*0.73*	0.46	*0.07*
Switzerland, Valais	85	**8.4**	*1.00*	0.76	*0.11*	65	**5.8**	*0.89*	0.60	*0.09*
Switzerland, Vaud	175	**8.4**	*0.72*	0.80	*0.08*	137	**5.1**	*0.58*	0.44	*0.05*
The Netherlands	4314	**8.6**	*0.14*	0.85	*0.02*	3163	**5.4**	*0.11*	0.52	*0.01*
The Netherlands, Eindhoven	246	**7.8**	*0.54*	0.74	*0.06*	198	**5.4**	*0.44*	0.54	*0.05*
The Netherlands, Maastricht	250	**8.0**	*0.57*	0.81	*0.06*	141	**4.2**	*0.44*	0.40	*0.04*
UK, East of England Region	895	**8.6**	*0.33*	0.85	*0.04*	643	**5.4**	*0.27*	0.51	*0.03*
UK, England, Merseyside and Cheshire	654	**7.7**	*0.34*	0.69	*0.03*	515	**5.1**	*0.30*	0.42	*0.03*
UK, England, North Western	1231	**8.4**	*0.27*	0.81	*0.03*	964	**5.5**	*0.22*	0.49	*0.02*
UK, England, Northern and Yorkshire	2349	**9.8**	*0.23*	0.96	*0.02*	1954	**6.7**	*0.19*	0.62	*0.02*
UK, England, Oxford Region	900	**9.9**	*0.36*	1.00	*0.04*	656	**6.1**	*0.29*	0.58	*0.03*
UK, England, South and Western Regions	2547	**9.6**	*0.22*	0.90	*0.02*	2076	**6.2**	*0.18*	0.57	*0.02*
UK, England, Thames	4448	**9.4**	*0.16*	0.91	*0.02*	3417	**5.8**	*0.13*	0.54	*0.01*
UK, England, Trent	1596	**8.8**	*0.25*	0.84	*0.03*	1140	**5.3**	*0.20*	0.47	*0.02*
UK, England, West Midlands	1776	**9.1**	*0.24*	0.92	*0.03*	1357	**6.0**	*0.20*	0.58	*0.02*
UK, Northern Ireland	473	**9.0**	*0.45*	0.88	*0.05*	325	**4.9**	*0.32*	0.46	*0.03*
UK, Scotland	1746	**9.9**	*0.27*	0.99	*0.03*	1331	**6.1**	*0.22*	0.56	*0.02*
Oceania										
Australia, New South Wales	2640	**12.3**	*0.26*	1.23	*0.03*	1827	**7.5**	*0.21*	0.71	*0.02*
Australia, Northern Territory	26	**6.7**	*1.38*	0.60	*0.18*	20	**4.6**	*1.07*	0.26	*0.07*
Australia, Queensland	1483	**12.9**	*0.36*	1.28	*0.04*	1048	**8.3**	*0.29*	0.82	*0.03*
Australia, South	770	**14.2**	*0.56*	1.48	*0.07*	577	**9.1**	*0.46*	0.92	*0.05*
Australia, Tasmania	162	**10.0**	*0.85*	1.03	*0.10*	118	**6.4**	*0.72*	0.52	*0.07*
Australia, Victoria	1615	**10.3**	*0.28*	0.96	*0.03*	1212	**6.6**	*0.23*	0.58	*0.02*
Australia, Western	588	**10.1**	*0.44*	1.00	*0.05*	389	**6.3**	*0.36*	0.58	*0.04*
Australian Capital Territory	94	**11.8**	*1.26*	1.02	*0.14*	66	**6.8**	*0.92*	0.64	*0.11*
French Polynesia	45	**9.7**	*1.50*	1.00	*0.20*	38	**8.4**	*1.40*	0.93	*0.19*
New Zealand	1776	**14.8**	*0.37*	1.51	*0.05*	1253	**8.7**	*0.28*	0.89	*0.03*
USA, Hawaii	384	**9.5**	*0.53*	0.95	*0.06*	269	**6.6**	*0.47*	0.57	*0.04*
USA, Hawaii: Chinese	20	**5.9**	*1.59*	0.66	*0.19*	15	**4.1**	*1.37*	0.29	*0.11*
USA, Hawaii: Filipino	46	**7.2**	*1.18*	0.62	*0.12*	27	**4.2**	*0.89*	0.40	*0.09*
USA, Hawaii: Hawaiian	57	**10.8**	*1.46*	1.10	*0.20*	45	**8.1**	*1.23*	0.82	*0.15*
USA, Hawaii: Japanese	91	**9.2**	*1.41*	0.79	*0.12*	69	**6.5**	*1.19*	0.56	*0.09*
USA, Hawaii: White	124	**11.2**	*1.16*	1.21	*0.14*	77	**7.5**	*1.10*	0.58	*0.09*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Lymphoid leukaemia (C91)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	37	**1.2**	*0.22*	-	-	27	**0.9**	*0.18*	-	- *
Egypt, Gharbiah	174	**3.1**	*0.26*	-	-	114	**1.9**	*0.19*	-	-
Tunisia, Centre, Sousse	23	**2.2**	*0.46*	-	-	22	**2.0**	*0.43*	-	- *
Uganda, Kyadondo County	16	**0.6**	*0.20*	-	-	14	**0.5**	*0.23*	-	- *
Zimbabwe, Harare: African	30	**1.1**	*0.25*	-	-	12	**0.5**	*0.20*	-	- *
America, Central and South										
Argentina, Bahia Blanca	45	**6.1**	*1.13*	0.53	*0.11*	35	**4.5**	*1.00*	0.29	*0.07*
Brazil, Brasilia	84	**2.7**	*0.33*	0.21	*0.04*	53	**1.6**	*0.23*	0.12	*0.03*
Brazil, Cuiaba	26	**3.1**	*0.65*	0.27	*0.09*	23	**2.5**	*0.54*	0.18	*0.06*
Brazil, Goiania	44	**2.8**	*0.43*	0.26	*0.06*	37	**1.9**	*0.32*	0.18	*0.04*
Brazil, Sao Paulo	788	**3.6**	*0.14*	0.30	*0.01*	592	**2.3**	*0.10*	0.18	*0.01*
Chile, Valdivia	28	**3.6**	*0.68*	0.22	*0.05*	24	**2.6**	*0.54*	0.21	*0.06*
Colombia, Cali	138	**3.5**	*0.30*	0.25	*0.03*	141	**3.2**	*0.27*	0.21	*0.02*
Costa Rica	293	**3.1**	*0.19*	0.22	*0.02*	233	**2.5**	*0.17*	0.17	*0.02*
Ecuador, Quito	113	**3.7**	*0.36*	0.28	*0.04*	107	**3.2**	*0.32*	0.24	*0.03*
France, La Martinique	28	**2.6**	*0.53*	0.18	*0.05*	19	**1.8**	*0.46*	0.14	*0.04*
Peru, Trujillo	29	**2.2**	*0.43*	0.15	*0.04*	25	**2.0**	*0.42*	0.18	*0.05* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	4577	**6.5**	*0.10*	0.63	*0.01*	2979	**3.6**	*0.08*	0.34	*0.01*
Canada, Alberta	669	**8.0**	*0.32*	0.85	*0.04*	439	**4.8**	*0.26*	0.48	*0.03*
Canada, British Columbia	685	**5.5**	*0.24*	0.53	*0.03*	444	**3.2**	*0.19*	0.27	*0.02*
Canada, Manitoba	297	**7.9**	*0.50*	0.84	*0.06*	198	**4.4**	*0.38*	0.43	*0.04*
Canada, New Brunswick	119	**5.5**	*0.58*	0.53	*0.06*	80	**3.3**	*0.44*	0.32	*0.04*
Canada, Newfoundland and Labrador	40	**3.1**	*0.55*	0.25	*0.04*	22	**2.2**	*0.53*	0.13	*0.03*
Canada, Northwest Territories	1	**1.8**	*1.81*	0.30	*0.30*	2	**3.3**	*2.36*	0.49	*0.37*
Canada, Nova Scotia	156	**5.5**	*0.49*	0.50	*0.05*	103	**3.1**	*0.39*	0.25	*0.03*
Canada, Ontario	2267	**6.4**	*0.15*	0.61	*0.02*	1481	**3.5**	*0.11*	0.33	*0.01*
Canada, Prince Edward Island	29	**6.8**	*1.38*	0.64	*0.14*	14	**3.3**	*1.14*	0.25	*0.09*
Canada, Saskatchewan	314	**8.9**	*0.56*	0.99	*0.07*	196	**4.5**	*0.39*	0.49	*0.05*
USA, Alabama	524	**3.9**	*0.18*	0.39	*0.02*	413	**2.5**	*0.14*	0.23	*0.01*
USA, Alabama: Black	75	**2.8**	*0.33*	0.28	*0.04*	75	**2.0**	*0.25*	0.17	*0.03*
USA, Alabama: White	436	**4.2**	*0.23*	0.41	*0.02*	327	**2.6**	*0.18*	0.24	*0.02*
USA, Alaska	70	**4.9**	*0.61*	0.47	*0.08*	51	**3.8**	*0.55*	0.35	*0.07*
USA, Arizona	695	**4.7**	*0.19*	0.40	*0.02*	443	**2.7**	*0.15*	0.22	*0.01*
USA, California	5009	**5.5**	*0.08*	0.52	*0.01*	3308	**3.3**	*0.06*	0.27	*0.01*
USA, California: Asian and Pacific Islander	247	**2.7**	*0.18*	0.22	*0.02*	188	**1.9**	*0.15*	0.13	*0.01*
USA, California: Black	232	**4.1**	*0.27*	0.42	*0.04*	150	**2.1**	*0.18*	0.20	*0.02*
USA, California: Hispanic White	1079	**4.8**	*0.16*	0.39	*0.02*	736	**3.2**	*0.12*	0.23	*0.01*
USA, California: Non-Hispanic White	3298	**5.9**	*0.12*	0.57	*0.01*	2123	**3.4**	*0.10*	0.29	*0.01*
USA, California, Greater San Francisco Bay Area	869	**5.0**	*0.18*	0.46	*0.02*	602	**3.0**	*0.15*	0.23	*0.01*
USA, California, Greater San Francisco Bay Area: Black	48	**3.8**	*0.56*	0.42	*0.08*	25	**1.4**	*0.32*	0.08	*0.02*
USA, California, Greater San Francisco Bay Area: Chinese	34	**3.3**	*0.62*	0.25	*0.05*	18	**1.3**	*0.36*	0.10	*0.03*
USA, California, Greater San Francisco Bay Area: Filipino	19	**2.8**	*0.68*	0.20	*0.05*	9	**1.1**	*0.42*	0.08	*0.03*
USA, California, Greater San Francisco Bay Area: Japanese	2	**0.3**	*0.21*	-	-	3	**0.6**	*0.39*	0.07	*0.05*
USA, California, Greater San Francisco Bay Area: Hispanic White	136	**4.9**	*0.44*	0.40	*0.05*	95	**3.2**	*0.34*	0.22	*0.03*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	568	**5.3**	*0.27*	0.52	*0.03*	419	**3.5**	*0.24*	0.28	*0.02*
USA, California, Los Angeles County	1367	**5.7**	*0.16*	0.52	*0.02*	923	**3.4**	*0.12*	0.29	*0.01*
USA, California, Los Angeles County: Black	100	**4.2**	*0.43*	0.47	*0.06*	78	**2.5**	*0.30*	0.27	*0.04*
USA, California, Los Angeles County: Chinese	23	**2.8**	*0.62*	0.21	*0.05*	20	**2.3**	*0.60*	0.16	*0.04*
USA, California, Los Angeles County: Filipino	14	**2.6**	*0.74*	0.22	*0.06*	11	**1.8**	*0.60*	0.15	*0.05*
USA, California, Los Angeles County: Japanese	10	**3.6**	*1.47*	0.26	*0.09*	6	**0.9**	*0.42*	0.08	*0.05*
USA, California, Los Angeles County: Korean	6	**1.7**	*0.74*	0.13	*0.06*	8	**1.8**	*0.75*	0.10	*0.04*
USA, California, Los Angeles County: Hispanic White	403	**4.8**	*0.26*	0.42	*0.03*	306	**3.3**	*0.19*	0.25	*0.02*
USA, California, Los Angeles County: Non-Hispanic White	746	**6.7**	*0.30*	0.63	*0.03*	451	**3.6**	*0.24*	0.32	*0.02*
USA, Colorado	704	**6.0**	*0.24*	0.56	*0.03*	449	**3.4**	*0.18*	0.30	*0.02*
USA, Connecticut	601	**5.7**	*0.26*	0.56	*0.03*	422	**3.5**	*0.21*	0.31	*0.02*
USA, Connecticut: Black	18	**2.4**	*0.59*	0.29	*0.09*	15	**1.6**	*0.43*	0.13	*0.04*
USA, Connecticut: White	560	**5.9**	*0.29*	0.58	*0.03*	399	**3.7**	*0.24*	0.33	*0.02*
USA, District of Columbia	41	**3.1**	*0.53*	0.28	*0.05*	36	**1.8**	*0.36*	0.17	*0.04*
USA, District of Columbia: Black	27	**3.4**	*0.69*	0.34	*0.07*	23	**1.3**	*0.35*	0.13	*0.04*
USA, District of Columbia: White	10	**1.8**	*0.69*	0.12	*0.06*	9	**2.4**	*1.00*	0.21	*0.08*
USA, Florida	3265	**5.5**	*0.11*	0.53	*0.01*	2338	**3.3**	*0.09*	0.30	*0.01*
USA, Florida: Black	186	**3.5**	*0.26*	0.37	*0.04*	157	**2.4**	*0.20*	0.21	*0.02*
USA, Florida: White	3040	**5.9**	*0.13*	0.55	*0.01*	2149	**3.5**	*0.11*	0.31	*0.01*
USA, Georgia	895	**4.4**	*0.15*	0.41	*0.02*	609	**2.5**	*0.11*	0.22	*0.01*
USA, Georgia: Black	168	**3.6**	*0.28*	0.37	*0.04*	124	**1.9**	*0.18*	0.19	*0.02*
USA, Georgia: White	705	**4.8**	*0.19*	0.42	*0.02*	474	**2.8**	*0.15*	0.24	*0.01*
USA, Georgia, Atlanta	308	**4.9**	*0.29*	0.47	*0.03*	202	**2.7**	*0.21*	0.23	*0.02*
USA, Georgia, Atlanta: Black	67	**3.8**	*0.50*	0.41	*0.07*	40	**1.6**	*0.26*	0.15	*0.03*
USA, Georgia, Atlanta: White	228	**5.7**	*0.40*	0.51	*0.04*	157	**3.4**	*0.31*	0.28	*0.03*
USA, Idaho	236	**5.9**	*0.41*	0.54	*0.05*	151	**3.5**	*0.33*	0.30	*0.03*
USA, Illinois	1927	**5.4**	*0.13*	0.52	*0.02*	1408	**3.1**	*0.10*	0.29	*0.01*
USA, Illinois: Black	188	**4.3**	*0.32*	0.48	*0.04*	135	**2.3**	*0.21*	0.23	*0.03*
USA, Illinois: White	1665	**5.5**	*0.15*	0.52	*0.02*	1221	**3.3**	*0.12*	0.29	*0.01*
USA, Indiana	905	**5.0**	*0.18*	0.47	*0.02*	685	**3.2**	*0.15*	0.28	*0.01*
USA, Iowa	760	**7.6**	*0.31*	0.78	*0.04*	465	**3.9**	*0.24*	0.35	*0.02*
USA, Kentucky	748	**6.2**	*0.24*	0.62	*0.03*	536	**3.6**	*0.19*	0.32	*0.02*
USA, Louisiana	688	**5.5**	*0.22*	0.53	*0.03*	464	**2.9**	*0.16*	0.28	*0.02*
USA, Louisiana: Black	140	**4.3**	*0.37*	0.44	*0.05*	105	**2.4**	*0.25*	0.22	*0.03*
USA, Louisiana: White	546	**6.1**	*0.29*	0.57	*0.03*	355	**3.1**	*0.20*	0.31	*0.02*
USA, Louisiana, New Orleans: Black	36	**3.6**	*0.61*	0.27	*0.07*	24	**2.1**	*0.45*	0.20	*0.05*
USA, Louisiana, New Orleans: White	97	**6.2**	*0.74*	0.57	*0.07*	60	**2.5**	*0.44*	0.27	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Lymphoid leukaemia (C91) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	309	**7.2**	*0.46*	0.68	*0.05*	179	**3.6**	*0.34*	0.33	*0.03*
USA, Massachusetts	932	**5.0**	*0.18*	0.48	*0.02*	772	**3.5**	*0.16*	0.31	*0.01*
USA, Michigan	1657	**5.7**	*0.15*	0.56	*0.02*	1174	**3.4**	*0.12*	0.32	*0.01*
USA, Michigan: Black	114	**3.4**	*0.33*	0.37	*0.04*	130	**2.8**	*0.27*	0.31	*0.04*
USA, Michigan: White	1495	**6.1**	*0.17*	0.58	*0.02*	1005	**3.4**	*0.13*	0.31	*0.01*
USA, Michigan, Detroit	699	**6.0**	*0.24*	0.60	*0.03*	556	**3.7**	*0.19*	0.36	*0.02*
USA, Michigan, Detroit: Black	86	**3.5**	*0.39*	0.38	*0.05*	105	**3.1**	*0.33*	0.35	*0.04*
USA, Michigan, Detroit: White	593	**6.7**	*0.31*	0.66	*0.03*	444	**4.0**	*0.24*	0.37	*0.02*
USA, Missouri	831	**5.0**	*0.19*	0.48	*0.02*	534	**2.7**	*0.14*	0.24	*0.01*
USA, Missouri: Black	68	**4.9**	*0.60*	0.52	*0.08*	43	**2.4**	*0.39*	0.20	*0.04*
USA, Missouri: White	752	**5.0**	*0.20*	0.48	*0.02*	487	**2.7**	*0.15*	0.25	*0.01*
USA, Montana	168	**5.2**	*0.45*	0.48	*0.05*	109	**3.4**	*0.40*	0.31	*0.04*
USA, NPCR	35444	**5.4**	*0.03*	0.52	*0.00*	25064	**3.2**	*0.02*	0.28	*0.00*
USA, NPCR: Black	2308	**3.7**	*0.08*	0.38	*0.01*	1827	**2.2**	*0.05*	0.21	*0.01*
USA, NPCR: White	31706	**5.7**	*0.04*	0.54	*0.00*	22147	**3.4**	*0.03*	0.29	*0.00*
USA, New Jersey	1515	**5.9**	*0.17*	0.58	*0.02*	1112	**3.6**	*0.13*	0.32	*0.01*
USA, New Jersey: Black	111	**4.1**	*0.39*	0.41	*0.05*	93	**2.5**	*0.28*	0.24	*0.03*
USA, New Jersey: White	1334	**6.2**	*0.19*	0.60	*0.02*	967	**3.7**	*0.15*	0.33	*0.01*
USA, New Mexico	376	**7.2**	*0.40*	0.72	*0.05*	216	**3.7**	*0.29*	0.31	*0.03*
USA, New Mexico: American Indian	15	**3.7**	*0.98*	0.30	*0.10*	9	**2.0**	*0.69*	0.13	*0.05*
USA, New Mexico: Hispanic White	83	**4.7**	*0.53*	0.43	*0.06*	58	**2.8**	*0.39*	0.21	*0.04*
USA, New Mexico: Non-Hispanic White	268	**8.8**	*0.63*	0.90	*0.07*	146	**4.8**	*0.54*	0.40	*0.04*
USA, New York State	3319	**5.8**	*0.11*	0.57	*0.01*	2577	**3.5**	*0.09*	0.31	*0.01*
USA, New York State: Black	238	**3.6**	*0.24*	0.37	*0.03*	242	**2.5**	*0.18*	0.23	*0.02*
USA, New York State: White	3009	**6.3**	*0.13*	0.61	*0.01*	2272	**3.8**	*0.10*	0.34	*0.01*
USA, Ohio	1584	**4.7**	*0.13*	0.45	*0.01*	1080	**2.6**	*0.10*	0.22	*0.01*
USA, Ohio: Black	106	**3.3**	*0.32*	0.30	*0.04*	81	**1.8**	*0.22*	0.17	*0.03*
USA, Ohio: White	1428	**4.8**	*0.14*	0.45	*0.02*	963	**2.7**	*0.11*	0.22	*0.01*
USA, Oklahoma	475	**4.8**	*0.24*	0.43	*0.02*	322	**2.6**	*0.18*	0.22	*0.02*
USA, Oregon	615	**5.9**	*0.26*	0.60	*0.03*	415	**3.7**	*0.22*	0.30	*0.02*
USA, Pennsylvania	2292	**5.8**	*0.14*	0.55	*0.01*	1653	**3.4**	*0.11*	0.30	*0.01*
USA, Pennsylvania: Black	107	**3.3**	*0.33*	0.30	*0.04*	102	**2.3**	*0.25*	0.21	*0.03*
USA, Pennsylvania: White	2119	**5.9**	*0.15*	0.56	*0.02*	1490	**3.4**	*0.12*	0.31	*0.01*
USA, Rhode Island	200	**6.5**	*0.51*	0.60	*0.05*	128	**3.4**	*0.38*	0.31	*0.04*
USA, SEER (9 Registries)	4552	**5.9**	*0.09*	0.59	*0.01*	3028	**3.4**	*0.07*	0.30	*0.01*
USA, SEER (9 Registries): Black	249	**3.7**	*0.24*	0.40	*0.03*	199	**2.2**	*0.17*	0.22	*0.02*
USA, SEER (9 Registries): White	4022	**6.5**	*0.11*	0.63	*0.01*	2664	**3.7**	*0.09*	0.32	*0.01*
USA, SEER (14 Registries)	11971	**5.8**	*0.06*	0.56	*0.01*	8086	**3.4**	*0.04*	0.29	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	390	**2.7**	*0.14*	0.22	*0.01*	292	**1.9**	*0.12*	0.13	*0.01*
USA, SEER (14 Registries): Black	727	**4.0**	*0.15*	0.41	*0.02*	559	**2.4**	*0.11*	0.23	*0.01*
USA, SEER (14 Registries): Hispanic White	1360	**4.8**	*0.14*	0.39	*0.02*	949	**3.2**	*0.11*	0.23	*0.01*
USA, SEER (14 Registries): Non-Hispanic White	9184	**6.2**	*0.07*	0.61	*0.01*	6078	**3.5**	*0.06*	0.31	*0.01*
USA, South Carolina	565	**4.9**	*0.22*	0.47	*0.02*	395	**2.8**	*0.17*	0.25	*0.02*
USA, South Carolina: Black	106	**3.8**	*0.38*	0.39	*0.05*	76	**2.0**	*0.26*	0.20	*0.03*
USA, South Carolina: White	448	**5.3**	*0.28*	0.50	*0.03*	309	**3.0**	*0.22*	0.26	*0.02*
USA, Texas	2969	**5.5**	*0.11*	0.53	*0.01*	2123	**3.4**	*0.08*	0.29	*0.01*
USA, Texas: Black	227	**4.4**	*0.30*	0.47	*0.04*	147	**2.0**	*0.18*	0.17	*0.02*
USA, Texas: White	2625	**5.6**	*0.12*	0.53	*0.01*	1895	**3.5**	*0.09*	0.30	*0.01*
USA, Utah	308	**5.7**	*0.33*	0.57	*0.04*	195	**3.1**	*0.24*	0.27	*0.03*
USA, Vermont	121	**6.8**	*0.69*	0.64	*0.07*	72	**3.5**	*0.51*	0.30	*0.05*
USA, Washington State	1150	**6.4**	*0.21*	0.65	*0.03*	748	**3.8**	*0.17*	0.35	*0.02*
USA, Washington, Seattle	800	**6.6**	*0.25*	0.63	*0.03*	483	**3.5**	*0.19*	0.33	*0.02*
USA, West Virginia	338	**5.4**	*0.33*	0.56	*0.04*	230	**3.1**	*0.27*	0.27	*0.02*
USA, Wisconsin	1029	**6.2**	*0.21*	0.63	*0.02*	773	**4.0**	*0.18*	0.38	*0.02*
Asia										
Bahrain: Bahraini	26	**3.3**	*0.71*	0.27	*0.09*	13	**1.1**	*0.32*	0.06	*0.02*
China, Guangzhou City	139	**3.0**	*0.27*	0.23	*0.02*	98	**2.5**	*0.27*	0.16	*0.02**
China, Hong Kong	304	**2.2**	*0.14*	0.15	*0.01*	223	**1.6**	*0.13*	0.11	*0.01*
China, Jiashan	6	**0.9**	*0.41*	0.05	*0.02*	5	**0.9**	*0.40*	0.05	*0.02**
China, Nangang District, Harbin City	29	**1.5**	*0.32*	0.16	*0.03*	20	**1.1**	*0.34*	0.09	*0.02*
China, Shanghai	252	**1.6**	*0.14*	0.12	*0.01*	151	**1.0**	*0.11*	0.08	*0.01**
China, Zhongshan	40	**1.4**	*0.22*	0.12	*0.02*	37	**1.4**	*0.24*	0.09	*0.02**
Cyprus	99	**5.2**	*0.55*	0.52	*0.06*	61	**3.1**	*0.46*	0.27	*0.04**
India, Chennai (Madras)	174	**1.9**	*0.15*	0.13	*0.01*	90	**1.0**	*0.11*	0.06	*0.01*
India, New Delhi	761	**2.6**	*0.10*	0.21	*0.01*	336	**1.3**	*0.08*	0.11	*0.01**
India, Karunagappally	14	**1.4**	*0.37*	0.09	*0.02*	15	**1.5**	*0.41*	0.14	*0.05*
India, Mumbai (Bombay)	480	**1.8**	*0.09*	0.15	*0.01*	271	**1.2**	*0.07*	0.09	*0.01*
India, Nagpur	98	**2.0**	*0.21*	0.14	*0.02*	41	**0.9**	*0.15*	0.07	*0.01**
India, Poona	104	**1.2**	*0.13*	0.09	*0.01*	64	**0.9**	*0.11*	0.07	*0.01**
India, Trivandrum	55	**2.2**	*0.30*	0.17	*0.03*	25	**1.0**	*0.20*	0.07	*0.02**
Israel	1028	**6.2**	*0.20*	0.64	*0.03*	731	**3.5**	*0.14*	0.34	*0.02*
Israel: Jews	879	**6.1**	*0.22*	0.63	*0.03*	628	**3.5**	*0.15*	0.34	*0.02*
Israel: Non-Jews	81	**3.7**	*0.46*	0.34	*0.06*	38	**1.5**	*0.27*	0.15	*0.04*
Japan, Aichi Prefecture	34	**1.5**	*0.29*	0.11	*0.02*	27	**1.1**	*0.25*	0.08	*0.02*
Japan, Fukui Prefecture	31	**1.4**	*0.30*	0.12	*0.02*	20	**1.0**	*0.27*	0.07	*0.02*
Japan, Hiroshima	55	**2.3**	*0.35*	0.17	*0.02*	42	**1.3**	*0.25*	0.10	*0.02*
Japan, Miyagi Prefecture	113	**1.8**	*0.20*	0.14	*0.01*	110	**1.4**	*0.18*	0.12	*0.01*
Japan, Nagasaki Prefecture	295	**4.7**	*0.32*	0.52	*0.04*	279	**3.4**	*0.28*	0.37	*0.03*
Japan, Osaka Prefecture	525	**2.2**	*0.11*	0.18	*0.01*	401	**1.5**	*0.10*	0.12	*0.01*
Japan, Yamagata Prefecture	44	**1.3**	*0.24*	0.11	*0.02*	35	**0.8**	*0.20*	0.06	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Lymphoid leukaemia (C91) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	1234	**1.6**	*0.05*	0.11	*0.00*	885	**1.1**	*0.04*	0.07	*0.00*
Korea, Busan	128	**1.7**	*0.16*	0.11	*0.01*	66	**1.0**	*0.13*	0.06	*0.01*
Korea, Daegu	72	**1.4**	*0.17*	0.10	*0.01*	64	**1.2**	*0.16*	0.08	*0.01*
Korea, Daejeon	44	**1.5**	*0.24*	0.14	*0.03*	29	**1.1**	*0.21*	0.07	*0.01*
Korea, Gwangju	38	**1.4**	*0.23*	0.09	*0.02*	44	**1.5**	*0.23*	0.11	*0.02*
Korea, Incheon	76	**1.4**	*0.17*	0.09	*0.01*	64	**1.2**	*0.16*	0.08	*0.01*
Korea, Jejudo	10	**1.4**	*0.48*	0.07	*0.02*	4	**0.6**	*0.31*	0.04	*0.02*
Korea, Seoul	365	**1.9**	*0.11*	0.13	*0.01*	263	**1.3**	*0.09*	0.09	*0.01*
Korea, Ulsan	19	**1.0**	*0.24*	0.06	*0.02*	18	**1.1**	*0.26*	0.08	*0.02*
Kuwait: Kuwaitis	50	**2.3**	*0.39*	0.17	*0.05*	33	**1.5**	*0.30*	0.10	*0.03*
Kuwait: Non-Kuwaitis	71	**5.2**	*1.12*	0.32	*0.06*	26	**4.8**	*1.24*	0.23	*0.06*
Malaysia, Penang	48	**2.2**	*0.32*	0.12	*0.02*	39	**1.9**	*0.31*	0.11	*0.02*
Malaysia, Sarawak	101	**1.9**	*0.20*	0.12	*0.02*	67	**1.3**	*0.16*	0.08	*0.01*
Oman: Omani	77	**2.4**	*0.33*	0.24	*0.05*	47	**1.5**	*0.26*	0.15	*0.04**
Pakistan, South Karachi	95	**2.0**	*0.22*	0.13	*0.02*	44	**1.3**	*0.23*	0.10	*0.03**
Philippines, Manila	230	**1.9**	*0.14*	0.13	*0.01*	185	**1.5**	*0.12*	0.11	*0.01**
Singapore	166	**2.6**	*0.21*	0.17	*0.02*	92	**1.4**	*0.16*	0.09	*0.01*
Singapore: Chinese	120	**2.5**	*0.24*	0.17	*0.02*	69	**1.4**	*0.18*	0.09	*0.01*
Singapore: Indian	18	**3.1**	*0.77*	0.21	*0.05*	6	**1.4**	*0.57*	0.06	*0.03*
Singapore: Malay	28	**2.5**	*0.48*	0.15	*0.04*	17	**1.6**	*0.40*	0.12	*0.04*
Thailand, Chiang Mai	51	**1.7**	*0.25*	0.10	*0.02*	45	**1.6**	*0.25*	0.10	*0.02**
Thailand, Lampang	32	**2.0**	*0.38*	0.10	*0.02*	25	**1.5**	*0.32*	0.11	*0.02**
Thailand, Songkhla	31	**1.1**	*0.21*	0.09	*0.02*	36	**1.3**	*0.23*	0.09	*0.02*
Turkey, Antalya	86	**3.0**	*0.32*	0.22	*0.03*	57	**1.9**	*0.26*	0.11	*0.02**
Turkey, Izmir	202	**2.7**	*0.20*	0.21	*0.02*	145	**2.0**	*0.17*	0.16	*0.02**
Europe										
Austria	1103	**4.4**	*0.15*	0.39	*0.01*	862	**2.6**	*0.12*	0.22	*0.01*
Austria, Tyrol	135	**7.0**	*0.65*	0.66	*0.07*	101	**3.8**	*0.49*	0.31	*0.04*
Austria, Vorarlberg	54	**5.9**	*0.86*	0.59	*0.10*	30	**2.9**	*0.64*	0.25	*0.05*
Belarus	1319	**5.0**	*0.15*	0.55	*0.02*	1151	**3.1**	*0.11*	0.32	*0.01**
Belgium, Antwerp	223	**3.5**	*0.26*	0.38	*0.03*	137	**1.8**	*0.19*	0.18	*0.02**
Belgium, Flanders	908	**5.3**	*0.20*	0.55	*0.02*	563	**3.1**	*0.17*	0.29	*0.01*
Bulgaria	778	**3.0**	*0.13*	0.29	*0.01*	545	**2.0**	*0.12*	0.18	*0.01**
Croatia	784	**5.9**	*0.24*	0.55	*0.02*	662	**3.9**	*0.20*	0.34	*0.02*
Czech Republic	1906	**6.0**	*0.16*	0.62	*0.02*	1275	**2.9**	*0.10*	0.28	*0.01*
Denmark	1194	**6.5**	*0.21*	0.65	*0.02*	875	**3.9**	*0.17*	0.37	*0.02*
Estonia	198	**4.9**	*0.37*	0.52	*0.04*	211	**3.4**	*0.30*	0.35	*0.03*
Finland	749	**4.9**	*0.20*	0.41	*0.02*	579	**3.1**	*0.17*	0.24	*0.01*
France, Bas-Rhin	171	**5.6**	*0.46*	0.56	*0.05*	121	**3.3**	*0.36*	0.34	*0.04*
France, Calvados	129	**5.7**	*0.54*	0.62	*0.07*	103	**3.5**	*0.45*	0.33	*0.05*
France, Doubs	103	**6.0**	*0.61*	0.68	*0.08*	80	**4.2**	*0.56*	0.42	*0.06*
France, Haut-Rhin	154	**6.1**	*0.52*	0.71	*0.07*	118	**3.9**	*0.44*	0.39	*0.05*
France, Herault	169	**5.3**	*0.47*	0.54	*0.05*	118	**3.4**	*0.42*	0.30	*0.04*
France, Isere	210	**6.2**	*0.46*	0.58	*0.05*	139	**3.1**	*0.30*	0.33	*0.04*
France, Loire-Atlantique	321	**8.6**	*0.52*	0.91	*0.06*	212	**4.4**	*0.37*	0.45	*0.04*
France, Manche	115	**7.1**	*0.77*	0.64	*0.07*	74	**3.9**	*0.58*	0.40	*0.05*
France, Somme	71	**3.9**	*0.52*	0.39	*0.06*	64	**3.1**	*0.46*	0.30	*0.05*
France, Tarn	69	**5.4**	*0.80*	0.52	*0.07*	57	**3.3**	*0.66*	0.25	*0.05*
France, Vendee	74	**3.6**	*0.47*	0.37	*0.05*	34	**1.7**	*0.35*	0.16	*0.03*
Germany, Brandenburg	473	**6.0**	*0.34*	0.55	*0.03*	338	**3.1**	*0.25*	0.27	*0.02*
Germany, Free State of Saxony	791	**5.0**	*0.22*	0.53	*0.02*	615	**2.9**	*0.18*	0.27	*0.01*
Germany, Hamburg	261	**4.6**	*0.34*	0.43	*0.03*	191	**2.3**	*0.24*	0.22	*0.02*
Germany, Mecklenburg-Western Pomerania	357	**6.4**	*0.41*	0.61	*0.04*	261	**3.3**	*0.30*	0.32	*0.03*
Germany, Munich	346	**4.6**	*0.29*	0.43	*0.03*	251	**2.7**	*0.23*	0.24	*0.02*
Germany, Northrhine-Westphalia: Munster	375	**4.8**	*0.29*	0.44	*0.03*	308	**3.2**	*0.25*	0.26	*0.02*
Germany, Saarland	151	**4.6**	*0.45*	0.36	*0.04*	105	**2.1**	*0.27*	0.20	*0.03*
Iceland	47	**5.7**	*0.88*	0.59	*0.11*	36	**4.0**	*0.78*	0.31	*0.07*
Ireland	670	**6.1**	*0.25*	0.61	*0.03*	447	**3.7**	*0.20*	0.35	*0.02*
Italy, Biella Province	56	**8.2**	*1.55*	0.75	*0.12*	41	**2.8**	*0.65*	0.27	*0.07*
Italy, Brescia Province	130	**7.1**	*0.75*	0.64	*0.07*	78	**3.1**	*0.49*	0.28	*0.04*
Italy, Ferrara Province	85	**4.9**	*0.68*	0.58	*0.08*	48	**3.0**	*0.83*	0.26	*0.05*
Italy, Florence and Prato	186	**4.9**	*0.51*	0.40	*0.04*	179	**3.1**	*0.39*	0.27	*0.03*
Italy, Genoa Province	130	**5.7**	*0.74*	0.52	*0.06*	90	**3.8**	*0.73*	0.31	*0.05*
Italy, Macerata Province	35	**5.6**	*1.33*	0.54	*0.11*	16	**2.6**	*1.04*	0.21	*0.07*
Italy, Milan	241	**6.8**	*0.58*	0.61	*0.05*	194	**4.0**	*0.46*	0.37	*0.03*
Italy, Modena Province	160	**7.3**	*0.72*	0.76	*0.07*	107	**3.7**	*0.51*	0.36	*0.04*
Italy, Naples	45	**3.4**	*0.53*	0.27	*0.05*	35	**2.8**	*0.51*	0.22	*0.04*
Italy, North East Cancer Surveillance Network	351	**4.9**	*0.34*	0.43	*0.03*	295	**3.0**	*0.28*	0.24	*0.02*
Italy, Parma Province	107	**6.1**	*0.84*	0.57	*0.07*	92	**5.7**	*0.95*	0.45	*0.07*
Italy, Ragusa Province	52	**5.3**	*0.88*	0.49	*0.08*	41	**3.6**	*0.74*	0.33	*0.06*
Italy, Reggio Emilia Province	88	**6.0**	*0.85*	0.52	*0.07*	51	**2.3**	*0.47*	0.22	*0.04*
Italy, Romagna Region	286	**7.0**	*0.58*	0.66	*0.05*	213	**4.2**	*0.48*	0.35	*0.04*
Italy, Salerno Province	156	**5.5**	*0.51*	0.51	*0.05*	120	**3.3**	*0.41*	0.27	*0.03*
Italy, Sassari Province	102	**5.7**	*0.63*	0.62	*0.07*	63	**3.6**	*0.57*	0.36	*0.05*
Italy, Syracuse Province	44	**5.3**	*0.94*	0.38	*0.07*	20	**1.6**	*0.47*	0.14	*0.04*
Italy, Sondrio	45	**8.9**	*1.60*	0.77	*0.13*	24	**3.5**	*0.97*	0.32	*0.08*
Italy, Torino	164	**4.6**	*0.47*	0.42	*0.04*	143	**3.8**	*0.55*	0.28	*0.03*
Italy, Umbria Region	167	**5.8**	*0.62*	0.50	*0.05*	115	**3.4**	*0.49*	0.29	*0.04*
Italy, Varese Province	103	**6.0**	*0.71*	0.58	*0.07*	75	**5.2**	*0.83*	0.41	*0.06*
Italy, Veneto Region	273	**4.9**	*0.38*	0.47	*0.03*	209	**3.1**	*0.34*	0.26	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Lymphoid leukaemia (C91) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	334	**5.2**	*0.32*	0.52	*0.03*	290	**2.9**	*0.24*	0.28	*0.02*
Lithuania	597	**6.1**	*0.27*	0.61	*0.03*	455	**3.4**	*0.20*	0.30	*0.02*
Malta	52	**5.3**	*0.79*	0.45	*0.07*	32	**2.8**	*0.57*	0.27	*0.05*
Norway	739	**5.0**	*0.21*	0.47	*0.02*	518	**3.1**	*0.17*	0.27	*0.02*
Poland, Cracow	58	**3.0**	*0.47*	0.27	*0.04*	64	**3.6**	*0.60*	0.27	*0.04**
Poland, Kielce	189	**4.8**	*0.38*	0.56	*0.05*	211	**4.2**	*0.37*	0.40	*0.03*
Poland, Warsaw City	161	**3.6**	*0.34*	0.33	*0.03*	126	**2.4**	*0.32*	0.19	*0.02*
Portugal, Porto	179	**2.2**	*0.18*	0.19	*0.02*	134	**1.7**	*0.18*	0.13	*0.01**
Portugal, South Regional	308	**3.7**	*0.25*	0.33	*0.02*	223	**2.3**	*0.21*	0.19	*0.02*
Russia, St Petersburg	523	**4.7**	*0.24*	0.45	*0.02*	611	**3.1**	*0.19*	0.29	*0.01*
Serbia	587	**4.4**	*0.22*	0.41	*0.02*	385	**2.6**	*0.17*	0.23	*0.01*
Slovak Republic	827	**5.8**	*0.22*	0.62	*0.03*	555	**3.1**	*0.16*	0.29	*0.01*
Slovenia	311	**5.3**	*0.34*	0.53	*0.04*	245	**3.7**	*0.32*	0.31	*0.02*
Spain, Albacete	46	**5.3**	*0.94*	0.42	*0.08*	41	**3.6**	*0.75*	0.29	*0.06*
Spain, Asturias	187	**4.0**	*0.36*	0.42	*0.04*	135	**3.1**	*0.47*	0.26	*0.03*
Spain, Basque Country	223	**4.1**	*0.35*	0.36	*0.03*	149	**2.1**	*0.24*	0.20	*0.02*
Spain, Canary Islands	173	**4.5**	*0.39*	0.39	*0.04*	125	**3.1**	*0.33*	0.30	*0.03*
Spain, Cuenca	27	**2.6**	*0.59*	0.30	*0.07*	22	**2.8**	*1.03*	0.22	*0.06*
Spain, Girona	61	**3.4**	*0.55*	0.29	*0.05*	50	**2.8**	*0.55*	0.20	*0.04*
Spain, Granada	99	**4.4**	*0.56*	0.41	*0.05*	62	**2.2**	*0.37*	0.21	*0.03*
Spain, Murcia	152	**4.2**	*0.38*	0.45	*0.04*	125	**3.7**	*0.40*	0.35	*0.04*
Spain, Navarra	62	**3.8**	*0.63*	0.32	*0.05*	35	**2.2**	*0.52*	0.15	*0.03*
Spain, Tarragona	63	**3.5**	*0.54*	0.34	*0.05*	48	**2.9**	*0.60*	0.24	*0.04*
Spain, Zaragoza	119	**4.9**	*0.61*	0.38	*0.04*	95	**3.4**	*0.54*	0.25	*0.03*
Sweden	1832	**5.6**	*0.16*	0.55	*0.02*	1181	**3.5**	*0.13*	0.32	*0.01*
Switzerland, Geneva	86	**6.4**	*0.77*	0.70	*0.09*	63	**3.6**	*0.58*	0.35	*0.06*
Switzerland, Graubunden and Glarus	43	**6.0**	*1.06*	0.67	*0.12*	24	**2.2**	*0.57*	0.20	*0.06*
Switzerland, Neuchatel	25	**4.9**	*1.16*	0.40	*0.10*	15	**2.8**	*1.00*	0.22	*0.07*
Switzerland, St Gall-Appenzell	103	**6.1**	*0.67*	0.56	*0.07*	69	**3.5**	*0.51*	0.36	*0.05*
Switzerland, Ticino	44	**4.9**	*0.92*	0.45	*0.08*	32	**2.3**	*0.55*	0.20	*0.05*
Switzerland, Valais	45	**4.6**	*0.76*	0.42	*0.08*	31	**2.6**	*0.62*	0.23	*0.06*
Switzerland, Vaud	79	**4.3**	*0.56*	0.40	*0.05*	53	**2.4**	*0.46*	0.15	*0.03*
The Netherlands	2236	**4.8**	*0.11*	0.46	*0.01*	1457	**2.7**	*0.09*	0.25	*0.01*
The Netherlands, Eindhoven	129	**4.4**	*0.43*	0.42	*0.04*	86	**2.5**	*0.32*	0.25	*0.03*
The Netherlands, Maastricht	118	**4.2**	*0.45*	0.40	*0.04*	65	**1.9**	*0.29*	0.18	*0.03*
UK, East of England Region	484	**5.0**	*0.26*	0.48	*0.03*	320	**2.8**	*0.21*	0.25	*0.02*
UK, England, Merseyside and Cheshire	286	**3.7**	*0.26*	0.29	*0.02*	200	**2.3**	*0.22*	0.15	*0.01*
UK, England, North Western	588	**4.2**	*0.20*	0.38	*0.02*	401	**2.5**	*0.17*	0.19	*0.01*
UK, England, Northern and Yorkshire	1427	**6.2**	*0.19*	0.61	*0.02*	1015	**3.6**	*0.15*	0.33	*0.01*
UK, England, Oxford Region	492	**5.8**	*0.29*	0.57	*0.03*	328	**3.3**	*0.23*	0.28	*0.02*
UK, England, South and Western Regions	1397	**5.5**	*0.18*	0.50	*0.02*	987	**2.9**	*0.13*	0.26	*0.01*
UK, England, Thames	2321	**5.2**	*0.12*	0.50	*0.01*	1667	**3.1**	*0.10*	0.27	*0.01*
UK, England, Trent	878	**5.1**	*0.20*	0.47	*0.02*	527	**2.7**	*0.16*	0.22	*0.01*
UK, England, West Midlands	1004	**5.3**	*0.19*	0.52	*0.02*	697	**3.3**	*0.16*	0.30	*0.01*
UK, Northern Ireland	223	**4.5**	*0.33*	0.40	*0.03*	135	**2.1**	*0.22*	0.19	*0.02*
UK, Scotland	990	**5.8**	*0.21*	0.59	*0.02*	703	**3.4**	*0.17*	0.30	*0.01*
Oceania										
Australia, New South Wales	1238	**6.2**	*0.19*	0.61	*0.02*	818	**3.6**	*0.15*	0.34	*0.02*
Australia, Northern Territory	11	**3.2**	*0.98*	0.34	*0.15*	4	**0.8**	*0.45*	0.04	*0.02*
Australia, Queensland	801	**7.3**	*0.28*	0.74	*0.03*	577	**4.8**	*0.23*	0.47	*0.03*
Australia, South	397	**7.8**	*0.44*	0.80	*0.05*	284	**5.0**	*0.36*	0.49	*0.04*
Australia, Tasmania	78	**4.9**	*0.61*	0.49	*0.07*	43	**2.9**	*0.54*	0.21	*0.04*
Australia, Victoria	710	**5.0**	*0.21*	0.45	*0.02*	501	**3.1**	*0.17*	0.23	*0.01*
Australia, Western	298	**5.5**	*0.34*	0.51	*0.04*	193	**3.5**	*0.29*	0.31	*0.03*
Australian Capital Territory	45	**6.0**	*0.94*	0.50	*0.09*	28	**3.1**	*0.65*	0.28	*0.07*
French Polynesia	18	**4.1**	*0.99*	0.49	*0.15*	6	**1.2**	*0.52*	0.11	*0.07*
New Zealand	1107	**9.5**	*0.30*	0.97	*0.04*	696	**4.9**	*0.21*	0.51	*0.03*
USA, Hawaii	140	**3.9**	*0.36*	0.40	*0.04*	107	**3.3**	*0.37*	0.26	*0.03*
USA, Hawaii: Chinese	7	**2.0**	*1.04*	0.21	*0.11*	5	**1.7**	*1.02*	0.10	*0.06*
USA, Hawaii: Filipino	9	**1.6**	*0.55*	0.14	*0.06*	7	**1.5**	*0.66*	0.12	*0.05*
USA, Hawaii: Hawaiian	22	**4.2**	*0.93*	0.48	*0.13*	18	**3.5**	*0.83*	0.32	*0.09*
USA, Hawaii: Japanese	17	**3.2**	*1.03*	0.22	*0.07*	19	**3.3**	*1.04*	0.25	*0.07*
USA, Hawaii: White	58	**5.5**	*0.84*	0.58	*0.10*	42	**5.1**	*1.00*	0.39	*0.08*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloid leukaemia (C92-94)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	39	**1.6**	*0.29*	-	-	38	**1.5**	*0.26*	-	- *
Egypt, Gharbiah	139	**2.3**	*0.22*	-	-	142	**2.2**	*0.19*	-	-
Tunisia, Centre, Sousse	30	**2.9**	*0.54*	-	-	17	**1.6**	*0.40*	-	- *
Uganda, Kyadondo County	3	**0.3**	*0.22*	-	-	6	**0.5**	*0.26*	-	- *
Zimbabwe, Harare: African	44	**1.2**	*0.25*	-	-	34	**1.3**	*0.29*	-	- *
America, Central and South										
Argentina, Bahia Blanca	39	**5.1**	*0.97*	0.50	*0.11*	27	**2.6**	*0.63*	0.27	*0.07*
Brazil, Brasilia	72	**2.5**	*0.33*	0.24	*0.05*	47	**1.3**	*0.21*	0.10	*0.02*
Brazil, Cuiaba	23	**2.8**	*0.62*	0.21	*0.07*	20	**2.5**	*0.60*	0.29	*0.09*
Brazil, Goiania	64	**3.8**	*0.50*	0.33	*0.06*	66	**3.1**	*0.40*	0.27	*0.05*
Brazil, Sao Paulo	1007	**4.5**	*0.15*	0.45	*0.02*	961	**3.4**	*0.11*	0.34	*0.01*
Chile, Valdivia	24	**2.7**	*0.55*	0.26	*0.07*	17	**1.6**	*0.41*	0.17	*0.05*
Colombia, Cali	124	**3.1**	*0.29*	0.27	*0.03*	108	**2.2**	*0.22*	0.21	*0.03*
Costa Rica	226	**2.7**	*0.18*	0.25	*0.02*	173	**1.9**	*0.15*	0.19	*0.02*
Ecuador, Quito	127	**4.1**	*0.38*	0.41	*0.05*	93	**2.6**	*0.29*	0.25	*0.04*
France, La Martinique	25	**2.3**	*0.47*	0.27	*0.06*	29	**2.1**	*0.41*	0.20	*0.04*
Peru, Trujillo	36	**3.6**	*0.62*	0.40	*0.09*	36	**2.9**	*0.50*	0.28	*0.07**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	3137	**4.0**	*0.08*	0.43	*0.01*	2445	**2.8**	*0.06*	0.28	*0.01*
Canada, Alberta	373	**4.2**	*0.22*	0.44	*0.03*	291	**2.9**	*0.19*	0.29	*0.02*
Canada, British Columbia	525	**3.6**	*0.17*	0.37	*0.02*	389	**2.6**	*0.15*	0.24	*0.02*
Canada, Manitoba	134	**3.5**	*0.32*	0.40	*0.04*	142	**3.2**	*0.30*	0.34	*0.04*
Canada, New Brunswick	112	**4.4**	*0.46*	0.44	*0.05*	65	**2.5**	*0.36*	0.27	*0.04*
Canada, Newfoundland and Labrador	47	**2.9**	*0.45*	0.31	*0.05*	27	**1.5**	*0.33*	0.15	*0.03*
Canada, Northwest Territories	0	**-**	-	-	-	0	**-**	-	-	-
Canada, Nova Scotia	100	**3.0**	*0.33*	0.28	*0.04*	95	**2.6**	*0.32*	0.24	*0.03*
Canada, Ontario	1670	**4.3**	*0.11*	0.46	*0.01*	1311	**2.9**	*0.09*	0.29	*0.01*
Canada, Prince Edward Island	29	**6.8**	*1.31*	0.66	*0.14*	18	**3.0**	*0.82*	0.28	*0.09*
Canada, Saskatchewan	147	**4.1**	*0.36*	0.47	*0.05*	107	**2.8**	*0.31*	0.30	*0.04*
USA, Alabama	516	**3.7**	*0.17*	0.36	*0.02*	470	**2.5**	*0.13*	0.26	*0.02*
USA, Alabama: Black	89	**3.1**	*0.34*	0.30	*0.04*	88	**2.2**	*0.25*	0.23	*0.03*
USA, Alabama: White	419	**3.7**	*0.19*	0.37	*0.02*	377	**2.7**	*0.16*	0.27	*0.02*
USA, Alaska	71	**4.8**	*0.59*	0.52	*0.09*	53	**3.1**	*0.44*	0.25	*0.05*
USA, Arizona	680	**3.8**	*0.16*	0.40	*0.02*	520	**2.6**	*0.13*	0.26	*0.01*
USA, California	4919	**4.8**	*0.07*	0.50	*0.01*	3834	**3.2**	*0.06*	0.32	*0.01*
USA, California: Asian and Pacific Islander	444	**3.9**	*0.19*	0.40	*0.02*	351	**2.7**	*0.15*	0.27	*0.02*
USA, California: Black	275	**4.6**	*0.28*	0.51	*0.04*	230	**3.0**	*0.21*	0.31	*0.03*
USA, California: Hispanic White	801	**4.0**	*0.15*	0.39	*0.02*	711	**3.2**	*0.12*	0.30	*0.02*
USA, California: Non-Hispanic White	3334	**5.2**	*0.10*	0.54	*0.01*	2508	**3.3**	*0.08*	0.34	*0.01*
USA, California, Greater San Francisco Bay Area	957	**4.7**	*0.16*	0.48	*0.02*	756	**3.2**	*0.13*	0.31	*0.01*
USA, California, Greater San Francisco Bay Area: Black	53	**3.8**	*0.53*	0.37	*0.07*	63	**3.6**	*0.49*	0.35	*0.06*
USA, California, Greater San Francisco Bay Area: Chinese	58	**3.6**	*0.51*	0.35	*0.06*	44	**2.6**	*0.44*	0.23	*0.04*
USA, California, Greater San Francisco Bay Area: Filipino	37	**4.1**	*0.70*	0.41	*0.08*	20	**1.9**	*0.44*	0.13	*0.04*
USA, California, Greater San Francisco Bay Area: Japanese	14	**4.9**	*1.71*	0.36	*0.14*	8	**1.5**	*0.63*	0.14	*0.07*
USA, California, Greater San Francisco Bay Area: Hispanic White	106	**3.7**	*0.38*	0.30	*0.04*	96	**3.2**	*0.35*	0.30	*0.04*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	626	**5.1**	*0.23*	0.54	*0.03*	486	**3.3**	*0.18*	0.33	*0.02*
USA, California, Los Angeles County	1295	**4.8**	*0.14*	0.52	*0.02*	1018	**3.2**	*0.11*	0.32	*0.01*
USA, California, Los Angeles County: Black	116	**4.7**	*0.44*	0.54	*0.06*	100	**2.8**	*0.30*	0.28	*0.04*
USA, California, Los Angeles County: Chinese	32	**3.2**	*0.63*	0.29	*0.07*	26	**1.9**	*0.40*	0.20	*0.05*
USA, California, Los Angeles County: Filipino	37	**4.5**	*0.77*	0.45	*0.10*	33	**3.3**	*0.60*	0.31	*0.06*
USA, California, Los Angeles County: Japanese	22	**4.7**	*1.18*	0.49	*0.12*	19	**2.4**	*0.63*	0.31	*0.09*
USA, California, Los Angeles County: Korean	13	**2.6**	*0.73*	0.37	*0.12*	13	**2.2**	*0.68*	0.18	*0.06*
USA, California, Los Angeles County: Hispanic White	302	**3.9**	*0.25*	0.40	*0.03*	282	**3.1**	*0.19*	0.30	*0.02*
USA, California, Los Angeles County: Non-Hispanic White	735	**5.6**	*0.24*	0.60	*0.03*	504	**3.6**	*0.21*	0.36	*0.02*
USA, Colorado	597	**4.7**	*0.20*	0.45	*0.02*	480	**3.3**	*0.17*	0.34	*0.02*
USA, Connecticut	557	**4.8**	*0.22*	0.52	*0.03*	463	**3.3**	*0.18*	0.34	*0.02*
USA, Connecticut: Black	31	**4.3**	*0.79*	0.37	*0.09*	33	**3.4**	*0.62*	0.34	*0.08*
USA, Connecticut: White	513	**4.7**	*0.23*	0.52	*0.03*	426	**3.3**	*0.19*	0.34	*0.02*
USA, District of Columbia	62	**3.7**	*0.50*	0.40	*0.06*	46	**2.3**	*0.40*	0.20	*0.04*
USA, District of Columbia: Black	33	**2.9**	*0.54*	0.28	*0.07*	30	**2.2**	*0.46*	0.21	*0.05*
USA, District of Columbia: White	22	**4.6**	*1.10*	0.55	*0.14*	14	**2.1**	*0.75*	0.18	*0.07*
USA, Florida	3155	**4.7**	*0.10*	0.49	*0.01*	2435	**3.3**	*0.08*	0.32	*0.01*
USA, Florida: Black	205	**3.6**	*0.26*	0.37	*0.03*	250	**3.4**	*0.22*	0.33	*0.03*
USA, Florida: White	2911	**4.8**	*0.10*	0.50	*0.01*	2143	**3.2**	*0.09*	0.32	*0.01*
USA, Georgia	967	**4.3**	*0.14*	0.47	*0.02*	798	**2.8**	*0.11*	0.28	*0.01*
USA, Georgia: Black	186	**3.8**	*0.29*	0.40	*0.04*	163	**2.3**	*0.20*	0.23	*0.02*
USA, Georgia: White	770	**4.4**	*0.17*	0.49	*0.02*	625	**3.0**	*0.13*	0.30	*0.02*
USA, Georgia, Atlanta	338	**4.9**	*0.28*	0.55	*0.04*	249	**2.8**	*0.19*	0.29	*0.03*
USA, Georgia, Atlanta: Black	83	**4.5**	*0.53*	0.44	*0.08*	60	**2.2**	*0.31*	0.21	*0.04*
USA, Georgia, Atlanta: White	249	**5.2**	*0.35*	0.60	*0.05*	182	**3.1**	*0.25*	0.33	*0.03*
USA, Idaho	213	**5.1**	*0.36*	0.53	*0.05*	162	**3.5**	*0.30*	0.36	*0.04*
USA, Illinois	2007	**5.0**	*0.12*	0.53	*0.02*	1711	**3.5**	*0.10*	0.37	*0.01*
USA, Illinois: Black	177	**4.0**	*0.30*	0.44	*0.04*	185	**3.1**	*0.24*	0.32	*0.03*
USA, Illinois: White	1761	**5.1**	*0.13*	0.54	*0.02*	1484	**3.6**	*0.11*	0.38	*0.01*
USA, Indiana	947	**4.9**	*0.17*	0.52	*0.02*	798	**3.4**	*0.14*	0.36	*0.02*
USA, Iowa	591	**5.4**	*0.24*	0.59	*0.03*	476	**3.5**	*0.19*	0.36	*0.02*
USA, Kentucky	594	**4.5**	*0.19*	0.46	*0.02*	495	**3.1**	*0.16*	0.30	*0.02*
USA, Louisiana	665	**4.8**	*0.19*	0.52	*0.03*	569	**3.5**	*0.16*	0.37	*0.02*
USA, Louisiana: Black	140	**4.1**	*0.36*	0.43	*0.05*	145	**3.3**	*0.29*	0.34	*0.04*
USA, Louisiana: White	518	**5.0**	*0.23*	0.55	*0.03*	414	**3.5**	*0.19*	0.38	*0.02*
USA, Louisiana, New Orleans: Black	41	**4.1**	*0.65*	0.39	*0.08*	45	**3.4**	*0.53*	0.38	*0.07*
USA, Louisiana, New Orleans: White	100	**4.9**	*0.53*	0.54	*0.07*	103	**4.2**	*0.49*	0.44	*0.06*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloid leukaemia (C92-94) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	227	**4.7**	*0.35*	0.51	*0.04*	175	**3.3**	*0.30*	0.35	*0.03*
USA, Massachusetts	937	**4.5**	*0.16*	0.48	*0.02*	828	**3.2**	*0.13*	0.34	*0.02*
USA, Michigan	1547	**4.9**	*0.13*	0.52	*0.02*	1383	**3.5**	*0.11*	0.37	*0.01*
USA, Michigan: Black	147	**4.3**	*0.36*	0.47	*0.05*	149	**3.2**	*0.28*	0.35	*0.04*
USA, Michigan: White	1373	**4.9**	*0.14*	0.53	*0.02*	1204	**3.6**	*0.12*	0.37	*0.01*
USA, Michigan, Detroit	670	**5.4**	*0.22*	0.59	*0.03*	673	**4.0**	*0.18*	0.41	*0.02*
USA, Michigan, Detroit: Black	110	**4.4**	*0.44*	0.50	*0.06*	110	**3.2**	*0.32*	0.34	*0.04*
USA, Michigan, Detroit: White	547	**5.7**	*0.26*	0.62	*0.03*	543	**4.2**	*0.22*	0.42	*0.03*
USA, Missouri	887	**4.6**	*0.17*	0.48	*0.02*	786	**3.4**	*0.14*	0.34	*0.02*
USA, Missouri: Black	68	**4.4**	*0.55*	0.43	*0.07*	66	**3.1**	*0.40*	0.34	*0.05*
USA, Missouri: White	815	**4.7**	*0.18*	0.49	*0.02*	710	**3.4**	*0.15*	0.34	*0.02*
USA, Montana	169	**5.2**	*0.44*	0.54	*0.05*	124	**3.1**	*0.32*	0.34	*0.04*
USA, NPCR	34462	**4.7**	*0.03*	0.50	*0.00*	28270	**3.2**	*0.02*	0.33	*0.00*
USA, NPCR: Black	2587	**4.0**	*0.08*	0.42	*0.01*	2463	**2.8**	*0.06*	0.29	*0.01*
USA, NPCR: White	30520	**4.8**	*0.03*	0.51	*0.00*	24773	**3.3**	*0.02*	0.34	*0.00*
USA, New Jersey	1385	**5.0**	*0.14*	0.52	*0.02*	1123	**3.2**	*0.11*	0.33	*0.01*
USA, New Jersey: Black	127	**4.4**	*0.39*	0.45	*0.05*	108	**2.7**	*0.27*	0.26	*0.03*
USA, New Jersey: White	1186	**4.9**	*0.16*	0.52	*0.02*	975	**3.3**	*0.13*	0.34	*0.01*
USA, New Mexico	235	**4.1**	*0.28*	0.45	*0.04*	183	**2.7**	*0.22*	0.26	*0.03*
USA, New Mexico: American Indian	11	**2.9**	*0.90*	0.40	*0.15*	10	**2.2**	*0.70*	0.22	*0.09*
USA, New Mexico: Hispanic White	64	**3.5**	*0.45*	0.40	*0.06*	50	**2.3**	*0.34*	0.21	*0.04*
USA, New Mexico: Non-Hispanic White	151	**4.5**	*0.42*	0.48	*0.05*	121	**3.1**	*0.33*	0.30	*0.04*
USA, New York State	3099	**5.0**	*0.10*	0.53	*0.01*	2601	**3.2**	*0.07*	0.32	*0.01*
USA, New York State: Black	256	**3.7**	*0.23*	0.35	*0.03*	265	**2.7**	*0.17*	0.28	*0.02*
USA, New York State: White	2715	**5.2**	*0.11*	0.56	*0.01*	2244	**3.3**	*0.08*	0.33	*0.01*
USA, Ohio	1608	**4.3**	*0.11*	0.45	*0.01*	1381	**3.0**	*0.09*	0.30	*0.01*
USA, Ohio: Black	130	**4.1**	*0.37*	0.47	*0.05*	117	**2.7**	*0.26*	0.25	*0.03*
USA, Ohio: White	1436	**4.2**	*0.12*	0.45	*0.02*	1233	**3.0**	*0.10*	0.31	*0.01*
USA, Oklahoma	531	**4.6**	*0.21*	0.52	*0.03*	441	**3.2**	*0.18*	0.31	*0.02*
USA, Oregon	483	**4.3**	*0.21*	0.45	*0.03*	422	**3.2**	*0.18*	0.34	*0.02*
USA, Pennsylvania	2326	**5.2**	*0.12*	0.55	*0.01*	1953	**3.6**	*0.10*	0.37	*0.01*
USA, Pennsylvania: Black	128	**4.0**	*0.36*	0.44	*0.05*	131	**3.1**	*0.29*	0.28	*0.03*
USA, Pennsylvania: White	2137	**5.1**	*0.12*	0.55	*0.02*	1778	**3.6**	*0.10*	0.38	*0.01*
USA, Rhode Island	185	**5.1**	*0.41*	0.53	*0.05*	156	**3.3**	*0.32*	0.34	*0.04*
USA, SEER (9 Registries)	4177	**4.9**	*0.08*	0.52	*0.01*	3468	**3.4**	*0.06*	0.34	*0.01*
USA, SEER (9 Registries): Black	311	**4.3**	*0.25*	0.44	*0.03*	284	**3.0**	*0.19*	0.31	*0.02*
USA, SEER (9 Registries): White	3478	**5.0**	*0.09*	0.54	*0.01*	2917	**3.5**	*0.07*	0.35	*0.01*
USA, SEER (14 Registries)	11146	**4.8**	*0.05*	0.51	*0.01*	8992	**3.3**	*0.04*	0.33	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	723	**4.1**	*0.16*	0.40	*0.02*	557	**2.7**	*0.12*	0.27	*0.01*
USA, SEER (14 Registries): Black	851	**4.4**	*0.16*	0.47	*0.02*	732	**2.9**	*0.11*	0.29	*0.01*
USA, SEER (14 Registries): Hispanic White	1079	**4.1**	*0.13*	0.42	*0.02*	925	**3.1**	*0.11*	0.30	*0.01*
USA, SEER (14 Registries): Non-Hispanic White	8360	**5.0**	*0.06*	0.53	*0.01*	6690	**3.4**	*0.05*	0.34	*0.01*
USA, South Carolina	548	**4.3**	*0.19*	0.45	*0.02*	460	**2.8**	*0.15*	0.30	*0.02*
USA, South Carolina: Black	114	**3.8**	*0.36*	0.39	*0.05*	116	**2.9**	*0.29*	0.30	*0.04*
USA, South Carolina: White	424	**4.3**	*0.22*	0.46	*0.03*	335	**2.7**	*0.17*	0.29	*0.02*
USA, Texas	2805	**4.8**	*0.09*	0.49	*0.01*	2124	**3.0**	*0.07*	0.31	*0.01*
USA, Texas: Black	250	**4.7**	*0.30*	0.50	*0.04*	224	**3.2**	*0.23*	0.32	*0.03*
USA, Texas: White	2487	**4.8**	*0.10*	0.50	*0.01*	1861	**3.0**	*0.08*	0.31	*0.01*
USA, Utah	279	**4.6**	*0.29*	0.46	*0.04*	214	**3.3**	*0.24*	0.33	*0.03*
USA, Vermont	96	**4.7**	*0.50*	0.54	*0.07*	82	**3.3**	*0.42*	0.32	*0.05*
USA, Washington State	961	**4.9**	*0.17*	0.52	*0.02*	789	**3.6**	*0.14*	0.36	*0.02*
USA, Washington, Seattle	670	**5.1**	*0.21*	0.52	*0.03*	551	**3.6**	*0.18*	0.37	*0.02*
USA, West Virginia	311	**4.6**	*0.29*	0.48	*0.03*	286	**3.5**	*0.24*	0.34	*0.03*
USA, Wisconsin	963	**5.2**	*0.18*	0.58	*0.02*	798	**3.6**	*0.15*	0.38	*0.02*
Asia										
Bahrain: Bahraini	30	**4.4**	*0.85*	0.42	*0.11*	19	**2.2**	*0.55*	0.23	*0.08*
China, Guangzhou City	155	**2.7**	*0.23*	0.22	*0.02*	112	**1.9**	*0.19*	0.16	*0.02**
China, Hong Kong	658	**3.3**	*0.14*	0.33	*0.01*	533	**2.5**	*0.12*	0.24	*0.01*
China, Jiashan	20	**2.2**	*0.54*	0.19	*0.04*	16	**1.5**	*0.41*	0.13	*0.04**
China, Nangang District, Harbin City	23	**1.2**	*0.30*	0.09	*0.02*	11	**0.4**	*0.13*	0.05	*0.02*
China, Shanghai	418	**2.0**	*0.12*	0.21	*0.01*	333	**1.5**	*0.10*	0.15	*0.01**
China, Zhongshan	109	**3.4**	*0.33*	0.31	*0.03*	66	**1.9**	*0.24*	0.17	*0.03**
Cyprus	65	**3.0**	*0.40*	0.27	*0.04*	52	**2.4**	*0.36*	0.26	*0.04**
India, Chennai (Madras)	195	**1.8**	*0.13*	0.17	*0.02*	128	**1.3**	*0.12*	0.12	*0.01*
India, New Delhi	749	**2.5**	*0.10*	0.24	*0.01*	505	**2.1**	*0.10*	0.20	*0.01**
India, Karunagappally	14	**1.3**	*0.36*	0.10	*0.03*	11	**1.1**	*0.33*	0.11	*0.04*
India, Mumbai (Bombay)	539	**2.0**	*0.09*	0.20	*0.01*	344	**1.5**	*0.08*	0.14	*0.01*
India, Nagpur	126	**2.5**	*0.23*	0.25	*0.03*	78	**1.7**	*0.19*	0.14	*0.02**
India, Poona	107	**1.4**	*0.14*	0.15	*0.02*	81	**1.1**	*0.13*	0.12	*0.02**
India, Trivandrum	57	**2.0**	*0.27*	0.20	*0.03*	47	**1.6**	*0.24*	0.16	*0.03**
Israel	669	**4.0**	*0.16*	0.41	*0.02*	567	**3.0**	*0.13*	0.31	*0.02*
Israel: Jews	571	**3.9**	*0.17*	0.39	*0.02*	480	**2.9**	*0.14*	0.30	*0.02*
Israel: Non-Jews	71	**3.6**	*0.47*	0.38	*0.07*	52	**2.4**	*0.36*	0.22	*0.04*
Japan, Aichi Prefecture	78	**2.3**	*0.27*	0.25	*0.03*	50	**1.4**	*0.21*	0.14	*0.02*
Japan, Fukui Prefecture	116	**3.2**	*0.34*	0.35	*0.04*	68	**1.6**	*0.25*	0.16	*0.02*
Japan, Hiroshima	152	**4.1**	*0.36*	0.40	*0.04*	103	**2.3**	*0.25*	0.23	*0.03*
Japan, Miyagi Prefecture	276	**3.1**	*0.21*	0.33	*0.02*	198	**2.0**	*0.17*	0.21	*0.02*
Japan, Nagasaki Prefecture	232	**4.0**	*0.31*	0.39	*0.03*	150	**2.4**	*0.26*	0.21	*0.02*
Japan, Osaka Prefecture	1014	**3.3**	*0.12*	0.33	*0.01*	638	**1.8**	*0.09*	0.18	*0.01*
Japan, Yamagata Prefecture	141	**2.7**	*0.26*	0.29	*0.03*	114	**2.1**	*0.28*	0.19	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloid leukaemia (C92-94) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	2782	**2.9**	*0.06*	0.29	*0.01*	2210	**2.1**	*0.05*	0.20	*0.00*
Korea, Busan	239	**2.6**	*0.18*	0.26	*0.02*	193	**1.8**	*0.14*	0.17	*0.01*
Korea, Daegu	182	**2.9**	*0.22*	0.29	*0.03*	153	**2.2**	*0.18*	0.22	*0.02*
Korea, Daejeon	69	**2.2**	*0.28*	0.22	*0.04*	77	**2.2**	*0.26*	0.21	*0.03*
Korea, Gwangju	105	**3.3**	*0.34*	0.32	*0.04*	69	**2.0**	*0.25*	0.19	*0.03*
Korea, Incheon	164	**2.5**	*0.21*	0.23	*0.02*	140	**2.2**	*0.20*	0.19	*0.02*
Korea, Jejudo	24	**3.5**	*0.74*	0.32	*0.08*	24	**3.0**	*0.64*	0.25	*0.05*
Korea, Seoul	769	**3.3**	*0.13*	0.32	*0.02*	633	**2.5**	*0.10*	0.25	*0.01*
Korea, Ulsan	46	**2.4**	*0.41*	0.25	*0.06*	39	**2.0**	*0.35*	0.19	*0.04*
Kuwait: Kuwaitis	35	**2.6**	*0.48*	0.30	*0.07*	38	**2.3**	*0.41*	0.23	*0.05*
Kuwait: Non-Kuwaitis	74	**2.2**	*0.60*	0.16	*0.04*	33	**2.1**	*0.64*	0.15	*0.04*
Malaysia, Penang	88	**3.8**	*0.42*	0.37	*0.05*	66	**2.6**	*0.33*	0.24	*0.04*
Malaysia, Sarawak	117	**2.5**	*0.24*	0.23	*0.03*	99	**2.3**	*0.24*	0.24	*0.03*
Oman: Omani	54	**2.4**	*0.36*	0.25	*0.05*	42	**1.8**	*0.31*	0.17	*0.04**
Pakistan, South Karachi	91	**2.3**	*0.26*	0.21	*0.03*	67	**2.4**	*0.33*	0.23	*0.04**
Philippines, Manila	287	**3.0**	*0.21*	0.31	*0.03*	269	**2.4**	*0.16*	0.24	*0.02**
Singapore	261	**3.2**	*0.21*	0.30	*0.02*	225	**2.5**	*0.17*	0.24	*0.02*
Singapore: Chinese	215	**3.3**	*0.24*	0.30	*0.02*	182	**2.4**	*0.19*	0.23	*0.02*
Singapore: Indian	10	**1.4**	*0.46*	0.15	*0.05*	12	**1.9**	*0.59*	0.19	*0.06*
Singapore: Malay	36	**3.7**	*0.64*	0.42	*0.09*	31	**2.9**	*0.54*	0.30	*0.07*
Thailand, Chiang Mai	95	**2.5**	*0.27*	0.22	*0.03*	87	**2.1**	*0.23*	0.21	*0.03**
Thailand, Lampang	45	**2.1**	*0.33*	0.21	*0.04*	43	**2.0**	*0.32*	0.19	*0.03**
Thailand, Songkhla	60	**2.1**	*0.28*	0.26	*0.04*	57	**1.8**	*0.24*	0.18	*0.03*
Turkey, Antalya	87	**2.7**	*0.29*	0.28	*0.04*	62	**1.9**	*0.24*	0.15	*0.02**
Turkey, Izmir	197	**2.4**	*0.17*	0.26	*0.02*	171	**2.0**	*0.16*	0.20	*0.02**
Europe										
Austria	988	**3.5**	*0.12*	0.36	*0.01*	979	**2.5**	*0.10*	0.26	*0.01*
Austria, Tyrol	64	**2.7**	*0.36*	0.28	*0.05*	71	**2.5**	*0.34*	0.28	*0.04*
Austria, Vorarlberg	35	**3.3**	*0.57*	0.35	*0.07*	36	**2.9**	*0.59*	0.24	*0.05*
Belarus	846	**3.1**	*0.11*	0.33	*0.01*	892	**2.3**	*0.09*	0.25	*0.01**
Belgium, Antwerp	187	**2.8**	*0.22*	0.30	*0.03*	134	**1.7**	*0.17*	0.18	*0.02**
Belgium, Flanders	706	**3.8**	*0.16*	0.41	*0.02*	578	**2.8**	*0.14*	0.29	*0.01*
Bulgaria	632	**2.2**	*0.10*	0.24	*0.01*	554	**1.7**	*0.08*	0.18	*0.01**
Croatia	610	**4.1**	*0.18*	0.42	*0.02*	580	**3.1**	*0.15*	0.32	*0.02*
Czech Republic	1109	**3.3**	*0.11*	0.35	*0.01*	1102	**2.6**	*0.09*	0.26	*0.01*
Denmark	868	**4.2**	*0.16*	0.44	*0.02*	714	**3.1**	*0.14*	0.32	*0.02*
Estonia	139	**3.5**	*0.32*	0.33	*0.03*	152	**2.4**	*0.23*	0.26	*0.02*
Finland	566	**3.2**	*0.14*	0.31	*0.02*	583	**2.4**	*0.12*	0.24	*0.01*
France, Bas-Rhin	146	**4.2**	*0.37*	0.44	*0.05*	133	**3.5**	*0.34*	0.37	*0.04*
France, Calvados	77	**3.5**	*0.43*	0.34	*0.05*	72	**2.7**	*0.38*	0.28	*0.04*
France, Doubs	79	**4.5**	*0.53*	0.49	*0.07*	53	**2.4**	*0.39*	0.23	*0.04*
France, Haut-Rhin	129	**5.0**	*0.45*	0.53	*0.06*	100	**3.6**	*0.42*	0.37	*0.04*
France, Herault	122	**3.7**	*0.38*	0.41	*0.04*	101	**2.6**	*0.31*	0.25	*0.03*
France, Isere	189	**4.7**	*0.36*	0.51	*0.05*	161	**3.6**	*0.32*	0.35	*0.04*
France, Loire-Atlantique	188	**4.8**	*0.37*	0.49	*0.04*	132	**2.9**	*0.30*	0.26	*0.03*
France, Manche	68	**3.8**	*0.50*	0.41	*0.06*	64	**2.9**	*0.48*	0.26	*0.04*
France, Somme	55	**2.7**	*0.38*	0.32	*0.05*	47	**2.1**	*0.36*	0.20	*0.04*
France, Tarn	58	**3.7**	*0.58*	0.34	*0.06*	44	**2.2**	*0.41*	0.23	*0.05*
France, Vendee	45	**2.4**	*0.40*	0.21	*0.04*	38	**1.9**	*0.35*	0.19	*0.03*
Germany, Brandenburg	403	**4.2**	*0.23*	0.44	*0.03*	374	**3.0**	*0.20*	0.29	*0.02*
Germany, Free State of Saxony	658	**3.7**	*0.16*	0.39	*0.02*	734	**2.9**	*0.15*	0.28	*0.01*
Germany, Hamburg	245	**3.8**	*0.27*	0.39	*0.03*	239	**2.8**	*0.23*	0.29	*0.02*
Germany, Mecklenburg-Western Pomerania	292	**4.6**	*0.28*	0.47	*0.03*	265	**3.1**	*0.24*	0.33	*0.03*
Germany, Munich	257	**3.0**	*0.21*	0.30	*0.02*	219	**2.1**	*0.17*	0.22	*0.02*
Germany, Northrhine-Westphalia: Munster	400	**4.1**	*0.22*	0.42	*0.03*	394	**3.1**	*0.20*	0.27	*0.02*
Germany, Saarland	171	**4.2**	*0.37*	0.42	*0.04*	146	**2.5**	*0.26*	0.28	*0.03*
Iceland	30	**3.3**	*0.62*	0.42	*0.09*	26	**2.6**	*0.57*	0.22	*0.06*
Ireland	427	**3.7**	*0.18*	0.39	*0.02*	293	**2.4**	*0.15*	0.23	*0.02*
Italy, Biella Province	50	**6.9**	*1.21*	0.65	*0.11*	30	**2.4**	*0.54*	0.31	*0.07*
Italy, Brescia Province	102	**4.3**	*0.46*	0.47	*0.06*	97	**3.4**	*0.41*	0.35	*0.04*
Italy, Ferrara Province	71	**3.7**	*0.53*	0.38	*0.06*	69	**2.8**	*0.51*	0.25	*0.05*
Italy, Florence and Prato	175	**3.3**	*0.30*	0.33	*0.03*	185	**2.8**	*0.28*	0.27	*0.03*
Italy, Genoa Province	107	**3.8**	*0.44*	0.38	*0.05*	109	**3.7**	*0.52*	0.35	*0.04*
Italy, Macerata Province	19	**2.5**	*0.75*	0.19	*0.06*	24	**2.3**	*0.63*	0.23	*0.06*
Italy, Milan	184	**4.5**	*0.41*	0.41	*0.04*	171	**2.9**	*0.30*	0.29	*0.03*
Italy, Modena Province	114	**4.2**	*0.46*	0.44	*0.05*	106	**3.0**	*0.41*	0.29	*0.04*
Italy, Naples	53	**3.8**	*0.53*	0.41	*0.06*	49	**2.9**	*0.44*	0.31	*0.05*
Italy, North East Cancer Surveillance Network	351	**4.0**	*0.25*	0.41	*0.03*	366	**3.3**	*0.23*	0.30	*0.02*
Italy, Parma Province	99	**4.7**	*0.51*	0.53	*0.07*	55	**2.4**	*0.46*	0.22	*0.04*
Italy, Ragusa Province	49	**3.8**	*0.60*	0.40	*0.08*	42	**3.2**	*0.64*	0.31	*0.06*
Italy, Reggio Emilia Province	104	**5.1**	*0.57*	0.51	*0.06*	84	**3.3**	*0.46*	0.34	*0.05*
Italy, Romagna Region	252	**5.3**	*0.43*	0.47	*0.04*	184	**3.0**	*0.29*	0.30	*0.03*
Italy, Salerno Province	120	**3.9**	*0.39*	0.38	*0.04*	105	**2.9**	*0.31*	0.30	*0.03*
Italy, Sassari Province	109	**5.3**	*0.53*	0.62	*0.08*	52	**2.7**	*0.47*	0.28	*0.05*
Italy, Syracuse Province	57	**5.1**	*0.75*	0.51	*0.08*	32	**2.9**	*0.60*	0.28	*0.06*
Italy, Sondrio	33	**5.0**	*0.98*	0.39	*0.09*	25	**2.8**	*0.65*	0.28	*0.07*
Italy, Torino	179	**4.4**	*0.40*	0.41	*0.04*	160	**3.2**	*0.34*	0.31	*0.03*
Italy, Umbria Region	204	**4.9**	*0.43*	0.51	*0.05*	131	**3.0**	*0.33*	0.30	*0.03*
Italy, Varese Province	77	**4.0**	*0.49*	0.41	*0.06*	81	**3.9**	*0.61*	0.39	*0.05*
Italy, Veneto Region	280	**4.3**	*0.29*	0.42	*0.03*	266	**3.1**	*0.25*	0.33	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloid leukaemia (C92-94) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	264	**3.6**	*0.23*	0.39	*0.03*	280	**2.6**	*0.18*	0.27	*0.02*
Lithuania	375	**3.6**	*0.19*	0.42	*0.03*	408	**2.7**	*0.15*	0.29	*0.02*
Malta	63	**5.0**	*0.66*	0.54	*0.08*	42	**2.8**	*0.49*	0.30	*0.06*
Norway	605	**3.6**	*0.16*	0.37	*0.02*	501	**2.5**	*0.13*	0.24	*0.01*
Poland, Cracow	53	**2.2**	*0.31*	0.23	*0.04*	71	**2.3**	*0.31*	0.24	*0.03**
Poland, Kielce	99	**2.4**	*0.25*	0.26	*0.03*	125	**2.4**	*0.23*	0.25	*0.03*
Poland, Warsaw City	136	**2.6**	*0.24*	0.27	*0.03*	146	**1.8**	*0.19*	0.20	*0.02*
Portugal, Porto	205	**2.3**	*0.17*	0.21	*0.02*	169	**1.7**	*0.14*	0.15	*0.01**
Portugal, South Regional	339	**3.5**	*0.21*	0.36	*0.02*	261	**2.6**	*0.19*	0.25	*0.02*
Russia, St Petersburg	377	**3.0**	*0.16*	0.31	*0.02*	518	**2.3**	*0.12*	0.25	*0.01*
Serbia	327	**2.1**	*0.13*	0.22	*0.01*	263	**1.5**	*0.10*	0.16	*0.01*
Slovak Republic	461	**3.0**	*0.14*	0.31	*0.02*	452	**2.4**	*0.12*	0.25	*0.01*
Slovenia	179	**2.8**	*0.22*	0.28	*0.02*	164	**2.0**	*0.18*	0.21	*0.02*
Spain, Albacete	33	**2.7**	*0.52*	0.32	*0.07*	28	**2.2**	*0.48*	0.18	*0.05*
Spain, Asturias	145	**3.3**	*0.33*	0.33	*0.03*	106	**2.1**	*0.25*	0.20	*0.02*
Spain, Basque Country	166	**2.4**	*0.21*	0.26	*0.02*	137	**2.0**	*0.21*	0.18	*0.02*
Spain, Canary Islands	176	**3.9**	*0.31*	0.39	*0.04*	124	**2.5**	*0.25*	0.26	*0.03*
Spain, Cuenca	19	**1.5**	*0.40*	0.16	*0.05*	21	**2.2**	*0.60*	0.22	*0.06*
Spain, Girona	82	**3.6**	*0.44*	0.38	*0.05*	56	**2.5**	*0.43*	0.23	*0.04*
Spain, Granada	102	**3.6**	*0.40*	0.35	*0.04*	95	**3.0**	*0.36*	0.29	*0.04*
Spain, Murcia	172	**4.4**	*0.36*	0.44	*0.04*	124	**2.9**	*0.30*	0.28	*0.03*
Spain, Navarra	69	**3.0**	*0.38*	0.35	*0.05*	50	**1.9**	*0.35*	0.19	*0.04*
Spain, Tarragona	77	**4.2**	*0.54*	0.42	*0.06*	42	**1.9**	*0.33*	0.22	*0.04*
Spain, Zaragoza	84	**2.2**	*0.26*	0.24	*0.03*	70	**1.9**	*0.28*	0.19	*0.03*
Sweden	1105	**3.2**	*0.11*	0.32	*0.01*	999	**2.6**	*0.10*	0.26	*0.01*
Switzerland, Geneva	64	**4.0**	*0.53*	0.36	*0.06*	60	**2.5**	*0.39*	0.24	*0.05*
Switzerland, Graubunden and Glarus	25	**2.7**	*0.64*	0.25	*0.07*	23	**2.4**	*0.66*	0.22	*0.06*
Switzerland, Neuchatel	14	**2.3**	*0.65*	0.30	*0.09*	26	**3.0**	*0.78*	0.27	*0.08*
Switzerland, St Gall-Appenzell	69	**3.9**	*0.52*	0.41	*0.06*	54	**2.7**	*0.44*	0.27	*0.05*
Switzerland, Ticino	49	**4.2**	*0.69*	0.32	*0.06*	33	**2.0**	*0.40*	0.23	*0.05*
Switzerland, Valais	39	**3.8**	*0.64*	0.33	*0.07*	31	**3.1**	*0.62*	0.33	*0.07*
Switzerland, Vaud	85	**3.7**	*0.44*	0.38	*0.05*	71	**2.5**	*0.34*	0.26	*0.04*
The Netherlands	1994	**3.6**	*0.09*	0.38	*0.01*	1643	**2.6**	*0.07*	0.26	*0.01*
The Netherlands, Eindhoven	110	**3.2**	*0.31*	0.30	*0.04*	108	**2.8**	*0.30*	0.29	*0.03*
The Netherlands, Maastricht	127	**3.6**	*0.33*	0.40	*0.04*	76	**2.4**	*0.32*	0.22	*0.03*
UK, East of England Region	382	**3.5**	*0.20*	0.35	*0.02*	299	**2.5**	*0.17*	0.25	*0.02*
UK, England, Merseyside and Cheshire	321	**3.4**	*0.20*	0.36	*0.03*	284	**2.6**	*0.18*	0.26	*0.02*
UK, England, North Western	593	**3.9**	*0.17*	0.40	*0.02*	498	**2.7**	*0.14*	0.27	*0.02*
UK, England, Northern and Yorkshire	874	**3.5**	*0.13*	0.33	*0.01*	900	**3.0**	*0.12*	0.29	*0.01*
UK, England, Oxford Region	390	**4.0**	*0.21*	0.41	*0.03*	306	**2.7**	*0.18*	0.29	*0.02*
UK, England, South and Western Regions	1034	**3.7**	*0.13*	0.37	*0.01*	984	**3.0**	*0.12*	0.30	*0.01*
UK, England, Thames	2004	**4.0**	*0.10*	0.39	*0.01*	1627	**2.6**	*0.08*	0.26	*0.01*
UK, England, Trent	687	**3.6**	*0.15*	0.36	*0.02*	565	**2.4**	*0.13*	0.24	*0.01*
UK, England, West Midlands	713	**3.5**	*0.14*	0.37	*0.02*	600	**2.5**	*0.12*	0.26	*0.01*
UK, Northern Ireland	228	**4.2**	*0.29*	0.45	*0.04*	168	**2.5**	*0.22*	0.25	*0.02*
UK, Scotland	728	**4.0**	*0.16*	0.39	*0.02*	602	**2.6**	*0.13*	0.25	*0.01*
Oceania										
Australia, New South Wales	1283	**5.6**	*0.17*	0.57	*0.02*	916	**3.6**	*0.13*	0.34	*0.01*
Australia, Northern Territory	15	**3.5**	*0.97*	0.26	*0.11*	16	**3.7**	*0.97*	0.23	*0.07*
Australia, Queensland	658	**5.4**	*0.22*	0.52	*0.03*	451	**3.4**	*0.18*	0.34	*0.02*
Australia, South	365	**6.3**	*0.35*	0.67	*0.04*	282	**4.0**	*0.28*	0.42	*0.03*
Australia, Tasmania	77	**4.7**	*0.58*	0.51	*0.07*	66	**3.2**	*0.47*	0.30	*0.05*
Australia, Victoria	834	**4.9**	*0.18*	0.48	*0.02*	652	**3.3**	*0.15*	0.32	*0.02*
Australia, Western	261	**4.2**	*0.27*	0.44	*0.04*	186	**2.7**	*0.22*	0.26	*0.03*
Australian Capital Territory	49	**5.7**	*0.84*	0.52	*0.11*	36	**3.5**	*0.63*	0.35	*0.08*
French Polynesia	23	**4.7**	*1.03*	0.45	*0.13*	27	**6.0**	*1.19*	0.69	*0.17*
New Zealand	628	**5.0**	*0.21*	0.53	*0.03*	529	**3.7**	*0.18*	0.37	*0.02*
USA, Hawaii	214	**5.0**	*0.38*	0.49	*0.04*	144	**3.0**	*0.28*	0.27	*0.03*
USA, Hawaii: Chinese	13	**3.9**	*1.20*	0.45	*0.15*	10	**2.3**	*0.92*	0.19	*0.09*
USA, Hawaii: Filipino	32	**5.1**	*1.00*	0.41	*0.10*	17	**2.2**	*0.56*	0.23	*0.07*
USA, Hawaii: Hawaiian	32	**5.9**	*1.07*	0.56	*0.14*	25	**4.2**	*0.86*	0.45	*0.11*
USA, Hawaii: Japanese	62	**5.5**	*0.94*	0.54	*0.09*	45	**3.0**	*0.56*	0.28	*0.06*
USA, Hawaii: White	58	**5.1**	*0.75*	0.52	*0.09*	33	**2.3**	*0.45*	0.19	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia unspecified (C95)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	9	**0.3**	*0.13*	-	-	10	**0.4**	*0.12*	-	- *
Egypt, Gharbiah	62	**1.0**	*0.15*	-	-	44	**0.7**	*0.11*	-	-
Tunisia, Centre, Sousse	0	**-**	-	-	-	0	**-**	-	-	- *
Uganda, Kyadondo County	14	**0.5**	*0.18*	-	-	9	**0.3**	*0.19*	-	- *
Zimbabwe, Harare: African	10	**0.4**	*0.15*	-	-	5	**0.2**	*0.10*	-	- *
America, Central and South										
Argentina, Bahia Blanca	20	**2.5**	*0.62*	0.25	*0.07*	17	**1.4**	*0.39*	0.12	*0.04*
Brazil, Brasilia	18	**0.7**	*0.18*	0.06	*0.02*	14	**0.4**	*0.13*	0.04	*0.02*
Brazil, Cuiaba	16	**1.5**	*0.38*	0.08	*0.02*	6	**0.7**	*0.30*	0.06	*0.03*
Brazil, Goiania	9	**0.5**	*0.17*	0.03	*0.01*	14	**0.7**	*0.19*	0.07	*0.02*
Brazil, Sao Paulo	234	**1.0**	*0.07*	0.09	*0.01*	186	**0.7**	*0.05*	0.06	*0.01*
Chile, Valdivia	6	**0.7**	*0.30*	0.06	*0.03*	1	**0.1**	*0.06*	-	-
Colombia, Cali	42	**1.2**	*0.19*	0.13	*0.03*	41	**0.9**	*0.14*	0.09	*0.02*
Costa Rica	32	**0.4**	*0.07*	0.03	*0.01*	28	**0.3**	*0.06*	0.03	*0.01*
Ecuador, Quito	13	**0.4**	*0.11*	0.03	*0.01*	26	**0.7**	*0.15*	0.08	*0.02*
France, La Martinique	15	**1.4**	*0.38*	0.13	*0.04*	15	**1.2**	*0.32*	0.11	*0.03*
Peru, Trujillo	4	**0.4**	*0.23*	0.06	*0.04*	11	**0.9**	*0.29*	0.11	*0.04* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	649	**0.8**	*0.03*	0.07	*0.00*	569	**0.5**	*0.03*	0.04	*0.00*
Canada, Alberta	59	**0.6**	*0.08*	0.06	*0.01*	27	**0.2**	*0.04*	0.02	*0.01*
Canada, British Columbia	105	**0.6**	*0.06*	0.05	*0.01*	87	**0.4**	*0.05*	0.03	*0.01*
Canada, Manitoba	13	**0.3**	*0.08*	0.01	*0.01*	15	**0.2**	*0.06*	0.01	*0.01*
Canada, New Brunswick	17	**0.6**	*0.15*	0.06	*0.02*	10	**0.3**	*0.14*	0.01	*0.01*
Canada, Newfoundland and Labrador	8	**0.5**	*0.18*	0.05	*0.02*	7	**0.3**	*0.13*	0.04	*0.02*
Canada, Northwest Territories	0	**-**	-	-	-	0	**-**	-	-	-
Canada, Nova Scotia	51	**1.5**	*0.22*	0.14	*0.03*	51	**1.2**	*0.20*	0.10	*0.02*
Canada, Ontario	381	**0.9**	*0.05*	0.08	*0.01*	358	**0.6**	*0.04*	0.05	*0.00*
Canada, Prince Edward Island	0	**-**	-	-	-	2	**0.1**	*0.08*	-	-
Canada, Saskatchewan	15	**0.3**	*0.09*	0.04	*0.01*	12	**0.2**	*0.08*	0.01	*0.01*
USA, Alabama	98	**0.6**	*0.06*	0.05	*0.01*	90	**0.4**	*0.05*	0.03	*0.01*
USA, Alabama: Black	13	**0.4**	*0.12*	0.04	*0.02*	20	**0.4**	*0.10*	0.03	*0.01*
USA, Alabama: White	85	**0.6**	*0.07*	0.05	*0.01*	69	**0.4**	*0.06*	0.03	*0.01*
USA, Alaska	5	**0.4**	*0.17*	0.06	*0.03*	9	**0.7**	*0.23*	0.03	*0.01*
USA, Arizona	94	**0.5**	*0.05*	0.04	*0.01*	96	**0.4**	*0.05*	0.03	*0.00*
USA, California	494	**0.4**	*0.02*	0.04	*0.00*	475	**0.3**	*0.01*	0.02	*0.00*
USA, California: Asian and Pacific Islander	31	**0.2**	*0.04*	0.02	*0.01*	23	**0.1**	*0.03*	0.01	*0.00*
USA, California: Black	21	**0.3**	*0.08*	0.03	*0.01*	25	**0.3**	*0.06*	0.03	*0.01*
USA, California: Hispanic White	46	**0.3**	*0.04*	0.02	*0.01*	63	**0.3**	*0.03*	0.02	*0.00*
USA, California: Non-Hispanic White	390	**0.5**	*0.03*	0.04	*0.00*	359	**0.3**	*0.02*	0.02	*0.00*
USA, California, Greater San Francisco Bay Area	86	**0.4**	*0.04*	0.04	*0.01*	80	**0.2**	*0.03*	0.01	*0.00*
USA, California, Greater San Francisco Bay Area: Black	4	**0.3**	*0.16*	0.03	*0.02*	1	**0.1**	*0.06*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Chinese	6	**0.3**	*0.14*	0.02	*0.02*	2	**0.1**	*0.04*	-	-
USA, California, Greater San Francisco Bay Area: Filipino	4	**0.4**	*0.22*	0.05	*0.04*	7	**0.5**	*0.21*	0.05	*0.02*
USA, California, Greater San Francisco Bay Area: Japanese	0	**-**	-	-	-	2	**0.5**	*0.35*	0.04	*0.04*
USA, California, Greater San Francisco Bay Area: Hispanic White	2	**0.1**	*0.08*	0.01	*0.01*	7	**0.2**	*0.07*	0.01	*0.01*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	68	**0.4**	*0.06*	0.05	*0.01*	60	**0.2**	*0.03*	0.01	*0.00*
USA, California, Los Angeles County	93	**0.3**	*0.03*	0.03	*0.00*	108	**0.2**	*0.02*	0.01	*0.00*
USA, California, Los Angeles County: Black	3	**0.1**	*0.07*	0.00	*0.00*	9	**0.2**	*0.07*	0.02	*0.01*
USA, California, Los Angeles County: Chinese	3	**0.2**	*0.11*	0.01	*0.01*	2	**0.1**	*0.07*	-	-
USA, California, Los Angeles County: Filipino	2	**0.2**	*0.13*	-	-	2	**0.1**	*0.11*	0.01	*0.01*
USA, California, Los Angeles County: Japanese	2	**0.2**	*0.11*	-	-	0	**-**	-	-	-
USA, California, Los Angeles County: Korean	2	**0.4**	*0.26*	0.05	*0.05*	1	**0.3**	*0.30*	0.02	*0.02*
USA, California, Los Angeles County: Hispanic White	16	**0.2**	*0.06*	0.02	*0.01*	22	**0.2**	*0.05*	0.02	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	60	**0.3**	*0.05*	0.03	*0.01*	70	**0.2**	*0.03*	0.01	*0.00*
USA, Colorado	72	**0.5**	*0.07*	0.04	*0.01*	58	**0.3**	*0.04*	0.03	*0.01*
USA, Connecticut	95	**0.7**	*0.08*	0.05	*0.01*	94	**0.5**	*0.07*	0.04	*0.01*
USA, Connecticut: Black	3	**0.5**	*0.29*	0.08	*0.05*	5	**0.4**	*0.20*	0.04	*0.03*
USA, Connecticut: White	90	**0.7**	*0.08*	0.05	*0.01*	89	**0.5**	*0.07*	0.04	*0.01*
USA, District of Columbia	16	**1.0**	*0.28*	0.08	*0.03*	12	**0.3**	*0.09*	0.01	*0.01*
USA, District of Columbia: Black	9	**1.0**	*0.38*	0.09	*0.04*	8	**0.3**	*0.14*	0.02	*0.01*
USA, District of Columbia: White	7	**0.9**	*0.40*	0.09	*0.06*	4	**0.2**	*0.10*	-	-
USA, Florida	570	**0.7**	*0.04*	0.07	*0.00*	459	**0.5**	*0.03*	0.04	*0.00*
USA, Florida: Black	33	**0.6**	*0.10*	0.05	*0.01*	40	**0.5**	*0.08*	0.03	*0.01*
USA, Florida: White	528	**0.8**	*0.04*	0.07	*0.00*	415	**0.5**	*0.03*	0.04	*0.00*
USA, Georgia	98	**0.4**	*0.04*	0.04	*0.01*	126	**0.3**	*0.04*	0.03	*0.00*
USA, Georgia: Black	17	**0.4**	*0.09*	0.05	*0.02*	33	**0.4**	*0.08*	0.04	*0.01*
USA, Georgia: White	81	**0.4**	*0.05*	0.04	*0.01*	93	**0.3**	*0.04*	0.03	*0.00*
USA, Georgia, Atlanta	21	**0.3**	*0.07*	0.02	*0.01*	28	**0.3**	*0.05*	0.02	*0.01*
USA, Georgia, Atlanta: Black	7	**0.5**	*0.18*	0.04	*0.02*	9	**0.3**	*0.09*	0.01	*0.01*
USA, Georgia, Atlanta: White	14	**0.3**	*0.07*	0.01	*0.01*	19	**0.3**	*0.07*	0.02	*0.01*
USA, Idaho	18	**0.4**	*0.11*	0.04	*0.01*	20	**0.3**	*0.09*	0.02	*0.01*
USA, Illinois	335	**0.9**	*0.05*	0.07	*0.01*	324	**0.6**	*0.04*	0.04	*0.00*
USA, Illinois: Black	34	**0.8**	*0.14*	0.08	*0.02*	36	**0.5**	*0.09*	0.04	*0.01*
USA, Illinois: White	294	**0.9**	*0.06*	0.07	*0.01*	284	**0.6**	*0.05*	0.04	*0.00*
USA, Indiana	81	**0.4**	*0.05*	0.04	*0.01*	87	**0.2**	*0.03*	0.02	*0.00*
USA, Iowa	69	**0.5**	*0.07*	0.06	*0.01*	60	**0.3**	*0.05*	0.03	*0.01*
USA, Kentucky	93	**0.7**	*0.08*	0.06	*0.01*	72	**0.3**	*0.05*	0.04	*0.01*
USA, Louisiana	112	**0.8**	*0.08*	0.07	*0.01*	107	**0.5**	*0.06*	0.05	*0.01*
USA, Louisiana: Black	21	**0.6**	*0.14*	0.05	*0.02*	31	**0.6**	*0.12*	0.07	*0.02*
USA, Louisiana: White	90	**0.9**	*0.10*	0.08	*0.01*	75	**0.5**	*0.08*	0.05	*0.01*
USA, Louisiana, New Orleans: Black	7	**0.7**	*0.28*	0.06	*0.03*	10	**0.6**	*0.20*	0.06	*0.03*
USA, Louisiana, New Orleans: White	14	**0.6**	*0.18*	0.05	*0.02*	8	**0.2**	*0.08*	0.03	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia unspecified (C95) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	17	**0.3**	*0.07*	0.03	*0.01*	24	**0.3**	*0.07*	0.03	*0.01*
USA, Massachusetts	109	**0.4**	*0.04*	0.03	*0.01*	146	**0.3**	*0.04*	0.02	*0.00*
USA, Michigan	211	**0.6**	*0.04*	0.06	*0.01*	203	**0.4**	*0.03*	0.04	*0.00*
USA, Michigan: Black	31	**0.9**	*0.16*	0.11	*0.03*	17	**0.4**	*0.09*	0.03	*0.01*
USA, Michigan: White	176	**0.5**	*0.04*	0.05	*0.01*	180	**0.4**	*0.04*	0.03	*0.00*
USA, Michigan, Detroit	108	**0.8**	*0.08*	0.07	*0.01*	100	**0.5**	*0.06*	0.05	*0.01*
USA, Michigan, Detroit: Black	21	**0.8**	*0.19*	0.10	*0.03*	11	**0.3**	*0.10*	0.03	*0.01*
USA, Michigan, Detroit: White	86	**0.8**	*0.09*	0.07	*0.01*	88	**0.6**	*0.08*	0.05	*0.01*
USA, Missouri	185	**0.8**	*0.06*	0.08	*0.01*	120	**0.3**	*0.04*	0.02	*0.00*
USA, Missouri: Black	14	**0.9**	*0.25*	0.05	*0.02*	14	**0.6**	*0.16*	0.05	*0.02*
USA, Missouri: White	171	**0.8**	*0.06*	0.08	*0.01*	103	**0.3**	*0.03*	0.02	*0.00*
USA, Montana	26	**0.7**	*0.14*	0.08	*0.02*	18	**0.3**	*0.09*	0.02	*0.01*
USA, NPCR	4786	**0.6**	*0.01*	0.05	*0.00*	4378	**0.4**	*0.01*	0.03	*0.00*
USA, NPCR: Black	346	**0.5**	*0.03*	0.05	*0.00*	385	**0.4**	*0.02*	0.03	*0.00*
USA, NPCR: White	4311	**0.6**	*0.01*	0.05	*0.00*	3888	**0.4**	*0.01*	0.03	*0.00*
USA, New Jersey	190	**0.6**	*0.05*	0.05	*0.01*	172	**0.4**	*0.03*	0.03	*0.00*
USA, New Jersey: Black	12	**0.4**	*0.12*	0.04	*0.02*	17	**0.3**	*0.08*	0.02	*0.01*
USA, New Jersey: White	169	**0.6**	*0.05*	0.05	*0.01*	150	**0.4**	*0.04*	0.03	*0.00*
USA, New Mexico	32	**0.5**	*0.09*	0.06	*0.01*	29	**0.3**	*0.08*	0.02	*0.01*
USA, New Mexico: American Indian	0	**-**	-	-	-	0	**-**	-	-	-
USA, New Mexico: Hispanic White	10	**0.5**	*0.16*	0.04	*0.02*	8	**0.3**	*0.12*	0.02	*0.01*
USA, New Mexico: Non-Hispanic White	22	**0.6**	*0.14*	0.07	*0.02*	21	**0.5**	*0.18*	0.03	*0.01*
USA, New York State	386	**0.5**	*0.03*	0.05	*0.00*	375	**0.3**	*0.02*	0.03	*0.00*
USA, New York State: Black	32	**0.4**	*0.08*	0.05	*0.01*	36	**0.3**	*0.05*	0.02	*0.01*
USA, New York State: White	345	**0.6**	*0.03*	0.05	*0.00*	331	**0.4**	*0.03*	0.03	*0.00*
USA, Ohio	299	**0.7**	*0.04*	0.06	*0.01*	314	**0.5**	*0.03*	0.04	*0.00*
USA, Ohio: Black	23	**0.7**	*0.15*	0.06	*0.02*	18	**0.3**	*0.08*	0.02	*0.01*
USA, Ohio: White	273	**0.7**	*0.04*	0.06	*0.01*	294	**0.5**	*0.03*	0.05	*0.00*
USA, Oklahoma	124	**0.9**	*0.09*	0.09	*0.01*	93	**0.6**	*0.07*	0.06	*0.01*
USA, Oregon	46	**0.3**	*0.05*	0.03	*0.01*	51	**0.2**	*0.04*	0.02	*0.01*
USA, Pennsylvania	274	**0.5**	*0.03*	0.05	*0.00*	244	**0.3**	*0.02*	0.02	*0.00*
USA, Pennsylvania: Black	14	**0.5**	*0.13*	0.05	*0.02*	16	**0.3**	*0.08*	0.04	*0.01*
USA, Pennsylvania: White	255	**0.5**	*0.03*	0.05	*0.00*	221	**0.3**	*0.03*	0.02	*0.00*
USA, Rhode Island	26	**0.5**	*0.11*	0.02	*0.01*	24	**0.4**	*0.09*	0.03	*0.01*
USA, SEER (9 Registries)	517	**0.5**	*0.02*	0.05	*0.00*	461	**0.3**	*0.02*	0.03	*0.00*
USA, SEER (9 Registries): Black	37	**0.6**	*0.10*	0.07	*0.01*	26	**0.2**	*0.05*	0.02	*0.01*
USA, SEER (9 Registries): White	439	**0.5**	*0.03*	0.05	*0.00*	402	**0.3**	*0.02*	0.03	*0.00*
USA, SEER (14 Registries)	1345	**0.5**	*0.01*	0.05	*0.00*	1229	**0.3**	*0.01*	0.03	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	62	**0.3**	*0.04*	0.03	*0.01*	42	**0.2**	*0.03*	0.02	*0.00*
USA, SEER (14 Registries): Black	91	**0.5**	*0.05*	0.05	*0.01*	102	**0.3**	*0.04*	0.03	*0.01*
USA, SEER (14 Registries): Hispanic White	78	**0.3**	*0.04*	0.03	*0.01*	89	**0.3**	*0.03*	0.02	*0.00*
USA, SEER (14 Registries): Non-Hispanic White	1097	**0.5**	*0.02*	0.05	*0.00*	981	**0.3**	*0.01*	0.03	*0.00*
USA, South Carolina	55	**0.4**	*0.05*	0.03	*0.01*	66	**0.3**	*0.04*	0.03	*0.01*
USA, South Carolina: Black	13	**0.4**	*0.12*	0.04	*0.02*	16	**0.3**	*0.09*	0.03	*0.01*
USA, South Carolina: White	41	**0.4**	*0.06*	0.03	*0.01*	44	**0.3**	*0.04*	0.03	*0.01*
USA, Texas	433	**0.7**	*0.03*	0.06	*0.00*	350	**0.4**	*0.02*	0.03	*0.00*
USA, Texas: Black	33	**0.6**	*0.10*	0.05	*0.02*	39	**0.4**	*0.08*	0.03	*0.01*
USA, Texas: White	390	**0.7**	*0.04*	0.06	*0.00*	303	**0.4**	*0.02*	0.03	*0.00*
USA, Utah	25	**0.4**	*0.08*	0.04	*0.01*	28	**0.3**	*0.06*	0.03	*0.01*
USA, Vermont	7	**0.3**	*0.10*	0.02	*0.02*	8	**0.2**	*0.08*	0.02	*0.01*
USA, Washington State	112	**0.5**	*0.05*	0.04	*0.01*	68	**0.2**	*0.03*	0.02	*0.00*
USA, Washington, Seattle	73	**0.4**	*0.06*	0.03	*0.01*	46	**0.2**	*0.04*	0.02	*0.01*
USA, West Virginia	34	**0.4**	*0.08*	0.03	*0.01*	47	**0.4**	*0.08*	0.04	*0.01*
USA, Wisconsin	162	**0.7**	*0.06*	0.08	*0.01*	140	**0.4**	*0.05*	0.04	*0.01*
Asia										
Bahrain: Bahraini	6	**0.8**	*0.33*	0.10	*0.05*	5	**0.8**	*0.37*	0.13	*0.07*
China, Guangzhou City	59	**1.1**	*0.15*	0.10	*0.02*	32	**0.7**	*0.14*	0.05	*0.01**
China, Hong Kong	70	**0.3**	*0.04*	0.04	*0.01*	72	**0.3**	*0.04*	0.02	*0.00*
China, Jiashan	26	**2.8**	*0.63*	0.22	*0.05*	20	**2.1**	*0.59*	0.21	*0.05**
China, Nangang District, Harbin City	48	**2.0**	*0.33*	0.20	*0.03*	32	**1.7**	*0.39*	0.13	*0.03*
China, Shanghai	269	**1.3**	*0.10*	0.12	*0.01*	264	**1.2**	*0.10*	0.11	*0.01**
China, Zhongshan	14	**0.4**	*0.12*	0.04	*0.01*	10	**0.3**	*0.10*	0.03	*0.01**
Cyprus	3	**0.2**	*0.09*	0.02	*0.01*	3	**0.2**	*0.10*	0.01	*0.01**
India, Chennai (Madras)	63	**0.6**	*0.08*	0.06	*0.01*	38	**0.4**	*0.07*	0.04	*0.01*
India, New Delhi	205	**0.7**	*0.05*	0.06	*0.01*	101	**0.4**	*0.04*	0.04	*0.01**
India, Karunagappally	2	**0.2**	*0.13*	0.00	*0.00*	4	**0.4**	*0.20*	0.04	*0.02*
India, Mumbai (Bombay)	150	**0.6**	*0.05*	0.06	*0.01*	123	**0.5**	*0.05*	0.04	*0.01*
India, Nagpur	41	**0.8**	*0.13*	0.06	*0.01*	20	**0.4**	*0.10*	0.03	*0.01**
India, Poona	34	**0.5**	*0.08*	0.03	*0.01*	30	**0.4**	*0.08*	0.03	*0.01**
India, Trivandrum	7	**0.3**	*0.10*	0.02	*0.01*	6	**0.2**	*0.08*	0.02	*0.01**
Israel	103	**0.6**	*0.06*	0.06	*0.01*	95	**0.4**	*0.05*	0.04	*0.01*
Israel: Jews	81	**0.5**	*0.06*	0.05	*0.01*	74	**0.4**	*0.05*	0.03	*0.01*
Israel: Non-Jews	8	**0.3**	*0.13*	0.04	*0.02*	12	**0.5**	*0.17*	0.05	*0.02*
Japan, Aichi Prefecture	17	**0.4**	*0.11*	0.04	*0.01*	12	**0.3**	*0.09*	0.05	*0.02*
Japan, Fukui Prefecture	10	**0.2**	*0.08*	0.04	*0.01*	8	**0.1**	*0.06*	0.02	*0.01*
Japan, Hiroshima	4	**0.1**	*0.04*	0.01	*0.01*	11	**0.2**	*0.07*	0.03	*0.01*
Japan, Miyagi Prefecture	44	**0.5**	*0.09*	0.04	*0.01*	33	**0.3**	*0.07*	0.01	*0.00*
Japan, Nagasaki Prefecture	19	**0.3**	*0.07*	0.02	*0.01*	9	**0.1**	*0.03*	0.01	*0.00*
Japan, Osaka Prefecture	173	**0.6**	*0.05*	0.05	*0.00*	119	**0.3**	*0.04*	0.03	*0.00*
Japan, Yamagata Prefecture	15	**0.3**	*0.08*	0.02	*0.01*	10	**0.2**	*0.09*	0.01	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia unspecified (C95) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	446	**0.5**	*0.03*	0.05	*0.00*	382	**0.4**	*0.02*	0.03	*0.00*
Korea, Busan	42	**0.6**	*0.10*	0.07	*0.01*	31	**0.3**	*0.05*	0.03	*0.01*
Korea, Daegu	35	**0.7**	*0.12*	0.05	*0.01*	25	**0.4**	*0.09*	0.03	*0.01*
Korea, Daejeon	27	**1.0**	*0.21*	0.12	*0.03*	7	**0.2**	*0.09*	0.02	*0.01*
Korea, Gwangju	14	**0.5**	*0.14*	0.05	*0.02*	12	**0.4**	*0.12*	0.03	*0.01*
Korea, Incheon	23	**0.5**	*0.11*	0.04	*0.01*	14	**0.2**	*0.06*	0.03	*0.01*
Korea, Jejudo	2	**0.4**	*0.27*	0.06	*0.05*	4	**0.5**	*0.26*	0.04	*0.02*
Korea, Seoul	84	**0.5**	*0.06*	0.04	*0.01*	77	**0.3**	*0.04*	0.03	*0.00*
Korea, Ulsan	10	**0.5**	*0.16*	0.04	*0.02*	7	**0.3**	*0.13*	0.02	*0.01*
Kuwait: Kuwaitis	4	**0.4**	*0.21*	0.00	*0.00*	0	**-**	-	-	-
Kuwait: Non-Kuwaitis	4	**0.2**	*0.13*	0.03	*0.02*	2	**0.4**	*0.39*	0.02	*0.02*
Malaysia, Penang	21	**0.9**	*0.21*	0.10	*0.03*	15	**0.6**	*0.16*	0.06	*0.02*
Malaysia, Sarawak	15	**0.4**	*0.10*	0.04	*0.01*	15	**0.3**	*0.08*	0.02	*0.01*
Oman: Omani	20	**0.7**	*0.19*	0.06	*0.02*	20	**0.7**	*0.19*	0.08	*0.03**
Pakistan, South Karachi	18	**0.5**	*0.13*	0.05	*0.02*	15	**0.5**	*0.13*	0.03	*0.01**
Philippines, Manila	153	**1.6**	*0.15*	0.16	*0.02*	170	**1.5**	*0.13*	0.15	*0.02**
Singapore	31	**0.4**	*0.07*	0.02	*0.01*	31	**0.3**	*0.06*	0.03	*0.01*
Singapore: Chinese	24	**0.4**	*0.08*	0.02	*0.01*	25	**0.3**	*0.07*	0.03	*0.01*
Singapore: Indian	3	**0.5**	*0.34*	0.03	*0.02*	2	**0.4**	*0.30*	0.04	*0.03*
Singapore: Malay	4	**0.5**	*0.23*	0.06	*0.03*	4	**0.5**	*0.25*	0.07	*0.04*
Thailand, Chiang Mai	14	**0.4**	*0.10*	0.05	*0.01*	14	**0.4**	*0.10*	0.03	*0.01**
Thailand, Lampang	16	**0.8**	*0.21*	0.07	*0.02*	17	**0.8**	*0.19*	0.08	*0.02**
Thailand, Songkhla	17	**0.6**	*0.15*	0.05	*0.02*	25	**0.8**	*0.17*	0.06	*0.02*
Turkey, Antalya	9	**0.3**	*0.10*	0.03	*0.01*	9	**0.3**	*0.10*	0.02	*0.01**
Turkey, Izmir	14	**0.2**	*0.05*	0.02	*0.01*	5	**0.1**	*0.03*	0.00	*0.00**
Europe										
Austria	104	**0.3**	*0.03*	0.03	*0.00*	106	**0.2**	*0.03*	0.02	*0.00*
Austria, Tyrol	2	**0.1**	*0.05*	-	-	5	**0.2**	*0.08*	0.02	*0.01*
Austria, Vorarlberg	5	**0.6**	*0.28*	0.04	*0.02*	2	**0.3**	*0.23*	0.01	*0.01*
Belarus	110	**0.4**	*0.04*	0.04	*0.00*	115	**0.3**	*0.03*	0.03	*0.00**
Belgium, Antwerp	11	**0.2**	*0.05*	0.02	*0.01*	14	**0.1**	*0.05*	0.01	*0.01**
Belgium, Flanders	68	**0.4**	*0.05*	0.04	*0.01*	65	**0.3**	*0.04*	0.02	*0.00*
Bulgaria	230	**0.8**	*0.06*	0.09	*0.01*	198	**0.6**	*0.06*	0.06	*0.01**
Croatia	55	**0.3**	*0.05*	0.03	*0.01*	47	**0.2**	*0.04*	0.02	*0.00*
Czech Republic	135	**0.4**	*0.03*	0.03	*0.00*	111	**0.2**	*0.02*	0.02	*0.00*
Denmark	29	**0.1**	*0.03*	0.01	*0.00*	36	**0.1**	*0.03*	0.01	*0.00*
Estonia	9	**0.2**	*0.06*	0.04	*0.01*	8	**0.1**	*0.05*	0.01	*0.01*
Finland	45	**0.3**	*0.05*	0.02	*0.00*	56	**0.2**	*0.03*	0.02	*0.00*
France, Bas-Rhin	9	**0.2**	*0.08*	0.03	*0.01*	6	**0.1**	*0.06*	0.01	*0.01*
France, Calvados	6	**0.4**	*0.16*	0.04	*0.02*	3	**0.1**	*0.09*	0.01	*0.01*
France, Doubs	3	**0.1**	*0.09*	0.01	*0.01*	3	**0.1**	*0.07*	0.01	*0.01*
France, Haut-Rhin	11	**0.4**	*0.12*	0.03	*0.01*	13	**0.5**	*0.18*	0.04	*0.01*
France, Herault	2	**0.0**	*0.02*	-	-	0	**-**	-	-	-
France, Isere	11	**0.3**	*0.08*	0.03	*0.01*	16	**0.2**	*0.04*	0.00	*0.00*
France, Loire-Atlantique	0	**-**	-	-	-	3	**0.0**	*0.02*	0.00	*0.00*
France, Manche	7	**0.5**	*0.25*	0.05	*0.02*	9	**0.4**	*0.17*	0.04	*0.02*
France, Somme	4	**0.1**	*0.08*	0.02	*0.01*	6	**0.2**	*0.09*	0.02	*0.01*
France, Tarn	1	**0.0**	*0.03*	-	-	5	**0.1**	*0.04*	-	-
France, Vendee	16	**0.8**	*0.24*	0.09	*0.03*	2	**0.0**	*0.02*	-	-
Germany, Brandenburg	54	**0.6**	*0.09*	0.03	*0.01*	64	**0.4**	*0.08*	0.02	*0.01*
Germany, Free State of Saxony	83	**0.4**	*0.05*	0.03	*0.01*	107	**0.3**	*0.03*	0.02	*0.00*
Germany, Hamburg	18	**0.3**	*0.08*	0.02	*0.01*	32	**0.2**	*0.04*	0.01	*0.00*
Germany, Mecklenburg-Western Pomerania	26	**0.5**	*0.14*	0.05	*0.01*	23	**0.2**	*0.05*	0.02	*0.01*
Germany, Munich	85	**0.8**	*0.09*	0.06	*0.01*	93	**0.5**	*0.06*	0.05	*0.01*
Germany, Northrhine-Westphalia: Munster	66	**0.6**	*0.07*	0.05	*0.01*	68	**0.3**	*0.04*	0.03	*0.01*
Germany, Saarland	11	**0.2**	*0.07*	0.02	*0.01*	19	**0.2**	*0.05*	0.01	*0.01*
Iceland	0	**-**	-	-	-	0	**-**	-	-	-
Ireland	110	**0.9**	*0.09*	0.08	*0.01*	108	**0.6**	*0.06*	0.04	*0.01*
Italy, Biella Province	1	**0.1**	*0.13*	0.02	*0.02*	1	**0.0**	*0.02*	-	-
Italy, Brescia Province	5	**0.3**	*0.15*	0.02	*0.01*	9	**0.1**	*0.05*	0.01	*0.01*
Italy, Ferrara Province	6	**0.6**	*0.45*	0.04	*0.02*	7	**0.2**	*0.09*	0.02	*0.01*
Italy, Florence and Prato	50	**0.8**	*0.14*	0.07	*0.01*	35	**0.4**	*0.08*	0.03	*0.01*
Italy, Genoa Province	11	**0.3**	*0.11*	0.04	*0.02*	13	**0.2**	*0.07*	0.01	*0.01*
Italy, Macerata Province	13	**1.1**	*0.33*	0.14	*0.05*	8	**0.7**	*0.29*	0.09	*0.04*
Italy, Milan	0	**-**	-	-	-	3	**0.0**	*0.01*	-	-
Italy, Modena Province	1	**0.0**	*0.03*	0.01	*0.01*	2	**0.0**	*0.01*	-	-
Italy, Naples	41	**2.8**	*0.46*	0.28	*0.05*	38	**2.1**	*0.37*	0.18	*0.04*
Italy, North East Cancer Surveillance Network	34	**0.4**	*0.06*	0.04	*0.01*	24	**0.1**	*0.03*	0.01	*0.00*
Italy, Parma Province	15	**0.9**	*0.35*	0.07	*0.03*	14	**0.7**	*0.35*	0.06	*0.02*
Italy, Ragusa Province	6	**0.3**	*0.15*	0.03	*0.02*	8	**0.6**	*0.25*	0.06	*0.03*
Italy, Reggio Emilia Province	11	**0.7**	*0.27*	0.06	*0.02*	5	**0.1**	*0.07*	0.01	*0.01*
Italy, Romagna Region	25	**0.4**	*0.09*	0.03	*0.01*	27	**0.4**	*0.08*	0.03	*0.01*
Italy, Salerno Province	27	**0.8**	*0.18*	0.07	*0.02*	18	**0.6**	*0.16*	0.05	*0.01*
Italy, Sassari Province	5	**0.2**	*0.09*	0.02	*0.02*	3	**0.1**	*0.05*	0.01	*0.01*
Italy, Syracuse Province	5	**0.3**	*0.14*	0.03	*0.02*	8	**0.3**	*0.13*	0.04	*0.02*
Italy, Sondrio	1	**0.2**	*0.17*	0.02	*0.02*	0	**-**	-	-	-
Italy, Torino	21	**0.5**	*0.14*	0.04	*0.01*	15	**0.3**	*0.08*	0.02	*0.01*
Italy, Umbria Region	10	**0.1**	*0.04*	0.00	*0.00*	17	**0.2**	*0.06*	0.01	*0.01*
Italy, Varese Province	7	**0.4**	*0.19*	0.03	*0.01*	6	**0.2**	*0.10*	0.02	*0.01*
Italy, Veneto Region	45	**0.7**	*0.13*	0.06	*0.01*	47	**0.3**	*0.05*	0.02	*0.01*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Leukaemia unspecified (C95) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	31	**0.4**	*0.08*	0.04	*0.01*	46	**0.5**	*0.10*	0.04	*0.01*
Lithuania	48	**0.4**	*0.06*	0.05	*0.01*	79	**0.4**	*0.06*	0.04	*0.01*
Malta	0	**-**	-	-	-	2	**0.1**	*0.10*	0.01	*0.01*
Norway	96	**0.5**	*0.06*	0.05	*0.01*	79	**0.3**	*0.04*	0.03	*0.01*
Poland, Cracow	22	**0.9**	*0.19*	0.08	*0.02*	18	**0.4**	*0.11*	0.04	*0.01**
Poland, Kielce	12	**0.3**	*0.08*	0.03	*0.01*	19	**0.3**	*0.08*	0.03	*0.01*
Poland, Warsaw City	7	**0.1**	*0.05*	0.02	*0.01*	7	**0.1**	*0.03*	0.01	*0.00*
Portugal, Porto	33	**0.3**	*0.06*	0.03	*0.01*	30	**0.2**	*0.04*	0.03	*0.01**
Portugal, South Regional	16	**0.2**	*0.05*	0.01	*0.00*	11	**0.1**	*0.02*	0.01	*0.00*
Russia, St Petersburg	84	**0.6**	*0.07*	0.07	*0.01*	121	**0.5**	*0.06*	0.05	*0.01*
Serbia	68	**0.4**	*0.06*	0.05	*0.01*	64	**0.3**	*0.05*	0.04	*0.01*
Slovak Republic	46	**0.3**	*0.04*	0.03	*0.01*	40	**0.2**	*0.03*	0.01	*0.00*
Slovenia	19	**0.3**	*0.06*	0.03	*0.01*	13	**0.1**	*0.03*	0.01	*0.00*
Spain, Albacete	1	**0.0**	*0.04*	-	-	2	**0.1**	*0.04*	-	-
Spain, Asturias	34	**0.8**	*0.19*	0.07	*0.02*	36	**0.6**	*0.13*	0.06	*0.01*
Spain, Basque Country	94	**1.3**	*0.14*	0.12	*0.02*	69	**0.9**	*0.15*	0.08	*0.01*
Spain, Canary Islands	16	**0.4**	*0.11*	0.02	*0.01*	8	**0.1**	*0.04*	0.01	*0.01*
Spain, Cuenca	16	**1.1**	*0.32*	0.08	*0.04*	6	**0.7**	*0.34*	0.07	*0.04*
Spain, Girona	19	**0.7**	*0.18*	0.07	*0.02*	7	**0.2**	*0.07*	0.02	*0.01*
Spain, Granada	10	**0.4**	*0.13*	0.04	*0.01*	6	**0.2**	*0.10*	0.01	*0.01*
Spain, Murcia	14	**0.3**	*0.08*	0.02	*0.01*	25	**0.5**	*0.15*	0.03	*0.01*
Spain, Navarra	14	**0.4**	*0.12*	0.06	*0.02*	11	**0.4**	*0.22*	0.03	*0.01*
Spain, Tarragona	31	**1.4**	*0.31*	0.11	*0.03*	18	**0.4**	*0.12*	0.04	*0.02*
Spain, Zaragoza	26	**0.6**	*0.13*	0.08	*0.02*	18	**0.4**	*0.12*	0.03	*0.01*
Sweden	98	**0.3**	*0.03*	0.02	*0.00*	94	**0.3**	*0.04*	0.02	*0.00*
Switzerland, Geneva	5	**0.3**	*0.16*	0.02	*0.01*	7	**0.2**	*0.11*	0.03	*0.02*
Switzerland, Graubunden and Glarus	0	**-**	-	-	-	1	**0.1**	*0.12*	0.02	*0.02*
Switzerland, Neuchatel	5	**0.7**	*0.33*	0.11	*0.06*	2	**0.2**	*0.15*	0.02	*0.02*
Switzerland, St Gall-Appenzell	6	**0.3**	*0.14*	0.01	*0.01*	3	**0.1**	*0.05*	0.01	*0.01*
Switzerland, Ticino	5	**0.4**	*0.17*	0.04	*0.02*	8	**0.5**	*0.27*	0.02	*0.02*
Switzerland, Valais	1	**0.1**	*0.05*	-	-	3	**0.2**	*0.14*	0.03	*0.02*
Switzerland, Vaud	11	**0.3**	*0.10*	0.02	*0.01*	13	**0.2**	*0.08*	0.03	*0.01*
The Netherlands	84	**0.2**	*0.02*	0.01	*0.00*	63	**0.1**	*0.01*	0.01	*0.00*
The Netherlands, Eindhoven	7	**0.2**	*0.07*	0.02	*0.01*	4	**0.0**	*0.02*	-	-
The Netherlands, Maastricht	5	**0.2**	*0.12*	0.01	*0.01*	0	**-**	-	-	-
UK, East of England Region	29	**0.2**	*0.04*	0.02	*0.01*	24	**0.1**	*0.02*	0.00	*0.00*
UK, England, Merseyside and Cheshire	47	**0.5**	*0.09*	0.05	*0.01*	31	**0.2**	*0.05*	0.01	*0.00*
UK, England, North Western	50	**0.3**	*0.06*	0.02	*0.00*	65	**0.3**	*0.05*	0.02	*0.00*
UK, England, Northern and Yorkshire	48	**0.2**	*0.03*	0.02	*0.00*	39	**0.1**	*0.02*	0.01	*0.00*
UK, England, Oxford Region	18	**0.2**	*0.04*	0.01	*0.00*	22	**0.1**	*0.02*	0.01	*0.00*
UK, England, South and Western Regions	116	**0.4**	*0.04*	0.04	*0.00*	105	**0.3**	*0.04*	0.02	*0.00*
UK, England, Thames	123	**0.2**	*0.02*	0.02	*0.00*	123	**0.1**	*0.02*	0.01	*0.00*
UK, England, Trent	31	**0.1**	*0.03*	0.01	*0.00*	48	**0.2**	*0.03*	0.01	*0.00*
UK, England, West Midlands	59	**0.3**	*0.04*	0.03	*0.00*	60	**0.2**	*0.03*	0.02	*0.00*
UK, Northern Ireland	22	**0.3**	*0.07*	0.03	*0.01*	22	**0.3**	*0.07*	0.03	*0.01*
UK, Scotland	28	**0.1**	*0.03*	0.01	*0.00*	26	**0.1**	*0.02*	0.01	*0.00*
Oceania										
Australia, New South Wales	119	**0.5**	*0.05*	0.05	*0.01*	93	**0.3**	*0.04*	0.03	*0.00*
Australia, Northern Territory	0	**-**	-	-	-	0	**-**	-	-	-
Australia, Queensland	24	**0.2**	*0.04*	0.02	*0.01*	20	**0.1**	*0.02*	0.01	*0.00*
Australia, South	8	**0.1**	*0.04*	0.01	*0.01*	11	**0.1**	*0.04*	0.01	*0.00*
Australia, Tasmania	7	**0.4**	*0.15*	0.03	*0.02*	9	**0.2**	*0.07*	0.01	*0.01*
Australia, Victoria	71	**0.4**	*0.05*	0.04	*0.01*	59	**0.3**	*0.04*	0.02	*0.00*
Australia, Western	29	**0.5**	*0.09*	0.05	*0.01*	10	**0.1**	*0.04*	0.01	*0.01*
Australian Capital Territory	0	**-**	-	-	-	2	**0.2**	*0.14*	0.01	*0.01*
French Polynesia	4	**0.9**	*0.47*	0.06	*0.05*	5	**1.2**	*0.53*	0.12	*0.07*
New Zealand	41	**0.3**	*0.05*	0.02	*0.01*	28	**0.1**	*0.03*	0.01	*0.00*
USA, Hawaii	30	**0.6**	*0.12*	0.06	*0.02*	18	**0.3**	*0.09*	0.04	*0.01*
USA, Hawaii: Chinese	0	**-**	-	-	-	0	**-**	-	-	-
USA, Hawaii: Filipino	5	**0.5**	*0.26*	0.07	*0.05*	3	**0.4**	*0.23*	0.04	*0.03*
USA, Hawaii: Hawaiian	3	**0.6**	*0.36*	0.06	*0.04*	2	**0.4**	*0.30*	0.05	*0.04*
USA, Hawaii: Japanese	12	**0.5**	*0.19*	0.03	*0.02*	5	**0.2**	*0.14*	0.03	*0.02*
USA, Hawaii: White	8	**0.7**	*0.24*	0.11	*0.05*	2	**0.1**	*0.06*	-	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloproliferative disorders (MPD)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	0	-	-	-	-	0	-	-	-	- *
Egypt, Gharbiah	3	**0.0**	*0.03*	-	-	1	**0.0**	*0.02*	-	-
Tunisia, Centre, Sousse	0	-	-	-	-	0	-	-	-	- *
Uganda, Kyadondo County	0	-	-	-	-	0	-	-	-	- *
Zimbabwe, Harare: African	0	-	-	-	-	0	-	-	-	- *
America, Central and South										
Argentina, Bahia Blanca	3	**0.3**	*0.18*	0.05	*0.03*	4	**0.4**	*0.22*	0.04	*0.03*
Brazil, Brasilia	0	-	-	-	-	0	-	-	-	-
Brazil, Cuiaba	0	-	-	-	-	0	-	-	-	-
Brazil, Goiania	0	-	-	-	-	0	-	-	-	-
Brazil, Sao Paulo	0	-	-	-	-	0	-	-	-	-
Chile, Valdivia	0	-	-	-	-	0	-	-	-	-
Colombia, Cali	1	**0.0**	*0.03*	0.01	*0.01*	1	**0.0**	*0.03*	0.00	*0.00*
Costa Rica	0	-	-	-	-	1	**0.0**	*0.01*	0.00	*0.00*
Ecuador, Quito	0	-	-	-	-	0	-	-	-	-
France, La Martinique	4	**0.3**	*0.16*	0.04	*0.02*	2	**0.2**	*0.11*	0.01	*0.01*
Peru, Trujillo	0	-	-	-	-	0	-	-	-	- *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	865	**1.0**	*0.04*	0.12	*0.01*	929	**0.9**	*0.03*	0.10	*0.00*
Canada, Alberta	109	**1.2**	*0.11*	0.14	*0.02*	137	**1.3**	*0.12*	0.17	*0.02*
Canada, British Columbia	332	**2.0**	*0.12*	0.21	*0.02*	365	**1.9**	*0.11*	0.20	*0.02*
Canada, Manitoba	93	**2.3**	*0.25*	0.28	*0.04*	112	**2.4**	*0.25*	0.27	*0.03*
Canada, New Brunswick	43	**1.6**	*0.25*	0.21	*0.04*	29	**0.7**	*0.15*	0.05	*0.02*
Canada, Newfoundland and Labrador	3	**0.2**	*0.10*	0.02	*0.01*	3	**0.1**	*0.08*	0.01	*0.01*
Canada, Northwest Territories	0	-	-	-	-	0	-	-	-	-
Canada, Nova Scotia	37	**1.1**	*0.18*	0.11	*0.02*	35	**0.9**	*0.18*	0.10	*0.02*
Canada, Ontario	182	**0.5**	*0.04*	0.05	*0.00*	155	**0.3**	*0.03*	0.04	*0.00*
Canada, Prince Edward Island	2	**0.4**	*0.30*	0.03	*0.03*	4	**0.6**	*0.34*	0.07	*0.05*
Canada, Saskatchewan	64	**1.6**	*0.22*	0.17	*0.03*	89	**1.7**	*0.21*	0.23	*0.03*
USA, Alabama	4	**0.0**	*0.02*	0.00	*0.00*	7	**0.0**	*0.01*	0.00	*0.00*
USA, Alabama: Black	0	-	-	-	-	1	**0.0**	*0.01*	-	-
USA, Alabama: White	4	**0.0**	*0.02*	0.00	*0.00*	6	**0.0**	*0.02*	0.00	*0.00*
USA, Alaska	0	-	-	-	-	0	-	-	-	-
USA, Arizona	3	**0.0**	*0.01*	0.00	*0.00*	5	**0.0**	*0.01*	0.00	*0.00*
USA, California	551	**0.5**	*0.02*	0.06	*0.00*	476	**0.4**	*0.02*	0.04	*0.00*
USA, California: Asian and Pacific Islander	41	**0.3**	*0.06*	0.03	*0.01*	41	**0.3**	*0.05*	0.03	*0.01*
USA, California: Black	28	**0.5**	*0.09*	0.05	*0.01*	38	**0.5**	*0.09*	0.06	*0.01*
USA, California: Hispanic White	74	**0.4**	*0.05*	0.04	*0.01*	72	**0.4**	*0.04*	0.04	*0.01*
USA, California: Non-Hispanic White	379	**0.5**	*0.03*	0.06	*0.00*	303	**0.3**	*0.02*	0.04	*0.00*
USA, California, Greater San Francisco Bay Area	82	**0.4**	*0.05*	0.04	*0.01*	58	**0.2**	*0.03*	0.02	*0.00*
USA, California, Greater San Francisco Bay Area: Black	4	**0.2**	*0.12*	0.01	*0.01*	6	**0.4**	*0.18*	0.06	*0.03*
USA, California, Greater San Francisco Bay Area: Chinese	5	**0.3**	*0.14*	0.03	*0.02*	5	**0.3**	*0.14*	0.03	*0.02*
USA, California, Greater San Francisco Bay Area: Filipino	4	**0.4**	*0.22*	0.03	*0.02*	4	**0.4**	*0.19*	0.06	*0.03*
USA, California, Greater San Francisco Bay Area: Japanese	0	-	-	-	-	0	-	-	-	-
USA, California, Greater San Francisco Bay Area: Hispanic White	5	**0.2**	*0.10*	0.02	*0.01*	8	**0.3**	*0.10*	0.03	*0.02*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	54	**0.4**	*0.06*	0.05	*0.01*	29	**0.1**	*0.03*	0.01	*0.00*
USA, California, Los Angeles County	149	**0.5**	*0.05*	0.06	*0.01*	165	**0.5**	*0.04*	0.05	*0.01*
USA, California, Los Angeles County: Black	17	**0.7**	*0.18*	0.08	*0.02*	19	**0.6**	*0.13*	0.06	*0.02*
USA, California, Los Angeles County: Chinese	7	**0.6**	*0.24*	0.06	*0.03*	2	**0.1**	*0.09*	0.01	*0.01*
USA, California, Los Angeles County: Filipino	2	**0.2**	*0.17*	0.03	*0.02*	5	**0.5**	*0.22*	0.05	*0.03*
USA, California, Los Angeles County: Japanese	1	**0.1**	*0.08*	-	-	2	**0.1**	*0.08*	-	-
USA, California, Los Angeles County: Korean	1	**0.2**	*0.22*	0.05	*0.05*	0	-	-	-	-
USA, California, Los Angeles County: Hispanic White	33	**0.5**	*0.09*	0.04	*0.01*	42	**0.5**	*0.08*	0.06	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	81	**0.6**	*0.07*	0.06	*0.01*	90	**0.5**	*0.07*	0.06	*0.01*
USA, Colorado	2	**0.0**	*0.01*	0.00	*0.00*	2	**0.0**	*0.00*	-	-
USA, Connecticut	47	**0.4**	*0.06*	0.05	*0.01*	46	**0.3**	*0.05*	0.03	*0.01*
USA, Connecticut: Black	1	**0.2**	*0.18*	0.02	*0.02*	2	**0.3**	*0.18*	0.02	*0.02*
USA, Connecticut: White	45	**0.4**	*0.07*	0.05	*0.01*	43	**0.3**	*0.05*	0.03	*0.01*
USA, District of Columbia	1	**0.0**	*0.03*	-	-	0	-	-	-	-
USA, District of Columbia: Black	1	**0.0**	*0.05*	-	-	0	-	-	-	-
USA, District of Columbia: White	0	-	-	-	-	0	-	-	-	-
USA, Florida	2	**0.0**	*0.00*	0.00	*0.00*	1	**0.0**	*0.00*	-	-
USA, Florida: Black	1	**0.0**	*0.01*	0.00	*0.00*	0	-	-	-	-
USA, Florida: White	1	**0.0**	*0.00*	-	-	1	**0.0**	*0.00*	-	-
USA, Georgia	3	**0.0**	*0.01*	0.00	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
USA, Georgia: Black	1	**0.0**	*0.02*	0.00	*0.00*	0	-	-	-	-
USA, Georgia: White	2	**0.0**	*0.01*	0.00	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
USA, Georgia, Atlanta	31	**0.4**	*0.08*	0.05	*0.01*	33	**0.3**	*0.06*	0.03	*0.01*
USA, Georgia, Atlanta: Black	9	**0.6**	*0.20*	0.06	*0.03*	7	**0.2**	*0.08*	0.01	*0.01*
USA, Georgia, Atlanta: White	22	**0.4**	*0.09*	0.05	*0.01*	25	**0.4**	*0.09*	0.04	*0.01*
USA, Idaho	1	**0.0**	*0.03*	0.00	*0.00*	0	-	-	-	-
USA, Illinois	4	**0.0**	*0.01*	0.00	*0.00*	3	**0.0**	*0.00*	0.00	*0.00*
USA, Illinois: Black	0	-	-	-	-	0	-	-	-	-
USA, Illinois: White	3	**0.0**	*0.01*	0.00	*0.00*	3	**0.0**	*0.00*	0.00	*0.00*
USA, Indiana	3	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.01*	0.00	*0.00*
USA, Iowa	95	**0.8**	*0.09*	0.09	*0.01*	84	**0.6**	*0.08*	0.06	*0.01*
USA, Kentucky	98	**0.7**	*0.08*	0.09	*0.01*	87	**0.5**	*0.06*	0.06	*0.01*
USA, Louisiana	101	**0.8**	*0.08*	0.09	*0.01*	98	**0.6**	*0.07*	0.07	*0.01*
USA, Louisiana: Black	22	**0.6**	*0.14*	0.06	*0.02*	21	**0.5**	*0.11*	0.05	*0.02*
USA, Louisiana: White	78	**0.8**	*0.09*	0.09	*0.01*	77	**0.7**	*0.08*	0.08	*0.01*
USA, Louisiana, New Orleans: Black	7	**0.7**	*0.25*	0.08	*0.04*	7	**0.6**	*0.21*	0.09	*0.04*
USA, Louisiana, New Orleans: White	21	**1.0**	*0.24*	0.11	*0.03*	27	**1.2**	*0.26*	0.17	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloproliferative disorders (MPD) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	1	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	-	-
USA, Massachusetts	5	**0.0**	*0.01*	0.00	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
USA, Michigan	7	**0.0**	*0.01*	0.00	*0.00*	13	**0.0**	*0.01*	0.00	*0.00*
USA, Michigan: Black	0	**-**	-	-	-	1	**0.0**	*0.01*	-	-
USA, Michigan: White	7	**0.0**	*0.01*	0.00	*0.00*	12	**0.0**	*0.01*	0.00	*0.00*
USA, Michigan, Detroit	136	**1.0**	*0.09*	0.12	*0.01*	145	**0.7**	*0.07*	0.08	*0.01*
USA, Michigan, Detroit: Black	23	**0.8**	*0.18*	0.10	*0.03*	33	**0.9**	*0.16*	0.11	*0.02*
USA, Michigan, Detroit: White	109	**1.0**	*0.11*	0.12	*0.01*	104	**0.7**	*0.08*	0.07	*0.01*
USA, Missouri	2	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.00*	-	-
USA, Missouri: Black	0	**-**	-	-	-	0	**-**	-	-	-
USA, Missouri: White	2	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.00*	-	-
USA, Montana	0	**-**	-	-	-	0	**-**	-	-	-
USA, NPCR	116	**0.0**	*0.00*	0.00	*0.00*	101	**0.0**	*0.00*	0.00	*0.00*
USA, NPCR: Black	18	**0.0**	*0.01*	0.00	*0.00*	8	**0.0**	*0.00*	0.00	*0.00*
USA, NPCR: White	89	**0.0**	*0.00*	0.00	*0.00*	88	**0.0**	*0.00*	0.00	*0.00*
USA, New Jersey	209	**0.8**	*0.05*	0.09	*0.01*	210	**0.5**	*0.04*	0.06	*0.01*
USA, New Jersey: Black	27	**0.9**	*0.18*	0.13	*0.03*	25	**0.6**	*0.13*	0.07	*0.02*
USA, New Jersey: White	169	**0.7**	*0.06*	0.08	*0.01*	170	**0.5**	*0.05*	0.06	*0.01*
USA, New Mexico	58	**1.0**	*0.14*	0.12	*0.02*	54	**0.8**	*0.11*	0.10	*0.02*
USA, New Mexico: American Indian	3	**0.7**	*0.40*	0.03	*0.02*	0	**-**	-	-	-
USA, New Mexico: Hispanic White	18	**1.0**	*0.24*	0.12	*0.03*	18	**0.9**	*0.21*	0.12	*0.03*
USA, New Mexico: Non-Hispanic White	35	**1.0**	*0.20*	0.12	*0.02*	36	**0.9**	*0.16*	0.11	*0.02*
USA, New York State	588	**0.9**	*0.04*	0.10	*0.01*	572	**0.6**	*0.03*	0.07	*0.00*
USA, New York State: Black	45	**0.7**	*0.10*	0.08	*0.01*	58	**0.6**	*0.08*	0.06	*0.01*
USA, New York State: White	528	**1.0**	*0.04*	0.11	*0.01*	503	**0.7**	*0.04*	0.07	*0.00*
USA, Ohio	3	**0.0**	*0.01*	0.00	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
USA, Ohio: Black	1	**0.0**	*0.04*	0.01	*0.01*	0	**-**	-	-	-
USA, Ohio: White	2	**0.0**	*0.01*	0.00	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
USA, Oklahoma	3	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	-	-
USA, Oregon	3	**0.0**	*0.01*	0.00	*0.00*	1	**0.0**	*0.00*	-	-
USA, Pennsylvania	10	**0.0**	*0.01*	0.00	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
USA, Pennsylvania: Black	0	**-**	-	-	-	0	**-**	-	-	-
USA, Pennsylvania: White	8	**0.0**	*0.01*	0.00	*0.00*	3	**0.0**	*0.01*	0.00	*0.00*
USA, Rhode Island	2	**0.0**	*0.03*	0.00	*0.00*	0	**-**	-	-	-
USA, SEER (9 Registries)	602	**0.7**	*0.03*	0.08	*0.00*	550	**0.5**	*0.02*	0.05	*0.00*
USA, SEER (9 Registries): Black	42	**0.6**	*0.09*	0.07	*0.01*	52	**0.5**	*0.08*	0.06	*0.01*
USA, SEER (9 Registries): White	503	**0.7**	*0.03*	0.08	*0.00*	448	**0.5**	*0.03*	0.05	*0.00*
USA, SEER (14 Registries)	1502	**0.6**	*0.02*	0.07	*0.00*	1383	**0.5**	*0.01*	0.05	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	74	**0.4**	*0.05*	0.04	*0.01*	73	**0.3**	*0.04*	0.03	*0.01*
USA, SEER (14 Registries): Black	121	**0.6**	*0.06*	0.08	*0.01*	137	**0.5**	*0.05*	0.06	*0.01*
USA, SEER (14 Registries): Hispanic White	116	**0.5**	*0.05*	0.06	*0.01*	109	**0.4**	*0.04*	0.05	*0.01*
USA, SEER (14 Registries): Non-Hispanic White	1140	**0.7**	*0.02*	0.08	*0.00*	1019	**0.5**	*0.02*	0.05	*0.00*
USA, South Carolina	0	**-**	-	-	-	3	**0.0**	*0.00*	-	-
USA, South Carolina: Black	0	**-**	-	-	-	0	**-**	-	-	-
USA, South Carolina: White	0	**-**	-	-	-	3	**0.0**	*0.01*	-	-
USA, Texas	15	**0.0**	*0.01*	0.00	*0.00*	18	**0.0**	*0.01*	0.00	*0.00*
USA, Texas: Black	2	**0.0**	*0.02*	0.00	*0.00*	0	**-**	-	-	-
USA, Texas: White	11	**0.0**	*0.01*	0.00	*0.00*	17	**0.0**	*0.01*	0.00	*0.00*
USA, Utah	29	**0.5**	*0.10*	0.06	*0.01*	25	**0.4**	*0.08*	0.03	*0.01*
USA, Vermont	1	**0.0**	*0.05*	0.00	*0.00*	2	**0.1**	*0.08*	0.02	*0.01*
USA, Washington State	6	**0.0**	*0.01*	0.00	*0.00*	10	**0.0**	*0.01*	0.00	*0.00*
USA, Washington, Seattle	109	**0.8**	*0.08*	0.10	*0.01*	97	**0.6**	*0.06*	0.06	*0.01*
USA, West Virginia	0	**-**	-	-	-	1	**0.0**	*0.00*	-	-
USA, Wisconsin	1	**0.0**	*0.01*	0.00	*0.00*	0	**-**	-	-	-
Asia										
Bahrain: Bahraini	6	**1.0**	*0.43*	0.18	*0.09*	4	**0.6**	*0.29*	0.04	*0.03*
China, Guangzhou City	37	**0.8**	*0.14*	0.09	*0.02*	26	**0.4**	*0.08*	0.05	*0.01* *
China, Hong Kong	0	**-**	-	-	-	0	**-**	-	-	-
China, Jiashan	0	**-**	-	-	-	0	**-**	-	-	- *
China, Nangang District, Harbin City	0	**-**	-	-	-	0	**-**	-	-	-
China, Shanghai	2	**0.0**	*0.01*	0.00	*0.00*	2	**0.0**	*0.00*	0.00	*0.00* *
China, Zhongshan	0	**-**	-	-	-	0	**-**	-	-	- *
Cyprus	0	**-**	-	-	-	0	**-**	-	-	- *
India, Chennai (Madras)	1	**0.0**	*0.01*	0.00	*0.00*	0	**-**	-	-	-
India, New Delhi	0	**-**	-	-	-	0	**-**	-	-	- *
India, Karunagappally	0	**-**	-	-	-	0	**-**	-	-	-
India, Mumbai (Bombay)	0	**-**	-	-	-	0	**-**	-	-	-
India, Nagpur	0	**-**	-	-	-	0	**-**	-	-	- *
India, Poona	0	**-**	-	-	-	0	**-**	-	-	- *
India, Trivandrum	1	**0.0**	*0.04*	0.00	*0.00*	0	**-**	-	-	- *
Israel	282	**1.7**	*0.11*	0.21	*0.02*	250	**1.2**	*0.08*	0.13	*0.01*
Israel: Jews	250	**1.7**	*0.11*	0.20	*0.02*	217	**1.2**	*0.09*	0.13	*0.01*
Israel: Non-Jews	11	**0.5**	*0.16*	0.05	*0.02*	18	**0.9**	*0.24*	0.10	*0.03*
Japan, Aichi Prefecture	0	**-**	-	-	-	0	**-**	-	-	-
Japan, Fukui Prefecture	0	**-**	-	-	-	0	**-**	-	-	-
Japan, Hiroshima	5	**0.1**	*0.05*	0.01	*0.01*	2	**0.0**	*0.02*	0.00	*0.00*
Japan, Miyagi Prefecture	5	**0.0**	*0.02*	0.00	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
Japan, Nagasaki Prefecture	4	**0.1**	*0.03*	0.01	*0.01*	1	**0.0**	*0.02*	0.00	*0.00*
Japan, Osaka Prefecture	0	**-**	-	-	-	0	**-**	-	-	-
Japan, Yamagata Prefecture	0	**-**	-	-	-	0	**-**	-	-	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloproliferative disorders (MPD) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	31	**0.0**	*0.01*	0.00	*0.00*	34	**0.0**	*0.01*	0.00	*0.00*
Korea, Busan	4	**0.1**	*0.03*	0.01	*0.00*	13	**0.1**	*0.04*	0.02	*0.00*
Korea, Daegu	0	**-**	-	-	-	0	**-**	-	-	-
Korea, Daejeon	2	**0.1**	*0.05*	0.01	*0.01*	0	**-**	-	-	-
Korea, Gwangju	0	**-**	-	-	-	0	**-**	-	-	-
Korea, Incheon	2	**0.0**	*0.03*	0.00	*0.00*	0	**-**	-	-	-
Korea, Jejudo	1	**0.1**	*0.11*	0.01	*0.01*	1	**0.1**	*0.06*	-	-
Korea, Seoul	0	**-**	-	-	-	0	**-**	-	-	-
Korea, Ulsan	0	**-**	-	-	-	0	**-**	-	-	-
Kuwait: Kuwaitis	1	**0.1**	*0.13*	0.03	*0.03*	1	**0.0**	*0.05*	0.00	*0.00*
Kuwait: Non-Kuwaitis	4	**0.1**	*0.09*	0.01	*0.01*	2	**0.2**	*0.13*	0.02	*0.02*
Malaysia, Penang	0	**-**	-	-	-	2	**0.1**	*0.05*	0.01	*0.00*
Malaysia, Sarawak	0	**-**	-	-	-	0	**-**	-	-	-
Oman: Omani	0	**-**	-	-	-	1	**0.1**	*0.06*	0.00	*0.01**
Pakistan, South Karachi	0	**-**	-	-	-	1	**0.0**	*0.03*	0.00	*0.00**
Philippines, Manila	0	**-**	-	-	-	0	**-**	-	-	- *
Singapore	58	**0.7**	*0.09*	0.08	*0.01*	43	**0.5**	*0.07*	0.05	*0.01*
Singapore: Chinese	36	**0.6**	*0.10*	0.06	*0.01*	33	**0.4**	*0.08*	0.05	*0.01*
Singapore: Indian	6	**0.8**	*0.35*	0.07	*0.03*	4	**0.7**	*0.37*	0.09	*0.05*
Singapore: Malay	16	**1.8**	*0.46*	0.21	*0.06*	6	**0.6**	*0.27*	0.07	*0.03*
Thailand, Chiang Mai	0	**-**	-	-	-	0	**-**	-	-	- *
Thailand, Lampang	0	**-**	-	-	-	0	**-**	-	-	- *
Thailand, Songkhla	0	**-**	-	-	-	0	**-**	-	-	-
Turkey, Antalya	2	**0.1**	*0.04*	0.00	*0.00*	2	**0.1**	*0.05*	0.00	*0.00**
Turkey, Izmir	6	**0.1**	*0.03*	0.01	*0.00*	7	**0.1**	*0.03*	0.01	*0.00**
Europe										
Austria	0	**-**	-	-	-	0	**-**	-	-	-
Austria, Tyrol	41	**1.9**	*0.29*	0.24	*0.04*	52	**1.9**	*0.29*	0.20	*0.03*
Austria, Vorarlberg	0	**-**	-	-	-	0	**-**	-	-	-
Belarus	62	**0.2**	*0.03*	0.03	*0.00*	77	**0.2**	*0.02*	0.02	*0.00**
Belgium, Antwerp	14	**0.2**	*0.05*	0.03	*0.01*	16	**0.2**	*0.05*	0.03	*0.01**
Belgium, Flanders	157	**0.8**	*0.07*	0.09	*0.01*	128	**0.5**	*0.05*	0.06	*0.01*
Bulgaria	59	**0.2**	*0.03*	0.02	*0.00*	60	**0.1**	*0.02*	0.02	*0.00**
Croatia	3	**0.0**	*0.01*	0.00	*0.00*	2	**0.0**	*0.00*	-	-
Czech Republic	342	**1.0**	*0.05*	0.11	*0.01*	349	**0.8**	*0.05*	0.09	*0.01*
Denmark	0	**-**	-	-	-	0	**-**	-	-	-
Estonia	0	**-**	-	-	-	1	**0.0**	*0.01*	0.00	*0.00*
Finland	0	**-**	-	-	-	0	**-**	-	-	-
France, Bas-Rhin	92	**2.7**	*0.28*	0.31	*0.04*	70	**1.6**	*0.21*	0.17	*0.03*
France, Calvados	51	**2.0**	*0.30*	0.24	*0.04*	79	**2.5**	*0.31*	0.31	*0.04*
France, Doubs	52	**2.7**	*0.39*	0.31	*0.05*	50	**2.4**	*0.36*	0.30	*0.05*
France, Haut-Rhin	0	**-**	-	-	-	0	**-**	-	-	-
France, Herault	63	**1.5**	*0.21*	0.21	*0.03*	63	**1.5**	*0.21*	0.17	*0.03*
France, Isere	85	**2.1**	*0.23*	0.23	*0.03*	79	**1.7**	*0.20*	0.19	*0.03*
France, Loire-Atlantique	38	**0.9**	*0.16*	0.10	*0.02*	39	**0.8**	*0.13*	0.09	*0.02*
France, Manche	57	**2.8**	*0.40*	0.29	*0.05*	55	**2.0**	*0.33*	0.20	*0.04*
France, Somme	37	**1.9**	*0.33*	0.23	*0.04*	35	**1.5**	*0.27*	0.19	*0.04*
France, Tarn	41	**2.1**	*0.38*	0.22	*0.05*	35	**1.7**	*0.34*	0.21	*0.04*
France, Vendee	19	**0.8**	*0.19*	0.09	*0.02*	20	**0.7**	*0.17*	0.08	*0.02*
Germany, Brandenburg	67	**0.7**	*0.09*	0.07	*0.01*	66	**0.5**	*0.07*	0.06	*0.01*
Germany, Free State of Saxony	146	**0.8**	*0.06*	0.10	*0.01*	215	**0.7**	*0.06*	0.09	*0.01*
Germany, Hamburg	0	**-**	-	-	-	0	**-**	-	-	-
Germany, Mecklenburg-Western Pomerania	34	**0.6**	*0.12*	0.06	*0.01*	65	**0.6**	*0.08*	0.08	*0.01*
Germany, Munich	76	**0.9**	*0.10*	0.09	*0.01*	80	**0.6**	*0.08*	0.06	*0.01*
Germany, Northrhine-Westphalia: Munster	63	**0.6**	*0.08*	0.07	*0.01*	85	**0.6**	*0.08*	0.07	*0.01*
Germany, Saarland	7	**0.1**	*0.05*	0.02	*0.01*	7	**0.1**	*0.04*	0.01	*0.00*
Iceland	0	**-**	-	-	-	0	**-**	-	-	-
Ireland	231	**2.0**	*0.13*	0.24	*0.02*	220	**1.4**	*0.10*	0.14	*0.01*
Italy, Biella Province	35	**4.2**	*0.82*	0.45	*0.09*	39	**3.4**	*0.78*	0.35	*0.08*
Italy, Brescia Province	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Ferrara Province	32	**1.9**	*0.36*	0.23	*0.05*	15	**0.6**	*0.18*	0.07	*0.02*
Italy, Florence and Prato	265	**5.5**	*0.38*	0.60	*0.04*	197	**3.0**	*0.25*	0.33	*0.03*
Italy, Genoa Province	138	**5.2**	*0.48*	0.60	*0.06*	68	**1.7**	*0.25*	0.22	*0.03*
Italy, Macerata Province	6	**0.7**	*0.29*	0.07	*0.03*	4	**0.2**	*0.12*	0.05	*0.03*
Italy, Milan	10	**0.2**	*0.05*	0.02	*0.01*	4	**0.0**	*0.02*	0.01	*0.00*
Italy, Modena Province	2	**0.1**	*0.05*	0.00	*0.00*	0	**-**	-	-	-
Italy, Naples	43	**2.8**	*0.43*	0.36	*0.06*	17	**1.1**	*0.26*	0.13	*0.03*
Italy, North East Cancer Surveillance Network	8	**0.1**	*0.03*	0.01	*0.00*	5	**0.0**	*0.02*	0.00	*0.00*
Italy, Parma Province	56	**2.4**	*0.36*	0.23	*0.05*	50	**1.6**	*0.28*	0.18	*0.04*
Italy, Ragusa Province	55	**4.3**	*0.62*	0.58	*0.09*	36	**2.7**	*0.51*	0.29	*0.06*
Italy, Reggio Emilia Province	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Romagna Region	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Salerno Province	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Sassari Province	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Syracuse Province	13	**1.2**	*0.34*	0.12	*0.04*	14	**1.2**	*0.34*	0.12	*0.03*
Italy, Sondrio	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Torino	35	**0.9**	*0.18*	0.11	*0.02*	28	**0.5**	*0.11*	0.07	*0.01*
Italy, Umbria Region	2	**0.1**	*0.05*	0.01	*0.01*	0	**-**	-	-	-
Italy, Varese Province	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Veneto Region	0	**-**	-	-	-	0	**-**	-	-	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myeloproliferative disorders (MPD) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	72	**0.9**	*0.11*	0.12	*0.02*	90	**0.8**	*0.09*	0.10	*0.01*
Lithuania	43	**0.4**	*0.06*	0.05	*0.01*	43	**0.3**	*0.04*	0.03	*0.01*
Malta	11	**0.8**	*0.25*	0.09	*0.03*	15	**0.9**	*0.25*	0.11	*0.03*
Norway	179	**1.0**	*0.08*	0.11	*0.01*	143	**0.7**	*0.06*	0.07	*0.01*
Poland, Cracow	2	**0.1**	*0.04*	0.01	*0.01*	9	**0.2**	*0.07*	0.02	*0.01**
Poland, Kielce	1	**0.0**	*0.03*	0.00	*0.00*	1	**0.0**	*0.01*	-	-
Poland, Warsaw City	24	**0.4**	*0.08*	0.04	*0.01*	29	**0.3**	*0.07*	0.04	*0.01*
Portugal, Porto	120	**1.2**	*0.11*	0.13	*0.01*	93	**0.7**	*0.08*	0.08	*0.01**
Portugal, South Regional	63	**0.6**	*0.08*	0.07	*0.01*	62	**0.5**	*0.07*	0.06	*0.01*
Russia, St Petersburg	3	**0.0**	*0.01*	0.00	*0.00*	9	**0.0**	*0.01*	0.01	*0.00*
Serbia	3	**0.0**	*0.01*	0.00	*0.00*	4	**0.0**	*0.01*	0.00	*0.00*
Slovak Republic	236	**1.4**	*0.10*	0.18	*0.01*	207	**1.0**	*0.07*	0.11	*0.01*
Slovenia	75	**1.1**	*0.13*	0.14	*0.02*	92	**1.0**	*0.11*	0.12	*0.01*
Spain, Albacete	14	**1.0**	*0.29*	0.12	*0.04*	9	**0.5**	*0.19*	0.08	*0.03*
Spain, Asturias	0	**-**	-	-	-	0	**-**	-	-	-
Spain, Basque Country	0	**-**	-	-	-	0	**-**	-	-	-
Spain, Canary Islands	0	**-**	-	-	-	0	**-**	-	-	-
Spain, Cuenca	0	**-**	-	-	-	0	**-**	-	-	-
Spain, Girona	36	**1.5**	*0.26*	0.17	*0.04*	38	**1.4**	*0.26*	0.15	*0.03*
Spain, Granada	0	**-**	-	-	-	0	**-**	-	-	-
Spain, Murcia	0	**-**	-	-	-	0	**-**	-	-	-
Spain, Navarra	0	**-**	-	-	-	0	**-**	-	-	-
Spain, Tarragona	20	**0.8**	*0.19*	0.09	*0.03*	11	**0.4**	*0.12*	0.03	*0.02*
Spain, Zaragoza	0	**-**	-	-	-	0	**-**	-	-	-
Sweden	796	**2.0**	*0.08*	0.24	*0.01*	860	**1.8**	*0.07*	0.21	*0.01*
Switzerland, Geneva	35	**2.0**	*0.35*	0.17	*0.05*	33	**0.8**	*0.16*	0.05	*0.02*
Switzerland, Graubunden and Glarus	1	**0.1**	*0.05*	-	-	0	**-**	-	-	-
Switzerland, Neuchatel	0	**-**	-	-	-	0	**-**	-	-	-
Switzerland, St Gall-Appenzell	20	**1.1**	*0.25*	0.14	*0.04*	11	**0.5**	*0.17*	0.06	*0.02*
Switzerland, Ticino	2	**0.1**	*0.09*	0.01	*0.01*	0	**-**	-	-	-
Switzerland, Valais	0	**-**	-	-	-	0	**-**	-	-	-
Switzerland, Vaud	1	**0.1**	*0.05*	0.00	*0.00*	0	**-**	-	-	-
The Netherlands	247	**0.4**	*0.03*	0.05	*0.00*	216	**0.3**	*0.02*	0.03	*0.00*
The Netherlands, Eindhoven	13	**0.3**	*0.10*	0.05	*0.02*	14	**0.4**	*0.11*	0.04	*0.01*
The Netherlands, Maastricht	8	**0.2**	*0.09*	0.03	*0.01*	4	**0.1**	*0.04*	0.01	*0.01*
UK, East of England Region	237	**1.9**	*0.13*	0.22	*0.02*	266	**1.8**	*0.13*	0.21	*0.02*
UK, England, Merseyside and Cheshire	103	**1.0**	*0.10*	0.10	*0.01*	101	**0.7**	*0.08*	0.07	*0.01*
UK, England, North Western	253	**1.5**	*0.10*	0.16	*0.01*	270	**1.2**	*0.09*	0.13	*0.01*
UK, England, Northern and Yorkshire	554	**1.9**	*0.08*	0.20	*0.01*	647	**1.7**	*0.08*	0.19	*0.01*
UK, England, Oxford Region	24	**0.2**	*0.04*	0.02	*0.01*	10	**0.1**	*0.03*	0.01	*0.00*
UK, England, South and Western Regions	1148	**4.1**	*0.13*	0.45	*0.02*	962	**2.5**	*0.10*	0.27	*0.01*
UK, England, Thames	983	**1.8**	*0.06*	0.20	*0.01*	1209	**1.7**	*0.06*	0.18	*0.01*
UK, England, Trent	435	**2.1**	*0.11*	0.23	*0.01*	411	**1.5**	*0.09*	0.17	*0.01*
UK, England, West Midlands	383	**1.7**	*0.09*	0.19	*0.01*	419	**1.4**	*0.08*	0.16	*0.01*
UK, Northern Ireland	0	**-**	-	-	-	0	**-**	-	-	-
UK, Scotland	743	**3.8**	*0.15*	0.45	*0.02*	822	**3.1**	*0.12*	0.35	*0.02*
Oceania										
Australia, New South Wales	272	**1.1**	*0.07*	0.12	*0.01*	232	**0.8**	*0.06*	0.08	*0.01*
Australia, Northern Territory	0	**-**	-	-	-	0	**-**	-	-	-
Australia, Queensland	398	**3.2**	*0.17*	0.35	*0.02*	299	**2.2**	*0.14*	0.23	*0.02*
Australia, South	0	**-**	-	-	-	0	**-**	-	-	-
Australia, Tasmania	7	**0.3**	*0.12*	0.01	*0.01*	6	**0.3**	*0.14*	0.03	*0.02*
Australia, Victoria	365	**2.0**	*0.11*	0.20	*0.01*	353	**1.5**	*0.09*	0.13	*0.01*
Australia, Western	95	**1.4**	*0.15*	0.16	*0.02*	98	**1.3**	*0.14*	0.13	*0.02*
Australian Capital Territory	10	**1.1**	*0.37*	0.14	*0.05*	8	**0.8**	*0.28*	0.14	*0.06*
French Polynesia	0	**-**	-	-	-	0	**-**	-	-	-
New Zealand	0	**-**	-	-	-	0	**-**	-	-	-
USA, Hawaii	34	**0.8**	*0.14*	0.10	*0.02*	26	**0.6**	*0.12*	0.08	*0.02*
USA, Hawaii: Chinese	2	**0.5**	*0.36*	0.03	*0.03*	0	**-**	-	-	-
USA, Hawaii: Filipino	3	**0.5**	*0.31*	0.09	*0.05*	4	**0.6**	*0.28*	0.07	*0.04*
USA, Hawaii: Hawaiian	5	**1.0**	*0.46*	0.11	*0.06*	3	**0.5**	*0.30*	0.10	*0.06*
USA, Hawaii: Japanese	9	**0.6**	*0.23*	0.07	*0.03*	6	**0.4**	*0.18*	0.05	*0.02*
USA, Hawaii: White	13	**1.1**	*0.33*	0.14	*0.05*	7	**0.8**	*0.30*	0.10	*0.04*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myelodysplastic syndromes (MDS)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	0	-	-	-	-	0	-	-	-	- *
Egypt, Gharbiah	5	**0.1**	*0.04*	-	-	6	**0.1**	*0.04*	-	-
Tunisia, Centre, Sousse	0	-	-	-	-	0	-	-	-	- *
Uganda, Kyadondo County	0	-	-	-	-	0	-	-	-	- *
Zimbabwe, Harare: African	0	-	-	-	-	0	-	-	-	- *
America, Central and South										
Argentina, Bahia Blanca	5	**0.6**	*0.27*	0.09	*0.05*	7	**0.5**	*0.19*	0.07	*0.04*
Brazil, Brasilia	0	-	-	-	-	0	-	-	-	-
Brazil, Cuiaba	0	-	-	-	-	0	-	-	-	-
Brazil, Goiania	3	**0.3**	*0.15*	0.03	*0.02*	9	**0.5**	*0.17*	0.04	*0.02*
Brazil, Sao Paulo	0	-	-	-	-	0	-	-	-	-
Chile, Valdivia	0	-	-	-	-	0	-	-	-	-
Colombia, Cali	0	-	-	-	-	0	-	-	-	-
Costa Rica	3	**0.0**	*0.02*	0.00	*0.00*	1	**0.0**	*0.01*	-	-
Ecuador, Quito	0	-	-	-	-	0	-	-	-	-
France, La Martinique	35	**3.3**	*0.58*	0.44	*0.08*	34	**2.5**	*0.46*	0.32	*0.06*
Peru, Trujillo	2	**0.2**	*0.13*	-	-	1	**0.1**	*0.11*	0.03	*0.03* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	856	**0.9**	*0.03*	0.09	*0.00*	559	**0.5**	*0.02*	0.05	*0.00*
Canada, Alberta	130	**1.3**	*0.12*	0.11	*0.02*	72	**0.6**	*0.07*	0.06	*0.01*
Canada, British Columbia	305	**1.8**	*0.11*	0.16	*0.01*	206	**0.9**	*0.07*	0.08	*0.01*
Canada, Manitoba	145	**2.9**	*0.26*	0.28	*0.04*	85	**1.2**	*0.16*	0.12	*0.02*
Canada, New Brunswick	65	**2.1**	*0.27*	0.22	*0.04*	55	**1.6**	*0.25*	0.19	*0.04*
Canada, Newfoundland and Labrador	36	**1.9**	*0.33*	0.20	*0.05*	20	**0.9**	*0.22*	0.11	*0.03*
Canada, Northwest Territories	0	-	-	-	-	0	-	-	-	-
Canada, Nova Scotia	39	**1.1**	*0.20*	0.13	*0.03*	27	**0.6**	*0.12*	0.06	*0.02*
Canada, Ontario	92	**0.2**	*0.03*	0.03	*0.00*	75	**0.2**	*0.02*	0.02	*0.00*
Canada, Prince Edward Island	8	**1.4**	*0.51*	0.15	*0.08*	4	**0.3**	*0.20*	0.04	*0.04*
Canada, Saskatchewan	36	**0.9**	*0.16*	0.09	*0.02*	15	**0.2**	*0.08*	0.03	*0.01*
USA, Alabama	5	**0.0**	*0.02*	0.00	*0.00*	2	**0.0**	*0.01*	0.00	*0.00*
USA, Alabama: Black	0	-	-	-	-	1	**0.0**	*0.04*	0.00	*0.00*
USA, Alabama: White	5	**0.0**	*0.02*	0.01	*0.00*	1	**0.0**	*0.00*	-	-
USA, Alaska	0	-	-	-	-	0	-	-	-	-
USA, Arizona	0	-	-	-	-	0	-	-	-	-
USA, California	1034	**0.9**	*0.03*	0.08	*0.00*	798	**0.5**	*0.02*	0.05	*0.00*
USA, California: Asian and Pacific Islander	83	**0.7**	*0.07*	0.05	*0.01*	67	**0.4**	*0.05*	0.04	*0.01*
USA, California: Black	52	**0.9**	*0.13*	0.09	*0.02*	41	**0.5**	*0.08*	0.04	*0.01*
USA, California: Hispanic White	111	**0.7**	*0.07*	0.08	*0.01*	124	**0.6**	*0.06*	0.06	*0.01*
USA, California: Non-Hispanic White	765	**0.9**	*0.04*	0.09	*0.01*	541	**0.5**	*0.03*	0.05	*0.00*
USA, California, Greater San Francisco Bay Area	148	**0.6**	*0.06*	0.06	*0.01*	121	**0.4**	*0.04*	0.04	*0.01*
USA, California, Greater San Francisco Bay Area: Black	12	**0.9**	*0.26*	0.08	*0.03*	8	**0.5**	*0.19*	0.06	*0.03*
USA, California, Greater San Francisco Bay Area: Chinese	10	**0.5**	*0.16*	0.06	*0.03*	6	**0.2**	*0.10*	0.03	*0.02*
USA, California, Greater San Francisco Bay Area: Filipino	6	**0.8**	*0.34*	0.05	*0.03*	7	**0.8**	*0.32*	0.10	*0.04*
USA, California, Greater San Francisco Bay Area: Japanese	0	-	-	-	-	2	**0.5**	*0.40*	0.05	*0.05*
USA, California, Greater San Francisco Bay Area: Hispanic White	13	**0.6**	*0.16*	0.06	*0.02*	14	**0.5**	*0.14*	0.05	*0.02*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	103	**0.7**	*0.07*	0.07	*0.01*	75	**0.4**	*0.05*	0.04	*0.01*
USA, California, Los Angeles County	286	**0.9**	*0.06*	0.09	*0.01*	218	**0.5**	*0.04*	0.05	*0.01*
USA, California, Los Angeles County: Black	22	**0.8**	*0.18*	0.09	*0.03*	22	**0.5**	*0.11*	0.04	*0.01*
USA, California, Los Angeles County: Chinese	5	**0.3**	*0.15*	0.03	*0.02*	8	**0.5**	*0.18*	0.04	*0.03*
USA, California, Los Angeles County: Filipino	8	**0.8**	*0.30*	0.05	*0.04*	7	**0.5**	*0.20*	0.04	*0.03*
USA, California, Los Angeles County: Japanese	9	**0.8**	*0.26*	-	-	6	**0.5**	*0.20*	0.05	*0.04*
USA, California, Los Angeles County: Korean	0	-	-	-	-	0	-	-	-	-
USA, California, Los Angeles County: Hispanic White	45	**0.8**	*0.12*	0.09	*0.02*	41	**0.5**	*0.08*	0.05	*0.01*
USA, California, Los Angeles County: Non-Hispanic White	183	**1.0**	*0.08*	0.10	*0.01*	126	**0.6**	*0.06*	0.07	*0.01*
USA, Colorado	0	-	-	-	-	0	-	-	-	-
USA, Connecticut	85	**0.6**	*0.07*	0.06	*0.01*	75	**0.4**	*0.05*	0.04	*0.01*
USA, Connecticut: Black	0	-	-	-	-	2	**0.1**	*0.10*	-	-
USA, Connecticut: White	85	**0.6**	*0.08*	0.07	*0.01*	71	**0.4**	*0.05*	0.04	*0.01*
USA, District of Columbia	0	-	-	-	-	1	**0.1**	*0.05*	0.01	*0.01*
USA, District of Columbia: Black	0	-	-	-	-	1	**0.1**	*0.08*	0.01	*0.01*
USA, District of Columbia: White	0	-	-	-	-	0	-	-	-	-
USA, Florida	0	-	-	-	-	0	-	-	-	-
USA, Florida: Black	0	-	-	-	-	0	-	-	-	-
USA, Florida: White	0	-	-	-	-	0	-	-	-	-
USA, Georgia	1	**0.0**	*0.00*	0.00	*0.00*	0	-	-	-	-
USA, Georgia: Black	0	-	-	-	-	0	-	-	-	-
USA, Georgia: White	1	**0.0**	*0.01*	0.00	*0.00*	0	-	-	-	-
USA, Georgia, Atlanta	55	**0.8**	*0.12*	0.08	*0.02*	43	**0.4**	*0.07*	0.05	*0.01*
USA, Georgia, Atlanta: Black	6	**0.3**	*0.14*	0.01	*0.01*	13	**0.5**	*0.16*	0.06	*0.02*
USA, Georgia, Atlanta: White	47	**1.0**	*0.15*	0.11	*0.02*	29	**0.4**	*0.09*	0.04	*0.01*
USA, Idaho	0	-	-	-	-	0	-	-	-	-
USA, Illinois	0	-	-	-	-	0	-	-	-	-
USA, Illinois: Black	0	-	-	-	-	0	-	-	-	-
USA, Illinois: White	0	-	-	-	-	0	-	-	-	-
USA, Indiana	0	-	-	-	-	0	-	-	-	-
USA, Iowa	138	**1.0**	*0.09*	0.09	*0.01*	136	**0.7**	*0.07*	0.07	*0.01*
USA, Kentucky	136	**0.9**	*0.08*	0.11	*0.01*	153	**0.8**	*0.07*	0.09	*0.01*
USA, Louisiana	140	**1.0**	*0.08*	0.10	*0.01*	123	**0.6**	*0.06*	0.06	*0.01*
USA, Louisiana: Black	18	**0.5**	*0.13*	0.03	*0.01*	25	**0.5**	*0.11*	0.05	*0.01*
USA, Louisiana: White	121	**1.1**	*0.10*	0.11	*0.01*	97	**0.6**	*0.08*	0.06	*0.01*
USA, Louisiana, New Orleans: Black	7	**0.8**	*0.30*	0.05	*0.02*	7	**0.5**	*0.20*	0.06	*0.03*
USA, Louisiana, New Orleans: White	29	**1.2**	*0.24*	0.13	*0.04*	22	**0.7**	*0.22*	0.05	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myelodysplastic syndromes (MDS) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	0	-	-	-	-	0	-	-	-	-
USA, Massachusetts	0	-	-	-	-	0	-	-	-	-
USA, Michigan	9	**0.0**	*0.01*	0.00	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
USA, Michigan: Black	0	-	-	-	-	0	-	-	-	-
USA, Michigan: White	9	**0.0**	*0.01*	0.00	*0.00*	6	**0.0**	*0.01*	0.00	*0.00*
USA, Michigan, Detroit	214	**1.5**	*0.11*	0.15	*0.02*	219	**1.1**	*0.09*	0.11	*0.01*
USA, Michigan, Detroit: Black	38	**1.4**	*0.24*	0.12	*0.03*	38	**1.0**	*0.17*	0.13	*0.03*
USA, Michigan, Detroit: White	170	**1.4**	*0.12*	0.14	*0.02*	179	**1.1**	*0.10*	0.11	*0.01*
USA, Missouri	0	-	-	-	-	1	**0.0**	*0.01*	0.00	*0.00*
USA, Missouri: Black	0	-	-	-	-	0	-	-	-	-
USA, Missouri: White	0	-	-	-	-	1	**0.0**	*0.01*	0.00	*0.00*
USA, Montana	0	-	-	-	-	0	-	-	-	-
USA, NPCR	22	**0.0**	*0.00*	0.00	*0.00*	14	**0.0**	*0.00*	0.00	*0.00*
USA, NPCR: Black	0	-	-	-	-	3	**0.0**	*0.00*	0.00	*0.00*
USA, NPCR: White	22	**0.0**	*0.00*	0.00	*0.00*	11	**0.0**	*0.00*	0.00	*0.00*
USA, New Jersey	318	**1.0**	*0.06*	0.11	*0.01*	263	**0.5**	*0.04*	0.06	*0.01*
USA, New Jersey: Black	25	**0.9**	*0.18*	0.12	*0.03*	38	**0.8**	*0.14*	0.09	*0.02*
USA, New Jersey: White	281	**0.9**	*0.06*	0.11	*0.01*	214	**0.5**	*0.04*	0.05	*0.01*
USA, New Mexico	54	**0.8**	*0.12*	0.10	*0.02*	34	**0.4**	*0.08*	0.04	*0.01*
USA, New Mexico: American Indian	1	**0.3**	*0.34*	0.08	*0.08*	0	-	-	-	-
USA, New Mexico: Hispanic White	21	**1.1**	*0.24*	0.15	*0.04*	11	**0.5**	*0.16*	0.07	*0.02*
USA, New Mexico: Non-Hispanic White	32	**0.7**	*0.14*	0.08	*0.02*	22	**0.4**	*0.09*	0.03	*0.01*
USA, New York State	900	**1.2**	*0.04*	0.11	*0.01*	795	**0.7**	*0.03*	0.06	*0.00*
USA, New York State: Black	34	**0.5**	*0.08*	0.04	*0.01*	53	**0.4**	*0.06*	0.04	*0.01*
USA, New York State: White	846	**1.3**	*0.05*	0.12	*0.01*	724	**0.7**	*0.03*	0.07	*0.00*
USA, Ohio	2	**0.0**	*0.01*	0.00	*0.00*	0	-	-	-	-
USA, Ohio: Black	0	-	-	-	-	0	-	-	-	-
USA, Ohio: White	2	**0.0**	*0.01*	0.00	*0.00*	0	-	-	-	-
USA, Oklahoma	2	**0.0**	*0.01*	-	-	2	**0.0**	*0.01*	0.00	*0.00*
USA, Oregon	0	-	-	-	-	0	-	-	-	-
USA, Pennsylvania	0	-	-	-	-	0	-	-	-	-
USA, Pennsylvania: Black	0	-	-	-	-	0	-	-	-	-
USA, Pennsylvania: White	0	-	-	-	-	0	-	-	-	-
USA, Rhode Island	0	-	-	-	-	1	**0.0**	*0.03*	0.00	*0.00*
USA, SEER (9 Registries)	928	**0.9**	*0.03*	0.09	*0.00*	829	**0.6**	*0.03*	0.07	*0.00*
USA, SEER (9 Registries): Black	56	**0.8**	*0.11*	0.06	*0.01*	67	**0.7**	*0.09*	0.08	*0.01*
USA, SEER (9 Registries): White	806	**1.0**	*0.04*	0.10	*0.01*	714	**0.7**	*0.03*	0.07	*0.00*
USA, SEER (14 Registries)	2476	**0.9**	*0.02*	0.10	*0.00*	2105	**0.6**	*0.01*	0.06	*0.00*
USA, SEER (14 Registries): Asian and Pacific Islander	133	**0.7**	*0.06*	0.06	*0.01*	103	**0.4**	*0.04*	0.04	*0.01*
USA, SEER (14 Registries): Black	147	**0.8**	*0.07*	0.08	*0.01*	174	**0.6**	*0.05*	0.07	*0.01*
USA, SEER (14 Registries): Hispanic White	154	**0.7**	*0.06*	0.09	*0.01*	162	**0.6**	*0.05*	0.06	*0.01*
USA, SEER (14 Registries): Non-Hispanic White	2005	**1.0**	*0.02*	0.10	*0.00*	1630	**0.6**	*0.02*	0.06	*0.00*
USA, South Carolina	0	-	-	-	-	0	-	-	-	-
USA, South Carolina: Black	0	-	-	-	-	0	-	-	-	-
USA, South Carolina: White	0	-	-	-	-	0	-	-	-	-
USA, Texas	0	-	-	-	-	0	-	-	-	-
USA, Texas: Black	0	-	-	-	-	0	-	-	-	-
USA, Texas: White	0	-	-	-	-	0	-	-	-	-
USA, Utah	55	**0.8**	*0.11*	0.08	*0.02*	42	**0.6**	*0.10*	0.08	*0.02*
USA, Vermont	0	-	-	-	-	1	**0.0**	*0.02*	-	-
USA, Washington State	0	-	-	-	-	0	-	-	-	-
USA, Washington, Seattle	206	**1.4**	*0.10*	0.14	*0.02*	186	**1.0**	*0.09*	0.11	*0.01*
USA, West Virginia	0	-	-	-	-	0	-	-	-	-
USA, Wisconsin	0	-	-	-	-	0	-	-	-	-
Asia										
Bahrain: Bahraini	4	**0.7**	*0.35*	0.11	*0.07*	3	**0.5**	*0.28*	0.05	*0.05*
China, Guangzhou City	0	-	-	-	-	0	-	-	-	- *
China, Hong Kong	0	-	-	-	-	0	-	-	-	-
China, Jiashan	0	-	-	-	-	0	-	-	-	- *
China, Nangang District, Harbin City	0	-	-	-	-	0	-	-	-	-
China, Shanghai	0	-	-	-	-	0	-	-	-	- *
China, Zhongshan	0	-	-	-	-	0	-	-	-	- *
Cyprus	8	**0.4**	*0.14*	0.05	*0.02*	2	**0.1**	*0.04*	0.01	*0.01* *
India, Chennai (Madras)	0	-	-	-	-	0	-	-	-	-
India, New Delhi	0	-	-	-	-	0	-	-	-	- *
India, Karunagappally	0	-	-	-	-	0	-	-	-	-
India, Mumbai (Bombay)	0	-	-	-	-	0	-	-	-	-
India, Nagpur	0	-	-	-	-	0	-	-	-	- *
India, Poona	0	-	-	-	-	0	-	-	-	- *
India, Trivandrum	1	**0.0**	*0.04*	0.00	*0.00*	1	**0.0**	*0.03*	-	- *
Israel	281	**1.4**	*0.09*	0.14	*0.01*	224	**0.9**	*0.06*	0.08	*0.01*
Israel: Jews	248	**1.4**	*0.09*	0.13	*0.01*	189	**0.8**	*0.06*	0.08	*0.01*
Israel: Non-Jews	10	**0.7**	*0.23*	0.09	*0.04*	9	**0.4**	*0.15*	0.02	*0.01*
Japan, Aichi Prefecture	9	**0.2**	*0.08*	0.04	*0.01*	4	**0.1**	*0.05*	0.01	*0.01*
Japan, Fukui Prefecture	0	-	-	-	-	0	-	-	-	-
Japan, Hiroshima	32	**0.8**	*0.14*	0.10	*0.02*	16	**0.3**	*0.08*	0.03	*0.01*
Japan, Miyagi Prefecture	51	**0.4**	*0.06*	0.04	*0.01*	35	**0.2**	*0.03*	0.01	*0.00*
Japan, Nagasaki Prefecture	103	**1.3**	*0.15*	0.11	*0.02*	75	**0.6**	*0.09*	0.06	*0.01*
Japan, Osaka Prefecture	0	-	-	-	-	0	-	-	-	-
Japan, Yamagata Prefecture	4	**0.1**	*0.03*	0.01	*0.00*	1	**0.0**	*0.00*	-	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myelodysplastic syndromes (MDS) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	59	**0.1**	*0.01*	0.01	*0.00*	43	**0.0**	*0.01*	0.00	*0.00*
Korea, Busan	9	**0.1**	*0.03*	0.01	*0.00*	13	**0.1**	*0.03*	0.01	*0.00*
Korea, Daegu	0	**-**	-	-	-	0	**-**	-	-	-
Korea, Daejeon	0	**-**	-	-	-	0	**-**	-	-	-
Korea, Gwangju	0	**-**	-	-	-	0	**-**	-	-	-
Korea, Incheon	0	**-**	-	-	-	1	**0.0**	*0.01*	0.00	*0.00*
Korea, Jejudo	1	**0.1**	*0.14*	0.02	*0.02*	1	**0.1**	*0.09*	0.02	*0.02*
Korea, Seoul	1	**0.0**	*0.01*	0.00	*0.00*	0	**-**	-	-	-
Korea, Ulsan	0	**-**	-	-	-	0	**-**	-	-	-
Kuwait: Kuwaitis	2	**0.2**	*0.16*	0.03	*0.02*	3	**0.3**	*0.16*	0.04	*0.03*
Kuwait: Non-Kuwaitis	1	**0.0**	*0.01*	0.00	*0.00*	1	**0.1**	*0.13*	0.02	*0.02*
Malaysia, Penang	1	**0.1**	*0.07*	0.01	*0.01*	1	**0.1**	*0.05*	0.01	*0.01*
Malaysia, Sarawak	4	**0.1**	*0.05*	0.02	*0.01*	0	**-**	-	-	-
Oman: Omani	0	**-**	-	-	-	0	**-**	-	-	- *
Pakistan, South Karachi	0	**-**	-	-	-	0	**-**	-	-	- *
Philippines, Manila	2	**0.0**	*0.02*	0.01	*0.01*	1	**0.0**	*0.01*	-	- *
Singapore	38	**0.5**	*0.08*	0.04	*0.01*	30	**0.3**	*0.06*	0.03	*0.01*
Singapore: Chinese	35	**0.5**	*0.09*	0.05	*0.01*	27	**0.3**	*0.06*	0.03	*0.01*
Singapore: Indian	0	**-**	-	-	-	1	**0.2**	*0.21*	-	-
Singapore: Malay	3	**0.3**	*0.15*	0.01	*0.01*	2	**0.2**	*0.16*	0.02	*0.02*
Thailand, Chiang Mai	0	**-**	-	-	-	0	**-**	-	-	- *
Thailand, Lampang	0	**-**	-	-	-	0	**-**	-	-	- *
Thailand, Songkhla	0	**-**	-	-	-	0	**-**	-	-	-
Turkey, Antalya	5	**0.2**	*0.08*	0.03	*0.01*	8	**0.3**	*0.10*	0.02	*0.01* *
Turkey, Izmir	25	**0.3**	*0.06*	0.04	*0.01*	29	**0.4**	*0.07*	0.03	*0.01* *
Europe										
Austria	0	**-**	-	-	-	0	**-**	-	-	-
Austria, Tyrol	22	**0.8**	*0.18*	0.08	*0.02*	23	**0.6**	*0.14*	0.06	*0.02*
Austria, Vorarlberg	0	**-**	-	-	-	0	**-**	-	-	-
Belarus	0	**-**	-	-	-	0	**-**	-	-	- *
Belgium, Antwerp	23	**0.3**	*0.06*	0.02	*0.01*	26	**0.2**	*0.04*	0.02	*0.01* *
Belgium, Flanders	183	**0.8**	*0.06*	0.08	*0.01*	149	**0.4**	*0.03*	0.03	*0.01*
Bulgaria	1	**0.0**	*0.00*	0.00	*0.00*	0	**-**	-	-	- *
Croatia	0	**-**	-	-	-	0	**-**	-	-	-
Czech Republic	308	**0.8**	*0.05*	0.09	*0.01*	344	**0.6**	*0.04*	0.07	*0.01*
Denmark	0	**-**	-	-	-	0	**-**	-	-	-
Estonia	0	**-**	-	-	-	0	**-**	-	-	-
Finland	0	**-**	-	-	-	0	**-**	-	-	-
France, Bas-Rhin	50	**1.2**	*0.18*	0.10	*0.02*	38	**0.6**	*0.12*	0.06	*0.02*
France, Calvados	35	**1.2**	*0.22*	0.13	*0.03*	22	**0.5**	*0.14*	0.05	*0.02*
France, Doubs	57	**2.6**	*0.36*	0.27	*0.05*	47	**1.3**	*0.21*	0.12	*0.03*
France, Haut-Rhin	0	**-**	-	-	-	0	**-**	-	-	-
France, Herault	69	**1.4**	*0.18*	0.13	*0.02*	38	**0.5**	*0.10*	0.05	*0.01*
France, Isere	101	**2.4**	*0.25*	0.23	*0.03*	62	**0.9**	*0.12*	0.09	*0.02*
France, Loire-Atlantique	19	**0.4**	*0.10*	0.03	*0.01*	9	**0.2**	*0.06*	0.02	*0.01*
France, Manche	42	**1.6**	*0.26*	0.17	*0.04*	38	**0.7**	*0.14*	0.06	*0.02*
France, Somme	32	**1.2**	*0.23*	0.14	*0.04*	19	**0.6**	*0.15*	0.07	*0.02*
France, Tarn	69	**2.9**	*0.38*	0.26	*0.05*	45	**1.4**	*0.26*	0.13	*0.04*
France, Vendee	0	**-**	-	-	-	0	**-**	-	-	-
Germany, Brandenburg	80	**0.8**	*0.10*	0.09	*0.01*	69	**0.5**	*0.09*	0.05	*0.01*
Germany, Free State of Saxony	149	**0.7**	*0.07*	0.07	*0.01*	163	**0.5**	*0.05*	0.05	*0.01*
Germany, Hamburg	0	**-**	-	-	-	0	**-**	-	-	-
Germany, Mecklenburg-Western Pomerania	89	**1.3**	*0.14*	0.15	*0.02*	67	**0.6**	*0.09*	0.06	*0.01*
Germany, Munich	117	**1.2**	*0.12*	0.10	*0.01*	129	**0.6**	*0.06*	0.06	*0.01*
Germany, Northrhine-Westphalia: Munster	138	**1.3**	*0.11*	0.12	*0.01*	128	**0.7**	*0.08*	0.07	*0.01*
Germany, Saarland	0	**-**	-	-	-	0	**-**	-	-	-
Iceland	0	**-**	-	-	-	0	**-**	-	-	-
Ireland	250	**1.9**	*0.12*	0.17	*0.02*	184	**1.0**	*0.09*	0.11	*0.01*
Italy, Biella Province	25	**2.1**	*0.44*	0.19	*0.06*	16	**0.9**	*0.26*	0.10	*0.04*
Italy, Brescia Province	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Ferrara Province	15	**0.9**	*0.39*	0.07	*0.03*	13	**0.2**	*0.06*	-	-
Italy, Florence and Prato	174	**2.6**	*0.22*	0.27	*0.03*	144	**1.8**	*0.23*	0.17	*0.02*
Italy, Genoa Province	53	**1.4**	*0.21*	0.14	*0.03*	40	**0.6**	*0.12*	0.04	*0.01*
Italy, Macerata Province	0	**-**	-	-	-	4	**0.2**	*0.11*	0.03	*0.02*
Italy, Milan	66	**1.2**	*0.18*	0.11	*0.02*	42	**0.4**	*0.08*	0.04	*0.01*
Italy, Modena Province	1	**0.0**	*0.04*	0.01	*0.01*	0	**-**	-	-	-
Italy, Naples	13	**0.8**	*0.22*	0.08	*0.03*	10	**0.4**	*0.14*	0.05	*0.02*
Italy, North East Cancer Surveillance Network	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Parma Province	1	**0.1**	*0.06*	0.01	*0.01*	2	**0.0**	*0.02*	-	-
Italy, Ragusa Province	44	**3.0**	*0.49*	0.37	*0.07*	36	**2.1**	*0.39*	0.23	*0.05*
Italy, Reggio Emilia Province	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Romagna Region	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Salerno Province	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Sassari Province	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Syracuse Province	16	**1.0**	*0.28*	0.10	*0.04*	10	**0.6**	*0.22*	0.07	*0.03*
Italy, Sondrio	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Torino	71	**1.5**	*0.19*	0.19	*0.03*	57	**0.8**	*0.12*	0.09	*0.02*
Italy, Umbria Region	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Varese Province	0	**-**	-	-	-	0	**-**	-	-	-
Italy, Veneto Region	0	**-**	-	-	-	0	**-**	-	-	-

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Myelodysplastic syndromes (MDS) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	0	-	-	-	-	0	-	-	-	-
Lithuania	20	**0.2**	*0.04*	0.03	*0.01*	12	**0.1**	*0.02*	0.01	*0.00*
Malta	20	**1.2**	*0.28*	0.09	*0.03*	15	**0.8**	*0.24*	0.08	*0.03*
Norway	198	**0.9**	*0.07*	0.08	*0.01*	37	**0.2**	*0.03*	0.01	*0.00*
Poland, Cracow	12	**0.5**	*0.15*	0.05	*0.02*	10	**0.2**	*0.07*	0.03	*0.01**
Poland, Kielce	0	-	-	-	-	0	-	-	-	-
Poland, Warsaw City	34	**0.5**	*0.09*	0.06	*0.01*	30	**0.2**	*0.05*	0.03	*0.01*
Portugal, Porto	47	**0.4**	*0.07*	0.04	*0.01*	29	**0.2**	*0.04*	0.03	*0.01**
Portugal, South Regional	149	**1.3**	*0.11*	0.16	*0.02*	131	**0.8**	*0.09*	0.09	*0.01*
Russia, St Petersburg	0	-	-	-	-	0	-	-	-	-
Serbia	0	-	-	-	-	0	-	-	-	-
Slovak Republic	95	**0.6**	*0.06*	0.06	*0.01*	119	**0.5**	*0.05*	0.05	*0.01*
Slovenia	43	**0.6**	*0.09*	0.07	*0.01*	46	**0.4**	*0.06*	0.04	*0.01*
Spain, Albacete	27	**1.8**	*0.37*	0.24	*0.06*	22	**1.3**	*0.35*	0.10	*0.03*
Spain, Asturias	0	-	-	-	-	0	-	-	-	-
Spain, Basque Country	1	**0.0**	*0.01*	-	-	0	-	-	-	-
Spain, Canary Islands	0	-	-	-	-	0	-	-	-	-
Spain, Cuenca	0	-	-	-	-	0	-	-	-	-
Spain, Girona	69	**2.2**	*0.29*	0.25	*0.05*	52	**1.3**	*0.21*	0.13	*0.03*
Spain, Granada	0	-	-	-	-	0	-	-	-	-
Spain, Murcia	0	-	-	-	-	0	-	-	-	-
Spain, Navarra	0	-	-	-	-	0	-	-	-	-
Spain, Tarragona	13	**0.5**	*0.15*	0.05	*0.02*	10	**0.2**	*0.09*	0.01	*0.01*
Spain, Zaragoza	0	-	-	-	-	0	-	-	-	-
Sweden	433	**0.9**	*0.05*	0.09	*0.01*	379	**0.6**	*0.04*	0.06	*0.01*
Switzerland, Geneva	29	**1.6**	*0.31*	0.13	*0.04*	16	**0.7**	*0.26*	0.05	*0.02*
Switzerland, Graubunden and Glarus	0	-	-	-	-	0	-	-	-	-
Switzerland, Neuchatel	0	-	-	-	-	0	-	-	-	-
Switzerland, St Gall-Appenzell	43	**2.0**	*0.33*	0.25	*0.05*	43	**1.4**	*0.25*	0.18	*0.04*
Switzerland, Ticino	0	-	-	-	-	0	-	-	-	-
Switzerland, Valais	0	-	-	-	-	0	-	-	-	-
Switzerland, Vaud	0	-	-	-	-	0	-	-	-	-
The Netherlands	387	**0.6**	*0.03*	0.06	*0.00*	299	**0.4**	*0.03*	0.05	*0.00*
The Netherlands, Eindhoven	21	**0.5**	*0.12*	0.05	*0.02*	19	**0.4**	*0.10*	0.04	*0.01*
The Netherlands, Maastricht	21	**0.6**	*0.13*	0.08	*0.02*	14	**0.4**	*0.11*	0.04	*0.01*
UK, East of England Region	288	**1.9**	*0.12*	0.18	*0.02*	214	**1.0**	*0.08*	0.10	*0.01*
UK, England, Merseyside and Cheshire	183	**1.5**	*0.11*	0.10	*0.01*	161	**0.8**	*0.07*	0.06	*0.01*
UK, England, North Western	357	**1.8**	*0.10*	0.14	*0.01*	336	**1.1**	*0.07*	0.10	*0.01*
UK, England, Northern and Yorkshire	540	**1.7**	*0.08*	0.16	*0.01*	402	**0.8**	*0.05*	0.08	*0.01*
UK, England, Oxford Region	24	**0.2**	*0.05*	0.02	*0.01*	15	**0.1**	*0.03*	0.01	*0.00*
UK, England, South and Western Regions	1272	**3.2**	*0.10*	0.26	*0.01*	1131	**1.9**	*0.08*	0.17	*0.01*
UK, England, Thames	1298	**2.0**	*0.06*	0.19	*0.01*	987	**1.0**	*0.04*	0.10	*0.01*
UK, England, Trent	716	**2.9**	*0.11*	0.25	*0.02*	676	**2.0**	*0.09*	0.18	*0.01*
UK, England, West Midlands	479	**1.8**	*0.09*	0.15	*0.01*	360	**1.0**	*0.06*	0.09	*0.01*
UK, Northern Ireland	0	-	-	-	-	0	-	-	-	-
UK, Scotland	627	**2.6**	*0.11*	0.23	*0.01*	606	**1.6**	*0.08*	0.15	*0.01*
Oceania										
Australia, New South Wales	464	**1.7**	*0.08*	0.16	*0.01*	347	**0.9**	*0.05*	0.07	*0.01*
Australia, Northern Territory	0	-	-	-	-	0	-	-	-	-
Australia, Queensland	454	**3.2**	*0.16*	0.28	*0.02*	327	**1.8**	*0.11*	0.17	*0.02*
Australia, South	0	-	-	-	-	0	-	-	-	-
Australia, Tasmania	15	**0.8**	*0.21*	0.08	*0.03*	8	**0.2**	*0.08*	0.02	*0.02*
Australia, Victoria	623	**3.0**	*0.12*	0.24	*0.02*	432	**1.4**	*0.08*	0.12	*0.01*
Australia, Western	211	**3.0**	*0.21*	0.28	*0.03*	118	**1.2**	*0.13*	0.08	*0.02*
Australian Capital Territory	10	**1.3**	*0.43*	0.04	*0.03*	5	**0.5**	*0.25*	0.06	*0.03*
French Polynesia	0	-	-	-	-	0	-	-	-	-
New Zealand	0	-	-	-	-	0	-	-	-	-
USA, Hawaii	38	**0.7**	*0.13*	0.08	*0.02*	26	**0.4**	*0.08*	0.05	*0.01*
USA, Hawaii: Chinese	4	**0.6**	*0.33*	0.06	*0.06*	3	**0.4**	*0.23*	0.05	*0.05*
USA, Hawaii: Filipino	11	**1.3**	*0.45*	0.09	*0.05*	0	-	-	-	-
USA, Hawaii: Hawaiian	4	**1.0**	*0.51*	0.13	*0.08*	3	**0.6**	*0.35*	0.07	*0.04*
USA, Hawaii: Japanese	15	**1.0**	*0.31*	0.12	*0.04*	7	**0.3**	*0.14*	0.03	*0.02*
USA, Hawaii: White	3	**0.2**	*0.13*	0.03	*0.02*	11	**0.6**	*0.21*	0.10	*0.05*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other and unspecified (O&U)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	59	**2.7**	*0.37*	-	-	49	**2.1**	*0.31*	-	- *
Egypt, Gharbiah	440	**10.3**	*0.52*	-	-	369	**7.3**	*0.39*	-	-
Tunisia, Centre, Sousse	53	**5.7**	*0.80*	-	-	43	**4.3**	*0.66*	-	- *
Uganda, Kyadondo County	91	**7.0**	*0.97*	-	-	94	**8.0**	*0.98*	-	- *
Zimbabwe, Harare: African	102	**6.3**	*0.75*	-	-	92	**6.3**	*0.78*	-	- *
America, Central and South										
Argentina, Bahia Blanca	111	**12.6**	*1.27*	1.35	*0.17*	81	**6.2**	*0.82*	0.63	*0.10*
Brazil, Brasilia	359	**16.7**	*0.97*	1.84	*0.14*	451	**16.5**	*0.83*	1.74	*0.12*
Brazil, Cuiaba	97	**15.3**	*1.63*	1.74	*0.25*	116	**14.8**	*1.45*	1.47	*0.19*
Brazil, Goiania	143	**10.4**	*0.90*	1.20	*0.13*	143	**8.0**	*0.68*	0.87	*0.10*
Brazil, Sao Paulo	3823	**18.7**	*0.32*	2.18	*0.05*	4007	**13.9**	*0.23*	1.48	*0.03*
Chile, Valdivia	128	**13.9**	*1.26*	1.56	*0.18*	133	**12.3**	*1.10*	1.34	*0.16*
Colombia, Cali	472	**13.9**	*0.66*	1.72	*0.10*	608	**13.4**	*0.56*	1.53	*0.08*
Costa Rica	781	**10.1**	*0.37*	1.05	*0.05*	684	**8.2**	*0.32*	0.85	*0.05*
Ecuador, Quito	142	**5.0**	*0.43*	0.53	*0.06*	211	**6.3**	*0.45*	0.68	*0.06*
France, La Martinique	61	**5.2**	*0.68*	0.62	*0.10*	74	**4.4**	*0.55*	0.46	*0.08*
Peru, Trujillo	38	**4.2**	*0.70*	0.54	*0.11*	60	**5.4**	*0.73*	0.65	*0.11**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	9061	**10.4**	*0.11*	1.14	*0.02*	9366	**8.1**	*0.10*	0.86	*0.01*
Canada, Alberta	825	**8.8**	*0.31*	0.95	*0.04*	1071	**9.0**	*0.30*	0.96	*0.04*
Canada, British Columbia	1385	**8.6**	*0.24*	0.94	*0.03*	1669	**8.1**	*0.23*	0.86	*0.03*
Canada, Manitoba	421	**9.4**	*0.49*	1.05	*0.07*	509	**8.0**	*0.42*	0.86	*0.06*
Canada, New Brunswick	181	**6.0**	*0.48*	0.61	*0.07*	194	**4.6**	*0.38*	0.52	*0.06*
Canada, Newfoundland and Labrador	181	**10.2**	*0.77*	1.38	*0.12*	172	**8.2**	*0.66*	1.07	*0.10*
Canada, Northwest Territories	3	**3.9**	*2.35*	0.42	*0.33*	0	**-**	-	-	-
Canada, Nova Scotia	473	**13.0**	*0.63*	1.45	*0.09*	487	**9.8**	*0.52*	1.09	*0.07*
Canada, Ontario	5167	**11.9**	*0.17*	1.29	*0.02*	4719	**8.0**	*0.13*	0.82	*0.02*
Canada, Prince Edward Island	42	**7.6**	*1.22*	0.94	*0.20*	48	**6.6**	*1.08*	0.83	*0.18*
Canada, Saskatchewan	383	**8.3**	*0.47*	0.82	*0.07*	497	**9.1**	*0.49*	1.02	*0.07*
USA, Alabama	1428	**9.2**	*0.25*	1.04	*0.04*	1438	**6.6**	*0.20*	0.75	*0.03*
USA, Alabama: Black	295	**10.6**	*0.64*	1.22	*0.09*	328	**7.4**	*0.45*	0.82	*0.06*
USA, Alabama: White	1121	**8.8**	*0.28*	1.00	*0.04*	1086	**6.3**	*0.22*	0.72	*0.03*
USA, Alaska	95	**6.2**	*0.66*	0.67	*0.10*	85	**5.7**	*0.64*	0.66	*0.10*
USA, Arizona	1783	**9.4**	*0.24*	1.05	*0.03*	1830	**7.6**	*0.20*	0.85	*0.03*
USA, California	8785	**8.2**	*0.09*	0.92	*0.01*	10405	**7.3**	*0.08*	0.83	*0.01*
USA, California: Asian and Pacific Islander	641	**5.4**	*0.22*	0.59	*0.03*	728	**4.9**	*0.19*	0.56	*0.03*
USA, California: Black	602	**10.6**	*0.44*	1.26	*0.07*	689	**8.9**	*0.36*	1.02	*0.05*
USA, California: Hispanic White	1155	**7.3**	*0.22*	0.82	*0.03*	1409	**7.0**	*0.19*	0.79	*0.03*
USA, California: Non-Hispanic White	6299	**8.6**	*0.12*	0.97	*0.02*	7459	**7.7**	*0.11*	0.87	*0.02*
USA, California, Greater San Francisco Bay Area	1688	**7.8**	*0.20*	0.86	*0.03*	2135	**7.3**	*0.18*	0.81	*0.03*
USA, California, Greater San Francisco Bay Area: Black	157	**12.0**	*0.98*	1.46	*0.15*	183	**10.0**	*0.80*	1.10	*0.11*
USA, California, Greater San Francisco Bay Area: Chinese	93	**5.3**	*0.58*	0.54	*0.08*	115	**5.2**	*0.52*	0.61	*0.08*
USA, California, Greater San Francisco Bay Area: Filipino	47	**5.1**	*0.77*	0.55	*0.10*	63	**5.0**	*0.66*	0.64	*0.10*
USA, California, Greater San Francisco Bay Area: Japanese	15	**3.3**	*0.94*	0.39	*0.16*	23	**3.8**	*0.86*	0.50	*0.13*
USA, California, Greater San Francisco Bay Area: Hispanic White	143	**7.0**	*0.60*	0.80	*0.09*	195	**6.9**	*0.52*	0.80	*0.08*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	1149	**8.3**	*0.27*	0.90	*0.04*	1464	**7.6**	*0.24*	0.83	*0.03*
USA, California, Los Angeles County	2216	**8.0**	*0.18*	0.91	*0.03*	2556	**6.8**	*0.15*	0.75	*0.02*
USA, California, Los Angeles County: Black	282	**11.1**	*0.67*	1.27	*0.10*	287	**7.8**	*0.49*	0.92	*0.07*
USA, California, Los Angeles County: Chinese	48	**3.8**	*0.57*	0.44	*0.09*	59	**4.0**	*0.58*	0.34	*0.07*
USA, California, Los Angeles County: Filipino	57	**6.8**	*0.94*	0.76	*0.14*	59	**4.8**	*0.65*	0.53	*0.10*
USA, California, Los Angeles County: Japanese	52	**8.8**	*1.35*	0.95	*0.18*	36	**4.6**	*0.87*	0.47	*0.11*
USA, California, Los Angeles County: Korean	24	**4.6**	*0.96*	0.62	*0.16*	28	**4.1**	*0.79*	0.53	*0.12*
USA, California, Los Angeles County: Hispanic White	442	**7.1**	*0.35*	0.76	*0.05*	527	**6.3**	*0.29*	0.69	*0.04*
USA, California, Los Angeles County: Non-Hispanic White	1265	**8.7**	*0.27*	0.99	*0.04*	1504	**7.5**	*0.24*	0.84	*0.03*
USA, Colorado	1054	**7.9**	*0.25*	0.86	*0.04*	1213	**7.0**	*0.22*	0.77	*0.03*
USA, Connecticut	953	**7.4**	*0.26*	0.80	*0.04*	1237	**6.6**	*0.22*	0.73	*0.03*
USA, Connecticut: Black	70	**10.0**	*1.22*	1.03	*0.16*	70	**6.7**	*0.82*	0.72	*0.12*
USA, Connecticut: White	874	**7.2**	*0.27*	0.79	*0.04*	1156	**6.6**	*0.23*	0.72	*0.03*
USA, District of Columbia	191	**10.8**	*0.82*	1.31	*0.12*	239	**8.3**	*0.61*	0.92	*0.09*
USA, District of Columbia: Black	134	**12.1**	*1.10*	1.47	*0.16*	173	**8.7**	*0.75*	0.96	*0.11*
USA, District of Columbia: White	47	**7.4**	*1.13*	0.86	*0.17*	62	**7.5**	*1.11*	0.80	*0.16*
USA, Florida	6799	**9.4**	*0.13*	1.05	*0.02*	6816	**7.0**	*0.10*	0.76	*0.01*
USA, Florida: Black	604	**11.4**	*0.47*	1.33	*0.07*	603	**8.0**	*0.34*	0.88	*0.05*
USA, Florida: White	6118	**9.2**	*0.13*	1.02	*0.02*	6125	**6.8**	*0.11*	0.75	*0.01*
USA, Georgia	2026	**8.9**	*0.20*	1.03	*0.03*	2253	**6.9**	*0.16*	0.75	*0.02*
USA, Georgia: Black	484	**10.9**	*0.51*	1.23	*0.07*	573	**7.9**	*0.36*	0.91	*0.05*
USA, Georgia: White	1526	**8.5**	*0.22*	1.00	*0.03*	1654	**6.6**	*0.18*	0.70	*0.03*
USA, Georgia, Atlanta	531	**8.0**	*0.36*	0.91	*0.05*	613	**6.5**	*0.28*	0.73	*0.04*
USA, Georgia, Atlanta: Black	154	**9.3**	*0.80*	1.04	*0.12*	208	**8.0**	*0.59*	0.93	*0.09*
USA, Georgia, Atlanta: White	367	**7.6**	*0.41*	0.88	*0.06*	390	**5.9**	*0.33*	0.66	*0.05*
USA, Idaho	397	**8.6**	*0.46*	0.91	*0.07*	408	**7.3**	*0.41*	0.83	*0.06*
USA, Illinois	3642	**8.8**	*0.15*	1.01	*0.02*	4446	**7.4**	*0.13*	0.81	*0.02*
USA, Illinois: Black	562	**13.2**	*0.57*	1.63	*0.08*	634	**9.5**	*0.40*	1.06	*0.06*
USA, Illinois: White	2995	**8.3**	*0.16*	0.93	*0.02*	3723	**7.1**	*0.14*	0.78	*0.02*
USA, Indiana	1672	**8.0**	*0.20*	0.94	*0.03*	1967	**6.9**	*0.17*	0.79	*0.03*
USA, Iowa	751	**6.4**	*0.25*	0.69	*0.04*	993	**6.1**	*0.23*	0.68	*0.03*
USA, Kentucky	1479	**10.7**	*0.29*	1.21	*0.04*	1512	**7.7**	*0.22*	0.87	*0.03*
USA, Louisiana	1298	**9.3**	*0.27*	1.04	*0.04*	1321	**6.6**	*0.20*	0.72	*0.03*
USA, Louisiana: Black	401	**12.1**	*0.62*	1.35	*0.09*	400	**8.0**	*0.43*	0.87	*0.06*
USA, Louisiana: White	890	**8.4**	*0.30*	0.96	*0.04*	908	**6.1**	*0.23*	0.67	*0.03*
USA, Louisiana, New Orleans: Black	133	**13.8**	*1.23*	1.52	*0.17*	134	**9.3**	*0.85*	1.04	*0.12*
USA, Louisiana, New Orleans: White	205	**9.7**	*0.73*	1.07	*0.10*	216	**6.7**	*0.53*	0.77	*0.08*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other and unspecified (O&U) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	490	**9.4**	*0.45*	1.07	*0.07*	541	**7.4**	*0.37*	0.79	*0.05*
USA, Massachusetts	2039	**8.7**	*0.21*	0.93	*0.03*	2615	**7.5**	*0.18*	0.82	*0.02*
USA, Michigan	2938	**8.7**	*0.17*	0.98	*0.02*	3425	**7.4**	*0.14*	0.86	*0.02*
USA, Michigan: Black	390	**11.6**	*0.61*	1.39	*0.09*	421	**8.7**	*0.45*	1.02	*0.07*
USA, Michigan: White	2495	**8.3**	*0.18*	0.92	*0.02*	2952	**7.2**	*0.15*	0.83	*0.02*
USA, Michigan, Detroit	992	**7.5**	*0.25*	0.84	*0.04*	1204	**6.3**	*0.21*	0.71	*0.03*
USA, Michigan, Detroit: Black	251	**10.1**	*0.66*	1.18	*0.09*	283	**7.6**	*0.49*	0.92	*0.07*
USA, Michigan, Detroit: White	718	**6.8**	*0.27*	0.75	*0.04*	901	**5.9**	*0.23*	0.65	*0.03*
USA, Missouri	1866	**9.0**	*0.22*	0.98	*0.03*	2197	**7.3**	*0.18*	0.79	*0.03*
USA, Missouri: Black	199	**13.6**	*0.99*	1.62	*0.15*	226	**9.9**	*0.71*	1.13	*0.10*
USA, Missouri: White	1655	**8.6**	*0.23*	0.93	*0.03*	1954	**7.0**	*0.19*	0.76	*0.03*
USA, Montana	285	**7.6**	*0.48*	0.85	*0.07*	320	**6.4**	*0.42*	0.69	*0.06*
USA, NPCR	67689	**8.7**	*0.04*	0.98	*0.01*	76745	**7.1**	*0.03*	0.79	*0.00*
USA, NPCR: Black	6912	**11.2**	*0.14*	1.32	*0.02*	7787	**8.2**	*0.10*	0.92	*0.01*
USA, NPCR: White	58753	**8.5**	*0.04*	0.95	*0.01*	66703	**7.0**	*0.03*	0.77	*0.00*
USA, New Jersey	2483	**8.3**	*0.18*	0.93	*0.02*	3062	**6.8**	*0.14*	0.74	*0.02*
USA, New Jersey: Black	310	**11.0**	*0.63*	1.28	*0.09*	380	**8.9**	*0.48*	0.99	*0.07*
USA, New Jersey: White	2113	**8.1**	*0.19*	0.90	*0.03*	2620	**6.7**	*0.16*	0.71	*0.02*
USA, New Mexico	519	**8.3**	*0.38*	0.95	*0.05*	550	**6.8**	*0.32*	0.71	*0.04*
USA, New Mexico: American Indian	21	**5.6**	*1.26*	0.45	*0.16*	38	**7.8**	*1.32*	0.76	*0.19*
USA, New Mexico: Hispanic White	157	**8.1**	*0.66*	0.88	*0.10*	160	**6.4**	*0.54*	0.67	*0.08*
USA, New Mexico: Non-Hispanic White	331	**8.8**	*0.51*	1.03	*0.07*	342	**7.2**	*0.50*	0.74	*0.06*
USA, New York State	4701	**7.1**	*0.11*	0.79	*0.02*	6121	**6.2**	*0.09*	0.67	*0.01*
USA, New York State: Black	576	**8.6**	*0.36*	1.01	*0.05*	770	**6.8**	*0.26*	0.76	*0.04*
USA, New York State: White	3984	**7.0**	*0.12*	0.77	*0.02*	5209	**6.2**	*0.10*	0.67	*0.01*
USA, Ohio	3928	**9.6**	*0.16*	1.08	*0.02*	4545	**7.9**	*0.13*	0.89	*0.02*
USA, Ohio: Black	378	**11.5**	*0.61*	1.31	*0.08*	460	**9.4**	*0.47*	1.05	*0.07*
USA, Ohio: White	3462	**9.3**	*0.17*	1.04	*0.02*	4002	**7.6**	*0.14*	0.86	*0.02*
USA, Oklahoma	972	**8.0**	*0.27*	0.93	*0.04*	1017	**6.1**	*0.22*	0.67	*0.03*
USA, Oregon	1049	**8.0**	*0.27*	0.90	*0.04*	1284	**7.4**	*0.24*	0.82	*0.04*
USA, Pennsylvania	4342	**8.7**	*0.14*	0.98	*0.02*	5550	**7.6**	*0.12*	0.84	*0.02*
USA, Pennsylvania: Black	394	**12.8**	*0.66*	1.62	*0.10*	496	**10.1**	*0.49*	1.10	*0.07*
USA, Pennsylvania: White	3864	**8.3**	*0.15*	0.92	*0.02*	4958	**7.3**	*0.13*	0.81	*0.02*
USA, Rhode Island	349	**8.8**	*0.52*	0.91	*0.07*	421	**6.8**	*0.41*	0.75	*0.06*
USA, SEER (9 Registries)	6253	**7.0**	*0.09*	0.79	*0.01*	7716	**6.3**	*0.08*	0.70	*0.01*
USA, SEER (9 Registries): Black	668	**10.1**	*0.40*	1.16	*0.06*	790	**8.0**	*0.30*	0.93	*0.05*
USA, SEER (9 Registries): White	5102	**6.8**	*0.10*	0.76	*0.01*	6376	**6.2**	*0.09*	0.69	*0.01*
USA, SEER (14 Registries)	19199	**7.9**	*0.06*	0.89	*0.01*	22584	**6.8**	*0.05*	0.76	*0.01*
USA, SEER (14 Registries): Asian and Pacific Islander	957	**5.3**	*0.18*	0.59	*0.03*	1056	**4.6**	*0.15*	0.52	*0.02*
USA, SEER (14 Registries): Black	1930	**10.6**	*0.25*	1.23	*0.04*	2209	**8.3**	*0.19*	0.95	*0.03*
USA, SEER (14 Registries): Hispanic White	1550	**7.2**	*0.19*	0.81	*0.03*	1881	**6.9**	*0.17*	0.78	*0.02*
USA, SEER (14 Registries): Non-Hispanic White	14585	**8.0**	*0.07*	0.90	*0.01*	17206	**6.8**	*0.06*	0.76	*0.01*
USA, South Carolina	1276	**9.6**	*0.28*	1.08	*0.04*	1228	**6.4**	*0.20*	0.69	*0.03*
USA, South Carolina: Black	328	**11.8**	*0.67*	1.39	*0.10*	315	**6.8**	*0.42*	0.71	*0.06*
USA, South Carolina: White	935	**8.9**	*0.30*	0.98	*0.04*	902	**6.2**	*0.23*	0.68	*0.03*
USA, Texas	5675	**9.4**	*0.13*	1.06	*0.02*	5785	**7.0**	*0.10*	0.76	*0.01*
USA, Texas: Black	640	**12.5**	*0.51*	1.53	*0.08*	677	**8.7**	*0.36*	0.95	*0.05*
USA, Texas: White	4918	**9.1**	*0.13*	1.02	*0.02*	4981	**6.8**	*0.11*	0.73	*0.02*
USA, Utah	310	**5.3**	*0.32*	0.60	*0.05*	392	**5.2**	*0.29*	0.55	*0.04*
USA, Vermont	184	**8.2**	*0.65*	0.82	*0.08*	212	**6.8**	*0.53*	0.72	*0.07*
USA, Washington State	1260	**6.1**	*0.18*	0.69	*0.03*	1510	**5.8**	*0.17*	0.66	*0.03*
USA, Washington, Seattle	762	**5.5**	*0.21*	0.60	*0.03*	995	**5.6**	*0.20*	0.65	*0.03*
USA, West Virginia	656	**8.9**	*0.37*	1.00	*0.05*	725	**6.7**	*0.29*	0.71	*0.04*
USA, Wisconsin	2376	**11.3**	*0.25*	1.18	*0.04*	2076	**7.5**	*0.19*	0.85	*0.03*
Asia										
Bahrain: Bahraini	45	**7.4**	*1.15*	0.94	*0.18*	24	**4.2**	*0.87*	0.41	*0.11*
China, Guangzhou City	459	**8.4**	*0.40*	0.94	*0.05*	372	**6.0**	*0.32*	0.70	*0.04**
China, Hong Kong	2433	**10.9**	*0.23*	1.20	*0.03*	1989	**7.3**	*0.18*	0.76	*0.02*
China, Jiashan	21	**1.6**	*0.36*	0.19	*0.05*	17	**1.3**	*0.32*	0.13	*0.04**
China, Nangang District, Harbin City	58	**2.5**	*0.34*	0.29	*0.04*	35	**1.4**	*0.24*	0.17	*0.03*
China, Shanghai	1436	**6.0**	*0.17*	0.63	*0.02*	1476	**5.1**	*0.15*	0.54	*0.02**
China, Zhongshan	38	**1.2**	*0.20*	0.17	*0.03*	37	**1.1**	*0.19*	0.13	*0.03**
Cyprus	100	**4.2**	*0.44*	0.50	*0.06*	86	**2.9**	*0.34*	0.32	*0.05**
India, Chennai (Madras)	622	**6.8**	*0.28*	0.84	*0.04*	330	**3.6**	*0.20*	0.43	*0.03*
India, New Delhi	1808	**8.7**	*0.22*	1.03	*0.03*	1100	**6.1**	*0.19*	0.71	*0.03**
India, Karunagappally	115	**13.8**	*1.30*	1.74	*0.19*	73	**8.0**	*0.95*	0.96	*0.14*
India, Mumbai (Bombay)	1207	**5.7**	*0.17*	0.69	*0.03*	802	**3.9**	*0.14*	0.46	*0.02*
India, Nagpur	456	**11.6**	*0.57*	1.36	*0.08*	280	**7.1**	*0.44*	0.75	*0.05**
India, Poona	334	**5.4**	*0.30*	0.62	*0.04*	268	**4.3**	*0.27*	0.50	*0.04**
India, Trivandrum	251	**9.4**	*0.60*	1.23	*0.09*	171	**5.7**	*0.44*	0.70	*0.06**
Israel	1672	**9.6**	*0.25*	1.10	*0.04*	1982	**8.4**	*0.21*	0.88	*0.03*
Israel: Jews	1516	**9.5**	*0.26*	1.10	*0.04*	1814	**8.4**	*0.22*	0.88	*0.03*
Israel: Non-Jews	109	**7.1**	*0.71*	0.87	*0.12*	101	**6.1**	*0.63*	0.72	*0.09*
Japan, Aichi Prefecture	221	**5.8**	*0.40*	0.63	*0.05*	210	**4.3**	*0.33*	0.42	*0.04*
Japan, Fukui Prefecture	86	**2.0**	*0.25*	0.20	*0.03*	101	**1.7**	*0.23*	0.15	*0.02*
Japan, Hiroshima	127	**3.1**	*0.29*	0.32	*0.04*	114	**2.3**	*0.26*	0.24	*0.03*
Japan, Miyagi Prefecture	361	**3.4**	*0.19*	0.33	*0.02*	345	**2.3**	*0.16*	0.21	*0.02*
Japan, Nagasaki Prefecture	236	**3.2**	*0.24*	0.32	*0.03*	216	**1.9**	*0.18*	0.17	*0.02*
Japan, Osaka Prefecture	1205	**3.2**	*0.10*	0.32	*0.01*	1242	**2.3**	*0.07*	0.22	*0.01*
Japan, Yamagata Prefecture	175	**2.7**	*0.24*	0.25	*0.03*	184	**2.1**	*0.23*	0.19	*0.02*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other and unspecified (O&U) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	5170	**6.2**	*0.09*	0.72	*0.01*	4260	**3.7**	*0.06*	0.40	*0.01*
Korea, Busan	456	**6.2**	*0.32*	0.74	*0.05*	440	**4.1**	*0.20*	0.46	*0.03*
Korea, Daegu	357	**7.3**	*0.40*	0.84	*0.06*	302	**4.6**	*0.27*	0.51	*0.04*
Korea, Daejeon	147	**5.8**	*0.50*	0.67	*0.07*	132	**3.8**	*0.34*	0.42	*0.05*
Korea, Gwangju	180	**7.5**	*0.59*	0.85	*0.08*	149	**4.1**	*0.35*	0.49	*0.05*
Korea, Incheon	234	**4.9**	*0.34*	0.56	*0.05*	222	**3.5**	*0.24*	0.37	*0.03*
Korea, Jejudo	41	**5.8**	*0.95*	0.69	*0.14*	35	**2.9**	*0.51*	0.27	*0.06*
Korea, Seoul	1298	**6.7**	*0.20*	0.74	*0.03*	1211	**4.7**	*0.14*	0.51	*0.02*
Korea, Ulsan	60	**5.4**	*0.82*	0.56	*0.10*	55	**3.0**	*0.42*	0.35	*0.07*
Kuwait: Kuwaitis	67	**5.8**	*0.79*	0.54	*0.11*	54	**4.7**	*0.68*	0.44	*0.09*
Kuwait: Non-Kuwaitis	76	**6.9**	*1.33*	0.49	*0.12*	45	**8.4**	*1.56*	0.82	*0.20*
Malaysia, Penang	300	**15.4**	*0.92*	1.80	*0.13*	242	**10.6**	*0.69*	1.11	*0.09*
Malaysia, Sarawak	284	**8.0**	*0.49*	0.96	*0.07*	238	**6.1**	*0.41*	0.65	*0.05*
Oman: Omani	106	**6.1**	*0.61*	0.78	*0.09*	97	**5.8**	*0.61*	0.77	*0.10**
Pakistan, South Karachi	480	**18.5**	*0.90*	2.35	*0.14*	268	**13.2**	*0.87*	1.50	*0.12**
Philippines, Manila	741	**10.7**	*0.43*	1.22	*0.06*	751	**8.9**	*0.34*	1.07	*0.05**
Singapore	431	**5.5**	*0.27*	0.60	*0.04*	402	**4.2**	*0.21*	0.42	*0.03*
Singapore: Chinese	360	**5.9**	*0.31*	0.66	*0.05*	345	**4.2**	*0.23*	0.40	*0.03*
Singapore: Indian	28	**4.0**	*0.79*	0.42	*0.10*	17	**3.6**	*0.90*	0.42	*0.13*
Singapore: Malay	43	**4.6**	*0.73*	0.50	*0.10*	40	**4.4**	*0.70*	0.56	*0.10*
Thailand, Chiang Mai	856	**21.4**	*0.75*	2.47	*0.10*	716	**17.3**	*0.66*	2.08	*0.09**
Thailand, Lampang	301	**13.8**	*0.81*	1.62	*0.11*	214	**9.0**	*0.63*	1.05	*0.08**
Thailand, Songkhla	152	**5.6**	*0.46*	0.68	*0.07*	105	**3.3**	*0.33*	0.37	*0.04*
Turkey, Antalya	156	**5.3**	*0.43*	0.66	*0.06*	83	**2.8**	*0.32*	0.34	*0.04**
Turkey, Izmir	588	**7.5**	*0.32*	0.96	*0.05*	413	**4.9**	*0.24*	0.57	*0.03**
Europe										
Austria	1342	**4.4**	*0.13*	0.46	*0.02*	1754	**3.2**	*0.10*	0.28	*0.01*
Austria, Tyrol	104	**4.1**	*0.41*	0.40	*0.06*	164	**3.7**	*0.35*	0.27	*0.04*
Austria, Vorarlberg	56	**4.8**	*0.65*	0.55	*0.09*	63	**3.9**	*0.58*	0.35	*0.07*
Belarus	2094	**7.2**	*0.16*	0.91	*0.02*	1396	**3.0**	*0.09*	0.36	*0.01**
Belgium, Antwerp	448	**6.3**	*0.31*	0.76	*0.04*	424	**4.5**	*0.25*	0.53	*0.03**
Belgium, Flanders	2478	**12.2**	*0.26*	1.43	*0.04*	2369	**10.0**	*0.24*	1.06	*0.03*
Bulgaria	3567	**11.2**	*0.20*	1.36	*0.03*	2480	**6.0**	*0.13*	0.71	*0.02**
Croatia	1786	**10.9**	*0.26*	1.23	*0.03*	1578	**6.3**	*0.18*	0.62	*0.02*
Czech Republic	3481	**9.6**	*0.17*	1.08	*0.02*	3820	**6.8**	*0.12*	0.71	*0.02*
Denmark	2843	**12.2**	*0.24*	1.36	*0.04*	3164	**10.1**	*0.21*	1.14	*0.03*
Estonia	372	**8.5**	*0.45*	0.95	*0.06*	322	**4.3**	*0.29*	0.49	*0.03*
Finland	1259	**6.0**	*0.17*	0.60	*0.02*	1915	**5.5**	*0.15*	0.56	*0.02*
France, Bas-Rhin	390	**10.9**	*0.57*	1.19	*0.08*	324	**5.8**	*0.38*	0.58	*0.05*
France, Calvados	208	**8.9**	*0.64*	1.00	*0.08*	119	**3.5**	*0.37*	0.38	*0.05*
France, Doubs	124	**6.7**	*0.61*	0.81	*0.09*	105	**3.8**	*0.43*	0.43	*0.06*
France, Haut-Rhin	161	**6.1**	*0.49*	0.71	*0.07*	127	**3.5**	*0.36*	0.38	*0.05*
France, Herault	327	**8.4**	*0.50*	0.94	*0.07*	208	**4.0**	*0.33*	0.39	*0.04*
France, Isere	354	**8.4**	*0.46*	0.90	*0.06*	282	**4.6**	*0.32*	0.46	*0.04*
France, Loire-Atlantique	641	**15.8**	*0.65*	1.95	*0.09*	424	**7.6**	*0.41*	0.91	*0.06*
France, Manche	182	**8.7**	*0.69*	1.01	*0.09*	147	**4.9**	*0.48*	0.55	*0.06*
France, Somme	264	**13.1**	*0.84*	1.48	*0.11*	194	**6.7**	*0.57*	0.76	*0.07*
France, Tarn	171	**9.1**	*0.77*	1.06	*0.11*	181	**6.5**	*0.61*	0.66	*0.08*
France, Vendee	283	**12.0**	*0.77*	1.47	*0.10*	187	**6.6**	*0.56*	0.76	*0.07*
Germany, Brandenburg	800	**8.0**	*0.29*	0.89	*0.04*	850	**4.9**	*0.20*	0.49	*0.03*
Germany, Free State of Saxony	1601	**8.3**	*0.22*	0.89	*0.03*	1988	**5.6**	*0.15*	0.56	*0.02*
Germany, Hamburg	451	**6.3**	*0.31*	0.70	*0.04*	544	**4.3**	*0.23*	0.44	*0.03*
Germany, Mecklenburg-Western Pomerania	608	**9.2**	*0.38*	1.03	*0.05*	692	**6.3**	*0.28*	0.63	*0.03*
Germany, Munich	1037	**10.7**	*0.34*	1.18	*0.05*	1092	**7.3**	*0.27*	0.73	*0.03*
Germany, Northrhine-Westphalia: Munster	835	**7.9**	*0.28*	0.85	*0.04*	1070	**5.9**	*0.22*	0.55	*0.03*
Germany, Saarland	453	**9.4**	*0.46*	1.02	*0.06*	476	**6.0**	*0.32*	0.62	*0.04*
Iceland	53	**5.2**	*0.75*	0.67	*0.12*	84	**7.3**	*0.89*	0.82	*0.13*
Ireland	1824	**14.2**	*0.34*	1.58	*0.05*	1990	**11.6**	*0.29*	1.24	*0.04*
Italy, Biella Province	88	**8.3**	*0.94*	0.87	*0.13*	92	**4.4**	*0.56*	0.44	*0.08*
Italy, Brescia Province	53	**2.3**	*0.34*	0.28	*0.04*	76	**2.1**	*0.31*	0.17	*0.03*
Italy, Ferrara Province	142	**7.0**	*0.77*	0.65	*0.08*	191	**6.3**	*0.65*	0.65	*0.07*
Italy, Florence and Prato	417	**5.9**	*0.32*	0.59	*0.04*	463	**4.3**	*0.28*	0.39	*0.03*
Italy, Genoa Province	274	**8.3**	*0.63*	0.82	*0.07*	307	**5.8**	*0.43*	0.55	*0.05*
Italy, Macerata Province	70	**6.9**	*0.92*	0.73	*0.12*	75	**5.2**	*0.76*	0.53	*0.09*
Italy, Milan	386	**7.1**	*0.39*	0.68	*0.05*	505	**4.5**	*0.24*	0.37	*0.03*
Italy, Modena Province	247	**6.8**	*0.46*	0.70	*0.06*	264	**4.8**	*0.40*	0.43	*0.05*
Italy, Naples	165	**10.6**	*0.83*	1.22	*0.12*	141	**6.8**	*0.60*	0.65	*0.08*
Italy, North East Cancer Surveillance Network	1075	**10.3**	*0.33*	1.13	*0.05*	1047	**6.2**	*0.24*	0.61	*0.03*
Italy, Parma Province	143	**5.7**	*0.55*	0.57	*0.07*	161	**3.7**	*0.39*	0.32	*0.05*
Italy, Ragusa Province	100	**7.6**	*0.81*	0.94	*0.12*	83	**4.8**	*0.60*	0.48	*0.08*
Italy, Reggio Emilia Province	123	**4.6**	*0.44*	0.54	*0.07*	133	**3.0**	*0.34*	0.26	*0.04*
Italy, Romagna Region	348	**5.8**	*0.35*	0.63	*0.05*	375	**4.1**	*0.29*	0.40	*0.04*
Italy, Salerno Province	229	**6.6**	*0.46*	0.74	*0.06*	230	**5.0**	*0.38*	0.54	*0.05*
Italy, Sassari Province	167	**8.2**	*0.69*	0.85	*0.09*	165	**5.6**	*0.50*	0.56	*0.07*
Italy, Syracuse Province	75	**5.3**	*0.65*	0.62	*0.09*	50	**3.0**	*0.54*	0.28	*0.06*
Italy, Sondrio	61	**8.7**	*1.19*	0.89	*0.14*	68	**4.6**	*0.68*	0.36	*0.08*
Italy, Torino	315	**5.9**	*0.35*	0.54	*0.05*	367	**4.5**	*0.29*	0.43	*0.04*
Italy, Umbria Region	181	**4.0**	*0.34*	0.39	*0.04*	157	**2.0**	*0.20*	0.19	*0.03*
Italy, Varese Province	156	**7.1**	*0.58*	0.81	*0.08*	167	**4.8**	*0.50*	0.50	*0.06*
Italy, Veneto Region	630	**8.3**	*0.36*	0.86	*0.05*	656	**4.7**	*0.23*	0.42	*0.03*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

Other and unspecified (O&U) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	566	**7.5**	*0.32*	0.91	*0.04*	462	**3.6**	*0.20*	0.40	*0.02*
Lithuania	893	**8.3**	*0.28*	0.99	*0.04*	767	**4.3**	*0.18*	0.49	*0.02*
Malta	169	**12.3**	*0.97*	1.59	*0.15*	169	**9.5**	*0.81*	0.97	*0.10*
Norway	1568	**7.7**	*0.21*	0.81	*0.03*	2025	**6.9**	*0.19*	0.72	*0.03*
Poland, Cracow	450	**18.2**	*0.88*	2.06	*0.12*	495	**12.2**	*0.59*	1.31	*0.08**
Poland, Kielce	586	**13.5**	*0.58*	1.61	*0.08*	506	**8.1**	*0.40*	0.90	*0.05*
Poland, Warsaw City	513	**8.2**	*0.37*	0.90	*0.05*	544	**5.6**	*0.27*	0.62	*0.03*
Portugal, Porto	452	**4.5**	*0.22*	0.52	*0.03*	363	**2.7**	*0.16*	0.32	*0.02**
Portugal, South Regional	1200	**10.3**	*0.32*	1.15	*0.04*	1031	**6.5**	*0.23*	0.66	*0.03*
Russia, St Petersburg	664	**4.9**	*0.20*	0.59	*0.03*	852	**3.4**	*0.15*	0.37	*0.02*
Serbia	1178	**6.9**	*0.22*	0.77	*0.03*	1137	**5.7**	*0.19*	0.62	*0.02*
Slovak Republic	1313	**8.4**	*0.24*	1.00	*0.03*	1266	**5.2**	*0.16*	0.53	*0.02*
Slovenia	294	**4.4**	*0.27*	0.47	*0.03*	350	**3.2**	*0.20*	0.31	*0.02*
Spain, Albacete	118	**8.5**	*0.86*	0.92	*0.11*	106	**5.8**	*0.72*	0.51	*0.08*
Spain, Asturias	898	**17.0**	*0.62*	1.87	*0.08*	648	**7.6**	*0.37*	0.78	*0.05*
Spain, Basque Country	952	**13.1**	*0.44*	1.47	*0.06*	716	**6.5**	*0.28*	0.61	*0.04*
Spain, Canary Islands	598	**12.5**	*0.53*	1.38	*0.07*	430	**6.4**	*0.33*	0.61	*0.05*
Spain, Cuenca	72	**5.0**	*0.69*	0.48	*0.09*	74	**4.2**	*0.68*	0.38	*0.08*
Spain, Girona	305	**11.7**	*0.73*	1.24	*0.10*	247	**6.9**	*0.56*	0.63	*0.07*
Spain, Granada	349	**10.5**	*0.60*	1.21	*0.08*	275	**5.8**	*0.43*	0.57	*0.05*
Spain, Murcia	410	**9.4**	*0.49*	1.02	*0.07*	347	**5.6**	*0.34*	0.58	*0.05*
Spain, Navarra	233	**8.6**	*0.61*	0.92	*0.08*	214	**5.4**	*0.49*	0.51	*0.06*
Spain, Tarragona	226	**10.2**	*0.73*	1.12	*0.10*	186	**6.2**	*0.64*	0.49	*0.06*
Spain, Zaragoza	188	**4.8**	*0.39*	0.57	*0.05*	141	**2.2**	*0.23*	0.20	*0.03*
Sweden	4238	**10.0**	*0.17*	1.19	*0.02*	5339	**9.9**	*0.16*	1.17	*0.02*
Switzerland, Geneva	110	**7.0**	*0.70*	0.74	*0.09*	135	**4.9**	*0.49*	0.45	*0.07*
Switzerland, Graubunden and Glarus	58	**5.8**	*0.81*	0.69	*0.13*	69	**4.6**	*0.66*	0.49	*0.09*
Switzerland, Neuchatel	60	**7.5**	*1.05*	0.69	*0.14*	68	**6.1**	*0.89*	0.62	*0.12*
Switzerland, St Gall-Appenzell	160	**7.6**	*0.64*	0.80	*0.09*	142	**4.5**	*0.47*	0.46	*0.06*
Switzerland, Ticino	128	**9.1**	*0.84*	1.01	*0.12*	149	**5.9**	*0.61*	0.51	*0.08*
Switzerland, Valais	83	**7.7**	*0.88*	0.93	*0.13*	78	**4.6**	*0.60*	0.43	*0.08*
Switzerland, Vaud	188	**7.2**	*0.57*	0.70	*0.07*	215	**5.7**	*0.47*	0.60	*0.06*
The Netherlands	7606	**12.5**	*0.15*	1.46	*0.02*	7267	**9.1**	*0.12*	1.04	*0.02*
The Netherlands, Eindhoven	462	**12.5**	*0.59*	1.49	*0.09*	420	**8.7**	*0.45*	0.95	*0.06*
The Netherlands, Maastricht	609	**16.7**	*0.70*	1.93	*0.10*	534	**11.0**	*0.53*	1.23	*0.07*
UK, East of England Region	1603	**11.9**	*0.32*	1.25	*0.04*	1795	**9.9**	*0.28*	1.01	*0.04*
UK, England, Merseyside and Cheshire	1087	**10.1**	*0.32*	1.06	*0.05*	1048	**6.9**	*0.25*	0.72	*0.03*
UK, England, North Western	3183	**17.8**	*0.33*	1.99	*0.05*	3650	**14.6**	*0.28*	1.67	*0.04*
UK, England, Northern and Yorkshire	4349	**14.6**	*0.23*	1.58	*0.03*	5017	**11.8**	*0.20*	1.29	*0.03*
UK, England, Oxford Region	1354	**12.1**	*0.34*	1.27	*0.05*	1555	**10.1**	*0.30*	1.05	*0.04*
UK, England, South and Western Regions	4029	**11.9**	*0.21*	1.26	*0.03*	4836	**10.2**	*0.18*	1.07	*0.02*
UK, England, Thames	7991	**13.5**	*0.16*	1.44	*0.02*	9407	**11.0**	*0.14*	1.19	*0.02*
UK, England, Trent	3014	**13.4**	*0.26*	1.43	*0.04*	3469	**11.2**	*0.22*	1.21	*0.03*
UK, England, West Midlands	3213	**13.5**	*0.25*	1.46	*0.04*	3511	**10.7**	*0.21*	1.18	*0.03*
UK, Northern Ireland	811	**13.3**	*0.49*	1.47	*0.07*	975	**11.1**	*0.41*	1.22	*0.06*
UK, Scotland	3125	**14.1**	*0.26*	1.52	*0.04*	3777	**11.2**	*0.21*	1.19	*0.03*
Oceania										
Australia, New South Wales	3230	**12.9**	*0.24*	1.45	*0.03*	3121	**9.7**	*0.20*	1.04	*0.03*
Australia, Northern Territory	72	**20.2**	*2.52*	2.49	*0.38*	52	**17.9**	*2.63*	2.54	*0.46*
Australia, Queensland	1430	**11.0**	*0.30*	1.22	*0.04*	1375	**8.5**	*0.25*	0.87	*0.04*
Australia, South	674	**10.4**	*0.43*	1.14	*0.06*	766	**9.0**	*0.38*	0.93	*0.05*
Australia, Tasmania	215	**10.8**	*0.77*	1.01	*0.10*	233	**9.4**	*0.70*	0.96	*0.10*
Australia, Victoria	1774	**9.5**	*0.24*	1.01	*0.03*	1904	**7.8**	*0.20*	0.81	*0.03*
Australia, Western	610	**9.3**	*0.39*	0.98	*0.06*	549	**6.4**	*0.30*	0.62	*0.04*
Australian Capital Territory	122	**14.0**	*1.31*	1.49	*0.19*	108	**9.4**	*0.97*	0.96	*0.14*
French Polynesia	53	**13.3**	*1.94*	1.37	*0.25*	47	**10.7**	*1.60*	1.17	*0.23*
New Zealand	1579	**11.7**	*0.31*	1.28	*0.04*	1724	**10.0**	*0.27*	1.09	*0.04*
USA, Hawaii	273	**5.9**	*0.38*	0.72	*0.06*	251	**4.2**	*0.30*	0.49	*0.04*
USA, Hawaii: Chinese	9	**1.9**	*0.72*	0.18	*0.10*	25	**3.3**	*0.74*	0.30	*0.12*
USA, Hawaii: Filipino	42	**6.3**	*1.03*	0.86	*0.16*	23	**3.1**	*0.66*	0.40	*0.10*
USA, Hawaii: Hawaiian	66	**13.1**	*1.65*	1.47	*0.23*	39	**6.7**	*1.11*	0.83	*0.17*
USA, Hawaii: Japanese	60	**3.8**	*0.62*	0.42	*0.08*	65	**2.5**	*0.39*	0.29	*0.06*
USA, Hawaii: White	77	**6.0**	*0.72*	0.76	*0.11*	75	**5.3**	*0.69*	0.63	*0.11*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

All sites (C00-96)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	1998	**94.0**	*2.22*	-	-	1912	**84.7**	*2.03*	-	- *
Egypt, Gharbiah	7170	**162.9**	*2.06*	-	-	6765	**121.8**	*1.53*	-	-
Tunisia, Centre, Sousse	1512	**159.6**	*4.17*	-	-	1093	**106.0**	*3.27*	-	- *
Uganda, Kyadondo County	2223	**157.5**	*4.39*	-	-	2810	**173.5**	*4.14*	-	- *
Zimbabwe, Harare: African	4435	**205.5**	*3.94*	-	-	3866	**199.4**	*4.09*	-	- *
America, Central and South										
Argentina, Bahia Blanca	2365	**275.1**	*5.95*	32.18	*0.82*	2493	**240.3**	*5.29*	26.41	*0.63*
Brazil, Brasilia	9206	**450.8**	*5.15*	51.93	*0.76*	10535	**376.8**	*4.00*	42.64	*0.58*
Brazil, Cuiaba	2036	**329.1**	*7.65*	40.00	*1.18*	2017	**263.3**	*6.20*	29.76	*0.89*
Brazil, Goiania	6295	**458.4**	*5.94*	52.69	*0.88*	7282	**389.3**	*4.69*	42.25	*0.66*
Brazil, Sao Paulo	89421	**441.4**	*1.58*	51.71	*0.23*	98563	**347.1**	*1.19*	38.34	*0.16*
Chile, Valdivia	2185	**242.4**	*5.28*	27.64	*0.77*	2072	**203.7**	*4.60*	22.20	*0.61*
Colombia, Cali	7792	**224.7**	*2.66*	26.19	*0.40*	9636	**211.8**	*2.25*	23.76	*0.31*
Costa Rica	16831	**222.3**	*1.77*	24.67	*0.26*	16531	**199.1**	*1.60*	21.37	*0.22*
Ecuador, Quito	4990	**178.0**	*2.63*	20.15	*0.39*	6069	**183.0**	*2.47*	20.32	*0.34*
France, La Martinique	3802	**314.3**	*5.29*	39.20	*0.78*	2691	**189.9**	*3.89*	20.61	*0.48*
Peru, Trujillo	1452	**159.8**	*4.33*	18.81	*0.67*	2173	**190.3**	*4.22*	21.60	*0.60**
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	275145	**338.3**	*0.67*	40.76	*0.10*	249053	**271.2**	*0.59*	30.83	*0.08*
Canada, Alberta	30369	**335.1**	*1.98*	40.59	*0.29*	26901	**267.3**	*1.73*	30.37	*0.23*
Canada, British Columbia	47439	**311.5**	*1.50*	37.13	*0.22*	41466	**247.0**	*1.33*	27.89	*0.18*
Canada, Manitoba	19207	**456.1**	*3.48*	54.53	*0.51*	17636	**362.2**	*3.06*	41.43	*0.41*
Canada, New Brunswick	9638	**355.6**	*3.79*	43.45	*0.56*	8318	**269.1**	*3.24*	31.11	*0.43*
Canada, Newfoundland and Labrador	5784	**313.8**	*4.27*	39.33	*0.63*	4577	**231.3**	*3.63*	27.02	*0.48*
Canada, Northwest Territories	196	**259.5**	*19.52*	33.42	*3.09*	185	**232.4**	*18.26*	28.91	*2.87*
Canada, Nova Scotia	13118	**380.2**	*3.47*	45.34	*0.50*	11591	**287.0**	*2.95*	32.87	*0.39*
Canada, Ontario	134782	**334.4**	*0.95*	40.49	*0.14*	125992	**273.4**	*0.83*	31.03	*0.11*
Canada, Prince Edward Island	1811	**363.7**	*8.93*	43.99	*1.29*	1588	**275.9**	*7.64*	31.63	*1.02*
Canada, Saskatchewan	12801	**321.5**	*3.09*	38.39	*0.45*	10799	**255.8**	*2.80*	29.44	*0.36*
USA, Alabama	50875	**344.1**	*1.58*	42.50	*0.23*	46382	**254.1**	*1.28*	29.32	*0.17*
USA, Alabama: Black	10053	**376.1**	*3.87*	46.94	*0.57*	9096	**232.6**	*2.60*	26.88	*0.35*
USA, Alabama: White	39857	**332.9**	*1.73*	41.02	*0.25*	36501	**257.5**	*1.48*	29.70	*0.19*
USA, Alaska	5148	**353.7**	*5.13*	43.64	*0.78*	4628	**296.6**	*4.56*	34.41	*0.66*
USA, Arizona	55282	**308.0**	*1.39*	37.35	*0.20*	50440	**253.4**	*1.23*	29.08	*0.16*
USA, California	344567	**341.6**	*0.61*	41.57	*0.09*	327502	**273.5**	*0.52*	31.36	*0.07*
USA, California: Asian and Pacific Islander	25289	**222.2**	*1.44*	26.55	*0.21*	26805	**192.6**	*1.22*	21.39	*0.16*
USA, California: Black	23702	**423.1**	*2.80*	53.02	*0.42*	19127	**260.3**	*1.96*	30.16	*0.27*
USA, California: Hispanic White	42913	**267.2**	*1.35*	32.35	*0.21*	44719	**217.6**	*1.07*	24.44	*0.15*
USA, California: Non-Hispanic White	243207	**367.8**	*0.80*	44.68	*0.11*	232115	**305.8**	*0.72*	35.32	*0.09*
USA, California, Greater San Francisco Bay Area	68192	**338.6**	*1.36*	41.28	*0.20*	65969	**272.1**	*1.15*	30.99	*0.15*
USA, California, Greater San Francisco Bay Area: Black	5266	**411.4**	*5.82*	51.49	*0.88*	4386	**261.4**	*4.18*	29.86	*0.57*
USA, California, Greater San Francisco Bay Area: Chinese	3778	**224.3**	*3.86*	26.62	*0.55*	3546	**184.4**	*3.31*	20.10	*0.42*
USA, California, Greater San Francisco Bay Area: Filipino	2051	**232.4**	*5.31*	28.48	*0.79*	2108	**180.3**	*4.04*	20.07	*0.52*
USA, California, Greater San Francisco Bay Area: Japanese	776	**225.8**	*9.08*	27.78	*1.34*	963	**206.6**	*7.46*	24.05	*0.94*
USA, California, Greater San Francisco Bay Area: Hispanic White	6067	**280.1**	*3.75*	33.68	*0.57*	6232	**228.1**	*3.00*	25.87	*0.42*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	46120	**366.3**	*1.83*	44.77	*0.27*	45112	**305.6**	*1.63*	35.20	*0.22*
USA, California, Los Angeles County	88323	**338.5**	*1.19*	41.21	*0.18*	84936	**264.6**	*0.97*	30.16	*0.13*
USA, California, Los Angeles County: Black	11073	**448.5**	*4.32*	56.31	*0.65*	9106	**265.0**	*2.90*	30.86	*0.40*
USA, California, Los Angeles County: Chinese	2412	**205.7**	*4.44*	23.65	*0.64*	2333	**176.0**	*3.87*	18.58	*0.50*
USA, California, Los Angeles County: Filipino	2073	**265.2**	*6.05*	32.62	*0.92*	2429	**230.3**	*4.81*	25.60	*0.61*
USA, California, Los Angeles County: Japanese	1584	**268.9**	*7.88*	32.01	*1.06*	1550	**236.2**	*6.85*	26.67	*0.83*
USA, California, Los Angeles County: Korean	1223	**230.9**	*6.72*	28.07	*1.02*	1249	**180.7**	*5.35*	19.76	*0.69*
USA, California, Los Angeles County: Hispanic White	16380	**266.3**	*2.18*	32.37	*0.34*	17571	**208.3**	*1.64*	23.29	*0.23*
USA, California, Los Angeles County: Non-Hispanic White	49689	**375.0**	*1.83*	45.40	*0.26*	48254	**319.6**	*1.68*	36.80	*0.21*
USA, Colorado	41622	**335.2**	*1.70*	40.95	*0.25*	40098	**274.5**	*1.46*	31.48	*0.20*
USA, Connecticut	46838	**391.7**	*1.93*	48.08	*0.28*	45106	**306.3**	*1.62*	35.32	*0.21*
USA, Connecticut: Black	2948	**431.8**	*8.09*	54.07	*1.21*	2577	**263.5**	*5.34*	30.45	*0.74*
USA, Connecticut: White	43013	**388.0**	*2.01*	47.53	*0.29*	41807	**310.5**	*1.73*	35.79	*0.23*
USA, District of Columbia	7527	**442.0**	*5.29*	54.46	*0.77*	6885	**294.5**	*3.90*	33.29	*0.51*
USA, District of Columbia: Black	5313	**497.4**	*7.09*	60.98	*1.00*	4593	**289.2**	*4.71*	32.70	*0.60*
USA, District of Columbia: White	1882	**320.3**	*7.83*	39.79	*1.18*	1987	**285.8**	*7.22*	32.72	*0.99*
USA, Florida	252570	**370.7**	*0.81*	45.38	*0.11*	218022	**282.4**	*0.69*	32.21	*0.09*
USA, Florida: Black	20979	**404.5**	*2.83*	50.53	*0.42*	17456	**247.2**	*1.94*	28.20	*0.27*
USA, Florida: White	228235	**368.1**	*0.86*	44.95	*0.12*	197537	**287.7**	*0.76*	32.77	*0.09*
USA, Georgia	81730	**369.7**	*1.32*	45.69	*0.20*	75178	**267.3**	*1.03*	30.89	*0.14*
USA, Georgia: Black	19084	**440.1**	*3.29*	54.79	*0.50*	16505	**247.5**	*2.03*	28.50	*0.28*
USA, Georgia: White	61662	**355.2**	*1.47*	43.85	*0.22*	57610	**275.5**	*1.23*	31.82	*0.16*
USA, Georgia, Atlanta	24914	**378.6**	*2.48*	46.76	*0.38*	24091	**276.0**	*1.88*	31.99	*0.27*
USA, Georgia, Atlanta: Black	7226	**445.8**	*5.54*	55.00	*0.86*	6600	**256.3**	*3.35*	29.64	*0.49*
USA, Georgia, Atlanta: White	17092	**365.4**	*2.89*	45.18	*0.44*	16887	**291.2**	*2.40*	33.70	*0.33*
USA, Idaho	14337	**340.7**	*2.97*	41.46	*0.44*	12601	**271.6**	*2.62*	31.30	*0.35*
USA, Illinois	146682	**373.5**	*1.02*	45.93	*0.15*	142725	**292.3**	*0.85*	33.65	*0.11*
USA, Illinois: Black	18815	**442.1**	*3.28*	54.82	*0.48*	17765	**289.6**	*2.25*	33.25	*0.31*
USA, Illinois: White	123103	**362.6**	*1.09*	44.49	*0.16*	120853	**292.9**	*0.94*	33.76	*0.12*
USA, Indiana	69755	**354.1**	*1.40*	43.57	*0.20*	68746	**287.5**	*1.20*	33.35	*0.16*
USA, Iowa	39254	**361.3**	*1.96*	44.09	*0.28*	37312	**290.9**	*1.72*	33.19	*0.22*
USA, Kentucky	54223	**407.4**	*1.81*	49.71	*0.26*	49728	**308.8**	*1.50*	35.60	*0.20*
USA, Louisiana	55109	**403.6**	*1.78*	49.24	*0.26*	47324	**277.8**	*1.38*	31.89	*0.18*
USA, Louisiana: Black	14466	**453.9**	*3.87*	55.78	*0.58*	12401	**273.9**	*2.58*	31.14	*0.35*
USA, Louisiana: White	40191	**391.2**	*2.03*	47.60	*0.29*	34579	**281.9**	*1.67*	32.43	*0.22*
USA, Louisiana, New Orleans: Black	4284	**457.8**	*7.16*	56.48	*1.06*	3823	**277.1**	*4.66*	31.45	*0.64*
USA, Louisiana, New Orleans: White	7967	**388.4**	*4.63*	47.64	*0.66*	7451	**290.6**	*3.83*	33.54	*0.49*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

All sites (C00-96) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	18958	**393.9**	*3.02*	48.34	*0.44*	17375	**306.6**	*2.59*	35.37	*0.34*
USA, Massachusetts	83650	**393.5**	*1.44*	48.79	*0.21*	83775	**311.6**	*1.21*	35.88	*0.16*
USA, Michigan	128563	**394.9**	*1.15*	48.61	*0.17*	115047	**295.0**	*0.95*	34.02	*0.13*
USA, Michigan: Black	16315	**494.6**	*4.00*	61.81	*0.60*	13343	**292.7**	*2.66*	33.90	*0.37*
USA, Michigan: White	109126	**379.8**	*1.21*	46.69	*0.18*	99568	**294.8**	*1.03*	33.96	*0.14*
USA, Michigan, Detroit	56025	**438.8**	*1.95*	54.13	*0.29*	49400	**307.5**	*1.52*	35.42	*0.20*
USA, Michigan, Detroit: Black	12644	**519.9**	*4.80*	65.50	*0.72*	10216	**295.2**	*3.09*	34.29	*0.42*
USA, Michigan, Detroit: White	42507	**422.4**	*2.17*	51.73	*0.32*	38551	**315.3**	*1.80*	36.22	*0.23*
USA, Missouri	68150	**357.6**	*1.43*	44.04	*0.21*	65573	**280.8**	*1.21*	32.48	*0.16*
USA, Missouri: Black	6183	**443.3**	*5.76*	55.05	*0.85*	5798	**281.9**	*3.90*	32.56	*0.53*
USA, Missouri: White	61375	**351.5**	*1.49*	43.24	*0.21*	59111	**281.6**	*1.29*	32.56	*0.17*
USA, Montana	12123	**358.7**	*3.44*	43.81	*0.50*	10517	**283.3**	*3.05*	32.85	*0.41*
USA, NPCR	2686175	**366.7**	*0.23*	44.96	*0.03*	2519943	**285.0**	*0.20*	32.77	*0.03*
USA, NPCR: Black	260784	**430.1**	*0.86*	53.69	*0.13*	227098	**262.3**	*0.57*	30.26	*0.08*
USA, NPCR: White	2324530	**360.5**	*0.25*	44.12	*0.04*	2201064	**288.7**	*0.22*	33.22	*0.03*
USA, New Jersey	117613	**411.8**	*1.27*	50.63	*0.18*	109504	**307.0**	*1.03*	35.09	*0.13*
USA, New Jersey: Black	13191	**478.2**	*4.22*	60.32	*0.63*	11131	**278.2**	*2.72*	32.06	*0.38*
USA, New Jersey: White	100666	**408.7**	*1.38*	50.09	*0.20*	94985	**316.0**	*1.16*	36.11	*0.15*
USA, New Mexico	18988	**318.0**	*2.40*	38.92	*0.35*	16661	**247.3**	*2.04*	28.16	*0.27*
USA, New Mexico: American Indian	640	**184.5**	*7.50*	21.59	*1.11*	708	**155.8**	*6.01*	17.29	*0.83*
USA, New Mexico: Hispanic White	5110	**277.3**	*3.97*	33.59	*0.59*	4437	**208.7**	*3.25*	23.28	*0.43*
USA, New Mexico: Non-Hispanic White	12840	**355.9**	*3.37*	43.56	*0.47*	11200	**286.2**	*3.04*	32.60	*0.38*
USA, New York State	236554	**378.8**	*0.82*	46.15	*0.12*	235446	**296.5**	*0.67*	33.96	*0.09*
USA, New York State: Black	28983	**437.8**	*2.61*	54.43	*0.39*	27323	**266.3**	*1.67*	30.61	*0.23*
USA, New York State: White	200510	**378.5**	*0.90*	46.03	*0.13*	201213	**307.4**	*0.77*	35.24	*0.10*
USA, Ohio	139168	**360.5**	*1.01*	44.23	*0.15*	135728	**286.1**	*0.86*	33.20	*0.11*
USA, Ohio: Black	13229	**413.1**	*3.68*	51.96	*0.54*	11881	**265.6**	*2.56*	31.08	*0.35*
USA, Ohio: White	120447	**343.8**	*1.04*	42.03	*0.15*	120100	**282.7**	*0.91*	32.79	*0.12*
USA, Oklahoma	41564	**348.7**	*1.79*	42.41	*0.26*	38428	**271.7**	*1.52*	31.50	*0.20*
USA, Oregon	43120	**360.4**	*1.84*	44.39	*0.27*	41351	**301.4**	*1.63*	35.02	*0.22*
USA, Pennsylvania	181129	**392.0**	*0.99*	48.32	*0.14*	170312	**300.7**	*0.83*	34.50	*0.11*
USA, Pennsylvania: Black	14757	**484.9**	*4.10*	61.14	*0.60*	13041	**293.1**	*2.72*	33.93	*0.36*
USA, Pennsylvania: White	162003	**379.4**	*1.02*	46.69	*0.14*	153676	**298.3**	*0.88*	34.21	*0.11*
USA, Rhode Island	15177	**409.2**	*3.57*	50.07	*0.52*	14412	**309.2**	*2.95*	35.41	*0.38*
USA, SEER (9 Registries)	312187	**370.4**	*0.70*	45.33	*0.10*	290580	**286.7**	*0.58*	32.89	*0.08*
USA, SEER (9 Registries): Black	30233	**465.4**	*2.76*	58.27	*0.42*	25281	**274.0**	*1.81*	31.73	*0.25*
USA, SEER (9 Registries): White	258954	**372.1**	*0.77*	45.49	*0.11*	243156	**296.7**	*0.67*	34.09	*0.09*
USA, SEER (14 Registries)	839579	**366.2**	*0.42*	44.75	*0.06*	782044	**283.2**	*0.35*	32.50	*0.05*
USA, SEER (14 Registries): Asian and Pacific Islander	40402	**229.2**	*1.18*	27.31	*0.18*	42010	**196.4**	*0.99*	21.90	*0.13*
USA, SEER (14 Registries): Black	80696	**454.4**	*1.63*	56.76	*0.25*	67270	**270.9**	*1.09*	31.29	*0.15*
USA, SEER (14 Registries): Hispanic White	59469	**276.8**	*1.18*	33.59	*0.18*	60468	**221.5**	*0.93*	24.86	*0.13*
USA, SEER (14 Registries): Non-Hispanic White	643810	**379.4**	*0.50*	46.29	*0.07*	602779	**303.3**	*0.44*	34.91	*0.06*
USA, South Carolina	49964	**387.4**	*1.78*	47.74	*0.26*	42401	**267.9**	*1.39*	30.73	*0.18*
USA, South Carolina: Black	12350	**452.8**	*4.18*	56.90	*0.63*	9751	**244.8**	*2.62*	27.93	*0.35*
USA, South Carolina: White	36947	**367.7**	*1.98*	45.09	*0.28*	32096	**274.7**	*1.67*	31.51	*0.21*
USA, Texas	200621	**343.9**	*0.79*	42.10	*0.12*	183968	**260.8**	*0.65*	29.92	*0.09*
USA, Texas: Black	21177	**419.3**	*2.96*	52.22	*0.45*	18766	**265.2**	*2.03*	30.66	*0.28*
USA, Texas: White	174615	**337.2**	*0.83*	41.21	*0.12*	160260	**260.5**	*0.70*	29.89	*0.09*
USA, Utah	17690	**316.8**	*2.48*	38.89	*0.37*	15155	**241.1**	*2.08*	27.22	*0.28*
USA, Vermont	7759	**368.0**	*4.36*	44.90	*0.63*	7435	**299.9**	*3.80*	34.24	*0.50*
USA, Washington State	71096	**374.0**	*1.47*	45.77	*0.22*	67409	**308.7**	*1.29*	35.75	*0.18*
USA, Washington, Seattle	48290	**375.9**	*1.79*	45.79	*0.27*	45844	**308.1**	*1.56*	35.64	*0.21*
USA, West Virginia	26569	**376.4**	*2.43*	45.85	*0.35*	24719	**296.3**	*2.10*	34.21	*0.27*
USA, Wisconsin	67434	**365.8**	*1.49*	45.01	*0.22*	62680	**289.0**	*1.29*	33.32	*0.17*
Asia										
Bahrain: Bahraini	952	**160.1**	*5.35*	18.58	*0.79*	957	**143.7**	*4.86*	16.15	*0.67*
China, Guangzhou City	14409	**262.2**	*2.25*	29.35	*0.30*	10312	**165.8**	*1.68*	18.05	*0.21**
China, Hong Kong	58043	**265.3**	*1.14*	30.29	*0.15*	46991	**196.1**	*0.97*	21.04	*0.12*
China, Jiashan	2611	**204.6**	*4.16*	25.20	*0.58*	1520	**111.7**	*3.02*	13.37	*0.40**
China, Nangang District, Harbin City	4487	**193.8**	*3.00*	22.63	*0.40*	3548	**141.1**	*2.43*	16.39	*0.33*
China, Shanghai	53948	**225.6**	*1.04*	25.90	*0.14*	45867	**175.4**	*0.90*	19.62	*0.11**
China, Zhongshan	5958	**181.2**	*2.40*	21.39	*0.32*	3810	**108.2**	*1.82*	12.02	*0.23**
Cyprus	4854	**210.1**	*3.18*	24.72	*0.45*	4583	**188.7**	*2.96*	20.93	*0.37**
India, Chennai (Madras)	9868	**106.6**	*1.09*	12.60	*0.15*	10633	**115.7**	*1.14*	13.18	*0.15*
India, New Delhi	24525	**116.5**	*0.79*	13.79	*0.11*	23406	**124.3**	*0.86*	14.22	*0.12**
India, Karunagappally	995	**115.9**	*3.72*	14.53	*0.55*	749	**80.0**	*2.97*	9.12	*0.39*
India, Mumbai (Bombay)	22464	**102.2**	*0.71*	11.96	*0.10*	22062	**104.5**	*0.72*	11.83	*0.10*
India, Nagpur	4079	**100.6**	*1.63*	11.65	*0.22*	4196	**102.3**	*1.62*	11.16	*0.20**
India, Poona	5655	**88.2**	*1.22*	10.17	*0.17*	6520	**101.2**	*1.29*	11.58	*0.17**
India, Trivandrum	2593	**96.6**	*1.91*	11.70	*0.27*	2604	**85.2**	*1.69*	9.57	*0.22**
Israel	49005	**291.4**	*1.37*	34.72	*0.20*	52806	**273.7**	*1.26*	30.84	*0.16*
Israel: Jews	44374	**291.8**	*1.46*	34.74	*0.21*	49053	**282.2**	*1.37*	31.87	*0.17*
Israel: Non-Jews	2853	**183.4**	*3.63*	22.34	*0.57*	2439	**134.5**	*2.85*	15.03	*0.39*
Japan, Aichi Prefecture	9474	**243.3**	*2.55*	28.62	*0.36*	7024	**166.2**	*2.12*	18.37	*0.27*
Japan, Fukui Prefecture	10694	**255.4**	*2.66*	29.91	*0.36*	8033	**166.2**	*2.21*	18.25	*0.26*
Japan, Hiroshima	14450	**346.8**	*2.96*	41.83	*0.43*	10507	**214.1**	*2.26*	23.69	*0.28*
Japan, Miyagi Prefecture	32173	**301.5**	*1.77*	35.21	*0.24*	22714	**189.4**	*1.42*	20.57	*0.17*
Japan, Nagasaki Prefecture	22523	**300.1**	*2.17*	35.58	*0.29*	17037	**189.9**	*1.75*	20.51	*0.20*
Japan, Osaka Prefecture	95427	**256.1**	*0.86*	29.73	*0.12*	66574	**152.1**	*0.66*	16.51	*0.08*
Japan, Yamagata Prefecture	19083	**281.4**	*2.23*	33.28	*0.30*	13873	**179.0**	*1.87*	19.54	*0.21*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors
All sites (C00-96) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	243346	**284.5**	*0.59*	34.60	*0.09*	185902	**164.7**	*0.39*	18.20	*0.05*
Korea, Busan	22186	**273.7**	*2.00*	33.09	*0.29*	17437	**158.2**	*1.22*	17.75	*0.16*
Korea, Daegu	15093	**293.2**	*2.51*	35.29	*0.37*	12268	**175.9**	*1.61*	19.56	*0.22*
Korea, Daejeon	7143	**277.3**	*3.45*	33.84	*0.52*	5967	**168.4**	*2.24*	18.71	*0.30*
Korea, Gwangju	7639	**301.3**	*3.62*	36.96	*0.54*	6357	**175.6**	*2.25*	19.62	*0.30*
Korea, Incheon	12877	**267.6**	*2.49*	32.45	*0.37*	10959	**167.6**	*1.65*	18.60	*0.22*
Korea, Jejudo	1894	**256.8**	*6.09*	31.22	*0.90*	1548	**144.9**	*3.84*	15.11	*0.46*
Korea, Seoul	59887	**298.3**	*1.32*	34.68	*0.19*	51125	**190.7**	*0.87*	21.29	*0.12*
Korea, Ulsan	3832	**288.2**	*5.21*	35.03	*0.79*	3143	**165.4**	*3.11*	18.70	*0.43*
Kuwait: Kuwaitis	1309	**121.4**	*3.59*	13.44	*0.51*	1662	**128.6**	*3.38*	14.12	*0.47*
Kuwait: Non-Kuwaitis	1674	**103.3**	*4.70*	9.85	*0.54*	1382	**135.4**	*5.28*	14.69	*0.74*
Malaysia, Penang	3511	**184.6**	*3.21*	21.86	*0.47*	3988	**171.8**	*2.77*	19.12	*0.37*
Malaysia, Sarawak	4799	**129.3**	*1.93*	15.24	*0.28*	4924	**124.3**	*1.82*	13.72	*0.24*
Oman: Omani	1928	**105.1**	*2.50*	12.58	*0.37*	1697	**90.7**	*2.35*	10.43	*0.34**
Pakistan, South Karachi	4570	**166.6**	*2.65*	20.03	*0.39*	4169	**192.0**	*3.23*	21.51	*0.42**
Philippines, Manila	14343	**213.3**	*1.94*	25.14	*0.29*	18872	**207.9**	*1.60*	23.69	*0.23**
Singapore	18524	**230.3**	*1.72*	25.91	*0.24*	18939	**197.3**	*1.47*	21.06	*0.19*
Singapore: Chinese	16174	**257.0**	*2.06*	29.35	*0.30*	16474	**206.0**	*1.66*	22.10	*0.22*
Singapore: Indian	792	**108.4**	*4.06*	11.16	*0.47*	795	**141.7**	*5.28*	15.38	*0.68*
Singapore: Malay	1558	**166.6**	*4.37*	18.54	*0.60*	1670	**157.9**	*4.02*	16.70	*0.50*
Thailand, Chiang Mai	5764	**148.1**	*1.99*	17.10	*0.26*	6699	**159.1**	*2.00*	17.94	*0.25**
Thailand, Lampang	3617	**165.9**	*2.80*	19.73	*0.39*	3656	**154.3**	*2.61*	17.33	*0.33**
Thailand, Songkhla	2979	**109.2**	*2.02*	12.79	*0.29*	3104	**97.7**	*1.78*	10.62	*0.23*
Turkey, Antalya	5325	**182.0**	*2.54*	21.99	*0.36*	3883	**125.8**	*2.05*	14.18	*0.27**
Turkey, Izmir	16862	**213.6**	*1.67*	26.50	*0.24*	10715	**124.5**	*1.22*	14.12	*0.16**
Europe										
Austria	100923	**335.6**	*1.10*	39.85	*0.15*	93710	**235.1**	*0.88*	26.02	*0.11*
Austria, Tyrol	8845	**382.5**	*4.17*	46.19	*0.59*	7450	**253.4**	*3.27*	27.58	*0.41*
Austria, Vorarlberg	4102	**361.2**	*5.73*	44.01	*0.82*	3413	**238.8**	*4.48*	26.37	*0.56*
Belarus	83984	**287.4**	*1.01*	35.25	*0.14*	80489	**188.0**	*0.72*	21.24	*0.08**
Belgium, Antwerp	20910	**287.4**	*2.09*	34.12	*0.29*	16623	**216.3**	*1.87*	24.56	*0.23**
Belgium, Flanders	74128	**365.2**	*1.41*	43.53	*0.19*	60301	**278.7**	*1.27*	30.78	*0.15*
Bulgaria	76508	**238.5**	*0.91*	28.54	*0.12*	69055	**190.4**	*0.79*	21.48	*0.09**
Croatia	52071	**320.5**	*1.45*	37.70	*0.19*	45175	**220.4**	*1.15*	24.31	*0.13*
Czech Republic	142735	**394.4**	*1.07*	46.86	*0.15*	135496	**285.9**	*0.85*	32.37	*0.11*
Denmark	75917	**347.3**	*1.33*	40.08	*0.19*	81492	**331.9**	*1.29*	38.26	*0.17*
Estonia	14278	**322.1**	*2.74*	39.42	*0.38*	15337	**226.8**	*2.03*	25.88	*0.24*
Finland	56395	**280.8**	*1.23*	32.04	*0.17*	56933	**226.6**	*1.07*	24.81	*0.13*
France, Bas-Rhin	13603	**385.3**	*3.38*	47.10	*0.48*	10427	**246.3**	*2.64*	27.80	*0.33*
France, Calvados	8068	**342.5**	*4.00*	41.50	*0.56*	6207	**222.0**	*3.14*	24.93	*0.38*
France, Doubs	6181	**334.8**	*4.42*	40.30	*0.62*	4596	**218.9**	*3.55*	24.16	*0.43*
France, Haut-Rhin	9136	**352.5**	*3.78*	42.39	*0.53*	7329	**243.0**	*3.12*	27.34	*0.38*
France, Herault	12391	**323.4**	*3.14*	38.75	*0.43*	9563	**236.7**	*2.72*	26.27	*0.32*
France, Isere	13093	**328.7**	*2.98*	38.97	*0.42*	10454	**234.0**	*2.50*	25.84	*0.31*
France, Loire-Atlantique	15210	**375.3**	*3.17*	45.81	*0.44*	11068	**232.9**	*2.44*	26.09	*0.30*
France, Manche	6560	**312.2**	*4.17*	36.73	*0.55*	4781	**204.4**	*3.45*	22.50	*0.40*
France, Somme	7230	**352.4**	*4.37*	42.37	*0.60*	5241	**222.3**	*3.42*	25.14	*0.42*
France, Tarn	5332	**297.7**	*4.59*	35.38	*0.61*	3881	**208.1**	*3.97*	22.62	*0.46*
France, Vendee	7567	**309.7**	*3.84*	37.87	*0.52*	5218	**213.0**	*3.34*	23.97	*0.39*
Germany, Brandenburg	33357	**330.5**	*1.87*	39.12	*0.25*	29805	**227.2**	*1.50*	25.27	*0.18*
Germany, Free State of Saxony	58801	**308.4**	*1.33*	36.29	*0.18*	57464	**220.2**	*1.10*	24.54	*0.13*
Germany, Hamburg	24147	**341.0**	*2.29*	39.81	*0.32*	24225	**262.3**	*1.96*	29.82	*0.24*
Germany, Mecklenburg-Western Pomerania	23444	**353.3**	*2.37*	41.87	*0.32*	20759	**233.9**	*1.83*	25.85	*0.22*
Germany, Munich	30859	**327.3**	*1.93*	38.22	*0.27*	29529	**250.3**	*1.65*	27.87	*0.21*
Germany, Northrhine-Westphalia: Munster	37498	**359.7**	*1.92*	41.69	*0.26*	34948	**264.9**	*1.63*	29.20	*0.20*
Germany, Saarland	18015	**385.1**	*3.00*	45.38	*0.40*	16391	**274.9**	*2.48*	30.71	*0.30*
Iceland	2837	**298.6**	*5.89*	35.22	*0.85*	2750	**284.5**	*5.83*	31.81	*0.75*
Ireland	50202	**407.5**	*1.87*	47.50	*0.27*	45548	**324.8**	*1.64*	36.68	*0.22*
Italy, Biella Province	4067	**422.4**	*7.22*	50.58	*0.97*	3429	**287.4**	*6.02*	32.07	*0.70*
Italy, Brescia Province	11675	**472.0**	*4.55*	56.56	*0.63*	9797	**325.8**	*3.79*	35.92	*0.45*
Italy, Ferrara Province	8645	**433.8**	*5.25*	51.44	*0.70*	7300	**329.9**	*4.81*	36.54	*0.54*
Italy, Florence and Prato	24241	**399.4**	*2.87*	46.66	*0.38*	20320	**303.1**	*2.58*	32.78	*0.29*
Italy, Genoa Province	12704	**416.5**	*4.18*	48.68	*0.54*	10553	**292.1**	*3.67*	32.05	*0.41*
Italy, Macerata Province	3727	**383.9**	*7.08*	45.76	*0.94*	2831	**263.6**	*6.03*	28.84	*0.70*
Italy, Milan	20126	**392.8**	*3.03*	45.54	*0.40*	19278	**289.8**	*2.53*	32.30	*0.30*
Italy, Modena Province	12505	**401.8**	*3.93*	48.62	*0.54*	10409	**308.4**	*3.57*	34.18	*0.42*
Italy, Naples	5323	**345.6**	*4.79*	41.65	*0.67*	4142	**232.6**	*3.76*	25.93	*0.47*
Italy, North East Cancer Surveillance Network	41765	**431.0**	*2.25*	51.25	*0.31*	35731	**301.2**	*1.90*	33.28	*0.23*
Italy, Parma Province	8486	**391.1**	*4.77*	46.31	*0.64*	7427	**314.2**	*4.58*	34.54	*0.52*
Italy, Ragusa Province	4271	**329.3**	*5.44*	38.74	*0.74*	3220	**235.2**	*4.68*	26.00	*0.56*
Italy, Reggio Emilia Province	8629	**380.2**	*4.52*	45.46	*0.61*	7452	**305.8**	*4.24*	33.84	*0.50*
Italy, Romagna Region	22131	**419.4**	*3.15*	49.29	*0.42*	17706	**314.1**	*2.84*	34.66	*0.33*
Italy, Salerno Province	10166	**295.3**	*3.09*	34.96	*0.42*	8214	**218.4**	*2.69*	23.66	*0.31*
Italy, Sassari Province	6796	**349.4**	*4.44*	41.76	*0.62*	5392	**251.9**	*3.79*	28.11	*0.46*
Italy, Syracuse Province	4242	**315.8**	*5.16*	37.92	*0.71*	3198	**227.5**	*4.46*	25.42	*0.54*
Italy, Sondrio	3400	**461.1**	*8.19*	56.38	*1.16*	2780	**308.5**	*6.72*	34.32	*0.82*
Italy, Torino	17841	**388.4**	*3.17*	45.98	*0.42*	15262	**281.7**	*2.76*	31.18	*0.31*
Italy, Umbria Region	15898	**351.4**	*3.16*	41.58	*0.42*	12700	**263.8**	*2.87*	29.00	*0.33*
Italy, Varese Province	8957	**433.9**	*4.79*	50.77	*0.66*	7356	**288.6**	*3.90*	31.87	*0.46*
Italy, Veneto Region	31928	**445.4**	*2.65*	53.04	*0.37*	26927	**305.8**	*2.19*	33.98	*0.26*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors
All sites (C00-96) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	21561	**282.6**	*1.96*	34.63	*0.27*	22927	**195.9**	*1.45*	22.47	*0.17*
Lithuania	35364	**327.9**	*1.77*	39.58	*0.25*	35963	**230.3**	*1.32*	25.85	*0.16*
Malta	4247	**314.6**	*4.99*	36.78	*0.71*	3914	**249.9**	*4.24*	28.14	*0.54*
Norway	56101	**306.2**	*1.40*	35.47	*0.20*	51515	**253.4**	*1.28*	28.60	*0.16*
Poland, Cracow	7077	**286.8**	*3.49*	34.12	*0.48*	8211	**241.0**	*2.86*	27.05	*0.35**
Poland, Kielce	13212	**310.4**	*2.78*	37.89	*0.39*	11163	**209.0**	*2.16*	23.27	*0.26*
Poland, Warsaw City	14604	**239.0**	*2.07*	29.38	*0.28*	16331	**200.1**	*1.71*	23.08	*0.21*
Portugal, Porto	27124	**259.2**	*1.67*	31.17	*0.23*	22281	**182.9**	*1.34*	20.02	*0.16**
Portugal, South Regional	32573	**286.0**	*1.69*	33.29	*0.22*	26510	**202.8**	*1.41*	21.71	*0.16*
Russia, St Petersburg	36569	**263.8**	*1.41*	32.25	*0.19*	49126	**201.6**	*1.02*	22.65	*0.12*
Serbia	45672	**258.0**	*1.27*	30.74	*0.16*	43071	**226.7**	*1.18*	25.25	*0.13*
Slovak Republic	56329	**358.2**	*1.54*	42.87	*0.22*	50203	**239.0**	*1.13*	26.99	*0.14*
Slovenia	23176	**339.6**	*2.27*	40.24	*0.31*	21964	**243.4**	*1.79*	27.27	*0.22*
Spain, Albacete	3206	**249.9**	*4.87*	28.57	*0.64*	2043	**157.1**	*4.05*	16.57	*0.46*
Spain, Asturias	16262	**320.7**	*2.77*	37.22	*0.36*	10480	**181.2**	*2.16*	19.80	*0.24*
Spain, Basque Country	24800	**351.6**	*2.36*	41.14	*0.31*	15630	**196.8**	*1.79*	21.03	*0.21*
Spain, Canary Islands	13875	**299.4**	*2.60*	35.26	*0.36*	10019	**190.5**	*2.02*	20.88	*0.25*
Spain, Cuenca	2611	**221.7**	*5.24*	25.37	*0.65*	1592	**151.6**	*4.95*	16.03	*0.52*
Spain, Girona	9769	**400.4**	*4.42*	47.07	*0.60*	6597	**252.4**	*3.61*	27.59	*0.43*
Spain, Granada	10643	**334.7**	*3.48*	40.40	*0.47*	7896	**227.5**	*2.88*	25.24	*0.34*
Spain, Murcia	14450	**350.3**	*3.06*	40.51	*0.41*	10085	**218.9**	*2.41*	23.93	*0.29*
Spain, Navarra	10197	**413.2**	*4.44*	49.26	*0.61*	7151	**272.3**	*3.77*	29.31	*0.44*
Spain, Tarragona	8399	**389.9**	*4.69*	45.01	*0.63*	5973	**264.6**	*4.04*	28.59	*0.48*
Spain, Zaragoza	11808	**310.8**	*3.13*	36.82	*0.41*	7976	**188.3**	*2.50*	20.43	*0.28*
Sweden	112960	**274.2**	*0.90*	32.59	*0.13*	103557	**242.1**	*0.87*	27.78	*0.11*
Switzerland, Geneva	7495	**487.3**	*5.83*	57.88	*0.83*	7323	**378.8**	*4.89*	42.57	*0.62*
Switzerland, Graubunden and Glarus	2934	**318.5**	*6.29*	36.57	*0.88*	2419	**226.1**	*5.28*	24.69	*0.65*
Switzerland, Neuchatel	2928	**430.6**	*8.51*	51.32	*1.19*	2679	**324.8**	*7.24*	36.53	*0.89*
Switzerland, St Gall-Appenzell	7382	**372.3**	*4.56*	44.01	*0.66*	6151	**264.8**	*3.80*	29.96	*0.49*
Switzerland, Ticino	4110	**315.3**	*5.25*	37.18	*0.72*	3767	**233.7**	*4.43*	25.90	*0.53*
Switzerland, Valais	4380	**417.1**	*6.55*	49.80	*0.92*	3739	**311.7**	*5.58*	35.37	*0.71*
Switzerland, Vaud	11173	**462.4**	*4.64*	55.22	*0.66*	10547	**365.8**	*4.01*	41.40	*0.50*
The Netherlands	180671	**306.8**	*0.75*	36.58	*0.11*	170281	**254.5**	*0.67*	28.86	*0.09*
The Netherlands, Eindhoven	11857	**323.2**	*3.04*	38.45	*0.43*	10593	**259.8**	*2.69*	29.51	*0.34*
The Netherlands, Maastricht	11233	**314.1**	*3.08*	37.54	*0.43*	9924	**251.0**	*2.76*	28.41	*0.34*
UK, East of England Region	42553	**339.6**	*1.77*	38.64	*0.25*	39434	**289.2**	*1.67*	32.49	*0.21*
UK, England, Merseyside and Cheshire	30029	**299.0**	*1.83*	34.06	*0.25*	29546	**251.1**	*1.66*	28.11	*0.21*
UK, England, North Western	51419	**303.6**	*1.41*	35.23	*0.20*	49763	**254.7**	*1.30*	28.76	*0.16*
UK, England, Northern and Yorkshire	105676	**378.1**	*1.23*	43.62	*0.17*	100693	**308.0**	*1.11*	34.52	*0.14*
UK, England, Oxford Region	27818	**267.3**	*1.68*	30.65	*0.24*	26649	**232.9**	*1.57*	26.00	*0.20*
UK, England, South and Western Regions	125296	**396.6**	*1.22*	44.93	*0.17*	118708	**330.3**	*1.13*	36.58	*0.14*
UK, England, Thames	153763	**279.2**	*0.76*	31.78	*0.11*	151471	**235.2**	*0.69*	26.31	*0.09*
UK, England, Trent	72892	**344.7**	*1.37*	39.04	*0.19*	69355	**291.6**	*1.27*	32.70	*0.16*
UK, England, West Midlands	63447	**282.0**	*1.19*	32.72	*0.17*	59509	**239.9**	*1.11*	26.89	*0.14*
UK, Northern Ireland	21535	**365.0**	*2.59*	42.36	*0.37*	21981	**307.7**	*2.30*	34.53	*0.30*
UK, Scotland	82051	**399.1**	*1.46*	46.35	*0.20*	82865	**323.5**	*1.27*	36.41	*0.16*
Oceania										
Australia, New South Wales	80987	**343.8**	*1.26*	40.51	*0.18*	67703	**267.1**	*1.12*	30.05	*0.14*
Australia, Northern Territory	1258	**323.5**	*9.75*	38.62	*1.45*	921	**245.6**	*8.79*	28.01	*1.32*
Australia, Queensland	46659	**377.9**	*1.81*	43.74	*0.26*	38316	**295.9**	*1.62*	33.09	*0.21*
Australia, South	21326	**359.6**	*2.61*	42.13	*0.36*	17722	**276.3**	*2.30*	30.65	*0.29*
Australia, Tasmania	6318	**349.7**	*4.61*	40.84	*0.65*	5438	**280.8**	*4.17*	31.23	*0.53*
Australia, Victoria	56537	**326.8**	*1.44*	37.49	*0.20*	50028	**262.6**	*1.28*	29.23	*0.17*
Australia, Western	22211	**359.7**	*2.48*	41.47	*0.35*	18092	**270.1**	*2.14*	29.78	*0.28*
Australian Capital Territory	2950	**338.7**	*6.41*	38.66	*0.92*	2701	**271.2**	*5.46*	30.66	*0.75*
French Polynesia	1168	**284.3**	*8.67*	33.19	*1.23*	1165	**260.6**	*7.85*	30.38	*1.10*
New Zealand	46370	**359.5**	*1.73*	42.52	*0.25*	40625	**286.1**	*1.53*	32.25	*0.20*
USA, Hawaii	13882	**308.8**	*2.81*	36.97	*0.41*	12411	**262.3**	*2.55*	29.59	*0.32*
USA, Hawaii: Chinese	928	**238.8**	*8.87*	27.05	*1.20*	798	**181.8**	*7.30*	20.31	*0.94*
USA, Hawaii: Filipino	1932	**270.8**	*6.65*	32.61	*0.97*	1467	**210.2**	*5.65*	23.10	*0.70*
USA, Hawaii: Hawaiian	1654	**341.9**	*8.57*	41.34	*1.28*	1901	**335.2**	*7.86*	38.68	*1.06*
USA, Hawaii: Japanese	4071	**285.9**	*5.55*	34.07	*0.73*	3708	**255.6**	*5.25*	28.79	*0.60*
USA, Hawaii: White	4386	**371.1**	*5.95*	44.47	*0.86*	3558	**308.2**	*5.66*	34.99	*0.74*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

All sites but non-melanoma skin (C00-96/C44)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Africa										
Algeria, Setif	1844	**86.3**	*2.12*	-	-	1815	**80.3**	*1.97*	-	- *
Egypt, Gharbiah	6908	**156.1**	*2.01*	-	-	6637	**119.3**	*1.51*	-	-
Tunisia, Centre, Sousse	1379	**146.1**	*4.00*	-	-	986	**95.5**	*3.10*	-	- *
Uganda, Kyadondo County	2173	**153.6**	*4.33*	-	-	2777	**171.4**	*4.11*	-	- *
Zimbabwe, Harare: African	4371	**202.6**	*3.91*	-	-	3780	**194.9**	*4.03*	-	- *
America, Central and South										
Argentina, Bahia Blanca	2201	**256.2**	*5.75*	29.88	*0.79*	2352	**227.9**	*5.16*	25.04	*0.62*
Brazil, Brasilia	6732	**330.6**	*4.37*	38.20	*0.65*	8004	**280.2**	*3.39*	31.61	*0.48*
Brazil, Cuiaba	1605	**259.2**	*6.77*	31.27	*1.05*	1645	**211.7**	*5.51*	23.72	*0.78*
Brazil, Goiania	3592	**260.3**	*4.47*	30.45	*0.67*	4105	**212.1**	*3.42*	22.84	*0.46*
Brazil, Sao Paulo	70229	**346.6**	*1.37*	40.88	*0.20*	77358	**273.8**	*1.03*	30.22	*0.14*
Chile, Valdivia	2040	**226.8**	*5.11*	25.98	*0.75*	1903	**187.9**	*4.42*	20.56	*0.59*
Colombia, Cali	7766	**224.0**	*2.65*	26.12	*0.40*	9609	**211.2**	*2.24*	23.69	*0.31*
Costa Rica	13656	**179.8**	*1.59*	19.94	*0.23*	13452	**161.6**	*1.44*	17.32	*0.20*
Ecuador, Quito	4194	**148.9**	*2.40*	16.83	*0.36*	5135	**155.4**	*2.27*	17.13	*0.31*
France, La Martinique	3610	**297.5**	*5.14*	37.42	*0.77*	2438	**171.5**	*3.70*	18.59	*0.46*
Peru, Trujillo	1256	**137.8**	*4.02*	16.40	*0.62*	1947	**171.0**	*4.01*	19.55	*0.56* *
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	269555	**331.8**	*0.67*	40.05	*0.10*	244027	**266.3**	*0.59*	30.30	*0.08*
Canada, Alberta	30271	**334.1**	*1.98*	40.50	*0.29*	26796	**266.3**	*1.73*	30.28	*0.23*
Canada, British Columbia	47343	**310.9**	*1.50*	37.07	*0.22*	41349	**246.3**	*1.33*	27.83	*0.18*
Canada, Manitoba	14039	**336.9**	*3.01*	40.88	*0.44*	13042	**273.5**	*2.68*	31.48	*0.35*
Canada, New Brunswick	9614	**354.6**	*3.79*	43.35	*0.56*	8283	**268.2**	*3.23*	31.04	*0.43*
Canada, Newfoundland and Labrador	5755	**312.3**	*4.26*	39.21	*0.63*	4553	**230.2**	*3.62*	26.91	*0.48*
Canada, Northwest Territories	196	**259.5**	*19.52*	33.42	*3.09*	185	**232.4**	*18.26*	28.91	*2.87*
Canada, Nova Scotia	13074	**378.9**	*3.47*	45.22	*0.50*	11557	**286.2**	*2.94*	32.79	*0.39*
Canada, Ontario	134700	**334.2**	*0.95*	40.47	*0.14*	125919	**273.3**	*0.83*	31.02	*0.11*
Canada, Prince Edward Island	1806	**362.8**	*8.92*	43.91	*1.29*	1585	**275.2**	*7.63*	31.53	*1.01*
Canada, Saskatchewan	12757	**320.4**	*3.08*	38.26	*0.44*	10758	**255.0**	*2.79*	29.35	*0.36*
USA, Alabama	50729	**343.2**	*1.57*	42.41	*0.23*	46278	**253.5**	*1.28*	29.26	*0.17*
USA, Alabama: Black	10033	**375.5**	*3.87*	46.88	*0.57*	9069	**231.8**	*2.59*	26.81	*0.35*
USA, Alabama: White	39737	**331.9**	*1.73*	40.92	*0.25*	36425	**256.9**	*1.48*	29.64	*0.19*
USA, Alaska	5133	**352.8**	*5.12*	43.52	*0.78*	4616	**295.8**	*4.55*	34.34	*0.66*
USA, Arizona	55142	**307.2**	*1.38*	37.28	*0.20*	50316	**252.8**	*1.22*	29.02	*0.16*
USA, California	343106	**340.2**	*0.61*	41.43	*0.09*	326290	**272.5**	*0.52*	31.26	*0.07*
USA, California: Asian and Pacific Islander	25220	**221.6**	*1.44*	26.48	*0.21*	26738	**192.1**	*1.22*	21.35	*0.16*
USA, California: Black	23624	**421.9**	*2.79*	52.89	*0.42*	19059	**259.4**	*1.96*	30.07	*0.27*
USA, California: Hispanic White	42779	**266.6**	*1.35*	32.29	*0.21*	44576	**217.0**	*1.07*	24.38	*0.15*
USA, California: Non-Hispanic White	242117	**366.2**	*0.80*	44.52	*0.11*	231266	**304.6**	*0.72*	35.21	*0.09*
USA, California, Greater San Francisco Bay Area	67931	**337.4**	*1.35*	41.14	*0.20*	65732	**271.2**	*1.15*	30.90	*0.15*
USA, California, Greater San Francisco Bay Area: Black	5258	**410.8**	*5.81*	51.44	*0.88*	4372	**260.4**	*4.17*	29.77	*0.57*
USA, California, Greater San Francisco Bay Area: Chinese	3768	**223.7**	*3.85*	26.54	*0.55*	3533	**183.9**	*3.30*	20.06	*0.42*
USA, California, Greater San Francisco Bay Area: Filipino	2042	**231.4**	*5.30*	28.36	*0.79*	2106	**180.1**	*4.04*	20.06	*0.52*
USA, California, Greater San Francisco Bay Area: Japanese	775	**225.4**	*9.07*	27.71	*1.34*	961	**206.1**	*7.45*	24.01	*0.94*
USA, California, Greater San Francisco Bay Area: Hispanic White	6051	**279.5**	*3.75*	33.61	*0.57*	6212	**227.5**	*3.00*	25.82	*0.42*
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	45921	**364.8**	*1.82*	44.60	*0.27*	44947	**304.5**	*1.63*	35.09	*0.22*
USA, California, Los Angeles County	87885	**337.0**	*1.18*	41.06	*0.18*	84578	**263.5**	*0.97*	30.05	*0.13*
USA, California, Los Angeles County: Black	11034	**447.0**	*4.32*	56.14	*0.65*	9074	**264.0**	*2.90*	30.75	*0.40*
USA, California, Los Angeles County: Chinese	2408	**205.4**	*4.44*	23.59	*0.64*	2324	**175.3**	*3.86*	18.52	*0.49*
USA, California, Los Angeles County: Filipino	2068	**264.5**	*6.04*	32.56	*0.92*	2426	**230.0**	*4.81*	25.57	*0.61*
USA, California, Los Angeles County: Japanese	1577	**267.6**	*7.86*	31.90	*1.06*	1546	**235.8**	*6.84*	26.65	*0.83*
USA, California, Los Angeles County: Korean	1223	**230.9**	*6.72*	28.07	*1.02*	1248	**180.5**	*5.35*	19.74	*0.69*
USA, California, Los Angeles County: Hispanic White	16330	**265.7**	*2.18*	32.31	*0.33*	17514	**207.6**	*1.63*	23.21	*0.23*
USA, California, Los Angeles County: Non-Hispanic White	49395	**372.9**	*1.83*	45.19	*0.26*	48033	**318.2**	*1.67*	36.66	*0.21*
USA, Colorado	41445	**333.8**	*1.69*	40.80	*0.25*	39979	**273.7**	*1.46*	31.39	*0.20*
USA, Connecticut	46713	**390.7**	*1.92*	47.99	*0.28*	44997	**305.6**	*1.62*	35.25	*0.21*
USA, Connecticut: Black	2944	**431.2**	*8.09*	54.03	*1.21*	2569	**262.6**	*5.33*	30.37	*0.74*
USA, Connecticut: White	42896	**387.0**	*2.01*	47.44	*0.29*	41709	**309.8**	*1.73*	35.73	*0.23*
USA, District of Columbia	7507	**440.8**	*5.28*	54.34	*0.77*	6868	**293.7**	*3.90*	33.21	*0.51*
USA, District of Columbia: Black	5298	**496.1**	*7.08*	60.84	*1.00*	4583	**288.4**	*4.71*	32.64	*0.60*
USA, District of Columbia: White	1877	**319.4**	*7.82*	39.70	*1.18*	1983	**285.1**	*7.21*	32.62	*0.99*
USA, Florida	251927	**369.8**	*0.81*	45.29	*0.11*	217537	**281.7**	*0.69*	32.15	*0.09*
USA, Florida: Black	20951	**404.0**	*2.83*	50.49	*0.42*	17397	**246.4**	*1.93*	28.13	*0.27*
USA, Florida: White	227632	**367.2**	*0.86*	44.86	*0.12*	197120	**287.1**	*0.76*	32.72	*0.09*
USA, Georgia	81495	**368.7**	*1.32*	45.59	*0.20*	74996	**266.7**	*1.03*	30.84	*0.14*
USA, Georgia: Black	19018	**439.0**	*3.28*	54.70	*0.50*	16452	**246.7**	*2.03*	28.43	*0.28*
USA, Georgia: White	61499	**354.3**	*1.47*	43.75	*0.22*	57483	**274.9**	*1.23*	31.77	*0.16*
USA, Georgia, Atlanta	24822	**377.4**	*2.48*	46.66	*0.38*	24025	**275.3**	*1.88*	31.91	*0.27*
USA, Georgia, Atlanta: Black	7196	**444.6**	*5.54*	54.89	*0.86*	6572	**255.4**	*3.35*	29.55	*0.49*
USA, Georgia, Atlanta: White	17034	**364.2**	*2.88*	45.08	*0.44*	16850	**290.6**	*2.39*	33.63	*0.33*
USA, Idaho	14306	**340.0**	*2.97*	41.39	*0.44*	12570	**271.0**	*2.62*	31.24	*0.35*
USA, Illinois	146334	**372.6**	*1.02*	45.84	*0.15*	142366	**291.5**	*0.85*	33.58	*0.11*
USA, Illinois: Black	18779	**441.3**	*3.27*	54.75	*0.48*	17722	**288.9**	*2.25*	33.19	*0.31*
USA, Illinois: White	122812	**361.7**	*1.09*	44.41	*0.16*	120551	**292.2**	*0.94*	33.69	*0.12*
USA, Indiana	69583	**353.2**	*1.39*	43.47	*0.20*	68591	**286.8**	*1.20*	33.28	*0.16*
USA, Iowa	39125	**360.1**	*1.95*	43.97	*0.28*	37198	**289.9**	*1.72*	33.10	*0.22*
USA, Kentucky	54081	**406.4**	*1.80*	49.60	*0.26*	49626	**308.2**	*1.50*	35.54	*0.20*
USA, Louisiana	54954	**402.5**	*1.77*	49.12	*0.26*	47197	**277.1**	*1.38*	31.81	*0.18*
USA, Louisiana: Black	14443	**453.2**	*3.87*	55.72	*0.58*	12376	**273.3**	*2.58*	31.08	*0.35*
USA, Louisiana: White	40062	**390.0**	*2.03*	47.47	*0.29*	34479	**281.1**	*1.66*	32.34	*0.22*
USA, Louisiana, New Orleans: Black	4277	**457.1**	*7.15*	56.43	*1.06*	3817	**276.6**	*4.66*	31.41	*0.64*
USA, Louisiana, New Orleans: White	7945	**387.5**	*4.63*	47.54	*0.66*	7433	**290.0**	*3.82*	33.47	*0.49*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

All sites but non-melanoma skin (C00-96/C44) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
America, North (contd)										
USA, Maine	18925	**393.2**	*3.01*	48.26	*0.44*	17339	**306.0**	*2.59*	35.30	*0.34*
USA, Massachusetts	83398	**392.4**	*1.44*	48.68	*0.21*	83526	**310.6**	*1.20*	35.78	*0.16*
USA, Michigan	128214	**393.8**	*1.15*	48.51	*0.17*	114702	**294.1**	*0.95*	33.93	*0.13*
USA, Michigan: Black	16270	**493.3**	*4.00*	61.67	*0.59*	13301	**291.8**	*2.66*	33.82	*0.37*
USA, Michigan: White	108837	**378.8**	*1.21*	46.59	*0.18*	99284	**294.0**	*1.03*	33.88	*0.13*
USA, Michigan, Detroit	55857	**437.5**	*1.95*	53.99	*0.29*	49232	**306.4**	*1.52*	35.32	*0.20*
USA, Michigan, Detroit: Black	12614	**518.6**	*4.79*	65.35	*0.72*	10184	**294.3**	*3.08*	34.20	*0.42*
USA, Michigan, Detroit: White	42375	**421.2**	*2.17*	51.60	*0.32*	38425	**314.3**	*1.79*	36.12	*0.23*
USA, Missouri	67971	**356.8**	*1.43*	43.95	*0.21*	65431	**280.1**	*1.21*	32.41	*0.16*
USA, Missouri: Black	6166	**442.1**	*5.76*	54.91	*0.85*	5787	**281.4**	*3.89*	32.51	*0.53*
USA, Missouri: White	61217	**350.7**	*1.49*	43.16	*0.21*	58983	**281.0**	*1.29*	32.50	*0.17*
USA, Montana	12098	**358.0**	*3.44*	43.75	*0.50*	10495	**282.7**	*3.05*	32.79	*0.41*
USA, NPCR	2678584	**365.7**	*0.23*	44.86	*0.03*	2513430	**284.3**	*0.20*	32.70	*0.03*
USA, NPCR: Black	260184	**429.3**	*0.86*	53.61	*0.13*	226451	**261.6**	*0.57*	30.19	*0.08*
USA, NPCR: White	2317952	**359.5**	*0.25*	44.02	*0.04*	2195599	**288.0**	*0.22*	33.15	*0.03*
USA, New Jersey	117270	**410.6**	*1.26*	50.50	*0.18*	109232	**306.2**	*1.03*	35.01	*0.13*
USA, New Jersey: Black	13154	**477.0**	*4.21*	60.21	*0.63*	11107	**277.6**	*2.72*	32.01	*0.38*
USA, New Jersey: White	100374	**407.5**	*1.37*	49.96	*0.20*	94747	**315.2**	*1.16*	36.03	*0.15*
USA, New Mexico	18921	**316.9**	*2.39*	38.82	*0.35*	16600	**246.3**	*2.04*	28.06	*0.27*
USA, New Mexico: American Indian	640	**184.5**	*7.50*	21.59	*1.11*	704	**154.9**	*5.99*	17.19	*0.82*
USA, New Mexico: Hispanic White	5093	**276.4**	*3.96*	33.49	*0.59*	4424	**208.1**	*3.24*	23.22	*0.43*
USA, New Mexico: Non-Hispanic White	12791	**354.6**	*3.36*	43.45	*0.47*	11156	**285.0**	*3.04*	32.47	*0.38*
USA, New York State	235878	**377.7**	*0.81*	46.05	*0.12*	234747	**295.6**	*0.67*	33.87	*0.09*
USA, New York State: Black	28918	**436.9**	*2.60*	54.34	*0.39*	27238	**265.4**	*1.67*	30.53	*0.23*
USA, New York State: White	199913	**377.4**	*0.89*	45.91	*0.13*	200613	**306.5**	*0.77*	35.15	*0.10*
USA, Ohio	138865	**359.7**	*1.01*	44.15	*0.15*	135447	**285.4**	*0.86*	33.14	*0.11*
USA, Ohio: Black	13201	**412.3**	*3.68*	51.88	*0.54*	11846	**264.8**	*2.56*	31.01	*0.35*
USA, Ohio: White	120193	**343.0**	*1.04*	41.96	*0.15*	119866	**282.1**	*0.91*	32.73	*0.12*
USA, Oklahoma	41469	**347.9**	*1.78*	42.34	*0.26*	38361	**271.1**	*1.52*	31.46	*0.20*
USA, Oregon	43007	**359.5**	*1.84*	44.30	*0.27*	41249	**300.7**	*1.63*	34.94	*0.22*
USA, Pennsylvania	180632	**390.9**	*0.98*	48.21	*0.14*	169910	**299.9**	*0.83*	34.42	*0.11*
USA, Pennsylvania: Black	14733	**484.1**	*4.10*	61.06	*0.60*	13001	**292.1**	*2.72*	33.84	*0.36*
USA, Pennsylvania: White	161549	**378.3**	*1.02*	46.58	*0.14*	153328	**297.6**	*0.88*	34.14	*0.11*
USA, Rhode Island	15120	**407.6**	*3.56*	49.90	*0.52*	14357	**307.8**	*2.94*	35.28	*0.38*
USA, SEER (9 Registries)	311115	**369.2**	*0.69*	45.21	*0.10*	289612	**285.8**	*0.58*	32.80	*0.08*
USA, SEER (9 Registries): Black	30149	**464.3**	*2.75*	58.15	*0.42*	25188	**273.0**	*1.80*	31.63	*0.25*
USA, SEER (9 Registries): White	258045	**370.8**	*0.77*	45.36	*0.11*	242365	**295.7**	*0.66*	33.99	*0.09*
USA, SEER (14 Registries)	836565	**364.9**	*0.42*	44.62	*0.06*	779507	**282.3**	*0.35*	32.41	*0.05*
USA, SEER (14 Registries): Asian and Pacific Islander	40281	**228.5**	*1.18*	27.25	*0.18*	41900	**195.9**	*0.99*	21.86	*0.13*
USA, SEER (14 Registries): Black	80476	**453.3**	*1.63*	56.65	*0.25*	67066	**270.1**	*1.09*	31.21	*0.15*
USA, SEER (14 Registries): Hispanic White	59291	**276.2**	*1.18*	33.53	*0.18*	60289	**220.9**	*0.93*	24.80	*0.13*
USA, SEER (14 Registries): Non-Hispanic White	641428	**378.1**	*0.50*	46.15	*0.07*	600853	**302.3**	*0.44*	34.81	*0.06*
USA, South Carolina	49841	**386.5**	*1.78*	47.66	*0.26*	42294	**267.2**	*1.39*	30.67	*0.18*
USA, South Carolina: Black	12332	**452.3**	*4.17*	56.85	*0.63*	9725	**244.1**	*2.61*	27.88	*0.35*
USA, South Carolina: White	36846	**366.7**	*1.98*	44.99	*0.28*	32016	**274.0**	*1.66*	31.45	*0.21*
USA, Texas	200115	**343.1**	*0.79*	42.02	*0.12*	183617	**260.3**	*0.65*	29.87	*0.09*
USA, Texas: Black	21129	**418.5**	*2.95*	52.14	*0.45*	18720	**264.5**	*2.03*	30.60	*0.28*
USA, Texas: White	174180	**336.4**	*0.83*	41.13	*0.12*	159969	**260.1**	*0.70*	29.85	*0.09*
USA, Utah	17597	**315.2**	*2.47*	38.71	*0.37*	15080	**239.9**	*2.07*	27.10	*0.28*
USA, Vermont	7744	**367.2**	*4.36*	44.79	*0.63*	7409	**298.8**	*3.80*	34.14	*0.50*
USA, Washington State	70877	**372.9**	*1.47*	45.65	*0.22*	67174	**307.7**	*1.29*	35.65	*0.18*
USA, Washington, Seattle	48122	**374.6**	*1.79*	45.66	*0.27*	45658	**306.9**	*1.56*	35.53	*0.21*
USA, West Virginia	26512	**375.6**	*2.43*	45.77	*0.35*	24668	**295.6**	*2.09*	34.14	*0.27*
USA, Wisconsin	67288	**365.0**	*1.48*	44.92	*0.22*	62538	**288.3**	*1.28*	33.27	*0.17*
Asia										
Bahrain: Bahraini	929	**156.0**	*5.28*	18.03	*0.78*	944	**141.4**	*4.82*	15.83	*0.66*
China, Guangzhou City	14287	**260.0**	*2.24*	29.14	*0.30*	10208	**164.2**	*1.67*	17.89	*0.21**
China, Hong Kong	56776	**259.6**	*1.13*	29.68	*0.15*	45492	**190.7**	*0.96*	20.51	*0.12*
China, Jiashan	2586	**202.7**	*4.15*	24.92	*0.57*	1507	**110.9**	*3.01*	13.26	*0.40**
China, Nangang District, Harbin City	4472	**193.1**	*2.99*	22.56	*0.39*	3540	**140.8**	*2.43*	16.35	*0.33*
China, Shanghai	53528	**223.9**	*1.04*	25.71	*0.14*	45495	**174.1**	*0.90*	19.49	*0.11**
China, Zhongshan	5884	**178.9**	*2.39*	21.15	*0.32*	3748	**106.5**	*1.80*	11.82	*0.23**
Cyprus	4311	**188.0**	*3.00*	22.28	*0.43*	4081	**171.4**	*2.83*	19.03	*0.35**
India, Chennai (Madras)	9751	**105.3**	*1.09*	12.43	*0.15*	10537	**114.6**	*1.14*	13.06	*0.15*
India, New Delhi	24258	**115.2**	*0.79*	13.65	*0.11*	23244	**123.4**	*0.85*	14.12	*0.12**
India, Karunagappally	975	**113.6**	*3.68*	14.21	*0.55*	742	**79.2**	*2.95*	9.02	*0.39*
India, Mumbai (Bombay)	22147	**100.9**	*0.71*	11.80	*0.10*	21890	**103.7**	*0.72*	11.73	*0.10*
India, Nagpur	4034	**99.5**	*1.62*	11.52	*0.22*	4165	**101.5**	*1.62*	11.08	*0.20**
India, Poona	5555	**86.7**	*1.21*	10.01	*0.17*	6453	**100.1**	*1.28*	11.46	*0.17**
India, Trivandrum	2548	**95.0**	*1.90*	11.52	*0.27*	2576	**84.3**	*1.68*	9.46	*0.22**
Israel	48406	**288.0**	*1.37*	34.37	*0.20*	52172	**270.7**	*1.26*	30.52	*0.16*
Israel: Jews	43823	**288.4**	*1.45*	34.38	*0.21*	48449	**279.0**	*1.36*	31.54	*0.17*
Israel: Non-Jews	2818	**181.3**	*3.61*	22.08	*0.56*	2414	**133.2**	*2.83*	14.90	*0.39*
Japan, Aichi Prefecture	9375	**240.7**	*2.53*	28.37	*0.36*	6901	**164.0**	*2.11*	18.19	*0.27*
Japan, Fukui Prefecture	10601	**253.2**	*2.65*	29.68	*0.36*	7972	**165.1**	*2.20*	18.12	*0.26*
Japan, Hiroshima	14186	**340.6**	*2.93*	41.14	*0.42*	10260	**210.1**	*2.24*	23.32	*0.28*
Japan, Miyagi Prefecture	31858	**298.5**	*1.76*	34.92	*0.24*	22387	**187.2**	*1.41*	20.38	*0.17*
Japan, Nagasaki Prefecture	22050	**294.2**	*2.15*	34.98	*0.29*	16464	**185.6**	*1.74*	20.14	*0.20*
Japan, Osaka Prefecture	95011	**255.0**	*0.85*	29.62	*0.12*	66166	**151.3**	*0.66*	16.43	*0.08*
Japan, Yamagata Prefecture	18940	**279.3**	*2.22*	33.07	*0.30*	13733	**177.7**	*1.87*	19.41	*0.21*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

All sites but non-melanoma skin (C00-96/C44) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Asia (contd)										
Korea	241155	**281.9**	*0.59*	34.30	*0.09*	183620	**162.7**	*0.39*	17.99	*0.05*
Korea, Busan	21999	**271.3**	*1.99*	32.82	*0.29*	17248	**156.4**	*1.21*	17.56	*0.16*
Korea, Daegu	14900	**289.4**	*2.49*	34.85	*0.36*	12038	**172.5**	*1.60*	19.23	*0.21*
Korea, Daejeon	7084	**275.0**	*3.44*	33.54	*0.52*	5899	**166.5**	*2.23*	18.50	*0.30*
Korea, Gwangju	7563	**298.2**	*3.60*	36.62	*0.54*	6245	**172.6**	*2.24*	19.26	*0.30*
Korea, Incheon	12740	**264.9**	*2.48*	32.19	*0.37*	10804	**165.1**	*1.64*	18.33	*0.22*
Korea, Jejudo	1878	**254.7**	*6.06*	30.96	*0.90*	1531	**143.4**	*3.82*	14.93	*0.46*
Korea, Seoul	59431	**295.8**	*1.31*	34.44	*0.19*	50666	**188.9**	*0.86*	21.09	*0.12*
Korea, Ulsan	3804	**286.1**	*5.19*	34.75	*0.79*	3096	**162.8**	*3.09*	18.39	*0.43*
Kuwait: Kuwaitis	1294	**119.9**	*3.56*	13.28	*0.51*	1648	**127.2**	*3.36*	13.99	*0.47*
Kuwait: Non-Kuwaitis	1625	**100.5**	*4.66*	9.46	*0.53*	1368	**133.8**	*5.25*	14.51	*0.73*
Malaysia, Penang	3409	**179.1**	*3.16*	21.30	*0.47*	3896	**167.7**	*2.73*	18.69	*0.36*
Malaysia, Sarawak	4638	**124.7**	*1.90*	14.68	*0.27*	4787	**120.5**	*1.79*	13.28	*0.24*
Oman: Omani	1859	**100.9**	*2.45*	12.02	*0.36*	1627	**86.5**	*2.29*	9.91	*0.33**
Pakistan, South Karachi	4454	**162.3**	*2.62*	19.53	*0.38*	4085	**187.9**	*3.19*	21.02	*0.42**
Philippines, Manila	14119	**209.8**	*1.93*	24.79	*0.29*	18638	**205.0**	*1.59*	23.36	*0.23**
Singapore	17810	**221.5**	*1.69*	24.99	*0.24*	18185	**189.7**	*1.45*	20.33	*0.19*
Singapore: Chinese	15516	**246.7**	*2.02*	28.26	*0.29*	15768	**197.7**	*1.62*	21.29	*0.21*
Singapore: Indian	776	**106.5**	*4.03*	11.01	*0.47*	781	**139.0**	*5.22*	15.20	*0.67*
Singapore: Malay	1518	**162.2**	*4.31*	18.00	*0.59*	1636	**154.2**	*3.97*	16.23	*0.49*
Thailand, Chiang Mai	5618	**144.4**	*1.96*	16.71	*0.26*	6554	**155.7**	*1.98*	17.57	*0.25**
Thailand, Lampang	3538	**162.2**	*2.77*	19.32	*0.39*	3572	**150.8**	*2.58*	16.95	*0.33**
Thailand, Songkhla	2846	**104.3**	*1.97*	12.21	*0.28*	2990	**94.2**	*1.75*	10.26	*0.22*
Turkey, Antalya	4762	**162.2**	*2.39*	19.59	*0.33*	3433	**110.4**	*1.92*	12.35	*0.25**
Turkey, Izmir	15907	**200.9**	*1.62*	25.06	*0.23*	9884	**114.7**	*1.17*	12.96	*0.15**
Europe										
Austria	93110	**311.4**	*1.06*	37.23	*0.15*	85705	**218.8**	*0.86*	24.28	*0.11*
Austria, Tyrol	8425	**365.4**	*4.08*	44.29	*0.58*	7025	**241.7**	*3.20*	26.37	*0.40*
Austria, Vorarlberg	3941	**347.8**	*5.63*	42.70	*0.81*	3248	**231.0**	*4.42*	25.64	*0.55*
Belarus	77140	**264.1**	*0.97*	32.63	*0.13*	69885	**167.3**	*0.69*	18.81	*0.08**
Belgium, Antwerp	20055	**276.9**	*2.05*	33.10	*0.29*	16085	**211.7**	*1.85*	24.11	*0.23**
Belgium, Flanders	67116	**332.2**	*1.35*	39.90	*0.19*	53701	**252.7**	*1.22*	28.00	*0.14*
Bulgaria	69185	**217.5**	*0.87*	26.07	*0.11*	62577	**175.9**	*0.77*	19.78	*0.09**
Croatia	52071	**320.5**	*1.45*	37.70	*0.19*	45175	**220.4**	*1.15*	24.31	*0.13*
Czech Republic	119560	**332.0**	*0.99*	39.70	*0.14*	111613	**239.7**	*0.78*	27.18	*0.10*
Denmark	61586	**283.0**	*1.21*	32.94	*0.17*	66532	**274.3**	*1.18*	31.90	*0.15*
Estonia	12979	**293.1**	*2.62*	36.17	*0.36*	13263	**199.7**	*1.92*	22.65	*0.23*
Finland	54512	**272.2**	*1.21*	31.25	*0.17*	54789	**221.3**	*1.06*	24.36	*0.13*
France, Bas-Rhin	13603	**385.3**	*3.38*	47.10	*0.48*	10427	**246.3**	*2.64*	27.80	*0.33*
France, Calvados	8068	**342.5**	*4.00*	41.50	*0.56*	6207	**222.0**	*3.14*	24.93	*0.38*
France, Doubs	6181	**334.8**	*4.42*	40.30	*0.62*	4596	**218.9**	*3.55*	24.16	*0.43*
France, Haut-Rhin	9136	**352.5**	*3.78*	42.39	*0.53*	7329	**243.0**	*3.12*	27.34	*0.38*
France, Herault	12391	**323.4**	*3.14*	38.75	*0.43*	9563	**236.7**	*2.72*	26.27	*0.32*
France, Isere	13093	**328.7**	*2.98*	38.97	*0.42*	10454	**234.0**	*2.50*	25.84	*0.31*
France, Loire-Atlantique	15210	**375.3**	*3.17*	45.81	*0.44*	11068	**232.9**	*2.44*	26.09	*0.30*
France, Manche	6560	**312.2**	*4.17*	36.73	*0.55*	4781	**204.4**	*3.45*	22.50	*0.40*
France, Somme	7230	**352.4**	*4.37*	42.37	*0.60*	5241	**222.3**	*3.42*	25.14	*0.42*
France, Tarn	5332	**297.7**	*4.59*	35.38	*0.61*	3881	**208.1**	*3.97*	22.62	*0.46*
France, Vendee	7567	**309.7**	*3.84*	37.87	*0.52*	5218	**213.0**	*3.34*	23.97	*0.39*
Germany, Brandenburg	32591	**323.0**	*1.85*	38.38	*0.25*	29100	**223.6**	*1.49*	24.97	*0.18*
Germany, Free State of Saxony	56994	**299.8**	*1.31*	35.49	*0.18*	56099	**217.1**	*1.09*	24.26	*0.13*
Germany, Hamburg	20426	**291.2**	*2.13*	34.23	*0.29*	20651	**227.3**	*1.84*	25.84	*0.23*
Germany, Mecklenburg-Western Pomerania	22953	**345.8**	*2.34*	41.16	*0.32*	20322	**230.6**	*1.82*	25.57	*0.22*
Germany, Munich	30171	**320.6**	*1.91*	37.58	*0.27*	29067	**247.3**	*1.64*	27.58	*0.21*
Germany, Northrhine-Westphalia: Munster	32802	**315.9**	*1.81*	36.82	*0.24*	30746	**235.8**	*1.55*	25.93	*0.19*
Germany, Saarland	15479	**332.9**	*2.81*	39.49	*0.37*	14081	**240.7**	*2.34*	26.97	*0.28*
Iceland	2736	**289.2**	*5.81*	34.37	*0.84*	2646	**275.4**	*5.74*	30.74	*0.73*
Ireland	36298	**295.6**	*1.60*	34.51	*0.23*	33352	**243.9**	*1.44*	27.46	*0.19*
Italy, Biella Province	3436	**358.9**	*6.70*	43.13	*0.89*	2831	**242.3**	*5.56*	27.11	*0.64*
Italy, Brescia Province	9837	**399.5**	*4.20*	48.23	*0.58*	8259	**280.6**	*3.55*	31.08	*0.42*
Italy, Ferrara Province	6920	**351.1**	*4.79*	41.98	*0.63*	6051	**284.7**	*4.55*	31.51	*0.50*
Italy, Florence and Prato	20359	**337.8**	*2.66*	39.60	*0.35*	17330	**262.4**	*2.42*	28.35	*0.27*
Italy, Genoa Province	10796	**356.0**	*3.89*	41.86	*0.51*	9029	**253.1**	*3.45*	27.70	*0.38*
Italy, Macerata Province	3041	**314.8**	*6.44*	38.05	*0.86*	2264	**219.4**	*5.58*	24.12	*0.64*
Italy, Milan	17602	**345.4**	*2.86*	40.05	*0.37*	17061	**258.2**	*2.41*	28.68	*0.28*
Italy, Modena Province	10509	**339.8**	*3.64*	41.48	*0.50*	8869	**269.0**	*3.37*	29.78	*0.39*
Italy, Naples	4979	**323.6**	*4.64*	39.28	*0.65*	3890	**219.9**	*3.66*	24.55	*0.46*
Italy, North East Cancer Surveillance Network	35578	**368.3**	*2.09*	44.13	*0.29*	29752	**255.9**	*1.77*	28.29	*0.21*
Italy, Parma Province	7500	**348.0**	*4.53*	41.56	*0.61*	6730	**288.0**	*4.40*	31.71	*0.49*
Italy, Ragusa Province	3347	**259.5**	*4.86*	30.58	*0.66*	2755	**204.5**	*4.39*	22.47	*0.52*
Italy, Reggio Emilia Province	7079	**313.5**	*4.13*	37.71	*0.56*	6310	**264.8**	*3.97*	29.37	*0.46*
Italy, Romagna Region	18632	**354.4**	*2.91*	41.91	*0.39*	15147	**273.0**	*2.67*	30.07	*0.31*
Italy, Salerno Province	8952	**261.1**	*2.91*	30.92	*0.39*	7319	**198.9**	*2.59*	21.51	*0.30*
Italy, Sassari Province	5541	**286.6**	*4.04*	34.28	*0.56*	4523	**214.1**	*3.52*	24.00	*0.43*
Italy, Syracuse Province	3327	**251.0**	*4.64*	30.08	*0.63*	2790	**201.2**	*4.23*	22.37	*0.50*
Italy, Sondrio	2931	**399.8**	*7.66*	49.12	*1.08*	2281	**262.6**	*6.27*	29.28	*0.75*
Italy, Torino	15768	**343.7**	*3.00*	40.85	*0.40*	13360	**249.6**	*2.62*	27.56	*0.30*
Italy, Umbria Region	13663	**306.5**	*2.98*	36.47	*0.39*	11151	**239.1**	*2.76*	26.40	*0.31*
Italy, Varese Province	7717	**375.2**	*4.47*	44.12	*0.61*	6365	**253.6**	*3.69*	27.96	*0.43*
Italy, Veneto Region	26664	**373.6**	*2.44*	44.86	*0.34*	22403	**259.4**	*2.03*	28.85	*0.24*

*Important. See note on population page.

Age-standardized (world) incidence (per 100,000) and cumulative (0-74) incidence (percent) rates and standard errors

All sites but non-melanoma skin (C00-96/C44) (contd)

	Male					Female				
	Cases	ASR(W)		CUM 0-74		Cases	ASR(W)		CUM 0-74	
Europe (contd)										
Latvia	20144	**264.5**	*1.90*	32.53	*0.26*	20734	**180.4**	*1.40*	20.61	*0.16*
Lithuania	32138	**298.5**	*1.69*	36.20	*0.24*	30469	**199.0**	*1.24*	22.18	*0.15*
Malta	3238	**242.4**	*4.41*	28.66	*0.63*	3261	**210.5**	*3.91*	23.63	*0.49*
Norway	53499	**293.8**	*1.37*	34.22	*0.20*	49387	**246.4**	*1.27*	27.91	*0.16*
Poland, Cracow	6542	**265.6**	*3.36*	31.75	*0.46*	7558	**224.2**	*2.78*	25.13	*0.34**
Poland, Kielce	12434	**292.7**	*2.71*	35.82	*0.38*	10326	**196.3**	*2.10*	21.90	*0.25*
Poland, Warsaw City	13764	**226.0**	*2.01*	27.93	*0.27*	15413	**190.6**	*1.68*	21.98	*0.20*
Portugal, Porto	27082	**258.8**	*1.67*	31.13	*0.23*	22207	**182.4**	*1.34*	19.97	*0.16**
Portugal, South Regional	31316	**276.1**	*1.66*	32.25	*0.22*	25333	**196.7**	*1.40*	21.18	*0.16*
Russia, St Petersburg	34854	**251.7**	*1.38*	30.83	*0.19*	45729	**189.5**	*0.99*	21.22	*0.12*
Serbia	41152	**233.8**	*1.22*	27.85	*0.15*	39120	**209.1**	*1.15*	23.22	*0.13*
Slovak Republic	48834	**311.9**	*1.44*	37.47	*0.20*	42120	**203.8**	*1.05*	22.92	*0.13*
Slovenia	20324	**298.6**	*2.13*	35.48	*0.29*	18820	**213.6**	*1.70*	23.97	*0.20*
Spain, Albacete	3185	**248.0**	*4.85*	28.40	*0.63*	2029	**155.5**	*4.03*	16.40	*0.46*
Spain, Asturias	16262	**320.7**	*2.77*	37.22	*0.36*	10480	**181.2**	*2.16*	19.80	*0.24*
Spain, Basque Country	24741	**350.6**	*2.35*	41.06	*0.31*	15568	**195.9**	*1.79*	20.94	*0.21*
Spain, Canary Islands	13842	**298.7**	*2.60*	35.19	*0.36*	9974	**189.7**	*2.02*	20.79	*0.25*
Spain, Cuenca	2608	**221.1**	*5.22*	25.34	*0.65*	1585	**150.9**	*4.93*	15.98	*0.52*
Spain, Girona	8082	**335.9**	*4.08*	39.83	*0.55*	5221	**207.2**	*3.31*	22.71	*0.39*
Spain, Granada	8049	**255.0**	*3.06*	30.84	*0.41*	5888	**175.4**	*2.56*	19.40	*0.30*
Spain, Murcia	12291	**299.3**	*2.84*	34.72	*0.38*	8380	**187.4**	*2.26*	20.46	*0.27*
Spain, Navarra	7944	**325.2**	*3.96*	39.31	*0.54*	5221	**204.8**	*3.31*	21.97	*0.38*
Spain, Tarragona	6609	**310.2**	*4.18*	36.15	*0.56*	4444	**202.2**	*3.55*	21.49	*0.41*
Spain, Zaragoza	9811	**262.2**	*2.91*	31.38	*0.38*	6535	**158.1**	*2.32*	17.18	*0.26*
Sweden	106443	**261.4**	*0.88*	31.40	*0.13*	98687	**235.2**	*0.86*	27.10	*0.11*
Switzerland, Geneva	5372	**354.0**	*5.01*	42.71	*0.72*	5031	**265.9**	*4.15*	29.68	*0.52*
Switzerland, Graubunden and Glarus	2670	**294.4**	*6.09*	34.16	*0.85*	2159	**211.5**	*5.16*	23.45	*0.64*
Switzerland, Neuchatel	2190	**328.4**	*7.52*	39.34	*1.04*	1912	**244.5**	*6.39*	27.73	*0.78*
Switzerland, St Gall-Appenzell	5771	**294.0**	*4.08*	35.14	*0.59*	4680	**208.6**	*3.41*	23.58	*0.43*
Switzerland, Ticino	4110	**315.3**	*5.25*	37.18	*0.72*	3767	**233.7**	*4.43*	25.90	*0.53*
Switzerland, Valais	3410	**326.2**	*5.81*	38.92	*0.81*	2761	**237.9**	*4.93*	27.06	*0.62*
Switzerland, Vaud	7993	**336.1**	*3.99*	40.64	*0.56*	7218	**260.6**	*3.43*	29.70	*0.43*
The Netherlands	170303	**290.6**	*0.73*	34.92	*0.10*	163202	**246.7**	*0.66*	28.07	*0.08*
The Netherlands, Eindhoven	11212	**306.1**	*2.96*	36.83	*0.42*	10199	**252.1**	*2.66*	28.76	*0.34*
The Netherlands, Maastricht	10702	**300.1**	*3.02*	36.11	*0.42*	9567	**243.9**	*2.73*	27.66	*0.34*
UK, East of England Region	32929	**263.7**	*1.57*	30.15	*0.22*	31523	**237.2**	*1.53*	26.69	*0.19*
UK, England, Merseyside and Cheshire	30029	**299.0**	*1.83*	34.06	*0.25*	29546	**251.1**	*1.66*	28.11	*0.21*
UK, England, North Western	51419	**303.6**	*1.41*	35.23	*0.20*	49763	**254.7**	*1.30*	28.76	*0.16*
UK, England, Northern and Yorkshire	84893	**304.8**	*1.11*	35.40	*0.15*	81004	**254.4**	*1.02*	28.58	*0.13*
UK, England, Oxford Region	27816	**267.3**	*1.68*	30.65	*0.24*	26648	**232.9**	*1.57*	26.00	*0.20*
UK, England, South and Western Regions	91379	**291.4**	*1.06*	33.06	*0.14*	90040	**257.5**	*1.01*	28.50	*0.12*
UK, England, Thames	147351	**269.1**	*0.75*	30.80	*0.11*	147148	**230.8**	*0.68*	25.89	*0.09*
UK, England, Trent	58248	**276.4**	*1.23*	31.39	*0.17*	57044	**245.1**	*1.17*	27.54	*0.15*
UK, England, West Midlands	63438	**281.9**	*1.19*	32.71	*0.17*	59504	**239.9**	*1.11*	26.89	*0.14*
UK, Northern Ireland	15649	**267.8**	*2.23*	31.35	*0.32*	16684	**242.9**	*2.07*	27.37	*0.26*
UK, Scotland	65898	**322.1**	*1.32*	37.70	*0.18*	67318	**269.4**	*1.17*	30.50	*0.15*
Oceania										
Australia, New South Wales	80965	**343.7**	*1.26*	40.50	*0.18*	67690	**267.1**	*1.12*	30.04	*0.14*
Australia, Northern Territory	1258	**323.5**	*9.75*	38.62	*1.45*	921	**245.6**	*8.79*	28.01	*1.32*
Australia, Queensland	46460	**376.5**	*1.81*	43.61	*0.26*	38176	**294.9**	*1.61*	32.99	*0.21*
Australia, South	21017	**354.0**	*2.59*	41.55	*0.36*	17515	**273.5**	*2.29*	30.36	*0.29*
Australia, Tasmania	6277	**347.6**	*4.60*	40.59	*0.65*	5393	**278.9**	*4.16*	31.04	*0.53*
Australia, Victoria	56503	**326.6**	*1.44*	37.47	*0.20*	50009	**262.5**	*1.28*	29.22	*0.17*
Australia, Western	20948	**339.9**	*2.42*	39.38	*0.34*	17420	**261.2**	*2.11*	28.87	*0.27*
Australian Capital Territory	2879	**331.3**	*6.35*	37.92	*0.91*	2663	**267.4**	*5.42*	30.19	*0.74*
French Polynesia	1168	**284.3**	*8.67*	33.19	*1.23*	1164	**260.4**	*7.85*	30.38	*1.10*
New Zealand	46203	**358.2**	*1.73*	42.39	*0.25*	40477	**285.2**	*1.52*	32.17	*0.20*
USA, Hawaii	13815	**307.4**	*2.81*	36.83	*0.41*	12368	**261.3**	*2.55*	29.50	*0.32*
USA, Hawaii: Chinese	924	**237.8**	*8.86*	26.97	*1.20*	794	**180.9**	*7.28*	20.20	*0.93*
USA, Hawaii: Filipino	1924	**269.5**	*6.63*	32.45	*0.97*	1464	**209.7**	*5.65*	23.04	*0.70*
USA, Hawaii: Hawaiian	1647	**340.7**	*8.56*	41.23	*1.28*	1897	**334.5**	*7.85*	38.62	*1.06*
USA, Hawaii: Japanese	4061	**285.3**	*5.54*	34.01	*0.73*	3699	**255.2**	*5.25*	28.75	*0.60*
USA, Hawaii: White	4354	**368.6**	*5.93*	44.20	*0.86*	3543	**306.8**	*5.65*	34.85	*0.74*

*Important. See note on population page.

Age-standardized incidence rates by histological type

Age-standardized (world) incidence rates (per 100,000) by histological type

Oesophagus (C15) - Male

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
Africa									
Algeria, Setif	0.0	-	-	0.1	-	-	0.0	**3**	4 *
Egypt, Gharbiah	0.9	0.4	0.1	0.1	-	-	0.2	**64**	70
Tunisia, Centre, Sousse	0.5	-	-	-	-	-	-	**5**	5 *
Uganda, Kyadondo County	5.9	0.7	-	0.5	-	-	7.0	**70**	125 *
Zimbabwe, Harare: African	4.5	0.4	0.1	9.5	-	-	0.7	**92**	219 *
America, Central and South									
Argentina, Bahia Blanca	3.2	1.2	-	2.3	-	-	-	**48**	58
Brazil, Brasilia	7.7	1.9	-	0.4	0.1	-	3.0	**227**	262
Brazil, Cuiaba	7.0	0.9	-	0.7	-	-	3.1	**56**	72
Brazil, Goiania	6.1	0.8	0.1	0.4	0.1	-	0.6	**103**	115
Brazil, Sao Paulo	7.8	1.0	0.0	0.7	0.0	0.0	2.5	**1878**	2406
Chile, Valdivia	5.7	1.3	0.1	1.0	-	-	1.1	**72**	81
Colombia, Cali	1.4	0.8	0.1	0.1	-	-	0.8	**89**	112
Costa Rica	1.1	0.3	-	0.1	-	-	0.7	**113**	159
Ecuador, Quito	1.1	0.6	-	0.1	-	-	0.3	**48**	55
France, La Martinique	5.8	0.7	0.2	0.4	-	-	0.1	**81**	82
Peru, Trujillo	1.9	0.6	-	0.4	-	-	0.2	**24**	26 *
America, North									
Canada (excluding Quebec, Yukon and Nunavut)	1.5	2.3	0.1	0.2	0.0	0.0	0.2	**3307**	3568
Canada, Alberta	1.4	2.1	0.1	0.2	-	0.0	0.1	**332**	349
Canada, British Columbia	1.5	2.5	0.1	0.2	-	-	0.1	**640**	673
Canada, Manitoba	1.5	2.1	0.1	0.3	-	0.1	0.1	**160**	171
Canada, New Brunswick	1.7	2.3	-	0.3	-	-	0.1	**110**	112
Canada, Newfoundland and Labrador	1.5	1.5	0.1	0.2	-	-	-	**62**	62
Canada, Northwest Territories	1.9	4.6	-	-	-	-	-	**5**	5
Canada, Nova Scotia	1.6	2.8	0.1	0.2	-	-	0.3	**162**	174
Canada, Ontario	1.5	2.4	0.1	0.2	0.0	0.0	0.3	**1663**	1836
Canada, Prince Edward Island	2.6	2.7	-	0.2	-	-	0.6	**27**	30
Canada, Saskatchewan	1.3	2.4	0.1	0.2	0.0	0.0	0.1	**146**	156
USA, Alabama	2.6	2.4	0.1	0.3	0.0	0.0	0.2	**766**	816
USA, Alabama: Black	7.8	0.6	0.2	0.7	0.0	0.0	0.3	**227**	243
USA, Alabama: White	1.5	2.8	0.1	0.3	0.0	0.0	0.2	**535**	569
USA, Alaska	1.8	4.2	-	0.2	-	-	0.2	**90**	91
USA, Arizona	1.1	2.8	0.1	0.3	0.0	-	0.1	**752**	799
USA, California	1.5	2.6	0.1	0.3	0.0	0.0	0.1	**4397**	4569
USA, California, Greater San Francisco Bay Area	1.6	2.4	0.1	0.4	0.0	0.0	0.1	**872**	912
USA, California, Greater San Francisco Bay Area: Black	4.9	0.5	-	0.4	-	-	0.1	**68**	73
USA, California, Greater San Francisco Bay Area: Chinese	2.8	0.4	0.1	0.1	-	-	-	**55**	55
USA, California, Greater San Francisco Bay Area: Filipino	1.0	0.4	-	0.3	-	-	0.1	**13**	14
USA, California, Greater San Francisco Bay Area: Hispanic White	1.3	1.6	0.2	0.4	0.1	-	0.1	**67**	72
USA, California, Greater San Francisco Bay Area: Japanese	2.7	0.5	-	0.3	-	-	-	**12**	13
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	1.2	3.3	0.1	0.4	-	0.0	0.1	**634**	661
USA, California, Los Angeles County	1.6	1.9	0.1	0.2	0.0	0.0	0.1	**1011**	1036
USA, California, Los Angeles County: Black	3.9	0.9	0.2	0.2	-	0.0	0.2	**129**	133
USA, California, Los Angeles County: Chinese	1.9	0.3	-	0.2	-	-	-	**27**	28
USA, California, Los Angeles County: Filipino	0.7	0.5	0.2	0.3	-	-	-	**13**	13
USA, California, Los Angeles County: Hispanic White	1.4	1.5	0.1	0.2	0.0	0.1	0.1	**186**	189
USA, California, Los Angeles County: Japanese	3.7	0.5	-	0.2	-	-	-	**22**	23
USA, California, Los Angeles County: Korean	2.6	-	-	0.4	-	-	-	**17**	17
USA, California, Los Angeles County: Non-Hispanic White	1.2	2.7	0.1	0.2	0.0	0.0	0.1	**589**	605
USA, California: Asian and Pacific Islander	1.8	0.5	0.0	0.1	-	-	0.0	**275**	282
USA, California: Black	4.4	0.8	0.2	0.3	-	0.0	0.1	**311**	325
USA, California: Hispanic White	1.3	1.6	0.1	0.2	0.0	0.0	0.1	**477**	492
USA, California: Non-hispanic White	1.2	3.3	0.1	0.3	0.0	0.0	0.1	**3301**	3436
USA, Colorado	0.9	3.5	0.1	0.1	-	0.0	0.3	**582**	625
USA, Connecticut	2.0	3.6	0.1	0.2	-	-	0.0	**705**	714
USA, Connecticut: Black	6.4	1.1	0.2	0.2	-	-	-	**53**	53
USA, Connecticut: White	1.8	3.8	0.1	0.2	-	-	0.0	**646**	655
USA, District of Columbia	7.7	1.9	0.2	0.2	0.1	0.0	0.7	**166**	179
USA, District of Columbia: Black	11.2	1.5	0.3	0.4	0.1	0.1	1.1	**136**	149
USA, District of Columbia: White	1.7	2.3	-	-	0.1	-	-	**26**	26
USA, Florida	1.8	2.9	0.1	0.4	0.0	0.0	0.4	**3452**	3734
USA, Florida: Black	6.6	0.5	0.1	0.4	-	0.0	0.8	**391**	433
USA, Florida: White	1.4	3.2	0.1	0.4	0.0	0.0	0.4	**3038**	3276
USA, Georgia	2.9	2.4	0.1	0.2	0.0	0.0	0.2	**1226**	1292
USA, Georgia, Atlanta	2.6	2.3	0.2	0.2	0.0	-	0.1	**349**	359
USA, Georgia, Atlanta: Black	7.2	0.4	0.0	0.4	-	-	0.2	**128**	132
USA, Georgia, Atlanta: White	1.1	3.0	0.2	0.2	0.0	-	0.1	**213**	219
USA, Georgia: Black	9.3	0.8	0.0	0.4	0.1	0.0	0.5	**440**	470
USA, Georgia: White	1.3	2.8	0.1	0.2	0.0	0.0	0.2	**773**	809
USA, Idaho	1.1	3.5	0.1	0.4	-	0.0	0.1	**199**	210
USA, Illinois	2.3	3.7	0.1	0.3	0.0	0.0	0.1	**2463**	2562
USA, Illinois: Black	7.8	1.0	0.3	0.7	-	0.0	0.4	**397**	421
USA, Illinois: White	1.5	4.2	0.1	0.3	0.0	0.0	0.1	**2023**	2098
USA, Indiana	1.5	4.0	0.1	0.3	-	0.0	0.1	**1129**	1179
USA, Iowa	1.2	3.9	0.1	0.2	-	-	0.2	**577**	600
USA, Kentucky	1.7	3.4	0.1	0.3	0.0	0.0	0.2	**716**	763
USA, Louisiana	2.8	2.7	0.1	0.4	0.0	0.0	0.2	**794**	823
USA, Louisiana, New Orleans: Black	3.7	0.9	0.4	0.4	-	0.1	0.4	**52**	57
USA, Louisiana, New Orleans: White	1.6	3.3	-	0.1	-	-	0.2	**102**	105
USA, Louisiana: Black	6.3	1.0	0.2	0.4	0.0	0.0	0.3	**251**	259
USA, Louisiana: White	1.6	3.2	0.1	0.4	-	0.0	0.1	**536**	557
USA, Maine	1.4	4.4	0.1	0.4	-	-	0.2	**303**	312
USA, Massachusetts	1.8	4.6	0.2	0.3	-	0.0	0.2	**1437**	1495

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Oesophagus (C15) - Male (Contd)

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
America, North (Contd)									
USA, Michigan	1.9	3.8	0.1	0.4	0.0	0.0	0.2	**2002**	2086
USA, Michigan, Detroit	2.7	3.1	0.1	0.5	0.0	0.0	0.1	**792**	814
USA, Michigan, Detroit: Black	7.3	0.7	0.1	1.0	-	-	0.3	**206**	217
USA, Michigan, Detroit: White	1.5	3.8	0.1	0.4	0.0	0.0	0.1	**580**	591
USA, Michigan: Black	6.7	0.7	0.1	0.8	-	-	0.5	**265**	280
USA, Michigan: White	1.4	4.2	0.1	0.4	0.0	0.0	0.2	**1722**	1791
USA, Missouri	1.5	3.6	0.1	0.2	0.0	-	0.3	**1019**	1088
USA, Missouri: Black	6.8	1.5	0.1	0.6	-	-	0.5	**119**	130
USA, Missouri: White	1.0	3.8	0.0	0.2	0.0	-	0.3	**897**	955
USA, Montana	1.1	3.5	0.0	0.3	-	0.0	0.0	**162**	173
USA, New Jersey	2.2	3.0	0.1	0.3	-	0.0	0.2	**1574**	1646
USA, New Jersey: Black	7.5	1.1	0.1	0.5	-	0.0	0.3	**249**	259
USA, New Jersey: White	1.6	3.3	0.1	0.3	-	0.0	0.2	**1295**	1355
USA, New Mexico	1.1	2.9	0.1	0.4	0.0	0.0	0.2	**257**	278
USA, New Mexico: American Indian	2.6	-	-	0.3	-	-	0.6	**8**	11
USA, New Mexico: Hispanic White	1.5	1.5	0.1	0.2	-	-	0.1	**57**	61
USA, New Mexico: Non-Hispanic White	0.8	3.9	0.1	0.5	0.0	0.0	0.1	**188**	201
USA, New York state	2.3	2.7	0.1	0.3	0.0	0.0	0.2	**3281**	3517
USA, New York state: Black	6.9	0.7	0.1	0.4	-	-	0.4	**518**	556
USA, New York state: White	1.7	3.1	0.1	0.3	0.0	0.0	0.2	**2668**	2861
USA, NPCR	1.8	3.2	0.1	0.3	0.0	0.0	0.2	**39349**	41538
USA, NPCR: Black	6.9	0.9	0.1	0.5	0.0	0.0	0.4	**4922**	5264
USA, NPCR: White	1.3	3.5	0.1	0.3	0.0	0.0	0.2	**33481**	35284
USA, Ohio	1.6	3.9	0.1	0.4	-	0.0	0.2	**2266**	2412
USA, Ohio: Black	5.8	1.0	-	0.8	-	0.0	0.5	**227**	252
USA, Ohio: White	1.1	4.0	0.1	0.4	-	0.0	0.2	**1970**	2089
USA, Oklahoma	1.3	3.1	0.0	0.2	0.0	-	0.5	**550**	611
USA, Oregon	1.3	3.9	0.1	0.3	0.0	0.0	0.2	**670**	703
USA, Pennsylvania	1.8	4.0	0.1	0.2	0.0	0.0	0.1	**2809**	2875
USA, Pennsylvania: Black	7.7	1.2	0.1	0.4	-	-	0.1	**278**	287
USA, Pennsylvania: White	1.4	4.2	0.1	0.2	0.0	0.0	0.1	**2481**	2534
USA, Rhode Island	1.6	4.5	0.0	0.4	-	-	0.1	**228**	239
USA, SEER (9 registries)	1.9	3.0	0.1	0.3	0.0	0.0	0.1	**4367**	4513
USA, SEER (9 registries): Black	6.4	0.6	0.1	0.7	-	-	0.2	**482**	503
USA, SEER (9 registries): White	1.3	3.5	0.1	0.3	0.0	0.0	0.1	**3599**	3715
USA, SEER (14 registries)	1.8	2.8	0.1	0.3	0.0	0.0	0.1	**11316**	11756
USA, SEER (14 registries): Asian and Pacific Islander	2.2	0.5	0.0	0.1	-	0.0	0.0	**483**	496
USA, SEER (14 registries): Black	6.1	0.9	0.1	0.5	0.0	0.0	0.2	**1328**	1380
USA, SEER (14 registries): Hispanic White	1.6	1.6	0.1	0.2	0.0	0.0	0.1	**697**	721
USA, SEER (14 registries): Non-hispanic White	1.3	3.5	0.1	0.3	0.0	0.0	0.1	**8724**	9070
USA, South Carolina	3.7	2.8	0.1	0.3	-	0.0	0.2	**855**	898
USA, South Carolina: Black	12.2	0.7	0.2	0.8	-	0.1	0.4	**355**	377
USA, South Carolina: White	1.4	3.4	0.1	0.2	-	0.0	0.1	**495**	516
USA, Texas	1.7	2.6	0.1	0.3	0.0	0.0	0.3	**2582**	2800
USA, Texas: Black	5.4	0.8	0.1	0.3	-	0.0	0.6	**317**	352
USA, Texas: White	1.3	2.8	0.1	0.2	0.0	0.0	0.3	**2236**	2410
USA, Utah	0.4	3.1	0.1	0.1	-	0.0	-	**198**	202
USA, Vermont	0.9	4.4	0.1	0.4	-	-	0.3	**114**	124
USA, Washington State	1.4	3.8	0.1	0.3	0.0	0.0	0.1	**1069**	1114
USA, Washington, Seattle	1.6	3.6	0.1	0.4	0.0	0.0	0.1	**722**	748
USA, West Virginia	1.3	3.9	0.1	0.3	-	-	0.1	**398**	415
USA, Wisconsin	1.8	4.3	0.1	0.3	-	0.0	0.4	**1173**	1278
Asia									
Bahrain: Bahraini	2.1	1.4	-	0.3	-	-	0.4	**19**	23
China, Guangzhou City	5.7	0.2	-	3.0	-	-	0.4	**365**	514 *
China, Hong Kong	8.1	0.4	0.1	0.3	0.0	0.0	0.4	**1937**	2030
China, Jiashan	14.6	0.9	-	4.8	-	-	-	**196**	254 *
China, Nangang District, Harbin City	-	-	-	-	-	-	10.3	**181**	230
China, Shanghai	1.1	0.1	0.0	0.0	0.0	-	8.0	**1453**	2291 *
China, Zhongshan	11.6	0.4	0.1	4.3	0.0	0.0	-	**508**	532 *
Cyprus	0.6	0.5	-	-	-	-	0.0	**24**	25 *
India, Chennai (Madras)	6.0	0.4	-	0.3	-	-	2.4	**605**	808
India, Karunagappally	5.0	1.1	-	0.7	-	-	1.5	**56**	69
India, Mumbai (Bombay)	3.7	0.4	0.0	0.1	0.0	-	2.4	**901**	1369
India, Nagpur	7.8	0.1	-	0.1	-	-	0.8	**312**	333 *
India, New Delhi	2.1	0.5	0.0	1.6	-	-	1.4	**804**	1070 *
India, Poona	-	-	-	-	-	-	6.1	**290**	380 *
India, Trivandrum	2.1	0.6	-	0.1	-	-	0.6	**76**	91 *
Israel	0.8	1.0	0.0	0.1	0.0	0.0	0.1	**319**	358
Israel: Jews	0.8	1.0	0.0	0.2	0.0	0.0	0.1	**304**	332
Israel: Non-Jews	0.6	0.3	-	-	-	0.1	0.1	**14**	15
Japan, Aichi Prefecture	4.6	0.4	0.1	0.0	-	-	1.3	**207**	252
Japan, Fukui Prefecture	5.0	0.1	0.1	0.1	-	-	0.8	**220**	246
Japan, Hiroshima	11.1	0.2	0.1	0.5	-	0.1	-	**480**	503
Japan, Miyagi Prefecture	12.5	0.4	0.3	0.1	0.0	0.0	2.0	**1411**	1656
Japan, Nagasaki Prefecture	9.1	0.2	0.3	1.1	-	-	-	**698**	773
Japan, Osaka Prefecture	7.3	0.3	0.2	0.1	0.0	0.0	2.8	**3118**	4084
Japan, Yamagata Prefecture	10.4	0.6	0.1	0.1	-	-	1.8	**777**	892
Korea	6.5	0.3	0.1	0.1	0.0	0.0	1.3	**5843**	6856
Korea, Busan	6.1	0.2	0.1	0.0	0.0	-	1.6	**511**	620
Korea, Daegu	6.6	0.4	0.2	0.1	0.1	0.0	0.8	**361**	397
Korea, Daejeon	4.7	0.2	0.0	0.0	-	-	1.1	**124**	142
Korea, Gwangju	8.3	0.3	0.0	0.3	0.0	-	1.6	**216**	253
Korea, Incheon	4.7	0.3	0.2	0.1	-	0.1	1.1	**236**	280

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type

Oesophagus (C15) - Male (Contd)

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
Asia (Contd)									
Korea, Jejudo	5.0	0.1	0.3	-	0.1	-	1.7	**40**	51
Korea, Seoul	5.5	0.2	0.1	0.1	0.0	0.0	1.2	**1133**	1334
Korea, Ulsan	5.8	0.4	-	0.1	-	-	1.6	**68**	83
Kuwait: Kuwaitis	0.6	0.5	0.1	0.2	-	-	0.8	**13**	20
Kuwait: Non-Kuwaitis	0.5	0.0	-	0.3	-	-	0.6	**10**	14
Malaysia, Penang	1.2	0.7	0.1	0.2	-	-	0.2	**42**	45
Malaysia, Sarawak	1.3	0.4	-	-	-	-	0.4	**62**	72
Oman: Omani	1.6	0.7	-	0.1	-	-	0.1	**38**	41 *
Pakistan, South Karachi	5.3	1.0	-	0.3	-	-	0.0	**166**	174 *
Philippines, Manila	1.4	0.6	0.0	0.3	-	-	0.7	**135**	195 *
Singapore	3.9	0.6	0.1	0.2	0.0	0.0	0.2	**377**	390
Singapore: Chinese	4.6	0.5	0.2	0.2	-	0.0	0.2	**340**	352
Singapore: Indian	2.5	0.6	-	0.1	-	-	0.1	**24**	25
Singapore: Malay	0.2	0.9	-	0.4	0.1	-	-	**13**	13
Thailand, Chiang Mai	1.8	0.1	-	-	-	-	0.3	**76**	84 *
Thailand, Lampang	0.9	0.1	-	0.1	-	0.1	0.4	**25**	34 *
Thailand, Songkhla	6.6	0.1	0.0	-	-	-	1.1	**181**	204
Turkey, Antalya	1.0	0.3	0.0	-	-	-	0.3	**40**	47 *
Turkey, Izmir	1.5	0.4	0.1	0.1	-	-	0.2	**166**	182 *
Europe									
Austria	2.3	1.1	0.1	0.5	0.0	0.0	0.5	**1149**	1297
Austria, Tyrol	2.9	0.7	0.2	0.2	-	-	0.1	**92**	97
Austria, Vorarlberg	2.5	1.5	0.1	0.7	-	-	0.3	**50**	58
Belarus	3.9	0.5	0.0	0.1	0.0	0.0	1.5	**1476**	1742 *
Belgium, Antwerp	2.1	2.7	0.2	0.2	0.0	-	0.1	**355**	362 *
Belgium, Flanders	3.1	2.8	0.1	0.5	0.0	0.0	0.2	**1212**	1274
Bulgaria	0.5	0.3	0.0	0.0	-	-	1.4	**244**	702 *
Croatia	3.1	0.3	0.0	0.5	-	-	1.8	**639**	943
Czech Republic	2.7	1.2	0.1	0.3	0.0	0.0	0.8	**1494**	1780
Denmark	2.5	2.9	0.1	0.3	0.0	0.0	0.3	**1223**	1329
Estonia	4.0	0.2	0.1	0.2	-	-	0.5	**203**	224
Finland *(data not available)*	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	8.8	1.5	0.1	0.4	-	0.0	0.1	**365**	370
France, Calvados	11.8	1.4	0.2	0.4	-	-	0.8	**307**	327
France, Doubs	7.1	1.7	-	0.2	-	-	0.0	**160**	161
France, Haut-Rhin	7.9	1.5	-	0.6	-	0.0	0.0	**252**	253
France, Herault	4.0	1.6	0.1	0.2	-	0.0	0.0	**210**	211
France, Isere	4.9	1.4	0.0	0.3	-	0.0	0.1	**255**	261
France, Loire-Atlantique	9.3	2.9	0.2	0.2	0.0	-	0.1	**501**	503
France, Manche	11.3	1.3	0.1	0.2	-	-	0.2	**267**	268
France, Somme	10.3	2.8	0.2	0.7	-	0.1	0.1	**261**	271
France, Tarn	3.6	1.2	0.1	0.3	-	0.1	0.2	**93**	97
France, Vendee	7.1	2.6	0.1	0.3	-	-	0.2	**234**	237
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	3.3	1.3	0.1	1.9	-	0.0	0.1	**316**	456
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Munich	3.7	1.6	0.0	0.1	-	-	0.5	**500**	553
Germany, Northrhine-Westphalia: Munster	3.7	1.3	0.1	1.7	0.0	-	0.0	**561**	680
Germany, Saarland	4.5	1.6	0.2	0.2	-	-	0.2	**293**	302
Iceland	2.0	3.0	0.1	-	-	0.1	-	**49**	49
Ireland	2.4	4.0	0.1	0.4	-	0.0	0.6	**856**	941
Italy, Biella Province	3.4	1.0	0.1	0.2	-	-	0.1	**40**	42
Italy, Brescia Province	4.9	0.9	0.0	0.2	0.1	-	1.0	**147**	170
Italy, Ferrara Province	2.1	1.4	-	-	0.1	-	0.5	**62**	71
Italy, Florence and Prato	1.2	0.5	-	0.0	-	-	0.4	**103**	134
Italy, Genoa Province	1.4	0.9	0.1	0.3	-	-	0.4	**76**	92
Italy, Macerata Province	0.8	0.3	-	-	-	-	0.2	**11**	12
Italy, Milan	2.2	0.7	-	0.4	0.0	-	0.4	**158**	181
Italy, Modena Province	1.4	0.5	-	0.1	-	0.0	0.1	**58**	62
Italy, Naples	0.9	0.9	-	0.2	-	-	0.4	**30**	36
Italy, North East Cancer Surveillance Network	5.5	1.3	0.0	0.6	0.0	-	0.6	**711**	748
Italy, Parma Province	2.9	0.9	-	0.3	-	-	0.1	**83**	87
Italy, Ragusa Province	0.5	0.1	-	0.1	-	-	0.2	**9**	13
Italy, Reggio Emilia Province	1.3	0.7	-	0.1	-	-	0.4	**47**	53
Italy, Romagna Region	1.1	0.4	0.0	0.1	-	-	0.2	**83**	94
Italy, Salerno Province	0.7	0.6	-	0.1	-	-	0.5	**45**	63
Italy, Sassari Province	2.5	1.1	-	0.1	-	-	0.6	**66**	79
Italy, Sondrio	3.7	1.4	0.1	0.3	-	0.2	1.0	**42**	49
Italy, Syracuse Province	0.6	0.6	-	-	-	-	0.1	**16**	19
Italy, Torino	1.6	0.6	-	0.3	0.0	-	0.4	**114**	133
Italy, Umbria Region	1.2	0.2	0.0	0.2	0.0	0.0	0.4	**76**	95
Italy, Varese Province	3.7	0.7	0.0	0.2	-	-	0.1	**97**	100
Italy, Veneto Region	4.6	0.9	0.1	0.3	0.0	-	0.7	**407**	452
Latvia	3.5	0.5	-	0.2	0.0	-	1.6	**340**	435
Lithuania	4.2	0.6	0.0	0.4	-	-	1.6	**575**	707
Malta	0.8	1.2	-	0.1	-	-	0.7	**31**	39
Norway	1.6	1.4	0.1	0.1	-	0.0	0.1	**578**	600
Poland, Cracow	2.7	0.6	-	0.2	-	-	1.1	**65**	115 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	**-**	-
Poland, Warsaw City	2.4	0.3	0.0	0.3	-	-	0.6	**177**	210
Portugal, Porto	5.7	1.1	0.1	0.4	0.0	-	0.2	**717**	740 *
Portugal, South Regional	3.7	0.7	0.0	0.2	0.0	0.0	0.9	**479**	578
Russia, St Petersburg	4.0	0.6	0.1	1.0	-	-	2.0	**807**	1077

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Oesophagus (C15) - Male (Contd)

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
Europe (Contd)									
Serbia	1.7	0.5	0.0	0.2	-	-	0.6	**419**	549
Slovak Republic	5.6	0.8	0.0	0.3	0.0	0.0	1.5	**1023**	1253
Slovenia	3.9	0.6	0.1	0.3	-	0.0	0.5	**355**	371
Spain, Albacete	1.9	0.5	0.3	0.5	-	-	0.5	**36**	43
Spain, Asturias	5.3	1.0	0.0	0.3	-	0.0	0.4	**286**	311
Spain, Basque Country	6.8	1.1	0.2	0.2	-	0.0	0.4	**543**	576
Spain, Canary Islands	5.4	1.5	0.1	0.5	-	0.0	0.5	**332**	355
Spain, Cuenca	1.8	1.2	-	0.0	-	-	0.4	**30**	36
Spain, Girona	4.7	1.6	-	0.0	-	0.0	0.3	**137**	143
Spain, Granada	1.9	1.2	0.1	0.1	-	0.0	0.3	**93**	103
Spain, Murcia	2.6	1.0	0.1	0.2	-	-	0.2	**140**	148
Spain, Navarra	4.0	0.6	0.1	0.1	0.1	-	0.0	**98**	101
Spain, Tarragona	4.2	0.8	-	0.3	-	-	0.4	**101**	109
Spain, Zaragoza	3.2	0.8	-	0.2	-	-	0.4	**141**	156
Sweden	1.5	1.6	0.0	0.2	0.0	0.0	0.0	**1336**	1345
Switzerland, Geneva	5.1	2.6	0.2	0.2	-	-	0.3	**120**	125
Switzerland, Graubunden and Glarus	3.3	2.8	-	0.4	-	-	0.1	**56**	57
Switzerland, Neuchatel	4.9	1.9	-	-	-	-	0.1	**43**	44
Switzerland, St Gall-Appenzell	2.9	2.1	0.1	0.1	-	-	0.2	**93**	96
Switzerland, Ticino	3.1	2.7	0.1	0.2	-	0.1	0.3	**85**	87
Switzerland, Valais	5.1	1.8	-	-	-	-	0.2	**74**	76
Switzerland, Vaud	5.6	2.7	0.3	0.5	-	-	0.2	**215**	221
The Netherlands	2.5	4.2	0.1	0.3	0.0	0.0	0.1	**4235**	4306
The Netherlands, Eindhoven	2.4	3.6	0.1	0.3	-	-	0.1	**233**	237
The Netherlands, Maastricht	2.4	2.5	0.1	0.5	-	-	0.1	**199**	204
UK, England, East of England Region	1.8	5.0	0.2	0.8	0.0	0.0	0.0	**902**	995
UK, England, Merseyside and Cheshire	2.4	5.8	0.2	1.9	0.0	-	-	**877**	1046
UK, England, North Western	2.7	5.6	0.1	1.5	-	0.0	0.0	**1519**	1708
UK, England, Northern And Yorkshire	2.4	5.0	0.2	0.7	0.0	0.0	0.2	**2148**	2367
UK, England, Oxford Region	1.8	5.5	0.0	0.8	0.0	-	0.0	**807**	861
UK, England, South and Western Regions	1.7	5.2	0.1	0.6	0.0	0.0	1.2	**2322**	2824
UK, England, Thames	2.0	4.8	0.1	1.3	0.0	0.0	0.3	**3861**	4622
UK, England, Trent	2.1	6.0	0.1	1.4	0.0	0.0	0.1	**1803**	2032
UK, England, West Midlands	2.2	5.1	0.1	0.9	-	0.0	0.1	**1767**	1918
UK, Northern Ireland	1.8	4.2	0.1	0.9	0.0	-	0.8	**408**	455
UK, Scotland	3.9	6.6	0.2	0.5	0.0	0.0	0.4	**2240**	2391
Oceania									
Australia, New South Wales	1.8	2.3	0.1	0.4	0.0	0.0	0.1	**1051**	1123
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-
Australia, Queensland	2.2	2.8	0.1	0.3	0.0	0.0	0.0	**639**	682
Australia, South	0.9	3.2	0.8	0.2	-	0.0	0.1	**297**	308
Australia, Tasmania	3.0	3.8	0.2	0.2	0.1	-	0.3	**127**	135
Australia, Victoria	1.6	2.6	0.1	0.2	0.0	0.0	0.4	**782**	856
Australia, Western	1.6	2.9	0.1	0.3	0.0	-	0.1	**312**	326
Australian Capital Territory	1.1	3.2	0.3	0.4	-	-	0.2	**35**	45
French Polynesia	7.5	1.0	-	0.6	-	-	0.2	**38**	39
New Zealand	1.6	2.8	0.1	0.3	-	0.0	0.4	**634**	694
USA, Hawaii	3.2	1.1	0.0	0.1	-	0.0	0.1	**187**	190
USA, Hawaii: Chinese	5.4	-	-	-	-	-	-	**18**	18
USA, Hawaii: Filipino	1.2	0.3	-	0.2	-	-	-	**12**	12
USA, Hawaii: Hawaiian	5.5	1.0	-	0.2	-	0.2	0.3	**32**	33
USA, Hawaii: Japanese	5.1	0.5	0.2	0.1	-	-	0.1	**67**	68
USA, Hawaii: White	1.0	2.7	-	0.1	-	-	0.1	**44**	45

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type

Oesophagus (C15) - Female

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
Africa									
Algeria, Setif	0.0	0.0	-	0.0	-	-	0.0	**3**	4 *
Egypt, Gharbiah	0.6	0.1	-	0.0	-	-	0.1	**36**	41
Tunisia, Centre, Sousse	0.1	0.1	-	-	-	-	-	**2**	2 *
Uganda, Kyadondo County	3.4	0.3	-	0.2	-	-	4.5	**37**	78 *
Zimbabwe, Harare: African	1.8	0.0	0.1	3.2	-	-	0.1	**30**	67 *
America, Central and South									
Argentina, Bahia Blanca	1.2	0.6	-	1.2	-	-	0.1	**29**	36
Brazil, Brasilia	2.4	0.5	0.0	0.2	-	-	0.8	**86**	95
Brazil, Cuiaba	1.6	0.5	0.1	-	-	-	0.6	**15**	19
Brazil, Goiania	1.7	0.2	-	0.3	-	-	0.4	**34**	43
Brazil, Sao Paulo	1.4	0.2	0.0	0.2	-	-	0.5	**466**	621
Chile, Valdivia	3.6	0.2	0.1	0.9	-	-	0.1	**49**	51
Colombia, Cali	1.1	0.1	-	0.1	0.0	-	0.3	**62**	78
Costa Rica	0.3	0.0	0.0	0.0	-	-	0.2	**33**	55
Ecuador, Quito	0.2	0.2	0.0	0.0	-	-	0.3	**15**	24
France, La Martinique	0.7	0.2	-	0.1	-	-	0.1	**16**	17
Peru, Trujillo	0.2	0.2	-	-	-	-	-	**5**	5 *
America, North									
Canada (excluding Quebec, Yukon and Nunavut)	0.8	0.3	0.0	0.1	0.0	0.0	0.1	**1256**	1424
Canada, Alberta	0.7	0.2	0.1	0.1	-	-	0.0	**115**	123
Canada, British Columbia	1.0	0.3	0.0	0.1	0.0	-	0.0	**275**	293
Canada, Manitoba	0.7	0.3	0.0	0.1	-	-	0.0	**60**	68
Canada, New Brunswick	0.5	0.5	-	0.1	-	-	0.0	**39**	43
Canada, Newfoundland and Labrador	0.2	0.1	-	0.1	-	-	-	**12**	12
Canada, Northwest Territories	-	-	-	-	-	-	-	**0**	0
Canada, Nova Scotia	0.7	0.3	0.0	0.1	-	-	0.1	**50**	58
Canada, Ontario	0.8	0.3	0.0	0.1	0.0	0.0	0.2	**643**	759
Canada, Prince Edward Island	0.1	0.5	0.2	-	-	-	-	**6**	6
Canada, Saskatchewan	0.8	0.2	0.1	0.1	-	-	0.1	**56**	62
USA, Alabama	0.8	0.3	0.0	0.0	0.0	-	0.1	**215**	238
USA, Alabama: Black	1.5	0.2	0.1	-	-	-	0.2	**65**	72
USA, Alabama: White	0.6	0.3	0.0	0.0	0.0	-	0.1	**149**	164
USA, Alaska	0.8	0.7	0.1	-	-	-	-	**24**	24
USA, Arizona	0.5	0.4	0.0	0.1	-	0.0	0.0	**223**	243
USA, California	0.7	0.4	0.0	0.1	0.0	0.0	0.0	**1582**	1677
USA, California, Greater San Francisco Bay Area	0.8	0.3	0.0	0.1	-	0.0	0.0	**325**	345
USA, California, Greater San Francisco Bay Area: Black	1.7	0.2	0.0	0.1	-	-	-	**33**	34
USA, California, Greater San Francisco Bay Area: Chinese	0.5	-	0.0	-	-	-	0.0	**10**	10
USA, California, Greater San Francisco Bay Area: Filipino	0.2	0.2	-	0.2	-	0.1	0.1	**9**	10
USA, California, Greater San Francisco Bay Area: Hispanic White	0.4	0.2	-	-	-	-	-	**19**	19
USA, California, Greater San Francisco Bay Area: Japanese	1.3	0.5	-	-	-	-	-	**10**	10
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	0.9	0.3	0.0	0.1	-	-	0.0	**227**	245
USA, California, Los Angeles County	0.7	0.3	0.0	0.1	-	0.0	0.0	**391**	418
USA, California, Los Angeles County: Black	1.6	0.3	-	0.2	-	-	-	**68**	72
USA, California, Los Angeles County: Chinese	0.9	0.0	-	0.1	-	-	0.1	**14**	15
USA, California, Los Angeles County: Filipino	0.3	0.2	-	0.1	-	-	0.1	**7**	8
USA, California, Los Angeles County: Hispanic White	0.2	0.3	0.0	0.1	-	-	0.0	**50**	54
USA, California, Los Angeles County: Japanese	0.8	-	-	-	-	-	-	**6**	6
USA, California, Los Angeles County: Korean	0.1	-	-	-	-	-	-	**1**	1
USA, California, Los Angeles County: Non-Hispanic White	0.7	0.4	0.0	0.1	-	0.0	0.0	**241**	258
USA, California: Asian and Pacific Islander	0.6	0.1	0.0	0.0	-	0.0	0.0	**107**	112
USA, California: Black	1.6	0.2	0.0	0.1	-	-	-	**136**	141
USA, California: Hispanic White	0.4	0.3	0.0	0.1	-	-	0.0	**132**	140
USA, California: Non-hispanic White	0.8	0.4	0.0	0.1	0.0	0.0	0.0	**1196**	1273
USA, Colorado	0.7	0.4	0.0	0.0	0.0	0.0	0.0	**183**	198
USA, Connecticut	1.0	0.6	0.0	0.1	-	-	0.0	**279**	288
USA, Connecticut: Black	3.3	0.2	-	0.3	-	-	-	**34**	36
USA, Connecticut: White	0.8	0.6	0.0	0.1	-	-	0.0	**243**	250
USA, District of Columbia	2.3	0.1	-	0.1	-	-	0.1	**61**	65
USA, District of Columbia: Black	3.0	0.1	-	0.2	-	-	0.1	**54**	58
USA, District of Columbia: White	0.6	0.1	-	-	-	-	0.0	**7**	7
USA, Florida	0.8	0.4	0.0	0.1	0.0	0.0	0.1	**1182**	1288
USA, Florida: Black	1.9	0.3	0.0	0.1	-	-	0.1	**163**	171
USA, Florida: White	0.6	0.4	0.0	0.1	0.0	0.0	0.1	**1009**	1105
USA, Georgia	1.0	0.2	0.0	0.1	0.0	-	0.0	**399**	419
USA, Georgia, Atlanta	1.1	0.2	0.0	0.1	-	-	0.0	**124**	129
USA, Georgia, Atlanta: Black	2.3	0.1	-	0.1	-	-	0.0	**59**	62
USA, Georgia, Atlanta: White	0.6	0.2	0.0	0.1	-	-	-	**61**	62
USA, Georgia: Black	2.7	0.2	0.0	0.1	-	-	0.0	**186**	198
USA, Georgia: White	0.5	0.2	0.0	0.1	0.0	-	0.0	**208**	215
USA, Idaho	0.7	0.5	0.0	-	-	-	0.0	**59**	62
USA, Illinois	0.9	0.5	0.0	0.1	0.0	0.0	0.0	**765**	800
USA, Illinois: Black	2.3	0.2	0.0	0.2	0.0	0.0	0.0	**163**	168
USA, Illinois: White	0.6	0.5	0.0	0.1	0.0	0.0	0.0	**586**	616
USA, Indiana	0.7	0.5	0.0	0.1	-	-	0.0	**335**	350
USA, Iowa	0.6	0.4	0.0	0.0	0.0	0.0	0.1	**162**	180
USA, Kentucky	0.5	0.4	0.0	0.1	-	0.0	0.0	**192**	205
USA, Louisiana	1.0	0.3	0.0	0.0	0.0	0.0	0.0	**241**	254
USA, Louisiana, New Orleans: Black	1.4	0.0	-	0.0	-	-	-	**18**	19
USA, Louisiana, New Orleans: White	0.8	0.3	-	0.1	0.0	-	0.1	**32**	38
USA, Louisiana: Black	1.7	0.1	0.1	0.1	-	-	-	**81**	82
USA, Louisiana: White	0.7	0.4	0.0	0.0	0.0	0.0	0.0	**159**	171
USA, Maine	0.7	0.4	0.0	0.1	-	-	0.0	**85**	93
USA, Massachusetts	0.8	0.6	0.0	0.0	-	-	0.1	**470**	501

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type

Oesophagus (C15) - Female (Contd)

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
America, North (Contd)									
USA, Michigan	0.7	0.5	0.0	0.1	-	-	0.1	**551**	600
USA, Michigan, Detroit	0.9	0.3	0.0	0.2	-	-	0.0	**248**	264
USA, Michigan, Detroit: Black	2.1	0.2	0.0	0.3	-	-	0.0	**87**	90
USA, Michigan, Detroit: White	0.6	0.4	0.0	0.1	-	-	0.0	**161**	174
USA, Michigan: Black	1.9	0.2	0.0	0.3	-	-	0.1	**106**	110
USA, Michigan: White	0.5	0.5	0.0	0.1	-	-	0.1	**442**	487
USA, Missouri	0.6	0.4	0.0	0.0	-	0.0	0.1	**279**	312
USA, Missouri: Black	2.2	0.3	0.1	-	-	-	0.2	**49**	54
USA, Missouri: White	0.4	0.5	0.0	0.1	-	0.0	0.1	**228**	255
USA, Montana	0.4	0.5	-	0.0	0.0	-	0.0	**41**	46
USA, New Jersey	0.9	0.5	0.1	0.1	0.0	0.0	0.0	**591**	613
USA, New Jersey: Black	2.1	0.3	0.1	0.1	-	-	0.1	**96**	100
USA, New Jersey: White	0.7	0.5	0.0	0.1	0.0	0.0	0.0	**482**	499
USA, New Mexico	0.3	0.2	0.0	0.1	-	-	0.0	**46**	51
USA, New Mexico: American Indian	-	0.1	-	-	-	-	-	**1**	1
USA, New Mexico: Hispanic White	0.2	0.0	-	0.0	-	-	-	**9**	9
USA, New Mexico: Non-Hispanic White	0.4	0.3	0.0	0.1	-	-	0.0	**34**	39
USA, New York state	0.9	0.4	0.0	0.1	0.0	0.0	0.0	**1267**	1382
USA, New York state: Black	2.5	0.2	0.0	0.2	0.0	-	0.0	**291**	309
USA, New York state: White	0.7	0.5	0.0	0.1	0.0	0.0	0.0	**947**	1043
USA, NPCR	0.7	0.4	0.0	0.1	0.0	0.0	0.1	**12480**	13450
USA, NPCR: Black	2.0	0.2	0.0	0.1	0.0	0.0	0.1	**1989**	2101
USA, NPCR: White	0.6	0.5	0.0	0.1	0.0	0.0	0.0	**10162**	10997
USA, Ohio	0.6	0.6	0.0	0.1	0.0	-	0.1	**709**	771
USA, Ohio: Black	1.8	0.2	0.0	0.1	-	-	0.2	**99**	110
USA, Ohio: White	0.5	0.6	0.0	0.1	0.0	-	0.1	**580**	631
USA, Oklahoma	0.4	0.4	0.0	0.0	-	0.0	0.1	**127**	150
USA, Oregon	0.6	0.6	0.0	0.1	-	0.0	0.0	**205**	224
USA, Pennsylvania	0.7	0.5	0.0	0.1	0.0	0.0	0.0	**827**	870
USA, Pennsylvania: Black	2.6	0.3	0.1	0.1	0.0	-	0.0	**131**	134
USA, Pennsylvania: White	0.5	0.5	0.0	0.1	0.0	0.0	0.0	**686**	723
USA, Rhode Island	0.7	0.6	0.0	0.0	-	-	0.0	**79**	82
USA, SEER (9 registries)	0.8	0.4	0.0	0.1	0.0	0.0	0.0	**1376**	1470
USA, SEER (9 registries): Black	2.1	0.2	0.0	0.2	-	-	0.0	**221**	229
USA, SEER (9 registries): White	0.6	0.4	0.0	0.1	0.0	0.0	0.0	**1075**	1158
USA, SEER (14 registries)	0.8	0.4	0.0	0.1	0.0	0.0	0.0	**3774**	3998
USA, SEER (14 registries): Asian and Pacific Islander	0.6	0.1	0.0	0.0	-	0.0	0.0	**161**	169
USA, SEER (14 registries): Black	1.9	0.2	0.0	0.1	-	-	0.0	**526**	544
USA, SEER (14 registries): Hispanic White	0.4	0.3	0.0	0.1	-	0.0	0.0	**192**	202
USA, SEER (14 registries): Non-hispanic White	0.7	0.4	0.0	0.1	0.0	0.0	0.0	**2873**	3061
USA, South Carolina	1.0	0.3	0.0	0.1	0.0	-	0.0	**228**	244
USA, South Carolina: Black	2.0	0.1	0.0	0.2	-	-	0.1	**87**	97
USA, South Carolina: White	0.6	0.4	0.0	0.1	0.0	-	0.0	**139**	145
USA, Texas	0.6	0.3	0.0	0.1	0.0	0.0	0.1	**747**	854
USA, Texas: Black	1.6	0.2	-	0.1	-	-	0.1	**122**	133
USA, Texas: White	0.5	0.3	0.0	0.1	0.0	0.0	0.1	**610**	704
USA, Utah	0.3	0.3	0.0	0.0	-	0.0	-	**43**	45
USA, Vermont	0.4	0.9	0.1	0.1	-	-	0.1	**41**	46
USA, Washington State	0.7	0.5	0.0	0.1	-	0.0	0.0	**306**	338
USA, Washington, Seattle	0.7	0.5	0.0	0.1	-	0.0	0.0	**207**	230
USA, West Virginia	0.5	0.5	0.0	0.1	0.0	-	0.0	**111**	117
USA, Wisconsin	0.7	0.5	0.0	0.1	-	-	0.1	**322**	352
Asia									
Bahrain: Bahraini	1.4	-	-	0.4	-	-	-	**10**	10
China, Guangzhou City	1.1	0.0	-	0.6	0.0	-	0.1	**85**	120 *
China, Hong Kong	1.3	0.1	0.1	0.1	0.0	0.0	0.1	**428**	455
China, Jiashan	4.0	0.3	-	0.6	-	-	-	**59**	70 *
China, Nangang District, Harbin City	-	-	-	-	-	-	1.7	**31**	43
China, Shanghai	0.3	0.0	0.0	0.0	0.0	-	2.6	**538**	965 *
China, Zhongshan	1.3	0.1	-	0.4	-	0.0	-	**57**	60 *
Cyprus	0.2	0.1	-	-	-	-	-	**7**	7 *
India, Chennai (Madras)	4.0	0.2	0.0	0.1	-	-	1.1	**378**	479
India, Karunagappally	1.6	0.1	-	0.1	-	-	0.2	**17**	19
India, Mumbai (Bombay)	2.8	0.2	0.0	0.1	0.0	-	1.5	**620**	905
India, Nagpur	5.0	-	-	-	-	-	0.6	**199**	214 *
India, New Delhi	1.6	0.2	0.0	1.1	-	-	0.8	**461**	598 *
India, Poona	-	-	-	-	-	-	5.0	**211**	295 *
India, Trivandrum	0.6	0.2	-	0.1	-	-	0.1	**26**	28 *
Israel	0.5	0.2	0.0	0.1	-	-	0.1	**195**	228
Israel: Jews	0.6	0.2	0.0	0.1	-	-	0.1	**189**	221
Israel: Non-Jews	0.2	0.1	-	-	-	-	0.1	**6**	7
Japan, Aichi Prefecture	0.5	0.1	0.0	-	-	-	0.2	**24**	37
Japan, Fukui Prefecture	0.8	0.1	0.0	-	-	-	0.2	**50**	61
Japan, Hiroshima	1.8	0.0	0.1	0.1	-	-	-	**98**	106
Japan, Miyagi Prefecture	1.8	0.0	0.1	0.0	0.0	-	0.3	**260**	327
Japan, Nagasaki Prefecture	1.0	0.0	0.0	0.1	-	-	-	**105**	123
Japan, Osaka Prefecture	1.1	0.0	0.0	0.0	0.0	0.0	0.5	**585**	823
Japan, Yamagata Prefecture	1.2	0.1	-	-	-	0.0	0.3	**114**	150
Korea	0.3	0.0	0.0	0.0	0.0	-	0.2	**437**	662
Korea, Busan	0.3	0.1	0.0	0.0	-	-	0.3	**48**	75
Korea, Daegu	0.5	0.1	-	0.0	-	-	0.2	**39**	49
Korea, Daejeon	0.3	0.0	0.0	-	-	-	0.1	**12**	16
Korea, Gwangju	0.4	0.1	-	0.1	-	-	0.2	**23**	29
Korea, Incheon	0.4	-	-	-	0.0	-	0.2	**27**	41

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type

Oesophagus (C15) - Female (Contd)

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
Asia (Contd)									
Korea, Jejudo	0.2	0.1	-	-	-	-	0.2	**4**	7
Korea, Seoul	0.4	0.0	0.0	0.0	0.0	0.0	0.2	**111**	154
Korea, Ulsan	0.3	-	-	0.1	-	-	0.2	**8**	12
Kuwait: Kuwaitis	1.3	-	0.1	-	-	-	0.2	**14**	16
Kuwait: Non-Kuwaitis	0.1	-	-	0.0	-	-	0.3	**1**	3
Malaysia, Penang	1.2	0.2	-	0.0	-	-	0.3	**36**	39
Malaysia, Sarawak	1.1	0.3	-	-	-	-	0.3	**49**	55
Oman: Omani	1.6	0.5	-	0.2	-	0.1	0.3	**35**	41 *
Pakistan, South Karachi	7.5	0.3	-	0.5	-	-	0.3	**141**	166 *
Philippines, Manila	0.3	0.1	0.0	0.1	-	-	0.2	**36**	61 *
Singapore	0.8	0.2	0.0	0.1	0.0	-	0.1	**103**	110
Singapore: Chinese	0.8	0.1	0.0	0.1	0.0	-	0.1	**87**	94
Singapore: Indian	2.3	0.2	-	-	-	-	-	**11**	11
Singapore: Malay	0.3	0.2	-	-	-	-	-	**5**	5
Thailand, Chiang Mai	0.4	0.0	-	-	-	0.0	0.3	**20**	31 *
Thailand, Lampang	0.3	-	-	-	-	-	0.3	**7**	16 *
Thailand, Songkhla	1.2	0.1	0.0	-	-	-	0.2	**42**	49
Turkey, Antalya	0.3	0.2	-	-	-	-	0.1	**17**	18 *
Turkey, Izmir	0.9	0.1	0.0	0.0	-	-	0.1	**89**	95 *
Europe									
Austria	0.4	0.2	0.0	0.1	0.0	-	0.1	**276**	340
Austria, Tyrol	0.6	0.1	0.1	0.1	-	-	0.1	**22**	27
Austria, Vorarlberg	0.5	0.1	-	-	-	-	-	**11**	11
Belarus	0.2	0.1	0.0	0.0	0.0	-	0.1	**155**	209 *
Belgium, Antwerp	0.7	0.4	0.0	0.0	0.0	0.0	-	**108**	108 *
Belgium, Flanders	0.8	0.4	0.0	0.1	-	0.0	0.0	**343**	373
Bulgaria	0.1	0.1	0.0	0.0	-	-	0.3	**55**	205 *
Croatia	0.4	0.1	0.0	0.1	-	-	0.3	**126**	213
Czech Republic	0.3	0.1	0.0	0.0	0.0	0.0	0.1	**241**	319
Denmark	1.1	0.5	0.0	0.1	0.0	0.0	0.1	**468**	518
Estonia	0.4	0.0	-	0.0	-	-	0.1	**41**	48
Finland *(data not available)*	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	0.7	0.1	0.0	0.0	-	-	0.0	**36**	38
France, Calvados	1.3	0.3	0.0	0.2	-	-	0.2	**71**	78
France, Doubs	0.7	0.1	-	-	-	-	-	**18**	18
France, Haut-Rhin	1.2	0.1	-	0.0	-	-	0.0	**52**	53
France, Herault	1.0	0.1	0.0	0.0	-	-	0.0	**56**	58
France, Isere	0.9	0.1	-	0.0	-	-	0.0	**48**	51
France, Loire-Atlantique	1.3	0.3	0.0	0.0	-	0.0	-	**93**	93
France, Manche	1.5	0.1	-	0.0	-	-	-	**43**	43
France, Somme	1.1	0.2	0.1	0.0	-	0.0	0.1	**39**	42
France, Tarn	0.4	0.3	-	0.0	-	-	0.0	**18**	20
France, Vendee	0.7	0.2	-	0.1	-	-	0.0	**32**	33
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	1.0	0.2	0.0	0.5	-	-	0.0	**113**	172
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Munich	0.9	0.2	-	-	-	-	0.1	**124**	147
Germany, Northrhine-Westphalia: Munster	1.0	0.2	0.0	0.3	0.0	0.0	-	**172**	206
Germany, Saarland	1.0	0.3	0.0	0.0	-	-	0.1	**81**	85
Iceland	0.3	0.6	0.2	-	-	0.1	-	**16**	16
Ireland	2.1	0.8	0.1	0.1	0.0	-	0.4	**507**	597
Italy, Biella Province	0.9	0.2	-	-	-	0.0	0.0	**17**	19
Italy, Brescia Province	0.9	0.1	-	0.1	-	-	0.2	**29**	40
Italy, Ferrara Province	0.4	0.2	-	0.0	-	-	0.1	**17**	20
Italy, Florence and Prato	0.3	0.0	-	0.1	-	-	0.1	**38**	54
Italy, Genoa Province	0.4	0.1	0.0	0.0	-	-	0.2	**25**	37
Italy, Macerata Province	0.1	0.0	-	-	-	-	0.1	**3**	5
Italy, Milan	0.5	0.1	-	0.1	0.0	-	0.1	**67**	81
Italy, Modena Province	0.3	0.1	-	0.1	-	-	0.1	**22**	27
Italy, Naples	0.1	0.3	0.0	0.1	-	0.1	0.1	**10**	13
Italy, North East Cancer Surveillance Network	1.0	0.1	0.0	0.1	-	-	0.1	**178**	198
Italy, Parma Province	1.0	0.1	-	0.1	-	-	0.2	**30**	37
Italy, Ragusa Province	0.1	-	-	0.0	-	-	0.0	**3**	4
Italy, Reggio Emilia Province	0.3	0.1	-	-	-	-	0.1	**16**	19
Italy, Romagna Region	0.3	0.1	-	0.0	-	-	0.0	**30**	35
Italy, Salerno Province	0.1	0.0	-	0.0	-	-	0.2	**7**	16
Italy, Sassari Province	0.2	0.1	-	0.1	-	-	0.0	**11**	12
Italy, Sondrio	0.7	0.3	-	0.3	-	-	0.1	**11**	14
Italy, Syracuse Province	0.3	0.1	-	0.1	-	-	0.0	**5**	6
Italy, Torino	0.5	0.1	0.0	0.1	-	-	0.0	**49**	54
Italy, Umbria Region	0.3	0.0	-	0.0	-	-	0.1	**20**	29
Italy, Varese Province	0.5	0.0	-	-	-	-	0.1	**20**	27
Italy, Veneto Region	0.9	0.2	0.0	0.1	-	0.0	0.2	**117**	144
Latvia	0.2	0.1	-	0.0	0.0	-	0.2	**41**	76
Lithuania	0.3	0.1	-	0.0	-	-	0.2	**73**	103
Malta	0.2	0.2	-	-	-	-	0.1	**9**	11
Norway	0.6	0.3	0.0	0.0	0.0	-	0.0	**241**	252
Poland, Cracow	0.4	0.1	-	0.1	-	-	0.3	**13**	30 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	-
Poland, Warsaw City	0.4	0.1	0.0	0.0	-	-	0.1	**46**	63
Portugal, Porto	0.9	0.2	0.0	0.0	-	-	0.0	**197**	203 *
Portugal, South Regional	0.3	0.1	0.0	0.0	-	-	0.2	**74**	106
Russia, St Petersburg	0.6	0.1	0.0	0.2	-	0.0	0.5	**272**	446

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Oesophagus (C15) - Female (Contd)

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
Europe (Contd)									
Serbia	0.4	0.1	0.0	0.1	-	-	0.1	**135**	165
Slovak Republic	0.3	0.1	0.0	0.0	-	-	0.1	**95**	128
Slovenia	0.5	0.2	0.0	0.1	-	0.0	0.1	**85**	93
Spain, Albacete	0.1	0.0	0.0	-	-	-	-	**5**	5
Spain, Asturias	0.3	0.2	-	-	-	-	0.1	**32**	40
Spain, Basque Country	0.6	0.1	0.0	0.0	0.0	-	0.1	**66**	75
Spain, Canary Islands	0.5	0.2	-	0.1	-	-	0.1	**43**	55
Spain, Cuenca	0.1	0.2	-	-	-	-	0.0	**3**	4
Spain, Girona	0.5	0.2	0.0	0.0	-	-	0.2	**21**	25
Spain, Granada	0.2	0.1	-	0.0	-	-	0.1	**14**	20
Spain, Murcia	0.2	0.1	0.0	-	-	0.0	0.0	**22**	24
Spain, Navarra	0.4	0.0	0.0	-	-	-	0.2	**14**	20
Spain, Tarragona	0.3	0.1	-	-	-	-	0.1	**7**	12
Spain, Zaragoza	0.2	0.1	-	0.1	-	-	0.1	**15**	20
Sweden	0.8	0.3	0.0	0.0	0.0	0.0	0.0	**591**	596
Switzerland, Geneva	1.9	0.3	0.1	-	-	-	0.1	**53**	55
Switzerland, Graubunden and Glarus	0.8	0.2	-	0.1	-	-	0.0	**12**	13
Switzerland, Neuchatel	1.5	0.1	-	-	-	-	-	**15**	15
Switzerland, St Gall-Appenzell	0.4	0.2	-	0.0	-	-	-	**17**	17
Switzerland, Ticino	0.9	0.5	-	0.0	-	-	0.1	**21**	27
Switzerland, Valais	1.1	0.1	0.0	0.1	-	-	0.1	**18**	20
Switzerland, Vaud	1.5	0.3	0.0	0.2	0.0	-	0.0	**68**	69
The Netherlands	1.3	0.8	0.1	0.1	0.0	0.0	0.0	**1761**	1796
The Netherlands, Eindhoven	1.0	0.8	0.0	0.1	-	-	0.0	**84**	85
The Netherlands, Maastricht	0.8	0.5	0.1	0.1	-	-	0.0	**60**	61
UK, England, East of England Region	1.8	1.0	0.0	0.4	-	0.0	0.0	**524**	602
UK, England, Merseyside and Cheshire	2.3	1.3	0.1	0.8	-	-	0.0	**568**	692
UK, England, North Western	2.0	1.0	0.1	0.7	-	-	0.0	**829**	992
UK, England, Northern And Yorkshire	2.0	1.1	0.1	0.3	0.0	-	0.1	**1338**	1525
UK, England, Oxford Region	1.8	1.0	0.1	0.4	-	-	-	**421**	483
UK, England, South and Western Regions	1.7	1.0	0.1	0.3	-	0.0	0.5	**1373**	1791
UK, England, Thames	1.6	1.0	0.1	0.6	0.0	0.0	0.2	**2238**	2878
UK, England, Trent	2.0	1.0	0.1	0.6	0.0	-	0.0	**1005**	1176
UK, England, West Midlands	2.4	1.0	0.1	0.5	0.0	0.0	0.1	**1190**	1347
UK, Northern Ireland	1.6	1.2	0.1	0.3	-	-	0.3	**266**	304
UK, Scotland	2.6	1.6	0.2	0.3	0.0	0.0	0.1	**1392**	1524
Oceania									
Australia, New South Wales	1.4	0.4	0.0	0.2	0.0	0.0	0.0	**604**	664
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-
Australia, Queensland	1.4	0.3	0.0	0.1	-	0.0	0.0	**266**	293
Australia, South	1.0	0.5	0.5	0.1	-	-	0.1	**152**	161
Australia, Tasmania	1.6	0.3	0.0	0.1	-	-	0.2	**53**	59
Australia, Victoria	1.2	0.4	0.1	0.1	0.0	0.0	0.2	**419**	484
Australia, Western	1.3	0.5	0.0	0.2	-	-	0.0	**148**	158
Australian Capital Territory	0.9	1.2	-	0.2	-	-	0.1	**20**	25
French Polynesia	0.8	0.3	-	-	-	-	-	**4**	4
New Zealand	1.1	0.4	0.1	0.1	0.0	-	0.2	**321**	370
USA, Hawaii	0.6	0.2	-	0.0	-	-	0.0	**40**	43
USA, Hawaii: Chinese	-	-	-	-	-	-	-	**0**	0
USA, Hawaii: Filipino	0.7	0.2	-	-	-	-	-	**7**	7
USA, Hawaii: Hawaiian	1.8	-	-	-	-	-	-	**9**	9
USA, Hawaii: Japanese	0.5	0.2	-	-	-	-	-	**8**	9
USA, Hawaii: White	0.6	0.3	-	0.1	-	-	0.1	**15**	17

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Anus (C21) - Male

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
Africa									
Algeria, Setif	0.0	-	-	-	0.0	-	-	**2**	2 *
Egypt, Gharbiah	0.1	0.3	0.1	-	0.1	-	0.0	**22**	23
Tunisia, Centre, Sousse	0.3	-	-	-	-	-	-	**3**	3 *
Uganda, Kyadondo County	-	-	-	-	-	-	0.2	**0**	2 *
Zimbabwe, Harare: African	0.1	0.1	-	-	-	-	-	**4**	4 *
America, Central and South									
Argentina, Bahia Blanca	-	-	-	0.2	-	-	-	**2**	2
Brazil, Brasilia	0.2	0.4	-	0.1	-	-	0.3	**17**	19
Brazil, Cuiaba	0.5	-	-	-	-	-	0.1	**4**	4
Brazil, Goiania	0.1	0.0	-	-	-	-	-	**2**	2
Brazil, Sao Paulo	0.3	0.2	0.0	0.0	-	0.0	0.2	**124**	169
Chile, Valdivia	-	0.5	-	-	-	-	-	**4**	4
Colombia, Cali	0.3	0.2	-	0.0	-	-	0.1	**17**	19
Costa Rica	0.1	0.2	-	-	-	-	0.0	**23**	24
Ecuador, Quito	0.1	0.1	0.0	-	-	-	-	**7**	7
France, La Martinique	0.2	0.2	-	-	-	-	-	**5**	5
Peru, Trujillo	0.4	-	0.1	-	-	-	-	**4**	4 *
America, North									
Canada (excluding Quebec, Yukon and Nunavut)	0.4	0.5	0.0	0.0	0.0	0.0	0.0	**736**	778
Canada, Alberta	0.3	0.1	0.0	0.0	0.0	-	-	**46**	47
Canada, British Columbia	0.5	0.2	-	0.0	-	0.0	-	**102**	103
Canada, Manitoba	0.4	0.3	-	-	-	-	0.0	**24**	25
Canada, New Brunswick	0.6	0.5	-	-	-	-	-	**28**	28
Canada, Newfoundland and Labrador	0.2	0.1	-	-	-	-	-	**5**	5
Canada, Northwest Territories	-	-	-	-	-	-	-	**0**	0
Canada, Nova Scotia	0.4	0.3	-	0.0	0.0	-	-	**27**	27
Canada, Ontario	0.4	0.8	0.0	0.0	0.0	-	0.1	**487**	526
Canada, Prince Edward Island	0.1	0.2	-	-	-	-	-	**2**	2
Canada, Saskatchewan	0.2	0.1	-	0.0	-	-	-	**15**	15
USA, Alabama	0.4	0.2	0.0	0.0	-	-	-	**90**	91
USA, Alabama: Black	0.6	0.2	0.0	0.1	-	-	-	**22**	22
USA, Alabama: White	0.4	0.2	-	0.0	-	-	-	**65**	66
USA, Alaska	0.3	-	-	-	-	-	-	**6**	6
USA, Arizona	0.5	0.2	-	0.0	0.0	-	0.0	**127**	127
USA, California	0.8	0.2	0.0	0.0	0.0	-	-	**1001**	1008
USA, California, Greater San Francisco Bay Area	1.0	0.2	0.0	0.0	0.0	-	-	**245**	247
USA, California, Greater San Francisco Bay Area: Black	1.8	0.1	0.1	-	-	-	-	**29**	29
USA, California, Greater San Francisco Bay Area: Chinese	-	0.2	0.1	-	0.1	-	-	**5**	5
USA, California, Greater San Francisco Bay Area: Filipino	0.3	0.2	-	-	-	-	-	**5**	5
USA, California, Greater San Francisco Bay Area: Hispanic White	0.6	0.3	0.0	-	0.0	-	-	**24**	24
USA, California, Greater San Francisco Bay Area: Japanese	-	0.3	-	-	-	-	-	**1**	1
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	1.2	0.2	0.0	0.0	-	-	-	**170**	172
USA, California, Los Angeles County	0.7	0.2	0.0	0.0	0.0	-	-	**260**	261
USA, California, Los Angeles County: Black	1.1	0.3	0.0	-	-	-	-	**39**	39
USA, California, Los Angeles County: Chinese	-	0.2	-	-	0.1	-	-	**3**	3
USA, California, Los Angeles County: Filipino	0.1	0.1	-	-	-	-	-	**2**	2
USA, California, Los Angeles County: Hispanic White	0.3	0.2	0.0	0.0	-	-	-	**41**	42
USA, California, Los Angeles County: Japanese	-	-	0.3	-	-	-	-	**1**	1
USA, California, Los Angeles County: Korean	-	0.2	-	-	-	-	-	**1**	1
USA, California, Los Angeles County: Non-Hispanic White	1.1	0.2	0.0	0.0	0.0	-	-	**169**	169
USA, California: Asian and Pacific Islander	0.1	0.1	0.0	-	0.0	-	-	**29**	29
USA, California: Black	1.0	0.3	0.1	-	-	-	-	**80**	80
USA, California: Hispanic White	0.4	0.2	0.0	0.0	0.0	-	-	**116**	117
USA, California: Non-hispanic White	1.0	0.2	0.0	0.0	0.0	-	-	**753**	759
USA, Colorado	0.5	0.1	0.0	-	0.0	-	0.0	**94**	95
USA, Connecticut	0.5	0.1	0.0	0.0	0.0	-	0.0	**78**	79
USA, Connecticut: Black	1.2	0.1	0.1	-	-	-	-	**11**	11
USA, Connecticut: White	0.5	0.1	0.0	0.0	0.0	-	0.0	**65**	66
USA, District of Columbia	2.0	0.5	-	0.1	-	-	0.1	**43**	43
USA, District of Columbia: Black	2.1	0.6	-	0.1	-	-	0.1	**29**	29
USA, District of Columbia: White	2.0	0.4	-	-	-	-	-	**13**	13
USA, Florida	0.8	0.2	0.0	0.0	0.0	0.0	0.0	**609**	617
USA, Florida: Black	0.9	0.2	0.1	0.0	-	-	0.0	**73**	73
USA, Florida: White	0.8	0.2	0.0	0.0	0.0	0.0	0.0	**526**	534
USA, Georgia	0.7	0.2	0.0	0.0	0.0	-	0.0	**208**	210
USA, Georgia, Atlanta	1.1	0.2	0.0	0.0	0.0	-	-	**98**	98
USA, Georgia, Atlanta: Black	1.1	0.2	-	-	-	-	-	**30**	30
USA, Georgia, Atlanta: White	1.1	0.2	0.0	0.0	0.0	-	-	**68**	68
USA, Georgia: Black	0.6	0.3	-	0.0	0.0	-	0.0	**48**	49
USA, Georgia: White	0.7	0.1	0.0	0.0	0.0	-	-	**159**	160
USA, Idaho	0.4	0.2	-	-	0.0	-	-	**24**	24
USA, Illinois	0.6	0.2	0.0	0.0	0.0	0.0	0.0	**301**	303
USA, Illinois: Black	0.9	0.2	-	0.1	-	-	0.0	**54**	55
USA, Illinois: White	0.5	0.2	0.0	0.0	0.0	0.0	0.0	**240**	241
USA, Indiana	0.6	0.2	0.0	-	0.0	-	0.0	**153**	153
USA, Iowa	0.4	0.1	0.0	-	-	-	0.0	**51**	51
USA, Kentucky	0.5	0.2	0.0	-	-	-	-	**92**	94
USA, Louisiana	0.7	0.2	0.0	0.0	0.0	-	-	**118**	118
USA, Louisiana, New Orleans: Black	0.5	0.5	-	-	-	-	-	**10**	10
USA, Louisiana, New Orleans: White	1.6	0.3	0.1	0.1	-	-	-	**38**	38
USA, Louisiana: Black	0.4	0.2	-	-	-	-	-	**21**	21
USA, Louisiana: White	0.7	0.2	0.0	0.0	0.0	-	-	**95**	95
USA, Maine	0.8	0.2	0.0	-	0.1	-	-	**49**	50
USA, Massachusetts	0.7	0.2	0.0	0.0	0.0	-	0.0	**191**	193

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Anus (C21) - Male (Contd)

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
America, North (Contd)									
USA, Michigan	0.4	0.2	0.0	0.0	0.0	-	0.0	**215**	217
USA, Michigan, Detroit	0.5	0.3	0.0	-	-	-	0.0	**101**	101
USA, Michigan, Detroit: Black	0.6	0.2	0.1	-	-	-	0.0	**26**	26
USA, Michigan, Detroit: White	0.5	0.3	0.0	-	-	-	-	**74**	74
USA, Michigan: Black	0.5	0.2	0.1	-	-	-	0.0	**31**	32
USA, Michigan: White	0.4	0.2	0.0	0.0	0.0	-	0.0	**181**	182
USA, Missouri	0.6	0.1	0.0	0.0	0.0	-	0.0	**127**	130
USA, Missouri: Black	0.7	0.2	-	-	-	-	-	**15**	15
USA, Missouri: White	0.6	0.1	0.0	0.0	0.0	-	0.0	**111**	114
USA, Montana	0.4	0.2	-	0.0	0.0	-	-	**21**	22
USA, New Jersey	0.6	0.1	0.0	0.0	0.0	-	-	**197**	198
USA, New Jersey: Black	1.0	0.2	0.0	0.1	0.1	-	-	**42**	43
USA, New Jersey: White	0.5	0.1	0.0	0.0	-	-	-	**154**	154
USA, New Mexico	0.7	0.2	0.0	0.0	0.0	-	-	**52**	53
USA, New Mexico: American Indian	0.3	0.4	-	-	0.2	-	-	**3**	3
USA, New Mexico: Hispanic White	0.4	0.2	0.0	-	0.1	-	-	**12**	12
USA, New Mexico: Non-Hispanic White	0.9	0.1	-	0.0	-	-	-	**37**	38
USA, New York state	0.7	0.2	0.0	0.0	0.0	0.0	0.0	**569**	579
USA, New York state: Black	1.0	0.2	0.0	0.0	0.0	-	-	**92**	92
USA, New York state: White	0.7	0.2	0.0	0.0	0.0	0.0	0.0	**470**	479
USA, NPCR	0.6	0.2	0.0	0.0	0.0	0.0	0.0	**5932**	5995
USA, NPCR: Black	0.7	0.2	0.0	0.0	0.0	-	0.0	**701**	706
USA, NPCR: White	0.6	0.2	0.0	0.0	0.0	0.0	0.0	**5055**	5112
USA, Ohio	0.5	0.2	0.0	0.0	-	0.0	0.0	**252**	256
USA, Ohio: Black	0.5	0.2	0.1	0.0	-	-	-	**29**	30
USA, Ohio: White	0.5	0.2	0.0	0.0	-	0.0	0.0	**217**	220
USA, Oklahoma	0.5	0.2	-	0.0	0.0	-	0.0	**77**	78
USA, Oregon	0.7	0.2	0.0	0.0	0.0	-	0.0	**113**	117
USA, Pennsylvania	0.5	0.1	0.0	0.0	0.0	-	0.0	**296**	300
USA, Pennsylvania: Black	0.8	0.2	-	-	-	-	-	**31**	31
USA, Pennsylvania: White	0.5	0.1	0.0	0.0	0.0	-	0.0	**258**	262
USA, Rhode Island	0.7	0.1	-	-	-	-	-	**29**	29
USA, SEER (9 registries)	0.7	0.2	0.0	0.0	0.0	-	0.0	**735**	738
USA, SEER (9 registries): Black	1.1	0.2	0.1	0.0	-	-	0.0	**103**	103
USA, SEER (9 registries): White	0.7	0.2	0.0	0.0	0.0	-	0.0	**595**	598
USA, SEER (14 registries)	0.7	0.2	0.0	0.0	0.0	-	0.0	**1942**	1954
USA, SEER (14 registries): Asian and Pacific Islander	0.1	0.1	0.0	0.0	0.0	-	-	**45**	45
USA, SEER (14 registries): Black	0.8	0.2	0.0	0.0	0.0	-	0.0	**226**	227
USA, SEER (14 registries): Hispanic White	0.4	0.2	0.0	0.0	0.0	-	0.0	**152**	153
USA, SEER (14 registries): Non-hispanic White	0.7	0.2	0.0	0.0	0.0	-	0.0	**1487**	1497
USA, South Carolina	0.6	0.1	0.1	0.0	0.0	-	-	**107**	108
USA, South Carolina: Black	0.4	0.2	-	-	-	-	-	**17**	17
USA, South Carolina: White	0.7	0.1	0.1	0.0	0.0	-	-	**90**	91
USA, Texas	0.6	0.1	0.0	0.0	0.0	-	0.0	**458**	466
USA, Texas: Black	0.6	0.3	0.1	-	-	-	0.0	**57**	58
USA, Texas: White	0.6	0.1	0.0	0.0	0.0	-	0.0	**392**	398
USA, Utah	0.3	0.1	-	0.0	0.0	-	-	**27**	27
USA, Vermont	0.4	0.3	-	-	-	-	-	**14**	14
USA, Washington State	0.6	0.2	0.0	0.0	0.0	-	0.0	**160**	162
USA, Washington, Seattle	0.6	0.1	0.0	0.0	0.0	-	-	**109**	109
USA, West Virginia	0.5	0.2	-	0.0	0.0	0.0	-	**58**	58
USA, Wisconsin	0.4	0.2	0.0	0.0	0.0	-	-	**104**	104
Asia									
Bahrain: Bahraini	1.0	-	-	-	-	-	-	**6**	6
China, Guangzhou City	0.0	0.1	-	0.1	-	-	0.0	**9**	13 *
China, Hong Kong	0.1	7.6	0.1	0.1	0.0	0.0	0.5	**1739**	1851
China, Jiashan	-	0.4	-	-	-	-	-	**5**	5 *
China, Nangang District, Harbin City	-	-	-	-	-	-	0.3	**7**	7
China, Shanghai	0.0	0.0	-	-	-	-	0.2	**49**	57 *
China, Zhongshan	-	0.2	-	0.0	-	0.0	-	**8**	8 *
Cyprus	0.2	0.0	-	-	-	-	-	**5**	5 *
India, Chennai (Madras)	0.2	0.2	-	0.0	0.0	-	0.1	**44**	51
India, Karunagappally	-	-	-	-	-	-	-	**0**	0
India, Mumbai (Bombay)	0.2	0.1	-	0.0	0.0	0.0	0.0	**71**	81
India, Nagpur	0.2	0.3	-	-	-	-	0.1	**23**	27 *
India, New Delhi	0.3	0.1	-	0.3	-	-	0.1	**136**	160 *
India, Poona	-	-	-	-	-	-	0.5	**27**	31 *
India, Trivandrum	0.1	0.0	-	-	-	-	-	**4**	4 *
Israel	0.2	0.3	-	0.0	0.0	-	0.0	**85**	88
Israel: Jews	0.2	0.3	-	0.0	0.0	-	0.0	**80**	83
Israel: Non-Jews	0.2	0.1	-	-	-	-	-	**5**	5
Japan, Aichi Prefecture	0.1	0.4	-	-	0.0	-	0.1	**21**	24
Japan, Fukui Prefecture	-	0.2	-	-	-	-	0.0	**8**	10
Japan, Hiroshima	0.0	0.2	0.1	0.0	0.0	-	-	**16**	17
Japan, Miyagi Prefecture	0.0	0.2	0.0	-	-	0.0	0.0	**26**	27
Japan, Nagasaki Prefecture	0.0	0.1	0.0	-	-	-	-	**10**	10
Japan, Osaka Prefecture	0.0	0.2	0.0	-	0.0	-	0.1	**91**	112
Japan, Yamagata Prefecture	0.0	0.2	-	-	-	-	0.0	**14**	15
Korea	0.2	0.1	0.0	0.0	0.0	0.0	0.1	**264**	309
Korea, Busan	0.2	0.1	-	-	0.0	-	0.1	**29**	33
Korea, Daegu	0.1	0.1	-	-	-	-	0.0	**10**	11
Korea, Daejeon	0.3	-	-	-	-	-	0.0	**9**	9
Korea, Gwangju	0.2	0.1	-	-	-	-	-	**7**	7
Korea, Incheon	0.2	0.2	-	-	-	-	0.1	**18**	20

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Anus (C21) - Male (Contd)

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
Asia (Contd)									
Korea, Jejudo	-	-	-	-	-	-	-	**0**	0
Korea, Seoul	0.2	0.2	0.0	0.0	0.0	-	0.1	**84**	95
Korea, Ulsan	-	0.2	-	-	-	-	-	**2**	2
Kuwait: Kuwaitis	0.1	-	-	-	-	-	-	**1**	1
Kuwait: Non-Kuwaitis	0.1	-	-	-	-	-	-	**4**	4
Malaysia, Penang	0.1	0.3	0.1	0.0	-	-	0.0	**11**	11
Malaysia, Sarawak	0.0	0.1	0.0	-	-	-	-	**6**	6
Oman: Omani	0.4	0.1	-	0.1	-	-	0.1	**9**	11 *
Pakistan, South Karachi	0.2	0.4	-	-	-	-	0.1	**18**	19 *
Philippines, Manila	0.1	0.2	0.0	-	-	-	0.0	**18**	20 *
Singapore	0.1	0.2	0.0	-	0.0	0.0	-	**33**	33
Singapore: Chinese	0.1	0.3	0.0	-	-	0.0	-	**26**	26
Singapore: Indian	0.1	-	0.1	-	0.1	0.1	-	**4**	4
Singapore: Malay	0.1	0.2	-	-	-	-	-	**3**	3
Thailand, Chiang Mai	0.1	0.2	-	-	-	-	-	**10**	10 *
Thailand, Lampang	0.1	0.1	-	-	-	0.0	0.1	**4**	6 *
Thailand, Songkhla	-	0.1	-	-	-	-	-	**2**	3
Turkey, Antalya	0.0	0.1	0.0	-	-	-	-	**5**	6 *
Turkey, Izmir	0.1	0.1	-	0.0	0.0	-	0.0	**23**	24 *
Europe									
Austria	0.3	0.2	0.0	0.0	0.0	-	0.0	**151**	153
Austria, Tyrol	0.5	-	0.1	-	-	-	-	**12**	12
Austria, Vorarlberg	-	-	-	-	-	-	0.1	**0**	1
Belarus	0.1	0.3	0.0	-	0.0	-	0.1	**124**	142 *
Belgium, Antwerp	0.2	0.2	-	0.0	0.0	-	-	**24**	24 *
Belgium, Flanders	0.2	0.1	-	0.0	0.0	0.0	0.0	**79**	83
Bulgaria	0.1	0.4	0.0	0.0	0.0	-	0.1	**178**	213 *
Croatia	0.0	0.1	-	0.0	-	-	0.1	**22**	35
Czech Republic	0.1	0.2	0.0	-	0.0	-	0.0	**125**	142
Denmark	0.5	0.1	-	0.0	0.0	-	0.0	**131**	137
Estonia	0.1	0.2	0.0	-	0.0	-	-	**16**	16
Finland *(data not available)*	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	0.4	0.2	0.1	-	-	-	-	**22**	22
France, Calvados	0.6	0.1	-	-	-	-	-	**17**	17
France, Doubs	0.4	-	-	-	-	-	-	**7**	7
France, Haut-Rhin	0.3	0.1	-	-	-	-	-	**11**	11
France, Herault	0.4	0.0	0.0	-	0.1	-	-	**20**	20
France, Isere	0.3	0.2	-	0.0	-	-	-	**21**	21
France, Loire-Atlantique	0.5	0.0	0.1	-	0.1	-	-	**26**	26
France, Manche	0.1	0.1	-	-	-	-	-	**4**	4
France, Somme	0.0	0.1	-	0.1	-	-	-	**4**	4
France, Tarn	0.4	0.0	-	-	-	0.0	-	**7**	7
France, Vendee	0.5	0.1	-	-	0.1	-	0.1	**15**	16
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	0.7	0.1	0.0	0.2	-	-	-	**61**	65
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Munich	0.2	0.2	-	-	-	-	-	**43**	43
Germany, Northrhine-Westphalia: Munster	0.4	0.0	0.0	0.1	-	-	-	**44**	52
Germany, Saarland	0.5	0.1	-	-	0.0	-	-	**28**	28
Iceland	0.1	-	-	-	0.1	-	-	**3**	3
Ireland	0.3	0.2	-	0.0	0.0	-	0.0	**64**	68
Italy, Biella Province	0.2	0.4	-	-	-	-	-	**6**	6
Italy, Brescia Province	0.1	0.3	0.0	-	-	-	0.1	**12**	14
Italy, Ferrara Province	0.3	0.6	0.1	0.1	-	-	0.0	**18**	19
Italy, Florence and Prato	0.4	0.2	-	-	-	-	0.0	**32**	33
Italy, Genoa Province	0.2	0.3	-	0.1	0.0	-	0.1	**19**	22
Italy, Macerata Province	-	-	-	-	0.1	-	-	**1**	1
Italy, Milan	0.4	0.0	-	-	-	-	-	**20**	20
Italy, Modena Province	0.2	0.2	-	0.1	-	-	-	**15**	15
Italy, Naples	-	0.2	-	0.0	-	-	0.1	**5**	6
Italy, North East Cancer Surveillance Network	0.2	0.4	0.0	0.0	0.0	-	0.2	**62**	83
Italy, Parma Province	0.4	0.2	-	0.1	-	-	0.0	**14**	15
Italy, Ragusa Province	0.3	-	-	-	-	-	-	**3**	3
Italy, Reggio Emilia Province	0.4	0.2	-	0.0	0.0	-	-	**15**	15
Italy, Romagna Region	0.2	0.2	0.0	-	-	0.0	0.0	**26**	27
Italy, Salerno Province	0.1	0.4	-	0.0	-	-	0.1	**23**	25
Italy, Sassari Province	0.1	0.2	-	-	-	-	0.0	**6**	7
Italy, Sondrio	0.1	0.1	-	-	-	-	-	**2**	2
Italy, Syracuse Province	0.4	0.1	-	-	-	-	0.1	**7**	8
Italy, Torino	0.5	0.4	0.0	0.0	-	-	0.0	**39**	41
Italy, Umbria Region	0.2	0.4	0.1	-	-	-	0.0	**26**	27
Italy, Varese Province	0.3	0.1	-	-	0.0	-	0.1	**8**	9
Italy, Veneto Region	0.3	0.3	0.1	-	-	0.0	0.0	**44**	47
Latvia	0.1	0.2	-	-	0.0	-	0.1	**25**	29
Lithuania	0.1	0.2	-	-	-	-	0.0	**32**	35
Malta	0.4	0.1	-	-	-	-	0.0	**8**	9
Norway	0.3	0.1	-	0.0	0.0	-	-	**77**	77
Poland, Cracow	0.1	0.3	-	0.1	-	-	-	**6**	10 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	-
Poland, Warsaw City	0.2	-	-	0.0	-	-	0.1	**16**	21
Portugal, Porto	0.1	0.6	0.0	0.0	0.0	-	0.0	**89**	92 *
Portugal, South Regional	0.2	0.2	0.0	0.0	0.0	-	0.0	**57**	58
Russia, St Petersburg	0.1	0.0	0.0	0.0	0.0	-	0.0	**26**	30

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Anus (C21) - Male (Contd)

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
Europe (Contd)									
Serbia	0.1	0.2	0.0	-	-	-	0.0	**51**	58
Slovak Republic	0.1	0.4	-	0.0	0.0	-	0.1	**82**	93
Slovenia	0.1	0.2	-	0.0	-	-	-	**22**	22
Spain, Albacete	0.2	-	-	-	-	-	0.1	**2**	3
Spain, Asturias	0.2	0.8	-	-	0.0	-	0.0	**47**	49
Spain, Basque Country	0.2	0.2	-	0.0	0.0	-	0.0	**33**	34
Spain, Canary Islands	0.1	0.1	-	-	0.0	-	0.0	**13**	15
Spain, Cuenca	0.4	0.3	-	-	-	-	-	**7**	7
Spain, Girona	0.6	0.2	-	-	-	-	-	**16**	16
Spain, Granada	0.2	0.3	0.0	0.0	0.0	-	-	**19**	19
Spain, Murcia	0.2	0.1	-	-	0.0	-	-	**14**	14
Spain, Navarra	0.2	0.2	-	0.0	0.1	0.1	-	**14**	14
Spain, Tarragona	0.1	0.3	-	-	-	-	0.0	**8**	9
Spain, Zaragoza	0.4	0.0	-	0.0	-	-	0.0	**19**	20
Sweden	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**179**	180
Switzerland, Geneva	0.7	-	-	-	0.0	-	-	**11**	11
Switzerland, Graubunden and Glarus	0.6	-	-	-	0.1	-	-	**6**	6
Switzerland, Neuchatel	0.5	0.8	-	-	-	-	0.2	**7**	8
Switzerland, St Gall-Appenzell	0.2	0.2	0.0	-	-	-	0.0	**10**	11
Switzerland, Ticino	0.2	0.0	-	-	-	-	-	**3**	3
Switzerland, Valais	0.5	0.2	0.1	-	-	-	-	**8**	8
Switzerland, Vaud	0.4	0.2	-	0.0	-	-	-	**19**	19
The Netherlands	0.3	0.1	0.0	0.0	0.0	-	0.0	**216**	221
The Netherlands, Eindhoven	0.3	0.1	-	-	-	-	-	**11**	11
The Netherlands, Maastricht	0.1	0.0	0.0	-	-	-	-	**6**	6
UK, England, East of England Region	0.4	0.1	-	0.0	0.0	-	-	**59**	63
UK, England, Merseyside and Cheshire	0.4	0.3	-	0.0	-	0.0	-	**67**	77
UK, England, North Western	0.5	0.1	0.0	0.0	0.0	-	-	**96**	98
UK, England, Northern And Yorkshire	0.5	0.2	0.0	0.0	0.0	0.0	0.0	**196**	205
UK, England, Oxford Region	0.4	0.2	0.0	0.1	0.0	-	-	**64**	68
UK, England, South and Western Regions	0.5	0.1	0.0	0.0	0.0	-	0.1	**163**	212
UK, England, Thames	0.5	0.1	0.0	0.0	0.0	0.0	0.0	**320**	357
UK, England, Trent	0.3	0.2	0.0	0.0	0.0	-	0.0	**109**	120
UK, England, West Midlands	0.3	0.1	-	0.0	0.0	-	-	**94**	97
UK, Northern Ireland	0.4	0.2	-	0.1	-	-	-	**34**	34
UK, Scotland	0.4	0.1	0.0	0.0	0.0	-	0.0	**116**	118
Oceania									
Australia, New South Wales	0.7	0.3	0.0	0.0	0.0	0.0	0.0	**225**	232
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-
Australia, Queensland	0.5	0.3	-	0.0	-	0.0	-	**92**	99
Australia, South	0.1	0.2	0.1	-	-	-	-	**20**	20
Australia, Tasmania	0.7	0.4	0.1	-	0.1	-	-	**21**	21
Australia, Victoria	0.3	0.3	0.0	-	0.0	-	0.0	**96**	100
Australia, Western	0.4	0.3	0.0	-	0.0	0.0	-	**41**	41
Australian Capital Territory	0.1	0.7	-	-	-	-	-	**6**	6
French Polynesia	-	0.2	0.3	-	-	-	-	**3**	3
New Zealand	0.3	0.2	0.0	0.0	-	-	0.0	**69**	73
USA, Hawaii	0.2	0.1	-	0.0	-	-	-	**16**	16
USA, Hawaii: Chinese	-	-	-	0.1	-	-	-	**1**	1
USA, Hawaii: Filipino	0.1	0.2	-	-	-	-	-	**2**	2
USA, Hawaii: Hawaiian	0.7	-	-	-	-	-	-	**3**	3
USA, Hawaii: Japanese	-	0.2	-	-	-	-	-	**2**	2
USA, Hawaii: White	0.4	0.2	-	-	-	-	-	**8**	8

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Anus (C21) - Female

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
Africa									
Algeria, Setif	-	0.1	-	-	-	-	-	**1**	1 *
Egypt, Gharbiah	-	0.4	0.0	-	0.1	-	-	**22**	22
Tunisia, Centre, Sousse	-	-	-	0.1	-	0.1	-	**2**	2 *
Uganda, Kyadondo County	0.0	0.0	-	-	-	-	-	**3**	3 *
Zimbabwe, Harare: African	0.0	0.0	-	-	-	-	-	**2**	2 *
America, Central and South									
Argentina, Bahia Blanca	0.5	0.1	-	0.1	-	-	-	**10**	10
Brazil, Brasilia	0.8	0.4	-	0.0	-	-	0.2	**36**	37
Brazil, Cuiaba	0.8	-	-	-	-	-	-	**5**	5
Brazil, Goiania	0.5	0.2	-	-	-	-	-	**13**	13
Brazil, Sao Paulo	0.7	0.1	0.0	0.0	0.0	-	0.2	**256**	319
Chile, Valdivia	-	0.1	-	-	-	-	-	**1**	1
Colombia, Cali	1.0	0.1	0.0	0.1	0.0	-	0.1	**57**	59
Costa Rica	0.4	0.2	-	0.0	-	-	0.0	**41**	44
Ecuador, Quito	0.4	0.1	-	0.1	-	-	0.0	**20**	21
France, La Martinique	0.5	0.3	-	-	-	-	-	**15**	15
Peru, Trujillo	1.1	-	-	-	0.1	-	-	**13**	13 *
America, North									
Canada (excluding Quebec, Yukon and Nunavut)	0.7	0.3	0.0	0.0	0.0	-	0.0	**973**	1011
Canada, Alberta	0.6	0.1	-	-	0.0	-	-	**77**	77
Canada, British Columbia	0.9	0.1	0.0	-	0.0	-	0.0	**168**	169
Canada, Manitoba	0.6	0.1	0.0	0.0	-	-	-	**38**	39
Canada, New Brunswick	1.1	0.3	0.0	-	0.1	-	-	**44**	44
Canada, Newfoundland and Labrador	0.3	0.2	-	-	-	-	-	**12**	12
Canada, Northwest Territories	-	2.0	-	-	-	-	-	**1**	1
Canada, Nova Scotia	1.1	0.1	0.0	0.0	0.0	-	-	**52**	52
Canada, Ontario	0.7	0.4	0.0	0.0	0.0	-	0.0	**550**	586
Canada, Prince Edward Island	0.6	0.2	-	-	-	-	-	**5**	5
Canada, Saskatchewan	0.4	0.1	-	-	-	-	0.0	**26**	26
USA, Alabama	0.8	0.1	0.0	0.0	0.0	0.0	0.0	**170**	175
USA, Alabama: Black	0.5	0.2	-	0.0	-	-	-	**28**	28
USA, Alabama: White	0.9	0.1	0.0	0.0	0.0	-	0.0	**141**	146
USA, Alaska	1.2	0.0	-	0.0	-	-	-	**21**	21
USA, Arizona	0.9	0.1	0.0	0.0	0.0	-	0.0	**189**	191
USA, California	1.0	0.1	0.0	0.0	0.0	0.0	0.0	**1359**	1369
USA, California, Greater San Francisco Bay Area	0.8	0.1	0.0	0.0	0.0	-	-	**240**	243
USA, California, Greater San Francisco Bay Area: Black	0.6	0.3	-	-	-	-	-	**14**	14
USA, California, Greater San Francisco Bay Area: Chinese	0.1	0.0	-	-	0.0	-	-	**5**	5
USA, California, Greater San Francisco Bay Area: Filipino	0.3	0.1	-	0.1	-	-	-	**5**	5
USA, California, Greater San Francisco Bay Area: Hispanic White	0.6	0.1	0.0	0.0	0.0	-	-	**22**	22
USA, California, Greater San Francisco Bay Area: Japanese	-	-	-	-	-	-	-	**0**	0
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	1.2	0.1	0.0	0.0	0.0	-	-	**186**	189
USA, California, Los Angeles County	0.8	0.2	0.0	0.0	0.0	0.0	-	**332**	332
USA, California, Los Angeles County: Black	0.7	0.1	0.0	-	-	-	-	**30**	30
USA, California, Los Angeles County: Chinese	0.1	0.1	-	-	0.1	-	-	**5**	5
USA, California, Los Angeles County: Filipino	0.2	0.1	-	-	-	-	-	**3**	3
USA, California, Los Angeles County: Hispanic White	0.6	0.2	0.0	-	0.1	-	-	**71**	71
USA, California, Los Angeles County: Japanese	-	-	-	-	-	-	-	**0**	0
USA, California, Los Angeles County: Korean	0.7	0.4	-	-	-	-	-	**8**	8
USA, California, Los Angeles County: Non-Hispanic White	1.2	0.1	0.0	0.0	0.0	0.0	-	**209**	209
USA, California: Asian and Pacific Islander	0.2	0.1	0.0	0.0	0.0	0.0	-	**58**	59
USA, California: Black	0.7	0.2	0.0	0.0	-	-	-	**67**	67
USA, California: Hispanic White	0.6	0.1	0.0	0.0	0.0	-	-	**150**	150
USA, California: Non-hispanic White	1.3	0.1	0.0	0.0	0.0	0.0	0.0	**1073**	1082
USA, Colorado	1.0	0.1	0.0	0.0	0.0	-	-	**153**	153
USA, Connecticut	0.7	0.1	-	0.0	-	0.0	-	**126**	127
USA, Connecticut: Black	0.9	0.3	-	-	-	-	-	**12**	12
USA, Connecticut: White	0.7	0.1	-	0.0	-	0.0	-	**113**	114
USA, District of Columbia	1.2	0.0	-	-	-	0.1	-	**30**	31
USA, District of Columbia: Black	1.3	0.1	-	-	-	-	-	**19**	19
USA, District of Columbia: White	1.2	-	-	-	-	0.2	-	**11**	12
USA, Florida	1.1	0.1	0.0	0.0	0.0	0.0	0.0	**991**	999
USA, Florida: Black	0.7	0.1	0.0	0.0	0.0	-	0.0	**68**	70
USA, Florida: White	1.2	0.1	0.0	0.0	0.0	0.0	0.0	**913**	919
USA, Georgia	1.0	0.1	0.0	0.0	0.0	-	0.0	**314**	318
USA, Georgia, Atlanta	1.0	0.1	-	0.0	0.0	-	-	**110**	110
USA, Georgia, Atlanta: Black	0.8	0.2	-	-	-	-	-	**30**	30
USA, Georgia, Atlanta: White	1.2	0.1	-	0.0	-	-	-	**79**	79
USA, Georgia: Black	0.7	0.1	-	-	-	-	0.0	**59**	61
USA, Georgia: White	1.1	0.1	0.0	0.0	0.0	-	-	**253**	255
USA, Idaho	1.0	0.0	0.0	0.0	-	-	-	**51**	51
USA, Illinois	0.9	0.1	0.0	0.0	0.0	-	0.0	**466**	469
USA, Illinois: Black	0.9	0.1	-	0.1	0.0	-	-	**67**	67
USA, Illinois: White	0.9	0.1	0.0	0.0	0.0	-	0.0	**392**	395
USA, Indiana	1.0	0.1	0.0	0.0	0.0	-	-	**275**	276
USA, Iowa	0.9	0.1	0.0	0.0	0.0	-	0.0	**122**	124
USA, Kentucky	1.1	0.1	0.0	0.0	0.0	-	-	**193**	194
USA, Louisiana	0.9	0.1	0.0	0.0	0.0	0.0	0.0	**178**	181
USA, Louisiana, New Orleans: Black	0.7	0.1	0.3	-	-	-	-	**15**	15
USA, Louisiana, New Orleans: White	1.4	0.1	-	-	-	-	-	**35**	35
USA, Louisiana: Black	0.6	0.1	0.1	-	0.0	-	-	**36**	36
USA, Louisiana: White	1.1	0.1	0.0	0.0	0.0	0.0	0.0	**142**	145
USA, Maine	1.1	0.1	-	-	0.0	-	-	**62**	62
USA, Massachusetts	0.9	0.1	0.0	0.0	0.0	0.0	0.0	**248**	251

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Anus (C21) - Female (Contd)

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
America, North (Contd)									
USA, Michigan	0.7	0.1	0.0	0.0	0.0	0.0	0.0	**342**	345
USA, Michigan, Detroit	0.8	0.2	0.0	0.0	0.0	0.0	-	**156**	157
USA, Michigan, Detroit: Black	1.0	0.2	0.1	0.0	-	0.0	-	**41**	42
USA, Michigan, Detroit: White	0.7	0.2	-	-	0.0	-	-	**115**	115
USA, Michigan: Black	0.9	0.2	0.0	0.0	-	0.0	0.0	**48**	50
USA, Michigan: White	0.7	0.1	0.0	0.0	0.0	0.0	-	**290**	291
USA, Missouri	0.8	0.1	0.0	0.0	0.0	-	0.0	**224**	226
USA, Missouri: Black	0.5	0.0	-	0.1	-	-	-	**13**	13
USA, Missouri: White	0.8	0.1	0.0	0.0	0.0	-	0.0	**209**	211
USA, Montana	0.9	0.0	-	0.1	-	-	-	**35**	36
USA, New Jersey	0.8	0.1	0.0	0.0	0.0	0.0	0.0	**342**	348
USA, New Jersey: Black	0.7	0.0	-	-	-	0.0	-	**27**	27
USA, New Jersey: White	0.8	0.1	0.0	0.0	0.0	0.0	0.0	**302**	308
USA, New Mexico	0.8	0.1	0.0	0.0	0.0	-	-	**65**	67
USA, New Mexico: American Indian	-	-	-	-	-	-	-	**0**	0
USA, New Mexico: Hispanic White	0.3	0.1	-	-	0.1	-	-	**9**	9
USA, New Mexico: Non-Hispanic White	1.3	0.1	0.0	0.0	0.0	-	-	**56**	58
USA, New York state	0.9	0.1	0.0	0.0	0.0	0.0	0.0	**779**	789
USA, New York state: Black	0.9	0.2	0.0	0.0	-	-	0.0	**113**	115
USA, New York state: White	0.9	0.1	0.0	0.0	0.0	0.0	0.0	**654**	662
USA, NPCR	0.9	0.1	0.0	0.0	0.0	0.0	0.0	**9174**	9272
USA, NPCR: Black	0.7	0.1	0.0	0.0	0.0	0.0	0.0	**772**	784
USA, NPCR: White	1.0	0.1	0.0	0.0	0.0	0.0	0.0	**8176**	8260
USA, Ohio	0.9	0.1	0.0	0.0	0.0	0.0	0.0	**449**	450
USA, Ohio: Black	0.9	0.1	0.0	-	-	-	-	**43**	43
USA, Ohio: White	0.8	0.1	0.0	0.0	0.0	0.0	0.0	**395**	396
USA, Oklahoma	1.0	0.1	0.0	0.0	0.0	-	0.0	**139**	142
USA, Oregon	1.2	0.2	-	0.0	0.0	-	-	**201**	201
USA, Pennsylvania	0.8	0.1	0.0	0.0	0.0	0.0	-	**504**	510
USA, Pennsylvania: Black	0.7	0.1	0.0	0.0	-	-	-	**37**	37
USA, Pennsylvania: White	0.8	0.1	0.0	0.0	0.0	0.0	-	**455**	461
USA, Rhode Island	1.0	0.0	0.0	-	0.0	-	-	**50**	50
USA, SEER (9 registries)	0.9	0.1	0.0	0.0	0.0	0.0	0.0	**1021**	1031
USA, SEER (9 registries): Black	0.8	0.2	0.0	0.0	-	0.0	-	**97**	98
USA, SEER (9 registries): White	0.9	0.1	0.0	0.0	0.0	0.0	0.0	**893**	902
USA, SEER (14 registries)	0.9	0.1	0.0	0.0	0.0	0.0	0.0	**2939**	2968
USA, SEER (14 registries): Asian and Pacific Islander	0.2	0.1	0.0	0.0	0.0	0.0	-	**82**	83
USA, SEER (14 registries): Black	0.7	0.1	0.0	0.0	0.0	0.0	-	**226**	227
USA, SEER (14 registries): Hispanic White	0.6	0.1	0.0	0.0	0.0	-	-	**213**	213
USA, SEER (14 registries): Non-hispanic White	1.1	0.1	0.0	0.0	0.0	0.0	0.0	**2391**	2418
USA, South Carolina	0.8	0.1	0.0	0.0	0.0	0.0	0.0	**146**	147
USA, South Carolina: Black	0.3	0.0	0.1	0.1	-	-	-	**16**	16
USA, South Carolina: White	1.0	0.1	0.0	0.0	0.0	0.0	0.0	**128**	129
USA, Texas	0.9	0.1	0.0	0.0	0.0	0.0	0.0	**693**	708
USA, Texas: Black	0.7	0.1	0.0	0.0	0.0	-	0.0	**63**	65
USA, Texas: White	0.9	0.1	0.0	0.0	0.0	0.0	0.0	**621**	634
USA, Utah	0.9	0.1	-	-	0.0	-	0.0	**68**	69
USA, Vermont	0.5	0.1	0.1	0.1	-	-	-	**17**	18
USA, Washington State	1.0	0.1	0.0	0.0	0.0	-	0.0	**260**	264
USA, Washington, Seattle	1.1	0.1	0.0	0.0	0.0	-	0.0	**185**	187
USA, West Virginia	1.4	0.1	0.0	0.1	0.0	0.0	-	**121**	122
USA, Wisconsin	0.6	0.1	0.0	0.0	0.0	-	0.0	**152**	155
Asia									
Bahrain: Bahraini	-	-	-	-	-	-	-	**0**	0
China, Guangzhou City	0.0	0.1	-	-	0.0	-	0.0	**8**	8 *
China, Hong Kong	0.2	4.7	0.0	0.0	0.0	0.0	0.3	**1208**	1304
China, Jiashan	-	0.1	-	-	-	-	-	**1**	1 *
China, Nangang District, Harbin City	-	-	-	-	-	-	0.2	**4**	6
China, Shanghai	-	0.0	-	-	-	-	0.2	**49**	65 *
China, Zhongshan	0.1	0.1	0.0	0.0	0.0	-	-	**8**	8 *
Cyprus	0.1	-	-	0.0	-	-	-	**5**	5 *
India, Chennai (Madras)	0.3	0.1	0.0	0.0	0.0	-	0.1	**35**	41
India, Karunagappally	0.1	-	-	0.1	-	-	-	**2**	2
India, Mumbai (Bombay)	0.2	0.1	0.0	0.0	-	-	0.1	**55**	67
India, Nagpur	0.1	0.3	-	-	-	-	-	**14**	14 *
India, New Delhi	0.1	0.1	0.0	0.1	-	-	0.1	**56**	71 *
India, Poona	-	-	-	-	-	-	0.2	**12**	14 *
India, Trivandrum	-	0.1	-	-	-	-	-	**2**	2 *
Israel	0.3	0.1	-	0.0	0.1	-	0.0	**97**	100
Israel: Jews	0.3	0.1	-	0.0	0.1	-	0.0	**93**	96
Israel: Non-Jews	0.1	0.1	-	-	0.1	-	-	**4**	4
Japan, Aichi Prefecture	0.0	0.3	-	-	-	-	0.0	**16**	17
Japan, Fukui Prefecture	0.1	0.1	-	-	-	-	-	**11**	11
Japan, Hiroshima	-	0.2	0.0	-	0.0	-	-	**12**	12
Japan, Miyagi Prefecture	0.0	0.1	-	-	-	-	0.0	**22**	25
Japan, Nagasaki Prefecture	0.1	0.0	-	-	0.0	0.0	-	**18**	18
Japan, Osaka Prefecture	0.1	0.1	-	-	0.0	-	0.0	**87**	107
Japan, Yamagata Prefecture	0.0	0.1	-	-	0.0	-	0.0	**11**	13
Korea	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**267**	323
Korea, Busan	0.2	0.0	0.0	0.0	-	-	0.1	**25**	31
Korea, Daegu	0.1	0.1	0.0	0.0	0.1	0.0	0.0	**25**	27
Korea, Daejeon	0.2	-	-	-	-	-	0.0	**5**	7
Korea, Gwangju	0.1	0.1	-	-	-	-	0.0	**5**	6
Korea, Incheon	0.1	0.1	-	-	0.0	0.0	0.0	**12**	13

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type

Anus (C21) - Female (Contd)

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
Asia (Contd)									
Korea, Jejudo	-	0.2	-	-	0.1	-	-	**3**	3
Korea, Seoul	0.3	0.1	0.0	0.0	0.0	0.0	0.0	**91**	96
Korea, Ulsan	0.0	0.0	-	-	-	-	0.1	**3**	4
Kuwait: Kuwaitis	0.2	0.3	-	-	-	0.0	0.1	**5**	7
Kuwait: Non-Kuwaitis	0.1	-	-	0.0	-	-	0.3	**2**	3
Malaysia, Penang	0.0	0.3	-	-	-	-	0.0	**8**	9
Malaysia, Sarawak	0.0	0.0	0.0	-	-	-	-	**4**	4
Oman: Omani	-	0.1	-	-	-	-	-	**1**	1 *
Pakistan, South Karachi	0.2	0.2	-	-	-	-	-	**8**	8 *
Philippines, Manila	0.0	0.1	0.0	0.0	-	-	0.0	**12**	14 *
Singapore	0.2	0.2	0.0	0.0	0.0	-	0.0	**43**	45
Singapore: Chinese	0.2	0.2	0.0	0.0	0.0	-	0.0	**37**	39
Singapore: Indian	0.4	-	-	-	-	-	-	**2**	2
Singapore: Malay	0.1	0.4	-	-	-	-	-	**4**	4
Thailand, Chiang Mai	0.2	0.2	0.0	0.0	-	-	0.0	**17**	18 *
Thailand, Lampang	0.1	-	-	-	-	-	-	**3**	3 *
Thailand, Songkhla	-	0.1	0.0	-	-	-	-	**4**	4
Turkey, Antalya	-	0.0	-	-	-	-	-	**1**	1 *
Turkey, Izmir	0.1	0.1	-	-	0.1	-	0.0	**26**	27 *
Europe									
Austria	0.7	0.1	0.0	0.0	0.0	-	0.0	**354**	368
Austria, Tyrol	0.8	0.2	-	-	0.0	-	-	**33**	33
Austria, Vorarlberg	1.1	0.2	-	-	0.2	-	-	**19**	19
Belarus	0.1	0.2	0.0	-	0.0	-	0.1	**147**	167 *
Belgium, Antwerp	0.4	0.1	-	-	0.0	-	-	**37**	37 *
Belgium, Flanders	0.3	0.1	-	0.0	0.0	0.0	0.0	**90**	94
Bulgaria	0.1	0.2	-	0.0	0.0	0.0	0.1	**121**	153 *
Croatia	0.1	0.0	0.0	0.0	0.0	-	0.1	**40**	60
Czech Republic	0.4	0.1	0.0	0.0	0.0	-	0.0	**216**	238
Denmark	1.1	0.1	0.0	0.0	0.0	-	0.0	**294**	305
Estonia	0.5	0.1	0.0	0.0	0.0	-	0.0	**42**	45
Finland *(data not available)*	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	0.9	0.1	-	0.0	0.0	-	-	**46**	46
France, Calvados	1.1	0.1	-	0.0	-	-	-	**39**	39
France, Doubs	1.1	0.0	0.0	-	-	-	-	**27**	27
France, Haut-Rhin	0.7	0.2	0.0	-	-	-	0.0	**28**	29
France, Herault	1.6	-	0.0	0.0	0.0	-	-	**81**	81
France, Isere	1.1	0.0	-	0.0	0.0	-	0.0	**57**	59
France, Loire-Atlantique	0.6	-	0.0	-	0.0	-	-	**39**	39
France, Manche	0.9	0.1	0.0	-	-	-	-	**26**	26
France, Somme	0.8	0.1	-	-	0.1	-	-	**26**	26
France, Tarn	0.7	0.1	-	-	0.1	-	-	**17**	17
France, Vendee	0.8	0.0	0.0	-	0.0	-	0.1	**28**	29
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	1.1	0.1	0.0	0.2	-	-	-	**118**	129
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Munich	0.6	0.1	0.0	-	0.0	0.0	0.0	**86**	87
Germany, Northrhine-Westphalia: Munster	0.5	0.0	0.0	0.0	0.0	-	-	**76**	84
Germany, Saarland	0.9	0.1	0.0	0.1	0.0	-	-	**69**	69
Iceland	1.2	0.0	-	-	-	-	-	**11**	11
Ireland	0.3	0.2	0.0	0.0	0.0	-	0.0	**74**	76
Italy, Biella Province	0.7	0.4	-	-	-	-	-	**14**	14
Italy, Brescia Province	0.7	0.1	-	-	-	-	0.0	**25**	26
Italy, Ferrara Province	0.6	0.1	-	0.0	-	-	0.1	**19**	22
Italy, Florence and Prato	0.7	0.1	-	0.0	0.1	0.0	0.1	**68**	72
Italy, Genoa Province	1.0	0.2	0.0	0.0	-	-	-	**48**	48
Italy, Macerata Province	-	0.1	-	-	-	-	-	**2**	2
Italy, Milan	0.6	0.0	0.0	-	0.0	-	0.1	**58**	64
Italy, Modena Province	0.3	0.2	-	0.1	0.0	-	-	**20**	20
Italy, Naples	0.2	0.2	-	0.0	-	-	-	**10**	10
Italy, North East Cancer Surveillance Network	0.5	0.2	0.0	0.1	0.0	-	0.2	**117**	150
Italy, Parma Province	0.8	0.1	0.0	-	-	-	0.0	**27**	28
Italy, Ragusa Province	0.2	0.3	-	-	-	-	0.0	**9**	9
Italy, Reggio Emilia Province	0.5	0.2	-	0.0	0.0	-	0.0	**23**	25
Italy, Romagna Region	0.6	0.1	0.0	0.0	0.0	0.0	0.0	**43**	46
Italy, Salerno Province	0.2	0.3	-	-	-	-	0.2	**17**	25
Italy, Sassari Province	-	0.3	-	-	-	-	-	**6**	6
Italy, Sondrio	0.2	0.0	-	-	-	-	0.1	**4**	5
Italy, Syracuse Province	0.3	0.3	-	-	-	-	-	**8**	8
Italy, Torino	0.9	0.1	0.0	0.1	0.1	-	-	**70**	70
Italy, Umbria Region	0.3	0.2	0.0	0.0	0.1	0.0	0.1	**28**	40
Italy, Varese Province	0.5	0.1	0.0	-	-	-	-	**19**	19
Italy, Veneto Region	0.4	0.2	0.1	-	0.0	-	0.1	**55**	66
Latvia	0.2	0.1	0.0	0.0	0.0	-	0.1	**51**	61
Lithuania	0.1	0.1	-	-	-	-	0.0	**45**	48
Malta	0.1	0.1	-	-	0.1	-	-	**7**	7
Norway	0.8	0.1	0.0	0.0	0.0	-	0.0	**170**	172
Poland, Cracow	0.1	0.2	-	0.0	-	-	0.1	**9**	17 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	-
Poland, Warsaw City	0.5	-	-	0.0	0.0	-	0.1	**52**	58
Portugal, Porto	0.3	0.4	-	0.0	0.0	-	0.0	**101**	103 *
Portugal, South Regional	0.6	0.1	0.0	0.0	0.0	-	0.0	**109**	111
Russia, St Petersburg	0.2	0.0	-	0.0	0.0	-	0.0	**72**	78

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Anus (C21) - Female (Contd)

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
Europe (Contd)									
Serbia	0.1	0.1	0.0	0.0	-	-	0.0	**44**	55
Slovak Republic	0.1	0.2	0.0	-	0.0	-	0.0	**79**	86
Slovenia	0.2	0.2	0.0	0.0	0.0	-	0.0	**43**	44
Spain, Albacete	-	0.1	-	-	-	-	-	**2**	2
Spain, Asturias	0.1	0.2	0.0	-	-	-	-	**23**	23
Spain, Basque Country	0.2	0.2	-	0.0	0.0	-	0.0	**37**	39
Spain, Canary Islands	0.2	0.0	-	-	0.0	-	0.0	**17**	18
Spain, Cuenca	-	0.4	-	0.1	-	0.2	0.0	**8**	9
Spain, Girona	0.3	0.1	-	-	-	-	-	**10**	10
Spain, Granada	0.0	0.2	-	-	0.0	-	-	**13**	13
Spain, Murcia	0.2	0.1	-	0.0	0.0	-	0.0	**14**	15
Spain, Navarra	0.3	0.1	0.0	-	0.1	-	-	**15**	15
Spain, Tarragona	0.3	0.1	-	-	0.0	-	-	**13**	13
Spain, Zaragoza	0.3	0.0	-	0.0	-	-	-	**20**	20
Sweden	0.9	0.0	0.0	0.0	0.0	0.0	-	**412**	412
Switzerland, Geneva	2.0	0.2	-	-	-	-	0.0	**45**	46
Switzerland, Graubunden and Glarus	0.3	-	-	-	-	-	-	**2**	2
Switzerland, Neuchatel	1.2	0.7	-	0.1	-	-	-	**19**	19
Switzerland, St Gall-Appenzell	1.2	0.1	0.1	0.0	-	-	-	**29**	29
Switzerland, Ticino	0.7	0.1	-	-	-	0.2	0.0	**14**	15
Switzerland, Valais	1.0	0.2	-	-	-	-	0.1	**13**	15
Switzerland, Vaud	1.7	0.1	-	0.1	0.0	-	0.0	**61**	62
The Netherlands	0.3	0.1	0.0	0.0	0.0	-	0.0	**303**	306
The Netherlands, Eindhoven	0.3	0.1	-	-	-	-	-	**16**	16
The Netherlands, Maastricht	0.3	0.1	-	0.0	0.1	-	-	**20**	20
UK, England, East of England Region	0.5	0.1	0.0	0.0	0.0	-	-	**95**	97
UK, England, Merseyside and Cheshire	0.6	0.2	0.0	0.0	0.0	-	-	**84**	93
UK, England, North Western	0.7	0.1	0.0	0.0	0.0	-	-	**173**	177
UK, England, Northern And Yorkshire	0.7	0.1	0.0	0.0	0.0	-	0.0	**266**	271
UK, England, Oxford Region	0.6	0.1	-	0.0	0.0	-	-	**86**	89
UK, England, South and Western Regions	0.7	0.1	0.0	0.0	0.0	0.0	0.1	**310**	358
UK, England, Thames	0.7	0.1	0.0	0.1	0.0	0.0	0.0	**489**	528
UK, England, Trent	0.5	0.1	0.0	0.0	0.0	-	-	**155**	163
UK, England, West Midlands	0.6	0.1	0.0	0.0	0.0	-	0.0	**176**	182
UK, Northern Ireland	0.5	0.0	-	0.0	-	-	0.0	**41**	42
UK, Scotland	0.7	0.1	0.0	0.0	0.0	-	0.0	**183**	188
Oceania									
Australia, New South Wales	0.8	0.2	0.0	0.0	0.0	-	0.0	**272**	279
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-
Australia, Queensland	0.6	0.1	0.0	0.0	0.0	-	-	**104**	116
Australia, South	0.5	0.2	0.2	-	0.0	-	0.0	**54**	56
Australia, Tasmania	0.7	0.0	0.1	-	0.1	-	0.0	**18**	19
Australia, Victoria	0.3	0.2	0.0	-	0.0	0.0	0.0	**110**	114
Australia, Western	0.5	0.2	-	0.0	0.0	0.0	-	**53**	55
Australian Capital Territory	0.5	0.2	0.1	-	-	-	-	**9**	9
French Polynesia	-	0.5	-	-	-	-	-	**2**	2
New Zealand	0.7	0.1	0.0	0.0	0.0	0.0	0.0	**125**	127
USA, Hawaii	0.5	0.0	-	0.0	0.0	-	-	**26**	26
USA, Hawaii: Chinese	-	0.1	-	-	0.3	-	-	**2**	2
USA, Hawaii: Filipino	-	-	-	-	-	-	-	**0**	0
USA, Hawaii: Hawaiian	0.4	-	-	-	-	-	-	**2**	2
USA, Hawaii: Japanese	0.1	-	-	-	-	-	-	**3**	3
USA, Hawaii: White	1.4	-	-	0.1	-	-	-	**19**	19

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Liver (C22) - Male

	Carcinoma				Hepato-	Sarcoma		Other	Unspec.	Number of cases	
	Hepato	Cholangio	Other	Unspec.	blastoma	Haemangio	Other			MV	Total
Africa											
Algeria, Setif	0.2	0.2	0.1	-	-	-	-	-	0.5	**13**	22 *
Egypt, Gharbiah	19.8	0.5	0.1	0.5	0.0	-	-	-	1.0	**377**	912
Tunisia, Centre, Sousse	1.1	0.4	0.1	0.2	-	-	-	-	0.4	**17**	20 *
Uganda, Kyadondo County	1.8	0.5	-	0.2	0.0	-	-	-	6.2	**40**	100 *
Zimbabwe, Harare: African	13.9	0.4	-	-	0.1	-	-	-	0.1	**38**	265 *
America, Central and South											
Argentina, Bahia Blanca	1.9	0.7	-	1.5	-	-	-	-	0.4	**22**	41
Brazil, Brasilia	1.7	1.2	0.4	0.3	-	-	0.1	-	2.6	**113**	135
Brazil, Cuiaba	0.8	1.9	-	0.5	-	-	0.2	-	3.0	**24**	41
Brazil, Goiania	2.0	0.5	0.1	-	-	-	0.1	-	0.8	**38**	49
Brazil, Sao Paulo	2.4	0.3	0.1	0.0	0.1	-	-	-	0.1	**554**	585
Chile, Valdivia	0.7	0.1	0.3	0.2	-	-	-	-	4.1	**11**	46
Colombia, Cali	1.3	0.6	0.1	0.0	-	-	-	-	1.1	**70**	105
Costa Rica	1.1	0.3	0.0	0.1	0.0	0.0	-	-	4.3	**123**	444
Ecuador, Quito	1.3	0.7	0.1	-	0.2	0.0	-	-	1.1	**37**	94
France, La Martinique	2.0	0.3	0.6	0.1	-	-	-	-	0.8	**36**	44
Peru, Trujillo	2.1	0.2	0.1	-	-	-	-	-	-	**22**	22 *
America, North											
Canada (excluding Quebec, Yukon and Nunavut)	2.7	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.7	**1882**	3301
Canada, Alberta	3.3	0.6	0.2	0.1	0.1	0.0	0.0	-	0.2	**265**	417
Canada, British Columbia	3.6	0.5	0.1	0.3	0.1	0.0	0.0	-	0.3	**383**	736
Canada, Manitoba	2.7	0.6	0.3	0.1	0.1	-	-	-	0.5	**78**	168
Canada, New Brunswick	1.4	0.6	0.0	0.1	0.1	-	0.0	-	-	**42**	59
Canada, Newfoundland and Labrador	1.2	0.2	0.1	0.0	0.2	-	0.1	-	-	**29**	32
Canada, Northwest Territories	1.8	-	-	-	-	-	-	-	-	**1**	1
Canada, Nova Scotia	1.6	0.4	0.0	0.1	-	0.0	-	-	0.3	**46**	87
Canada, Ontario	2.7	0.3	0.1	0.1	0.1	0.0	0.0	0.0	1.1	**972**	1696
Canada, Prince Edward Island	1.6	0.4	-	-	0.6	-	-	-	0.6	**12**	16
Canada, Saskatchewan	1.2	0.2	0.2	0.0	0.1	-	-	-	0.6	**54**	89
USA, Alabama	2.6	0.7	0.1	0.3	0.1	0.0	0.0	0.0	0.4	**409**	638
USA, Alabama: Black	3.0	0.5	0.2	0.3	-	-	0.0	-	0.3	**79**	123
USA, Alabama: White	2.5	0.7	0.1	0.3	0.1	0.0	-	0.0	0.4	**324**	506
USA, Alaska	4.5	0.8	0.1	0.3	0.1	-	-	-	0.4	**77**	100
USA, Arizona	3.3	0.6	0.2	0.3	0.1	-	0.0	-	0.2	**576**	798
USA, California	5.8	0.6	0.3	0.2	0.1	0.0	0.0	0.0	0.2	**4915**	7052
USA, California, Greater San Francisco Bay Area	7.0	0.8	0.2	0.2	0.1	0.0	0.0	-	0.2	**1091**	1651
USA, California, Greater San Francisco Bay Area: Black	9.5	0.6	0.2	0.3	-	-	-	-	0.3	**90**	139
USA, California, Greater San Francisco Bay Area: Chinese	16.5	1.1	0.2	0.5	0.1	-	0.1	-	0.5	**190**	294
USA, California, Greater San Francisco Bay Area: Filipino	8.8	0.4	0.1	0.5	0.1	0.2	0.2	-	0.1	**63**	93
USA, California, Greater San Francisco Bay Area: Hispanic White	9.1	1.0	0.3	0.3	0.1	-	0.0	-	0.2	**157**	240
USA, California, Greater San Francisco Bay Area: Japanese	6.4	0.4	0.3	-	-	-	-	-	-	**14**	21
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	3.8	0.7	0.1	0.1	0.1	0.0	-	-	0.1	**426**	616
USA, California, Los Angeles County	6.6	0.6	0.5	0.2	0.1	0.0	0.0	0.0	0.2	**1479**	2083
USA, California, Los Angeles County: Black	7.5	0.5	0.3	0.2	0.1	0.0	0.1	-	0.2	**161**	224
USA, California, Los Angeles County: Chinese	14.1	0.9	0.8	0.4	0.5	-	0.1	-	0.5	**142**	190
USA, California, Los Angeles County: Filipino	10.2	0.8	0.8	0.5	-	0.2	-	-	0.1	**80**	99
USA, California, Los Angeles County: Hispanic White	8.4	0.6	0.5	0.3	0.1	-	0.0	0.0	0.3	**392**	591
USA, California, Los Angeles County: Japanese	5.3	0.6	0.7	0.1	0.9	-	-	-	0.3	**21**	36
USA, California, Los Angeles County: Korean	22.7	1.3	1.5	0.7	0.5	-	-	-	0.8	**95**	144
USA, California, Los Angeles County: Non-Hispanic White	3.6	0.6	0.4	0.1	0.1	0.0	0.0	0.0	0.1	**472**	642
USA, California: Asian and Pacific Islander	14.4	1.0	0.5	0.4	0.1	0.0	0.1	0.0	0.4	**1304**	1858
USA, California: Black	7.7	0.5	0.4	0.3	0.0	0.0	0.0	-	0.2	**374**	525
USA, California: Hispanic White	8.3	0.8	0.4	0.4	0.1	0.0	0.0	0.0	0.4	**1045**	1594
USA, California: Non-hispanic White	3.4	0.6	0.2	0.1	0.1	0.0	0.0	0.0	0.2	**2134**	2987
USA, Colorado	3.0	0.4	0.1	0.1	0.0	0.0	0.0	-	0.4	**383**	537
USA, Connecticut	3.6	0.8	0.2	0.3	0.1	0.0	0.0	-	0.1	**499**	602
USA, Connecticut: Black	6.1	1.2	0.1	0.4	-	-	-	-	-	**50**	57
USA, Connecticut: White	3.3	0.8	0.2	0.2	0.1	0.0	0.0	-	0.1	**434**	527
USA, District of Columbia	5.7	0.7	0.4	0.2	-	-	0.0	0.2	1.1	**101**	135
USA, District of Columbia: Black	6.5	0.8	0.4	0.1	-	-	-	0.3	1.6	**69**	98
USA, District of Columbia: White	4.3	0.3	0.3	0.3	-	-	0.1	-	0.2	**26**	30
USA, Florida	3.4	0.5	0.2	0.2	0.1	0.0	0.0	0.0	0.8	**2457**	3370
USA, Florida: Black	4.2	0.6	0.1	0.3	0.1	0.0	-	0.0	1.1	**263**	358
USA, Florida: White	3.1	0.5	0.2	0.2	0.0	0.0	0.0	0.0	0.8	**2111**	2914
USA, Georgia	2.8	0.5	0.1	0.1	0.1	0.0	0.0	-	0.2	**691**	872
USA, Georgia, Atlanta	3.7	0.7	0.1	0.1	0.0	-	-	-	0.1	**263**	326
USA, Georgia, Atlanta: Black	4.7	0.5	0.0	0.1	0.1	-	-	-	0.1	**83**	108
USA, Georgia, Atlanta: White	2.6	0.8	0.1	0.0	-	-	-	-	0.1	**143**	170
USA, Georgia: Black	3.5	0.5	0.1	0.2	0.0	0.0	-	-	0.2	**170**	216
USA, Georgia: White	2.4	0.5	0.1	0.1	0.1	0.0	0.0	-	0.2	**480**	603
USA, Idaho	1.9	0.8	0.1	0.1	-	0.0	-	-	0.2	**86**	130
USA, Illinois	3.7	0.7	0.2	0.3	0.1	0.0	0.0	0.0	0.3	**1547**	2031
USA, Illinois: Black	5.7	0.8	0.1	0.6	0.1	0.0	0.1	-	0.6	**241**	343
USA, Illinois: White	3.2	0.7	0.2	0.3	0.1	0.0	0.0	0.0	0.2	**1189**	1553
USA, Indiana	2.9	0.4	0.1	0.2	0.1	0.0	0.0	-	0.2	**572**	766
USA, Iowa	2.4	0.6	0.2	0.1	0.1	0.0	0.0	-	0.2	**288**	379
USA, Kentucky	2.7	0.5	0.2	0.2	0.0	0.0	0.0	0.0	0.1	**395**	516
USA, Louisiana	4.3	0.7	0.1	0.4	0.1	0.0	0.1	0.0	0.5	**640**	853
USA, Louisiana, New Orleans: Black	6.3	1.0	0.1	0.2	-	-	-	0.1	1.5	**62**	86
USA, Louisiana, New Orleans: White	6.0	0.6	0.1	0.1	0.1	-	-	-	0.6	**127**	162
USA, Louisiana: Black	4.8	0.9	0.0	0.6	0.0	-	-	0.0	0.7	**169**	228
USA, Louisiana: White	3.9	0.7	0.1	0.3	0.2	0.0	0.0	-	0.5	**441**	591
USA, Maine	2.6	0.7	0.1	0.2	0.1	-	0.0	0.0	0.3	**121**	196
USA, Massachusetts	4.0	0.6	0.1	0.1	0.1	0.0	-	-	0.6	**867**	1162

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Liver (C22) - Male (Contd)

	Carcinoma				Hepato-	Sarcoma		Other	Unspec.	Number of cases	
	Hepato	Cholangio	Other	Unspec.	blastoma	Haemangio	Other			MV	Total
America, North (Contd)											
USA, Michigan	3.3	0.8	0.2	0.2	0.1	0.0	0.0	0.0	0.4	**1230**	1613
USA, Michigan, Detroit	4.6	0.8	0.2	0.4	0.0	0.0	0.0	-	0.2	**618**	791
USA, Michigan, Detroit: Black	7.9	0.9	0.2	0.5	-	-	0.0	-	0.2	**189**	233
USA, Michigan, Detroit: White	3.6	0.7	0.2	0.4	0.0	0.0	0.0	-	0.2	**404**	529
USA, Michigan: Black	7.1	0.7	0.2	0.4	-	-	0.0	-	0.5	**224**	295
USA, Michigan: White	2.7	0.8	0.2	0.2	0.1	0.0	0.0	0.0	0.4	**956**	1257
USA, Missouri	2.9	0.6	0.2	0.2	0.1	0.0	0.0	0.0	0.5	**621**	813
USA, Missouri: Black	7.4	0.8	0.2	0.2	0.2	-	0.1	-	1.7	**111**	146
USA, Missouri: White	2.4	0.5	0.2	0.2	0.1	0.0	0.0	0.0	0.4	**491**	646
USA, Montana	2.1	0.4	0.1	0.3	-	-	-	-	-	**62**	99
USA, New Jersey	4.1	0.7	0.2	0.2	0.1	0.0	0.0	0.0	0.5	**1242**	1621
USA, New Jersey: Black	5.9	0.9	0.2	0.4	-	0.0	-	-	0.8	**170**	229
USA, New Jersey: White	3.5	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.5	**965**	1247
USA, New Mexico	4.5	0.7	0.2	0.3	0.1	0.0	-	-	0.4	**249**	368
USA, New Mexico: American Indian	7.0	1.8	0.3	0.7	0.3	-	-	-	0.5	**23**	37
USA, New Mexico: Hispanic White	7.7	0.7	0.4	0.3	0.1	-	-	-	0.5	**120**	175
USA, New Mexico: Non-Hispanic White	2.5	0.6	0.1	0.3	0.1	0.0	-	-	0.3	**97**	145
USA, New York state	5.1	0.8	0.2	0.3	0.1	0.0	0.0	0.0	0.4	**3028**	4206
USA, New York state: Black	6.7	0.9	0.2	0.6	0.1	0.0	-	-	0.8	**449**	616
USA, New York state: White	4.2	0.8	0.2	0.2	0.1	0.0	0.0	0.0	0.3	**2226**	3072
USA, NPCR	3.9	0.7	0.2	0.2	0.1	0.0	0.0	0.0	0.4	**28846**	39416
USA, NPCR: Black	5.8	0.7	0.2	0.4	0.0	0.0	0.0	0.0	0.7	**3534**	4843
USA, NPCR: White	3.3	0.6	0.2	0.2	0.1	0.0	0.0	0.0	0.4	**22272**	30392
USA, Ohio	2.5	0.6	0.1	0.4	0.1	0.0	0.0	-	0.3	**1226**	1576
USA, Ohio: Black	5.8	0.8	0.1	0.9	0.1	-	0.1	-	0.6	**196**	265
USA, Ohio: White	2.0	0.6	0.1	0.3	0.1	0.0	0.0	-	0.3	**974**	1247
USA, Oklahoma	2.2	0.4	0.2	0.2	0.0	-	0.0	0.0	1.1	**313**	495
USA, Oregon	2.9	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.2	**285**	462
USA, Pennsylvania	3.9	0.7	0.3	0.2	0.0	0.0	0.0	-	0.2	**1868**	2366
USA, Pennsylvania: Black	9.8	0.6	0.3	0.4	-	-	-	-	0.4	**275**	354
USA, Pennsylvania: White	3.2	0.6	0.2	0.1	0.1	0.0	0.0	-	0.1	**1473**	1865
USA, Rhode Island	4.1	0.6	0.3	0.1	0.0	0.0	0.0	-	0.2	**159**	201
USA, SEER (9 registries)	4.5	0.7	0.2	0.2	0.1	0.0	0.0	0.0	0.2	**3585**	4885
USA, SEER (9 registries): Black	7.2	0.8	0.2	0.3	0.0	-	0.0	-	0.2	**446**	584
USA, SEER (9 registries): White	3.3	0.7	0.1	0.2	0.1	0.0	0.0	0.0	0.1	**2365**	3210
USA, SEER (14 registries)	4.7	0.7	0.2	0.2	0.1	0.0	0.0	0.0	0.3	**10058**	13843
USA, SEER (14 registries): Asian and Pacific Islander	12.7	1.0	0.4	0.3	0.1	0.0	0.1	0.0	0.5	**1858**	2592
USA, SEER (14 registries): Black	6.4	0.7	0.2	0.4	0.0	0.0	0.0	0.0	0.4	**1115**	1483
USA, SEER (14 registries): Hispanic White	7.9	0.7	0.4	0.3	0.1	0.0	0.0	0.0	0.4	**1397**	2082
USA, SEER (14 registries): Non-hispanic White	3.1	0.6	0.2	0.2	0.1	0.0	0.0	0.0	0.2	**5553**	7485
USA, South Carolina	2.9	0.6	0.1	0.3	0.1	0.0	0.0	0.0	0.4	**434**	583
USA, South Carolina: Black	3.1	0.6	0.0	0.3	0.0	-	0.0	0.1	0.6	**97**	141
USA, South Carolina: White	2.7	0.6	0.1	0.2	0.1	0.0	0.0	0.0	0.3	**325**	427
USA, Texas	5.1	0.7	0.2	0.2	0.1	0.0	0.0	0.0	0.6	**2854**	4014
USA, Texas: Black	6.5	0.8	0.2	0.1	0.1	-	0.0	0.0	1.0	**313**	463
USA, Texas: White	4.7	0.6	0.2	0.2	0.1	0.0	0.0	0.0	0.6	**2355**	3301
USA, Utah	2.3	0.5	0.1	0.0	0.0	-	-	-	0.0	**127**	163
USA, Vermont	2.2	0.6	0.3	0.1	-	-	-	-	0.1	**64**	73
USA, Washington State	3.8	0.8	0.2	0.2	0.0	0.0	0.0	0.0	0.2	**681**	991
USA, Washington, Seattle	4.4	0.8	0.2	0.2	0.0	0.0	0.0	0.0	0.2	**505**	748
USA, West Virginia	2.2	0.8	0.2	0.2	0.1	0.0	0.0	-	0.2	**210**	259
USA, Wisconsin	2.8	0.9	0.1	0.2	0.1	0.0	0.0	-	0.6	**688**	893
Asia											
Bahrain: Bahraini	3.4	1.4	-	0.4	0.1	-	-	-	-	**20**	30
China, Guangzhou City	21.0	0.3	0.1	20.7	0.1	-	-	0.0	0.3	**706**	2425 *
China, Hong Kong	19.1	1.6	0.1	0.3	0.1	0.0	0.0	0.0	8.2	**3669**	6289
China, Jiashan	5.1	1.3	0.1	0.1	-	-	-	-	27.3	**88**	440 *
China, Nangang District, Harbin City	-	-	-	-	-	-	-	-	30.3	**487**	713
China, Shanghai	0.8	0.2	0.0	0.0	-	-	-	-	24.8	**1070**	6001 *
China, Zhongshan	5.0	0.3	0.1	20.3	-	-	0.0	-	-	**353**	857 *
Cyprus	1.5	0.9	0.2	0.3	0.1	-	0.1	-	0.2	**67**	74 *
India, Chennai (Madras)	1.7	0.3	0.1	0.0	0.0	-	-	-	0.8	**185**	269
India, Karunagappally	0.9	0.6	0.2	0.3	-	-	-	-	1.8	**18**	34
India, Mumbai (Bombay)	2.6	0.6	0.1	0.1	0.0	-	-	-	1.1	**685**	895
India, Nagpur	1.2	0.3	-	-	-	-	-	-	0.1	**60**	65 *
India, New Delhi	0.9	0.5	0.0	0.4	0.0	-	-	-	0.5	**389**	491 *
India, Poona	3.3	0.1	-	-	-	-	-	-	-	**165**	209 *
India, Trivandrum	1.3	0.1	-	0.2	0.0	-	-	-	1.2	**50**	78 *
Israel	2.4	0.2	0.2	0.0	0.1	0.0	0.0	-	0.4	**310**	556
Israel: Jews	2.3	0.2	0.1	0.0	0.0	0.0	0.0	-	0.3	**273**	463
Israel: Non-Jews	1.8	0.1	0.2	0.1	0.1	0.1	-	-	0.4	**32**	42
Japan, Aichi Prefecture	11.8	1.0	-	-	-	-	-	-	9.2	**509**	862
Japan, Fukui Prefecture	19.1	1.0	-	-	0.2	-	-	-	0.1	**144**	815
Japan, Hiroshima	35.6	1.7	0.2	2.1	0.1	-	-	0.0	0.1	**583**	1632
Japan, Miyagi Prefecture	11.4	1.2	0.1	0.1	0.2	0.0	0.0	-	3.4	**536**	1709
Japan, Nagasaki Prefecture	22.3	0.9	0.3	2.2	0.2	-	0.0	0.0	0.8	**640**	1923
Japan, Osaka Prefecture	30.4	1.6	0.2	0.0	0.1	0.0	0.0	0.0	3.3	**12227**	13494
Japan, Yamagata Prefecture	5.7	0.6	0.1	0.0	0.1	-	-	-	7.8	**262**	969
Korea	34.6	2.9	0.9	0.2	0.1	0.0	0.0	0.0	6.2	**9822**	40709
Korea, Busan	37.8	2.5	0.9	0.2	0.0	0.0	0.0	-	8.3	**881**	4438
Korea, Daegu	33.8	2.7	1.2	0.1	0.0	0.0	0.0	-	8.2	**796**	2582
Korea, Daejeon	26.9	2.6	1.1	0.2	0.0	-	0.1	-	4.5	**277**	990
Korea, Gwangju	38.1	2.4	0.8	0.1	0.1	-	0.1	-	8.7	**235**	1349
Korea, Incheon	28.7	2.7	1.2	0.2	0.1	0.0	0.0	-	3.9	**467**	1961

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Liver (C22) - Male (Contd)

	Carcinoma				Hepato-	Sarcoma		Other	Unspec.	Number of cases	
	Hepato	Cholangio	Other	Unspec.	blastoma	Haemangio	Other			MV	Total
Asia (Contd)											
Korea, Jejudo	37.6	2.2	0.9	-	0.2	-	-	-	3.5	**82**	352
Korea, Seoul	34.2	2.6	0.8	0.2	0.1	0.0	0.0	0.0	6.2	**2277**	9909
Korea, Ulsan	28.1	3.8	1.6	0.2	-	-	0.1	-	8.9	**220**	659
Kuwait: Kuwaitis	3.4	0.2	-	1.0	0.1	-	-	-	3.3	**26**	74
Kuwait: Non-Kuwaitis	1.8	-	0.0	0.2	-	-	-	-	3.9	**33**	77
Malaysia, Penang	6.4	1.0	0.3	0.5	-	0.1	0.1	-	2.2	**115**	209
Malaysia, Sarawak	6.6	0.2	0.2	-	-	-	0.0	-	2.1	**175**	325
Oman: Omani	5.3	1.1	0.2	0.3	0.0	-	0.1	-	0.4	**107**	124 *
Pakistan, South Karachi	4.2	0.7	0.1	0.2	-	0.0	-	-	0.2	**78**	138 *
Philippines, Manila	12.7	0.6	0.1	2.5	0.1	0.0	0.0	-	5.6	**403**	1570 *
Singapore	5.0	0.3	0.1	0.1	0.1	-	0.0	-	13.2	**458**	1522
Singapore: Chinese	5.8	0.4	0.1	0.1	0.1	-	0.0	-	14.8	**419**	1352
Singapore: Indian	1.3	0.1	-	0.3	-	-	-	-	6.4	**13**	59
Singapore: Malay	2.3	0.1	-	0.1	0.1	-	-	-	9.6	**26**	111
Thailand, Chiang Mai	4.7	3.8	-	0.0	0.0	-	0.0	0.1	9.8	**338**	730 *
Thailand, Lampang	3.7	3.3	0.0	0.1	-	-	-	-	25.1	**164**	723 *
Thailand, Songkhla	2.3	0.5	0.0	0.0	-	-	0.0	-	5.7	**82**	233
Turkey, Antalya	2.6	0.5	0.2	0.0	-	-	-	-	0.4	**96**	109 *
Turkey, Izmir	2.3	0.2	0.2	0.0	0.1	-	0.0	-	0.3	**143**	253 *
Europe											
Austria	5.4	1.0	0.4	0.3	0.1	0.0	0.0	-	1.3	**1897**	2604
Austria, Tyrol	5.8	0.5	0.4	0.1	-	0.0	-	-	0.5	**101**	174
Austria, Vorarlberg	3.2	0.3	0.8	0.2	-	-	-	-	2.5	**49**	79
Belarus	0.5	0.4	0.1	0.3	0.0	0.0	0.0	-	2.1	**428**	998 *
Belgium, Antwerp	0.9	0.1	0.1	-	-	0.0	-	-	0.0	**71**	88 *
Belgium, Flanders	1.4	0.5	0.1	0.1	0.1	0.0	0.0	-	0.2	**369**	496
Bulgaria	0.7	0.1	0.0	0.0	0.0	0.0	0.0	-	4.9	**299**	1949 *
Croatia	1.9	0.5	0.1	0.5	0.1	0.0	-	-	3.7	**517**	1162
Czech Republic	3.7	0.8	0.1	0.1	0.1	0.0	0.0	-	2.2	**1591**	2569
Denmark	2.0	0.9	0.2	0.2	0.1	0.0	0.0	-	0.6	**735**	878
Estonia	1.6	0.6	0.2	0.3	0.3	0.1	0.0	-	1.1	**140**	182
Finland *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	5.9	1.2	0.1	0.2	0.1	0.1	0.0	-	6.0	**268**	485
France, Calvados	10.9	0.5	-	0.1	-	-	-	-	3.8	**109**	372
France, Doubs	6.6	1.1	0.0	0.1	-	0.1	-	-	0.1	**83**	150
France, Haut-Rhin	7.7	1.3	0.2	0.0	0.1	-	0.0	-	2.1	**201**	301
France, Herault	7.7	1.1	-	-	-	-	-	-	0.1	**296**	339
France, Isere	8.8	0.7	0.1	0.1	-	0.0	-	-	2.0	**273**	475
France, Loire-Atlantique	10.9	0.9	0.1	0.1	0.0	-	-	-	2.7	**424**	588
France, Manche	4.5	0.5	0.2	0.0	0.2	-	-	-	1.0	**65**	128
France, Somme	6.6	0.7	0.1	0.1	-	-	-	-	0.3	**121**	162
France, Tarn	3.4	0.5	0.1	-	-	-	-	-	0.9	**62**	93
France, Vendee	5.9	0.9	0.2	0.4	-	0.0	-	-	0.5	**154**	197
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	3.7	0.8	0.4	0.0	0.1	-	0.0	-	-	**166**	355
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
Germany, Munich	3.7	0.3	0.1	0.0	0.0	-	0.0	-	0.1	**395**	407
Germany, Northrhine-Westphalia: Munster	4.5	0.4	0.5	0.2	0.0	0.1	0.0	-	0.1	**477**	615
Germany, Saarland	3.9	0.8	0.3	0.1	0.1	-	0.0	-	1.6	**226**	323
Iceland	1.5	0.3	-	-	-	-	-	-	-	**19**	20
Ireland	1.1	0.3	0.0	0.0	0.1	-	-	0.0	1.0	**156**	291
Italy, Biella Province	4.7	0.3	-	0.1	-	-	-	-	9.3	**45**	149
Italy, Brescia Province	15.7	1.2	0.8	0.4	0.2	0.0	-	-	11.2	**423**	732
Italy, Ferrara Province	5.3	0.6	0.1	0.6	-	-	-	-	4.9	**113**	243
Italy, Florence and Prato	2.8	0.5	0.2	0.2	-	0.0	0.0	-	5.2	**252**	558
Italy, Genoa Province	6.9	0.6	0.2	0.2	-	-	-	-	3.6	**138**	351
Italy, Macerata Province	2.2	0.1	0.2	0.3	-	-	-	-	4.5	**29**	75
Italy, Milan	8.5	0.5	-	-	0.1	-	-	-	6.0	**388**	794
Italy, Modena Province	4.6	0.4	-	0.2	-	-	-	-	5.1	**151**	333
Italy, Naples	25.0	0.6	1.6	0.9	-	-	0.1	-	6.6	**173**	535
Italy, North East Cancer Surveillance Network	7.5	1.2	0.2	0.9	-	0.0	0.0	-	7.6	**943**	1709
Italy, Parma Province	14.3	0.7	0.7	0.4	-	0.0	-	-	3.8	**206**	450
Italy, Ragusa Province	3.8	0.3	0.3	-	-	-	-	-	10.2	**47**	188
Italy, Reggio Emilia Province	7.5	1.2	0.0	0.2	-	-	-	-	1.2	**109**	224
Italy, Romagna Region	3.9	0.3	0.1	0.1	0.2	-	-	-	2.4	**208**	354
Italy, Salerno Province	4.3	1.1	0.1	0.7	-	-	-	-	8.5	**210**	510
Italy, Sassari Province	7.9	0.8	0.1	0.3	-	0.0	-	-	6.8	**176**	316
Italy, Sondrio	10.1	1.1	-	0.5	-	0.1	-	-	14.2	**94**	192
Italy, Syracuse Province	6.2	0.1	0.4	-	-	-	-	-	4.6	**40**	145
Italy, Torino	3.8	0.4	0.1	0.1	-	-	0.0	-	8.5	**213**	608
Italy, Umbria Region	7.9	0.3	0.0	0.1	-	-	0.0	-	1.0	**289**	456
Italy, Varese Province	14.2	0.6	-	0.0	-	-	0.1	-	-	**212**	308
Italy, Veneto Region	9.4	0.8	0.1	0.3	-	0.0	-	-	7.6	**687**	1325
Latvia	1.1	0.0	-	-	-	0.0	0.0	-	2.9	**53**	313
Lithuania	1.1	0.5	0.1	0.1	0.0	-	0.0	-	2.1	**245**	420
Malta	1.1	0.4	0.1	0.2	-	0.1	-	-	0.7	**21**	35
Norway	1.4	0.3	0.0	0.1	0.0	0.0	-	-	0.2	**324**	388
Poland, Cracow	1.0	0.3	0.1	0.4	-	-	-	-	1.8	**49**	92 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
Poland, Warsaw City	1.3	0.2	0.0	0.1	-	-	-	-	1.3	**121**	182
Portugal, Porto	2.1	0.5	0.1	0.1	0.1	-	-	-	0.3	**294**	330 *
Portugal, South Regional	2.4	0.4	0.2	0.1	0.1	-	0.0	-	2.2	**340**	623
Russia, St Petersburg	0.6	0.3	0.0	0.2	0.1	0.0	-	-	3.5	**312**	651

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Liver (C22) - Male (Contd)

	Carcinoma				Hepato-	Sarcoma		Other	Unspec.	Number of cases	
	Hepato	Cholangio	Other	Unspec.	blastoma	Haemangio	Other			MV	Total
Europe (Contd)											
Serbia	1.3	1.1	0.3	0.4	0.0	0.0	-	-	2.2	**599**	1070
Slovak Republic	2.2	0.7	0.3	0.3	0.1	0.0	0.0	0.0	3.0	**530**	1041
Slovenia	3.1	0.6	0.1	0.1	0.1	0.0	-	-	1.9	**381**	415
Spain, Albacete	3.1	0.5	0.2	0.1	-	-	-	-	1.0	**28**	66
Spain, Asturias	7.4	0.8	0.3	0.1	0.3	0.0	-	-	1.0	**280**	491
Spain, Basque Country	5.8	0.6	0.3	0.1	0.1	0.0	-	-	3.9	**313**	778
Spain, Canary Islands	5.6	0.7	0.1	0.1	-	-	0.0	-	1.9	**218**	395
Spain, Cuenca	2.3	0.4	0.2	0.1	-	-	-	-	1.6	**25**	61
Spain, Girona	3.8	0.6	0.1	0.4	-	0.0	-	-	4.3	**113**	219
Spain, Granada	2.2	0.1	0.3	0.3	-	-	-	-	5.0	**86**	264
Spain, Murcia	4.0	0.4	0.5	0.2	-	-	-	-	1.9	**190**	285
Spain, Navarra	5.5	1.0	0.5	-	-	-	-	-	0.7	**120**	202
Spain, Tarragona	5.1	0.2	0.1	0.2	-	0.1	-	-	2.7	**105**	177
Spain, Zaragoza	3.5	0.5	0.1	0.2	0.1	-	0.0	-	0.9	**158**	194
Sweden	2.2	0.6	0.1	0.0	0.1	0.0	0.0	-	0.0	**1241**	1250
Switzerland, Geneva	5.5	0.5	0.2	-	-	-	0.1	-	5.5	**95**	176
Switzerland, Graubunden and Glarus	2.7	0.5	0.4	-	-	-	-	-	2.7	**26**	57
Switzerland, Neuchatel	4.1	0.6	0.2	-	-	-	-	-	3.5	**34**	58
Switzerland, St Gall-Appenzell	3.1	0.2	-	-	-	0.1	-	-	0.9	**67**	88
Switzerland, Ticino	11.9	1.3	0.1	0.6	-	0.1	-	-	2.3	**110**	216
Switzerland, Valais	5.3	0.5	0.2	0.2	0.2	-	-	-	5.6	**61**	125
Switzerland, Vaud	5.3	0.8	0.1	0.1	0.1	0.1	-	-	2.7	**150**	214
The Netherlands	1.1	0.2	0.0	0.0	0.1	0.0	0.0	0.0	0.4	**810**	1029
The Netherlands, Eindhoven	0.6	0.1	0.1	-	-	0.0	-	-	0.3	**30**	40
The Netherlands, Maastricht	1.2	0.1	0.0	-	0.1	0.0	-	-	0.2	**50**	58
UK, England, East of England Region	1.0	0.7	0.0	-	-	0.0	0.0	-	-	**112**	223
UK, England, Merseyside and Cheshire	1.7	2.3	0.4	0.5	0.1	0.0	0.0	0.0	0.1	**269**	506
UK, England, North Western	1.9	1.4	0.0	0.3	0.1	0.0	0.0	-	0.0	**278**	634
UK, England, Northern And Yorkshire	1.8	1.0	0.0	0.0	0.0	-	0.0	-	0.1	**364**	825
UK, England, Oxford Region	1.4	0.8	0.0	-	0.0	-	0.1	-	0.0	**136**	239
UK, England, South and Western Regions	1.5	0.8	0.0	0.0	0.0	0.0	0.0	-	0.6	**377**	907
UK, England, Thames	1.9	0.7	0.0	0.3	0.1	0.0	0.0	-	0.4	**805**	1736
UK, England, Trent	1.4	1.1	0.0	0.2	0.0	0.0	0.0	-	0.1	**289**	595
UK, England, West Midlands	1.7	0.5	0.0	0.0	0.0	0.0	0.0	-	0.4	**296**	616
UK, Northern Ireland	0.7	0.3	0.1	0.1	0.1	0.0	0.0	-	1.0	**65**	136
UK, Scotland	2.2	1.0	0.1	0.2	0.1	0.0	0.0	-	0.3	**408**	794
Oceania											
Australia, New South Wales	3.4	0.6	0.1	0.0	0.1	0.0	-	-	0.1	**658**	997
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-	-	-
Australia, Queensland	2.5	0.8	0.1	0.1	0.1	0.0	-	0.0	0.0	**227**	439
Australia, South	2.7	0.4	0.1	0.0	-	0.0	-	-	0.1	**77**	196
Australia, Tasmania	1.6	0.5	-	0.1	0.3	0.0	-	-	1.0	**40**	55
Australia, Victoria	2.4	0.3	0.0	0.0	0.1	0.0	0.0	-	2.0	**465**	836
Australia, Western	2.8	0.5	0.1	0.2	0.1	-	0.0	-	0.1	**150**	229
Australian Capital Territory	2.8	1.0	-	-	0.2	0.1	-	-	-	**24**	34
French Polynesia	9.5	0.3	0.2	0.5	-	-	-	-	2.9	**43**	59
New Zealand	3.1	0.6	0.0	0.0	0.0	0.0	-	-	0.4	**335**	506
USA, Hawaii	6.7	1.0	0.0	0.1	0.2	0.0	0.0	-	1.1	**296**	395
USA, Hawaii: Chinese	10.4	2.3	-	-	-	-	-	-	1.2	**35**	46
USA, Hawaii: Filipino	8.0	1.0	-	0.2	-	-	0.1	-	1.0	**54**	68
USA, Hawaii: Hawaiian	7.6	1.3	-	0.2	0.4	-	-	-	1.5	**44**	54
USA, Hawaii: Japanese	5.8	1.2	0.0	-	0.6	0.1	-	-	0.7	**84**	107
USA, Hawaii: White	4.1	0.3	0.1	0.1	-	-	-	-	0.9	**43**	69

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Liver (C22) - Female

	Carcinoma				Hepato-	Sarcoma		Other	Unspec.	Number of cases	
	Hepato	Cholangio	Other	Unspec.	blastoma	Haemangio	Other			MV	Total
Africa											
Algeria, Setif	-	0.3	-	0.0	-	-	0.0	-	0.4	**10**	16 *
Egypt, Gharbiah	4.1	0.1	0.1	0.0	0.0	0.0	-	-	0.0	**88**	227
Tunisia, Centre, Sousse	0.3	0.1	0.1	-	-	-	-	-	0.2	**5**	7 *
Uganda, Kyadondo County	1.3	0.3	-	0.1	-	-	-	-	4.2	**21**	73 *
Zimbabwe, Harare: African	12.0	0.3	0.1	0.1	0.0	-	-	-	0.1	**23**	159 *
America, Central and South											
Argentina, Bahia Blanca	0.6	0.1	-	0.4	-	-	-	-	0.2	**9**	16
Brazil, Brasilia	0.6	2.4	0.2	0.5	0.0	0.1	0.0	-	2.0	**122**	148
Brazil, Cuiaba	0.2	1.3	-	0.6	-	-	-	-	1.8	**16**	26
Brazil, Goiania	0.3	0.3	0.1	0.1	-	-	-	-	0.5	**11**	22
Brazil, Sao Paulo	0.6	0.3	0.1	0.0	0.0	-	-	-	0.1	**274**	300
Chile, Valdivia	0.6	0.4	0.4	-	0.2	-	-	-	2.1	**15**	41
Colombia, Cali	0.6	1.0	0.1	0.1	-	-	0.0	-	0.9	**85**	124
Costa Rica	0.5	0.2	0.1	0.1	0.0	-	0.0	-	2.9	**66**	321
Ecuador, Quito	1.2	0.8	0.1	0.1	0.1	-	-	0.0	1.6	**35**	129
France, La Martinique	0.8	0.1	0.2	0.1	-	-	-	-	0.2	**21**	25
Peru, Trujillo	0.8	0.2	-	-	0.1	-	-	-	-	**13**	13 *
America, North											
Canada (excluding Quebec, Yukon and Nunavut)	0.7	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.2	**726**	1393
Canada, Alberta	0.8	0.4	0.1	0.0	0.1	-	-	-	0.1	**91**	164
Canada, British Columbia	0.8	0.4	0.1	0.1	0.0	0.0	0.0	-	0.1	**157**	309
Canada, Manitoba	0.8	0.3	0.1	0.0	0.1	-	-	-	0.2	**27**	79
Canada, New Brunswick	0.1	0.4	0.0	0.0	0.0	-	0.0	-	0.0	**17**	25
Canada, Newfoundland and Labrador	0.6	0.1	0.2	0.0	0.2	-	-	-	-	**15**	18
Canada, Northwest Territories	-	-	-	-	-	-	-	-	-	**0**	0
Canada, Nova Scotia	0.3	0.2	0.1	-	0.1	-	0.1	-	0.1	**22**	45
Canada, Ontario	0.7	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.4	**375**	708
Canada, Prince Edward Island	0.2	0.2	0.1	-	-	-	-	-	0.2	**3**	5
Canada, Saskatchewan	0.4	0.1	0.0	0.1	0.1	0.0	-	-	0.2	**19**	40
USA, Alabama	0.8	0.5	0.1	0.2	0.0	0.0	0.0	-	0.2	**228**	359
USA, Alabama: Black	0.9	0.5	0.1	0.2	0.1	-	0.0	-	0.2	**54**	81
USA, Alabama: White	0.7	0.5	0.1	0.2	0.0	0.0	0.0	-	0.2	**170**	271
USA, Alaska	2.3	0.5	0.1	0.1	0.1	-	-	-	0.1	**33**	47
USA, Arizona	1.0	0.3	0.1	0.1	0.1	0.0	0.0	-	0.1	**238**	345
USA, California	1.7	0.5	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**2246**	3296
USA, California, Greater San Francisco Bay Area	2.0	0.5	0.1	0.1	0.1	0.0	0.0	-	0.1	**433**	713
USA, California, Greater San Francisco Bay Area: Black	2.2	0.6	0.0	0.2	-	-	0.1	-	0.1	**37**	56
USA, California, Greater San Francisco Bay Area: Chinese	3.8	0.4	0.3	0.0	0.2	0.1	-	-	0.1	**57**	92
USA, California, Greater San Francisco Bay Area: Filipino	2.5	0.9	0.1	0.2	-	-	-	-	-	**32**	47
USA, California, Greater San Francisco Bay Area: Hispanic White	3.2	0.9	0.2	0.0	-	0.0	-	-	0.2	**78**	114
USA, California, Greater San Francisco Bay Area: Japanese	2.9	0.2	0.4	0.1	-	-	-	-	0.1	**12**	22
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	1.0	0.3	0.1	0.1	0.1	0.0	0.0	-	0.0	**165**	276
USA, California, Los Angeles County	2.1	0.6	0.2	0.1	0.1	0.0	0.0	0.0	0.1	**752**	1072
USA, California, Los Angeles County: Black	1.8	0.4	0.3	0.1	0.1	-	-	-	0.1	**64**	92
USA, California, Los Angeles County: Chinese	4.8	0.5	0.2	0.4	-	-	-	-	0.2	**60**	84
USA, California, Los Angeles County: Filipino	1.6	0.7	0.1	-	-	0.1	-	-	0.1	**27**	33
USA, California, Los Angeles County: Hispanic White	2.8	0.8	0.3	0.2	0.0	0.0	0.0	-	0.2	**238**	340
USA, California, Los Angeles County: Japanese	4.6	0.9	0.4	0.3	0.9	-	-	-	0.2	**32**	46
USA, California, Los Angeles County: Korean	9.1	0.7	0.3	0.1	-	-	-	-	0.1	**48**	73
USA, California, Los Angeles County: Non-Hispanic White	1.2	0.4	0.2	0.0	0.1	0.0	0.0	0.0	0.1	**242**	348
USA, California: Asian and Pacific Islander	4.5	0.6	0.2	0.2	0.1	0.0	0.0	-	0.2	**535**	804
USA, California: Black	1.9	0.4	0.2	0.1	0.0	-	0.0	-	0.1	**141**	207
USA, California: Hispanic White	2.7	0.7	0.2	0.1	0.1	0.0	0.0	-	0.2	**536**	768
USA, California: Non-hispanic White	1.0	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**1003**	1475
USA, Colorado	1.0	0.4	0.1	0.0	0.0	-	0.0	-	0.1	**187**	257
USA, Connecticut	1.0	0.4	0.0	0.2	0.1	0.0	0.0	-	0.0	**222**	276
USA, Connecticut: Black	1.6	0.1	-	0.1	0.2	-	-	-	0.1	**14**	18
USA, Connecticut: White	0.9	0.4	0.1	0.2	0.1	0.0	0.0	-	0.0	**199**	249
USA, District of Columbia	1.7	0.3	0.1	-	-	-	-	-	0.1	**44**	56
USA, District of Columbia: Black	2.2	0.2	0.1	-	-	-	-	-	0.1	**37**	49
USA, District of Columbia: White	0.6	0.5	-	-	-	-	-	-	-	**7**	7
USA, Florida	0.8	0.4	0.1	0.1	0.1	0.0	0.0	-	0.2	**1093**	1550
USA, Florida: Black	1.1	0.5	0.1	0.1	0.0	-	0.0	-	0.3	**110**	153
USA, Florida: White	0.8	0.4	0.1	0.1	0.1	0.0	0.0	-	0.2	**948**	1356
USA, Georgia	0.7	0.4	0.1	0.1	0.0	0.0	0.0	-	0.2	**329**	457
USA, Georgia, Atlanta	1.0	0.3	0.1	0.1	0.0	-	0.0	-	0.0	**109**	143
USA, Georgia, Atlanta: Black	1.5	0.4	-	0.1	-	-	0.1	-	0.1	**38**	53
USA, Georgia, Atlanta: White	0.6	0.3	0.1	0.1	0.0	-	-	-	0.0	**55**	73
USA, Georgia: Black	0.8	0.4	0.1	0.1	0.0	-	0.1	-	0.1	**78**	108
USA, Georgia: White	0.6	0.4	0.1	0.1	0.0	0.0	0.0	-	0.2	**228**	323
USA, Idaho	0.7	0.5	0.1	0.0	-	-	0.0	-	0.0	**54**	74
USA, Illinois	1.0	0.5	0.1	0.1	0.1	0.0	0.0	-	0.1	**751**	1074
USA, Illinois: Black	1.8	0.5	0.0	0.2	0.1	0.0	0.0	-	0.2	**125**	185
USA, Illinois: White	0.9	0.5	0.1	0.1	0.0	0.0	0.0	-	0.1	**589**	834
USA, Indiana	0.9	0.3	0.1	0.1	0.0	0.0	0.0	-	0.0	**302**	392
USA, Iowa	0.6	0.4	0.1	0.0	-	-	-	0.0	0.1	**141**	203
USA, Kentucky	0.7	0.5	0.1	0.0	0.1	0.0	0.0	-	0.1	**226**	291
USA, Louisiana	1.0	0.4	0.1	0.1	-	0.0	0.0	-	0.2	**261**	349
USA, Louisiana, New Orleans: Black	1.4	0.3	0.2	0.2	-	0.1	0.1	-	0.3	**27**	36
USA, Louisiana, New Orleans: White	1.3	0.4	0.1	0.1	-	0.1	0.0	-	0.2	**51**	67
USA, Louisiana: Black	1.0	0.4	0.2	0.1	-	0.0	0.0	-	0.2	**63**	89
USA, Louisiana: White	1.0	0.4	0.1	0.1	-	0.0	0.0	-	0.1	**196**	255
USA, Maine	0.6	0.4	0.0	0.1	-	-	-	-	0.1	**50**	72
USA, Massachusetts	0.7	0.5	0.1	0.0	0.0	0.0	0.0	-	0.2	**311**	488

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Liver (C22) - Female (Contd)

	Carcinoma				Hepato-	Sarcoma		Other	Unspec.	Number of cases	
	Hepato	Cholangio	Other	Unspec.	blastoma	Haemangio	Other			MV	Total
America, North (Contd)											
USA, Michigan	0.9	0.5	0.1	0.2	0.1	0.0	0.0	-	0.2	**565**	799
USA, Michigan, Detroit	1.2	0.5	0.1	0.2	0.1	-	0.0	-	0.1	**281**	373
USA, Michigan, Detroit: Black	1.9	0.3	0.1	0.2	0.1	-	0.0	-	0.1	**72**	90
USA, Michigan, Detroit: White	1.0	0.5	0.1	0.2	0.1	-	0.0	-	0.0	**197**	271
USA, Michigan: Black	1.7	0.3	0.1	0.2	0.0	0.0	0.0	-	0.2	**86**	113
USA, Michigan: White	0.7	0.5	0.1	0.1	0.1	0.0	0.0	-	0.2	**461**	664
USA, Missouri	0.7	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**282**	375
USA, Missouri: Black	1.6	0.6	0.1	0.2	-	-	0.0	-	0.2	**45**	59
USA, Missouri: White	0.6	0.4	0.1	0.0	0.1	0.0	0.0	0.0	0.1	**231**	309
USA, Montana	0.6	0.5	0.1	0.1	0.1	-	0.0	-	0.0	**38**	66
USA, New Jersey	0.9	0.5	0.1	0.1	0.0	0.0	-	-	0.2	**522**	752
USA, New Jersey: Black	1.2	0.3	0.1	0.1	-	0.0	-	-	0.2	**63**	83
USA, New Jersey: White	0.7	0.5	0.1	0.1	0.1	0.0	-	-	0.2	**419**	619
USA, New Mexico	1.3	0.6	0.1	0.3	0.1	-	-	0.0	0.2	**122**	178
USA, New Mexico: American Indian	1.2	1.1	0.2	0.5	-	-	-	-	0.3	**11**	15
USA, New Mexico: Hispanic White	1.6	0.5	0.1	0.3	0.1	-	-	-	0.2	**44**	68
USA, New Mexico: Non-Hispanic White	1.0	0.6	0.0	0.2	0.1	-	-	0.0	0.1	**61**	88
USA, New York state	1.2	0.5	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**1348**	1981
USA, New York state: Black	1.7	0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.2	**202**	291
USA, New York state: White	1.0	0.5	0.1	0.1	0.1	0.0	0.0	-	0.1	**1037**	1520
USA, NPCR	1.0	0.5	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**13170**	18834
USA, NPCR: Black	1.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.2	**1472**	2074
USA, NPCR: White	0.9	0.5	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**10518**	15047
USA, Ohio	0.7	0.5	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**639**	854
USA, Ohio: Black	1.1	0.5	0.1	0.2	-	-	-	0.0	0.2	**75**	102
USA, Ohio: White	0.6	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**544**	729
USA, Oklahoma	0.6	0.5	0.1	0.1	0.1	0.0	0.0	0.0	0.3	**201**	291
USA, Oregon	0.9	0.4	0.1	0.0	0.1	0.0	0.0	-	0.1	**149**	238
USA, Pennsylvania	0.9	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**788**	1074
USA, Pennsylvania: Black	2.0	0.5	0.2	0.1	0.0	-	0.1	-	0.1	**105**	140
USA, Pennsylvania: White	0.7	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**653**	895
USA, Rhode Island	1.0	0.6	0.1	0.0	0.2	0.0	-	-	0.0	**77**	97
USA, SEER (9 registries)	1.2	0.5	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**1611**	2297
USA, SEER (9 registries): Black	1.8	0.4	0.1	0.2	0.0	-	0.1	-	0.1	**172**	232
USA, SEER (9 registries): White	0.9	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**1102**	1574
USA, SEER (14 registries)	1.3	0.5	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**4591**	6525
USA, SEER (14 registries): Asian and Pacific Islander	4.0	0.6	0.2	0.1	0.1	0.0	0.0	0.0	0.3	**781**	1129
USA, SEER (14 registries): Black	1.5	0.4	0.1	0.1	0.0	0.0	0.0	-	0.2	**420**	582
USA, SEER (14 registries): Hispanic White	2.4	0.7	0.2	0.2	0.1	0.0	0.0	-	0.2	**679**	970
USA, SEER (14 registries): Non-hispanic White	0.8	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**2643**	3746
USA, South Carolina	0.7	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.1	**180**	250
USA, South Carolina: Black	0.7	0.4	0.3	0.1	-	0.0	0.0	-	0.2	**54**	71
USA, South Carolina: White	0.6	0.3	0.1	0.1	-	0.0	0.0	0.0	0.1	**112**	164
USA, Texas	1.4	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.3	**1217**	1854
USA, Texas: Black	1.6	0.4	0.0	0.1	-	-	0.0	-	0.3	**111**	179
USA, Texas: White	1.3	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.2	**1053**	1588
USA, Utah	0.7	0.4	0.1	0.1	0.1	0.0	-	-	0.1	**70**	96
USA, Vermont	0.3	0.4	0.1	0.0	0.1	-	-	-	0.0	**21**	27
USA, Washington State	1.1	0.6	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**340**	506
USA, Washington, Seattle	1.3	0.6	0.1	0.1	0.2	0.0	0.0	0.0	0.1	**252**	382
USA, West Virginia	0.5	0.6	0.1	0.1	0.0	0.0	-	-	0.1	**106**	143
USA, Wisconsin	0.7	0.5	0.1	0.1	0.0	0.0	0.0	-	0.3	**311**	430
Asia											
Bahrain: Bahraini	1.0	0.8	-	0.6	-	-	-	-	0.8	**11**	17
China, Guangzhou City	3.8	0.1	0.0	7.3	0.0	-	0.0	-	0.1	**146**	729 *
China, Hong Kong	3.8	1.1	0.0	0.1	0.1	0.0	0.0	-	2.1	**968**	1771
China, Jiashan	2.0	0.2	-	-	-	-	-	-	10.4	**29**	174 *
China, Nangang District, Harbin City	-	-	-	-	-	-	-	-	10.3	**180**	252
China, Shanghai	0.2	0.1	0.0	0.0	-	-	0.0	-	8.0	**343**	2300 *
China, Zhongshan	0.8	0.2	-	3.9	-	-	-	0.1	-	**67**	177 *
Cyprus	0.5	0.4	-	0.1	-	-	-	-	0.1	**24**	29 *
India, Chennai (Madras)	0.3	0.2	0.1	0.0	0.0	-	-	-	0.3	**53**	83
India, Karunagappally	0.1	0.1	-	0.1	-	-	-	-	0.5	**3**	8
India, Mumbai (Bombay)	1.0	0.4	0.1	0.0	0.0	-	0.0	-	0.6	**319**	433
India, Nagpur	0.6	0.2	-	-	-	-	-	-	0.0	**34**	35 *
India, New Delhi	0.3	0.4	0.0	0.3	0.0	-	-	-	0.4	**167**	232 *
India, Poona	1.3	0.1	-	-	-	-	-	-	-	**53**	88 *
India, Trivandrum	0.4	0.1	0.0	0.1	-	-	-	-	0.4	**20**	30 *
Israel	0.9	0.2	0.1	0.0	0.1	0.0	0.1	-	0.2	**184**	333
Israel: Jews	0.9	0.2	0.1	0.0	0.0	0.0	0.1	-	0.1	**168**	293
Israel: Non-Jews	0.3	0.1	-	-	0.1	-	0.0	-	0.1	**14**	15
Japan, Aichi Prefecture	4.1	0.7	0.0	-	-	-	-	-	3.2	**225**	388
Japan, Fukui Prefecture	7.0	0.4	0.1	0.0	0.0	-	-	-	-	**49**	446
Japan, Hiroshima	10.0	0.8	0.1	0.9	0.2	-	-	-	0.0	**182**	659
Japan, Miyagi Prefecture	3.5	0.6	0.1	0.0	-	-	0.0	-	1.4	**201**	880
Japan, Nagasaki Prefecture	6.0	0.6	0.1	0.9	0.1	-	0.0	-	0.4	**263**	906
Japan, Osaka Prefecture	9.1	0.8	0.1	0.0	0.1	-	0.0	0.0	1.0	**5036**	5654
Japan, Yamagata Prefecture	1.9	0.3	0.1	-	0.3	-	-	-	3.3	**128**	607
Korea	8.0	1.3	0.4	0.1	0.1	0.0	0.0	0.0	2.1	**3177**	13339
Korea, Busan	9.6	1.4	0.4	0.1	0.0	-	0.0	-	3.4	**312**	1582
Korea, Daegu	8.1	1.0	0.6	0.0	0.1	0.1	0.0	0.0	3.0	**234**	869
Korea, Daejeon	7.0	1.1	0.5	0.0	0.1	0.0	-	0.0	1.4	**89**	339
Korea, Gwangju	7.3	0.6	0.3	0.1	0.0	-	-	-	2.4	**71**	374
Korea, Incheon	7.8	1.4	0.4	0.0	0.1	0.0	0.0	0.0	1.9	**185**	712

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Liver (C22) - Female (Contd)

	Carcinoma				Hepato-	Sarcoma		Other	Unspec.	Number of cases	
	Hepato	Cholangio	Other	Unspec.	blastoma	Haemangio	Other			MV	Total
Asia (Contd)											
Korea, Jejudo	6.8	1.3	1.0	0.1	-	-	-	-	2.7	**31**	131
Korea, Seoul	9.0	1.3	0.3	0.1	0.1	0.0	0.0	-	2.2	**791**	3269
Korea, Ulsan	7.0	1.1	0.4	-	0.1	-	-	-	2.3	**52**	185
Kuwait: Kuwaitis	0.9	0.1	-	0.3	-	-	-	-	2.3	**9**	37
Kuwait: Non-Kuwaitis	1.0	1.1	0.3	0.9	0.8	-	-	-	2.4	**11**	27
Malaysia, Penang	1.7	0.8	0.1	0.1	-	-	0.1	0.0	0.9	**40**	82
Malaysia, Sarawak	1.8	0.4	0.2	-	0.1	-	0.0	-	0.6	**71**	114
Oman: Omani	2.0	0.8	-	-	0.1	-	-	-	0.4	**45**	53 *
Pakistan, South Karachi	2.2	0.8	0.1	0.3	0.0	0.0	-	-	0.3	**39**	70 *
Philippines, Manila	3.7	0.5	0.0	0.9	0.1	0.0	0.0	-	1.8	**157**	568 *
Singapore	1.1	0.3	0.0	0.1	0.1	-	0.0	0.0	3.3	**133**	459
Singapore: Chinese	1.2	0.3	0.0	0.1	0.1	-	0.0	-	3.4	**121**	409
Singapore: Indian	0.4	-	-	0.2	-	-	-	0.1	2.5	**4**	14
Singapore: Malay	0.5	0.1	-	-	0.1	-	-	-	2.9	**8**	36
Thailand, Chiang Mai	1.3	1.8	-	0.0	0.1	-	-	-	3.6	**128**	278 *
Thailand, Lampang	0.8	2.3	-	0.1	-	-	-	-	11.7	**73**	347 *
Thailand, Songkhla	0.4	0.2	-	-	-	-	-	-	1.3	**19**	60
Turkey, Antalya	0.9	0.2	0.1	0.0	-	-	-	-	0.0	**35**	36 *
Turkey, Izmir	0.7	0.1	0.3	0.0	-	-	0.0	-	0.1	**55**	111 *
Europe											
Austria	1.1	0.7	0.3	0.1	0.0	0.0	0.0	-	0.5	**891**	1319
Austria, Tyrol	1.4	0.3	0.3	0.1	-	-	-	-	0.2	**36**	78
Austria, Vorarlberg	0.5	0.3	0.3	0.0	-	-	-	-	0.7	**19**	31
Belarus	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.7	**316**	705 *
Belgium, Antwerp	0.3	0.2	0.0	0.0	0.1	0.0	0.0	-	0.0	**44**	50 *
Belgium, Flanders	0.5	0.4	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**240**	366
Bulgaria	0.3	0.1	0.0	0.0	0.0	-	0.0	-	2.1	**153**	1100 *
Croatia	0.6	0.3	0.1	0.3	-	-	-	-	1.8	**299**	784
Czech Republic	1.0	0.4	0.1	0.0	0.1	0.0	0.0	-	1.0	**793**	1449
Denmark	0.5	0.6	0.2	0.1	0.0	0.0	0.0	0.0	0.3	**403**	540
Estonia	0.6	0.4	0.1	0.1	0.1	0.0	0.1	-	0.5	**115**	150
Finland *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	0.5	0.6	0.0	0.1	-	0.0	-	-	0.9	**56**	104
France, Calvados	1.3	0.3	0.1	-	0.1	-	0.1	-	0.5	**29**	77
France, Doubs	0.8	0.7	0.0	-	-	0.0	0.0	-	0.0	**23**	48
France, Haut-Rhin	1.0	0.9	0.1	0.0	0.2	-	-	-	0.3	**60**	96
France, Herault	1.6	0.6	-	-	-	-	0.0	-	0.0	**98**	110
France, Isere	1.3	0.4	0.0	0.0	-	-	-	0.0	0.3	**61**	123
France, Loire-Atlantique	0.8	0.2	0.0	0.1	0.1	-	-	-	0.3	**54**	75
France, Manche	0.6	0.3	-	-	0.2	0.1	-	-	0.0	**14**	21
France, Somme	1.0	0.6	0.1	0.1	-	-	-	-	0.1	**33**	52
France, Tarn	0.5	0.2	0.0	-	-	0.2	-	-	0.2	**19**	31
France, Vendee	0.5	0.4	0.2	0.1	-	0.0	-	-	0.2	**32**	39
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	1.3	0.7	0.2	-	-	-	-	-	-	**85**	280
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
Germany, Munich	0.7	0.2	0.0	-	0.0	-	0.0	-	0.0	**125**	129
Germany, Northrhine-Westphalia: Munster	1.2	0.3	0.4	0.1	0.0	0.0	0.0	-	0.0	**225**	324
Germany, Saarland	1.0	0.5	0.2	0.1	-	-	-	-	0.5	**90**	156
Iceland	0.1	0.3	0.2	0.1	-	-	-	-	-	**7**	7
Ireland	0.3	0.2	0.0	0.0	-	0.0	-	-	0.5	**76**	164
Italy, Biella Province	0.6	0.5	0.1	-	-	-	-	-	2.4	**13**	59
Italy, Brescia Province	3.4	0.4	0.3	0.1	-	-	-	-	3.2	**144**	284
Italy, Ferrara Province	1.4	0.8	0.0	0.1	-	-	-	-	1.5	**43**	129
Italy, Florence and Prato	0.5	0.3	0.0	0.0	-	-	-	-	2.1	**80**	294
Italy, Genoa Province	1.6	0.4	0.1	0.1	-	-	-	-	1.4	**55**	185
Italy, Macerata Province	0.3	0.2	0.1	0.2	-	-	-	-	1.5	**9**	29
Italy, Milan	1.9	0.1	-	-	0.1	-	-	-	1.9	**136**	383
Italy, Modena Province	1.3	0.4	0.0	0.1	0.2	-	-	-	2.0	**71**	192
Italy, Naples	6.9	0.6	0.4	0.1	-	-	-	-	2.2	**67**	199
Italy, North East Cancer Surveillance Network	1.1	0.4	0.0	0.2	-	-	0.0	-	2.1	**274**	635
Italy, Parma Province	6.6	0.2	0.5	0.0	0.3	0.0	-	-	1.4	**110**	296
Italy, Ragusa Province	1.1	0.4	0.0	0.0	-	-	-	-	3.5	**13**	86
Italy, Reggio Emilia Province	2.0	0.6	-	0.2	-	0.2	0.0	-	0.5	**51**	104
Italy, Romagna Region	1.3	0.2	0.0	0.0	-	-	0.0	-	0.8	**104**	193
Italy, Salerno Province	1.3	0.6	0.0	0.2	0.1	-	-	-	3.9	**99**	295
Italy, Sassari Province	2.1	0.4	0.1	-	-	-	-	-	3.8	**70**	184
Italy, Sondrio	0.7	0.3	-	0.0	-	-	-	-	3.0	**13**	52
Italy, Syracuse Province	2.6	0.3	-	-	-	-	-	-	1.9	**18**	90
Italy, Torino	0.7	0.3	0.0	0.1	-	-	-	-	2.2	**68**	249
Italy, Umbria Region	2.6	0.2	0.0	0.0	-	-	0.0	-	0.7	**131**	277
Italy, Varese Province	3.1	0.2	0.1	-	-	-	-	-	0.0	**76**	122
Italy, Veneto Region	1.6	0.4	0.1	0.0	-	0.0	-	-	2.0	**197**	525
Latvia	0.6	0.1	-	0.0	-	-	-	-	1.2	**51**	251
Lithuania	0.2	0.5	0.1	0.1	0.0	0.0	0.0	-	0.8	**171**	299
Malta	0.4	0.2	0.1	-	-	-	-	-	0.4	**10**	17
Norway	0.5	0.3	0.0	0.0	0.0	0.0	0.0	-	0.1	**193**	250
Poland, Cracow	0.1	0.3	0.0	0.1	-	-	-	-	0.9	**20**	61 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	-	-	-
Poland, Warsaw City	0.5	0.2	0.0	0.0	-	-	-	-	0.9	**89**	152
Portugal, Porto	0.6	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.1	**142**	159 *
Portugal, South Regional	0.4	0.2	0.1	0.0	0.0	-	0.0	-	0.8	**110**	269
Russia, St Petersburg	0.2	0.2	0.0	0.1	0.1	-	0.0	-	1.4	**261**	565

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Liver (C22) - Female (Contd)

	Carcinoma				Hepato-	Sarcoma		Other	Unspec.	Number of cases	
	Hepato	Cholangio	Other	Unspec.	blastoma	Haemangio	Other			MV	Total
Europe (Contd)											
Serbia	0.7	0.7	0.2	0.2	0.0	0.0	0.0	-	1.5	**429**	793
Slovak Republic	0.6	0.6	0.2	0.1	0.0	0.0	0.0	-	1.2	**323**	667
Slovenia	0.6	0.4	0.1	0.1	-	0.0	0.0	-	0.5	**143**	168
Spain, Albacete	0.6	0.2	0.3	0.1	-	-	-	-	0.6	**9**	37
Spain, Asturias	1.1	0.3	0.1	0.0	-	0.0	-	-	0.2	**65**	146
Spain, Basque Country	1.3	0.4	0.1	0.0	0.1	0.0	-	-	1.1	**116**	332
Spain, Canary Islands	1.7	0.5	0.3	0.1	0.0	-	-	-	0.7	**98**	187
Spain, Cuenca	0.6	0.2	0.3	-	-	-	-	-	1.0	**6**	31
Spain, Girona	1.2	0.3	0.1	0.0	-	-	-	-	1.2	**49**	99
Spain, Granada	0.4	0.2	0.0	0.0	-	-	-	-	1.7	**29**	112
Spain, Murcia	0.8	0.4	0.1	-	-	-	-	-	0.7	**70**	135
Spain, Navarra	1.0	0.5	0.2	-	-	-	-	-	0.3	**33**	76
Spain, Tarragona	1.5	0.1	0.0	0.1	-	-	-	-	0.9	**35**	78
Spain, Zaragoza	0.7	0.5	0.0	0.1	-	-	-	-	0.4	**64**	98
Sweden	0.7	0.5	0.1	0.0	0.1	0.0	0.0	-	0.0	**687**	705
Switzerland, Geneva	0.6	0.3	0.1	-	-	-	-	-	1.1	**19**	50
Switzerland, Graubunden and Glarus	0.6	0.5	-	0.2	-	-	-	-	0.5	**13**	22
Switzerland, Neuchatel	0.9	0.3	0.2	0.1	-	0.1	-	-	0.6	**16**	20
Switzerland, St Gall-Appenzell	0.8	0.3	0.1	0.0	-	-	-	-	0.2	**30**	37
Switzerland, Ticino	1.8	0.3	0.1	0.2	0.3	-	-	-	0.5	**30**	64
Switzerland, Valais	0.9	0.5	0.3	0.1	-	-	-	-	0.5	**22**	31
Switzerland, Vaud	0.8	0.7	0.0	0.0	0.1	0.1	0.1	-	0.5	**50**	72
The Netherlands	0.3	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.2	**361**	484
The Netherlands, Eindhoven	0.2	0.2	0.0	-	0.1	-	-	-	0.2	**18**	28
The Netherlands, Maastricht	0.2	0.2	-	-	0.1	0.0	-	-	0.1	**17**	23
UK, England, East of England Region	0.3	0.6	0.0	-	-	-	0.0	-	-	**61**	163
UK, England, Merseyside and Cheshire	0.4	1.8	0.2	1.8	-	-	0.0	0.0	0.0	**232**	673
UK, England, North Western	0.5	1.0	0.0	0.1	0.0	-	0.0	-	0.0	**146**	425
UK, England, Northern And Yorkshire	0.4	0.8	0.0	0.0	0.1	-	0.0	-	0.1	**193**	540
UK, England, Oxford Region	0.3	0.8	0.0	-	0.0	-	-	-	0.0	**77**	155
UK, England, South and Western Regions	0.5	0.6	0.0	0.0	0.1	0.0	-	-	0.3	**234**	607
UK, England, Thames	0.4	0.5	0.0	0.1	0.0	0.0	0.0	-	0.1	**352**	912
UK, England, Trent	0.4	0.8	0.0	0.1	0.0	-	-	-	0.0	**152**	401
UK, England, West Midlands	0.4	0.5	0.0	0.0	0.0	0.0	-	-	0.2	**137**	366
UK, Northern Ireland	0.4	0.6	0.0	0.1	-	0.0	0.0	-	0.3	**54**	114
UK, Scotland	0.5	0.9	0.1	0.1	-	-	0.0	-	0.1	**230**	512
Oceania											
Australia, New South Wales	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**230**	378
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-	-	-
Australia, Queensland	0.6	0.5	0.0	0.1	0.1	0.0	0.0	0.0	0.0	**80**	189
Australia, South	0.5	0.3	0.0	-	-	-	-	-	0.0	**31**	72
Australia, Tasmania	0.4	0.2	-	-	0.2	-	-	-	0.3	**11**	19
Australia, Victoria	0.4	0.2	0.0	-	0.0	0.0	0.0	-	0.6	**145**	292
Australia, Western	0.7	0.4	0.0	0.0	0.1	-	-	-	0.0	**49**	85
Australian Capital Territory	1.0	0.7	-	-	-	-	-	-	-	**16**	18
French Polynesia	2.6	0.5	-	0.5	-	-	-	-	0.8	**14**	18
New Zealand	0.8	0.5	0.0	-	-	0.0	-	-	0.3	**148**	247
USA, Hawaii	2.1	0.6	0.0	0.0	-	0.1	0.0	-	0.4	**127**	171
USA, Hawaii: Chinese	2.3	1.2	-	-	-	-	-	-	0.4	**11**	17
USA, Hawaii: Filipino	1.6	0.6	-	-	-	-	-	-	0.5	**15**	21
USA, Hawaii: Hawaiian	2.3	1.1	-	0.2	-	-	-	-	0.7	**20**	27
USA, Hawaii: Japanese	2.7	0.4	0.0	-	-	0.1	0.0	-	0.2	**53**	65
USA, Hawaii: White	0.8	0.4	0.1	-	-	0.1	-	-	0.2	**12**	18

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Lung (C34) - Male

	Carcinoma					Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Small cell	Large cell	O&U				MV	Total
Africa										
Algeria, Setif	12.0	1.1	0.1	4.6	-	-	-	1.9	**357**	373 *
Egypt, Gharbiah	2.6	2.6	1.6	4.3	0.2	0.0	-	2.6	**447**	541
Tunisia, Centre, Sousse	16.9	6.7	5.4	5.7	-	0.1	-	2.4	**324**	335 *
Uganda, Kyadondo County	1.0	0.5	0.2	0.8	-	-	-	2.3	**29**	45 *
Zimbabwe, Harare: African	1.6	1.2	0.4	5.5	0.1	0.0	-	0.6	**65**	146 *
America, Central and South										
Argentina, Bahia Blanca	8.0	7.1	2.3	25.5	0.3	-	-	2.1	**261**	377
Brazil, Brasilia	7.8	4.6	1.7	3.7	0.0	-	0.0	8.7	**437**	496
Brazil, Cuiaba	6.9	3.6	0.4	3.5	0.2	-	-	11.5	**91**	153
Brazil, Goiania	6.5	5.6	1.4	3.3	0.3	-	-	3.8	**211**	265
Brazil, Sao Paulo	7.6	6.9	2.5	5.3	0.3	0.1	0.0	10.6	**4331**	6486
Chile, Valdivia	2.3	0.9	1.1	1.2	-	-	-	5.4	**49**	98
Colombia, Cali	3.9	2.8	1.5	3.0	0.2	0.1	-	10.1	**393**	711
Costa Rica	2.2	1.7	0.7	1.3	0.2	0.0	-	5.0	**443**	808
Ecuador, Quito	1.1	2.9	0.4	0.9	0.1	0.0	-	2.4	**149**	214
France, La Martinique	3.4	3.9	2.0	2.8	0.1	-	-	1.4	**143**	155
Peru, Trujillo	0.7	2.8	0.2	0.7	-	-	-	1.4	**39**	52 *
America, North										
Canada (excluding Quebec, Yukon and Nunavut)	11.5	12.5	6.1	8.7	2.3	0.1	0.1	6.7	**31475**	39973
Canada, Alberta	10.8	12.0	6.5	8.1	2.9	0.0	0.0	2.4	**3302**	3942
Canada, British Columbia	9.9	9.6	5.2	11.6	2.7	0.1	0.0	2.3	**5387**	6567
Canada, Manitoba	11.5	15.0	5.8	11.8	3.0	0.0	0.1	3.9	**1742**	2193
Canada, New Brunswick	18.1	19.5	8.6	14.5	2.4	-	-	3.4	**1518**	1850
Canada, Newfoundland and Labrador	12.9	8.8	6.8	12.6	2.6	0.1	0.0	1.8	**766**	837
Canada, Northwest Territories	21.4	11.2	10.4	5.3	0.8	-	-	.	**33**	34
Canada, Nova Scotia	15.5	15.0	8.2	12.5	4.1	0.1	0.1	10.4	**1790**	2327
Canada, Ontario	11.3	13.0	5.9	6.7	1.8	0.1	0.1	9.7	**15244**	20062
Canada, Prince Edward Island	17.7	15.5	9.8	7.2	2.4	-	-	7.3	**264**	306
Canada, Saskatchewan	12.0	11.6	6.0	7.0	2.4	0.1	0.1	5.5	**1429**	1855
USA, Alabama	19.6	17.9	10.1	13.8	5.5	0.0	0.1	4.9	**9394**	10858
USA, Alabama: Black	19.5	19.8	7.3	16.5	5.1	-	0.1	5.0	**1678**	1963
USA, Alabama: White	19.7	17.4	10.7	13.2	5.6	0.0	0.1	4.9	**7659**	8834
USA, Alaska	12.7	15.1	9.1	6.4	5.1	0.1	0.1	4.7	**673**	744
USA, Arizona	9.9	13.1	6.3	9.2	4.0	0.1	0.1	2.9	**7658**	8603
USA, California	9.3	14.2	5.8	9.1	4.3	0.1	0.1	1.9	**41702**	46149
USA, California, Greater San Francisco Bay Area	8.0	13.2	5.0	9.1	4.3	0.0	0.0	1.5	**7670**	8526
USA, California, Greater San Francisco Bay Area: Black	15.5	20.7	6.6	14.3	8.5	-	0.1	3.6	**802**	888
USA, California, Greater San Francisco Bay Area: Chinese	4.7	11.6	3.2	8.1	2.9	0.1	-	0.7	**521**	565
USA, California, Greater San Francisco Bay Area: Filipino	8.7	15.9	4.8	9.2	5.1	-	-	1.0	**369**	394
USA, California, Greater San Francisco Bay Area: Hispanic White	5.4	8.7	3.4	6.0	3.6	0.1	-	0.6	**524**	564
USA, California, Greater San Francisco Bay Area: Japanese	5.4	8.3	2.5	5.8	3.6	-	-	0.6	**91**	97
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	8.4	13.4	5.6	9.4	4.2	0.0	0.0	1.5	**5026**	5648
USA, California, Los Angeles County	8.8	13.3	5.3	8.4	3.9	0.1	0.1	1.3	**10034**	10869
USA, California, Los Angeles County: Black	18.1	20.4	6.7	12.9	7.2	0.0	0.1	2.4	**1563**	1696
USA, California, Los Angeles County: Chinese	5.2	10.9	2.7	7.1	2.7	0.1	-	0.7	**336**	357
USA, California, Los Angeles County: Filipino	10.1	13.8	5.5	10.2	3.8	0.3	0.3	1.6	**335**	367
USA, California, Los Angeles County: Hispanic White	4.6	8.0	2.8	4.5	2.0	0.1	0.0	1.1	**1228**	1326
USA, California, Los Angeles County: Japanese	4.8	10.9	3.4	6.1	2.6	0.1	0.4	1.0	**168**	184
USA, California, Los Angeles County: Korean	9.2	10.4	7.4	6.4	1.8	-	-	0.4	**187**	193
USA, California, Los Angeles County: Non-Hispanic White	9.5	14.9	6.5	9.5	4.4	0.1	0.1	1.3	**5953**	6469
USA, California: Asian and Pacific Islander	6.2	11.9	3.6	7.2	3.1	0.1	0.0	1.0	**3569**	3834
USA, California: Black	16.0	20.2	6.6	12.9	7.8	0.0	0.1	2.8	**3412**	3720
USA, California: Hispanic White	5.1	8.5	3.3	5.1	2.3	0.1	0.0	1.2	**3531**	3842
USA, California: Non-hispanic White	10.2	15.4	6.8	10.1	4.7	0.1	0.1	2.0	**30936**	34471
USA, Colorado	9.3	11.9	6.4	5.2	3.3	0.0	0.0	4.5	**4375**	5096
USA, Connecticut	12.0	18.1	7.3	10.2	4.7	0.1	0.0	1.3	**6141**	6667
USA, Connecticut: Black	16.4	21.0	6.6	13.8	6.4	-	-	2.0	**408**	443
USA, Connecticut: White	11.7	18.0	7.4	10.1	4.7	0.1	0.0	1.3	**5683**	6173
USA, District of Columbia	17.9	21.3	6.2	8.1	6.0	0.2	-	6.5	**1000**	1141
USA, District of Columbia: Black	23.2	26.2	8.4	10.0	6.6	0.2	-	8.0	**783**	886
USA, District of Columbia: White	8.4	13.4	2.1	4.3	4.0	0.2	-	3.8	**193**	221
USA, Florida	13.0	17.1	8.2	12.1	4.4	0.1	0.0	6.2	**37576**	43100
USA, Florida: Black	14.9	16.9	6.4	14.2	4.3	0.1	-	8.0	**2876**	3355
USA, Florida: White	12.9	17.1	8.4	11.9	4.4	0.1	0.1	6.1	**34387**	39393
USA, Georgia	18.1	17.2	9.9	15.3	4.9	0.0	0.0	4.7	**13622**	15499
USA, Georgia, Atlanta	13.9	15.1	7.5	13.4	4.8	0.0	0.0	2.5	**3355**	3679
USA, Georgia, Atlanta: Black	18.6	17.5	7.4	17.6	6.4	0.1	0.1	3.1	**1002**	1104
USA, Georgia, Atlanta: White	12.9	14.3	7.8	12.3	4.3	0.0	-	2.4	**2297**	2517
USA, Georgia: Black	21.6	18.9	7.6	17.8	5.9	0.1	0.1	5.7	**2880**	3310
USA, Georgia: White	17.5	16.7	10.5	14.8	4.6	0.0	0.0	4.5	**10649**	12088
USA, Idaho	10.1	11.6	6.7	8.4	4.3	0.0	0.0	2.6	**1620**	1910
USA, Illinois	15.2	17.7	9.0	10.8	4.9	0.1	0.1	3.3	**21907**	24456
USA, Illinois: Black	23.0	23.5	8.5	17.7	6.5	0.1	0.1	4.5	**3176**	3559
USA, Illinois: White	14.5	17.0	9.3	10.0	4.7	0.1	0.1	3.1	**18363**	20503
USA, Indiana	18.4	16.5	11.3	13.7	5.6	0.0	0.1	2.9	**12457**	13797
USA, Iowa	14.0	16.6	9.4	8.5	5.0	0.1	0.0	3.1	**5620**	6358
USA, Kentucky	25.7	20.7	15.2	15.7	7.1	0.1	0.0	5.4	**10585**	12132
USA, Louisiana	20.4	20.7	10.4	14.4	4.8	0.1	0.0	4.2	**9159**	10313
USA, Louisiana, New Orleans: Black	28.1	22.5	11.6	19.2	6.3	-	-	8.7	**782**	894
USA, Louisiana, New Orleans: White	16.0	23.7	10.2	11.0	2.9	0.1	-	5.7	**1323**	1477
USA, Louisiana: Black	27.5	22.3	10.3	19.5	6.1	0.1	-	6.0	**2500**	2880
USA, Louisiana: White	18.4	20.2	10.5	12.9	4.5	0.1	0.0	3.7	**6614**	7384
USA, Maine	16.0	15.5	9.3	13.4	5.7	0.1	0.0	4.0	**2740**	3151
USA, Massachusetts	12.3	16.9	7.7	9.0	4.6	0.1	0.0	3.7	**10743**	12045

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Lung (C34) - Male (Contd)

	Carcinoma					Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Small cell	Large cell	O&U				MV	Total
America, North (Contd)										
USA, Michigan	15.3	16.7	8.5	11.4	4.2	0.1	0.1	3.8	**17713**	19900
USA, Michigan, Detroit	16.9	19.8	9.3	13.9	4.8	0.1	0.1	1.6	**7877**	8606
USA, Michigan, Detroit: Black	22.7	24.0	9.6	18.7	6.9	0.2	0.1	2.7	**1871**	2060
USA, Michigan, Detroit: White	15.7	19.0	9.5	12.8	4.3	0.1	0.1	1.3	**5935**	6466
USA, Michigan: Black	22.2	23.0	8.8	18.1	6.4	0.2	0.1	4.8	**2467**	2758
USA, Michigan: White	14.5	16.0	8.6	10.6	3.9	0.1	0.1	3.7	**15075**	16940
USA, Missouri	17.2	17.8	10.3	11.3	4.8	0.1	0.1	6.5	**11412**	13325
USA, Missouri: Black	23.5	23.4	9.1	16.6	7.1	0.2	0.1	8.4	**1078**	1230
USA, Missouri: White	16.7	17.3	10.4	10.8	4.6	0.1	0.1	6.4	**10247**	12001
USA, Montana	12.4	14.4	8.7	10.0	4.2	0.0	0.1	1.3	**1568**	1817
USA, New Jersey	12.3	17.7	7.5	8.6	5.0	0.1	0.0	3.4	**14601**	16143
USA, New Jersey: Black	19.9	20.4	7.3	13.3	6.5	0.1	0.1	4.7	**1789**	1981
USA, New Jersey: White	11.8	17.7	7.7	8.3	4.9	0.1	0.0	3.3	**12523**	13838
USA, New Mexico	8.5	10.5	5.6	6.5	3.5	0.1	0.0	3.0	**2003**	2371
USA, New Mexico: American Indian	2.4	3.6	2.4	2.3	0.6	-	-	0.9	**34**	43
USA, New Mexico: Hispanic White	5.8	7.6	4.0	6.0	2.5	-	-	2.8	**442**	545
USA, New Mexico: Non-Hispanic White	10.2	12.4	6.8	7.2	4.1	0.1	0.0	3.2	**1469**	1718
USA, New York state	12.0	17.1	6.6	8.7	4.8	0.1	0.1	3.9	**29281**	34233
USA, New York state: Black	15.3	18.6	5.5	11.1	4.9	0.1	0.0	5.2	**3476**	4032
USA, New York state: White	11.8	17.2	7.0	8.6	4.8	0.1	0.1	3.8	**24994**	29285
USA, NPCR	13.9	16.4	8.2	10.9	4.6	0.1	0.1	4.1	**384973**	437311
USA, NPCR: Black	19.9	20.4	7.5	15.5	6.0	0.1	0.0	5.5	**39822**	45289
USA, NPCR: White	13.6	16.1	8.5	10.5	4.5	0.1	0.1	4.0	**335775**	381699
USA, Ohio	16.6	17.1	9.4	13.4	4.1	0.1	0.1	4.0	**22804**	25553
USA, Ohio: Black	21.8	21.9	7.8	18.9	5.2	0.1	-	5.4	**2277**	2622
USA, Ohio: White	16.0	16.5	9.6	12.8	4.0	0.1	0.1	3.8	**20150**	22525
USA, Oklahoma	16.8	16.2	9.8	13.9	4.5	0.1	0.1	10.2	**7101**	8702
USA, Oregon	11.8	15.2	7.5	9.6	4.1	0.1	0.1	4.0	**5595**	6544
USA, Pennsylvania	14.9	17.4	9.3	10.2	5.3	0.1	0.1	2.4	**25861**	28666
USA, Pennsylvania: Black	23.5	25.1	8.6	16.4	8.3	0.2	0.1	3.6	**2389**	2643
USA, Pennsylvania: White	14.2	16.8	9.4	9.7	5.1	0.1	0.0	2.3	**23134**	25655
USA, Rhode Island	16.3	21.4	9.6	8.8	5.2	0.0	0.1	3.2	**2241**	2441
USA, SEER (9 registries)	11.7	15.5	7.1	10.2	4.6	0.1	0.1	2.0	**39650**	44116
USA, SEER (9 registries): Black	19.4	21.2	8.1	17.3	7.4	0.1	0.1	2.9	**4445**	4895
USA, SEER (9 registries): White	11.4	15.2	7.4	9.8	4.4	0.1	0.1	2.0	**32365**	36135
USA, SEER (14 registries)	12.2	15.8	7.4	10.1	4.7	0.1	0.1	2.5	**110720**	123305
USA, SEER (14 registries): Asian and Pacific Islander	6.7	12.0	3.6	6.8	3.1	0.1	0.0	1.3	**5554**	5991
USA, SEER (14 registries): Black	20.6	21.0	8.1	15.7	7.1	0.1	0.1	3.8	**12119**	13454
USA, SEER (14 registries): Hispanic White	5.7	8.8	3.6	5.5	2.5	0.1	0.0	1.5	**5066**	5592
USA, SEER (14 registries): Non-hispanic White	12.7	16.5	8.2	10.4	4.8	0.1	0.1	2.6	**87367**	97580
USA, South Carolina	19.0	16.9	10.1	14.6	5.4	0.1	0.0	3.8	**8131**	9164
USA, South Carolina: Black	21.1	17.5	7.5	18.9	6.2	0.2	-	4.3	**1807**	2070
USA, South Carolina: White	18.4	16.6	10.8	13.3	5.2	0.1	0.1	3.6	**6278**	7047
USA, Texas	14.1	14.9	8.0	10.0	5.0	0.1	0.1	5.9	**29383**	34338
USA, Texas: Black	21.8	22.2	8.6	16.2	7.0	0.0	0.1	9.4	**3612**	4244
USA, Texas: White	13.6	14.2	8.0	9.6	4.9	0.1	0.1	5.7	**25360**	29624
USA, Utah	6.0	7.8	3.8	4.1	2.4	0.1	0.1	1.9	**1298**	1482
USA, Vermont	11.0	15.8	8.2	11.4	4.5	0.0	0.1	3.5	**1048**	1190
USA, Washington State	11.2	15.7	7.3	11.4	5.1	0.1	0.1	2.5	**9060**	10388
USA, Washington, Seattle	10.8	15.6	7.3	11.9	5.6	0.1	0.1	1.8	**6141**	6962
USA, West Virginia	21.2	18.4	12.4	14.0	4.8	0.1	0.0	6.9	**4718**	5598
USA, Wisconsin	12.3	15.5	7.5	7.5	4.0	0.1	0.1	5.9	**8404**	10010
Asia										
Bahrain: Bahraini	9.5	6.2	4.5	10.3	0.2	-	-	3.5	**148**	186
China, Guangzhou City	15.1	17.7	2.2	33.0	0.4	0.1	0.1	3.0	**2238**	3831 *
China, Hong Kong	11.9	17.1	5.2	4.1	7.6	0.0	0.0	11.8	**10409**	12932
China, Jiashan	7.9	6.1	0.7	31.7	0.2	-	-	.	**195**	600 *
China, Nangang District, Harbin City	-	-	-	-	-	-	-	55.4	**976**	1280
China, Shanghai	1.8	2.0	0.3	0.2	0.2	0.0	0.0	47.0	**5831**	12764 *
China, Zhongshan	4.8	4.4	1.3	23.1	0.2	0.1	0.0	.	**590**	1086 *
Cyprus	6.0	11.0	3.1	1.2	1.0	0.1	-	2.5	**511**	569 *
India, Chennai (Madras)	2.5	1.6	0.5	1.6	0.0	0.0	-	4.4	**496**	956
India, Karunagappally	3.2	3.0	2.9	2.2	1.8	-	-	8.1	**114**	175
India, Mumbai (Bombay)	1.9	2.5	0.9	0.7	0.1	0.0	-	3.5	**1268**	1923
India, Nagpur	2.9	1.8	0.4	0.5	0.0	-	-	1.8	**235**	284 *
India, New Delhi	2.6	1.0	2.5	4.8	0.0	0.0	-	2.6	**2037**	2515 *
India, Poona	-	-	-	-	-	-	-	6.1	**269**	362 *
India, Trivandrum	1.1	2.0	0.4	0.9	0.3	-	-	5.2	**190**	264 *
Israel	8.0	8.1	4.1	3.2	5.4	0.1	0.0	3.2	**4368**	5190
Israel: Jews	7.6	7.8	3.9	3.1	5.2	0.1	0.0	2.7	**3841**	4498
Israel: Non-Jews	10.4	10.1	6.1	3.6	7.1	-	0.0	2.9	**504**	551
Japan, Aichi Prefecture	7.1	13.2	3.9	0.8	0.3	-	-	12.0	**1074**	1510
Japan, Fukui Prefecture	9.3	12.2	3.4	1.4	0.4	-	0.0	8.1	**1226**	1625
Japan, Hiroshima	11.9	18.2	4.9	5.8	1.0	-	0.0	0.1	**1476**	1805
Japan, Miyagi Prefecture	10.7	13.2	4.5	3.4	0.3	0.0	0.0	8.5	**3558**	4633
Japan, Nagasaki Prefecture	10.9	16.9	5.2	11.6	1.4	0.0	0.0	0.1	**2991**	3803
Japan, Osaka Prefecture	10.0	13.0	4.6	1.7	0.3	0.0	0.0	13.6	**12242**	16745
Japan, Yamagata Prefecture	10.7	11.5	4.6	1.3	0.3	0.0	-	9.8	**2110**	2876
Korea	17.2	9.5	6.4	2.7	0.8	0.1	0.0	14.3	**30712**	41126
Korea, Busan	14.2	8.3	5.1	1.8	0.6	0.1	0.0	16.1	**2375**	3365
Korea, Daegu	20.3	10.3	7.7	2.5	0.3	0.1	-	11.6	**2015**	2476
Korea, Daejeon	16.3	9.2	6.4	2.5	0.7	0.0	0.1	10.9	**863**	1082
Korea, Gwangju	18.4	8.9	5.9	3.2	0.2	0.1	-	14.8	**889**	1199
Korea, Incheon	17.1	10.1	6.3	2.4	1.0	0.1	0.1	13.2	**1656**	2168

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Lung (C34) - Male (Contd)

	Carcinoma					Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Small cell	Large cell	O&U				MV	Total
Asia (Contd)										
Korea, Jejudo	14.1	8.2	4.9	2.5	0.8	0.2	-	14.2	**233**	309
Korea, Seoul	16.1	11.0	6.6	3.0	0.5	0.1	0.0	12.4	**7134**	9048
Korea, Ulsan	16.5	9.3	8.1	2.8	1.3	0.4	0.1	18.9	**459**	625
Kuwait: Kuwaitis	2.2	2.5	2.0	2.2	3.9	0.1	-	2.8	**111**	143
Kuwait: Non-Kuwaitis	3.9	1.6	1.2	3.0	2.6	-	0.0	3.0	**134**	156
Malaysia, Penang	10.0	7.5	3.4	6.4	0.7	0.2	-	10.8	**561**	697
Malaysia, Sarawak	5.6	3.1	1.0	3.4	0.1	0.1	-	7.8	**509**	711
Oman: Omani	2.2	2.0	0.5	2.3	0.2	0.1	0.0	2.5	**123**	160 *
Pakistan, South Karachi	9.5	2.0	4.0	6.7	1.0	0.0	0.0	1.9	**445**	595 *
Philippines, Manila	7.0	8.0	3.4	10.2	5.3	0.0	-	17.9	**1763**	3164 *
Singapore	10.6	14.7	5.0	7.9	0.6	0.0	0.0	6.4	**3092**	3541
Singapore: Chinese	12.8	16.7	5.6	8.7	0.7	0.0	0.0	7.1	**2751**	3140
Singapore: Indian	2.2	3.8	1.0	3.1	0.3	-	-	1.5	**77**	88
Singapore: Malay	4.4	11.5	5.0	7.6	0.3	0.1	-	5.9	**264**	313
Thailand, Chiang Mai	8.3	9.8	2.4	2.6	0.1	0.1	-	9.2	**897**	1229 *
Thailand, Lampang	9.4	9.6	5.6	9.4	-	0.0	-	17.7	**730**	1117 *
Thailand, Songkhla	4.8	4.8	1.3	0.8	0.5	0.0	-	3.1	**314**	408
Turkey, Antalya	13.8	5.0	7.0	2.0	3.7	0.1	0.1	5.8	**932**	1089 *
Turkey, Izmir	19.8	10.2	10.9	4.2	19.8	0.1	0.1	9.1	**5075**	5860 *
Europe										
Austria	10.1	11.6	6.9	7.1	0.7	0.0	0.0	5.9	**11013**	12825
Austria, Tyrol	12.1	14.8	7.3	4.4	3.8	0.1	-	2.9	**964**	1069
Austria, Vorarlberg	12.2	11.2	6.2	8.6	1.7	-	-	7.2	**438**	545
Belarus	22.4	4.6	3.6	3.0	0.8	0.0	0.1	29.7	**12938**	18962 *
Belgium, Antwerp	18.5	13.6	9.5	8.7	1.4	0.0	0.0	2.8	**3757**	3987 *
Belgium, Flanders	19.2	12.2	8.9	11.9	1.0	0.1	0.0	4.5	**10367**	11974
Bulgaria	15.7	2.1	4.1	1.4	0.6	0.0	0.0	25.5	**7437**	15483 *
Croatia	25.9	9.6	7.7	9.2	0.2	0.0	0.0	19.0	**8837**	12028
Czech Republic	24.3	7.9	8.1	4.9	0.8	0.0	0.0	18.2	**17998**	23221
Denmark	12.7	12.2	8.1	4.0	3.2	0.1	0.0	5.8	**8554**	10221
Estonia	25.3	5.4	10.9	4.2	0.6	0.1	0.0	19.0	**2265**	2965
Finland *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	26.2	14.0	7.6	6.1	2.2	0.2	0.1	2.5	**1984**	2082
France, Calvados	20.7	12.3	8.4	7.6	3.5	0.1	0.0	2.6	**1210**	1251
France, Doubs	21.0	13.7	8.8	6.6	0.8	0.0	0.0	1.4	**923**	961
France, Haut-Rhin	22.3	13.3	7.3	6.0	0.6	0.1	0.1	1.9	**1252**	1312
France, Herault	16.1	14.3	8.2	6.3	1.4	0.0	-	0.8	**1689**	1727
France, Isere	15.9	13.7	7.3	7.3	2.1	0.0	0.1	2.8	**1797**	1950
France, Loire-Atlantique	14.4	11.8	6.4	5.3	1.4	0.1	0.0	1.0	**1532**	1564
France, Manche	17.7	12.5	8.3	6.4	1.4	0.1	0.1	1.6	**913**	931
France, Somme	25.8	14.9	8.7	5.5	3.1	-	0.2	2.7	**1116**	1203
France, Tarn	15.8	9.5	7.7	3.5	2.7	-	0.1	1.7	**690**	723
France, Vendee	12.2	9.3	5.2	5.5	0.6	0.1	0.0	1.0	**756**	766
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	10.7	11.3	9.8	18.9	2.3	0.0	0.0	0.8	**2673**	3830
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
Germany, Munich	9.5	8.2	5.5	2.7	3.3	0.1	0.0	7.2	**2776**	3503
Germany, Northrhine-Westphalia: Munster	15.6	10.5	10.5	16.4	2.6	0.1	0.1	0.8	**4661**	6011
Germany, Saarland	18.2	14.5	11.0	6.1	1.0	0.1	0.1	8.5	**2428**	2870
Iceland	7.7	10.6	5.3	6.5	0.8	0.1	0.1	1.3	**283**	296
Ireland	12.4	6.4	5.5	6.1	0.4	0.0	0.0	10.4	**3805**	5178
Italy, Biella Province	13.7	18.7	7.4	5.2	3.7	-	-	14.1	**472**	628
Italy, Brescia Province	15.1	16.4	5.2	5.0	1.5	0.0	-	18.7	**1157**	1588
Italy, Ferrara Province	18.3	20.3	7.5	10.9	1.0	0.0	0.1	6.1	**1056**	1340
Italy, Florence and Prato	15.6	8.3	5.2	6.2	2.5	0.1	-	14.9	**2296**	3297
Italy, Genoa Province	14.9	16.5	5.0	6.2	0.9	0.1	0.0	19.6	**1334**	1989
Italy, Macerata Province	11.7	9.1	4.7	4.3	2.8	-	0.1	11.3	**337**	432
Italy, Milan	10.0	15.9	5.2	5.1	4.7	0.0	-	16.8	**2129**	3124
Italy, Modena Province	13.4	13.6	6.1	5.1	1.3	-	-	16.1	**1242**	1811
Italy, Naples	17.4	10.6	5.2	8.7	6.0	0.1	0.1	17.9	**709**	1031
Italy, North East Cancer Surveillance Network	12.1	11.5	5.2	9.2	0.9	0.1	0.0	9.9	**3993**	4909
Italy, Parma Province	12.1	12.1	7.6	11.5	0.5	0.1	0.1	9.8	**945**	1208
Italy, Ragusa Province	7.1	7.3	2.7	4.6	2.2	-	-	21.1	**382**	564
Italy, Reggio Emilia Province	11.0	10.0	6.6	6.8	0.4	-	-	14.9	**944**	1213
Italy, Romagna Region	17.3	15.4	7.6	7.0	0.9	0.0	0.0	10.1	**2544**	3170
Italy, Salerno Province	14.2	7.1	4.8	4.7	0.3	0.0	0.1	18.7	**1132**	1791
Italy, Sassari Province	12.2	14.3	5.6	4.0	0.6	0.1	-	12.3	**724**	955
Italy, Sondrio	25.0	15.6	6.5	6.0	0.7	0.2	0.1	12.9	**418**	501
Italy, Syracuse Province	13.4	8.2	3.4	2.4	2.4	-	-	15.0	**398**	607
Italy, Torino	11.7	12.6	6.2	13.7	0.6	0.0	0.1	12.9	**2168**	2788
Italy, Umbria Region	13.8	10.5	4.9	6.4	0.5	0.1	0.0	8.1	**1587**	2078
Italy, Varese Province	15.8	12.1	6.9	9.9	0.6	-	-	15.7	**964**	1305
Italy, Veneto Region	18.3	14.3	5.0	7.1	1.5	0.1	0.1	17.6	**3613**	4789
Latvia	16.6	4.7	4.9	1.6	0.3	0.0	0.1	33.6	**2835**	4781
Lithuania	24.4	5.7	6.5	4.3	0.3	0.0	0.1	23.0	**5052**	6927
Malta	12.3	6.5	5.1	5.3	0.0	0.1	0.1	9.3	**405**	532
Norway	8.8	9.2	6.6	4.4	2.9	0.1	0.1	3.3	**5682**	6505
Poland, Cracow	23.4	5.9	7.0	3.5	1.4	-	-	18.8	**931**	1501 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
Poland, Warsaw City	13.3	5.7	6.5	1.8	0.4	-	-	20.3	**2471**	2947
Portugal, Porto	10.1	9.5	4.7	3.5	1.1	0.1	0.0	1.3	**2968**	3115 *
Portugal, South Regional	8.8	7.1	3.7	4.6	1.0	0.0	0.1	7.1	**2915**	3710
Russia, St Petersburg	16.2	4.1	4.2	8.8	0.4	0.0	0.0	21.1	**4832**	7722

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Lung (C34) - Male (Contd)

	Carcinoma					Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Small cell	Large cell	O&U				MV	Total
Europe (Contd)										
Serbia	23.4	9.6	7.0	2.3	2.1	0.0	0.1	13.3	**8298**	10626
Slovak Republic	25.3	6.2	7.5	5.1	1.2	0.0	0.0	15.5	**7012**	9443
Slovenia	22.1	12.8	10.5	5.3	2.3	0.0	0.0	4.5	**3920**	4013
Spain, Albacete	16.0	5.0	7.0	4.1	0.3	-	-	5.6	**408**	489
Spain, Asturias	24.2	11.2	10.3	4.9	0.5	0.1	0.0	4.9	**2510**	2825
Spain, Basque Country	18.4	12.6	8.2	7.9	0.7	0.0	0.0	6.3	**3314**	3851
Spain, Canary Islands	16.4	10.8	5.8	7.8	0.7	0.1	0.0	7.6	**1947**	2280
Spain, Cuenca	13.5	3.7	7.8	5.4	0.2	-	-	7.3	**324**	441
Spain, Girona	17.4	10.9	8.4	10.3	1.2	0.1	0.2	6.0	**1113**	1292
Spain, Granada	16.2	5.8	6.3	5.1	0.9	0.0	-	8.5	**1060**	1399
Spain, Murcia	16.6	9.2	9.5	7.0	0.3	-	-	7.8	**1727**	2072
Spain, Navarra	19.6	8.7	7.5	10.5	1.0	-	0.1	4.2	**1120**	1253
Spain, Tarragona	17.7	7.9	8.0	7.8	0.4	0.0	-	7.4	**854**	1034
Spain, Zaragoza	19.7	10.2	7.3	5.8	0.5	-	-	5.6	**1584**	1836
Sweden	5.8	6.4	3.1	4.3	0.4	0.0	0.0	0.8	**8225**	8419
Switzerland, Geneva	13.4	13.0	6.7	8.1	1.1	0.1	-	3.1	**651**	704
Switzerland, Graubunden and Glarus	13.3	16.4	7.1	4.1	0.4	-	0.1	3.2	**356**	402
Switzerland, Neuchatel	15.6	11.6	8.2	7.8	1.3	-	-	4.5	**306**	342
Switzerland, St Gall-Appenzell	13.1	10.2	6.4	6.1	0.6	0.1	0.1	3.2	**702**	779
Switzerland, Ticino	11.4	13.3	7.4	11.6	0.6	0.0	0.1	4.3	**577**	647
Switzerland, Valais	15.8	16.0	9.1	3.6	0.4	0.1	0.1	3.6	**467**	513
Switzerland, Vaud	13.0	11.8	6.6	10.7	0.9	0.0	0.0	3.5	**1025**	1121
The Netherlands	17.8	11.7	8.9	10.3	1.9	0.1	0.1	3.8	**30297**	32734
The Netherlands, Eindhoven	21.7	10.5	9.8	12.4	1.1	0.2	0.0	4.6	**2084**	2267
The Netherlands, Maastricht	17.2	9.5	9.2	15.5	2.8	0.1	0.0	2.9	**2010**	2134
UK, England, East of England Region	12.3	5.6	4.7	12.0	0.4	0.1	0.0	0.3	**3439**	4680
UK, England, Merseyside and Cheshire	15.4	9.4	7.8	22.2	0.5	0.1	0.0	0.5	**3770**	5866
UK, England, North Western	15.8	5.5	6.7	22.8	0.5	0.0	0.0	0.3	**5988**	9062
UK, England, Northern And Yorkshire	17.1	7.6	8.0	14.6	0.5	0.1	0.0	5.5	**8950**	15621
UK, England, Oxford Region	10.2	5.9	4.9	11.5	0.3	0.0	0.0	0.1	**2607**	3625
UK, England, South and Western Regions	9.1	4.9	4.4	9.5	0.4	0.1	0.0	7.4	**7604**	11985
UK, England, Thames	10.9	6.1	4.9	16.0	0.3	0.1	0.0	2.7	**15734**	23674
UK, England, Trent	12.3	5.7	6.5	17.4	2.8	0.0	0.1	1.2	**6703**	10178
UK, England, West Midlands	13.0	5.7	6.1	15.7	0.5	0.0	0.1	3.2	**7476**	10415
UK, Northern Ireland	11.1	4.0	4.6	4.0	2.1	0.0	0.0	18.6	**1795**	2686
UK, Scotland	18.3	9.7	9.7	12.7	3.6	0.1	0.1	6.7	**9697**	12957
Oceania										
Australia, New South Wales	9.2	8.7	4.8	12.1	1.2	0.1	0.0	1.5	**7871**	9268
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-	-
Australia, Queensland	10.8	12.3	5.1	10.2	2.4	0.0	0.0	0.3	**4200**	5264
Australia, South	5.0	10.2	4.8	8.2	3.7	0.1	-	4.2	**1926**	2321
Australia, Tasmania	14.1	8.9	5.2	5.6	1.2	0.1	-	7.9	**657**	816
Australia, Victoria	8.7	9.1	4.6	7.2	0.6	0.0	0.1	6.1	**5304**	6609
Australia, Western	8.1	11.3	5.5	10.8	1.7	0.1	0.1	2.1	**2156**	2523
Australian Capital Territory	5.5	8.9	2.8	7.0	1.1	-	-	0.3	**194**	222
French Polynesia	17.1	8.8	8.0	17.6	1.2	-	-	9.6	**215**	250
New Zealand	9.8	8.1	4.4	5.4	0.5	0.0	0.0	7.0	**3689**	4728
USA, Hawaii	10.6	14.8	5.2	6.9	3.5	0.1	0.0	2.6	**1829**	1981
USA, Hawaii: Chinese	5.5	13.8	1.5	4.5	2.0	-	-	1.3	**115**	121
USA, Hawaii: Filipino	11.5	18.1	7.5	6.7	3.1	-	-	1.8	**310**	332
USA, Hawaii: Hawaiian	18.9	17.7	7.2	11.4	7.2	0.2	0.2	5.5	**299**	324
USA, Hawaii: Japanese	7.5	10.0	3.8	5.4	2.8	0.3	-	1.2	**466**	504
USA, Hawaii: White	11.0	17.0	5.7	7.5	3.1	0.1	0.1	3.4	**515**	564

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Lung (C34) - Female

	Carcinoma					Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Small cell	Large cell	O&U				MV	Total
Africa										
Algeria, Setif	0.7	0.5	-	0.3	0.0	-	-	0.3	**32**	37 *
Egypt, Gharbiah	0.2	1.4	0.2	0.9	0.0	-	-	0.8	**132**	174
Tunisia, Centre, Sousse	0.4	0.5	0.2	0.6	-	-	-	.	**17**	17 *
Uganda, Kyadondo County	0.2	1.0	0.0	0.7	0.0	-	-	1.8	**28**	40 *
Zimbabwe, Harare: African	0.9	0.9	0.2	2.3	0.1	-	-	0.2	**33**	56 *
America, Central and South										
Argentina, Bahia Blanca	0.5	2.5	0.6	6.6	-	0.1	-	0.6	**74**	105
Brazil, Brasilia	1.9	3.6	0.6	1.4	0.1	0.0	-	4.5	**259**	300
Brazil, Cuiaba	1.1	1.8	0.3	1.9	-	0.2	-	5.0	**39**	71
Brazil, Goiania	1.8	3.8	0.7	1.4	0.2	-	-	2.0	**134**	173
Brazil, Sao Paulo	1.6	3.3	1.0	1.8	0.2	0.0	0.0	3.6	**2151**	3229
Chile, Valdivia	0.6	0.5	0.3	0.5	-	-	-	2.6	**21**	51
Colombia, Cali	1.3	2.1	0.5	1.1	0.1	0.0	0.0	4.2	**231**	408
Costa Rica	0.6	1.0	0.2	0.4	0.1	0.0	-	2.1	**186**	359
Ecuador, Quito	0.5	1.8	0.2	0.3	0.0	-	0.0	1.3	**90**	136
France, La Martinique	0.6	2.2	0.2	1.2	0.1	-	-	0.7	**66**	74
Peru, Trujillo	0.3	2.1	0.2	0.9	-	-	-	1.2	**41**	52 *
America, North										
Canada (excluding Quebec, Yukon and Nunavut)	4.5	11.2	4.7	5.4	1.9	0.0	0.0	3.8	**23632**	30148
Canada, Alberta	4.7	11.3	4.8	5.7	2.3	-	0.0	1.6	**2571**	3093
Canada, British Columbia	4.2	10.3	4.7	7.7	2.6	0.0	0.0	1.3	**4479**	5440
Canada, Manitoba	4.6	15.3	5.3	7.0	2.7	0.0	0.0	1.6	**1442**	1773
Canada, New Brunswick	6.8	13.5	6.4	6.4	1.5	-	-	1.6	**936**	1133
Canada, Newfoundland and Labrador	4.0	5.2	4.6	5.9	1.5	-	-	0.2	**380**	402
Canada, Northwest Territories	7.5	9.2	13.5	6.0	0.7	-	-	.	**22**	23
Canada, Nova Scotia	5.2	12.5	5.8	7.0	2.7	-	-	5.0	**1234**	1594
Canada, Ontario	4.3	11.2	4.4	4.3	1.4	0.0	0.0	5.7	**11342**	15166
Canada, Prince Edward Island	5.7	12.4	7.7	6.0	2.9	-	-	3.8	**184**	219
Canada, Saskatchewan	5.7	11.0	4.5	4.1	2.1	-	-	2.9	**1042**	1305
USA, Alabama	6.1	10.2	6.9	5.9	2.7	0.0	0.0	2.2	**5559**	6470
USA, Alabama: Black	4.7	9.1	3.3	4.7	2.4	-	0.0	1.4	**856**	997
USA, Alabama: White	6.5	10.5	7.8	6.1	2.8	0.0	0.0	2.3	**4660**	5425
USA, Alaska	6.9	13.9	7.5	5.9	2.8	-	-	3.8	**514**	586
USA, Arizona	4.9	10.7	5.4	6.2	3.0	0.0	0.0	1.9	**6221**	6967
USA, California	4.3	11.9	4.8	5.9	3.1	0.1	0.1	1.3	**35421**	40104
USA, California, Greater San Francisco Bay Area	3.7	11.7	3.9	6.0	3.4	0.0	0.0	1.1	**6780**	7753
USA, California, Greater San Francisco Bay Area: Black	5.8	15.1	5.5	9.0	4.7	-	0.2	1.5	**603**	684
USA, California, Greater San Francisco Bay Area: Chinese	0.9	9.2	0.5	2.9	2.7	-	-	0.7	**345**	377
USA, California, Greater San Francisco Bay Area: Filipino	1.1	7.8	0.5	2.2	1.5	-	-	0.6	**158**	170
USA, California, Greater San Francisco Bay Area: Hispanic White	2.8	7.0	2.6	3.7	1.9	-	-	0.3	**432**	479
USA, California, Greater San Francisco Bay Area: Japanese	1.9	6.6	1.5	2.9	1.8	-	-	0.5	**80**	88
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	4.4	13.1	5.0	7.1	3.8	0.1	0.0	1.4	**4918**	5683
USA, California, Los Angeles County	3.6	10.4	4.0	5.1	2.6	0.1	0.0	0.8	**8276**	9129
USA, California, Los Angeles County: Black	5.9	11.0	5.1	7.4	3.5	0.1	0.1	0.9	**1076**	1171
USA, California, Los Angeles County: Chinese	1.1	10.4	0.6	4.3	1.7	-	0.2	0.6	**247**	263
USA, California, Los Angeles County: Filipino	0.7	10.8	0.7	1.9	1.5	0.1	-	0.6	**174**	185
USA, California, Los Angeles County: Hispanic White	1.6	5.2	1.7	2.2	1.1	0.1	0.0	0.5	**900**	980
USA, California, Los Angeles County: Japanese	1.3	6.6	0.8	3.9	1.0	0.1	-	0.5	**102**	112
USA, California, Los Angeles County: Korean	2.0	8.5	1.5	1.9	1.0	-	-	0.3	**110**	116
USA, California, Los Angeles County: Non-Hispanic White	4.7	13.6	6.0	6.8	3.6	0.1	0.1	1.0	**5521**	6150
USA, California: Asian and Pacific Islander	1.5	8.8	1.0	2.7	1.8	0.0	0.0	0.6	**2233**	2414
USA, California: Black	6.1	12.3	5.1	7.6	3.6	0.0	0.1	1.1	**2343**	2579
USA, California: Hispanic White	2.1	6.0	2.1	2.8	1.6	0.0	0.0	0.7	**2659**	2937
USA, California: Non-hispanic White	5.2	14.1	6.2	7.0	3.7	0.1	0.1	1.5	**27963**	31924
USA, Colorado	4.4	10.3	5.3	3.5	2.3	0.0	0.1	2.5	**3647**	4288
USA, Connecticut	5.2	15.8	5.9	6.1	3.6	0.0	-	0.8	**5291**	5840
USA, Connecticut: Black	5.8	13.1	4.0	5.7	3.6	-	-	1.1	**298**	324
USA, Connecticut: White	5.2	16.1	6.1	6.2	3.7	0.0	-	0.8	**4965**	5485
USA, District of Columbia	5.8	13.7	4.0	5.0	2.7	0.1	0.2	2.6	**718**	831
USA, District of Columbia: Black	6.7	14.1	4.6	5.5	2.6	0.1	0.3	2.9	**528**	611
USA, District of Columbia: White	3.9	12.8	2.6	4.5	3.1	0.1	-	1.5	**178**	203
USA, Florida	5.5	14.0	6.4	7.0	3.1	0.1	0.0	3.0	**29402**	33616
USA, Florida: Black	5.0	8.9	3.0	5.4	2.3	0.1	0.0	2.2	**1634**	1835
USA, Florida: White	5.6	14.6	6.9	7.2	3.2	0.1	0.0	3.1	**27513**	31497
USA, Georgia	5.9	10.7	6.3	7.1	2.7	0.0	0.0	2.2	**8547**	9866
USA, Georgia, Atlanta	5.2	10.5	5.5	7.7	3.1	0.0	0.0	1.5	**2570**	2842
USA, Georgia, Atlanta: Black	5.9	9.1	3.9	6.6	3.7	0.1	-	1.6	**655**	721
USA, Georgia, Atlanta: White	5.0	11.2	6.4	8.3	3.0	0.0	0.0	1.5	**1882**	2086
USA, Georgia: Black	5.1	8.8	3.4	5.8	2.6	0.1	0.1	1.7	**1493**	1720
USA, Georgia: White	6.1	11.4	7.2	7.5	2.8	0.0	0.0	2.3	**6994**	8080
USA, Idaho	4.5	9.7	5.0	4.6	3.4	0.1	0.1	1.7	**1174**	1406
USA, Illinois	6.1	13.0	7.0	5.9	3.3	0.1	0.0	1.7	**16664**	18830
USA, Illinois: Black	7.9	13.5	5.4	8.2	3.7	0.1	0.0	2.3	**2197**	2508
USA, Illinois: White	5.9	13.0	7.4	5.7	3.3	0.1	0.0	1.7	**14257**	16097
USA, Indiana	7.1	11.9	8.2	7.6	3.6	0.1	0.0	1.6	**8789**	9892
USA, Iowa	5.2	11.6	6.9	4.6	3.3	0.1	0.1	1.7	**3885**	4513
USA, Kentucky	9.9	14.3	11.1	8.2	4.2	0.0	0.0	2.5	**7178**	8299
USA, Louisiana	6.9	11.9	7.1	6.9	2.8	0.1	0.0	2.1	**5844**	6716
USA, Louisiana, New Orleans: Black	6.6	11.5	4.9	6.3	2.3	0.1	-	3.2	**426**	487
USA, Louisiana, New Orleans: White	6.4	15.3	8.2	6.2	2.6	0.0	0.0	3.0	**1026**	1178
USA, Louisiana: Black	7.0	9.9	5.0	6.9	2.6	0.0	0.0	2.1	**1294**	1501
USA, Louisiana: White	6.8	12.8	8.0	7.0	2.9	0.1	0.0	2.1	**4517**	5179
USA, Maine	6.3	12.6	8.5	8.1	3.5	0.0	0.2	2.2	**2079**	2454
USA, Massachusetts	5.9	15.6	6.3	6.2	3.9	0.0	0.0	2.4	**9969**	11373

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Lung (C34) - Female (Contd)

	Carcinoma					Sarcoma	Other	Unspec.	Number of cases		
	Squamous	Adeno	Small cell	Large cell	O&U				MV	Total	
America, North (Contd)											
USA, Michigan	6.6	13.1	7.4	6.8	3.0	0.0	0.0	2.2	**13779**	15696	
USA, Michigan, Detroit	7.1	15.3	8.1	8.3	3.4	0.0	0.0	1.0	**6414**	7159	
USA, Michigan, Detroit: Black	8.7	15.3	6.0	9.0	4.0	-	-	1.4	**1376**	1527	
USA, Michigan, Detroit: White	6.8	15.4	8.8	8.2	3.3	0.0	0.0	0.9	**4996**	5584	
USA, Michigan: Black	8.4	15.1	5.9	8.6	3.7	-	-	2.4	**1769**	1980	
USA, Michigan: White	6.3	12.8	7.7	6.6	2.9	0.1	0.0	2.1	**11864**	13555	
USA, Missouri	6.8	13.0	7.6	6.3	3.3	0.0	0.0	3.0	**8154**	9549	
USA, Missouri: Black	7.6	12.9	7.3	8.1	4.0	-	-	2.6	**748**	857	
USA, Missouri: White	6.7	13.0	7.6	6.1	3.2	0.0	0.0	3.0	**7340**	8617	
USA, Montana	5.9	14.7	7.0	6.8	3.1	-	-	0.7	**1251**	1485	
USA, New Jersey	5.2	14.1	5.8	5.2	3.6	0.1	0.1	2.3	**12223**	13898	
USA, New Jersey: Black	6.8	12.3	4.7	5.3	3.7	0.1	0.0	2.1	**1265**	1386	
USA, New Jersey: White	5.2	14.8	6.2	5.4	3.7	0.1	0.1	2.4	**10796**	12323	
USA, New Mexico	3.5	8.3	4.1	3.5	2.3	0.0	0.0	1.9	**1407**	1744	
USA, New Mexico: American Indian	0.4	1.5	0.6	0.8	0.4	-	-	0.3	**15**	18	
USA, New Mexico: Hispanic White	2.0	5.1	2.5	2.1	1.3	0.1	0.1	1.5	**262**	325	
USA, New Mexico: Non-Hispanic White	4.5	10.8	5.5	4.5	3.1	-	0.0	2.2	**1112**	1377	
USA, New York state	5.1	14.2	5.3	5.3	3.4	0.1	0.0	2.1	**25381**	29864	
USA, New York state: Black	4.9	12.1	3.5	5.0	2.6	0.0	0.0	1.5	**2728**	3044	
USA, New York state: White	5.3	14.9	5.8	5.5	3.7	0.1	0.0	2.2	**22156**	26268	
USA, NPCR	5.7	12.6	6.4	6.2	3.1	0.1	0.0	2.2	**294649**	338828	
USA, NPCR: Black	6.4	11.6	4.6	6.5	3.0	0.1	0.0	2.0	**25734**	29095	
USA, NPCR: White	5.7	12.8	6.8	6.3	3.2	0.1	0.0	2.3	**262301**	302420	
USA, Ohio	6.4	12.4	7.7	7.3	2.8	0.1	0.0	2.2	**17097**	19352	
USA, Ohio: Black	7.8	14.0	5.9	7.9	3.0	0.1	-	2.5	**1642**	1847	
USA, Ohio: White	6.3	12.1	7.8	7.1	2.8	0.1	0.0	2.1	**15197**	17223	
USA, Oklahoma	6.3	11.7	7.7	7.3	2.7	0.0	0.0	5.2	**4995**	6072	
USA, Oregon	6.2	13.9	7.3	6.7	3.3	0.1	0.1	2.9	**4937**	5843	
USA, Pennsylvania	5.7	12.8	6.5	5.7	3.6	0.0	0.0	1.4	**19180**	21859	
USA, Pennsylvania: Black	9.6	17.0	6.1	8.0	4.3	0.1	0.0	1.7	**1865**	2073	
USA, Pennsylvania: White	5.3	12.4	6.6	5.4	3.5	0.0	0.0	1.4	**17095**	19534	
USA, Rhode Island	6.0	16.9	8.1	5.2	3.3	0.1	0.1	2.3	**1787**	2007	
USA, SEER (9 registries)	5.0	12.4	5.7	6.2	3.2	0.0	0.0	1.2	**31654**	35887	
USA, SEER (9 registries): Black	7.1	13.1	5.1	7.9	4.0	0.0	0.1	1.4	**3103**	3443	
USA, SEER (9 registries): White	5.1	12.8	6.3	6.3	3.3	0.0	0.0	1.2	**26803**	30528	
USA, SEER (14 registries)	5.2	12.5	5.8	6.0	3.2	0.1	0.0	1.5	**87820**	99738	
USA, SEER (14 registries): Asian and Pacific Islander	1.8	8.6	1.4	2.7	1.6	0.0	0.0	0.7	**3465**	3758	
USA, SEER (14 registries): Black	7.0	12.1	5.1	7.1	3.5	0.0	0.1	1.6	**7929**	8816	
USA, SEER (14 registries): Hispanic White	2.3	6.1	2.3	2.8	1.5	0.0	0.0	0.8	**3695**	4120	
USA, SEER (14 registries): Non-hispanic White	5.7	13.9	6.9	6.7	3.6	0.1	0.0	1.7	**72275**	82510	
USA, South Carolina	6.4	10.3	6.3	5.7	2.6	0.1	0.1	1.9	**4793**	5536	
USA, South Carolina: Black	5.0	8.1	2.4	4.6	2.2	0.1	0.0	1.5	**826**	963	
USA, South Carolina: White	6.8	11.0	7.6	6.1	2.8	0.0	0.1	2.1	**3929**	4529	
USA, Texas	5.3	10.2	5.9	5.2	3.1	0.1	0.0	3.0	**20246**	24106	
USA, Texas: Black	6.5	10.1	5.4	6.1	3.7	0.1	0.0	3.6	**2010**	2397	
USA, Texas: White	5.3	10.2	6.1	5.2	3.0	0.1	0.0	3.0	**17936**	21367	
USA, Utah	2.0	5.1	2.4	2.4	1.4	-	0.1	0.9	**807**	919	
USA, Vermont	3.8	11.3	6.9	5.8	3.2	-	0.0	2.3	**719**	853	
USA, Washington State	5.7	14.1	7.0	7.6	3.6	0.0	0.0	1.6	**7798**	9027	
USA, Washington, Seattle	5.9	14.2	7.0	7.6	4.1	0.1	0.0	1.0	**5393**	6164	
USA, West Virginia	8.2	12.7	10.5	8.1	3.0	0.0	0.1	3.7	**3426**	4146	
USA, Wisconsin	5.3	11.9	6.1	4.5	3.2	0.1	0.1	3.6	**6375**	7691	
Asia											
Bahrain: Bahraini	2.6	3.1	1.7	2.8	0.2	-	-	1.4	**52**	64	
China, Guangzhou City	2.4	10.1	0.4	12.2	0.3	0.0	-	1.2	**987**	1759	*
China, Hong Kong	1.7	11.5	0.9	1.3	2.7	0.0	0.0	5.2	**4620**	6134	
China, Jiashan	1.0	3.3	0.1	8.5	0.1	-	-	.	**59**	182	*
China, Nangang District, Harbin City	-	-	-	-	-	-	-	34.4	**629**	840	
China, Shanghai	0.3	1.4	0.0	0.1	0.1	-	0.0	18.0	**2455**	5718	*
China, Zhongshan	1.1	4.0	0.2	9.3	0.2	-	-	.	**285**	521	*
Cyprus	0.6	3.5	0.3	0.0	0.4	-	-	0.2	**119**	128	*
India, Chennai (Madras)	0.4	0.6	0.1	0.4	0.1	0.0	-	1.0	**115**	226	
India, Karunagappally	0.4	0.8	0.1	0.1	0.1	-	-	0.7	**15**	20	
India, Mumbai (Bombay)	0.3	1.2	0.3	0.2	0.1	0.0	0.0	1.0	**404**	599	
India, Nagpur	0.8	0.9	0.2	0.1	-	-	-	0.4	**83**	96	*
India, New Delhi	0.4	0.6	0.6	1.0	0.0	0.0	-	0.7	**427**	537	*
India, Poona	-	-	-	-	-	-	-	3.0	**122**	182	*
India, Trivandrum	0.2	0.5	0.1	0.2	0.2	0.1	-	0.6	**42**	51	*
Israel	1.4	5.0	1.0	1.1	2.3	0.1	0.0	1.2	**2035**	2493	
Israel: Jews	1.5	5.3	1.1	1.1	2.4	0.1	0.0	1.0	**1951**	2331	
Israel: Non-Jews	0.3	2.2	0.9	0.4	0.5	0.1	-	0.6	**68**	82	
Japan, Aichi Prefecture	0.7	7.8	0.4	0.1	0.2	-	-	2.8	**427**	588	
Japan, Fukui Prefecture	0.5	6.6	0.4	0.2	0.3	0.0	-	2.3	**426**	617	
Japan, Hiroshima	1.1	9.3	0.8	1.5	0.2	-	-	0.0	**577**	720	
Japan, Miyagi Prefecture	0.8	7.8	0.7	0.5	0.1	0.0	-	2.6	**1258**	1798	
Japan, Nagasaki Prefecture	0.9	9.3	0.7	3.0	0.4	0.0	0.0	0.0	**1216**	1605	
Japan, Osaka Prefecture	1.3	6.8	1.1	0.3	0.1	0.0	0.0	4.2	**4842**	7141	
Japan, Yamagata Prefecture	0.7	7.2	0.6	0.2	0.2	0.1	-	2.6	**721**	1041	
Korea	1.3	4.8	1.0	0.6	0.3	0.0	0.0	4.5	**9096**	14666	
Korea, Busan	1.3	4.1	0.8	0.5	0.2	0.0	0.0	5.2	**770**	1302	
Korea, Daegu	1.9	5.5	1.2	0.6	0.1	-	0.0	4.3	**640**	930	
Korea, Daejeon	1.5	4.8	0.8	0.5	0.4	0.0	0.0	3.5	**278**	399	
Korea, Gwangju	1.4	4.8	1.5	0.7	0.0	-	0.1	4.7	**294**	479	
Korea, Incheon	1.3	5.4	1.0	0.5	0.2	0.0	-	4.6	**532**	822	

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Lung (C34) - Female (Contd)

	Carcinoma					Sarcoma	Other	Unspec.	Number of cases		
	Squamous	Adeno	Small cell	Large cell	O&U				MV	Total	
Asia (Contd)											
Korea, Jejudo	1.4	4.7	0.7	0.7	0.4	-	-	2.8	**83**	120	
Korea, Seoul	1.5	6.1	1.1	0.8	0.2	0.0	0.0	4.5	**2520**	3659	
Korea, Ulsan	2.1	4.6	1.2	0.8	0.3	-	0.1	4.7	**146**	227	
Kuwait: Kuwaitis	0.7	1.0	0.5	0.3	0.6	-	-	1.5	**32**	45	
Kuwait: Non-Kuwaitis	0.3	1.1	0.4	0.3	0.5	-	-	0.6	**19**	22	
Malaysia, Penang	1.5	3.6	0.1	1.3	0.4	-	-	3.0	**169**	220	
Malaysia, Sarawak	1.6	3.1	0.6	1.8	0.0	0.0	0.0	4.0	**292**	395	
Oman: Omani	0.5	0.7	0.3	0.5	-	-	-	0.3	**32**	36	*
Pakistan, South Karachi	1.0	0.6	0.4	1.0	0.2	-	-	0.2	**47**	61	*
Philippines, Manila	1.1	4.1	0.4	2.5	1.5	0.0	-	5.1	**652**	1138	*
Singapore	1.7	8.1	1.4	2.2	0.2	0.0	0.0	2.7	**1306**	1582	
Singapore: Chinese	1.9	8.8	1.6	2.2	0.2	0.0	0.0	2.8	**1176**	1434	
Singapore: Indian	0.6	3.1	-	0.9	0.4	-	-	1.8	**28**	33	
Singapore: Malay	0.8	5.6	0.6	2.8	0.3	-	-	1.7	**102**	115	
Thailand, Chiang Mai	4.4	8.6	2.2	2.0	0.1	-	-	6.2	**692**	933	*
Thailand, Lampang	4.7	7.4	2.0	4.2	0.1	-	-	8.6	**429**	633	*
Thailand, Songkhla	0.9	2.6	0.2	0.2	0.2	0.1	-	1.3	**123**	167	
Turkey, Antalya	0.8	1.7	0.5	0.2	0.7	0.0	0.0	0.8	**116**	141	*
Turkey, Izmir	0.7	1.7	0.8	0.3	1.3	0.0	-	1.0	**416**	500	*
Europe											
Austria	1.5	5.4	2.4	2.1	0.5	0.0	0.0	1.9	**4564**	5519	
Austria, Tyrol	2.1	6.9	2.8	1.0	1.9	0.0	-	0.6	**396**	446	
Austria, Vorarlberg	1.5	3.6	2.2	3.2	0.6	-	-	2.1	**137**	185	
Belarus	0.7	0.9	0.1	0.2	0.2	0.0	0.0	2.4	**1282**	2330	*
Belgium, Antwerp	2.5	5.4	2.5	2.0	0.5	0.0	0.0	0.5	**966**	1021	*
Belgium, Flanders	1.6	4.1	1.7	2.0	0.5	0.0	0.0	0.7	**2029**	2324	
Bulgaria	1.4	0.9	0.5	0.2	0.2	0.0	0.0	3.8	**1137**	2782	*
Croatia	2.2	3.3	1.4	1.6	0.1	0.0	0.0	3.8	**1864**	2804	
Czech Republic	3.2	2.8	2.1	1.2	0.3	0.0	0.0	4.3	**4966**	6825	
Denmark	5.0	11.9	6.3	2.6	2.3	0.0	0.1	3.3	**6507**	7790	
Estonia	1.8	1.6	1.7	0.6	0.3	0.0	0.0	2.7	**454**	677	
Finland *(data not available)*	-	-	-	-	-	-	-	-	**-**	-	
France, Bas-Rhin	2.0	4.7	1.9	1.3	0.7	0.1	-	0.4	**446**	478	
France, Calvados	1.1	3.0	1.5	1.1	0.6	-	-	0.4	**207**	217	
France, Doubs	1.1	4.4	1.9	1.8	0.2	0.1	-	0.2	**192**	200	
France, Haut-Rhin	2.9	4.0	1.2	1.3	0.0	0.0	-	0.3	**280**	304	
France, Herault	1.8	4.4	1.9	1.7	0.5	0.1	0.0	0.1	**398**	402	
France, Isere	1.4	3.7	1.4	1.1	0.7	0.1	-	0.3	**367**	399	
France, Loire-Atlantique	1.2	3.8	1.0	0.8	0.5	0.0	0.0	0.3	**342**	357	
France, Manche	1.0	1.9	1.3	0.7	0.8	-	-	0.1	**123**	127	
France, Somme	1.7	3.3	1.9	0.6	0.5	-	-	0.3	**183**	195	
France, Tarn	1.0	2.9	1.2	0.3	0.8	0.0	-	0.4	**125**	137	
France, Vendee	0.9	3.9	0.6	1.0	0.2	0.1	-	0.1	**161**	165	
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	-	**-**	-	
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	-	**-**	-	
Germany, Hamburg	2.6	5.1	4.7	7.0	1.1	0.0	0.0	0.2	**1250**	1897	
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	-	**-**	-	
Germany, Munich	1.5	4.6	2.3	1.2	1.6	0.0	0.0	2.4	**1253**	1638	
Germany, Northrhine-Westphalia: Munster	2.2	3.7	3.9	3.4	0.7	0.1	0.0	0.3	**1404**	1873	
Germany, Saarland	3.3	5.7	3.9	1.9	0.4	0.1	-	2.0	**807**	987	
Iceland	5.3	12.6	4.5	5.1	2.4	-	-	1.4	**286**	302	
Ireland	4.0	4.3	3.4	2.9	0.5	0.0	0.0	5.1	**2111**	3052	
Italy, Biella Province	1.1	3.8	1.6	1.3	0.5	-	-	2.4	**104**	165	
Italy, Brescia Province	1.2	4.4	1.0	1.1	0.6	0.0	0.0	2.8	**274**	386	
Italy, Ferrara Province	2.0	4.5	1.3	2.9	0.6	-	-	1.3	**234**	321	
Italy, Florence and Prato	2.0	3.2	1.1	1.7	0.6	0.0	-	3.3	**576**	897	
Italy, Genoa Province	1.4	4.2	0.7	1.1	0.4	-	-	3.7	**293**	495	
Italy, Macerata Province	0.7	3.0	1.0	1.0	0.4	-	-	2.9	**73**	101	
Italy, Milan	1.4	6.2	1.6	1.8	1.1	0.0	-	4.5	**811**	1294	
Italy, Modena Province	1.4	4.0	2.0	1.3	0.9	-	-	3.3	**315**	470	
Italy, Naples	0.9	2.9	0.9	0.7	1.4	0.1	-	3.3	**119**	189	
Italy, North East Cancer Surveillance Network	1.6	4.3	1.4	2.1	0.4	0.0	0.0	2.2	**1250**	1620	
Italy, Parma Province	1.3	4.5	1.4	3.0	0.4	-	0.1	2.7	**272**	394	
Italy, Ragusa Province	0.2	1.7	0.1	0.3	0.2	-	-	2.8	**59**	91	
Italy, Reggio Emilia Province	1.2	4.2	2.0	1.8	0.3	0.0	-	3.4	**273**	336	
Italy, Romagna Region	2.2	5.6	1.6	1.7	0.7	-	0.1	2.1	**670**	853	
Italy, Salerno Province	1.0	1.9	0.4	0.5	-	0.1	-	2.3	**145**	259	
Italy, Sassari Province	1.2	3.3	0.5	1.0	0.3	-	0.1	1.7	**142**	186	
Italy, Sondrio	1.0	5.1	1.2	1.7	0.5	0.2	-	1.7	**90**	112	
Italy, Syracuse Province	0.5	2.4	0.4	0.5	1.0	-	0.1	1.5	**60**	88	
Italy, Torino	1.2	3.6	1.7	2.8	0.4	-	0.0	2.8	**582**	813	
Italy, Umbria Region	1.3	3.2	1.1	1.9	0.5	0.1	0.0	1.7	**376**	509	
Italy, Varese Province	1.7	3.6	1.2	0.7	0.4	0.1	0.1	3.2	**200**	309	
Italy, Veneto Region	1.9	5.0	1.1	1.7	0.7	0.0	0.0	3.7	**986**	1454	
Latvia	0.9	1.4	0.5	0.2	0.1	-	-	3.9	**470**	922	
Lithuania	1.2	1.4	0.5	0.5	0.1	0.1	0.0	2.8	**731**	1224	
Malta	1.3	2.0	0.6	0.6	0.2	0.2	0.0	1.2	**76**	98	
Norway	2.7	6.2	4.2	2.8	1.8	0.1	0.0	1.4	**3264**	3751	
Poland, Cracow	3.8	2.7	2.9	1.6	0.4	-	0.0	5.5	**365**	609	*
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	**-**	-	
Poland, Warsaw City	2.7	2.8	3.6	0.8	0.1	0.0	0.0	7.3	**1223**	1519	
Portugal, Porto	0.6	3.0	0.5	0.6	0.3	0.0	0.0	0.2	**641**	681	*
Portugal, South Regional	0.6	2.6	0.4	0.7	0.5	0.0	-	1.3	**652**	863	
Russia, St Petersburg	1.0	1.2	0.3	1.2	0.1	0.0	0.0	2.7	**1047**	1891	

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Lung (C34) - Female (Contd)

	Carcinoma					Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Small cell	Large cell	O&U				MV	Total
Europe (Contd)										
Serbia	4.8	3.4	2.0	0.6	0.6	0.0	0.0	3.4	**2346**	3064
Slovak Republic	2.0	1.8	1.0	0.9	0.4	0.0	0.0	2.0	**1266**	1765
Slovenia	2.0	5.3	2.8	1.1	0.7	-	0.0	0.9	**1149**	1180
Spain, Albacete	0.5	0.9	0.2	1.0	0.3	-	-	0.3	**42**	49
Spain, Asturias	0.6	2.6	0.8	0.9	0.3	0.0	-	0.6	**288**	351
Spain, Basque Country	0.9	3.3	0.7	1.0	0.3	0.0	0.1	0.6	**464**	557
Spain, Canary Islands	0.9	3.2	0.6	1.1	0.4	0.0	-	1.2	**320**	396
Spain, Cuenca	0.4	1.2	0.2	0.4	0.3	-	-	0.9	**22**	39
Spain, Girona	0.5	2.5	0.6	0.9	0.1	0.1	-	0.7	**111**	134
Spain, Granada	0.6	1.4	0.1	0.3	0.2	-	-	0.6	**85**	121
Spain, Murcia	0.4	2.5	0.3	0.7	0.1	0.0	0.0	0.7	**184**	229
Spain, Navarra	1.0	3.2	0.4	1.4	0.4	-	-	0.5	**143**	166
Spain, Tarragona	0.5	1.4	0.5	0.5	0.2	0.1	-	0.7	**74**	96
Spain, Zaragoza	0.8	1.7	0.2	0.6	0.2	0.0	0.1	0.5	**138**	172
Sweden	2.3	5.8	2.5	2.8	0.6	0.0	0.0	0.5	**5881**	6054
Switzerland, Geneva	3.4	7.2	3.7	2.8	0.6	0.0	0.1	1.2	**347**	391
Switzerland, Graubunden and Glarus	1.4	6.2	1.7	0.8	-	0.2	-	0.7	**87**	106
Switzerland, Neuchatel	2.8	5.6	3.4	2.9	0.8	-	-	1.8	**123**	140
Switzerland, St Gall-Appenzell	2.0	5.3	2.6	1.9	0.4	-	0.1	0.7	**252**	274
Switzerland, Ticino	1.3	6.0	1.7	4.7	0.8	0.0	0.1	0.8	**223**	247
Switzerland, Valais	2.2	8.3	3.3	1.3	0.3	-	-	1.3	**172**	196
Switzerland, Vaud	1.7	7.4	3.4	4.8	0.6	-	-	1.1	**480**	525
The Netherlands	3.3	6.1	4.3	3.8	0.9	0.0	0.0	1.1	**11486**	12354
The Netherlands, Eindhoven	3.4	4.8	4.1	5.0	0.5	-	-	1.0	**692**	739
The Netherlands, Maastricht	3.2	4.8	4.4	4.6	1.1	0.0	-	0.9	**682**	726
UK, England, East of England Region	4.1	3.7	2.9	5.9	0.5	0.0	0.0	0.2	**1792**	2602
UK, England, Merseyside and Cheshire	5.8	7.0	5.9	12.4	0.4	0.0	0.0	0.3	**2620**	4310
UK, England, North Western	5.5	4.1	5.1	12.9	0.4	0.0	0.0	0.2	**3795**	6150
UK, England, Northern And Yorkshire	6.6	5.3	5.9	8.5	0.4	0.0	0.0	3.2	**5722**	10848
UK, England, Oxford Region	3.4	4.1	3.0	5.7	0.2	0.0	-	0.0	**1434**	2130
UK, England, South and Western Regions	3.2	3.1	2.6	5.0	0.3	0.0	0.0	3.5	**4311**	7229
UK, England, Thames	3.9	4.4	3.1	8.1	0.3	0.0	0.0	1.2	**9568**	15134
UK, England, Trent	4.2	3.9	4.3	8.3	1.6	0.0	0.0	0.7	**3762**	6089
UK, England, West Midlands	3.8	3.5	3.6	7.0	0.5	0.0	0.0	1.3	**3859**	5635
UK, Northern Ireland	3.9	2.7	3.6	2.2	1.2	0.0	-	9.3	**1084**	1728
UK, Scotland	7.1	7.0	7.5	7.4	2.1	0.0	0.0	3.7	**6883**	9746
Oceania										
Australia, New South Wales	2.3	5.4	2.7	5.1	0.9	0.0	0.0	0.6	**3877**	4677
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-	-
Australia, Queensland	3.0	6.7	2.8	3.9	1.4	0.0	0.0	0.1	**1978**	2480
Australia, South	1.3	6.0	2.2	3.6	1.7	0.0	-	1.8	**974**	1202
Australia, Tasmania	4.3	5.9	4.0	3.6	0.7	-	-	2.8	**371**	446
Australia, Victoria	2.4	5.9	2.6	3.4	0.5	0.0	0.0	2.6	**2878**	3676
Australia, Western	2.6	6.3	2.9	4.9	0.9	-	0.0	1.0	**1111**	1339
Australian Capital Territory	1.4	5.5	1.6	4.3	0.5	-	-	0.3	**117**	138
French Polynesia	4.7	4.5	4.4	4.7	1.0	0.3	-	4.0	**78**	95
New Zealand	3.8	5.8	3.3	3.4	0.6	0.0	0.1	4.4	**2331**	3151
USA, Hawaii	3.5	10.4	3.6	3.7	1.8	0.1	-	1.2	**1165**	1273
USA, Hawaii: Chinese	2.8	9.5	1.0	1.8	1.1	-	-	0.5	**79**	85
USA, Hawaii: Filipino	1.7	10.6	2.0	3.0	1.2	-	-	0.4	**136**	142
USA, Hawaii: Hawaiian	7.9	14.5	9.1	8.0	3.8	-	-	2.4	**238**	256
USA, Hawaii: Japanese	1.7	7.2	1.0	2.6	0.6	0.1	-	0.5	**250**	278
USA, Hawaii: White	5.4	13.1	5.5	3.9	2.7	0.2	-	2.4	**378**	423

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Bone (C40-41) - Male

	Sarcoma					Other	Unspec.	Number of cases	
	Osteo	Chondro	Ewing	Other	Unspec.			MV	Total
Africa									
Algeria, Setif	0.2	0.2	0.2	0.1	0.3	0.3	0.2	**43**	45 *
Egypt, Gharbiah	0.4	0.3	0.2	0.2	0.0	0.1	0.4	**91**	106
Tunisia, Centre, Sousse	0.3	-	0.1	-	-	-	-	**5**	5 *
Uganda, Kyadondo County	0.4	0.2	-	-	-	0.0	0.6	**14**	29 *
Zimbabwe, Harare: African	0.5	0.0	0.0	0.1	-	0.2	0.5	**32**	44 *
America, Central and South									
Argentina, Bahia Blanca	0.8	0.3	0.1	0.2	0.1	-	0.1	**11**	12
Brazil, Brasilia	0.3	0.1	0.1	0.1	-	0.9	1.8	**69**	97
Brazil, Cuiaba	0.2	0.3	0.1	-	-	1.1	1.6	**18**	25
Brazil, Goiania	0.2	0.2	0.4	0.0	-	-	0.2	**21**	24
Brazil, Sao Paulo	0.8	0.3	0.3	0.1	0.0	0.0	0.8	**384**	558
Chile, Valdivia	0.5	0.3	0.1	0.1	0.1	-	0.2	**11**	13
Colombia, Cali	0.7	0.2	0.2	0.1	0.0	0.0	0.3	**58**	67
Costa Rica	0.3	0.2	0.1	0.0	0.0	0.0	0.2	**63**	78
Ecuador, Quito	0.6	0.5	0.1	-	-	0.1	0.0	**47**	48
France, La Martinique	0.2	-	0.2	0.3	-	0.1	0.5	**9**	13
Peru, Trujillo	0.3	0.1	0.2	0.1	0.1	-	0.1	**10**	11 *
America, North									
Canada (excluding Quebec, Yukon and Nunavut)	0.3	0.3	0.2	0.1	0.0	0.1	0.1	**587**	688
Canada, Alberta	0.2	0.3	0.2	0.0	0.0	0.1	0.0	**66**	72
Canada, British Columbia	0.4	0.3	0.3	0.1	0.0	0.1	0.0	**106**	116
Canada, Manitoba	0.4	0.2	0.2	0.1	-	0.0	-	**24**	24
Canada, New Brunswick	0.3	0.4	0.1	0.0	0.1	0.1	-	**22**	22
Canada, Newfoundland and Labrador	0.4	0.1	0.8	0.1	0.1	0.1	-	**18**	18
Canada, Northwest Territories	-	-	-	-	-	-	-	**0**	0
Canada, Nova Scotia	0.5	0.1	0.3	0.0	0.1	0.3	0.0	**25**	28
Canada, Ontario	0.4	0.3	0.2	0.1	0.0	0.2	0.1	**300**	381
Canada, Prince Edward Island	-	0.1	-	-	-	-	-	**1**	1
Canada, Saskatchewan	0.3	0.3	0.1	0.1	-	0.1	0.0	**25**	26
USA, Alabama	0.4	0.3	0.2	0.1	0.0	0.1	0.1	**123**	137
USA, Alabama: Black	0.4	0.1	0.0	0.0	0.1	0.1	0.0	**20**	21
USA, Alabama: White	0.3	0.3	0.2	0.1	0.0	0.2	0.1	**99**	112
USA, Alaska	0.3	0.4	0.2	0.0	-	0.1	0.1	**18**	19
USA, Arizona	0.3	0.2	0.2	0.1	0.0	0.1	0.0	**130**	138
USA, California	0.4	0.3	0.2	0.0	0.0	0.1	0.0	**914**	942
USA, California, Greater San Francisco Bay Area	0.4	0.2	0.1	0.1	0.0	0.1	0.0	**153**	157
USA, California, Greater San Francisco Bay Area: Black	0.4	0.1	-	-	-	0.1	-	**7**	7
USA, California, Greater San Francisco Bay Area: Chinese	0.2	0.1	0.1	-	0.1	0.1	-	**7**	7
USA, California, Greater San Francisco Bay Area: Filipino	0.4	0.1	0.4	-	-	-	-	**6**	6
USA, California, Greater San Francisco Bay Area: Hispanic White	0.4	0.2	0.2	0.1	0.1	0.2	-	**35**	36
USA, California, Greater San Francisco Bay Area: Japanese	-	-	-	-	-	-	-	**0**	0
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	0.4	0.3	0.1	0.1	0.0	0.1	0.0	**90**	92
USA, California, Los Angeles County	0.4	0.2	0.2	0.0	0.0	0.2	0.0	**246**	250
USA, California, Los Angeles County: Black	0.6	0.3	0.0	0.0	0.1	0.1	-	**27**	27
USA, California, Los Angeles County: Chinese	0.4	0.2	0.2	-	-	0.1	-	**8**	8
USA, California, Los Angeles County: Filipino	0.5	0.2	-	-	-	0.1	-	**5**	5
USA, California, Los Angeles County: Hispanic White	0.3	0.2	0.1	0.0	0.0	0.1	0.0	**83**	84
USA, California, Los Angeles County: Japanese	1.3	-	-	-	-	0.3	-	**3**	3
USA, California, Los Angeles County: Korean	0.5	-	-	-	-	-	-	**2**	2
USA, California, Los Angeles County: Non-Hispanic White	0.4	0.3	0.4	0.0	0.0	0.3	0.0	**110**	113
USA, California: Asian and Pacific Islander	0.3	0.1	0.1	-	0.0	0.1	0.0	**66**	67
USA, California: Black	0.5	0.2	0.0	0.0	0.0	0.1	-	**50**	51
USA, California: Hispanic White	0.4	0.3	0.2	0.0	0.0	0.1	0.0	**258**	264
USA, California: Non-hispanic White	0.4	0.3	0.2	0.1	0.0	0.2	0.0	**529**	547
USA, Colorado	0.5	0.3	0.2	0.1	0.0	0.1	0.0	**137**	142
USA, Connecticut	0.3	0.4	0.2	0.0	0.0	0.1	-	**91**	93
USA, Connecticut: Black	0.6	0.2	-	-	-	-	-	**7**	7
USA, Connecticut: White	0.3	0.4	0.3	0.0	0.0	0.1	-	**79**	81
USA, District of Columbia	0.3	0.2	0.2	0.0	-	0.1	-	**12**	12
USA, District of Columbia: Black	0.5	0.2	-	0.0	-	-	-	**7**	7
USA, District of Columbia: White	-	0.3	-	-	-	0.2	-	**3**	3
USA, Florida	0.4	0.3	0.2	0.1	0.0	0.1	0.1	**485**	513
USA, Florida: Black	0.5	0.1	0.1	0.1	-	0.2	0.1	**48**	49
USA, Florida: White	0.4	0.3	0.3	0.0	0.0	0.1	0.1	**432**	459
USA, Georgia	0.4	0.2	0.2	0.1	0.0	0.1	0.0	**189**	195
USA, Georgia, Atlanta	0.3	0.2	0.2	0.1	0.0	0.1	0.0	**66**	67
USA, Georgia, Atlanta: Black	0.4	0.2	0.0	0.0	-	-	0.0	**15**	16
USA, Georgia, Atlanta: White	0.3	0.2	0.3	0.1	0.0	0.2	0.0	**48**	48
USA, Georgia: Black	0.5	0.2	0.0	0.0	-	-	0.0	**39**	41
USA, Georgia: White	0.3	0.2	0.3	0.1	0.0	0.1	0.0	**146**	148
USA, Idaho	0.3	0.1	0.2	0.0	0.1	0.1	0.1	**29**	31
USA, Illinois	0.3	0.2	0.2	0.1	0.0	0.1	0.0	**295**	303
USA, Illinois: Black	0.3	0.1	0.2	0.1	0.0	0.1	0.0	**37**	37
USA, Illinois: White	0.3	0.2	0.2	0.1	0.0	0.1	0.0	**246**	253
USA, Indiana	0.4	0.3	0.3	0.1	0.0	0.1	0.0	**175**	182
USA, Iowa	0.4	0.3	0.3	0.0	-	0.1	0.0	**83**	86
USA, Kentucky	0.4	0.2	0.2	0.1	0.0	0.1	0.0	**108**	115
USA, Louisiana	0.4	0.3	0.2	0.1	0.0	0.1	0.0	**108**	114
USA, Louisiana, New Orleans: Black	0.7	0.3	0.1	-	0.1	0.1	0.1	**14**	14
USA, Louisiana, New Orleans: White	1.0	0.2	0.4	-	-	0.1	0.1	**24**	24
USA, Louisiana: Black	0.4	0.4	0.1	0.1	0.0	0.1	0.1	**40**	41
USA, Louisiana: White	0.3	0.2	0.3	0.0	-	0.1	0.0	**67**	72
USA, Maine	0.3	0.2	0.3	0.1	-	0.2	0.0	**36**	38
USA, Massachusetts	0.4	0.2	0.3	0.1	0.0	0.1	0.0	**170**	173

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Bone (C40-41) - Male (Contd)

			Sarcoma			Other	Unspec.	Number of cases	
	Osteo	Chondro	Ewing	Other	Unspec.			MV	Total
America, North (Contd)									
USA, Michigan	0.4	0.3	0.2	0.1	0.0	0.1	0.1	**269**	294
USA, Michigan, Detroit	0.3	0.3	0.2	0.0	0.0	0.1	0.0	**105**	108
USA, Michigan, Detroit: Black	0.3	0.1	-	0.1	0.0	0.2	0.1	**20**	22
USA, Michigan, Detroit: White	0.3	0.4	0.3	0.0	0.0	0.1	0.0	**84**	85
USA, Michigan: Black	0.3	0.2	-	0.1	0.0	0.2	0.1	**27**	31
USA, Michigan: White	0.4	0.3	0.3	0.1	0.0	0.1	0.0	**236**	257
USA, Missouri	0.3	0.3	0.2	0.0	0.0	0.1	0.0	**137**	146
USA, Missouri: Black	0.3	0.2	-	0.1	-	-	0.1	**9**	10
USA, Missouri: White	0.4	0.3	0.2	0.0	0.0	0.1	0.0	**126**	134
USA, Montana	0.4	0.4	0.3	-	-	0.1	-	**28**	29
USA, New Jersey	0.4	0.3	0.3	0.1	0.0	0.1	0.0	**261**	268
USA, New Jersey: Black	0.3	0.1	0.1	0.1	-	0.1	0.1	**21**	22
USA, New Jersey: White	0.4	0.3	0.3	0.1	0.0	0.1	0.0	**219**	225
USA, New Mexico	0.4	0.2	0.2	0.1	0.0	0.0	0.1	**45**	45
USA, New Mexico: American Indian	0.4	-	0.2	-	-	-	0.3	**4**	4
USA, New Mexico: Hispanic White	0.3	0.3	0.1	0.0	-	-	-	**13**	13
USA, New Mexico: Non-Hispanic White	0.5	0.1	0.4	0.1	0.0	0.0	0.1	**26**	26
USA, New York state	0.4	0.3	0.2	0.0	0.0	0.1	0.1	**529**	567
USA, New York state: Black	0.6	0.2	0.1	-	0.0	0.1	0.1	**70**	76
USA, New York state: White	0.3	0.3	0.3	0.0	0.0	0.1	0.0	**424**	454
USA, NPCR	0.4	0.3	0.2	0.1	0.0	0.1	0.0	**5985**	6323
USA, NPCR: Black	0.4	0.2	0.1	0.1	0.0	0.1	0.0	**554**	581
USA, NPCR: White	0.4	0.3	0.2	0.1	0.0	0.1	0.0	**5140**	5433
USA, Ohio	0.3	0.3	0.2	0.1	0.0	0.1	0.0	**281**	289
USA, Ohio: Black	0.3	0.2	0.1	0.1	0.0	-	0.1	**27**	27
USA, Ohio: White	0.3	0.3	0.2	0.1	0.0	0.1	0.0	**248**	256
USA, Oklahoma	0.4	0.2	0.2	0.1	0.0	0.1	0.1	**86**	95
USA, Oregon	0.4	0.3	0.3	0.0	0.0	0.1	-	**100**	101
USA, Pennsylvania	0.4	0.3	0.2	0.1	0.0	0.1	0.0	**353**	365
USA, Pennsylvania: Black	0.5	0.1	0.1	0.1	0.0	0.1	-	**28**	28
USA, Pennsylvania: White	0.3	0.3	0.3	0.1	0.0	0.1	0.0	**310**	321
USA, Rhode Island	0.3	0.2	0.0	0.0	0.1	0.2	-	**23**	23
USA, SEER (9 registries)	0.4	0.3	0.2	0.1	0.0	0.1	0.0	**694**	707
USA, SEER (9 registries): Black	0.4	0.2	0.0	0.1	0.0	0.1	0.0	**58**	61
USA, SEER (9 registries): White	0.3	0.3	0.2	0.1	0.0	0.1	0.0	**576**	586
USA, SEER (14 registries)	0.4	0.3	0.2	0.1	0.0	0.1	0.0	**1988**	2047
USA, SEER (14 registries): Asian and Pacific Islander	0.3	0.1	0.1	0.0	0.0	0.1	0.0	**112**	113
USA, SEER (14 registries): Black	0.4	0.2	0.0	0.1	0.0	0.1	0.0	**173**	179
USA, SEER (14 registries): Hispanic White	0.4	0.3	0.2	0.1	0.0	0.1	0.0	**328**	336
USA, SEER (14 registries): Non-hispanic White	0.4	0.3	0.3	0.1	0.0	0.1	0.0	**1340**	1382
USA, South Carolina	0.3	0.2	0.2	0.1	0.0	0.1	0.0	**89**	95
USA, South Carolina: Black	0.3	0.2	0.1	0.1	-	0.1	-	**18**	21
USA, South Carolina: White	0.3	0.2	0.2	0.0	0.0	0.1	0.0	**69**	72
USA, Texas	0.4	0.2	0.2	0.0	0.0	0.1	0.1	**519**	583
USA, Texas: Black	0.2	0.2	0.1	0.0	0.0	0.1	0.1	**42**	48
USA, Texas: White	0.4	0.3	0.2	0.0	0.0	0.1	0.1	**458**	512
USA, Utah	0.5	0.4	0.2	0.1	0.1	0.3	0.0	**81**	82
USA, Vermont	0.4	0.4	-	-	0.1	0.1	0.0	**19**	20
USA, Washington State	0.3	0.3	0.2	0.1	0.0	0.0	0.0	**138**	144
USA, Washington, Seattle	0.3	0.3	0.1	0.0	0.0	0.0	0.0	**88**	89
USA, West Virginia	0.3	0.2	0.2	0.1	0.0	0.1	0.0	**45**	46
USA, Wisconsin	0.3	0.2	0.3	0.1	0.0	0.1	0.1	**131**	155
Asia									
Bahrain: Bahraini	0.2	-	0.5	0.4	-	0.2	0.2	**11**	12
China, Guangzhou City	0.4	0.1	0.0	0.0	0.0	0.0	0.5	**47**	63 *
China, Hong Kong	0.4	0.1	0.1	0.0	0.0	0.1	0.1	**126**	146
China, Jiashan	0.7	-	-	-	-	0.9	-	**10**	21 *
China, Nangang District, Harbin City	-	-	-	-	-	-	3.1	**58**	73
China, Shanghai	0.1	0.0	0.0	0.0	0.0	0.0	1.1	**141**	283 *
China, Zhongshan	0.3	0.0	0.1	0.1	0.0	0.1	0.4	**35**	36 *
Cyprus	0.7	0.2	0.4	0.2	0.0	0.2	-	**27**	29 *
India, Chennai (Madras)	0.3	0.1	0.1	0.1	0.1	0.0	0.4	**92**	118
India, Karunagappally	0.3	0.3	0.1	-	-	-	0.2	**8**	9
India, Mumbai (Bombay)	0.3	0.2	0.1	0.1	0.1	0.1	0.2	**259**	295
India, Nagpur	0.4	0.2	0.2	0.2	0.1	-	0.1	**61**	67 *
India, New Delhi	0.8	0.1	0.2	0.1	0.0	0.0	0.3	**421**	502 *
India, Poona	-	-	-	-	-	-	0.9	**68**	75 *
India, Trivandrum	0.3	0.0	0.0	0.0	0.1	0.0	0.1	**14**	17 *
Israel	0.4	0.3	0.4	0.1	0.0	0.1	0.1	**208**	225
Israel: Jews	0.4	0.4	0.4	0.1	0.0	0.1	0.1	**182**	194
Israel: Non-Jews	0.3	0.1	0.2	-	-	0.1	0.1	**22**	24
Japan, Aichi Prefecture	0.2	0.0	0.1	0.0	-	0.0	0.1	**9**	12
Japan, Fukui Prefecture	0.1	-	-	0.0	-	0.0	0.3	**7**	15
Japan, Hiroshima	0.1	0.1	0.1	0.1	-	0.0	0.0	**12**	13
Japan, Miyagi Prefecture	0.3	0.1	0.2	0.1	0.0	0.1	0.0	**50**	56
Japan, Nagasaki Prefecture	0.4	0.1	0.2	0.1	0.0	0.1	-	**26**	27
Japan, Osaka Prefecture	0.2	0.1	0.1	0.0	-	0.0	0.1	**98**	118
Japan, Yamagata Prefecture	0.4	0.0	0.1	0.1	0.0	0.1	0.1	**29**	33
Korea	0.4	0.1	0.1	0.1	0.0	0.1	0.2	**725**	900
Korea, Busan	0.4	0.1	0.1	0.0	-	0.1	0.3	**71**	92
Korea, Daegu	0.5	0.1	0.1	0.1	0.0	0.0	0.1	**50**	57
Korea, Daejeon	0.3	-	0.1	0.0	0.1	0.1	0.3	**23**	29
Korea, Gwangju	0.7	0.1	0.1	0.2	0.1	0.0	0.3	**41**	49
Korea, Incheon	0.4	0.2	0.1	0.1	0.0	0.1	0.1	**56**	60

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Bone (C40-41) - Male (Contd)

	Sarcoma					Other	Unspec.	Number of cases	
	Osteo	Chondro	Ewing	Other	Unspec.			MV	Total
Asia (Contd)									
Korea, Jejudo	0.4	-	0.3	-	-	-	0.4	**6**	8
Korea, Seoul	0.5	0.2	0.1	0.1	0.0	0.0	0.3	**204**	250
Korea, Ulsan	0.4	0.2	0.0	-	-	0.2	0.2	**16**	18
Kuwait: Kuwaitis	0.2	-	0.2	0.1	-	-	0.2	**12**	15
Kuwait: Non-Kuwaitis	0.2	0.0	1.5	-	-	0.0	0.0	**23**	25
Malaysia, Penang	0.2	0.1	0.1	-	0.0	0.1	0.5	**15**	23
Malaysia, Sarawak	0.5	0.1	0.0	0.1	-	0.0	0.2	**43**	47
Oman: Omani	0.1	0.2	0.1	0.1	-	-	0.2	**17**	18 *
Pakistan, South Karachi	0.3	0.2	0.3	0.3	-	0.1	0.1	**58**	61 *
Philippines, Manila	0.9	0.1	0.0	0.0	-	0.2	1.4	**116**	244 *
Singapore	0.3	0.2	0.1	0.0	0.0	0.0	0.0	**45**	46
Singapore: Chinese	0.3	0.2	0.1	0.0	0.0	0.0	0.0	**38**	39
Singapore: Indian	0.3	-	-	-	0.1	-	-	**3**	3
Singapore: Malay	0.2	0.2	-	-	-	-	-	**4**	4
Thailand, Chiang Mai	0.5	0.1	0.1	0.0	0.0	0.0	0.1	**27**	30 *
Thailand, Lampang	0.2	0.0	-	-	-	-	0.3	**5**	12 *
Thailand, Songkhla	0.4	0.0	0.2	-	-	-	0.1	**18**	20
Turkey, Antalya	0.5	0.1	0.1	0.2	-	0.1	-	**32**	34 *
Turkey, Izmir	0.3	0.3	0.1	0.2	0.0	0.1	0.0	**93**	95 *
Europe									
Austria	0.3	0.2	0.3	0.1	0.0	0.1	0.1	**184**	199
Austria, Tyrol	0.3	0.3	0.2	-	-	-	0.1	**15**	17
Austria, Vorarlberg	0.3	0.3	-	0.1	-	-	0.2	**8**	9
Belarus	0.3	0.2	0.1	0.1	0.1	0.1	0.4	**277**	345 *
Belgium, Antwerp	0.3	0.2	0.1	0.1	0.0	0.0	-	**37**	37 *
Belgium, Flanders	0.4	0.4	0.2	0.1	0.0	0.1	0.0	**173**	178
Bulgaria	0.3	0.2	0.2	0.1	0.0	0.0	0.3	**170**	270 *
Croatia	0.3	0.1	0.2	0.3	1.8	0.0	0.4	**325**	388
Czech Republic	0.2	0.2	0.2	0.1	0.0	0.1	0.3	**260**	309
Denmark	0.3	0.1	-	0.2	0.2	0.1	0.1	**119**	132
Estonia	0.5	0.3	0.2	0.1	0.0	0.1	0.1	**44**	48
Finland *(data not available)*	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	0.5	0.2	-	-	-	0.0	-	**18**	18
France, Calvados	0.2	0.2	0.2	0.1	0.0	0.2	-	**16**	17
France, Doubs	0.2	0.2	0.4	0.2	-	0.2	-	**15**	15
France, Haut-Rhin	0.4	0.2	0.1	0.1	0.0	0.0	-	**14**	16
France, Herault	0.4	0.3	0.3	-	-	0.2	-	**25**	25
France, Isere	0.3	0.3	0.6	0.1	-	0.1	0.1	**35**	38
France, Loire-Atlantique	0.2	0.1	0.1	0.1	0.0	0.0	0.0	**16**	18
France, Manche	0.6	0.1	0.4	0.1	-	0.0	-	**16**	16
France, Somme	0.5	0.3	0.3	-	0.1	-	0.1	**16**	16
France, Tarn	0.5	0.4	0.1	0.1	-	0.1	0.0	**13**	14
France, Vendee	0.7	0.1	0.2	0.0	0.1	0.0	-	**15**	15
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	0.2	0.2	0.2	0.0	0.0	0.0	0.1	**25**	32
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Munich	0.3	0.2	0.0	0.1	-	0.0	-	**45**	45
Germany, Northrhine-Westphalia: Munster	0.2	0.2	0.2	0.0	-	0.1	0.0	**44**	53
Germany, Saarland	0.4	0.3	0.3	-	0.1	0.2	-	**29**	29
Iceland	0.6	0.6	0.5	-	-	-	-	**13**	13
Ireland	0.2	0.2	0.4	0.1	0.0	0.0	0.1	**97**	107
Italy, Biella Province	0.8	0.3	-	-	-	0.2	0.1	**5**	6
Italy, Brescia Province	0.1	0.4	0.3	0.1	0.1	0.1	0.3	**18**	21
Italy, Ferrara Province	0.1	0.4	-	0.0	0.0	0.2	0.4	**12**	15
Italy, Florence and Prato	0.5	0.4	0.4	0.1	-	0.1	0.1	**37**	41
Italy, Genoa Province	0.3	0.2	0.4	0.0	-	0.2	-	**14**	14
Italy, Macerata Province	0.2	0.1	0.4	-	0.2	0.1	0.2	**5**	6
Italy, Milan	0.4	0.2	0.3	0.1	0.1	0.1	0.1	**29**	30
Italy, Modena Province	0.3	0.3	0.1	-	-	0.1	0.1	**18**	20
Italy, Naples	0.4	0.2	0.4	0.2	-	-	0.7	**18**	26
Italy, North East Cancer Surveillance Network	0.1	0.2	0.3	0.0	0.0	0.0	0.3	**44**	52
Italy, Parma Province	0.7	0.1	0.1	-	-	0.2	0.2	**11**	17
Italy, Ragusa Province	0.4	0.1	-	0.1	-	-	0.2	**5**	7
Italy, Reggio Emilia Province	0.3	0.4	0.1	0.1	-	0.1	0.4	**14**	17
Italy, Romagna Region	0.3	0.1	0.2	0.0	-	0.1	0.1	**20**	23
Italy, Salerno Province	0.1	0.1	0.2	0.1	0.1	0.2	0.4	**21**	35
Italy, Sassari Province	0.3	0.1	0.1	-	-	-	0.1	**7**	7
Italy, Sondrio	0.1	0.3	0.4	0.5	0.6	-	0.1	**9**	10
Italy, Syracuse Province	0.1	0.2	0.2	-	-	0.4	0.0	**7**	8
Italy, Torino	0.4	0.3	0.3	0.0	0.1	0.1	0.0	**34**	36
Italy, Umbria Region	0.3	0.0	0.2	0.1	0.1	0.0	0.6	**14**	28
Italy, Varese Province	0.2	0.3	0.1	-	0.2	0.1	0.0	**14**	15
Italy, Veneto Region	0.3	0.2	0.2	0.1	0.0	0.0	0.1	**36**	39
Latvia	0.4	0.1	0.0	0.2	0.1	0.1	0.4	**57**	85
Lithuania	0.3	0.2	0.1	0.1	0.1	0.1	0.5	**97**	126
Malta	0.2	0.3	0.5	-	-	-	-	**8**	9
Norway	0.4	0.2	0.2	0.1	0.0	0.1	0.0	**122**	127
Poland, Cracow	0.3	0.2	0.1	0.0	0.0	0.1	0.1	**18**	21 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	-
Poland, Warsaw City	0.2	0.2	0.1	0.1	0.0	0.1	0.2	**28**	39
Portugal, Porto	0.4	0.3	0.2	0.0	0.1	0.1	0.1	**88**	92 *
Portugal, South Regional	0.3	0.2	0.3	0.1	0.1	0.0	0.3	**72**	108
Russia, St Petersburg	0.2	0.1	0.3	0.0	0.0	0.1	0.3	**79**	106

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Bone (C40-41) - Male (Contd)

			Sarcoma			Other	Unspec.	Number of cases	
	Osteo	Chondro	Ewing	Other	Unspec.			MV	Total
Europe (Contd)									
Serbia	0.9	0.1	0.3	0.3	0.1	0.1	0.9	**269**	370
Slovak Republic	0.3	0.3	0.3	0.0	0.0	0.2	0.3	**156**	207
Slovenia	0.3	0.4	0.1	-	0.0	0.1	-	**50**	50
Spain, Albacete	-	0.3	0.5	0.2	-	0.1	0.1	**6**	8
Spain, Asturias	0.6	0.2	0.3	0.0	0.0	0.1	0.1	**36**	41
Spain, Basque Country	0.3	0.3	0.4	0.1	0.0	0.1	0.1	**54**	59
Spain, Canary Islands	0.2	0.2	0.3	0.0	0.0	0.1	0.0	**32**	36
Spain, Cuenca	-	0.1	0.3	-	-	-	0.0	**2**	3
Spain, Girona	0.8	0.4	0.4	0.1	0.1	0.2	0.0	**23**	25
Spain, Granada	0.4	0.2	0.0	0.1	-	0.2	0.0	**21**	22
Spain, Murcia	0.4	0.1	0.3	0.0	-	0.1	0.0	**29**	30
Spain, Navarra	0.6	0.3	0.1	0.1	-	0.1	-	**16**	16
Spain, Tarragona	0.4	0.2	0.1	0.1	-	-	0.0	**9**	10
Spain, Zaragoza	0.4	0.4	0.3	0.2	0.0	0.0	0.0	**29**	31
Sweden	0.4	0.3	0.2	0.0	0.0	0.1	-	**234**	234
Switzerland, Geneva	0.2	0.5	0.1	-	-	-	0.0	**9**	10
Switzerland, Graubunden and Glarus	-	0.5	-	-	0.1	0.2	-	**6**	6
Switzerland, Neuchatel	0.4	-	0.4	-	-	-	-	**2**	2
Switzerland, St Gall-Appenzell	0.5	0.5	0.1	0.1	-	-	-	**18**	18
Switzerland, Ticino	-	0.2	0.6	0.1	-	0.4	-	**10**	10
Switzerland, Valais	-	0.3	0.5	-	-	0.1	-	**7**	7
Switzerland, Vaud	0.4	0.1	0.5	-	0.1	0.1	0.0	**13**	14
The Netherlands	0.3	0.3	0.2	0.1	0.0	0.1	0.0	**420**	423
The Netherlands, Eindhoven	0.2	0.5	0.2	0.1	0.0	0.1	-	**34**	34
The Netherlands, Maastricht	0.2	0.2	0.1	0.1	0.1	0.0	-	**19**	19
UK, England, East of England Region	0.2	0.2	0.3	-	0.0	0.0	0.0	**61**	65
UK, England, Merseyside and Cheshire	0.3	0.2	0.3	0.1	0.0	0.7	0.0	**79**	128
UK, England, North Western	0.4	0.2	0.2	0.0	0.0	0.0	0.0	**78**	91
UK, England, Northern And Yorkshire	0.3	0.2	0.2	0.1	-	0.1	0.0	**131**	138
UK, England, Oxford Region	0.2	0.3	0.1	0.0	-	0.0	0.0	**51**	58
UK, England, South and Western Regions	0.2	0.2	0.2	0.0	0.0	0.1	0.3	**151**	226
UK, England, Thames	0.3	0.2	0.3	0.1	0.1	0.1	0.0	**304**	366
UK, England, Trent	0.3	0.2	0.3	0.0	0.1	0.0	0.0	**97**	107
UK, England, West Midlands	0.3	0.3	0.2	0.0	0.1	0.0	-	**129**	132
UK, Northern Ireland	0.2	0.2	0.1	-	-	0.0	0.0	**23**	26
UK, Scotland	0.3	0.2	0.3	0.1	0.0	0.1	0.0	**121**	129
Oceania									
Australia, New South Wales	0.3	0.2	0.3	0.1	0.0	0.1	0.0	**167**	178
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-
Australia, Queensland	0.3	0.3	0.3	0.1	0.0	0.1	-	**97**	100
Australia, South	0.5	0.2	0.3	0.1	0.1	0.1	-	**46**	49
Australia, Tasmania	-	0.1	0.4	0.1	-	0.1	-	**8**	8
Australia, Victoria	0.3	0.4	0.1	0.1	-	0.1	0.0	**123**	128
Australia, Western	0.2	0.3	0.1	0.0	0.0	0.1	-	**40**	43
Australian Capital Territory	0.2	0.1	0.4	0.1	-	0.1	-	**8**	8
French Polynesia	0.3	0.6	0.7	-	0.4	0.9	0.2	**15**	17
New Zealand	0.5	0.2	0.3	0.1	0.0	0.2	0.0	**127**	133
USA, Hawaii	0.5	0.3	0.1	0.0	-	0.1	-	**33**	33
USA, Hawaii: Chinese	-	-	-	-	-	-	-	**0**	0
USA, Hawaii: Filipino	0.2	0.6	-	-	-	-	-	**5**	5
USA, Hawaii: Hawaiian	0.4	-	0.2	0.2	-	0.2	-	**6**	6
USA, Hawaii: Japanese	1.1	0.2	-	-	-	-	-	**6**	6
USA, Hawaii: White	0.5	0.3	0.1	-	-	0.1	-	**11**	11

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Bone (C40-41) - Female

	Osteo	Chondro	Sarcoma Ewing	Sarcoma Other	Sarcoma Unspec.	Other	Unspec.	Number of cases MV	Number of cases Total
Africa									
Algeria, Setif	0.2	0.2	0.2	0.2	0.1	0.0	0.3	**33**	35 *
Egypt, Gharbiah	0.4	0.1	0.1	0.1	-	0.0	0.2	**57**	71
Tunisia, Centre, Sousse	0.2	0.2	-	-	-	0.1	-	**6**	6 *
Uganda, Kyadondo County	0.3	0.0	-	-	-	0.0	0.3	**17**	29 *
Zimbabwe, Harare: African	0.4	0.2	-	0.1	-	0.3	0.5	**33**	49 *
America, Central and South									
Argentina, Bahia Blanca	0.5	0.1	0.2	0.3	-	-	0.3	**7**	11
Brazil, Brasilia	0.2	0.0	0.1	0.0	-	0.4	1.2	**51**	67
Brazil, Cuiaba	0.8	0.1	0.1	0.4	-	0.6	1.0	**20**	27
Brazil, Goiania	0.3	0.3	0.2	0.1	0.0	0.0	0.0	**21**	21
Brazil, Sao Paulo	0.5	0.3	0.2	0.0	0.0	0.1	0.7	**298**	482
Chile, Valdivia	0.3	-	0.1	-	-	-	0.4	**5**	9
Colombia, Cali	0.4	0.1	0.1	0.1	0.0	0.0	0.1	**37**	41
Costa Rica	0.2	0.2	0.1	0.0	0.0	0.0	0.2	**52**	63
Ecuador, Quito	0.6	0.0	0.1	0.1	-	0.1	0.2	**34**	37
France, La Martinique	0.2	-	0.0	0.1	-	-	0.0	**4**	5
Peru, Trujillo	0.3	-	-	-	0.1	0.0	-	**7**	7 *
America, North									
Canada (excluding Quebec, Yukon and Nunavut)	0.3	0.2	0.2	0.0	0.0	0.1	0.1	**418**	516
Canada, Alberta	0.3	0.1	0.2	0.0	-	0.0	0.0	**51**	52
Canada, British Columbia	0.3	0.1	0.2	0.0	0.0	0.0	0.0	**71**	76
Canada, Manitoba	0.2	0.0	0.2	0.1	0.0	0.1	0.0	**16**	18
Canada, New Brunswick	0.4	0.3	0.0	-	-	-	-	**16**	16
Canada, Newfoundland and Labrador	0.1	0.1	0.2	0.1	-	-	-	**7**	7
Canada, Northwest Territories	-	1.8	-	-	-	-	-	**1**	1
Canada, Nova Scotia	0.2	0.1	0.1	-	-	0.0	-	**11**	11
Canada, Ontario	0.3	0.2	0.2	0.1	0.0	0.1	0.1	**225**	314
Canada, Prince Edward Island	0.2	-	-	-	-	-	-	**1**	1
Canada, Saskatchewan	0.3	0.2	0.1	-	-	-	0.0	**19**	20
USA, Alabama	0.2	0.1	0.1	0.1	0.0	0.0	0.0	**80**	98
USA, Alabama: Black	0.3	0.1	-	0.1	-	0.1	0.1	**15**	21
USA, Alabama: White	0.2	0.2	0.1	0.1	0.0	0.0	0.0	**64**	76
USA, Alaska	0.3	0.1	0.2	0.1	-	0.1	0.1	**10**	12
USA, Arizona	0.3	0.2	0.2	0.0	0.0	0.1	0.0	**117**	129
USA, California	0.3	0.2	0.1	0.0	0.0	0.1	0.0	**650**	680
USA, California, Greater San Francisco Bay Area	0.3	0.2	0.1	0.0	0.0	0.1	0.0	**110**	114
USA, California, Greater San Francisco Bay Area: Black	0.4	0.1	0.1	-	-	0.1	-	**10**	10
USA, California, Greater San Francisco Bay Area: Chinese	0.4	0.2	-	-	-	-	-	**6**	7
USA, California, Greater San Francisco Bay Area: Filipino	0.3	0.1	0.1	-	-	0.2	0.1	**6**	7
USA, California, Greater San Francisco Bay Area: Hispanic White	0.2	0.1	0.1	0.1	-	0.1	-	**17**	18
USA, California, Greater San Francisco Bay Area: Japanese	-	0.2	-	-	-	0.1	-	**1**	2
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	0.3	0.2	0.2	0.0	0.0	0.1	-	**61**	61
USA, California, Los Angeles County	0.4	0.1	0.1	0.0	0.0	0.1	-	**193**	194
USA, California, Los Angeles County: Black	0.4	0.1	0.1	0.0	-	0.1	-	**20**	20
USA, California, Los Angeles County: Chinese	0.2	0.2	-	-	-	-	-	**5**	5
USA, California, Los Angeles County: Filipino	0.1	0.3	-	0.1	-	0.2	-	**7**	7
USA, California, Los Angeles County: Hispanic White	0.3	0.1	0.1	0.1	0.0	0.1	-	**72**	72
USA, California, Los Angeles County: Japanese	0.4	-	-	-	0.1	0.7	-	**3**	3
USA, California, Los Angeles County: Korean	0.4	-	0.1	-	-	0.5	-	**3**	3
USA, California, Los Angeles County: Non-Hispanic White	0.4	0.2	0.2	0.0	0.0	0.1	-	**79**	80
USA, California: Asian and Pacific Islander	0.3	0.1	0.0	0.0	0.0	0.1	0.0	**54**	57
USA, California: Black	0.4	0.1	0.0	0.1	-	0.1	0.0	**48**	49
USA, California: Hispanic White	0.3	0.2	0.1	0.1	0.0	0.1	0.0	**190**	197
USA, California: Non-hispanic White	0.3	0.2	0.2	0.0	0.0	0.1	0.0	**347**	366
USA, Colorado	0.3	0.3	0.2	0.0	0.0	0.1	0.0	**105**	106
USA, Connecticut	0.2	0.2	0.1	0.0	0.0	0.1	0.0	**70**	74
USA, Connecticut: Black	0.1	0.2	-	0.1	-	-	0.1	**4**	5
USA, Connecticut: White	0.3	0.2	0.2	0.0	0.0	0.1	0.0	**66**	69
USA, District of Columbia	0.3	0.2	0.1	0.1	-	0.1	0.0	**13**	13
USA, District of Columbia: Black	0.3	-	-	0.1	-	0.0	0.0	**6**	6
USA, District of Columbia: White	-	0.5	0.1	-	-	0.2	-	**5**	5
USA, Florida	0.3	0.2	0.2	0.0	0.0	0.0	0.0	**361**	386
USA, Florida: Black	0.3	0.2	0.1	0.0	0.0	-	0.1	**45**	50
USA, Florida: White	0.3	0.2	0.2	0.0	0.0	0.0	0.0	**313**	333
USA, Georgia	0.2	0.2	0.2	0.0	0.0	0.1	0.0	**140**	145
USA, Georgia, Atlanta	0.2	0.1	0.1	0.1	0.0	0.1	0.0	**42**	43
USA, Georgia, Atlanta: Black	0.3	0.1	-	0.1	0.0	0.0	-	**15**	15
USA, Georgia, Atlanta: White	0.1	0.2	0.2	0.1	-	0.1	0.0	**25**	26
USA, Georgia: Black	0.4	0.1	0.0	0.0	0.0	0.0	0.0	**35**	36
USA, Georgia: White	0.2	0.2	0.2	0.0	0.0	0.1	0.0	**102**	106
USA, Idaho	0.2	0.2	0.2	0.0	-	0.1	0.0	**25**	27
USA, Illinois	0.3	0.2	0.1	0.1	0.0	0.1	0.0	**270**	278
USA, Illinois: Black	0.3	0.2	0.1	0.0	0.0	0.1	0.0	**33**	33
USA, Illinois: White	0.3	0.2	0.2	0.1	0.0	0.1	0.0	**227**	235
USA, Indiana	0.3	0.2	0.2	0.0	0.1	0.1	0.0	**128**	133
USA, Iowa	0.2	0.2	0.1	0.0	0.0	0.1	0.0	**70**	73
USA, Kentucky	0.3	0.3	0.1	0.1	0.0	0.0	0.0	**95**	100
USA, Louisiana	0.3	0.3	0.1	0.1	0.0	0.1	0.1	**99**	116
USA, Louisiana, New Orleans: Black	0.5	0.2	-	0.1	-	-	-	**9**	10
USA, Louisiana, New Orleans: White	0.1	0.3	0.1	-	-	-	0.3	**12**	16
USA, Louisiana: Black	0.3	0.2	-	0.1	-	-	0.1	**21**	25
USA, Louisiana: White	0.3	0.3	0.1	0.1	0.0	0.1	0.1	**75**	88
USA, Maine	0.4	0.1	0.2	0.1	-	-	-	**28**	28
USA, Massachusetts	0.2	0.1	0.2	0.1	0.0	0.1	0.0	**130**	136

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Bone (C40-41) - Female (Contd)

			Sarcoma			Other	Unspec.	Number of cases	
	Osteo	Chondro	Ewing	Other	Unspec.			MV	Total
America, North (Contd)									
USA, Michigan	0.3	0.2	0.1	0.1	0.0	0.1	0.0	**225**	241
USA, Michigan, Detroit	0.4	0.2	0.1	0.0	0.0	0.0	0.0	**83**	86
USA, Michigan, Detroit: Black	0.4	0.0	-	0.0	0.0	0.1	0.0	**16**	19
USA, Michigan, Detroit: White	0.4	0.2	0.1	0.0	0.0	0.0	0.0	**65**	65
USA, Michigan: Black	0.5	0.0	-	0.1	-	0.0	0.0	**24**	27
USA, Michigan: White	0.3	0.2	0.2	0.1	0.0	0.0	0.0	**194**	207
USA, Missouri	0.2	0.3	0.1	0.1	-	0.1	0.0	**132**	141
USA, Missouri: Black	0.2	0.2	0.1	0.1	-	0.0	0.1	**9**	11
USA, Missouri: White	0.2	0.3	0.1	0.1	-	0.0	0.0	**114**	121
USA, Montana	0.5	0.1	0.2	0.0	-	0.0	0.1	**20**	22
USA, New Jersey	0.3	0.3	0.2	0.1	0.0	0.1	0.0	**218**	232
USA, New Jersey: Black	0.1	0.2	0.1	0.0	-	0.0	0.0	**17**	18
USA, New Jersey: White	0.3	0.3	0.2	0.1	0.0	0.1	0.0	**181**	193
USA, New Mexico	0.3	0.2	0.3	0.0	0.0	0.0	0.0	**41**	45
USA, New Mexico: American Indian	-	0.2	0.4	-	-	-	-	**3**	3
USA, New Mexico: Hispanic White	0.4	0.1	0.3	0.1	0.1	0.1	0.1	**17**	19
USA, New Mexico: Non-Hispanic White	0.2	0.3	0.2	-	-	0.1	0.0	**21**	23
USA, New York state	0.4	0.3	0.2	0.1	0.0	0.1	0.0	**553**	594
USA, New York state: Black	0.6	0.3	-	0.1	0.0	0.1	0.0	**86**	90
USA, New York state: White	0.4	0.3	0.2	0.1	0.0	0.1	0.0	**446**	479
USA, NPCR	0.3	0.2	0.2	0.1	0.0	0.1	0.0	**4909**	5246
USA, NPCR: Black	0.3	0.1	0.0	0.1	0.0	0.0	0.0	**483**	519
USA, NPCR: White	0.3	0.2	0.2	0.1	0.0	0.1	0.0	**4171**	4457
USA, Ohio	0.3	0.2	0.2	0.1	0.0	0.1	0.0	**234**	247
USA, Ohio: Black	0.2	0.0	0.1	0.2	0.1	0.0	0.1	**25**	26
USA, Ohio: White	0.2	0.2	0.2	0.0	0.0	0.1	0.0	**199**	211
USA, Oklahoma	0.3	0.2	0.2	0.1	0.0	0.1	0.1	**83**	95
USA, Oregon	0.2	0.3	0.2	0.0	-	0.1	0.0	**75**	77
USA, Pennsylvania	0.2	0.2	0.2	0.1	0.0	0.1	0.0	**263**	274
USA, Pennsylvania: Black	0.1	0.1	-	-	0.1	0.1	-	**16**	16
USA, Pennsylvania: White	0.2	0.2	0.2	0.1	0.0	0.1	0.0	**234**	244
USA, Rhode Island	0.1	0.2	0.3	0.1	-	0.0	0.0	**18**	19
USA, SEER (9 registries)	0.3	0.2	0.1	0.0	0.0	0.1	0.0	**564**	587
USA, SEER (9 registries): Black	0.3	0.1	0.0	0.0	0.0	0.1	0.0	**50**	54
USA, SEER (9 registries): White	0.3	0.3	0.2	0.0	0.0	0.1	0.0	**466**	484
USA, SEER (14 registries)	0.3	0.2	0.1	0.0	0.0	0.1	0.0	**1550**	1638
USA, SEER (14 registries): Asian and Pacific Islander	0.3	0.1	0.1	0.0	0.0	0.0	0.0	**88**	91
USA, SEER (14 registries): Black	0.3	0.1	0.0	0.1	0.0	0.0	0.0	**135**	145
USA, SEER (14 registries): Hispanic White	0.3	0.2	0.1	0.1	0.0	0.1	0.0	**257**	269
USA, SEER (14 registries): Non-hispanic White	0.3	0.2	0.2	0.0	0.0	0.1	0.0	**1040**	1099
USA, South Carolina	0.4	0.2	0.2	0.0	-	0.0	0.0	**78**	87
USA, South Carolina: Black	0.4	0.1	-	0.0	-	-	0.0	**20**	21
USA, South Carolina: White	0.3	0.2	0.3	0.1	-	0.0	0.0	**58**	66
USA, Texas	0.3	0.2	0.2	0.1	0.0	0.1	0.1	**459**	509
USA, Texas: Black	0.4	0.1	0.0	0.1	0.0	0.0	0.1	**43**	50
USA, Texas: White	0.3	0.2	0.2	0.1	0.0	0.1	0.1	**398**	438
USA, Utah	0.3	0.5	0.1	0.0	0.0	0.1	-	**59**	61
USA, Vermont	0.2	0.1	0.2	0.0	0.0	0.1	0.1	**12**	13
USA, Washington State	0.2	0.3	0.2	0.0	0.0	0.1	0.0	**135**	145
USA, Washington, Seattle	0.2	0.4	0.1	0.0	0.0	0.1	0.0	**99**	104
USA, West Virginia	0.2	0.2	0.2	0.0	0.0	0.1	-	**37**	39
USA, Wisconsin	0.2	0.2	0.2	0.1	0.0	0.0	0.1	**96**	118
Asia									
Bahrain: Bahraini	-	-	0.2	-	-	0.4	-	**5**	5
China, Guangzhou City	0.2	0.1	0.0	0.0	-	0.0	0.2	**27**	34 *
China, Hong Kong	0.3	0.1	0.1	0.0	0.0	0.0	0.1	**90**	107
China, Jiashan	0.1	-	-	-	-	0.5	-	**2**	9 *
China, Nangang District, Harbin City	-	-	-	-	-	-	1.9	**41**	48
China, Shanghai	0.1	0.0	-	0.0	0.0	0.0	1.0	**110**	251 *
China, Zhongshan	0.3	-	-	0.0	-	0.1	0.2	**20**	23 *
Cyprus	0.1	0.3	0.3	0.2	0.0	0.1	0.1	**21**	22 *
India, Chennai (Madras)	0.2	0.1	0.1	0.1	0.1	0.0	0.3	**70**	92
India, Karunagappally	0.2	-	-	-	-	-	-	**2**	2
India, Mumbai (Bombay)	0.2	0.1	0.1	0.1	0.1	0.0	0.2	**144**	178
India, Nagpur	0.2	0.1	0.1	0.1	0.1	-	0.1	**26**	27 *
India, New Delhi	0.5	0.1	0.2	0.1	0.0	0.0	0.2	**235**	283 *
India, Poona	-	-	-	-	-	-	0.7	**47**	54 *
India, Trivandrum	0.2	0.1	0.1	-	-	-	-	**13**	13 *
Israel	0.4	0.3	0.3	0.0	0.0	0.1	0.1	**164**	183
Israel: Jews	0.4	0.3	0.3	0.0	0.0	0.1	0.0	**148**	158
Israel: Non-Jews	0.2	0.2	0.2	-	-	0.0	0.0	**16**	18
Japan, Aichi Prefecture	-	0.2	0.0	-	0.1	-	0.2	**10**	13
Japan, Fukui Prefecture	0.1	0.1	-	-	-	0.0	0.1	**6**	13
Japan, Hiroshima	0.2	0.0	0.2	0.0	-	-	-	**10**	10
Japan, Miyagi Prefecture	0.2	0.1	0.1	0.0	-	0.0	0.0	**25**	30
Japan, Nagasaki Prefecture	0.1	0.0	0.0	0.0	0.1	0.1	0.0	**15**	17
Japan, Osaka Prefecture	0.2	0.1	0.0	0.0	-	0.0	0.0	**76**	93
Japan, Yamagata Prefecture	0.2	0.0	0.1	0.0	0.0	-	0.2	**13**	21
Korea	0.3	0.1	0.1	0.0	0.0	0.1	0.1	**585**	722
Korea, Busan	0.2	0.1	0.1	0.0	0.0	0.0	0.3	**54**	81
Korea, Daegu	0.5	0.2	0.0	0.0	-	0.1	0.1	**48**	52
Korea, Daejeon	0.3	0.2	0.1	0.1	0.0	0.0	0.2	**25**	30
Korea, Gwangju	0.3	0.0	0.1	0.0	0.0	0.0	0.2	**17**	22
Korea, Incheon	0.4	0.2	0.0	0.0	-	0.0	0.2	**45**	57

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Bone (C40-41) - Female (Contd)

	Osteo	Chondro	Sarcoma Ewing	Sarcoma Other	Sarcoma Unspec.	Other	Unspec.	Number of cases MV	Number of cases Total
Asia (Contd)									
Korea, Jejudo	0.4	0.2	0.1	-	-	-	0.1	**6**	7
Korea, Seoul	0.3	0.1	0.1	0.0	0.0	0.0	0.1	**157**	187
Korea, Ulsan	0.8	0.1	0.1	0.1	-	-	0.2	**20**	21
Kuwait: Kuwaitis	0.1	0.2	0.2	0.0	-	0.1	0.3	**11**	15
Kuwait: Non-Kuwaitis	0.4	0.1	0.2	-	-	0.3	-	**11**	11
Malaysia, Penang	0.2	0.1	0.0	0.0	-	0.0	0.4	**15**	20
Malaysia, Sarawak	0.3	0.1	0.1	0.1	-	0.0	0.1	**32**	36
Oman: Omani	0.1	0.1	0.2	0.0	-	-	0.0	**15**	16 *
Pakistan, South Karachi	0.3	0.2	0.4	0.3	-	0.2	0.2	**54**	57 *
Philippines, Manila	0.8	0.1	0.1	0.0	-	0.1	0.9	**106**	203 *
Singapore	0.3	0.1	0.1	0.0	0.0	0.0	0.0	**44**	49
Singapore: Chinese	0.4	0.1	0.0	0.0	0.0	0.0	0.0	**37**	41
Singapore: Indian	0.6	-	-	-	-	-	0.4	**3**	4
Singapore: Malay	0.1	-	0.2	-	-	0.1	-	**4**	4
Thailand, Chiang Mai	0.3	0.1	0.1	0.0	0.0	-	0.1	**17**	19 *
Thailand, Lampang	0.1	-	0.1	0.1	-	-	0.5	**5**	17 *
Thailand, Songkhla	0.1	0.1	0.2	0.0	-	-	0.1	**12**	14
Turkey, Antalya	0.2	0.3	0.1	0.0	-	0.0	0.1	**23**	24 *
Turkey, Izmir	0.2	0.2	0.2	0.1	0.0	0.0	-	**56**	57 *
Europe									
Austria	0.3	0.1	0.2	0.1	0.0	0.0	0.0	**145**	159
Austria, Tyrol	0.3	0.2	0.4	0.1	-	0.1	0.0	**16**	18
Austria, Vorarlberg	-	-	0.2	-	-	-	-	**1**	1
Belarus	0.2	0.1	0.2	0.2	0.0	0.1	0.2	**236**	282 *
Belgium, Antwerp	0.1	0.3	0.1	0.1	0.0	0.1	-	**28**	28 *
Belgium, Flanders	0.2	0.4	0.2	0.1	0.0	0.0	0.0	**133**	135
Bulgaria	0.3	0.2	0.1	0.1	0.0	0.0	0.2	**141**	205 *
Croatia	0.3	0.1	0.1	0.2	1.4	0.0	0.2	**266**	311
Czech Republic	0.1	0.1	0.1	0.1	0.0	0.0	0.1	**179**	234
Denmark	0.2	0.1	-	0.1	0.2	0.0	0.0	**87**	102
Estonia	0.3	0.1	0.1	0.1	-	0.0	0.0	**30**	33
Finland *(data not available)*	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	0.2	0.1	0.2	-	-	-	-	**14**	14
France, Calvados	0.5	0.3	0.1	0.1	-	0.2	-	**22**	22
France, Doubs	0.3	0.3	0.2	0.1	0.2	-	-	**14**	15
France, Haut-Rhin	0.3	0.2	0.3	0.1	-	-	-	**19**	19
France, Herault	0.2	0.2	0.1	0.0	-	0.0	0.1	**17**	17
France, Isere	0.5	0.5	0.1	0.1	0.0	0.0	0.0	**36**	38
France, Loire-Atlantique	0.1	0.1	0.3	0.1	0.0	0.0	0.0	**23**	24
France, Manche	0.1	0.3	-	0.1	-	0.1	-	**9**	9
France, Somme	0.2	0.1	0.1	0.1	0.1	0.1	0.1	**13**	13
France, Tarn	0.2	0.0	0.4	-	-	0.0	-	**8**	8
France, Vendee	0.3	0.1	0.1	0.2	0.1	0.0	0.0	**14**	16
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	0.2	0.2	0.3	0.1	0.0	-	0.0	**25**	34
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Munich	0.5	0.2	0.1	0.1	0.0	0.0	0.0	**58**	60
Germany, Northrhine-Westphalia: Munster	0.4	0.2	0.3	0.0	0.0	0.1	0.0	**55**	62
Germany, Saarland	0.4	0.1	0.2	0.0	-	0.1	-	**21**	21
Iceland	0.2	-	-	-	-	-	-	**1**	1
Ireland	0.2	0.2	0.2	0.1	0.0	0.0	0.0	**73**	78
Italy, Biella Province	-	0.2	0.2	-	0.2	-	0.1	**2**	5
Italy, Brescia Province	0.0	0.2	-	0.3	-	0.0	0.1	**11**	13
Italy, Ferrara Province	0.4	-	0.8	-	-	-	0.2	**5**	5
Italy, Florence and Prato	0.3	0.3	0.2	0.0	-	0.1	0.1	**30**	37
Italy, Genoa Province	0.1	0.2	0.5	0.1	-	-	0.1	**11**	14
Italy, Macerata Province	0.2	0.1	-	0.1	0.0	-	-	**4**	4
Italy, Milan	0.1	0.2	0.1	0.1	0.2	0.1	0.0	**27**	29
Italy, Modena Province	0.1	0.1	0.3	0.2	0.1	-	0.0	**12**	13
Italy, Naples	0.2	0.3	0.2	0.1	-	0.1	0.4	**12**	19
Italy, North East Cancer Surveillance Network	0.2	0.1	0.2	0.1	0.1	-	0.1	**41**	50
Italy, Parma Province	0.2	0.6	-	0.1	-	0.1	0.1	**16**	18
Italy, Ragusa Province	0.2	0.1	0.3	-	-	-	0.4	**6**	9
Italy, Reggio Emilia Province	0.1	0.0	0.8	-	-	-	0.2	**12**	13
Italy, Romagna Region	0.3	0.1	0.5	0.0	0.1	0.1	0.1	**25**	28
Italy, Salerno Province	0.3	0.1	0.1	0.1	0.0	0.1	0.4	**15**	28
Italy, Sassari Province	0.2	0.1	-	-	-	0.0	0.0	**4**	5
Italy, Sondrio	1.4	-	0.2	0.2	-	-	-	**6**	6
Italy, Syracuse Province	0.2	0.1	0.2	-	-	-	-	**3**	3
Italy, Torino	0.3	0.1	0.3	0.0	-	0.1	0.1	**21**	23
Italy, Umbria Region	0.2	0.3	-	0.2	0.1	0.1	0.4	**22**	34
Italy, Varese Province	-	0.1	0.1	-	0.0	0.0	0.1	**6**	9
Italy, Veneto Region	0.1	0.1	0.2	0.0	0.0	0.1	0.0	**28**	32
Latvia	0.3	0.2	0.0	0.0	0.1	0.0	0.2	**48**	64
Lithuania	0.2	0.2	0.1	0.1	0.1	0.0	0.2	**81**	104
Malta	0.3	0.1	0.4	-	0.0	-	-	**7**	7
Norway	0.3	0.2	0.2	0.1	0.1	0.1	0.0	**108**	111
Poland, Cracow	0.2	0.2	0.1	-	-	-	0.2	**10**	15 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	-
Poland, Warsaw City	0.1	0.1	0.0	0.0	0.0	-	0.1	**20**	28
Portugal, Porto	0.3	0.1	0.2	0.1	0.0	0.1	0.1	**75**	85 *
Portugal, South Regional	0.3	0.1	0.2	0.1	0.0	0.0	0.2	**58**	88
Russia, St Petersburg	0.2	0.1	0.1	0.0	0.0	0.0	0.1	**59**	85

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Bone (C40-41) - Female (Contd)

			Sarcoma			Other	Unspec.	Number of cases	
	Osteo	Chondro	Ewing	Other	Unspec.			MV	Total
Europe (Contd)									
Serbia	0.6	0.1	0.1	0.2	0.1	0.1	0.6	**168**	260
Slovak Republic	0.3	0.1	0.2	0.0	-	0.1	0.2	**105**	146
Slovenia	0.3	0.2	0.0	0.0	0.0	0.1	0.0	**47**	47
Spain, Albacete	0.1	0.2	-	0.1	0.1	-	0.2	**6**	7
Spain, Asturias	0.3	0.2	0.1	-	-	0.0	0.0	**25**	26
Spain, Basque Country	0.2	0.2	0.1	0.1	0.0	0.0	0.0	**28**	33
Spain, Canary Islands	0.2	0.1	0.1	0.1	0.0	-	0.0	**20**	22
Spain, Cuenca	0.2	-	-	0.0	-	-	0.3	**2**	4
Spain, Girona	0.2	0.5	0.2	-	-	0.1	0.0	**16**	17
Spain, Granada	0.0	0.1	0.1	0.1	0.0	0.0	-	**11**	11
Spain, Murcia	0.2	0.1	0.5	0.1	0.0	0.0	0.1	**26**	29
Spain, Navarra	0.2	0.1	0.1	0.1	-	-	0.0	**7**	8
Spain, Tarragona	0.3	0.2	0.8	0.1	-	0.2	-	**15**	15
Spain, Zaragoza	0.4	0.2	0.4	0.1	0.0	0.0	0.0	**29**	32
Sweden	0.2	0.2	0.1	0.0	0.0	0.1	0.0	**162**	164
Switzerland, Geneva	0.1	0.5	0.3	0.1	-	0.3	-	**13**	13
Switzerland, Graubunden and Glarus	0.1	-	-	-	-	-	-	**1**	1
Switzerland, Neuchatel	0.4	0.5	-	-	-	-	-	**3**	3
Switzerland, St Gall-Appenzell	0.6	0.2	-	0.2	-	0.1	0.0	**16**	17
Switzerland, Ticino	0.9	0.0	-	0.1	-	0.1	-	**9**	10
Switzerland, Valais	0.2	0.2	0.1	-	-	0.1	-	**5**	5
Switzerland, Vaud	0.4	0.2	0.4	-	-	-	-	**14**	14
The Netherlands	0.3	0.3	0.2	0.0	0.0	0.1	0.0	**385**	389
The Netherlands, Eindhoven	0.3	0.4	0.2	0.1	-	0.1	-	**27**	27
The Netherlands, Maastricht	0.2	0.3	-	-	0.0	-	-	**14**	14
UK, England, East of England Region	0.2	0.1	0.1	0.0	0.0	0.0	-	**40**	45
UK, England, Merseyside and Cheshire	0.3	0.1	0.3	0.0	0.0	0.6	0.0	**88**	138
UK, England, North Western	0.2	0.1	0.1	0.0	0.0	0.0	0.0	**47**	59
UK, England, Northern And Yorkshire	0.2	0.1	0.1	0.0	0.0	0.0	0.0	**102**	114
UK, England, Oxford Region	0.3	0.3	0.2	0.0	-	0.0	0.0	**52**	56
UK, England, South and Western Regions	0.3	0.2	0.1	0.1	0.0	0.1	0.3	**128**	225
UK, England, Thames	0.2	0.2	0.2	0.1	0.0	0.0	0.0	**240**	286
UK, England, Trent	0.2	0.1	0.2	0.0	0.0	0.1	0.0	**82**	98
UK, England, West Midlands	0.4	0.2	0.1	0.0	0.0	0.0	-	**108**	114
UK, Northern Ireland	0.1	0.2	0.1	0.0	-	0.0	0.1	**18**	23
UK, Scotland	0.2	0.1	0.2	0.0	0.0	0.0	0.0	**84**	93
Oceania									
Australia, New South Wales	0.3	0.2	0.1	0.1	0.0	0.0	-	**136**	144
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-
Australia, Queensland	0.4	0.2	0.2	0.1	0.0	0.1	0.0	**81**	87
Australia, South	0.2	0.3	0.1	0.1	0.0	0.0	-	**32**	34
Australia, Tasmania	0.3	0.1	0.1	-	0.0	0.0	-	**7**	7
Australia, Victoria	0.2	0.2	0.2	0.0	0.0	0.1	0.0	**94**	99
Australia, Western	0.3	0.2	0.1	0.1	0.0	0.1	0.0	**43**	47
Australian Capital Territory	0.3	0.2	-	-	-	0.1	-	**5**	5
French Polynesia	0.3	0.2	0.8	0.1	-	0.3	0.2	**9**	12
New Zealand	0.3	0.1	0.2	0.1	0.0	0.1	0.0	**84**	87
USA, Hawaii	0.3	0.1	0.1	0.1	0.0	0.0	-	**19**	19
USA, Hawaii: Chinese	0.4	0.3	-	-	-	-	-	**2**	2
USA, Hawaii: Filipino	0.2	0.1	-	-	-	-	-	**2**	2
USA, Hawaii: Hawaiian	0.2	-	0.3	-	-	-	-	**3**	3
USA, Hawaii: Japanese	0.4	0.1	-	-	0.1	0.4	-	**4**	4
USA, Hawaii: White	0.3	0.0	0.3	0.2	-	-	-	**5**	5

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Skin (C43-44) - Male

	Carcinoma				Melanoma	Other	Unspec.	Number of cases	
	Squamous	Basal cell	Other	Unspec.				MV	Total
Africa									
Algeria, Setif	2.5	4.4	0.2	0.2	0.2	0.1	0.3	**158**	159 *
Egypt, Gharbiah	2.8	3.5	0.3	0.0	0.3	0.1	0.1	**263**	277
Tunisia, Centre, Sousse	3.0	9.5	0.1	-	0.6	0.8	-	**138**	138 *
Uganda, Kyadondo County	1.7	0.8	0.1	0.2	0.9	-	1.0	**44**	59 *
Zimbabwe, Harare: African	1.8	0.4	0.3	0.0	0.9	0.3	0.1	**71**	79 *
America, Central and South									
Argentina, Bahia Blanca	3.4	12.9	0.5	1.7	3.3	-	0.5	**182**	191
Brazil, Brasilia	14.2	101.0	0.3	0.9	4.2	0.3	3.2	**2547**	2576
Brazil, Cuiaba	11.5	55.5	0.2	1.5	2.7	0.3	1.0	**438**	447
Brazil, Goiania	46.8	149.0	0.8	1.3	4.4	0.2	0.4	**2734**	2772
Brazil, Sao Paulo	21.2	71.3	0.8	1.2	6.5	0.2	0.1	**20558**	20584
Chile, Valdivia	4.4	10.8	0.3	-	1.8	-	0.2	**160**	161
Colombia, Cali	0.1	-	0.1	0.1	3.5	0.4	0.0	**146**	150
Costa Rica	10.4	29.6	0.4	0.1	2.4	0.1	1.8	**3228**	3363
Ecuador, Quito	5.2	23.4	0.0	0.2	2.5	0.1	0.1	**863**	869
France, La Martinique	3.7	11.7	0.5	0.4	1.4	0.5	0.1	**210**	210
Peru, Trujillo	6.5	14.9	0.3	-	1.8	0.3	-	**212**	212 *
America, North									
Canada (excluding Quebec, Yukon and Nunavut)	1.2	4.8	0.3	0.0	10.9	0.2	0.0	**13837**	14086
Canada, Alberta	-	-	0.7	-	10.3	0.3	-	**1043**	1043
Canada, British Columbia	-	0.0	0.3	0.0	10.8	0.2	0.0	**1633**	1646
Canada, Manitoba	23.8	94.2	0.7	0.1	9.1	0.3	0.1	**5498**	5520
Canada, New Brunswick	-	-	0.7	-	11.3	0.3	-	**307**	307
Canada, Newfoundland and Labrador	-	-	0.7	0.2	6.4	0.4	0.1	**141**	145
Canada, Northwest Territories	-	-	-	-	5.9	-	-	**6**	6
Canada, Nova Scotia	-	-	0.6	0.1	14.0	0.3	0.2	**501**	502
Canada, Ontario	-	0.1	0.1	-	11.4	0.0	-	**4312**	4520
Canada, Prince Edward Island	-	-	0.8	-	12.6	0.1	-	**67**	67
Canada, Saskatchewan	-	0.1	0.7	-	8.0	0.3	-	**329**	330
USA, Alabama	-	0.1	0.6	-	10.8	0.3	-	**1673**	1703
USA, Alabama: Black	-	0.0	0.1	-	0.6	0.5	-	**35**	37
USA, Alabama: White	-	0.1	0.6	-	12.4	0.2	-	**1512**	1540
USA, Alaska	-	-	0.6	-	8.8	0.3	-	**160**	164
USA, Arizona	-	0.0	0.5	-	15.4	0.3	-	**2743**	2776
USA, California	-	0.0	0.9	-	15.2	0.4	-	**16790**	16861
USA, California, Greater San Francisco Bay Area	-	0.0	0.9	-	12.9	0.3	-	**2907**	2918
USA, California, Greater San Francisco Bay Area: Black	-	0.1	0.1	-	0.6	0.4	-	**17**	17
USA, California, Greater San Francisco Bay Area: Chinese	-	-	0.4	-	0.9	0.2	-	**25**	25
USA, California, Greater San Francisco Bay Area: Filipino	-	-	0.7	-	0.4	0.2	-	**13**	13
USA, California, Greater San Francisco Bay Area: Hispanic White	-	-	0.4	-	2.6	0.2	-	**82**	83
USA, California, Greater San Francisco Bay Area: Japanese	-	-	0.4	-	0.1	-	-	**2**	2
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	-	0.0	1.1	-	19.3	0.3	-	**2580**	2590
USA, California, Los Angeles County	-	-	1.1	-	11.9	0.5	-	**3625**	3635
USA, California, Los Angeles County: Black	-	-	0.6	-	1.0	0.9	-	**63**	63
USA, California, Los Angeles County: Chinese	-	-	0.2	-	1.2	0.1	-	**16**	16
USA, California, Los Angeles County: Filipino	-	-	0.5	-	0.8	0.2	-	**11**	11
USA, California, Los Angeles County: Hispanic White	-	-	0.3	-	2.8	0.3	-	**234**	235
USA, California, Los Angeles County: Japanese	-	-	1.3	-	1.1	-	-	**13**	13
USA, California, Los Angeles County: Korean	-	-	-	-	0.3	-	-	**2**	2
USA, California, Los Angeles County: Non-Hispanic White	-	-	1.5	-	21.7	0.6	-	**3022**	3031
USA, California: Asian and Pacific Islander	-	-	0.4	-	0.9	0.2	-	**168**	169
USA, California: Black	-	0.0	0.4	-	1.0	0.8	-	**134**	135
USA, California: Hispanic White	-	-	0.4	-	2.9	0.3	-	**667**	670
USA, California: Non-hispanic White	-	0.0	1.1	-	22.0	0.4	-	**14717**	14778
USA, Colorado	-	0.0	0.8	-	16.9	0.5	-	**2338**	2353
USA, Connecticut	-	-	0.6	-	18.0	0.4	-	**2163**	2178
USA, Connecticut: Black	-	-	0.2	-	0.9	0.3	-	**11**	11
USA, Connecticut: White	-	-	0.6	-	19.0	0.4	-	**2073**	2088
USA, District of Columbia	-	0.1	0.5	-	7.1	0.5	-	**139**	143
USA, District of Columbia: Black	-	0.2	0.5	-	0.8	0.6	-	**22**	23
USA, District of Columbia: White	-	-	0.5	-	17.3	0.4	-	**110**	113
USA, Florida	-	0.0	0.6	-	13.7	0.3	-	**9319**	9454
USA, Florida: Black	-	0.0	0.1	-	0.8	0.3	-	**67**	69
USA, Florida: White	-	0.0	0.6	-	15.1	0.2	-	**9062**	9193
USA, Georgia	-	0.0	0.5	-	14.1	0.4	-	**3396**	3440
USA, Georgia, Atlanta	-	0.0	0.7	-	17.3	0.6	-	**1316**	1321
USA, Georgia, Atlanta: Black	-	-	0.4	-	0.9	0.8	-	**45**	45
USA, Georgia, Atlanta: White	-	0.0	0.7	-	23.8	0.4	-	**1234**	1239
USA, Georgia: Black	-	-	0.3	-	1.0	0.8	-	**112**	112
USA, Georgia: White	-	0.0	0.6	-	17.7	0.3	-	**3199**	3243
USA, Idaho	-	0.0	0.4	-	16.8	0.2	-	**689**	702
USA, Illinois	-	0.0	0.5	-	10.6	0.4	-	**4394**	4432
USA, Illinois: Black	-	-	0.2	-	0.6	0.6	-	**64**	64
USA, Illinois: White	-	0.0	0.5	-	11.7	0.3	-	**4087**	4123
USA, Indiana	-	0.0	0.5	-	12.2	0.3	-	**2491**	2508
USA, Iowa	-	0.0	0.7	-	13.7	0.4	-	**1479**	1486
USA, Kentucky	-	0.0	0.7	-	16.7	0.3	-	**2274**	2287
USA, Louisiana	-	-	0.7	-	8.6	0.4	-	**1319**	1334
USA, Louisiana, New Orleans: Black	-	-	-	-	1.0	0.7	-	**16**	16
USA, Louisiana, New Orleans: White	-	-	0.8	-	9.0	0.1	-	**200**	205
USA, Louisiana: Black	-	-	0.2	-	0.9	0.5	-	**53**	53
USA, Louisiana: White	-	-	0.9	-	11.3	0.3	-	**1243**	1258
USA, Maine	-	0.1	0.4	-	15.7	0.3	-	**693**	739
USA, Massachusetts	-	0.0	0.7	-	15.0	0.4	-	**3357**	3392

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Skin (C43-44) - Male (Contd)

	Carcinoma				Melanoma	Other	Unspec.	Number of cases	
	Squamous	Basal cell	Other	Unspec.				MV	Total
America, North (Contd)									
USA, Michigan	-	0.0	0.6	-	14.5	0.5	-	**4857**	4928
USA, Michigan, Detroit	-	0.0	0.7	-	13.7	0.6	-	**1883**	1889
USA, Michigan, Detroit: Black	-	-	0.4	-	0.8	0.9	-	**50**	51
USA, Michigan, Detroit: White	-	0.0	0.7	-	17.4	0.5	-	**1806**	1811
USA, Michigan: Black	-	-	0.4	-	1.0	0.9	-	**76**	81
USA, Michigan: White	-	0.0	0.6	-	15.8	0.4	-	**4566**	4632
USA, Missouri	-	0.0	0.5	-	9.8	0.4	-	**1897**	1960
USA, Missouri: Black	-	0.2	0.2	-	0.5	0.8	-	**22**	25
USA, Missouri: White	-	0.0	0.5	-	10.6	0.3	-	**1849**	1909
USA, Montana	-	0.0	0.4	-	12.7	0.2	-	**413**	420
USA, New Jersey	-	0.0	0.7	-	14.2	0.5	-	**4239**	4284
USA, New Jersey: Black	-	-	0.3	-	0.5	0.9	-	**53**	53
USA, New Jersey: White	-	0.0	0.8	-	16.6	0.4	-	**4111**	4155
USA, New Mexico	-	-	0.7	-	14.2	0.4	-	**875**	891
USA, New Mexico: American Indian	-	-	-	-	2.1	-	-	**8**	8
USA, New Mexico: Hispanic White	-	-	0.5	-	2.4	0.5	-	**59**	61
USA, New Mexico: Non-Hispanic White	-	-	0.9	-	23.7	0.4	-	**806**	820
USA, New York state	0.0	0.0	0.5	0.0	9.3	0.4	0.1	**6128**	6382
USA, New York state: Black	-	-	0.2	0.0	0.8	0.6	0.1	**112**	118
USA, New York state: White	0.0	0.0	0.6	0.0	10.9	0.4	0.1	**5941**	6186
USA, NPCR	-	0.0	0.6	-	13.1	0.4	-	**99891**	101309
USA, NPCR: Black	-	0.0	0.2	-	0.7	0.6	-	**1040**	1062
USA, NPCR: White	-	0.0	0.7	-	14.4	0.3	-	**94280**	95631
USA, Ohio	-	0.0	0.4	-	12.4	0.4	-	**4803**	4869
USA, Ohio: Black	-	0.0	0.1	-	0.8	0.7	-	**52**	53
USA, Ohio: White	-	0.0	0.4	-	12.6	0.3	-	**4345**	4407
USA, Oklahoma	-	0.0	0.5	-	10.3	0.2	-	**1218**	1287
USA, Oregon	-	0.0	0.5	-	18.5	0.3	-	**2204**	2221
USA, Pennsylvania	-	0.0	0.7	-	12.7	0.4	-	**5980**	6030
USA, Pennsylvania: Black	-	-	0.2	-	0.6	0.6	-	**44**	44
USA, Pennsylvania: White	-	0.0	0.7	-	13.1	0.4	-	**5586**	5629
USA, Rhode Island	-	0.0	1.1	-	18.2	0.4	-	**696**	697
USA, SEER (9 registries)	-	0.0	0.7	-	15.1	0.5	-	**13579**	13651
USA, SEER (9 registries): Black	-	0.0	0.4	-	0.8	0.7	-	**141**	142
USA, SEER (9 registries): White	-	0.0	0.8	-	17.9	0.4	-	**12958**	13029
USA, SEER (14 registries)	-	0.0	0.8	-	14.8	0.4	-	**36383**	36593
USA, SEER (14 registries): Asian and Pacific Islander	-	-	0.4	-	1.0	0.3	-	**294**	295
USA, SEER (14 registries): Black	-	0.0	0.3	-	0.9	0.7	-	**380**	382
USA, SEER (14 registries): Hispanic White	-	0.0	0.4	-	3.0	0.3	-	**906**	912
USA, SEER (14 registries): Non-hispanic White	-	0.0	0.9	-	19.4	0.4	-	**33280**	33475
USA, South Carolina	-	0.0	0.6	-	14.4	0.3	-	**1915**	1946
USA, South Carolina: Black	-	-	0.1	-	0.6	0.5	-	**34**	35
USA, South Carolina: White	-	0.0	0.7	-	18.4	0.3	-	**1836**	1864
USA, Texas	-	0.0	0.6	-	10.2	0.3	-	**6315**	6542
USA, Texas: Black	-	-	0.3	-	0.5	0.4	-	**70**	73
USA, Texas: White	-	0.0	0.6	-	10.9	0.2	-	**5878**	6099
USA, Utah	-	0.1	0.9	-	16.7	0.6	-	**1056**	1061
USA, Vermont	-	-	0.4	-	20.6	0.3	-	**438**	443
USA, Washington State	-	0.0	0.7	-	17.2	0.4	-	**3431**	3454
USA, Washington, Seattle	-	0.0	0.8	-	16.9	0.4	-	**2326**	2336
USA, West Virginia	-	-	0.5	-	13.2	0.4	-	**901**	912
USA, Wisconsin	-	-	0.5	-	11.3	0.3	-	**2100**	2148
Asia									
Bahrain: Bahraini	1.5	2.5	-	-	0.4	0.2	-	**25**	25
China, Guangzhou City	0.7	0.7	0.2	0.2	0.8	0.2	0.1	**151**	167 *
China, Hong Kong	1.3	3.6	0.2	0.0	0.7	0.4	0.1	**1403**	1417
China, Jiashan	0.9	0.7	0.2	-	0.1	0.1	-	**27**	27 *
China, Nangang District, Harbin City	-	-	-	-	0.1	-	0.7	**14**	17
China, Shanghai	0.1	0.2	0.0	0.0	0.4	0.0	1.4	**490**	527 *
China, Zhongshan	0.8	1.0	0.1	0.1	0.2	0.3	-	**81**	81 *
Cyprus	5.2	16.6	0.1	-	2.9	-	0.1	**532**	602 *
India, Chennai (Madras)	0.8	0.2	0.1	0.1	0.3	0.0	0.1	**131**	141
India, Karunagappally	1.8	0.3	0.1	-	0.5	0.1	-	**24**	24
India, Mumbai (Bombay)	0.8	0.3	0.1	0.0	0.3	0.1	0.0	**371**	378
India, Nagpur	0.7	0.2	0.0	0.0	0.4	0.0	0.1	**53**	58 *
India, New Delhi	0.5	0.3	0.1	0.1	0.3	0.1	0.2	**288**	325 *
India, Poona	-	-	-	-	-	-	1.6	**93**	100 *
India, Trivandrum	0.8	0.6	0.1	0.1	0.2	0.1	-	**50**	50 *
Israel	1.0	1.3	0.5	0.0	11.2	0.5	0.2	**2199**	2373
Israel: Jews	1.0	1.3	0.5	0.1	12.2	0.5	0.2	**2110**	2252
Israel: Non-Jews	0.5	0.8	0.2	-	1.4	0.4	0.1	**57**	58
Japan, Aichi Prefecture	1.0	1.0	0.2	0.0	0.5	0.1	0.3	**111**	117
Japan, Fukui Prefecture	0.6	1.0	0.3	-	0.4	0.1	0.2	**100**	110
Japan, Hiroshima	2.3	3.2	0.4	0.1	0.5	0.2	0.0	**274**	281
Japan, Miyagi Prefecture	1.1	1.5	0.1	0.0	0.5	0.1	0.1	**342**	363
Japan, Nagasaki Prefecture	1.8	3.5	0.5	0.0	0.7	0.1	-	**505**	509
Japan, Osaka Prefecture	0.4	0.5	0.2	0.0	0.4	0.1	0.1	**515**	545
Japan, Yamagata Prefecture	0.9	0.8	0.2	0.0	0.4	0.1	0.1	**158**	166
Korea	0.9	1.2	0.2	0.0	0.5	0.1	0.2	**2510**	2656
Korea, Busan	0.8	1.2	0.2	-	0.5	0.1	0.1	**218**	229
Korea, Daegu	1.4	2.0	0.2	0.1	0.7	0.1	0.1	**224**	230
Korea, Daejeon	0.8	1.0	0.1	0.0	0.3	0.1	0.2	**66**	68
Korea, Gwangju	0.8	2.0	0.1	0.0	0.7	0.0	0.1	**92**	94
Korea, Incheon	0.9	1.4	0.1	-	0.5	0.2	0.2	**152**	160

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Skin (C43-44) - Male (Contd)

	Carcinoma				Melanoma	Other	Unspec.	Number of cases	
	Squamous	Basal cell	Other	Unspec.				MV	Total
Asia (Contd)									
Korea, Jejudo	1.0	0.9	0.2	-	0.4	-	-	**19**	19
Korea, Seoul	1.0	0.9	0.2	0.0	0.6	0.1	0.2	**554**	579
Korea, Ulsan	0.8	0.8	-	-	0.5	0.1	0.5	**35**	39
Kuwait: Kuwaitis	0.4	0.8	0.1	-	0.2	0.1	-	**17**	17
Kuwait: Non-Kuwaitis	0.7	1.5	0.4	0.0	0.6	0.2	-	**58**	59
Malaysia, Penang	2.4	2.4	0.3	0.2	0.5	0.1	0.1	**108**	111
Malaysia, Sarawak	1.9	2.4	0.1	0.1	1.2	0.0	0.0	**199**	200
Oman: Omani	1.4	2.6	-	0.0	0.4	0.1	0.0	**75**	75 *
Pakistan, South Karachi	2.1	1.5	0.3	0.1	0.5	0.3	-	**129**	132 *
Philippines, Manila	1.3	1.6	0.3	0.2	0.8	0.1	0.1	**271**	279 *
Singapore	2.5	5.4	0.5	0.1	0.4	0.2	0.0	**748**	748
Singapore: Chinese	2.8	6.6	0.5	0.1	0.4	0.2	0.0	**684**	684
Singapore: Indian	0.8	0.3	0.4	0.1	0.4	0.2	-	**18**	18
Singapore: Malay	2.1	1.9	0.3	-	0.7	0.1	-	**46**	46
Thailand, Chiang Mai	1.5	2.0	0.1	-	0.6	0.0	0.1	**171**	173 *
Thailand, Lampang	1.8	1.7	-	-	0.8	-	0.2	**92**	97 *
Thailand, Songkhla	2.7	2.0	0.1	-	0.5	-	0.1	**144**	146
Turkey, Antalya	5.5	13.7	0.1	0.2	1.0	0.3	0.1	**591**	595 *
Turkey, Izmir	3.4	8.9	0.2	0.0	1.3	0.1	0.0	**1036**	1062 *
Europe									
Austria	7.5	16.1	0.3	0.1	8.6	0.1	0.1	**10083**	10220
Austria, Tyrol	6.0	10.6	0.5	-	13.0	-	0.1	**695**	698
Austria, Vorarlberg	12.2	0.6	0.2	0.1	12.4	0.3	0.1	**294**	296
Belarus	4.1	17.6	0.2	0.1	2.7	0.1	1.2	**7544**	7626 *
Belgium, Antwerp	8.8	1.0	0.3	0.1	4.6	0.2	0.1	**1140**	1144 *
Belgium, Flanders	9.3	22.3	0.8	0.1	5.5	0.3	0.2	**7946**	7970
Bulgaria	5.7	14.6	0.2	0.0	2.7	0.1	0.4	**8015**	8145 *
Croatia	-	-	-	-	6.9	-	-	**1013**	1044
Czech Republic	10.0	50.9	0.4	0.1	9.9	0.2	0.8	**26236**	26632
Denmark	8.9	53.9	0.3	0.1	11.9	0.2	0.7	**16162**	16634
Estonia	3.0	24.9	0.1	0.1	5.3	0.1	0.8	**1476**	1521
Finland *(data not available)*	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	-	-	-	-	11.3	-	-	**375**	375
France, Calvados	-	-	-	-	4.7	-	-	**104**	104
France, Doubs	-	-	-	-	7.4	-	-	**120**	120
France, Haut-Rhin	-	-	-	-	10.7	-	-	**258**	258
France, Herault	-	-	-	-	7.1	-	-	**236**	236
France, Isere	-	-	-	-	7.2	-	-	**258**	261
France, Loire-Atlantique	-	-	-	-	9.8	-	-	**373**	373
France, Manche	-	-	-	-	6.7	-	-	**124**	124
France, Somme	-	-	-	-	6.2	-	-	**110**	110
France, Tarn	-	-	-	-	6.2	-	-	**89**	89
France, Vendee	-	-	-	-	7.3	-	-	**159**	159
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	9.9	39.4	0.3	-	9.7	0.1	0.2	**4096**	4350
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Munich	4.5	1.2	0.3	0.0	12.7	0.0	0.7	**1738**	1801
Germany, Northrhine-Westphalia: Munster	7.1	35.5	0.8	0.0	8.0	0.2	0.1	**5144**	5422
Germany, Saarland	9.4	42.2	0.4	0.0	8.1	0.2	0.1	**2865**	2872
Iceland	7.9	0.5	0.2	0.2	9.3	0.7	-	**179**	179
Ireland	37.8	72.4	0.7	0.4	7.4	0.3	0.3	**13952**	14764
Italy, Biella Province	10.4	52.0	0.3	0.1	9.8	0.6	0.1	**706**	707
Italy, Brescia Province	12.5	57.7	0.5	0.1	8.4	0.5	1.3	**1976**	2024
Italy, Ferrara Province	19.7	61.6	0.9	0.1	6.4	0.1	0.3	**1816**	1824
Italy, Florence and Prato	7.1	48.8	0.4	0.1	9.8	0.4	4.8	**3999**	4323
Italy, Genoa Province	7.0	50.0	0.6	0.3	7.9	0.3	2.3	**1996**	2085
Italy, Macerata Province	11.3	56.8	0.6	-	9.6	0.4	0.1	**746**	749
Italy, Milan	5.7	39.7	0.4	0.8	10.4	0.5	0.3	**2954**	2973
Italy, Modena Province	10.4	50.7	0.2	0.1	7.0	0.5	0.0	**2172**	2174
Italy, Naples	4.7	13.6	1.3	0.5	3.9	0.3	1.6	**373**	403
Italy, North East Cancer Surveillance Network	11.8	45.8	0.6	0.5	9.5	0.5	3.5	**6955**	6959
Italy, Parma Province	9.0	33.3	0.5	-	7.8	0.4	-	**1122**	1122
Italy, Ragusa Province	14.0	51.9	1.2	2.3	3.8	0.2	0.2	**959**	963
Italy, Reggio Emilia Province	13.0	52.2	0.5	0.2	6.1	0.1	0.7	**1651**	1654
Italy, Romagna Region	12.3	51.2	0.5	0.3	10.0	0.6	0.2	**3884**	3894
Italy, Salerno Province	8.3	22.6	0.2	1.8	5.0	0.3	1.1	**1317**	1362
Italy, Sassari Province	13.8	47.2	0.8	0.5	3.4	0.4	0.1	**1309**	1311
Italy, Sondrio	14.1	44.3	0.4	0.9	5.4	1.3	0.3	**503**	505
Italy, Syracuse Province	11.3	52.4	0.3	0.2	4.6	0.4	0.1	**969**	971
Italy, Torino	4.5	39.1	0.3	0.4	10.7	0.4	0.1	**2467**	2472
Italy, Umbria Region	10.5	32.4	0.2	0.4	5.6	0.4	1.0	**2294**	2431
Italy, Varese Province	9.0	48.3	0.5	0.1	7.8	0.2	0.5	**1367**	1381
Italy, Veneto Region	14.8	55.3	0.6	0.3	9.4	0.5	0.2	**5821**	5832
Latvia	1.7	12.1	0.2	-	3.2	-	4.1	**1638**	1655
Lithuania	5.3	21.6	0.2	0.3	3.7	0.2	1.7	**3551**	3611
Malta	16.1	53.4	0.4	0.2	5.5	0.4	1.6	**1058**	1081
Norway	10.8	0.9	0.3	0.1	14.2	0.3	0.1	**4895**	4907
Poland, Cracow	2.0	18.5	0.1	0.1	5.7	0.3	0.2	**666**	672 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	**-**	-
Poland, Warsaw City	1.9	9.8	0.2	0.3	4.4	0.2	0.6	**1057**	1099
Portugal, Porto	-	0.1	0.1	-	2.6	0.2	-	**301**	301 *
Portugal, South Regional	9.0	0.0	0.2	0.2	3.7	0.3	0.3	**1598**	1624
Russia, St Petersburg	1.5	9.5	0.2	0.0	3.8	0.0	0.9	**2143**	2238

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Skin (C43-44) - Male (Contd)

	Carcinoma				Melanoma	Other	Unspec.	Number of cases	
	Squamous	Basal cell	Other	Unspec.				MV	Total
Europe (Contd)									
Serbia	4.9	15.0	0.5	1.1	3.8	0.1	0.8	**4875**	5162
Slovak Republic	6.5	38.9	0.2	0.1	6.4	0.2	0.4	**8368**	8501
Slovenia	7.4	32.6	0.3	0.1	9.0	0.2	0.4	**3440**	3447
Spain, Albacete	0.4	0.3	0.3	0.1	5.0	0.6	-	**70**	76
Spain, Asturias	-	-	-	-	3.4	-	-	**145**	152
Spain, Basque Country	0.0	0.0	0.3	0.0	4.9	0.6	0.0	**365**	367
Spain, Canary Islands	-	0.1	0.2	-	3.9	0.4	0.0	**213**	214
Spain, Cuenca	-	-	-	-	3.3	0.6	0.0	**32**	34
Spain, Girona	14.6	48.8	0.4	0.1	5.2	0.5	0.2	**1798**	1801
Spain, Granada	17.4	61.1	0.7	0.1	4.3	0.3	0.0	**2705**	2706
Spain, Murcia	13.2	36.3	0.8	0.1	6.5	0.3	0.2	**2387**	2398
Spain, Navarra	17.9	68.1	0.9	0.2	6.6	0.8	0.1	**2391**	2396
Spain, Tarragona	15.7	62.5	0.1	0.4	6.4	0.6	0.3	**1896**	1903
Spain, Zaragoza	11.3	36.7	0.1	0.3	4.0	0.2	-	**2125**	2126
Sweden	11.0	0.8	0.5	0.1	11.9	0.3	0.0	**10744**	10749
Switzerland, Geneva	31.1	100.0	1.6	-	18.5	0.2	-	**2390**	2392
Switzerland, Graubunden and Glarus	22.7	1.0	0.3	-	11.5	0.1	-	**361**	361
Switzerland, Neuchatel	21.4	79.3	0.8	0.1	18.6	0.4	0.2	**842**	842
Switzerland, St Gall-Appenzell	18.0	59.4	0.3	0.0	12.8	0.3	0.3	**1833**	1841
Switzerland, Ticino	-	-	-	-	12.4	-	-	**146**	148
Switzerland, Valais	20.4	68.8	0.8	-	11.8	0.6	0.3	**1079**	1080
Switzerland, Vaud	33.3	91.2	1.0	0.1	16.6	0.4	0.2	**3548**	3551
The Netherlands	15.3	0.0	0.5	0.1	10.0	0.4	0.0	**15706**	15716
The Netherlands, Eindhoven	15.8	0.0	0.4	0.1	9.4	0.6	0.1	**970**	972
The Netherlands, Maastricht	13.2	0.0	0.4	0.2	8.9	0.2	-	**816**	816
UK, England, East of England Region	15.7	59.5	0.4	0.2	8.8	0.1	0.0	**10348**	10506
UK, England, Merseyside and Cheshire	-	-	-	-	6.9	-	-	**564**	580
UK, England, North Western	-	-	-	-	6.8	-	-	**967**	988
UK, England, Northern And Yorkshire	14.0	58.7	0.4	0.1	6.9	0.2	0.0	**22022**	22353
UK, England, Oxford Region	-	0.0	0.0	-	9.8	-	-	**891**	894
UK, England, South and Western Regions	19.6	79.7	0.5	0.3	10.7	0.1	5.1	**34824**	36689
UK, England, Thames	9.2	0.3	0.3	0.1	6.2	0.2	0.1	**8958**	9389
UK, England, Trent	12.9	54.6	0.4	0.1	6.1	0.2	0.1	**15432**	15708
UK, England, West Midlands	-	0.0	0.0	-	6.9	0.0	-	**1300**	1312
UK, Northern Ireland	27.7	65.8	0.4	0.3	7.5	0.3	2.8	**6143**	6281
UK, Scotland	17.1	59.1	0.4	0.1	8.4	0.2	0.1	**17514**	17624
Oceania									
Australia, New South Wales	-	0.0	0.1	-	38.5	-	-	**8554**	8646
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-
Australia, Queensland	-	0.0	1.1	0.0	55.8	0.3	-	**6638**	6703
Australia, South	4.1	0.1	0.8	0.0	31.0	0.5	-	**1954**	1967
Australia, Tasmania	0.9	0.3	0.6	-	30.8	0.1	0.1	**537**	539
Australia, Victoria	-	0.0	-	0.0	27.3	0.0	0.2	**4434**	4468
Australia, Western	11.7	4.8	2.4	0.5	44.5	0.2	0.1	**3897**	3921
Australian Capital Territory	5.2	0.2	2.0	-	32.4	0.1	-	**362**	365
French Polynesia	-	-	-	-	3.1	-	-	**14**	15
New Zealand	0.0	0.0	0.8	0.1	34.8	0.2	0.1	**4437**	4451
USA, Hawaii	-	-	0.9	-	13.6	0.5	-	**630**	631
USA, Hawaii: Chinese	-	-	0.6	-	0.3	0.4	-	**5**	5
USA, Hawaii: Filipino	-	-	0.7	-	1.0	0.5	-	**15**	15
USA, Hawaii: Hawaiian	-	-	0.4	-	2.4	0.8	-	**20**	20
USA, Hawaii: Japanese	-	-	0.5	-	2.2	0.1	-	**32**	32
USA, Hawaii: White	-	-	2.0	-	41.1	0.5	-	**514**	515

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Skin (C43-44) - Female

	Carcinoma				Melanoma	Other	Unspec.	Number of cases	
	Squamous	Basal cell	Other	Unspec.				MV	Total
Africa									
Algeria, Setif	1.2	2.6	0.1	0.1	0.4	0.3	0.1	**107**	108 *
Egypt, Gharbiah	0.7	1.5	0.1	0.0	0.3	0.1	0.0	**134**	142
Tunisia, Centre, Sousse	1.3	8.6	0.2	-	0.5	0.4	0.1	**111**	112 *
Uganda, Kyadondo County	0.9	0.0	0.2	0.2	1.4	0.0	0.8	**33**	49 *
Zimbabwe, Harare: African	2.6	1.1	0.4	0.0	2.3	0.4	0.0	**109**	114 *
America, Central and South									
Argentina, Bahia Blanca	1.1	9.5	0.3	1.1	2.9	0.2	0.1	**166**	170
Brazil, Brasilia	9.3	83.1	0.8	0.8	4.2	0.4	2.5	**2625**	2653
Brazil, Cuiaba	6.7	43.6	0.2	0.1	2.0	0.2	0.8	**382**	387
Brazil, Goiania	36.7	137.0	0.9	1.6	4.5	0.4	0.2	**3233**	3270
Brazil, Sao Paulo	13.5	57.4	0.6	1.1	5.7	0.3	0.1	**22859**	22892
Chile, Valdivia	2.5	11.7	0.3	0.4	3.5	0.2	0.8	**194**	201
Colombia, Cali	-	-	0.2	-	2.9	0.3	0.0	**161**	162
Costa Rica	6.6	28.5	0.3	0.1	2.1	0.2	1.8	**3101**	3252
Ecuador, Quito	4.5	22.7	0.1	0.2	2.8	0.0	0.3	**1012**	1030
France, La Martinique	2.0	14.4	1.6	0.0	1.1	0.1	0.2	**271**	272
Peru, Trujillo	5.3	13.5	0.2	0.2	2.1	0.0	-	**249**	249 *
America, North									
Canada (excluding Quebec, Yukon and Nunavut)	0.6	3.8	0.2	0.0	9.3	0.2	0.0	**12460**	12684
Canada, Alberta	-	0.0	0.5	-	10.0	0.4	-	**1052**	1053
Canada, British Columbia	-	0.0	0.3	0.0	8.9	0.3	0.0	**1432**	1446
Canada, Manitoba	12.2	75.4	0.6	0.0	7.0	0.5	0.0	**4861**	4879
Canada, New Brunswick	-	-	0.5	0.0	11.1	0.3	-	**333**	333
Canada, Newfoundland and Labrador	-	-	0.4	0.3	6.7	0.3	0.0	**153**	153
Canada, Northwest Territories	-	-	-	-	5.3	-	-	**4**	4
Canada, Nova Scotia	-	0.1	0.3	0.1	12.5	0.3	0.0	**472**	475
Canada, Ontario	-	0.0	0.1	-	9.2	0.1	-	**3719**	3907
Canada, Prince Edward Island	-	-	-	-	15.7	0.8	-	**81**	81
Canada, Saskatchewan	-	0.1	0.5	-	8.5	0.3	-	**353**	353
USA, Alabama	-	0.0	0.2	-	7.4	0.4	-	**1262**	1284
USA, Alabama: Black	-	-	0.1	-	0.5	0.7	-	**44**	44
USA, Alabama: White	-	0.0	0.3	-	8.8	0.3	-	**1099**	1121
USA, Alaska	-	-	0.3	-	6.7	0.4	-	**124**	127
USA, Arizona	-	0.0	0.3	-	9.7	0.3	-	**1803**	1821
USA, California	-	0.0	0.5	-	10.3	0.4	-	**12486**	12542
USA, California, Greater San Francisco Bay Area	-	0.0	0.5	-	8.9	0.4	-	**2220**	2232
USA, California, Greater San Francisco Bay Area: Black	-	-	0.1	-	0.3	0.9	-	**20**	20
USA, California, Greater San Francisco Bay Area: Chinese	-	-	0.4	-	0.6	0.2	-	**26**	26
USA, California, Greater San Francisco Bay Area: Filipino	-	-	-	-	0.3	0.2	-	**6**	6
USA, California, Greater San Francisco Bay Area: Hispanic White	-	0.0	0.3	-	4.0	0.3	-	**133**	134
USA, California, Greater San Francisco Bay Area: Japanese	-	-	-	-	0.7	0.5	-	**6**	6
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	-	0.0	0.6	-	13.8	0.5	-	**1865**	1876
USA, California, Los Angeles County	-	0.0	0.6	-	7.9	0.4	-	**2746**	2747
USA, California, Los Angeles County: Black	-	-	0.2	-	0.6	0.8	-	**52**	52
USA, California, Los Angeles County: Chinese	-	-	0.1	-	0.4	0.6	-	**16**	16
USA, California, Los Angeles County: Filipino	-	-	0.1	-	0.7	0.2	-	**10**	10
USA, California, Los Angeles County: Hispanic White	-	0.0	0.4	-	2.6	0.2	-	**293**	293
USA, California, Los Angeles County: Japanese	-	-	0.2	-	0.9	0.3	-	**9**	9
USA, California, Los Angeles County: Korean	-	-	0.2	-	1.2	-	-	**7**	7
USA, California, Los Angeles County: Non-Hispanic White	-	-	0.9	-	16.2	0.6	-	**2167**	2168
USA, California: Asian and Pacific Islander	-	-	0.2	-	0.8	0.3	-	**178**	178
USA, California: Black	-	-	0.2	-	0.6	0.7	-	**112**	112
USA, California: Hispanic White	-	0.0	0.3	-	3.1	0.3	-	**829**	832
USA, California: Non-hispanic White	-	0.0	0.6	-	15.7	0.5	-	**10407**	10454
USA, Colorado	-	-	0.5	-	12.6	0.4	-	**1828**	1846
USA, Connecticut	-	-	0.3	-	13.3	0.4	-	**1770**	1774
USA, Connecticut: Black	-	-	0.1	-	0.5	0.8	-	**13**	13
USA, Connecticut: White	-	-	0.3	-	14.3	0.3	-	**1689**	1693
USA, District of Columbia	-	-	0.3	-	4.3	0.5	-	**109**	109
USA, District of Columbia: Black	-	-	0.1	-	0.1	0.7	-	**14**	14
USA, District of Columbia: White	-	-	0.4	-	11.6	0.4	-	**83**	83
USA, Florida	-	0.0	0.3	-	8.9	0.4	-	**6346**	6408
USA, Florida: Black	-	-	0.2	-	0.9	0.7	-	**126**	127
USA, Florida: White	-	0.0	0.3	-	10.2	0.3	-	**6082**	6143
USA, Georgia	-	0.0	0.2	-	9.3	0.4	-	**2627**	2660
USA, Georgia, Atlanta	-	0.0	0.3	-	10.7	0.5	-	**1009**	1012
USA, Georgia, Atlanta: Black	-	-	0.2	-	0.6	0.8	-	**45**	45
USA, Georgia, Atlanta: White	-	0.0	0.3	-	16.6	0.3	-	**941**	944
USA, Georgia: Black	-	0.0	0.1	-	0.6	0.6	-	**93**	97
USA, Georgia: White	-	0.0	0.2	-	12.6	0.3	-	**2449**	2478
USA, Idaho	-	0.0	0.3	-	11.6	0.3	-	**518**	519
USA, Illinois	-	0.0	0.3	-	7.3	0.4	-	**3457**	3492
USA, Illinois: Black	-	-	0.1	-	0.5	0.6	-	**73**	77
USA, Illinois: White	-	0.0	0.3	-	8.4	0.4	-	**3187**	3218
USA, Indiana	-	0.0	0.3	-	9.0	0.3	-	**2004**	2017
USA, Iowa	-	-	0.4	-	12.6	0.5	-	**1368**	1376
USA, Kentucky	-	-	0.3	-	13.0	0.3	-	**1886**	1898
USA, Louisiana	-	0.0	0.4	-	5.7	0.3	-	**1009**	1017
USA, Louisiana, New Orleans: Black	-	-	-	-	0.6	0.5	-	**16**	16
USA, Louisiana, New Orleans: White	-	-	0.3	-	6.6	0.2	-	**151**	153
USA, Louisiana: Black	-	0.0	0.2	-	0.7	0.4	-	**60**	60
USA, Louisiana: White	-	-	0.5	-	7.9	0.3	-	**926**	934
USA, Maine	-	-	0.4	-	11.8	0.2	-	**582**	612
USA, Massachusetts	-	0.0	0.5	-	11.5	0.4	-	**2934**	2965

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Skin (C43-44) - Female (Contd)

	Carcinoma				Melanoma	Other	Unspec.	Number of cases	
	Squamous	Basal cell	Other	Unspec.				MV	Total
America, North (Contd)									
USA, Michigan	-	-	0.4	-	11.4	0.5	-	**4099**	4149
USA, Michigan, Detroit	-	0.0	0.5	-	10.5	0.6	-	**1588**	1596
USA, Michigan, Detroit: Black	-	-	0.2	-	0.6	0.7	-	**48**	50
USA, Michigan, Detroit: White	-	0.0	0.5	-	14.2	0.5	-	**1512**	1518
USA, Michigan: Black	-	-	0.2	-	0.7	0.7	-	**68**	71
USA, Michigan: White	-	-	0.4	-	12.9	0.4	-	**3829**	3874
USA, Missouri	-	0.0	0.3	-	6.2	0.3	-	**1378**	1413
USA, Missouri: Black	-	-	0.1	-	0.4	0.4	-	**21**	21
USA, Missouri: White	-	0.0	0.3	-	6.8	0.3	-	**1325**	1360
USA, Montana	-	0.0	0.2	-	9.7	0.3	-	**324**	329
USA, New Jersey	-	0.0	0.4	-	9.7	0.4	-	**3313**	3371
USA, New Jersey: Black	-	-	0.1	-	0.6	0.5	-	**44**	48
USA, New Jersey: White	-	0.0	0.4	-	11.8	0.4	-	**3209**	3261
USA, New Mexico	-	-	0.5	-	9.7	0.4	-	**637**	644
USA, New Mexico: American Indian	-	-	0.8	-	0.8	0.2	-	**7**	7
USA, New Mexico: Hispanic White	-	-	0.4	-	3.5	0.2	-	**84**	85
USA, New Mexico: Non-Hispanic White	-	-	0.5	-	16.5	0.7	-	**542**	548
USA, New York state	0.0	0.0	0.4	0.0	6.4	0.4	0.0	**5058**	5253
USA, New York state: Black	0.0	-	0.2	0.0	0.7	0.7	0.0	**155**	158
USA, New York state: White	0.0	0.0	0.4	0.0	7.8	0.3	0.0	**4844**	5034
USA, NPCR	-	0.0	0.4	-	9.2	0.4	-	**77044**	78038
USA, NPCR: Black	-	0.0	0.2	-	0.6	0.6	-	**1168**	1192
USA, NPCR: White	-	0.0	0.4	-	10.3	0.3	-	**71774**	72701
USA, Ohio	-	0.0	0.3	-	9.6	0.3	-	**3999**	4060
USA, Ohio: Black	-	-	0.2	-	0.5	0.7	-	**56**	58
USA, Ohio: White	-	0.0	0.3	-	9.9	0.3	-	**3601**	3660
USA, Oklahoma	-	-	0.2	-	6.5	0.3	-	**859**	898
USA, Oregon	-	0.0	0.4	-	15.5	0.3	-	**1858**	1866
USA, Pennsylvania	-	0.0	0.4	-	9.4	0.4	-	**4666**	4699
USA, Pennsylvania: Black	-	-	0.2	-	0.4	0.8	-	**57**	57
USA, Pennsylvania: White	-	0.0	0.4	-	9.9	0.3	-	**4318**	4345
USA, Rhode Island	-	0.0	0.6	-	11.1	0.7	-	**506**	508
USA, SEER (9 registries)	-	0.0	0.4	-	11.4	0.5	-	**11122**	11175
USA, SEER (9 registries): Black	-	-	0.2	-	0.6	0.8	-	**146**	148
USA, SEER (9 registries): White	-	0.0	0.5	-	14.1	0.5	-	**10533**	10582
USA, SEER (14 registries)	-	0.0	0.5	-	10.5	0.4	-	**28441**	28622
USA, SEER (14 registries): Asian and Pacific Islander	-	-	0.2	-	0.9	0.3	-	**298**	300
USA, SEER (14 registries): Black	-	0.0	0.2	-	0.6	0.6	-	**356**	364
USA, SEER (14 registries): Hispanic White	-	0.0	0.3	-	3.2	0.3	-	**1116**	1121
USA, SEER (14 registries): Non-hispanic White	-	0.0	0.5	-	14.4	0.4	-	**25311**	25469
USA, South Carolina	-	0.0	0.3	-	10.0	0.4	-	**1470**	1499
USA, South Carolina: Black	-	-	0.1	-	0.8	0.5	-	**59**	61
USA, South Carolina: White	-	0.0	0.3	-	13.4	0.3	-	**1362**	1386
USA, Texas	-	0.0	0.2	-	6.4	0.2	-	**4498**	4628
USA, Texas: Black	-	-	0.2	-	0.6	0.5	-	**94**	95
USA, Texas: White	-	0.0	0.2	-	6.8	0.2	-	**4087**	4212
USA, Utah	-	0.0	0.5	-	13.0	0.7	-	**855**	856
USA, Vermont	-	-	0.4	-	17.4	0.7	-	**381**	387
USA, Washington State	-	0.0	0.5	-	14.5	0.5	-	**3025**	3045
USA, Washington, Seattle	-	0.0	0.6	-	14.3	0.6	-	**2096**	2108
USA, West Virginia	-	0.0	0.3	-	9.9	0.4	-	**709**	719
USA, Wisconsin	-	-	0.3	-	8.7	0.4	-	**1704**	1733
Asia									
Bahrain: Bahraini	0.4	1.5	-	0.1	0.2	0.3	-	**14**	14
China, Guangzhou City	0.3	0.8	0.1	0.1	0.5	0.1	0.1	**121**	132 *
China, Hong Kong	1.1	3.5	0.2	0.0	0.6	0.5	0.1	**1609**	1628
China, Jiashan	0.4	0.3	-	0.1	0.3	-	-	**16**	17 *
China, Nangang District, Harbin City	-	-	-	-	0.2	-	0.3	**13**	13
China, Shanghai	0.0	0.1	0.1	0.0	0.3	0.0	1.0	**420**	463 *
China, Zhongshan	0.5	0.7	0.2	0.2	0.2	0.1	-	**69**	69 *
Cyprus	3.1	13.4	0.3	-	3.3	0.2	0.2	**520**	584 *
India, Chennai (Madras)	0.5	0.3	0.1	0.0	0.3	0.0	0.1	**118**	124
India, Karunagappally	0.1	0.7	-	-	0.1	-	-	**8**	8
India, Mumbai (Bombay)	0.4	0.3	0.1	0.0	0.2	0.0	0.0	**215**	220
India, Nagpur	0.6	0.1	-	0.0	0.1	-	0.0	**33**	34 *
India, New Delhi	0.2	0.4	0.1	0.1	0.2	0.1	0.1	**184**	206 *
India, Poona	-	-	-	-	-	-	1.1	**63**	67 *
India, Trivandrum	0.4	0.2	0.1	0.1	0.3	0.0	0.1	**37**	37 *
Israel	0.4	1.8	0.3	0.0	9.5	0.4	0.1	**2213**	2360
Israel: Jews	0.4	2.0	0.3	0.0	10.5	0.4	0.1	**2155**	2285
Israel: Non-Jews	0.3	0.5	0.1	0.0	0.8	0.4	-	**40**	41
Japan, Aichi Prefecture	1.1	0.9	0.1	-	0.6	0.0	0.1	**143**	145
Japan, Fukui Prefecture	0.3	0.3	0.3	-	0.3	0.1	0.1	**67**	75
Japan, Hiroshima	1.2	2.2	0.3	0.0	0.7	0.2	-	**269**	275
Japan, Miyagi Prefecture	0.6	1.1	0.1	0.0	0.5	0.2	0.1	**346**	372
Japan, Nagasaki Prefecture	1.2	2.4	0.4	0.0	0.5	0.2	-	**606**	614
Japan, Osaka Prefecture	0.2	0.4	0.1	0.0	0.2	0.1	0.1	**457**	495
Japan, Yamagata Prefecture	0.5	0.5	0.1	-	0.5	0.1	0.1	**162**	172
Korea	0.6	1.0	0.1	0.0	0.4	0.1	0.1	**2606**	2772
Korea, Busan	0.3	1.0	0.2	0.0	0.3	0.1	0.1	**214**	227
Korea, Daegu	1.1	1.9	0.2	0.1	0.3	0.1	0.1	**250**	252
Korea, Daejeon	0.4	1.0	0.1	0.1	0.8	0.0	0.3	**87**	94
Korea, Gwangju	0.9	1.8	0.1	0.1	0.5	0.1	0.1	**127**	131
Korea, Incheon	0.8	1.2	0.1	0.0	0.4	0.2	0.1	**175**	182

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Skin (C43-44) - Female (Contd)

	Carcinoma				Melanoma	Other	Unspec.	Number of cases	
	Squamous	Basal cell	Other	Unspec.				MV	Total
Asia (Contd)									
Korea, Jejudo	0.4	0.8	0.2	-	0.2	-	0.1	**19**	20
Korea, Seoul	0.6	0.8	0.2	0.0	0.5	0.1	0.1	**547**	583
Korea, Ulsan	1.2	1.2	0.1	0.0	0.5	0.1	0.0	**58**	60
Kuwait: Kuwaitis	0.1	0.8	0.2	-	0.3	0.2	-	**18**	18
Kuwait: Non-Kuwaitis	0.0	1.5	-	0.0	0.3	0.1	-	**17**	17
Malaysia, Penang	1.1	2.6	0.1	0.2	0.4	0.0	0.1	**99**	101
Malaysia, Sarawak	1.1	2.6	0.1	-	0.5	0.0	0.0	**151**	153
Oman: Omani	0.9	3.0	0.1	0.1	0.3	0.1	0.0	**75**	76 *
Pakistan, South Karachi	1.4	2.1	0.2	0.2	0.3	0.2	-	**89**	90 *
Philippines, Manila	1.0	1.5	0.2	0.1	0.6	0.1	0.1	**263**	281 *
Singapore	1.6	5.3	0.4	0.1	0.4	0.3	0.1	**784**	789
Singapore: Chinese	1.6	5.8	0.4	0.1	0.4	0.3	0.1	**733**	738
Singapore: Indian	1.4	1.0	-	-	-	0.3	-	**14**	14
Singapore: Malay	0.8	2.5	0.4	-	0.2	0.1	-	**37**	37
Thailand, Chiang Mai	1.2	2.0	0.0	0.0	0.4	0.1	0.0	**161**	161 *
Thailand, Lampang	1.1	2.1	0.0	0.1	0.3	0.1	0.1	**88**	91 *
Thailand, Songkhla	1.2	2.1	-	-	0.4	0.2	0.0	**126**	127
Turkey, Antalya	3.2	11.9	0.1	0.1	1.5	0.1	0.1	**493**	497 *
Turkey, Izmir	1.9	7.4	0.2	0.1	1.0	0.1	0.0	**903**	917 *
Europe									
Austria	3.9	11.9	0.2	0.1	7.8	0.1	0.1	**10413**	10575
Austria, Tyrol	2.9	8.2	0.3	0.0	11.4	0.3	0.1	**702**	709
Austria, Vorarlberg	6.9	0.6	0.0	0.1	12.9	0.1	0.1	**318**	324
Belarus	2.6	16.6	0.2	0.0	3.5	0.2	1.1	**11872**	12026 *
Belgium, Antwerp	3.5	0.6	0.2	0.1	5.9	0.2	0.0	**905**	909 *
Belgium, Flanders	3.9	20.7	0.6	0.1	8.8	0.3	0.2	**8102**	8143
Bulgaria	3.2	10.7	0.1	0.0	2.4	0.1	0.3	**7108**	7268 *
Croatia	-	-	-	-	5.8	-	-	**991**	1034
Czech Republic	5.0	40.1	0.3	0.1	8.8	0.2	0.6	**26983**	27469
Denmark	3.8	52.5	0.3	0.1	14.1	0.3	0.6	**17279**	17771
Estonia	1.9	24.2	0.1	0.1	6.6	0.1	0.7	**2397**	2474
Finland *(data not available)*	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	-	-	-	-	12.1	-	-	**431**	432
France, Calvados	-	-	-	-	6.3	-	-	**165**	165
France, Doubs	-	-	-	-	9.5	-	-	**180**	180
France, Haut-Rhin	-	-	-	-	11.5	-	-	**302**	304
France, Herault	-	-	-	-	7.3	-	-	**252**	252
France, Isere	-	-	-	-	8.4	-	-	**319**	323
France, Loire-Atlantique	-	-	-	-	11.8	-	-	**505**	505
France, Manche	-	-	-	-	9.8	-	-	**204**	205
France, Somme	-	-	-	-	5.7	-	-	**120**	124
France, Tarn	-	-	-	-	7.5	-	-	**114**	114
France, Vendee	-	-	-	-	10.4	-	-	**226**	227
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	4.2	30.4	0.2	-	10.5	0.1	0.1	**4090**	4313
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Munich	1.4	0.8	0.2	0.0	11.5	0.2	0.5	**1482**	1540
Germany, Northrhine-Westphalia: Munster	2.8	25.6	0.4	0.1	10.1	0.2	0.0	**4850**	5132
Germany, Saarland	3.9	29.7	0.3	0.1	7.8	0.3	0.0	**2637**	2644
Iceland	7.6	0.6	0.5	0.2	19.0	0.3	-	**257**	257
Ireland	17.3	62.4	0.4	0.3	11.0	0.2	0.2	**12876**	13593
Italy, Biella Province	3.2	40.7	0.2	0.0	10.1	0.8	0.2	**677**	681
Italy, Brescia Province	5.0	38.1	0.7	0.1	8.2	0.5	0.9	**1683**	1721
Italy, Ferrara Province	7.9	36.6	0.3	0.1	7.9	0.2	0.0	**1375**	1378
Italy, Florence and Prato	2.5	33.6	0.4	0.1	10.6	0.3	3.7	**3200**	3490
Italy, Genoa Province	1.9	34.6	0.3	0.1	7.4	0.5	1.6	**1622**	1713
Italy, Macerata Province	4.2	38.9	0.5	0.1	11.4	0.3	0.1	**644**	646
Italy, Milan	2.3	27.5	0.2	0.6	9.7	0.5	0.3	**2634**	2658
Italy, Modena Province	3.3	35.3	0.2	0.1	6.3	0.4	-	**1706**	1706
Italy, Naples	1.9	8.3	0.5	0.4	3.4	0.1	1.4	**274**	309
Italy, North East Cancer Surveillance Network	5.6	35.7	0.6	0.6	10.6	0.2	2.6	**6916**	6926
Italy, Parma Province	2.7	22.9	0.3	-	7.1	0.3	0.0	**822**	823
Italy, Ragusa Province	2.9	26.1	0.4	0.9	4.4	0.4	0.2	**513**	518
Italy, Reggio Emilia Province	4.8	34.2	0.3	0.3	6.7	0.9	0.6	**1261**	1269
Italy, Romagna Region	3.7	36.1	0.3	0.3	9.3	0.4	0.1	**2892**	2912
Italy, Salerno Province	3.5	13.7	0.2	0.9	5.1	0.1	1.2	**998**	1049
Italy, Sassari Province	4.4	32.2	0.4	0.4	3.3	0.3	0.1	**922**	925
Italy, Sondrio	6.7	38.4	0.0	0.2	9.5	0.2	0.4	**564**	571
Italy, Syracuse Province	2.3	23.4	0.3	0.1	4.7	0.2	0.1	**458**	464
Italy, Torino	1.9	29.2	0.2	0.3	11.4	0.5	0.0	**2323**	2327
Italy, Umbria Region	4.4	18.6	0.2	0.4	6.2	0.4	0.7	**1627**	1758
Italy, Varese Province	2.9	30.9	0.4	0.1	7.6	0.4	0.4	**1131**	1149
Italy, Veneto Region	6.1	38.6	0.5	0.4	10.0	0.6	0.1	**5147**	5162
Latvia	0.8	10.6	0.1	-	4.2	0.0	4.0	**2612**	2657
Lithuania	4.1	24.4	0.3	0.4	5.2	0.2	1.9	**6122**	6222
Malta	5.3	32.8	0.3	-	5.1	0.3	0.7	**705**	723
Norway	6.0	0.4	0.3	0.1	14.6	0.3	0.0	**4584**	4600
Poland, Cracow	0.9	15.0	0.0	0.3	5.6	0.3	0.3	**806**	819 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	**-**	-
Poland, Warsaw City	1.0	7.5	0.3	0.1	4.6	0.2	0.4	**1217**	1259
Portugal, Porto	-	0.3	0.1	-	3.5	0.2	-	**486**	486 *
Portugal, South Regional	5.3	0.0	0.3	0.1	4.8	0.1	0.2	**1704**	1727
Russia, St Petersburg	0.9	10.1	0.2	0.0	4.8	0.1	0.7	**4230**	4452

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Skin (C43-44) - Female (Contd)

	Carcinoma				Melanoma	Other	Unspec.	Number of cases	
	Squamous	Basal cell	Other	Unspec.				MV	Total
Europe (Contd)									
Serbia	2.8	11.7	0.3	1.0	3.6	0.1	0.6	**4344**	4614
Slovak Republic	3.4	31.0	0.2	0.1	6.3	0.1	0.5	**9089**	9274
Slovenia	3.9	24.9	0.3	0.2	8.7	0.1	0.4	**3819**	3830
Spain, Albacete	0.1	0.1	0.4	-	4.8	1.0	0.1	**71**	71
Spain, Asturias	-	-	-	-	5.8	-	-	**269**	272
Spain, Basque Country	-	0.0	0.2	-	6.6	0.7	0.0	**507**	509
Spain, Canary Islands	-	0.0	0.4	-	4.8	0.4	-	**282**	287
Spain, Cuenca	-	-	0.1	-	2.0	0.7	-	**34**	35
Spain, Girona	6.2	38.2	0.3	0.2	6.6	0.2	0.2	**1510**	1518
Spain, Granada	8.0	43.1	0.6	0.0	4.8	0.4	0.0	**2153**	2155
Spain, Murcia	5.4	24.9	0.5	0.1	7.0	0.4	0.2	**1965**	1981
Spain, Navarra	6.4	59.7	0.7	0.0	7.5	0.7	0.0	**2074**	2079
Spain, Tarragona	7.2	53.0	0.4	0.4	8.7	0.6	0.2	**1667**	1675
Spain, Zaragoza	4.1	25.8	0.0	0.1	4.2	0.2	-	**1585**	1589
Sweden	5.8	0.5	0.4	0.0	12.1	0.3	0.0	**9137**	9137
Switzerland, Geneva	18.6	93.0	0.9	0.2	19.0	0.2	0.0	**2572**	2585
Switzerland, Graubunden and Glarus	13.1	0.5	0.5	0.1	13.2	0.3	0.0	**368**	369
Switzerland, Neuchatel	15.5	64.3	0.2	0.1	15.4	0.2	-	**863**	864
Switzerland, St Gall-Appenzell	9.4	46.0	0.4	-	12.7	0.2	0.1	**1713**	1718
Switzerland, Ticino	-	-	-	-	14.3	-	-	**175**	176
Switzerland, Valais	11.3	61.5	0.7	0.1	16.5	0.2	0.1	**1132**	1135
Switzerland, Vaud	19.9	83.8	0.6	0.1	19.6	0.8	0.0	**3774**	3777
The Netherlands	7.0	0.0	0.4	0.1	12.9	0.3	0.0	**14233**	14243
The Netherlands, Eindhoven	6.7	-	0.4	0.1	12.9	0.5	0.0	**821**	824
The Netherlands, Maastricht	6.4	-	0.4	0.1	12.6	0.2	-	**743**	743
UK, England, East of England Region	6.3	45.3	0.3	0.1	9.8	0.1	0.0	**8751**	8931
UK, England, Merseyside and Cheshire	-	-	-	-	9.4	-	-	**811**	831
UK, England, North Western	-	-	-	-	9.1	-	-	**1344**	1364
UK, England, Northern And Yorkshire	6.2	47.0	0.2	0.1	8.9	0.2	0.0	**21488**	21842
UK, England, Oxford Region	-	-	-	-	12.6	0.0	-	**1202**	1213
UK, England, South and Western Regions	8.8	59.8	0.4	0.2	11.9	0.2	3.6	**30173**	31935
UK, England, Thames	3.7	0.3	0.2	0.1	7.1	0.1	0.0	**7660**	8125
UK, England, Trent	5.1	40.8	0.3	0.1	7.5	0.3	0.0	**13407**	13656
UK, England, West Midlands	-	0.0	-	-	8.2	0.0	-	**1598**	1613
UK, Northern Ireland	12.9	48.1	0.3	0.6	10.2	0.2	2.6	**5712**	5904
UK, Scotland	7.7	45.8	0.3	0.1	10.1	0.2	0.0	**17393**	17501
Oceania									
Australia, New South Wales	-	0.0	0.0	-	26.5	-	-	**6019**	6081
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-
Australia, Queensland	-	0.0	0.5	0.0	41.1	0.4	-	**4905**	4961
Australia, South	1.9	0.0	0.5	0.0	25.7	0.5	-	**1629**	1634
Australia, Tasmania	0.3	0.6	0.4	-	32.4	0.4	0.2	**560**	563
Australia, Victoria	-	0.0	-	0.0	23.4	0.0	0.0	**3979**	3996
Australia, Western	3.7	3.2	1.4	0.2	31.5	0.3	0.0	**2586**	2599
Australian Capital Territory	2.0	0.3	1.2	0.1	26.0	0.2	-	**286**	292
French Polynesia	-	-	0.2	-	4.7	-	-	**21**	21
New Zealand	0.0	0.0	0.6	0.0	31.4	0.2	0.0	**4272**	4288
USA, Hawaii	-	-	0.4	-	8.3	0.6	-	**398**	399
USA, Hawaii: Chinese	-	-	0.3	-	0.9	0.6	-	**8**	8
USA, Hawaii: Filipino	-	-	0.3	-	1.0	0.2	-	**9**	9
USA, Hawaii: Hawaiian	-	-	0.3	-	1.6	0.3	-	**14**	14
USA, Hawaii: Japanese	-	-	0.3	-	1.4	0.1	-	**28**	28
USA, Hawaii: White	-	-	0.5	-	26.3	1.0	-	**292**	293

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Cervix uteri (C53)

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
Africa									
Algeria, Setif	10.0	0.2	-	0.7	0.0	-	0.6	**218**	229 *
Egypt, Gharbiah	1.5	0.3	0.1	0.1	0.1	0.0	0.1	**107**	109
Tunisia, Centre, Sousse	6.6	0.2	-	-	-	0.1	0.2	**72**	72 *
Uganda, Kyadondo County	24.1	1.3	-	1.3	-	-	19.1	**384**	649 *
Zimbabwe, Harare: African	29.8	2.3	0.8	13.2	-	0.1	1.2	**593**	818 *
America, Central and South									
Argentina, Bahia Blanca	11.4	1.3	-	3.1	0.1	-	0.1	**132**	139
Brazil, Brasilia	24.4	4.5	0.6	1.7	0.1	-	6.4	**1053**	1154
Brazil, Cuiaba	27.2	3.8	-	1.2	0.2	0.2	5.2	**269**	302
Brazil, Goiania	24.1	4.2	0.6	4.3	0.1	-	0.5	**700**	711
Brazil, Sao Paulo	13.7	2.5	0.2	1.6	0.1	0.0	3.0	**5161**	6028
Chile, Valdivia	16.7	1.8	0.3	1.3	0.1	-	1.9	**200**	216
Colombia, Cali	19.8	2.5	0.7	2.2	0.1	0.0	2.7	**1233**	1314
Costa Rica	13.7	2.2	0.4	0.4	0.0	0.0	2.2	**1477**	1655
Ecuador, Quito	16.1	1.8	0.2	0.6	-	-	1.4	**595**	637
France, La Martinique	9.9	3.1	0.1	1.8	0.1	0.1	1.4	**203**	220
Peru, Trujillo	37.3	3.2	0.6	0.9	-	-	1.9	**479**	498 *
America, North									
Canada (excluding Quebec, Yukon and Nunavut)	4.7	1.4	0.4	0.2	0.0	0.1	0.2	**5187**	5389
Canada, Alberta	6.0	1.6	0.7	0.2	0.0	0.0	0.0	**789**	797
Canada, British Columbia	4.1	1.4	0.2	0.1	0.0	0.0	0.0	**816**	828
Canada, Manitoba	5.0	1.3	0.4	0.3	0.0	0.1	0.0	**265**	267
Canada, New Brunswick	5.0	1.6	0.4	0.2	0.1	0.0	-	**190**	191
Canada, Newfoundland and Labrador	5.7	1.4	0.5	0.1	-	-	-	**136**	138
Canada, Northwest Territories	6.1	0.9	-	-	-	-	-	**6**	6
Canada, Nova Scotia	6.7	1.8	0.2	0.2	0.1	0.0	0.1	**292**	295
Canada, Ontario	4.4	1.3	0.4	0.1	0.0	0.1	0.3	**2451**	2623
Canada, Prince Edward Island	5.0	0.9	0.4	-	-	-	-	**30**	30
Canada, Saskatchewan	5.4	1.1	0.2	0.3	-	0.0	0.0	**212**	214
USA, Alabama	5.7	1.0	0.3	0.3	0.0	0.0	0.1	**1112**	1157
USA, Alabama: Black	8.1	1.1	0.2	0.4	0.0	0.1	0.3	**371**	391
USA, Alabama: White	4.9	1.0	0.4	0.3	-	0.0	0.1	**703**	723
USA, Alaska	4.6	1.2	0.2	0.3	-	-	0.1	**116**	119
USA, Arizona	4.3	1.0	0.3	0.3	0.0	0.0	0.1	**934**	965
USA, California	5.3	1.5	0.5	0.2	0.0	0.0	0.1	**8009**	8109
USA, California, Greater San Francisco Bay Area	3.9	1.3	0.4	0.2	0.0	0.0	0.0	**1254**	1263
USA, California, Greater San Francisco Bay Area: Black	4.9	1.1	0.4	0.1	-	0.1	-	**112**	112
USA, California, Greater San Francisco Bay Area: Chinese	1.7	1.0	-	0.3	0.1	-	0.0	**58**	59
USA, California, Greater San Francisco Bay Area: Filipino	3.1	1.2	0.6	0.2	-	0.1	0.1	**60**	61
USA, California, Greater San Francisco Bay Area: Hispanic White	7.3	1.8	0.7	0.2	-	0.1	0.0	**294**	295
USA, California, Greater San Francisco Bay Area: Japanese	2.6	0.7	0.3	-	-	-	-	**13**	13
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	3.1	1.3	0.4	0.2	0.0	0.0	0.0	**576**	581
USA, California, Los Angeles County	6.8	1.6	0.7	0.2	0.0	0.1	0.1	**2749**	2769
USA, California, Los Angeles County: Black	6.3	0.8	0.4	0.2	0.0	0.0	0.1	**259**	262
USA, California, Los Angeles County: Chinese	4.0	0.7	0.1	0.1	-	-	-	**64**	64
USA, California, Los Angeles County: Filipino	5.5	2.2	1.0	0.1	-	-	-	**91**	91
USA, California, Los Angeles County: Hispanic White	11.2	2.3	1.1	0.3	0.0	0.1	0.1	**1397**	1404
USA, California, Los Angeles County: Japanese	2.9	0.7	0.7	0.3	-	-	-	**22**	23
USA, California, Los Angeles County: Korean	7.3	1.7	0.4	0.3	-	-	0.1	**68**	69
USA, California, Los Angeles County: Non-Hispanic White	4.3	1.4	0.6	0.2	0.1	0.1	0.0	**734**	740
USA, California: Asian and Pacific Islander	4.4	1.4	0.5	0.2	0.0	0.0	0.1	**900**	909
USA, California: Black	5.5	0.9	0.4	0.2	0.0	0.0	0.1	**529**	532
USA, California: Hispanic White	9.6	2.2	0.8	0.3	0.0	0.1	0.1	**2967**	2990
USA, California: Non-hispanic White	4.0	1.4	0.4	0.2	0.0	0.0	0.0	**3462**	3524
USA, Colorado	4.1	1.2	0.3	0.2	0.0	0.0	0.1	**778**	799
USA, Connecticut	3.9	1.1	0.4	0.2	0.0	0.1	0.0	**690**	700
USA, Connecticut: Black	6.2	0.9	0.7	0.5	-	-	-	**80**	82
USA, Connecticut: White	3.7	1.1	0.4	0.2	0.0	0.1	0.0	**592**	600
USA, District of Columbia	7.3	1.3	0.2	0.8	-	0.0	0.2	**183**	194
USA, District of Columbia: Black	9.3	1.3	0.3	0.9	-	0.1	0.1	**149**	151
USA, District of Columbia: White	1.7	1.4	-	0.6	-	-	0.1	**21**	23
USA, Florida	6.0	1.5	0.4	0.5	0.0	0.0	0.2	**4672**	4771
USA, Florida: Black	9.2	1.3	0.5	0.6	0.1	0.0	0.4	**831**	854
USA, Florida: White	5.7	1.6	0.4	0.4	0.0	0.0	0.2	**3719**	3794
USA, Georgia	5.7	1.3	0.4	0.3	0.0	0.0	0.1	**2046**	2098
USA, Georgia, Atlanta	4.9	1.3	0.4	0.4	0.0	0.0	0.0	**639**	647
USA, Georgia, Atlanta: Black	6.3	1.2	0.4	0.7	0.0	0.0	0.1	**244**	247
USA, Georgia, Atlanta: White	4.0	1.5	0.4	0.2	0.0	0.0	0.0	**350**	353
USA, Georgia: Black	7.2	1.2	0.4	0.4	0.0	0.1	0.2	**648**	662
USA, Georgia: White	5.2	1.4	0.4	0.3	0.0	0.0	0.1	**1335**	1371
USA, Idaho	3.9	1.0	0.2	0.2	-	0.1	0.1	**209**	216
USA, Illinois	6.1	1.5	0.3	0.3	0.1	0.0	0.1	**3308**	3401
USA, Illinois: Black	10.5	1.2	0.4	0.6	0.1	0.1	0.2	**753**	775
USA, Illinois: White	5.3	1.5	0.3	0.3	0.1	0.0	0.1	**2422**	2492
USA, Indiana	5.2	1.3	0.4	0.3	0.0	0.0	0.0	**1379**	1410
USA, Iowa	4.5	1.6	0.4	0.3	0.0	0.1	0.1	**641**	651
USA, Kentucky	6.9	1.4	0.4	0.3	0.0	0.0	0.2	**1199**	1245
USA, Louisiana	6.8	1.2	0.3	0.4	0.0	0.0	0.1	**1226**	1244
USA, Louisiana, New Orleans: Black	9.3	0.8	0.3	0.6	-	-	0.4	**147**	151
USA, Louisiana, New Orleans: White	4.3	1.7	0.4	0.2	-	0.1	0.1	**125**	126
USA, Louisiana: Black	9.9	1.1	0.3	0.5	-	0.0	0.2	**506**	513
USA, Louisiana: White	5.5	1.3	0.4	0.3	0.0	0.0	0.1	**700**	711
USA, Maine	4.7	1.0	0.3	0.1	-	0.1	0.0	**273**	278
USA, Massachusetts	3.6	1.2	0.4	0.1	0.1	0.1	0.0	**1207**	1224

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Cervix uteri (C53) (Contd)

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
America, North (Contd)									
USA, Michigan	4.6	1.3	0.3	0.3	0.0	0.0	0.1	**2133**	2193
USA, Michigan, Detroit	5.1	1.3	0.4	0.4	0.0	0.0	0.1	**992**	1013
USA, Michigan, Detroit: Black	7.6	0.9	0.6	0.7	0.1	0.0	0.1	**330**	337
USA, Michigan, Detroit: White	4.4	1.4	0.4	0.3	0.0	0.0	0.1	**631**	645
USA, Michigan: Black	7.3	0.9	0.5	0.5	0.1	0.0	0.2	**415**	425
USA, Michigan: White	4.1	1.4	0.3	0.3	0.0	0.0	0.1	**1640**	1690
USA, Missouri	5.4	1.3	0.3	0.2	-	0.0	0.1	**1359**	1390
USA, Missouri: Black	8.6	0.8	0.7	0.3	-	0.1	0.1	**211**	216
USA, Missouri: White	5.0	1.4	0.3	0.2	-	0.0	0.1	**1120**	1146
USA, Montana	4.7	1.2	0.4	0.4	-	0.0	0.1	**196**	206
USA, New Jersey	5.4	1.4	0.4	0.5	0.0	0.0	0.2	**2278**	2339
USA, New Jersey: Black	8.8	1.4	0.6	0.7	0.0	0.1	0.3	**451**	466
USA, New Jersey: White	5.0	1.4	0.4	0.4	0.0	0.0	0.2	**1715**	1759
USA, New Mexico	4.9	1.3	0.3	0.3	0.0	-	0.1	**374**	394
USA, New Mexico: American Indian	3.5	1.6	-	0.3	-	-	0.1	**24**	27
USA, New Mexico: Hispanic White	5.9	0.9	0.2	0.3	0.1	-	0.1	**143**	150
USA, New Mexico: Non-Hispanic White	4.4	1.7	0.3	0.3	-	-	0.1	**191**	201
USA, New York state	5.1	1.3	0.4	0.5	0.1	0.1	0.1	**4807**	4976
USA, New York state: Black	8.8	1.3	0.5	1.0	0.1	0.1	0.3	**1157**	1199
USA, New York state: White	4.5	1.3	0.4	0.4	0.0	0.1	0.1	**3414**	3533
USA, NPCR	5.3	1.3	0.4	0.3	0.0	0.0	0.1	**54030**	55469
USA, NPCR: Black	7.9	1.1	0.4	0.5	0.0	0.1	0.2	**8445**	8693
USA, NPCR: White	5.0	1.4	0.4	0.3	0.0	0.0	0.1	**42321**	43436
USA, Ohio	4.9	1.1	0.3	0.3	0.0	0.0	0.1	**2488**	2569
USA, Ohio: Black	5.3	0.8	0.4	0.2	0.0	0.0	0.3	**284**	302
USA, Ohio: White	4.8	1.2	0.3	0.3	0.0	0.0	0.1	**2128**	2191
USA, Oklahoma	5.8	1.4	0.4	0.3	0.0	0.0	0.4	**860**	919
USA, Oregon	4.7	1.1	0.4	0.1	-	0.0	0.1	**709**	719
USA, Pennsylvania	4.9	1.3	0.4	0.3	0.0	0.1	0.1	**2964**	3020
USA, Pennsylvania: Black	8.0	0.9	0.4	0.5	0.1	0.3	0.1	**402**	415
USA, Pennsylvania: White	4.5	1.3	0.4	0.3	0.0	0.0	0.0	**2448**	2487
USA, Rhode Island	4.3	1.1	0.5	0.2	0.1	0.0	0.0	**214**	215
USA, SEER (9 registries)	4.3	1.3	0.4	0.3	0.0	0.0	0.1	**5461**	5553
USA, SEER (9 registries): Black	6.4	0.9	0.4	0.6	0.0	0.0	0.1	**813**	826
USA, SEER (9 registries): White	4.0	1.3	0.3	0.2	0.0	0.0	0.1	**4004**	4075
USA, SEER (14 registries)	5.2	1.4	0.4	0.3	0.0	0.0	0.1	**17422**	17731
USA, SEER (14 registries): Asian and Pacific Islander	4.4	1.4	0.5	0.2	0.0	0.1	0.0	**1383**	1395
USA, SEER (14 registries): Black	7.3	1.0	0.4	0.5	0.0	0.0	0.1	**2317**	2360
USA, SEER (14 registries): Hispanic White	9.0	2.0	0.7	0.4	0.0	0.1	0.1	**3685**	3732
USA, SEER (14 registries): Non-hispanic White	4.3	1.3	0.4	0.3	0.0	0.0	0.1	**9723**	9923
USA, South Carolina	6.2	1.4	0.4	0.3	0.0	0.0	0.1	**1088**	1113
USA, South Carolina: Black	8.7	1.0	0.4	0.3	0.1	0.0	0.1	**390**	399
USA, South Carolina: White	5.3	1.6	0.4	0.2	0.0	0.0	0.1	**673**	688
USA, Texas	5.9	1.3	0.4	0.3	0.0	0.1	0.3	**5083**	5333
USA, Texas: Black	7.5	1.1	0.4	0.3	0.0	0.2	0.3	**680**	712
USA, Texas: White	5.8	1.3	0.4	0.3	0.0	0.0	0.3	**4232**	4439
USA, Utah	3.6	1.1	0.3	0.3	0.0	0.0	0.0	**308**	311
USA, Vermont	5.3	1.1	0.6	0.0	0.0	0.2	0.1	**149**	153
USA, Washington State	4.0	1.2	0.3	0.2	0.0	0.0	0.1	**1083**	1102
USA, Washington, Seattle	3.8	1.1	0.3	0.3	0.0	0.0	0.1	**722**	734
USA, West Virginia	6.6	1.5	0.3	0.6	-	0.0	0.1	**578**	591
USA, Wisconsin	5.1	1.4	0.2	0.7	0.0	0.0	0.2	**1211**	1247
Asia									
Bahrain: Bahraini	4.8	0.6	0.1	0.6	-	-	-	**38**	38
China, Guangzhou City	3.1	0.5	0.1	0.6	0.1	0.0	0.1	**265**	298 *
China, Hong Kong	7.2	1.6	0.4	0.2	0.0	0.0	0.2	**2193**	2251
China, Jiashan	2.1	0.2	-	0.1	-	-	-	**33**	33 *
China, Nangang District, Harbin City	-	-	-	-	-	-	3.0	**77**	86
China, Shanghai	0.5	0.2	0.0	0.0	-	-	2.1	**629**	722 *
China, Zhongshan	2.2	0.8	0.1	0.4	0.1	-	-	**133**	133 *
Cyprus	3.5	0.6	0.1	0.1	-	-	0.0	**98**	101 *
India, Chennai (Madras)	22.9	0.7	0.3	0.7	0.0	-	3.4	**2253**	2550
India, Karunagappally	8.3	0.6	0.1	0.1	-	-	1.5	**80**	93
India, Mumbai (Bombay)	11.1	1.1	0.1	0.2	0.0	0.0	1.9	**2731**	3121
India, Nagpur	16.8	0.8	-	0.1	-	-	0.8	**722**	741 *
India, New Delhi	10.4	0.9	-	4.6	-	0.0	3.6	**2965**	3653 *
India, Poona	-	-	-	-	-	-	17.3	**1010**	1138 *
India, Trivandrum	7.6	0.5	0.2	0.2	0.0	-	0.8	**261**	284 *
Israel	3.9	0.8	0.2	0.2	0.0	0.1	0.1	**855**	911
Israel: Jews	4.2	0.9	0.2	0.2	0.0	0.1	0.1	**809**	853
Israel: Non-Jews	1.9	0.3	0.1	0.1	0.0	-	-	**41**	44
Japan, Aichi Prefecture	4.2	1.0	0.2	0.0	-	-	0.7	**208**	229
Japan, Fukui Prefecture	4.2	0.9	0.6	0.2	-	-	0.5	**191**	204
Japan, Hiroshima	9.8	1.5	0.7	0.1	-	0.0	0.0	**489**	500
Japan, Miyagi Prefecture	4.1	1.0	0.2	0.1	0.0	0.0	0.5	**449**	512
Japan, Nagasaki Prefecture	8.2	1.5	0.7	0.4	-	-	-	**627**	651
Japan, Osaka Prefecture	3.8	0.8	0.2	0.0	0.0	0.0	0.7	**1713**	1963
Japan, Yamagata Prefecture	5.0	1.2	0.3	-	-	0.0	0.3	**298**	313
Korea	12.3	1.4	0.4	0.2	0.0	0.0	1.0	**16649**	17576
Korea, Busan	12.1	1.3	0.5	0.1	0.1	0.0	1.2	**1693**	1812
Korea, Daegu	13.4	1.7	0.4	0.2	0.0	0.0	0.3	**1149**	1169
Korea, Daejeon	14.9	1.2	0.6	0.1	-	-	1.8	**678**	696
Korea, Gwangju	10.9	2.2	0.2	0.9	-	-	0.2	**532**	540
Korea, Incheon	16.1	1.7	0.6	0.1	0.0	0.0	1.2	**1305**	1375

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Cervix uteri (C53) (Contd)

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
Asia (Contd)									
Korea, Jejudo	11.0	1.3	0.6	-	-	-	0.9	**137**	141
Korea, Seoul	13.9	1.6	0.5	0.2	0.0	0.0	1.6	**4644**	5033
Korea, Ulsan	11.2	1.2	0.5	0.0	-	-	1.3	**260**	283
Kuwait: Kuwaitis	3.5	0.5	-	-	0.1	0.2	0.2	**56**	58
Kuwait: Non-Kuwaitis	4.2	0.4	0.3	0.1	0.3	-	-	**89**	90
Malaysia, Penang	13.1	2.2	0.2	0.7	-	0.1	1.6	**398**	416
Malaysia, Sarawak	10.3	2.9	0.5	0.7	-	-	1.4	**632**	671
Oman: Omani	5.2	0.5	0.1	0.3	-	-	0.4	**104**	108 *
Pakistan, South Karachi	6.3	0.8	0.1	0.3	-	-	0.1	**157**	159 *
Philippines, Manila	10.9	2.2	0.7	4.5	0.0	0.0	1.5	**1770**	1966 *
Singapore	7.5	2.0	0.6	0.4	0.0	-	0.1	**1011**	1023
Singapore: Chinese	8.1	2.3	0.6	0.4	0.0	-	0.2	**899**	910
Singapore: Indian	5.1	0.6	0.2	0.2	0.2	-	-	**35**	35
Singapore: Malay	4.9	0.8	1.1	0.3	0.1	-	0.1	**77**	78
Thailand, Chiang Mai	23.7	3.7	0.5	0.2	-	0.0	0.8	**1265**	1297 *
Thailand, Lampang	16.4	3.9	0.5	0.1	-	-	1.5	**511**	546 *
Thailand, Songkhla	14.0	2.4	0.4	-	-	-	1.0	**543**	573
Turkey, Antalya	2.8	0.7	0.5	0.1	0.1	0.0	0.2	**126**	136 *
Turkey, Izmir	4.1	0.6	0.2	0.1	0.0	0.0	0.2	**451**	467 *
Europe									
Austria	6.3	0.9	0.2	0.9	0.0	0.0	0.3	**2555**	2644
Austria, Tyrol	9.9	1.3	0.3	0.3	-	0.0	0.1	**279**	285
Austria, Vorarlberg	4.6	1.3	0.2	0.5	-	-	0.2	**77**	82
Belarus	9.3	0.9	0.1	0.1	0.1	0.0	0.4	**3974**	4015 *
Belgium, Antwerp	5.2	0.9	0.2	0.2	0.0	0.0	0.0	**415**	419 *
Belgium, Flanders	5.5	1.1	0.3	1.2	0.0	0.0	0.7	**1404**	1503
Bulgaria	15.1	1.3	0.5	0.2	0.0	0.0	0.8	**4851**	5148 *
Croatia	7.2	0.9	0.2	1.8	-	0.0	1.4	**1682**	1920
Czech Republic	12.6	1.3	0.2	0.3	0.0	0.0	0.4	**5272**	5414
Denmark	8.1	1.7	0.4	0.2	0.0	0.0	0.1	**1962**	2019
Estonia	13.1	0.8	0.3	0.3	0.0	0.0	0.3	**757**	771
Finland *(data not available)*	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	6.4	1.2	0.3	0.2	-	0.1	-	**309**	312
France, Calvados	5.4	0.9	0.2	0.1	0.0	0.1	0.1	**165**	165
France, Doubs	6.4	1.1	0.1	0.2	-	-	-	**135**	135
France, Haut-Rhin	6.8	0.8	0.1	-	0.0	-	0.0	**200**	200
France, Herault	8.3	1.0	0.2	0.2	0.0	-	0.1	**327**	328
France, Isere	4.5	1.2	0.1	0.3	0.1	0.1	0.0	**236**	237
France, Loire-Atlantique	4.1	1.3	0.1	0.0	-	0.0	0.0	**240**	240
France, Manche	5.9	0.6	0.8	0.1	0.1	0.1	-	**149**	149
France, Somme	6.9	0.7	0.1	0.3	-	0.0	0.0	**158**	161
France, Tarn	6.0	1.2	0.2	0.1	-	-	0.1	**100**	100
France, Vendee	4.8	0.5	0.1	0.2	-	0.0	0.2	**110**	110
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	5.3	0.9	0.2	1.1	0.0	0.0	0.0	**475**	539
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	**-**	-
Germany, Munich	5.6	1.3	0.2	0.1	0.0	0.0	0.6	**653**	714
Germany, Northrhine-Westphalia: Munster	5.0	0.9	0.3	0.8	0.0	0.0	0.0	**672**	747
Germany, Saarland	7.7	1.1	0.4	0.6	-	-	0.0	**421**	426
Iceland	7.3	1.6	0.4	-	-	-	-	**74**	74
Ireland	6.4	1.1	0.2	0.1	0.0	0.0	0.2	**909**	930
Italy, Biella Province	6.2	1.4	0.3	-	-	-	-	**64**	64
Italy, Brescia Province	4.3	1.3	0.3	0.5	0.1	-	0.6	**154**	171
Italy, Ferrara Province	5.5	1.1	0.1	0.1	-	0.1	0.3	**102**	105
Italy, Florence and Prato	3.9	1.1	0.2	0.2	-	0.0	0.2	**266**	276
Italy, Genoa Province	5.3	1.5	0.0	0.5	-	0.0	0.2	**182**	195
Italy, Macerata Province	3.1	1.0	-	0.3	-	-	0.0	**32**	33
Italy, Milan	4.0	1.1	0.1	0.3	0.1	0.0	0.3	**272**	283
Italy, Modena Province	5.0	1.1	0.1	0.2	0.0	-	0.0	**172**	172
Italy, Naples	3.4	0.8	0.1	0.3	-	-	0.4	**76**	83
Italy, North East Cancer Surveillance Network	5.1	1.1	0.2	0.3	0.0	0.0	0.1	**576**	585
Italy, Parma Province	5.4	1.0	0.1	0.0	-	-	0.0	**105**	106
Italy, Ragusa Province	3.7	1.5	0.1	0.2	0.2	-	0.0	**64**	65
Italy, Reggio Emilia Province	4.8	1.1	-	-	-	-	0.2	**111**	113
Italy, Romagna Region	5.8	1.1	0.2	0.1	-	0.0	0.0	**306**	312
Italy, Salerno Province	3.9	0.3	0.1	0.7	-	0.0	0.7	**163**	183
Italy, Sassari Province	3.8	0.4	0.1	0.2	-	0.1	0.1	**76**	79
Italy, Sondrio	4.9	0.9	0.1	0.2	-	-	0.4	**45**	46
Italy, Syracuse Province	3.7	1.0	0.1	0.2	-	-	0.2	**59**	63
Italy, Torino	3.7	0.9	0.1	0.6	0.0	-	0.1	**240**	247
Italy, Umbria Region	3.4	0.7	0.0	0.5	0.1	-	0.3	**162**	179
Italy, Varese Province	3.7	0.9	0.2	0.3	0.2	-	0.3	**110**	112
Italy, Veneto Region	4.0	0.9	0.1	0.2	0.0	-	0.1	**349**	355
Latvia	8.5	0.8	0.1	0.3	0.1	-	0.7	**944**	980
Lithuania	14.3	1.4	0.1	0.9	0.0	0.0	2.2	**2235**	2400
Malta	3.0	0.4	-	0.2	0.1	0.0	0.1	**53**	54
Norway	7.8	1.6	0.4	0.2	0.0	0.0	0.0	**1518**	1524
Poland, Cracow	14.7	1.1	0.0	1.1	-	-	0.6	**481**	502 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	-
Poland, Warsaw City	10.6	0.9	0.3	0.4	-	0.0	0.3	**860**	871
Portugal, Porto	9.0	1.7	0.2	0.5	0.1	0.0	1.0	**1260**	1356 *
Portugal, South Regional	7.7	1.0	0.4	0.5	0.0	0.0	0.4	**998**	1033
Russia, St Petersburg	7.6	0.8	0.1	0.6	0.0	0.0	0.2	**1829**	1874

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Cervix uteri (C53) (Contd)

	Carcinoma				Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.				MV	Total
Europe (Contd)									
Serbia	20.6	1.7	0.3	0.7	0.1	0.0	2.1	**3782**	4149
Slovak Republic	12.6	1.4	0.4	0.2	0.0	0.0	0.4	**2575**	2664
Slovenia	11.3	1.7	1.2	0.1	0.0	0.0	0.1	**1004**	1007
Spain, Albacete	3.4	1.4	0.1	0.2	-	-	0.2	**50**	52
Spain, Asturias	5.6	1.0	0.2	0.2	0.0	0.0	0.1	**316**	323
Spain, Basque Country	3.6	1.0	0.2	0.1	-	0.0	0.1	**322**	324
Spain, Canary Islands	6.7	1.4	0.1	0.5	0.0	-	0.1	**407**	415
Spain, Cuenca	3.2	1.6	-	0.4	-	0.1	-	**36**	36
Spain, Girona	4.3	1.7	0.2	0.2	-	-	0.1	**127**	132
Spain, Granada	4.1	1.1	0.4	0.3	0.1	0.0	0.0	**165**	167
Spain, Murcia	4.6	0.9	0.1	0.7	0.0	0.1	0.3	**234**	244
Spain, Navarra	2.7	1.2	0.1	0.3	0.1	-	-	**86**	86
Spain, Tarragona	6.3	0.7	0.0	0.3	-	-	0.1	**128**	129
Spain, Zaragoza	3.2	0.5	0.2	0.1	0.0	-	0.1	**137**	141
Sweden	5.1	1.6	0.2	0.1	0.0	0.0	0.0	**2231**	2235
Switzerland, Geneva	2.6	1.2	0.2	-	-	0.0	-	**66**	66
Switzerland, Graubunden and Glarus	4.9	1.4	-	0.2	-	-	-	**58**	58
Switzerland, Neuchatel	2.8	0.7	-	-	-	-	-	**22**	22
Switzerland, St Gall-Appenzell	5.5	0.9	0.2	-	-	-	0.0	**117**	119
Switzerland, Ticino	5.0	1.1	0.2	0.1	-	-	-	**86**	86
Switzerland, Valais	3.0	1.0	0.3	-	-	-	0.0	**45**	46
Switzerland, Vaud	3.7	0.5	0.1	0.2	-	0.0	0.0	**108**	109
The Netherlands	4.3	1.1	0.3	0.2	0.0	0.0	0.0	**3368**	3380
The Netherlands, Eindhoven	3.6	0.7	0.3	0.2	-	0.0	0.0	**175**	177
The Netherlands, Maastricht	3.8	1.5	0.1	0.3	-	-	-	**191**	191
UK, England, East of England Region	3.7	1.3	0.2	0.1	0.0	0.0	-	**522**	536
UK, England, Merseyside and Cheshire	5.7	1.5	0.5	0.6	0.0	0.0	0.0	**678**	728
UK, England, North Western	6.3	1.4	0.5	0.5	0.0	0.0	0.0	**1224**	1289
UK, England, Northern And Yorkshire	6.7	1.4	0.6	0.5	0.0	0.0	0.0	**2018**	2081
UK, England, Oxford Region	2.8	1.0	0.2	0.1	0.0	0.0	0.0	**398**	407
UK, England, South and Western Regions	5.1	1.5	0.3	0.2	0.0	0.0	0.4	**1655**	1809
UK, England, Thames	3.6	1.2	0.3	0.5	0.0	0.0	0.1	**2603**	2842
UK, England, Trent	4.9	1.4	0.5	0.7	0.0	0.0	0.0	**1173**	1257
UK, England, West Midlands	5.6	1.6	0.6	0.3	0.0	0.0	0.0	**1403**	1448
UK, Northern Ireland	5.3	1.3	0.5	0.2	-	-	0.3	**389**	405
UK, Scotland	6.7	1.4	0.4	0.2	0.0	0.0	0.1	**1561**	1591
Oceania									
Australia, New South Wales	4.3	1.1	0.3	0.2	0.0	0.0	0.1	**1304**	1338
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-
Australia, Queensland	4.9	1.3	0.4	0.4	0.0	0.0	0.0	**744**	805
Australia, South	2.8	1.1	1.1	0.1	-	0.0	0.0	**259**	261
Australia, Tasmania	5.5	1.0	0.4	0.1	0.1	0.1	0.0	**107**	108
Australia, Victoria	3.4	1.2	0.3	0.1	0.0	0.0	0.1	**815**	837
Australia, Western	4.8	1.3	0.3	0.2	0.0	0.0	0.1	**401**	412
Australian Capital Territory	3.7	1.0	0.2	0.1	-	0.1	-	**49**	49
French Polynesia	12.1	1.2	0.3	1.4	0.2	-	0.4	**72**	73
New Zealand	6.1	1.2	0.5	0.1	0.0	0.0	0.1	**979**	993
USA, Hawaii	5.3	1.5	0.4	0.1	0.0	0.1	-	**298**	298
USA, Hawaii: Chinese	2.8	1.5	-	0.1	-	0.3	-	**16**	16
USA, Hawaii: Filipino	6.1	2.1	0.2	0.2	-	-	-	**56**	56
USA, Hawaii: Hawaiian	6.8	1.6	0.7	0.2	-	-	-	**56**	56
USA, Hawaii: Japanese	3.7	1.2	0.2	0.1	-	-	-	**47**	47
USA, Hawaii: White	5.3	1.7	0.5	0.0	-	0.1	-	**75**	75

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Corpus uteri (C54)

	Carcinoma			Sarcoma	Other	Unspec.	Number of cases		
	Adeno	Other	Unspec.				MV	Total	
Africa									
Algeria, Setif	0.5	0.5	0.1	0.1	-	-	**22**	22	*
Egypt, Gharbiah	1.9	0.0	0.1	0.2	0.5	0.0	**127**	127	
Tunisia, Centre, Sousse	2.3	-	0.1	0.5	0.4	0.1	**32**	32	*
Uganda, Kyadondo County	1.6	0.3	0.4	0.3	-	1.1	**26**	38	*
Zimbabwe, Harare: African	1.3	0.1	1.9	0.1	0.5	0.2	**31**	53	*
America, Central and South									
Argentina, Bahia Blanca	5.3	0.2	2.1	0.3	0.1	0.1	**76**	87	
Brazil, Brasilia	5.5	0.3	0.1	0.1	0.4	1.1	**172**	185	
Brazil, Cuiaba	1.8	0.1	-	0.1	-	-	**14**	14	
Brazil, Goiania	5.5	0.1	0.1	0.0	0.3	0.1	**106**	110	
Brazil, Sao Paulo	5.4	0.1	0.2	0.2	0.4	1.1	**1703**	2025	
Chile, Valdivia	2.5	0.6	0.1	0.6	0.8	0.3	**44**	48	
Colombia, Cali	4.4	0.2	0.2	0.2	0.6	0.3	**231**	247	
Costa Rica	5.6	0.2	0.2	0.1	0.3	0.8	**486**	548	
Ecuador, Quito	2.9	-	0.2	0.3	0.2	0.4	**111**	125	
France, La Martinique	4.8	0.3	0.4	0.5	-	0.2	**87**	91	
Peru, Trujillo	4.2	-	-	0.2	0.3	-	**47**	47	*
America, North									
Canada (excluding Quebec, Yukon and Nunavut)	13.6	0.1	0.1	0.3	0.9	0.4	**12749**	13240	
Canada, Alberta	15.4	0.1	0.1	0.3	0.8	0.0	**1560**	1569	
Canada, British Columbia	12.4	0.0	0.1	0.3	0.7	0.0	**2113**	2129	
Canada, Manitoba	17.1	0.2	0.2	0.2	1.1	0.1	**802**	808	
Canada, New Brunswick	13.0	0.1	0.0	0.1	0.7	0.0	**409**	410	
Canada, Newfoundland and Labrador	12.1	0.1	0.1	0.3	0.6	-	**259**	260	
Canada, Northwest Territories	2.0	-	-	-	-	-	**2**	2	
Canada, Nova Scotia	13.2	0.0	0.2	0.2	1.1	0.1	**553**	561	
Canada, Ontario	13.4	0.1	0.1	0.4	0.9	0.8	**6409**	6857	
Canada, Prince Edward Island	12.8	-	0.2	0.3	1.5	-	**84**	84	
Canada, Saskatchewan	13.8	0.1	0.2	0.2	0.6	0.0	**558**	560	
USA, Alabama	9.9	0.1	0.2	0.2	1.0	0.1	**2021**	2047	
USA, Alabama: Black	8.8	0.1	0.3	0.2	1.9	0.0	**421**	429	
USA, Alabama: White	10.2	0.1	0.1	0.2	0.7	0.1	**1557**	1574	
USA, Alaska	13.7	0.2	0.0	0.1	1.2	0.1	**235**	235	
USA, Arizona	11.5	0.1	0.3	0.1	0.7	0.0	**2416**	2436	
USA, California	13.8	0.4	0.2	0.4	1.0	0.0	**17842**	17933	
USA, California, Greater San Francisco Bay Area	14.9	0.2	0.2	0.4	0.9	0.0	**3843**	3857	
USA, California, Greater San Francisco Bay Area: Black	11.0	0.4	0.1	0.4	1.7	-	**215**	215	
USA, California, Greater San Francisco Bay Area: Chinese	8.3	0.2	0.0	0.3	0.5	0.1	**171**	171	
USA, California, Greater San Francisco Bay Area: Filipino	10.7	0.1	0.2	0.5	0.8	-	**140**	141	
USA, California, Greater San Francisco Bay Area: Hispanic White	11.1	0.3	0.2	0.2	0.8	0.1	**329**	330	
USA, California, Greater San Francisco Bay Area: Japanese	12.4	-	0.4	0.3	0.1	-	**60**	60	
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	17.2	0.2	0.2	0.5	1.0	0.0	**2707**	2719	
USA, California, Los Angeles County	13.5	0.7	0.1	0.5	1.2	0.0	**4798**	4814	
USA, California, Los Angeles County: Black	9.7	0.6	0.3	0.8	2.2	0.1	**439**	440	
USA, California, Los Angeles County: Chinese	7.8	0.5	-	0.3	0.3	-	**106**	106	
USA, California, Los Angeles County: Filipino	13.9	0.5	0.1	0.6	0.9	-	**164**	165	
USA, California, Los Angeles County: Hispanic White	10.1	0.5	0.1	0.5	1.1	-	**993**	995	
USA, California, Los Angeles County: Japanese	13.0	-	-	1.0	0.6	0.1	**83**	84	
USA, California, Los Angeles County: Korean	6.0	-	0.2	0.6	0.5	-	**50**	50	
USA, California, Los Angeles County: Non-Hispanic White	17.3	0.9	0.1	0.5	1.1	0.0	**2816**	2827	
USA, California: Asian and Pacific Islander	9.7	0.3	0.1	0.4	0.7	0.0	**1492**	1495	
USA, California: Black	9.5	0.5	0.2	0.5	1.9	0.1	**877**	879	
USA, California: Hispanic White	10.3	0.3	0.2	0.5	0.9	0.0	**2394**	2403	
USA, California: Non-hispanic White	15.8	0.4	0.2	0.4	0.9	0.0	**12844**	12921	
USA, Colorado	12.7	0.2	0.3	0.3	0.8	0.2	**1955**	1992	
USA, Connecticut	18.3	0.5	0.2	0.3	1.0	0.1	**2780**	2793	
USA, Connecticut: Black	10.1	0.7	0.4	0.5	1.9	0.1	**123**	124	
USA, Connecticut: White	19.1	0.5	0.2	0.3	1.0	0.1	**2616**	2628	
USA, District of Columbia	11.9	0.2	0.2	0.6	2.1	0.2	**335**	345	
USA, District of Columbia: Black	10.1	0.2	0.2	0.5	2.1	0.3	**208**	215	
USA, District of Columbia: White	13.7	-	0.2	0.7	2.2	-	**108**	110	
USA, Florida	12.7	0.2	0.4	0.3	0.9	0.1	**10591**	10691	
USA, Florida: Black	10.2	0.5	0.4	0.8	2.0	0.2	**939**	951	
USA, Florida: White	13.2	0.2	0.3	0.3	0.8	0.1	**9503**	9590	
USA, Georgia	11.2	0.2	0.2	0.3	1.0	0.1	**3466**	3500	
USA, Georgia, Atlanta	11.9	0.3	0.2	0.4	1.2	0.1	**1147**	1159	
USA, Georgia, Atlanta: Black	8.8	0.3	0.2	0.6	1.8	0.1	**271**	276	
USA, Georgia, Atlanta: White	13.6	0.3	0.2	0.3	0.9	0.0	**848**	855	
USA, Georgia: Black	9.4	0.3	0.2	0.5	1.6	0.1	**729**	739	
USA, Georgia: White	12.0	0.2	0.2	0.3	0.8	0.1	**2691**	2715	
USA, Idaho	14.1	0.1	0.3	0.3	0.7	0.1	**675**	686	
USA, Illinois	15.9	0.2	0.3	0.3	1.0	0.1	**7966**	8021	
USA, Illinois: Black	9.5	0.4	0.3	0.6	1.7	0.2	**745**	756	
USA, Illinois: White	16.9	0.2	0.2	0.3	0.9	0.0	**6956**	6999	
USA, Indiana	16.8	0.1	0.3	0.4	0.9	0.0	**4120**	4140	
USA, Iowa	18.4	0.2	0.1	0.3	1.1	0.1	**2302**	2326	
USA, Kentucky	14.4	0.3	0.2	0.2	0.9	0.0	**2420**	2441	
USA, Louisiana	10.7	0.2	0.1	0.3	1.0	0.0	**1990**	2012	
USA, Louisiana, New Orleans: Black	8.9	0.1	0.1	0.5	1.2	0.1	**144**	145	
USA, Louisiana, New Orleans: White	10.9	0.1	0.2	0.3	0.9	-	**284**	286	
USA, Louisiana: Black	9.1	0.3	0.3	0.5	1.7	0.1	**512**	521	
USA, Louisiana: White	11.5	0.1	0.1	0.3	0.7	0.0	**1458**	1471	
USA, Maine	19.8	0.3	0.2	0.3	1.2	0.1	**1096**	1115	
USA, Massachusetts	18.7	0.3	0.1	0.3	1.0	0.1	**4897**	4929	

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Corpus uteri (C54) (Contd)

	Carcinoma			Sarcoma	Other	Unspec.	Number of cases		
	Adeno	Other	Unspec.				MV	Total	
America, North (Contd)									
USA, Michigan	16.9	0.3	0.3	0.3	1.0	0.1	**6854**	6898	
USA, Michigan, Detroit	16.6	0.4	0.3	0.4	1.2	0.1	**2831**	2846	
USA, Michigan, Detroit: Black	11.5	0.5	0.3	0.5	2.0	0.1	**481**	485	
USA, Michigan, Detroit: White	18.3	0.4	0.3	0.3	1.1	0.0	**2319**	2330	
USA, Michigan: Black	11.3	0.5	0.3	0.4	1.8	0.1	**606**	611	
USA, Michigan: White	17.6	0.3	0.3	0.3	0.9	0.1	**6125**	6164	
USA, Missouri	15.7	0.2	0.2	0.3	1.1	0.1	**3800**	3828	
USA, Missouri: Black	10.8	0.2	0.3	0.2	2.3	0.0	**264**	268	
USA, Missouri: White	16.3	0.2	0.2	0.3	1.0	0.1	**3497**	3521	
USA, Montana	13.7	0.1	0.5	0.6	0.9	-	**545**	560	
USA, New Jersey	18.4	0.3	0.2	0.4	1.2	0.1	**6738**	6790	
USA, New Jersey: Black	11.5	0.3	0.3	0.7	1.7	0.3	**561**	575	
USA, New Jersey: White	19.9	0.3	0.2	0.4	1.1	0.1	**6001**	6039	
USA, New Mexico	11.7	0.3	0.3	0.3	0.7	0.1	**848**	864	
USA, New Mexico: American Indian	9.2	-	-	0.5	0.9	-	**50**	50	
USA, New Mexico: Hispanic White	9.2	0.3	0.2	0.4	0.5	0.1	**210**	215	
USA, New Mexico: Non-Hispanic White	13.4	0.3	0.4	0.3	0.8	0.0	**572**	582	
USA, New York state	16.8	0.5	0.4	0.4	1.2	0.1	**14037**	14221	
USA, New York state: Black	11.7	0.6	0.6	0.6	2.2	0.2	**1524**	1549	
USA, New York state: White	18.1	0.5	0.3	0.4	1.1	0.1	**12130**	12287	
USA, NPCR	14.9	0.3	0.3	0.3	1.0	0.1	**138265**	139510	
USA, NPCR: Black	9.8	0.4	0.3	0.5	1.8	0.1	**10512**	10674	
USA, NPCR: White	15.6	0.3	0.2	0.3	0.9	0.1	**122663**	123708	
USA, Ohio	17.4	0.2	0.3	0.3	0.8	0.1	**8299**	8369	
USA, Ohio: Black	9.7	0.2	0.4	0.7	1.2	0.2	**510**	523	
USA, Ohio: White	17.9	0.2	0.3	0.3	0.8	0.1	**7537**	7592	
USA, Oklahoma	10.9	0.2	0.3	0.2	0.6	0.3	**1662**	1706	
USA, Oregon	15.6	0.1	0.1	0.3	0.8	0.0	**2219**	2233	
USA, Pennsylvania	20.0	0.3	0.3	0.5	1.2	0.1	**11282**	11360	
USA, Pennsylvania: Black	10.0	0.5	0.3	0.7	2.0	0.1	**569**	578	
USA, Pennsylvania: White	20.9	0.3	0.2	0.4	1.1	0.0	**10496**	10565	
USA, Rhode Island	17.7	0.4	0.2	0.4	0.7	0.1	**820**	823	
USA, SEER (9 registries)	15.9	0.3	0.3	0.4	1.1	0.1	**16946**	17062	
USA, SEER (9 registries): Black	10.3	0.4	0.3	0.5	1.9	0.1	**1145**	1156	
USA, SEER (9 registries): White	16.9	0.3	0.2	0.4	1.0	0.1	**14401**	14502	
USA, SEER (14 registries)	14.8	0.3	0.2	0.4	1.0	0.0	**43352**	43641	
USA, SEER (14 registries): Asian and Pacific Islander	10.2	0.3	0.2	0.4	0.7	0.0	**2410**	2417	
USA, SEER (14 registries): Black	9.8	0.4	0.3	0.6	1.8	0.1	**3009**	3047	
USA, SEER (14 registries): Hispanic White	10.5	0.3	0.2	0.4	0.9	0.1	**3178**	3196	
USA, SEER (14 registries): Non-hispanic White	16.5	0.3	0.2	0.3	1.0	0.0	**34247**	34472	
USA, South Carolina	11.5	0.3	0.1	0.3	1.0	0.1	**2024**	2045	
USA, South Carolina: Black	10.5	0.4	0.2	0.5	2.1	0.1	**513**	519	
USA, South Carolina: White	11.9	0.2	0.1	0.2	0.6	0.1	**1470**	1484	
USA, Texas	11.0	0.4	0.2	0.2	0.8	0.1	**8380**	8506	
USA, Texas: Black	8.6	0.6	0.3	0.4	1.6	0.2	**756**	775	
USA, Texas: White	11.3	0.4	0.2	0.2	0.7	0.1	**7424**	7526	
USA, Utah	14.9	0.1	0.1	0.5	0.9	0.0	**986**	990	
USA, Vermont	19.8	0.2	0.1	0.2	1.0	0.1	**505**	511	
USA, Washington State	16.2	0.2	0.3	0.4	0.9	0.0	**3753**	3778	
USA, Washington, Seattle	16.4	0.2	0.4	0.5	0.9	0.0	**2592**	2608	
USA, West Virginia	18.0	0.2	0.3	0.5	0.8	0.0	**1504**	1516	
USA, Wisconsin	17.2	0.2	0.2	0.2	0.9	0.1	**3723**	3771	
Asia									
Bahrain: Bahraini	4.0	-	0.6	0.2	0.5	-	**33**	33	
China, Guangzhou City	4.7	0.1	0.8	0.2	0.2	0.3	**324**	370	*
China, Hong Kong	7.5	0.0	0.2	0.2	0.6	0.2	**1816**	1848	
China, Jiashan	0.8	-	0.1	0.1	-	-	**12**	14	*
China, Nangang District, Harbin City	-	-	-	-	-	2.8	**62**	70	
China, Shanghai	1.0	0.0	0.0	0.0	0.1	4.9	**1271**	1358	*
China, Zhongshan	9.0	0.1	1.2	0.1	0.4	-	**358**	359	*
Cyprus	10.1	0.6	0.1	0.4	0.5	0.0	**281**	282	*
India, Chennai (Madras)	1.4	0.1	0.2	0.0	0.0	0.3	**147**	171	
India, Karunagappally	0.5	-	-	0.1	0.5	-	**10**	10	
India, Mumbai (Bombay)	2.3	0.1	0.1	0.0	0.2	0.1	**526**	547	
India, Nagpur	1.7	0.3	0.1	-	0.0	0.2	**84**	90	*
India, New Delhi	1.7	0.2	1.2	0.0	0.1	0.5	**545**	623	*
India, Poona	-	-	-	-	-	1.9	**107**	117	*
India, Trivandrum	2.3	-	0.1	0.0	0.3	0.0	**81**	82	*
Israel	11.0	0.2	0.4	0.4	0.9	0.2	**2292**	2363	
Israel: Jews	11.2	0.2	0.4	0.4	0.9	0.1	**2141**	2187	
Israel: Non-Jews	8.1	0.1	0.2	0.3	0.4	-	**138**	139	
Japan, Aichi Prefecture	4.3	0.0	0.0	0.2	0.2	0.5	**192**	202	
Japan, Fukui Prefecture	3.3	0.0	0.0	0.0	0.3	0.2	**144**	145	
Japan, Hiroshima	6.5	0.1	0.1	0.3	0.2	0.0	**305**	312	
Japan, Miyagi Prefecture	5.0	0.2	0.1	0.0	0.2	0.4	**531**	588	
Japan, Nagasaki Prefecture	6.1	0.0	0.1	0.2	0.4	-	**451**	463	
Japan, Osaka Prefecture	2.6	0.0	0.1	0.1	0.1	0.4	**1121**	1263	
Japan, Yamagata Prefecture	4.8	0.1	0.1	0.2	0.3	0.2	**302**	316	
Korea	2.2	0.1	0.1	0.1	0.3	0.1	**3069**	3157	
Korea, Busan	1.9	0.1	-	0.2	0.2	0.1	**270**	274	
Korea, Daegu	2.0	0.1	0.0	0.1	0.4	0.0	**190**	190	
Korea, Daejeon	2.4	0.1	0.0	0.1	0.5	0.3	**111**	116	
Korea, Gwangju	1.7	-	0.1	0.1	0.1	0.1	**73**	77	
Korea, Incheon	2.5	0.0	0.0	0.1	0.2	0.1	**183**	188	

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Corpus uteri (C54) (Contd)

	Carcinoma			Sarcoma	Other	Unspec.	Number of cases		
	Adeno	Other	Unspec.				MV	Total	
Asia (Contd)									
Korea, Jejudo	2.3	0.1	-	-	0.1	0.1	**23**	24	
Korea, Seoul	2.7	0.1	0.1	0.1	0.3	0.1	**950**	972	
Korea, Ulsan	1.7	0.2	0.1	0.1	0.1	0.2	**45**	49	
Kuwait: Kuwaitis	2.8	0.3	-	0.1	0.5	-	**42**	42	
Kuwait: Non-Kuwaitis	3.4	0.2	-	0.1	0.6	-	**29**	29	
Malaysia, Penang	5.0	0.1	0.1	0.1	0.1	0.3	**127**	129	
Malaysia, Sarawak	2.3	0.2	0.2	0.1	0.1	0.2	**115**	118	
Oman: Omani	0.4	0.2	0.1	-	0.2	-	**13**	14	*
Pakistan, South Karachi	5.6	0.2	0.1	0.4	0.4	-	**129**	130	*
Philippines, Manila	7.7	0.2	0.8	0.1	0.5	0.7	**794**	876	*
Singapore	7.8	0.1	0.1	0.4	0.8	0.1	**859**	867	
Singapore: Chinese	8.0	0.1	0.1	0.4	0.8	0.1	**728**	734	
Singapore: Indian	6.5	-	-	0.6	0.5	0.2	**45**	46	
Singapore: Malay	6.8	0.1	0.1	0.5	1.1	0.1	**86**	87	
Thailand, Chiang Mai	3.0	-	-	0.3	0.2	0.1	**138**	140	*
Thailand, Lampang	2.1	0.1	-	0.0	0.2	0.7	**54**	73	*
Thailand, Songkhla	2.4	0.1	0.0	0.1	0.3	0.1	**89**	90	
Turkey, Antalya	5.7	0.3	0.1	0.3	0.5	0.3	**206**	215	*
Turkey, Izmir	5.5	0.1	0.1	0.2	0.5	0.0	**546**	548	*
Europe									
Austria	10.6	0.2	0.6	0.4	0.5	0.2	**4698**	4778	
Austria, Tyrol	10.6	0.0	0.1	0.9	1.0	0.0	**369**	371	
Austria, Vorarlberg	11.4	0.1	0.5	0.9	1.3	0.4	**196**	202	
Belarus	11.0	1.6	0.1	0.7	0.4	0.4	**5649**	5719	*
Belgium, Antwerp	10.4	0.2	0.1	0.2	0.8	0.0	**915**	917	*
Belgium, Flanders	11.0	0.1	0.9	0.2	0.6	0.2	**2762**	2892	
Bulgaria	13.5	0.2	0.3	0.3	0.5	0.5	**5198**	5420	*
Croatia	9.2	0.1	0.9	0.4	0.3	1.2	**2329**	2582	
Czech Republic	16.2	0.3	0.2	0.4	0.6	0.3	**8058**	8224	
Denmark	11.2	0.1	0.1	0.6	0.4	0.1	**2975**	3079	
Estonia	12.3	0.1	0.3	0.9	0.7	0.3	**923**	939	
Finland *(data not available)*	-	-	-	-	-	-	**-**	-	
France, Bas-Rhin	12.2	0.0	0.1	0.2	0.6	0.0	**559**	563	
France, Calvados	8.1	0.2	0.1	0.1	0.6	0.1	**274**	276	
France, Doubs	9.3	0.4	0.1	0.5	0.3	0.1	**228**	232	
France, Haut-Rhin	12.1	0.1	0.2	0.3	0.4	-	**390**	393	
France, Herault	8.6	0.2	0.2	0.6	0.5	0.1	**436**	442	
France, Isere	9.0	0.0	0.0	0.4	0.5	0.1	**438**	446	
France, Loire-Atlantique	7.2	0.1	0.1	0.2	0.4	0.0	**401**	401	
France, Manche	7.6	0.1	0.1	0.4	0.5	-	**205**	205	
France, Somme	9.9	0.1	0.3	0.2	0.8	0.1	**289**	295	
France, Tarn	9.8	-	-	0.2	0.3	0.1	**197**	200	
France, Vendee	7.1	0.1	0.1	0.4	0.7	0.3	**230**	235	
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	**-**	-	
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	**-**	-	
Germany, Hamburg	5.5	0.0	0.7	0.1	0.2	0.0	**559**	620	
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	**-**	-	
Germany, Munich	11.5	0.2	0.1	0.2	0.4	0.3	**1489**	1544	
Germany, Northrhine-Westphalia: Munster	9.8	0.1	0.6	0.1	0.4	-	**1347**	1407	
Germany, Saarland	11.9	0.1	0.5	0.3	0.4	0.1	**804**	809	
Iceland	11.3	-	0.1	0.3	0.8	0.1	**120**	122	
Ireland	8.1	0.3	0.3	0.1	0.5	0.2	**1177**	1219	
Italy, Biella Province	11.9	0.1	0.2	0.6	0.2	0.0	**143**	144	
Italy, Brescia Province	9.1	0.2	0.1	0.3	1.3	0.9	**344**	361	
Italy, Ferrara Province	12.4	-	-	0.4	0.4	0.1	**273**	276	
Italy, Florence and Prato	11.3	0.1	0.2	0.4	1.4	0.3	**790**	820	
Italy, Genoa Province	8.5	0.1	0.0	0.4	0.7	0.3	**334**	349	
Italy, Macerata Province	9.5	0.6	0.4	-	0.3	0.4	**98**	105	
Italy, Milan	9.8	0.1	0.0	0.5	0.5	0.2	**683**	701	
Italy, Modena Province	14.2	0.0	0.1	0.8	0.7	0.2	**486**	492	
Italy, Naples	6.5	0.9	0.5	0.0	0.3	0.6	**142**	155	
Italy, North East Cancer Surveillance Network	9.5	0.2	0.2	0.2	0.5	0.3	**1154**	1182	
Italy, Parma Province	13.6	0.4	-	0.4	0.4	0.3	**335**	350	
Italy, Ragusa Province	10.9	0.1	0.1	0.1	0.8	0.3	**159**	164	
Italy, Reggio Emilia Province	11.6	0.1	0.1	0.5	0.7	0.4	**296**	307	
Italy, Romagna Region	10.5	0.2	0.1	0.4	0.6	0.5	**622**	650	
Italy, Salerno Province	7.9	0.4	0.1	0.4	0.2	0.8	**323**	353	
Italy, Sassari Province	10.5	0.2	-	0.9	0.7	0.1	**253**	256	
Italy, Sondrio	12.9	0.2	0.1	0.7	0.4	0.0	**114**	115	
Italy, Syracuse Province	11.4	0.2	0.2	0.6	1.2	0.3	**184**	187	
Italy, Torino	9.8	0.1	0.3	0.4	0.7	0.2	**600**	614	
Italy, Umbria Region	11.1	0.1	0.2	0.6	0.1	0.9	**521**	571	
Italy, Varese Province	10.7	0.1	0.2	0.5	0.8	0.2	**304**	315	
Italy, Veneto Region	10.0	0.1	0.1	0.3	0.8	0.2	**899**	919	
Latvia	14.0	0.3	0.3	1.0	0.3	0.5	**1806**	1856	
Lithuania	13.5	0.6	0.4	0.4	0.3	1.2	**2322**	2424	
Malta	15.3	0.1	0.1	0.2	0.7	0.1	**250**	252	
Norway	12.6	0.0	0.2	0.5	0.8	0.1	**2731**	2760	*
Poland, Cracow	12.8	0.2	0.5	0.5	0.4	0.5	**462**	485	
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	
Poland, Warsaw City	11.2	-	0.0	0.4	0.4	0.4	**996**	1012	
Portugal, Porto	5.9	0.1	0.1	0.4	0.4	0.1	**859**	874	*
Portugal, South Regional	7.9	0.1	0.1	0.4	0.6	0.2	**1218**	1246	
Russia, St Petersburg	12.0	0.1	0.2	0.6	0.4	0.6	**2998**	3184	

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Corpus uteri (C54) (Contd)

	Carcinoma			Sarcoma	Other	Unspec.	Number of cases	
	Adeno	Other	Unspec.				MV	Total
Europe (Contd)								
Serbia	9.5	0.9	0.2	0.6	0.3	0.6	**2184**	2349
Slovak Republic	15.3	0.1	0.2	0.4	0.7	0.3	**3310**	3409
Slovenia	15.4	0.1	0.1	0.1	0.5	0.1	**1399**	1402
Spain, Albacete	8.9	-	0.1	0.1	0.9	0.5	**127**	141
Spain, Asturias	9.3	0.1	0.1	0.3	0.5	0.1	**566**	575
Spain, Basque Country	10.2	0.1	0.0	0.2	0.7	0.1	**876**	901
Spain, Canary Islands	10.2	0.1	0.0	0.2	0.7	0.3	**574**	597
Spain, Cuenca	10.6	0.4	0.5	-	0.2	0.2	**111**	115
Spain, Girona	11.8	0.0	-	0.2	0.6	0.2	**307**	314
Spain, Granada	12.3	0.1	0.1	0.6	0.4	0.1	**440**	448
Spain, Murcia	10.6	0.1	0.1	0.9	0.4	0.1	**511**	522
Spain, Navarra	12.5	-	0.3	0.5	1.2	0.1	**340**	347
Spain, Tarragona	10.9	0.1	0.1	0.4	0.8	0.4	**257**	269
Spain, Zaragoza	9.7	0.1	0.1	0.5	0.3	0.0	**436**	442
Sweden	14.4	0.0	0.1	0.0	0.1	0.0	**6402**	6404
Switzerland, Geneva	10.2	0.0	0.1	0.4	0.4	-	**228**	228
Switzerland, Graubunden and Glarus	9.9	-	0.3	0.0	0.5	-	**108**	108
Switzerland, Neuchatel	15.4	-	0.1	0.5	0.7	0.1	**140**	142
Switzerland, St Gall-Appenzell	10.8	-	-	0.3	0.7	0.1	**258**	262
Switzerland, Ticino	8.9	-	-	0.1	0.5	-	**160**	160
Switzerland, Valais	11.9	0.1	0.2	-	0.7	0.1	**148**	150
Switzerland, Vaud	11.2	0.1	0.0	0.5	0.7	0.1	**344**	346
The Netherlands	10.2	0.0	0.0	0.3	0.6	0.0	**7576**	7601
The Netherlands, Eindhoven	10.8	0.1	0.0	0.3	0.7	-	**487**	487
The Netherlands, Maastricht	11.5	-	0.0	0.5	0.5	0.0	**504**	507
UK, England, East of England Region	11.0	0.0	0.3	0.2	0.6	0.0	**1469**	1522
UK, England, Merseyside and Cheshire	8.7	0.2	0.4	0.2	0.6	0.0	**1021**	1087
UK, England, North Western	8.8	0.1	0.4	0.2	0.6	0.0	**1768**	1843
UK, England, Northern And Yorkshire	8.6	0.1	0.2	0.0	0.4	0.0	**2705**	2785
UK, England, Oxford Region	9.2	0.0	0.3	0.1	0.6	0.0	**1082**	1114
UK, England, South and Western Regions	9.1	0.2	0.3	0.2	0.6	0.8	**3307**	3646
UK, England, Thames	8.1	0.1	0.6	0.3	0.6	0.1	**5406**	5776
UK, England, Trent	9.4	0.1	0.6	0.1	0.6	0.0	**2279**	2381
UK, England, West Midlands	10.0	0.0	0.4	0.2	0.6	0.0	**2569**	2635
UK, Northern Ireland	8.2	0.0	0.3	0.4	0.7	0.1	**604**	618
UK, Scotland	8.8	0.1	0.2	0.1	0.6	0.1	**2212**	2291
Oceania								
Australia, New South Wales	8.2	0.0	0.2	0.2	0.6	0.0	**2210**	2237
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-
Australia, Queensland	9.9	0.0	0.1	0.4	0.8	0.0	**1394**	1418
Australia, South	11.2	0.1	0.1	0.4	0.5	0.1	**731**	751
Australia, Tasmania	7.4	-	0.1	0.5	0.6	0.1	**160**	164
Australia, Victoria	9.9	0.4	0.2	0.3	0.6	0.1	**2017**	2052
Australia, Western	7.9	0.1	0.2	0.2	0.6	0.1	**574**	593
Australian Capital Territory	7.2	-	0.5	0.2	0.9	-	**80**	81
French Polynesia	10.5	0.3	0.3	0.6	1.0	0.3	**57**	58
New Zealand	9.4	0.1	0.1	0.4	0.8	0.1	**1446**	1473
USA, Hawaii	16.7	0.3	0.5	0.4	1.1	0.0	**803**	806
USA, Hawaii: Chinese	10.5	0.3	0.4	0.9	1.0	-	**46**	46
USA, Hawaii: Filipino	14.2	0.2	0.4	0.5	1.5	0.1	**111**	111
USA, Hawaii: Hawaiian	24.1	0.5	1.3	0.5	1.6	-	**158**	158
USA, Hawaii: Japanese	17.4	0.4	0.2	0.5	1.1	0.0	**214**	216
USA, Hawaii: White	17.6	0.1	0.5	0.2	1.0	0.0	**207**	208

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Ovary (C56)

	Carcinoma							sex cord	Germ	Other	Unsp.	Number of cases	
	Serous	Mucin.	Endom.	Clear	Adeno.	Oth.	Unsp.	stromal	cell			MV	Total
Africa													
Algeria, Setif	0.6	0.5	-	0.0	0.6	0.3	-	0.1	-	-	0.1	**49**	53 *
Egypt, Gharbiah	1.2	0.7	0.3	0.1	0.6	0.1	0.5	0.3	0.3	0.2	0.8	**256**	290
Tunisia, Centre, Sousse	1.5	0.3	0.3	-	0.6	0.1	-	0.3	0.1	-	-	**33**	34 *
Uganda, Kyadondo County	-	-	-	-	2.6	0.6	0.4	-	0.3	0.1	4.0	**56**	114 *
Zimbabwe, Harare: African	0.6	0.6	0.2	-	0.6	0.1	1.8	0.6	0.4	0.2	1.7	**66**	122 *
America, Central and South													
Argentina, Bahia Blanca	2.2	0.5	0.3	-	1.0	0.8	3.0	0.0	0.3	0.2	0.9	**73**	97
Brazil, Brasilia	1.6	0.9	1.2	-	2.1	0.6	0.7	0.1	0.4	0.1	3.3	**282**	331
Brazil, Cuiaba	1.0	0.2	0.1	-	1.9	0.8	0.4	-	0.2	0.1	1.6	**40**	52
Brazil, Goiania	0.8	0.6	0.3	0.3	3.0	0.4	0.3	0.1	0.1	0.0	0.6	**120**	126
Brazil, Sao Paulo	1.8	0.8	2.1	0.1	1.9	0.6	0.7	0.1	0.4	0.1	2.9	**2379**	3197
Chile, Valdivia	1.7	0.4	2.2	0.5	0.6	0.4	0.5	0.6	0.5	-	1.2	**69**	81
Colombia, Cali	2.4	0.9	0.8	0.2	0.8	0.3	0.6	0.2	0.4	0.1	2.8	**310**	426
Costa Rica	1.4	0.7	0.4	0.2	0.6	0.1	0.3	0.1	0.5	0.1	1.7	**357**	483
Ecuador, Quito	1.1	0.4	0.4	0.1	1.6	0.6	0.3	0.3	0.3	0.1	1.2	**171**	207
France, La Martinique	0.7	0.5	0.3	0.3	1.4	0.3	0.7	0.1	0.2	0.1	0.7	**65**	70
Peru, Trujillo	1.3	0.6	0.4	0.4	1.5	1.1	0.2	-	0.4	-	0.1	**67**	68 *
America, North													
Canada (excluding Quebec, Yukon and Nunavut)	3.5	0.7	1.0	0.6	1.4	0.2	0.3	0.1	0.4	0.3	0.9	**7084**	8326
Canada, Alberta	3.5	0.5	1.3	0.6	1.0	0.1	0.3	0.1	0.4	0.2	0.2	**754**	815
Canada, British Columbia	3.8	0.4	0.9	0.7	1.1	0.2	0.5	0.1	0.3	0.2	0.2	**1258**	1365
Canada, Manitoba	3.1	1.0	1.2	0.7	1.4	0.3	0.6	0.0	0.5	0.3	0.3	**382**	428
Canada, New Brunswick	4.3	0.6	1.1	0.3	1.2	0.2	0.4	0.1	0.6	0.3	0.3	**255**	283
Canada, Newfoundland and Labrador	3.3	1.0	0.8	0.4	0.6	0.0	0.2	0.1	0.3	0.2	0.3	**128**	137
Canada, Northwest Territories	1.4	-	1.3	-	1.2	-	-	-	-	-	-	**4**	4
Canada, Nova Scotia	2.9	1.1	1.2	0.5	1.5	0.2	0.2	-	0.4	0.3	0.5	**308**	342
Canada, Ontario	3.5	0.7	1.0	0.6	1.7	0.2	0.3	0.1	0.3	0.3	1.5	**3654**	4580
Canada, Prince Edward Island	3.2	0.5	1.4	0.5	0.5	0.2	0.1	-	1.1	0.4	0.2	**43**	46
Canada, Saskatchewan	3.1	0.6	0.9	0.6	1.3	0.1	0.3	0.1	0.3	0.3	0.3	**298**	326
USA, Alabama	3.3	0.6	1.6	0.2	1.8	0.2	0.5	0.2	0.3	0.2	0.5	**1528**	1721
USA, Alabama: Black	2.1	0.3	0.7	0.0	1.4	0.2	0.5	0.4	0.4	0.2	0.6	**227**	270
USA, Alabama: White	3.7	0.6	1.9	0.3	1.9	0.2	0.5	0.1	0.3	0.2	0.5	**1283**	1431
USA, Alaska	2.8	0.6	1.3	0.2	1.5	0.1	0.7	0.1	0.3	0.1	0.6	**122**	129
USA, Arizona	3.2	0.7	1.1	0.4	1.6	0.3	0.5	0.1	0.2	0.2	0.4	**1566**	1702
USA, California	3.8	0.8	1.2	0.5	1.5	0.4	0.6	0.1	0.4	0.3	0.2	**10617**	11298
USA, California, Greater San Francisco Bay Area	4.0	0.8	1.1	0.6	1.4	0.3	0.6	0.1	0.6	0.3	0.1	**2158**	2275
USA, California, Greater San Francisco Bay Area: Black	2.2	0.9	0.2	0.2	1.4	0.0	0.5	0.2	0.7	0.5	0.2	**111**	121
USA, California, Greater San Francisco Bay Area: Chinese	1.6	0.5	1.5	0.9	1.1	0.5	0.2	-	1.0	0.5	0.0	**128**	130
USA, California, Greater San Francisco Bay Area: Filipino	1.9	1.0	1.0	0.9	0.7	0.2	0.6	0.1	0.4	0.2	0.1	**80**	83
USA, California, Greater San Francisco Bay Area: Hispanic White	3.5	0.6	1.0	0.4	0.9	0.3	0.6	0.1	0.8	0.3	0.0	**218**	226
USA, California, Greater San Francisco Bay Area: Japanese	2.0	1.1	1.4	0.6	1.1	0.7	0.1	-	-	0.8	-	**31**	31
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	4.9	0.8	1.2	0.6	1.6	0.4	0.7	0.1	0.4	0.3	0.1	**1472**	1562
USA, California, Los Angeles County	3.6	0.8	1.3	0.5	1.3	0.6	0.5	0.2	0.5	0.3	0.2	**2812**	2961
USA, California, Los Angeles County: Black	1.9	0.6	0.5	0.2	1.1	0.4	0.7	0.3	0.4	0.1	0.3	**194**	216
USA, California, Los Angeles County: Chinese	2.3	1.1	1.1	0.9	0.8	0.7	0.5	-	0.6	0.1	0.1	**99**	104
USA, California, Los Angeles County: Filipino	3.2	1.2	1.6	0.7	0.5	0.5	0.4	0.1	0.1	0.1	0.2	**81**	86
USA, California, Los Angeles County: Hispanic White	2.9	0.7	1.1	0.5	1.5	0.4	0.5	0.2	0.5	0.3	0.2	**710**	739
USA, California, Los Angeles County: Japanese	3.3	0.2	2.2	2.0	1.0	0.6	0.2	-	0.2	-	-	**52**	52
USA, California, Los Angeles County: Korean	2.4	1.1	0.6	-	0.9	0.3	-	0.1	0.4	0.2	-	**40**	40
USA, California, Los Angeles County: Non-Hispanic White	4.7	0.8	1.6	0.6	1.4	0.8	0.5	0.2	0.5	0.4	0.2	**1550**	1633
USA, California: Asian and Pacific Islander	2.2	0.8	1.1	0.7	0.9	0.4	0.4	0.1	0.5	0.2	0.1	**960**	996
USA, California: Black	2.0	0.7	0.4	0.2	1.3	0.2	0.6	0.2	0.4	0.2	0.3	**433**	478
USA, California: Hispanic White	3.0	0.7	1.1	0.3	1.5	0.4	0.5	0.1	0.5	0.3	0.2	**1693**	1758
USA, California: Non-hispanic White	4.5	0.8	1.4	0.5	1.6	0.5	0.6	0.1	0.4	0.3	0.2	**7450**	7981
USA, Colorado	4.2	0.8	1.3	0.5	1.4	0.3	0.5	0.1	0.3	0.3	0.5	**1349**	1467
USA, Connecticut	4.0	0.6	1.4	0.6	1.4	0.3	0.6	0.2	0.3	0.3	0.2	**1312**	1412
USA, Connecticut: Black	0.9	0.1	0.4	0.1	1.5	0.2	0.5	0.3	0.5	0.3	-	**42**	45
USA, Connecticut: White	4.3	0.7	1.5	0.7	1.4	0.3	0.6	0.2	0.2	0.3	0.2	**1245**	1340
USA, District of Columbia	3.0	0.6	1.0	0.5	1.3	0.7	0.4	0.2	0.2	0.5	0.7	**170**	193
USA, District of Columbia: Black	3.0	0.3	0.4	0.3	1.8	0.5	0.3	0.3	0.3	0.6	0.7	**104**	123
USA, District of Columbia: White	3.1	1.0	1.4	0.7	0.3	1.4	0.3	-	0.1	0.2	0.8	**55**	59
USA, Florida	3.7	0.8	0.9	0.3	2.0	0.3	0.8	0.1	0.4	0.3	0.5	**6765**	7411
USA, Florida: Black	1.9	0.5	0.4	0.1	1.6	0.4	0.7	0.2	0.4	0.3	0.7	**441**	510
USA, Florida: White	4.0	0.8	0.9	0.4	2.0	0.3	0.9	0.1	0.4	0.3	0.5	**6245**	6817
USA, Georgia	3.5	0.6	1.0	0.3	1.9	0.3	0.7	0.2	0.2	0.2	0.5	**2313**	2573
USA, Georgia, Atlanta	3.9	0.6	1.2	0.4	2.1	0.3	0.7	0.1	0.2	0.3	0.3	**797**	843
USA, Georgia, Atlanta: Black	2.5	0.5	0.7	0.1	2.3	0.2	0.7	0.2	0.3	0.3	0.5	**185**	206
USA, Georgia, Atlanta: White	4.5	0.6	1.4	0.5	2.0	0.3	0.7	0.0	0.1	0.2	0.2	**587**	612
USA, Georgia: Black	1.9	0.5	0.5	0.1	1.8	0.2	0.8	0.3	0.3	0.2	0.6	**407**	477
USA, Georgia: White	4.0	0.6	1.1	0.4	1.9	0.3	0.7	0.1	0.2	0.2	0.5	**1871**	2061
USA, Idaho	3.4	0.6	1.2	0.5	1.5	0.5	0.7	0.1	0.3	0.2	0.4	**401**	440
USA, Illinois	3.7	0.8	1.2	0.5	1.7	0.3	0.5	0.2	0.4	0.3	0.3	**4195**	4556
USA, Illinois: Black	1.8	0.4	0.6	0.1	2.0	0.2	0.5	0.3	0.5	0.2	0.4	**362**	417
USA, Illinois: White	4.1	0.9	1.3	0.5	1.6	0.3	0.5	0.2	0.4	0.3	0.3	**3688**	3987
USA, Indiana	3.6	0.8	1.2	0.5	1.8	0.2	0.5	0.2	0.3	0.2	0.2	**2063**	2204
USA, Iowa	4.2	0.9	1.3	0.4	1.3	0.3	0.5	0.1	0.5	0.3	0.4	**1158**	1275
USA, Kentucky	3.2	0.8	1.2	0.4	1.8	0.4	0.6	0.2	0.3	0.3	0.5	**1354**	1516
USA, Louisiana	2.7	0.7	0.8	0.2	2.1	0.5	0.6	0.2	0.4	0.2	0.4	**1311**	1438
USA, Louisiana, New Orleans: Black	1.6	0.3	0.8	0.1	2.5	0.3	0.7	0.4	0.3	0.5	0.4	**95**	106
USA, Louisiana, New Orleans: White	2.9	0.7	1.1	0.2	3.0	0.5	0.4	0.4	0.2	0.3	0.3	**221**	234
USA, Louisiana: Black	1.9	0.6	0.5	0.1	1.9	0.4	0.7	0.2	0.4	0.2	0.5	**285**	322
USA, Louisiana: White	3.1	0.8	1.0	0.2	2.2	0.5	0.5	0.2	0.4	0.2	0.3	**1021**	1111
USA, Maine	4.4	0.5	1.1	0.5	1.3	0.1	0.4	0.1	0.5	0.3	0.3	**489**	538
USA, Massachusetts	4.4	0.8	1.5	0.7	1.2	0.4	0.3	0.1	0.3	0.4	0.4	**2445**	2656

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Ovary (C56) (Contd)

	Carcinoma							sex cord	Germ	Other	Unsp.	Number of cases		
	Serous	Mucin.	Endom.	Clear	Adeno.	Oth.	Unsp.	stromal	cell			MV	Total	
America, North (Contd)														
USA, Michigan	4.0	0.7	1.2	0.5	1.4	0.3	0.5	0.3	0.3	0.3	0.4	**3441**	3771	
USA, Michigan, Detroit	3.8	0.7	1.3	0.4	1.4	0.4	0.8	0.3	0.3	0.4	0.2	**1454**	1586	
USA, Michigan, Detroit: Black	2.1	0.6	0.5	0.1	1.4	0.2	0.8	0.6	0.4	0.3	0.3	**231**	258	
USA, Michigan, Detroit: White	4.3	0.8	1.6	0.6	1.5	0.5	0.8	0.3	0.2	0.4	0.2	**1210**	1313	
USA, Michigan: Black	2.2	0.5	0.6	0.2	1.4	0.3	0.7	0.5	0.4	0.3	0.4	**302**	336	
USA, Michigan: White	4.3	0.8	1.3	0.5	1.4	0.4	0.5	0.2	0.3	0.3	0.4	**3094**	3385	
USA, Missouri	3.5	0.7	1.4	0.4	1.5	0.3	0.3	0.2	0.3	0.3	0.4	**1914**	2101	
USA, Missouri: Black	2.5	0.5	0.4	0.2	1.0	0.1	0.2	0.3	0.3	0.4	0.4	**116**	131	
USA, Missouri: White	3.6	0.7	1.5	0.5	1.5	0.3	0.3	0.2	0.3	0.3	0.4	**1778**	1950	
USA, Montana	5.4	0.8	1.2	0.4	1.4	0.3	0.8	0.1	0.3	0.1	0.1	**353**	394	
USA, New Jersey	4.1	1.0	1.4	0.5	2.1	0.4	0.6	0.2	0.5	0.4	0.5	**3643**	3942	
USA, New Jersey: Black	2.1	0.8	0.6	0.2	1.6	0.4	0.6	0.5	0.3	0.3	0.9	**282**	320	
USA, New Jersey: White	4.5	1.0	1.6	0.5	2.2	0.4	0.6	0.2	0.5	0.4	0.5	**3221**	3473	
USA, New Mexico	3.6	0.7	0.9	0.4	1.4	0.4	0.6	0.1	0.3	0.4	0.4	**554**	602	
USA, New Mexico: American Indian	2.9	1.0	0.7	0.3	2.9	0.5	1.1	0.3	-	0.3	0.9	**40**	47	
USA, New Mexico: Hispanic White	2.9	0.7	1.1	0.3	1.1	0.5	0.5	0.1	0.2	0.3	0.2	**153**	166	
USA, New Mexico: Non-Hispanic White	4.2	0.6	0.8	0.4	1.4	0.4	0.7	0.0	0.6	0.5	0.5	**354**	382	
USA, New York state	4.3	0.8	1.2	0.5	1.6	0.4	0.8	0.2	0.5	0.3	0.4	**7413**	8177	
USA, New York state: Black	2.5	0.6	0.7	0.2	1.3	0.3	0.9	0.4	0.5	0.3	0.3	**740**	818	
USA, New York state: White	4.7	0.8	1.3	0.6	1.6	0.4	0.8	0.2	0.4	0.3	0.4	**6402**	7068	
USA, NPCR	3.8	0.7	1.2	0.4	1.6	0.3	0.6	0.2	0.4	0.3	0.4	**77255**	84293	
USA, NPCR: Black	2.1	0.5	0.5	0.1	1.4	0.3	0.6	0.3	0.4	0.3	0.5	**5209**	5946	
USA, NPCR: White	4.1	0.8	1.3	0.5	1.6	0.4	0.6	0.1	0.4	0.3	0.4	**69131**	75272	
USA, Ohio	3.5	0.7	1.1	0.4	1.6	0.2	0.6	0.2	0.3	0.2	0.4	**3856**	4229	
USA, Ohio: Black	2.1	0.5	0.4	0.0	1.2	0.1	0.3	0.2	0.4	0.2	0.5	**228**	255	
USA, Ohio: White	3.6	0.7	1.2	0.5	1.7	0.2	0.6	0.2	0.3	0.2	0.4	**3543**	3886	
USA, Oklahoma	3.5	0.6	1.1	0.3	1.6	0.3	0.5	0.2	0.2	0.3	1.0	**1133**	1302	
USA, Oregon	4.3	0.5	1.3	0.5	1.4	0.2	0.6	0.1	0.3	0.4	0.3	**1222**	1325	
USA, Pennsylvania	4.1	0.9	1.4	0.6	1.5	0.4	0.6	0.2	0.4	0.3	0.3	**5211**	5647	
USA, Pennsylvania: Black	2.1	0.6	0.5	0.2	0.8	0.3	0.7	0.3	0.5	0.5	0.3	**270**	301	
USA, Pennsylvania: White	4.3	0.9	1.5	0.6	1.6	0.4	0.6	0.2	0.4	0.3	0.3	**4812**	5213	
USA, Rhode Island	4.6	0.6	1.3	0.6	1.1	0.2	0.5	0.1	0.4	0.3	0.2	**405**	426	
USA, SEER (9 registries)	4.1	0.7	1.2	0.5	1.4	0.3	0.7	0.2	0.4	0.3	0.2	**9194**	9907	
USA, SEER (9 registries): Black	2.2	0.6	0.5	0.1	1.6	0.2	0.7	0.4	0.4	0.3	0.3	**597**	657	
USA, SEER (9 registries): White	4.5	0.7	1.3	0.6	1.5	0.4	0.7	0.1	0.4	0.3	0.2	**7866**	8477	
USA, SEER (14 registries)	3.8	0.8	1.2	0.5	1.6	0.4	0.6	0.2	0.4	0.3	0.3	**24727**	26634	
USA, SEER (14 registries): Asian and Pacific Islander	2.3	0.7	1.1	0.6	0.9	0.4	0.4	0.1	0.5	0.2	0.2	**1451**	1518	
USA, SEER (14 registries): Black	2.0	0.6	0.5	0.2	1.6	0.3	0.7	0.3	0.4	0.2	0.4	**1574**	1762	
USA, SEER (14 registries): Hispanic White	3.0	0.7	1.0	0.3	1.5	0.4	0.5	0.2	0.5	0.3	0.2	**2237**	2344	
USA, SEER (14 registries): Non-hispanic White	4.3	0.8	1.4	0.5	1.7	0.4	0.6	0.1	0.4	0.3	0.3	**19235**	20761	
USA, South Carolina	3.6	0.7	0.9	0.3	1.3	0.2	0.4	0.2	0.3	0.3	0.4	**1232**	1361	
USA, South Carolina: Black	2.3	0.5	0.4	0.1	1.2	0.1	0.6	0.5	0.4	0.1	0.6	**222**	273	
USA, South Carolina: White	4.0	0.7	1.1	0.4	1.3	0.3	0.4	0.1	0.2	0.3	0.3	**993**	1069	
USA, Texas	3.2	0.6	0.9	0.3	1.4	0.4	0.5	0.2	0.4	0.3	0.5	**5409**	5991	
USA, Texas: Black	2.1	0.5	0.6	0.1	1.2	0.4	0.3	0.3	0.4	0.3	0.6	**414**	478	
USA, Texas: White	3.4	0.6	0.9	0.3	1.4	0.4	0.5	0.2	0.4	0.3	0.5	**4860**	5358	
USA, Utah	3.9	0.7	1.5	0.6	1.0	0.3	0.5	0.1	0.3	0.4	0.3	**562**	601	
USA, Vermont	3.6	0.7	1.4	0.8	1.3	0.1	0.2	0.2	0.3	0.4	0.3	**210**	223	
USA, Washington State	5.0	0.6	1.3	0.5	1.6	0.3	0.8	0.1	0.4	0.4	0.2	**2244**	2414	
USA, Washington, Seattle	5.2	0.7	1.3	0.5	1.5	0.3	0.8	0.1	0.5	0.4	0.2	**1554**	1670	
USA, West Virginia	3.7	0.7	1.4	0.3	1.6	0.6	0.8	0.2	0.3	0.2	0.5	**731**	831	
USA, Wisconsin	4.2	0.8	1.4	0.6	1.5	0.3	0.5	0.2	0.3	0.2	0.7	**1939**	2179	
Asia														
Bahrain: Bahraini	1.1	-	0.9	0.1	2.8	0.1	0.9	0.6	0.5	-	0.3	**42**	49	
China, Guangzhou City	1.2	0.5	0.3	0.0	1.1	0.1	1.4	0.0	0.3	0.1	0.4	**240**	322	*
China, Hong Kong	0.7	0.4	0.4	0.3	0.2	0.1	0.0	0.1	0.3	0.1	0.2	**569**	616	
China, Jiashan	0.6	1.0	0.1	-	1.5	0.1	-	0.1	0.2	0.1	-	**47**	47	*
China, Nangang District, Harbin City	-	-	-	-	-	-	-	-	-	-	5.2	**110**	133	
China, Shanghai	0.2	0.1	0.2	0.1	0.4	0.1	0.0	0.0	0.1	0.0	5.8	**1338**	1634	*
China, Zhongshan	0.6	0.8	0.1	0.1	0.6	0.2	-	0.1	0.2	0.1	1.3	**125**	139	*
Cyprus	3.0	0.7	0.8	0.3	1.6	0.5	0.2	0.5	0.3	0.2	0.1	**185**	190	*
India, Chennai (Madras)	0.5	0.2	0.1	0.1	1.8	0.2	0.8	0.1	0.2	0.0	2.0	**351**	559	
India, Karunagappally	1.1	0.9	0.1	-	1.6	0.1	0.1	-	0.4	-	0.5	**41**	45	
India, Mumbai (Bombay)	1.0	0.5	0.3	0.0	2.3	0.6	0.2	0.1	0.3	0.1	1.8	**1177**	1541	
India, Nagpur	0.2	0.2	0.0	0.0	4.2	0.4	0.1	0.1	0.1	-	1.1	**259**	282	*
India, New Delhi	0.6	0.4	0.1	0.0	2.0	0.4	3.7	0.0	0.2	0.0	1.9	**1467**	1802	*
India, Poona	-	-	-	-	-	-	-	-	-	-	6.8	**323**	443	*
India, Trivandrum	1.5	0.8	0.7	0.2	0.8	0.1	0.1	-	0.2	-	0.4	**144**	148	*
Israel	4.0	0.5	1.2	0.2	1.4	0.2	0.7	0.0	0.4	0.2	0.8	**1498**	1741	
Israel: Jews	4.3	0.5	1.3	0.2	1.4	0.2	0.7	0.0	0.4	0.2	0.6	**1434**	1617	
Israel: Non-Jews	1.2	0.1	0.3	0.0	0.8	0.1	0.1	-	0.3	0.0	0.6	**53**	64	
Japan, Aichi Prefecture	1.8	0.9	0.7	0.7	0.7	0.1	-	-	0.5	0.1	0.8	**199**	232	
Japan, Fukui Prefecture	2.6	0.9	0.8	0.4	0.3	0.1	-	-	0.3	0.1	1.2	**192**	239	
Japan, Hiroshima	2.2	1.5	0.7	1.2	0.8	0.0	0.4	0.1	0.7	0.1	-	**293**	313	
Japan, Miyagi Prefecture	1.2	0.8	0.7	1.2	0.9	0.1	0.2	0.1	0.4	0.1	1.2	**506**	668	
Japan, Nagasaki Prefecture	1.6	0.9	0.9	0.8	0.7	0.2	0.8	0.0	0.7	0.1	0.0	**370**	448	
Japan, Osaka Prefecture	1.2	0.6	0.4	0.5	0.6	0.1	0.0	0.0	0.3	0.1	1.4	**1435**	1994	
Japan, Yamagata Prefecture	1.5	0.6	0.6	0.7	0.9	0.1	0.1	0.0	0.2	0.1	1.2	**263**	352	
Korea	1.4	0.7	0.4	0.2	0.4	0.2	0.1	0.1	0.5	0.1	0.7	**4596**	5334	
Korea, Busan	1.5	0.8	0.4	0.2	0.5	0.1	0.2	0.1	0.5	0.1	0.7	**495**	565	
Korea, Daegu	1.4	0.8	0.4	0.3	0.4	0.2	0.2	0.1	0.6	0.2	0.5	**313**	340	
Korea, Daejeon	1.6	0.3	0.4	0.2	0.7	0.1	0.1	0.2	0.4	0.0	0.7	**148**	167	
Korea, Gwangju	1.4	0.9	0.4	0.1	0.6	0.1	0.4	0.1	0.4	0.1	0.8	**163**	186	
Korea, Incheon	1.5	0.9	0.5	0.3	0.4	0.1	0.1	0.1	0.4	0.1	1.1	**283**	354	

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Ovary (C56) (Contd)

	Carcinoma							sex cord	Germ	Other	Unsp.	Number of cases		
	Serous	Mucin.	Endom.	Clear	Adeno.	Oth.	Unsp.	stromal	cell			MV	Total	
Asia (Contd)														
Korea, Jejudo	1.0	0.6	0.3	0.1	0.5	0.1	0.2	0.1	0.8	0.1	0.7	**37**	43	
Korea, Seoul	1.7	0.7	0.6	0.3	0.5	0.2	0.1	0.2	0.5	0.1	0.9	**1398**	1618	
Korea, Ulsan	1.6	0.7	0.3	0.1	0.5	0.2	0.2	0.3	0.8	0.3	0.7	**104**	116	
Kuwait: Kuwaitis	1.2	0.4	0.6	0.1	1.1	0.3	0.7	0.0	0.2	-	0.7	**51**	64	
Kuwait: Non-Kuwaitis	1.8	0.4	0.9	0.1	1.2	0.2	0.4	0.1	0.1	0.1	0.3	**58**	60	
Malaysia, Penang	1.7	1.2	1.0	0.9	1.8	0.4	0.2	0.2	0.7	0.1	1.4	**208**	230	
Malaysia, Sarawak	0.9	1.6	0.2	0.2	1.7	0.4	0.2	0.1	0.5	0.1	0.9	**262**	289	
Oman: Omani	1.0	0.9	0.5	-	1.4	0.3	0.6	-	0.4	0.2	0.7	**98**	111	*
Pakistan, South Karachi	2.0	1.3	0.5	0.1	2.7	0.5	0.5	0.3	0.4	0.2	0.1	**195**	201	*
Philippines, Manila	1.7	1.6	1.8	0.5	1.0	0.2	1.3	0.0	0.6	0.2	2.9	**826**	1133	*
Singapore	2.4	0.8	1.4	1.3	0.7	0.1	0.1	0.0	0.7	0.2	0.3	**736**	771	
Singapore: Chinese	2.4	0.8	1.4	1.4	0.7	0.1	0.1	0.0	0.6	0.1	0.3	**594**	619	
Singapore: Indian	3.1	0.4	1.6	0.3	0.4	0.2	-	-	0.4	-	0.6	**41**	44	
Singapore: Malay	2.2	0.7	2.0	1.3	1.4	0.2	-	-	1.0	0.7	0.7	**101**	108	
Thailand, Chiang Mai	1.0	1.3	1.0	0.8	0.4	0.0	-	0.2	0.5	0.1	0.4	**223**	235	*
Thailand, Lampang	0.9	0.9	0.5	0.4	0.5	0.1	0.0	0.1	0.4	0.1	1.4	**90**	124	*
Thailand, Songkhla	1.7	1.7	0.3	0.4	0.5	0.1	0.1	0.1	0.3	0.0	0.4	**167**	178	
Turkey, Antalya	2.0	0.6	1.3	0.2	0.6	0.1	0.2	0.2	0.4	0.1	0.4	**180**	195	*
Turkey, Izmir	2.0	0.4	0.6	0.3	0.3	0.1	0.2	0.1	0.3	0.2	0.4	**406**	425	*
Europe														
Austria	3.2	0.8	0.9	0.1	2.8	0.4	1.4	0.2	0.4	0.2	0.9	**3710**	4153	
Austria, Tyrol	6.4	1.5	1.5	0.2	1.1	0.2	0.3	0.1	0.2	0.2	0.5	**310**	338	
Austria, Vorarlberg	3.4	0.9	1.2	0.2	1.1	0.1	1.5	-	-	0.1	0.9	**112**	128	
Belarus	1.7	0.5	0.2	0.1	3.6	1.1	0.2	0.6	0.5	0.1	1.8	**3816**	4081	*
Belgium, Antwerp	3.5	1.0	0.9	0.5	1.4	0.2	0.3	0.2	0.0	0.2	0.1	**610**	622	*
Belgium, Flanders	3.4	0.9	0.8	0.4	2.1	0.3	1.3	0.2	0.3	0.2	0.5	**1918**	2208	
Bulgaria	1.3	1.1	0.4	0.3	2.8	2.0	0.4	0.5	0.3	0.1	2.1	**2900**	3729	*
Croatia	2.2	1.0	1.1	0.0	2.9	0.3	2.3	0.1	0.3	0.1	2.9	**1929**	2529	
Czech Republic	4.4	1.5	1.6	0.3	2.0	0.9	0.7	0.4	0.3	0.2	1.3	**5182**	5834	
Denmark	5.6	1.5	1.4	0.7	2.2	0.2	0.3	0.3	0.3	0.4	0.3	**2835**	2984	
Estonia	5.6	1.3	0.4	0.3	1.1	0.4	0.7	0.6	0.4	0.1	1.4	**735**	784	
Finland *(data not available)*	-	-	-	-	-	-	-	-	-	-	-	**-**	-	
France, Bas-Rhin	5.7	1.1	0.3	0.2	1.1	0.2	0.4	0.2	0.3	0.1	0.3	**379**	398	
France, Calvados	3.4	1.0	1.4	0.4	1.5	0.2	0.2	-	0.2	0.3	0.3	**237**	246	
France, Doubs	3.7	1.0	0.6	0.3	2.1	0.5	0.4	0.1	0.2	0.2	0.2	**178**	191	
France, Haut-Rhin	3.5	1.4	0.7	0.1	4.1	0.6	0.6	0.1	0.2	0.1	0.5	**311**	336	
France, Herault	3.6	0.9	0.4	0.2	2.7	0.4	0.3	0.1	0.2	0.2	0.2	**360**	371	
France, Isere	3.9	0.9	0.8	0.4	1.4	0.1	0.3	0.1	0.4	0.1	0.3	**359**	378	
France, Loire-Atlantique	2.6	0.6	0.5	0.2	2.1	0.2	0.1	0.0	0.2	0.3	0.1	**304**	311	
France, Manche	5.6	0.9	1.4	0.2	1.2	0.6	0.1	0.0	-	0.1	0.0	**230**	232	
France, Somme	3.6	0.9	1.1	0.0	1.7	0.5	0.1	0.1	0.1	0.2	0.6	**180**	199	
France, Tarn	2.9	0.6	0.5	0.4	1.4	0.5	0.1	0.2	0.3	0.0	0.2	**120**	129	
France, Vendee	1.7	0.6	0.6	0.3	1.6	0.2	0.5	-	0.4	0.1	0.6	**155**	165	
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	-	-	-	-	**-**	-	
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	-	-	-	-	**-**	-	
Germany, Hamburg	2.6	0.6	0.6	0.1	2.1	0.5	2.7	0.1	0.1	0.1	0.2	**638**	861	
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	-	-	-	-	**-**	-	
Germany, Munich	5.3	0.8	1.1	0.3	0.8	0.3	0.3	0.2	0.4	0.3	1.3	**1046**	1267	
Germany, Northrhine-Westphalia: Munster	3.0	1.0	0.7	0.1	2.6	0.4	2.7	0.2	0.3	0.1	0.1	**1145**	1402	
Germany, Saarland	3.8	1.1	0.8	0.2	1.8	0.1	0.7	0.1	0.5	0.1	0.7	**503**	560	
Iceland	6.1	0.7	0.4	0.7	0.8	0.4	0.9	-	0.2	0.2	0.3	**102**	105	
Ireland	3.7	1.3	0.9	0.4	2.7	0.4	0.6	0.1	0.2	0.3	1.2	**1319**	1531	
Italy, Biella Province	2.7	0.6	0.5	0.2	3.4	0.3	0.2	-	0.3	0.3	0.7	**88**	96	
Italy, Brescia Province	2.8	0.6	1.6	0.4	0.4	0.7	0.8	0.1	0.7	0.2	1.0	**214**	243	
Italy, Ferrara Province	2.5	0.4	0.8	0.2	1.8	0.7	0.3	0.0	0.1	0.2	0.8	**134**	163	
Italy, Florence and Prato	3.9	0.9	1.1	0.4	0.9	0.1	0.8	0.1	0.2	0.1	1.6	**481**	593	
Italy, Genoa Province	3.3	1.0	1.9	0.2	1.7	0.1	0.4	0.2	0.5	0.2	0.7	**269**	308	
Italy, Macerata Province	1.9	0.4	0.9	-	2.2	0.5	0.6	-	-	0.1	1.8	**66**	82	
Italy, Milan	3.3	0.5	1.1	0.3	1.5	0.2	0.5	0.1	0.3	0.1	1.1	**468**	574	
Italy, Modena Province	3.0	0.6	1.1	0.3	1.5	0.8	0.8	0.1	0.1	0.1	0.9	**264**	310	
Italy, Naples	1.5	0.7	0.6	0.1	1.5	0.6	0.5	0.1	0.5	0.2	1.3	**106**	127	
Italy, North East Cancer Surveillance Network	2.4	0.9	0.7	0.4	2.5	0.4	0.5	0.1	0.2	0.2	0.4	**830**	881	
Italy, Parma Province	3.5	0.7	0.6	0.5	3.3	0.7	1.0	0.1	-	0.3	1.2	**227**	268	
Italy, Ragusa Province	3.1	1.0	0.8	0.2	0.5	0.7	-	-	0.7	0.1	2.5	**90**	107	
Italy, Reggio Emilia Province	3.2	0.8	0.2	0.2	2.3	-	0.5	0.1	0.1	0.2	1.5	**172**	209	
Italy, Romagna Region	2.9	0.8	1.4	0.4	1.6	0.0	0.5	0.0	0.4	0.2	1.2	**394**	482	
Italy, Salerno Province	1.7	0.9	0.5	0.0	1.6	0.3	0.5	0.2	0.3	0.1	2.1	**221**	297	
Italy, Sassari Province	2.0	1.5	0.6	0.1	1.5	0.2	0.3	0.1	0.1	0.3	1.2	**130**	161	
Italy, Sondrio	3.8	1.3	0.9	0.2	2.4	0.5	0.4	0.2	-	0.3	1.0	**80**	95	
Italy, Syracuse Province	3.1	0.5	0.6	0.2	1.5	0.8	0.5	0.1	0.3	-	0.7	**97**	110	
Italy, Torino	3.1	0.8	1.0	0.3	1.7	0.2	0.9	0.0	0.3	0.3	1.0	**413**	483	
Italy, Umbria Region	3.0	0.6	0.5	0.2	2.2	0.3	0.8	0.1	0.5	0.1	1.5	**330**	420	
Italy, Varese Province	4.4	0.7	0.7	0.3	2.1	0.1	0.6	-	0.2	0.1	1.2	**217**	252	
Italy, Veneto Region	2.7	0.7	0.7	0.2	1.7	0.2	0.6	0.0	0.2	0.2	0.8	**582**	680	
Latvia	1.8	0.7	0.2	0.1	5.8	1.6	0.4	0.4	0.3	0.1	1.8	**1241**	1405	
Lithuania	0.8	0.5	0.3	0.1	7.3	1.4	0.6	0.4	0.3	0.1	2.7	**1825**	2120	
Malta	2.7	1.7	1.1	0.9	2.2	0.2	0.4	0.1	0.4	0.3	0.8	**144**	159	
Norway	6.0	1.1	1.5	0.6	1.8	0.2	0.3	0.2	0.5	0.3	0.3	**2202**	2343	
Poland, Cracow	0.3	0.1	0.4	-	8.6	0.5	2.1	0.0	0.3	0.1	2.5	**390**	473	*
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	-	-	-	**-**	-	
Poland, Warsaw City	3.3	1.1	1.4	0.3	1.6	0.3	0.7	0.3	0.2	0.2	1.0	**707**	797	
Portugal, Porto	1.4	0.6	0.2	0.2	0.8	0.1	0.3	0.0	0.4	0.1	0.2	**452**	477	*
Portugal, South Regional	1.8	0.7	0.5	0.2	1.3	0.3	0.5	0.1	0.3	0.2	1.3	**736**	902	
Russia, St Petersburg	4.4	0.7	0.8	0.2	1.2	0.1	0.9	0.5	0.3	0.1	2.5	**1938**	2547	

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Ovary (C56) (Contd)

	Carcinoma							sex cord	Germ	Other	Unsp.	Number of cases	
	Serous	Mucin.	Endom.	Clear	Adeno.	Oth.	Unsp.	stromal	cell			MV	Total
Europe (Contd)													
Serbia	1.6	0.9	0.6	0.0	3.3	0.7	0.2	0.4	0.4	0.1	1.2	**1458**	1720
Slovak Republic	3.8	1.3	1.1	0.4	1.4	0.8	0.5	0.3	0.3	0.2	1.0	**1896**	2140
Slovenia	4.9	0.6	1.4	0.3	1.1	0.1	0.3	0.1	0.4	0.2	0.3	**804**	818
Spain, Albacete	1.9	1.2	0.3	0.4	0.9	0.0	0.5	-	0.4	0.2	0.5	**68**	77
Spain, Asturias	3.6	0.8	3.0	0.7	1.4	0.3	0.5	0.0	0.5	0.1	0.5	**553**	600
Spain, Basque Country	2.4	1.0	1.3	0.3	1.4	0.4	0.3	0.1	0.2	0.2	0.5	**516**	581
Spain, Canary Islands	2.4	1.3	0.6	0.3	1.0	0.2	0.6	0.1	0.6	0.1	0.7	**343**	388
Spain, Cuenca	2.2	0.5	1.5	0.4	0.9	0.3	0.6	0.4	0.8	0.0	0.8	**64**	81
Spain, Girona	2.8	0.3	1.0	1.0	1.2	-	0.4	-	0.3	0.1	0.8	**165**	195
Spain, Granada	2.0	1.0	1.5	0.3	1.3	0.4	0.3	0.1	0.4	0.2	0.6	**224**	256
Spain, Murcia	2.5	1.1	0.9	0.3	1.5	0.3	0.5	0.1	0.2	0.2	0.7	**298**	338
Spain, Navarra	4.0	0.9	1.3	0.5	1.1	0.2	0.1	-	0.5	0.2	0.3	**197**	214
Spain, Tarragona	3.3	0.7	0.8	0.8	1.1	0.2	0.2	0.2	0.2	0.2	0.7	**145**	167
Spain, Zaragoza	2.0	0.9	1.3	0.5	0.9	0.3	0.5	-	0.2	0.1	0.5	**236**	264
Sweden	4.3	1.1	1.4	0.6	1.6	0.2	0.4	0.4	0.4	0.2	0.0	**3984**	3989
Switzerland, Geneva	4.7	1.0	0.5	0.2	1.3	0.1	0.4	0.2	0.2	0.1	0.4	**171**	185
Switzerland, Graubunden and Glarus	6.7	1.5	0.8	0.1	1.2	0.1	0.2	0.3	-	0.3	0.5	**100**	111
Switzerland, Neuchatel	3.4	0.9	1.0	0.5	2.1	0.2	1.0	-	0.9	-	0.5	**73**	82
Switzerland, St Gall-Appenzell	4.4	0.8	0.3	0.1	2.9	0.4	0.0	0.2	0.1	0.3	0.2	**212**	224
Switzerland, Ticino	3.6	0.6	1.7	1.0	0.8	0.3	0.5	0.3	0.3	-	0.1	**122**	128
Switzerland, Valais	5.0	0.7	0.8	0.1	2.2	0.8	0.3	-	0.4	0.1	0.3	**119**	128
Switzerland, Vaud	5.0	0.4	0.7	0.7	1.0	0.1	0.5	0.1	0.3	0.1	0.3	**238**	256
The Netherlands	3.2	1.1	1.0	0.4	2.2	0.2	0.1	0.2	0.3	0.3	0.2	**5760**	5946
The Netherlands, Eindhoven	3.4	1.3	1.1	0.2	2.5	0.2	0.1	0.3	0.5	0.2	0.2	**382**	392
The Netherlands, Maastricht	3.3	1.4	1.0	0.4	1.8	0.2	0.1	0.4	0.4	0.3	0.1	**342**	345
UK, England, East of England Region	4.5	1.1	1.0	0.6	2.5	0.2	1.5	0.2	0.2	0.3	0.0	**1317**	1543
UK, England, Merseyside and Cheshire	2.6	1.3	1.1	0.4	3.2	0.4	2.1	0.0	0.4	0.3	0.1	**1027**	1294
UK, England, North Western	2.9	1.0	1.8	0.7	2.1	0.2	1.6	0.0	0.4	0.3	0.1	**1602**	1963
UK, England, Northern And Yorkshire	3.5	1.3	1.5	0.7	2.2	0.2	0.8	0.1	0.3	0.4	0.5	**2707**	3399
UK, England, Oxford Region	4.1	0.8	1.7	0.7	2.3	0.1	1.2	0.1	0.4	0.3	0.1	**1104**	1246
UK, England, South and Western Regions	3.7	1.2	1.0	0.5	2.7	0.2	1.4	0.1	0.3	0.3	1.3	**3227**	4131
UK, England, Thames	3.0	1.0	0.8	0.4	2.8	0.3	2.1	0.1	0.3	0.3	0.6	**5335**	6896
UK, England, Trent	3.5	1.0	1.3	0.6	2.1	0.2	1.9	0.1	0.3	0.3	0.3	**1960**	2494
UK, England, West Midlands	3.3	1.1	1.2	0.7	2.8	0.2	1.2	0.1	0.3	0.4	0.5	**2370**	2789
UK, Northern Ireland	4.0	2.5	1.5	0.8	1.7	1.1	0.7	0.3	0.4	0.2	1.5	**787**	905
UK, Scotland	3.5	1.1	1.4	0.6	2.0	0.3	0.8	0.1	0.3	0.4	0.6	**2308**	2656
Oceania													
Australia, New South Wales	3.6	0.7	0.7	0.5	1.0	0.1	0.4	0.0	0.4	0.3	0.2	**1794**	1967
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-	-	-	-	-
Australia, Queensland	3.6	1.0	0.9	0.5	0.9	0.1	0.5	0.1	0.4	0.3	0.1	**925**	1035
Australia, South	3.2	0.6	0.8	0.3	1.4	0.2	0.3	0.2	0.4	0.3	0.3	**436**	494
Australia, Tasmania	4.2	0.4	0.8	0.4	0.7	0.1	0.2	-	0.3	0.3	0.5	**135**	148
Australia, Victoria	3.2	0.6	0.8	0.5	1.2	0.3	0.2	0.1	0.4	0.3	0.5	**1343**	1515
Australia, Western	3.8	0.3	0.5	0.4	1.0	0.2	0.4	0.1	0.4	0.2	0.2	**459**	500
Australian Capital Territory	3.7	0.7	0.6	0.2	1.1	0.2	1.0	-	0.5	0.4	0.2	**74**	84
French Polynesia	2.4	0.9	1.2	0.2	2.1	-	0.5	-	0.2	0.2	0.6	**36**	36
New Zealand	3.4	0.9	0.9	0.5	1.3	0.2	0.4	0.2	0.6	0.3	0.6	**1146**	1262
USA, Hawaii	3.2	0.6	1.0	0.6	1.1	0.2	0.4	0.2	0.7	0.3	0.4	**353**	381
USA, Hawaii: Chinese	1.5	0.2	-	1.6	1.1	0.1	0.5	0.1	-	0.3	0.2	**21**	24
USA, Hawaii: Filipino	3.3	0.5	1.8	0.5	0.8	-	0.4	0.2	0.7	0.2	0.2	**56**	59
USA, Hawaii: Hawaiian	3.0	1.0	0.5	-	0.8	0.4	0.4	0.4	1.0	1.0	0.3	**48**	50
USA, Hawaii: Japanese	2.8	0.7	1.9	1.1	1.0	0.2	0.4	0.2	1.3	0.1	0.5	**104**	111
USA, Hawaii: White	4.7	0.5	0.8	0.1	1.5	0.3	0.4	-	0.2	0.3	0.6	**100**	110

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type

Testis (C62)

	Germ cell			Other	Unspec.	Number of cases	
	Seminoma	Spermatocytic seminoma	Non-seminomatous			MV	Total
Africa							
Algeria, Setif	0.1	0.0	-	0.1	-	**6**	6 *
Egypt, Gharbiah	0.2	0.1	0.1	0.0	0.0	**32**	33
Tunisia, Centre, Sousse	0.3	-	0.1	-	-	**5**	5 *
Uganda, Kyadondo County	0.3	-	-	0.2	0.1	**5**	7 *
Zimbabwe, Harare: African	0.0	0.0	0.0	0.3	0.1	**8**	16 *
America, Central and South							
Argentina, Bahia Blanca	2.2	-	1.7	1.0	0.6	**38**	40
Brazil, Brasilia	0.2	-	0.2	0.2	1.0	**40**	49
Brazil, Cuiaba	0.5	-	0.3	0.3	-	**10**	10
Brazil, Goiania	0.7	0.0	0.5	0.1	0.0	**33**	34
Brazil, Sao Paulo	1.1	0.0	0.8	0.1	0.6	**566**	740
Chile, Valdivia	3.8	0.1	4.2	0.2	0.4	**84**	86
Colombia, Cali	1.3	-	0.8	0.1	0.2	**107**	115
Costa Rica	1.0	0.1	1.2	0.1	0.3	**248**	276
Ecuador, Quito	1.8	0.1	1.5	0.1	0.4	**136**	147
France, La Martinique	0.6	0.1	0.2	0.2	0.2	**11**	13
Peru, Trujillo	1.6	-	1.1	-	-	**38**	38 *
America, North							
Canada (excluding Quebec, Yukon and Nunavut)	2.4	0.0	2.0	0.1	0.1	**2948**	3034
Canada, Alberta	2.7	0.0	2.4	0.1	0.0	**448**	451
Canada, British Columbia	2.4	0.0	2.0	0.1	0.0	**515**	520
Canada, Manitoba	2.6	0.1	2.3	0.0	-	**152**	153
Canada, New Brunswick	1.8	-	1.6	0.2	-	**76**	76
Canada, Newfoundland and Labrador	1.6	-	0.9	-	-	**39**	39
Canada, Northwest Territories	1.5	-	1.5	-	-	**4**	4
Canada, Nova Scotia	2.7	0.0	1.9	-	-	**115**	115
Canada, Ontario	2.4	0.0	1.9	0.1	0.2	**1432**	1508
Canada, Prince Edward Island	2.7	-	1.9	0.4	0.1	**18**	19
Canada, Saskatchewan	2.7	0.0	2.7	0.1	-	**149**	149
USA, Alabama	2.2	0.0	1.4	0.1	0.0	**439**	443
USA, Alabama: Black	0.8	0.0	0.2	0.2	-	**33**	34
USA, Alabama: White	2.7	0.0	1.8	0.1	0.0	**398**	401
USA, Alaska	2.4	0.2	2.6	0.1	0.1	**98**	98
USA, Arizona	2.6	0.1	2.0	0.1	0.0	**660**	665
USA, California	2.5	0.0	2.1	0.1	0.0	**4562**	4585
USA, California, Greater San Francisco Bay Area	2.6	0.0	2.0	0.1	0.0	**922**	926
USA, California, Greater San Francisco Bay Area: Black	1.1	-	1.1	0.1	-	**31**	31
USA, California, Greater San Francisco Bay Area: Chinese	1.3	-	0.3	0.1	-	**24**	25
USA, California, Greater San Francisco Bay Area: Filipino	0.5	-	0.5	-	-	**8**	8
USA, California, Greater San Francisco Bay Area: Hispanic White	2.1	-	1.5	0.1	-	**164**	164
USA, California, Greater San Francisco Bay Area: Japanese	3.4	-	0.8	-	-	**13**	13
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	3.6	0.0	2.9	0.1	0.0	**637**	640
USA, California, Los Angeles County	2.1	0.0	1.9	0.1	0.0	**1122**	1126
USA, California, Los Angeles County: Black	0.7	-	0.2	0.2	0.0	**27**	29
USA, California, Los Angeles County: Chinese	1.0	-	0.5	0.1	-	**14**	14
USA, California, Los Angeles County: Filipino	0.7	-	1.0	-	-	**11**	11
USA, California, Los Angeles County: Hispanic White	1.7	0.0	1.8	0.1	-	**443**	444
USA, California, Los Angeles County: Japanese	1.5	-	1.3	-	-	**10**	10
USA, California, Los Angeles County: Korean	0.2	-	0.5	-	-	**3**	3
USA, California, Los Angeles County: Non-Hispanic White	3.4	0.1	3.2	0.2	0.0	**596**	597
USA, California: Asian and Pacific Islander	0.9	-	0.6	0.1	0.0	**179**	180
USA, California: Black	0.8	-	0.5	0.2	0.0	**94**	96
USA, California: Hispanic White	1.9	0.0	1.7	0.1	0.0	**1166**	1171
USA, California: Non-hispanic White	3.6	0.0	3.0	0.1	0.0	**3048**	3063
USA, Colorado	3.2	0.0	2.1	0.2	0.0	**691**	698
USA, Connecticut	3.1	0.0	2.2	0.1	-	**491**	493
USA, Connecticut: Black	1.0	-	0.4	-	-	**14**	14
USA, Connecticut: White	3.4	0.0	2.5	0.1	-	**465**	467
USA, District of Columbia	1.7	-	1.1	0.2	-	**48**	50
USA, District of Columbia: Black	0.4	-	0.3	0.2	-	**7**	7
USA, District of Columbia: White	3.1	-	2.0	0.1	-	**39**	40
USA, Florida	2.4	0.0	1.8	0.2	0.0	**1826**	1840
USA, Florida: Black	0.5	0.0	0.3	0.2	0.0	**68**	70
USA, Florida: White	2.8	0.0	2.1	0.2	0.0	**1723**	1735
USA, Georgia	2.0	0.0	1.5	0.1	0.0	**853**	858
USA, Georgia, Atlanta	2.1	0.0	1.5	0.1	0.0	**337**	340
USA, Georgia, Atlanta: Black	0.7	-	0.3	0.1	0.1	**36**	37
USA, Georgia, Atlanta: White	2.9	0.0	2.2	0.1	-	**292**	294
USA, Georgia: Black	0.6	-	0.2	0.1	0.0	**65**	66
USA, Georgia: White	2.6	0.0	2.0	0.1	0.0	**775**	779
USA, Idaho	3.2	0.1	1.8	0.1	-	**183**	185
USA, Illinois	2.6	0.0	1.9	0.1	0.0	**1543**	1554
USA, Illinois: Black	0.7	-	0.5	0.1	-	**59**	60
USA, Illinois: White	2.9	0.0	2.1	0.1	0.0	**1416**	1426
USA, Indiana	2.8	0.0	2.1	0.1	0.0	**812**	817
USA, Iowa	3.4	0.0	2.6	0.0	0.1	**466**	467
USA, Kentucky	2.6	0.0	1.9	0.1	0.0	**505**	511
USA, Louisiana	2.3	0.0	1.4	0.1	0.0	**450**	454
USA, Louisiana, New Orleans: Black	0.7	-	0.6	-	-	**14**	14
USA, Louisiana, New Orleans: White	2.8	-	2.0	0.1	-	**75**	75
USA, Louisiana: Black	0.7	0.0	0.5	0.1	0.0	**44**	45
USA, Louisiana: White	3.1	0.0	1.9	0.1	-	**402**	405
USA, Maine	3.2	0.0	2.3	0.2	-	**202**	204
USA, Massachusetts	3.1	0.1	2.5	0.1	0.0	**1014**	1019

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Testis (C62) (Contd)

	Germ cell			Other	Unspec.	Number of cases	
	Seminoma	Spermatocytic seminoma	Non-seminomatous			MV	Total
America, North (Contd)							
USA, Michigan	2.8	0.0	1.9	0.1	0.0	**1280**	1292
USA, Michigan, Detroit	2.7	0.0	1.8	0.1	0.0	**513**	515
USA, Michigan, Detroit: Black	0.5	-	0.5	0.1	-	**28**	28
USA, Michigan, Detroit: White	3.5	0.0	2.2	0.2	0.0	**476**	478
USA, Michigan: Black	0.6	-	0.4	0.1	-	**40**	41
USA, Michigan: White	3.2	0.0	2.2	0.1	0.0	**1209**	1220
USA, Missouri	2.4	0.0	1.8	0.1	0.0	**637**	640
USA, Missouri: Black	0.8	-	0.3	-	0.1	**16**	17
USA, Missouri: White	2.7	0.0	2.1	0.1	0.0	**616**	618
USA, Montana	3.1	-	2.7	0.1	-	**136**	137
USA, New Jersey	2.8	0.0	2.2	0.1	0.0	**1178**	1183
USA, New Jersey: Black	0.9	-	0.4	-	-	**47**	47
USA, New Jersey: White	3.3	0.0	2.7	0.2	0.0	**1096**	1101
USA, New Mexico	2.7	0.1	2.3	0.2	0.0	**233**	237
USA, New Mexico: American Indian	1.8	-	1.7	0.2	-	**16**	16
USA, New Mexico: Hispanic White	2.4	0.1	1.9	0.2	0.1	**86**	89
USA, New Mexico: Non-Hispanic White	3.2	0.1	3.0	0.1	0.0	**130**	131
USA, New York state	2.6	0.0	1.7	0.1	0.0	**2330**	2360
USA, New York state: Black	0.8	-	0.3	0.2	0.0	**106**	108
USA, New York state: White	3.1	0.0	2.1	0.1	0.0	**2162**	2190
USA, NPCR	2.6	0.0	2.0	0.1	0.0	**28977**	29216
USA, NPCR: Black	0.7	0.0	0.4	0.1	0.0	**871**	887
USA, NPCR: White	3.0	0.0	2.3	0.1	0.0	**27062**	27275
USA, Ohio	2.7	0.1	2.1	0.1	0.0	**1495**	1507
USA, Ohio: Black	0.6	0.1	0.4	0.2	0.0	**42**	43
USA, Ohio: White	2.9	0.1	2.3	0.1	0.0	**1402**	1413
USA, Oklahoma	2.3	0.0	1.6	0.2	0.0	**383**	385
USA, Oregon	3.5	0.0	2.9	0.1	-	**607**	612
USA, Pennsylvania	3.0	0.0	2.2	0.1	0.0	**1732**	1739
USA, Pennsylvania: Black	0.6	-	0.8	0.3	-	**52**	52
USA, Pennsylvania: White	3.4	0.1	2.4	0.1	0.0	**1656**	1663
USA, Rhode Island	2.7	0.0	2.4	0.0	0.0	**147**	148
USA, SEER (9 registries)	2.8	0.0	2.1	0.1	0.0	**3787**	3800
USA, SEER (9 registries): Black	0.8	-	0.5	0.1	0.0	**120**	121
USA, SEER (9 registries): White	3.3	0.0	2.5	0.1	0.0	**3453**	3465
USA, SEER (14 registries)	2.6	0.0	2.0	0.1	0.0	**9905**	9956
USA, SEER (14 registries): Asian and Pacific Islander	1.0	-	0.7	0.1	0.0	**314**	315
USA, SEER (14 registries): Black	0.8	0.0	0.4	0.1	0.0	**294**	298
USA, SEER (14 registries): Hispanic White	1.8	0.0	1.7	0.1	0.0	**1481**	1489
USA, SEER (14 registries): Non-hispanic White	3.5	0.0	2.7	0.1	0.0	**7663**	7701
USA, South Carolina	1.8	0.0	1.6	0.1	0.0	**381**	385
USA, South Carolina: Black	0.6	-	0.3	0.1	-	**29**	29
USA, South Carolina: White	2.3	0.0	2.2	0.1	0.0	**347**	351
USA, Texas	2.2	0.0	1.9	0.1	0.1	**2475**	2520
USA, Texas: Black	0.6	0.0	0.4	0.1	0.0	**75**	77
USA, Texas: White	2.5	0.0	2.1	0.1	0.1	**2333**	2373
USA, Utah	2.7	0.0	2.6	0.1	0.0	**333**	333
USA, Vermont	4.6	0.0	2.1	0.0	0.1	**109**	110
USA, Washington State	3.4	0.0	2.3	0.1	0.0	**976**	983
USA, Washington, Seattle	3.4	0.0	2.3	0.1	0.0	**684**	685
USA, West Virginia	2.4	0.1	1.8	0.2	0.0	**201**	202
USA, Wisconsin	3.6	0.0	2.3	0.2	0.1	**899**	914
Asia							
Bahrain: Bahraini	0.4	-	0.4	0.1	0.2	**9**	11
China, Guangzhou City	0.5	-	0.2	0.0	0.1	**37**	43 *
China, Hong Kong	0.8	0.0	0.5	0.2	0.2	**282**	292
China, Jiashan	0.7	-	-	-	-	**8**	8 *
China, Nangang District, Harbin City	-	-	-	-	0.2	**5**	5
China, Shanghai	0.1	0.0	0.0	0.0	0.6	**126**	142 *
China, Zhongshan	0.2	-	0.2	0.3	-	**22**	24 *
Cyprus	2.0	0.2	1.6	0.2	-	**71**	72 *
India, Chennai (Madras)	0.3	0.0	0.1	0.1	0.1	**62**	75
India, Karunagappally	0.2	-	-	-	-	**2**	2
India, Mumbai (Bombay)	0.4	-	0.2	0.1	0.1	**225**	256
India, Nagpur	0.5	-	0.1	0.1	0.2	**42**	50 *
India, New Delhi	0.3	-	0.2	0.2	0.1	**215**	242 *
India, Poona	-	-	-	-	0.8	**61**	66 *
India, Trivandrum	0.1	-	0.2	0.1	0.0	**13**	13 *
Israel	2.0	0.0	1.5	0.1	0.1	**535**	587
Israel: Jews	2.2	0.0	1.7	0.2	0.1	**487**	520
Israel: Non-Jews	0.6	0.1	0.6	0.0	0.0	**38**	41
Japan, Aichi Prefecture	0.8	-	0.9	-	0.1	**54**	55
Japan, Fukui Prefecture	1.1	-	0.3	0.1	0.3	**38**	41
Japan, Hiroshima	1.6	-	1.0	0.0	0.0	**79**	81
Japan, Miyagi Prefecture	1.4	-	0.9	0.1	0.1	**145**	152
Japan, Nagasaki Prefecture	0.8	0.0	0.8	-	0.0	**52**	53
Japan, Osaka Prefecture	0.6	-	0.3	0.0	0.1	**238**	264
Japan, Yamagata Prefecture	1.0	-	0.2	0.0	0.2	**37**	42
Korea	0.2	0.0	0.3	0.0	0.0	**525**	554
Korea, Busan	0.1	-	0.4	0.0	0.0	**44**	47
Korea, Daegu	0.2	-	0.4	0.1	0.0	**36**	38
Korea, Daejeon	0.1	0.0	0.3	-	0.0	**12**	13
Korea, Gwangju	0.2	-	0.3	0.1	-	**20**	20
Korea, Incheon	0.1	-	0.3	-	0.0	**29**	31

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Testis (C62) (Contd)

	Germ cell			Other	Unspec.	Number of cases	
	Seminoma	Spermatocytic seminoma	Non-seminomatous			MV	Total
Asia (Contd)							
Korea, Jejudo	-	-	-	0.2	0.2	**1**	2
Korea, Seoul	0.2	-	0.3	0.1	0.0	**171**	181
Korea, Ulsan	0.4	0.1	0.1	0.1	0.0	**15**	15
Kuwait: Kuwaitis	0.7	-	0.5	-	-	**24**	24
Kuwait: Non-Kuwaitis	0.2	0.0	1.0	0.1	-	**37**	37
Malaysia, Penang	0.4	-	0.2	0.1	0.3	**21**	21
Malaysia, Sarawak	0.3	0.0	0.4	0.0	0.1	**38**	42
Oman: Omani	0.3	-	0.1	-	0.0	**11**	12 *
Pakistan, South Karachi	0.6	-	0.4	0.2	-	**52**	53 *
Philippines, Manila	0.5	-	0.2	0.1	0.2	**118**	147 *
Singapore	0.6	0.0	0.4	-	0.0	**83**	85
Singapore: Chinese	0.5	0.0	0.3	-	0.0	**62**	64
Singapore: Indian	0.4	-	0.6	-	-	**6**	6
Singapore: Malay	0.6	-	0.6	-	-	**15**	15
Thailand, Chiang Mai	0.4	-	0.2	0.0	0.1	**28**	32 *
Thailand, Lampang	0.4	-	0.1	-	0.1	**12**	14 *
Thailand, Songkhla	0.2	-	0.1	-	-	**11**	11
Turkey, Antalya	1.2	-	0.9	0.1	0.0	**84**	87 *
Turkey, Izmir	1.0	0.0	1.1	0.1	0.1	**220**	228 *
Europe							
Austria	4.5	0.1	2.1	0.5	0.2	**1707**	1717
Austria, Tyrol	3.9	0.1	2.8	0.3	0.4	**146**	146
Austria, Vorarlberg	4.2	0.1	3.4	0.2	0.1	**79**	80
Belarus	0.8	0.0	0.6	0.1	0.1	**433**	445 *
Belgium, Antwerp	1.9	0.0	1.6	0.1	0.0	**157**	158 *
Belgium, Flanders	1.6	0.0	1.6	0.3	0.1	**447**	461
Bulgaria	1.7	0.1	1.6	0.1	0.2	**764**	816 *
Croatia	1.6	0.0	1.6	0.3	1.8	**402**	610
Czech Republic	3.3	0.1	2.9	0.1	0.1	**1818**	1859
Denmark	5.0	0.0	3.9	0.1	0.1	**1341**	1361
Estonia	1.0	0.1	1.3	0.1	0.0	**84**	85
Finland *(data not available)*	-	-	-	-	-	**-**	-
France, Bas-Rhin	3.3	-	3.2	0.1	0.0	**197**	198
France, Calvados	2.0	0.0	2.5	0.0	0.1	**80**	81
France, Doubs	3.1	-	2.5	-	-	**76**	76
France, Haut-Rhin	4.6	-	2.6	0.2	-	**145**	145
France, Herault	2.4	-	2.1	0.1	-	**104**	104
France, Isere	2.3	0.1	2.5	0.1	0.0	**149**	151
France, Loire-Atlantique	3.2	0.1	2.4	0.1	0.0	**178**	178
France, Manche	1.7	0.1	2.3	-	-	**51**	51
France, Somme	2.1	0.0	2.4	0.1	-	**69**	69
France, Tarn	2.3	-	3.1	0.3	-	**46**	46
France, Vendee	2.8	-	2.6	0.1	0.3	**79**	81
Germany, Brandenburg *(data not available)*	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	**-**	-
Germany, Hamburg	4.1	0.0	1.5	0.2	0.1	**290**	308
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	**-**	-
Germany, Munich	5.8	0.0	2.6	0.1	0.1	**601**	613
Germany, Northrhine-Westphalia: Munster	4.6	-	3.0	0.2	0.2	**557**	587
Germany, Saarland	4.5	-	3.3	0.2	0.1	**246**	247
Iceland	3.2	-	1.9	-	-	**40**	40
Ireland	3.1	0.0	2.3	0.1	0.1	**568**	583
Italy, Biella Province	3.3	0.2	2.5	0.2	-	**32**	32
Italy, Brescia Province	3.0	-	2.1	0.0	0.5	**86**	94
Italy, Ferrara Province	2.3	0.0	2.3	0.1	-	**43**	43
Italy, Florence and Prato	2.2	0.1	1.5	-	0.3	**113**	118
Italy, Genoa Province	2.6	-	1.4	0.1	0.1	**55**	58
Italy, Macerata Province	1.6	0.2	2.6	0.1	0.7	**23**	25
Italy, Milan	2.7	0.0	1.7	0.2	0.2	**134**	139
Italy, Modena Province	3.0	0.1	1.9	0.2	0.1	**89**	90
Italy, Naples	2.2	-	1.4	0.1	-	**55**	55
Italy, North East Cancer Surveillance Network	2.6	0.1	1.9	0.3	0.1	**289**	292
Italy, Parma Province	1.6	0.3	2.5	0.2	-	**47**	47
Italy, Ragusa Province	1.6	0.1	1.6	-	0.3	**27**	27
Italy, Reggio Emilia Province	2.9	0.1	1.5	-	0.4	**59**	64
Italy, Romagna Region	2.7	0.1	1.7	0.2	0.3	**129**	139
Italy, Salerno Province	2.1	0.1	1.6	0.2	0.6	**94**	108
Italy, Sassari Province	2.0	-	2.6	-	0.1	**57**	58
Italy, Sondrio	4.5	0.4	2.6	0.4	0.7	**38**	40
Italy, Syracuse Province	1.4	0.1	2.6	0.1	0.1	**34**	35
Italy, Torino	3.0	0.1	2.2	0.3	-	**132**	132
Italy, Umbria Region	2.7	0.0	1.9	0.1	0.9	**97**	120
Italy, Varese Province	3.9	0.1	3.0	-	0.3	**94**	95
Italy, Veneto Region	2.8	-	2.2	0.1	0.1	**224**	227
Latvia	0.9	0.2	0.7	0.1	0.2	**120**	128
Lithuania	0.8	0.0	0.8	0.1	0.1	**175**	185
Malta	2.8	0.1	1.1	-	-	**41**	41
Norway	4.9	0.0	4.6	0.1	0.1	**1166**	1171
Poland, Cracow	2.0	-	1.1	0.5	0.5	**82**	85 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-
Poland, Warsaw City	1.9	-	2.1	0.1	0.2	**170**	179
Portugal, Porto	0.6	0.0	1.0	0.2	0.0	**154**	155 *
Portugal, South Regional	0.8	0.0	0.9	0.1	0.1	**131**	137
Russia, St Petersburg	0.7	0.0	0.6	0.2	0.1	**202**	215

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Testis (C62) (Contd)

	Germ cell			Other	Unspec.	Number of cases	
	Seminoma	Spermatocytic seminoma	Non-seminomatous			MV	Total
Europe (Contd)							
Serbia	2.4	0.0	1.2	0.6	0.8	**484**	563
Slovak Republic	2.7	0.0	3.5	0.2	0.2	**960**	980
Slovenia	3.2	0.0	4.2	0.1	-	**411**	411
Spain, Albacete	1.4	-	2.0	-	-	**28**	28
Spain, Asturias	1.1	0.0	0.8	0.2	0.1	**63**	66
Spain, Basque Country	1.5	-	1.5	0.0	0.0	**149**	151
Spain, Canary Islands	0.9	0.0	1.2	0.1	0.0	**97**	99
Spain, Cuenca	0.8	-	2.2	-	0.3	**14**	15
Spain, Girona	1.7	-	1.8	0.3	-	**59**	59
Spain, Granada	0.8	-	1.6	-	-	**54**	54
Spain, Murcia	1.0	-	1.4	0.4	0.1	**89**	92
Spain, Navarra	1.3	-	1.3	0.1	-	**41**	41
Spain, Tarragona	1.9	0.1	1.5	0.3	-	**48**	48
Spain, Zaragoza	0.9	0.1	1.2	0.2	0.1	**54**	57
Sweden	2.8	-	2.5	0.0	0.0	**1213**	1214
Switzerland, Geneva	3.9	-	2.8	0.1	0.1	**81**	82
Switzerland, Graubunden and Glarus	5.6	-	4.7	-	-	**65**	65
Switzerland, Neuchatel	3.5	-	2.6	-	-	**26**	26
Switzerland, St Gall-Appenzell	5.9	0.1	4.4	0.1	0.1	**145**	147
Switzerland, Ticino	5.7	-	2.8	0.0	-	**75**	75
Switzerland, Valais	4.8	-	2.9	0.1	-	**62**	62
Switzerland, Vaud	5.6	-	3.3	0.1	-	**151**	151
The Netherlands	2.8	0.0	3.1	0.1	0.0	**2604**	2611
The Netherlands, Eindhoven	2.6	0.1	2.9	-	0.1	**157**	158
The Netherlands, Maastricht	2.5	0.1	3.2	0.0	-	**126**	126
UK, England, East of England Region	3.4	-	2.6	0.1	-	**439**	446
UK, England, Merseyside and Cheshire	3.8	0.1	2.4	0.2	0.0	**368**	401
UK, England, North Western	3.5	0.0	2.7	0.1	-	**693**	702
UK, England, Northern And Yorkshire	3.6	0.0	2.6	0.2	0.0	**1096**	1104
UK, England, Oxford Region	4.0	0.0	3.0	0.2	0.0	**546**	565
UK, England, South and Western Regions	3.8	0.0	2.8	0.2	0.7	**1171**	1316
UK, England, Thames	3.3	0.0	2.0	0.2	0.0	**2032**	2156
UK, England, Trent	3.2	0.0	2.2	0.1	0.0	**684**	699
UK, England, West Midlands	3.1	0.0	2.4	0.1	0.0	**784**	809
UK, Northern Ireland	3.3	0.0	2.6	0.1	0.2	**270**	277
UK, Scotland	4.3	0.0	3.1	0.1	0.0	**1016**	1038
Oceania							
Australia, New South Wales	3.1	0.0	2.5	0.1	0.0	**1021**	1044
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-
Australia, Queensland	2.8	0.0	2.5	0.1	0.0	**524**	537
Australia, South	3.1	-	2.1	0.2	0.1	**214**	220
Australia, Tasmania	4.7	-	1.5	0.2	-	**84**	84
Australia, Victoria	3.1	0.0	2.2	0.1	0.1	**714**	734
Australia, Western	3.3	0.0	2.0	0.1	-	**288**	288
Australian Capital Territory	4.4	-	1.9	0.2	-	**59**	61
French Polynesia	1.4	0.2	0.7	0.4	-	**18**	18
New Zealand	4.3	-	2.3	0.1	0.1	**685**	696
USA, Hawaii	2.4	-	1.5	0.0	-	**133**	133
USA, Hawaii: Chinese	2.3	-	1.2	-	-	**7**	7
USA, Hawaii: Filipino	1.2	-	1.1	-	-	**11**	11
USA, Hawaii: Hawaiian	3.2	-	1.4	0.1	-	**28**	28
USA, Hawaii: Japanese	2.9	-	1.5	-	-	**24**	24
USA, Hawaii: White	3.3	-	2.0	-	-	**53**	53

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type

Kidney and renal pelvis (C64-65) - Male

	Carcinoma				Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.			MV	Total
Africa								
Algeria, Setif	0.1	0.2	-	0.0	0.3	0.1	**17**	18 *
Egypt, Gharbiah	0.5	1.8	0.0	0.1	0.1	0.4	**118**	138
Tunisia, Centre, Sousse	0.7	2.0	-	-	0.3	-	**29**	29 *
Uganda, Kyadondo County	-	0.1	-	0.0	0.3	0.2	**17**	21 *
Zimbabwe, Harare: African	0.1	1.1	-	-	0.4	0.2	**31**	45 *
America, Central and South								
Argentina, Bahia Blanca	0.5	6.8	-	2.1	-	-	**69**	77
Brazil, Brasilia	0.1	2.3	0.0	0.8	0.5	1.3	**105**	115
Brazil, Cuiaba	-	1.0	0.1	0.3	0.5	0.9	**12**	20
Brazil, Goiania	0.2	2.5	0.4	0.2	0.7	0.9	**58**	69
Brazil, Sao Paulo	0.1	4.2	0.1	0.5	0.2	1.6	**1053**	1398
Chile, Valdivia	0.1	4.8	0.2	0.4	0.4	0.9	**51**	59
Colombia, Cali	0.4	2.4	-	0.1	0.2	0.9	**108**	135
Costa Rica	0.2	2.5	0.0	0.0	0.2	1.1	**220**	301
Ecuador, Quito	0.2	2.0	-	0.1	0.3	0.5	**68**	83
France, La Martinique	0.3	1.5	-	0.2	-	0.5	**26**	28
Peru, Trujillo	0.7	2.9	-	0.1	0.2	0.1	**35**	35 *
America, North								
Canada (excluding Quebec, Yukon and Nunavut)	0.6	8.0	0.0	0.2	0.3	0.9	**6366**	7836
Canada, Alberta	0.6	9.1	0.0	0.2	0.3	0.2	**789**	946
Canada, British Columbia	0.6	6.5	0.0	0.3	0.3	0.2	**973**	1145
Canada, Manitoba	1.2	10.3	0.0	0.3	0.2	0.6	**377**	507
Canada, New Brunswick	1.1	10.3	-	0.8	-	0.5	**287**	337
Canada, Newfoundland and Labrador	0.4	8.3	-	0.2	0.6	0.2	**162**	171
Canada, Northwest Territories	-	8.5	-	-	-	-	**7**	7
Canada, Nova Scotia	0.5	11.6	0.1	0.2	0.4	0.8	**367**	449
Canada, Ontario	0.5	7.4	0.0	0.1	0.3	1.4	**3018**	3821
Canada, Prince Edward Island	0.7	9.2	-	-	-	1.7	**48**	58
Canada, Saskatchewan	0.8	8.9	0.0	0.2	0.4	0.7	**338**	395
USA, Alabama	0.8	9.2	0.0	0.2	0.2	0.2	**1399**	1524
USA, Alabama: Black	0.4	10.1	-	0.3	0.2	0.3	**251**	294
USA, Alabama: White	0.9	9.0	0.0	0.2	0.3	0.1	**1135**	1215
USA, Alaska	0.6	11.1	0.2	0.2	0.2	0.5	**183**	198
USA, Arizona	0.7	9.6	0.0	0.2	0.2	0.2	**1702**	1907
USA, California	0.7	8.5	0.2	0.1	0.3	0.1	**8946**	9800
USA, California, Greater San Francisco Bay Area	0.6	7.9	0.2	0.1	0.3	0.1	**1659**	1817
USA, California, Greater San Francisco Bay Area: Black	0.6	8.6	0.5	0.0	0.4	0.3	**111**	132
USA, California, Greater San Francisco Bay Area: Chinese	0.5	3.2	0.1	0.2	0.3	-	**61**	67
USA, California, Greater San Francisco Bay Area: Filipino	-	5.3	0.2	-	-	-	**42**	47
USA, California, Greater San Francisco Bay Area: Hispanic White	0.7	9.8	0.1	0.0	0.2	0.1	**214**	231
USA, California, Greater San Francisco Bay Area: Japanese	0.4	5.5	-	-	-	-	**15**	18
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	0.6	8.5	0.2	0.1	0.5	0.1	**1133**	1236
USA, California, Los Angeles County	0.6	8.6	0.3	0.1	0.3	0.1	**2327**	2529
USA, California, Los Angeles County: Black	0.4	11.0	0.6	0.1	0.2	0.2	**287**	311
USA, California, Los Angeles County: Chinese	0.2	3.1	-	0.1	0.2	-	**41**	43
USA, California, Los Angeles County: Filipino	0.3	6.1	0.2	0.1	0.1	-	**48**	50
USA, California, Los Angeles County: Hispanic White	0.6	9.1	0.3	0.1	0.3	0.0	**581**	641
USA, California, Los Angeles County: Japanese	0.6	5.6	-	0.1	-	0.3	**31**	35
USA, California, Los Angeles County: Korean	0.2	4.0	-	-	0.5	-	**23**	24
USA, California, Los Angeles County: Non-Hispanic White	0.8	9.3	0.3	0.1	0.3	0.1	**1283**	1390
USA, California: Asian and Pacific Islander	0.4	4.2	0.1	0.1	0.1	0.0	**497**	547
USA, California: Black	0.4	10.1	0.5	0.1	0.4	0.2	**601**	668
USA, California: Hispanic White	0.7	9.6	0.2	0.2	0.2	0.1	**1618**	1764
USA, California: Non-hispanic White	0.7	8.9	0.2	0.1	0.4	0.1	**6142**	6732
USA, Colorado	0.9	8.4	0.1	0.1	0.2	0.5	**1100**	1275
USA, Connecticut	0.8	10.7	0.2	0.3	0.3	0.0	**1348**	1428
USA, Connecticut: Black	0.4	11.5	0.2	0.1	0.1	0.1	**88**	90
USA, Connecticut: White	0.8	10.7	0.2	0.3	0.3	0.0	**1237**	1315
USA, District of Columbia	0.5	9.8	-	0.3	0.3	0.6	**155**	192
USA, District of Columbia: Black	0.4	10.4	-	0.4	0.3	0.7	**97**	128
USA, District of Columbia: White	0.7	8.1	-	-	0.6	0.4	**51**	54
USA, Florida	0.9	9.3	0.0	0.3	0.3	0.5	**6642**	7334
USA, Florida: Black	0.4	8.0	0.0	0.2	0.2	0.7	**444**	501
USA, Florida: White	1.0	9.5	0.0	0.3	0.4	0.4	**6115**	6742
USA, Georgia	0.9	9.3	0.1	0.2	0.4	0.3	**2278**	2487
USA, Georgia, Atlanta	0.9	9.7	0.1	0.1	0.4	0.1	**731**	763
USA, Georgia, Atlanta: Black	0.7	11.8	0.1	0.2	0.3	0.3	**219**	231
USA, Georgia, Atlanta: White	1.0	9.2	0.1	0.1	0.6	0.1	**502**	522
USA, Georgia: Black	0.6	11.3	0.1	0.3	0.4	0.4	**542**	601
USA, Georgia: White	1.0	8.9	0.1	0.2	0.4	0.3	**1719**	1869
USA, Idaho	0.6	9.1	-	0.1	0.2	0.1	**358**	409
USA, Illinois	0.8	10.7	0.1	0.3	0.3	0.3	**4334**	4739
USA, Illinois: Black	0.4	12.1	0.2	0.4	0.4	0.2	**521**	579
USA, Illinois: White	0.9	10.5	0.0	0.3	0.3	0.3	**3699**	4043
USA, Indiana	0.9	11.2	0.0	0.2	0.4	0.1	**2244**	2458
USA, Iowa	0.8	10.6	0.1	0.1	0.4	0.2	**1116**	1249
USA, Kentucky	0.8	11.5	0.1	0.2	0.4	0.2	**1539**	1707
USA, Louisiana	0.9	12.3	0.1	0.3	0.4	0.3	**1742**	1906
USA, Louisiana, New Orleans: Black	0.3	11.4	0.2	0.1	0.1	0.8	**101**	120
USA, Louisiana, New Orleans: White	1.0	12.7	0.1	0.1	0.7	0.5	**277**	298
USA, Louisiana: Black	0.6	12.6	0.2	0.5	0.2	0.7	**402**	470
USA, Louisiana: White	1.0	12.4	0.1	0.3	0.5	0.2	**1338**	1432
USA, Maine	1.0	11.5	0.0	0.2	0.3	0.2	**540**	602
USA, Massachusetts	0.8	10.3	0.0	0.1	0.3	0.4	**2283**	2465

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Kidney and renal pelvis (C64-65) - Male (Contd)

	Carcinoma				Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.			MV	Total
America, North (Contd)								
USA, Michigan	0.8	9.8	0.1	0.2	0.4	0.3	**3367**	3683
USA, Michigan, Detroit	0.7	11.4	0.2	0.4	0.3	0.1	**1528**	1649
USA, Michigan, Detroit: Black	0.5	12.6	0.2	0.7	0.4	0.2	**329**	362
USA, Michigan, Detroit: White	0.7	11.2	0.1	0.3	0.3	0.1	**1172**	1259
USA, Michigan: Black	0.6	12.5	0.3	0.5	0.5	0.4	**446**	495
USA, Michigan: White	0.9	9.5	0.1	0.2	0.4	0.3	**2866**	3129
USA, Missouri	0.8	10.7	0.0	0.2	0.4	0.5	**2086**	2301
USA, Missouri: Black	0.7	13.5	-	-	0.8	0.7	**189**	214
USA, Missouri: White	0.8	10.5	0.0	0.2	0.4	0.5	**1884**	2074
USA, Montana	1.0	9.0	-	0.2	0.5	0.1	**319**	349
USA, New Jersey	0.9	11.1	0.1	0.3	0.4	0.4	**3318**	3591
USA, New Jersey: Black	0.5	11.1	-	0.3	0.3	0.6	**317**	353
USA, New Jersey: White	1.0	11.3	0.1	0.3	0.5	0.4	**2896**	3131
USA, New Mexico	0.6	10.0	-	0.1	0.3	0.1	**566**	645
USA, New Mexico: American Indian	-	13.3	-	0.4	-	0.3	**38**	45
USA, New Mexico: Hispanic White	0.8	11.8	-	0.0	0.2	0.1	**204**	232
USA, New Mexico: Non-Hispanic White	0.5	8.9	-	0.2	0.5	0.1	**318**	360
USA, New York state	0.9	10.3	0.2	0.3	0.4	0.3	**6768**	7448
USA, New York state: Black	0.5	8.4	0.2	0.2	0.5	0.4	**606**	672
USA, New York state: White	0.9	10.9	0.2	0.3	0.4	0.3	**5976**	6576
USA, NPCR	0.8	10.0	0.1	0.2	0.3	0.3	**76034**	83690
USA, NPCR: Black	0.5	10.8	0.2	0.3	0.3	0.4	**6776**	7639
USA, NPCR: White	0.9	10.0	0.1	0.2	0.3	0.3	**66991**	73587
USA, Ohio	0.8	9.6	0.1	0.3	0.3	0.2	**3869**	4195
USA, Ohio: Black	0.4	11.0	0.3	0.5	0.1	0.1	**359**	393
USA, Ohio: White	0.8	9.4	0.0	0.3	0.3	0.2	**3429**	3717
USA, Oklahoma	0.9	9.5	0.0	0.2	0.2	0.8	**1158**	1325
USA, Oregon	0.7	8.9	0.1	0.2	0.3	0.1	**1077**	1202
USA, Pennsylvania	1.0	10.8	0.1	0.2	0.4	0.2	**5034**	5584
USA, Pennsylvania: Black	0.5	14.1	0.3	0.2	0.6	0.4	**413**	485
USA, Pennsylvania: White	1.0	10.4	0.1	0.2	0.3	0.2	**4525**	4999
USA, Rhode Island	0.8	12.4	0.0	0.1	0.2	0.3	**455**	494
USA, SEER (9 registries)	0.7	9.8	0.1	0.2	0.3	0.1	**8516**	9288
USA, SEER (9 registries): Black	0.6	11.6	0.2	0.4	0.4	0.2	**813**	891
USA, SEER (9 registries): White	0.7	10.0	0.1	0.2	0.4	0.1	**7128**	7779
USA, SEER (14 registries)	0.7	9.7	0.2	0.2	0.3	0.2	**23015**	25145
USA, SEER (14 registries): Asian and Pacific Islander	0.5	4.7	0.1	0.1	0.2	0.1	**886**	962
USA, SEER (14 registries): Black	0.5	11.5	0.3	0.3	0.3	0.3	**2145**	2389
USA, SEER (14 registries): Hispanic White	0.6	9.7	0.2	0.2	0.3	0.1	**2211**	2404
USA, SEER (14 registries): Non-hispanic White	0.8	10.0	0.2	0.2	0.4	0.2	**17502**	19099
USA, South Carolina	0.9	10.7	0.0	0.2	0.3	0.3	**1432**	1588
USA, South Carolina: Black	0.5	11.2	0.1	0.2	0.2	0.2	**303**	341
USA, South Carolina: White	1.0	10.5	0.0	0.2	0.4	0.4	**1110**	1225
USA, Texas	0.8	11.1	0.0	0.2	0.3	0.6	**6711**	7492
USA, Texas: Black	0.5	11.5	0.1	0.3	0.3	0.8	**605**	690
USA, Texas: White	0.8	11.2	0.0	0.2	0.3	0.5	**5968**	6657
USA, Utah	0.5	7.7	0.1	0.1	0.3	0.0	**426**	471
USA, Vermont	0.9	9.3	0.0	0.1	0.2	0.1	**212**	226
USA, Washington State	0.8	9.9	0.2	0.2	0.3	0.1	**1932**	2166
USA, Washington, Seattle	0.6	9.9	0.2	0.2	0.3	0.1	**1309**	1459
USA, West Virginia	0.9	10.1	0.2	0.3	0.3	0.2	**737**	813
USA, Wisconsin	0.8	10.0	0.1	0.1	0.4	0.6	**1955**	2124
Asia								
Bahrain: Bahraini	0.4	3.5	-	-	0.3	0.6	**20**	27
China, Guangzhou City	0.6	0.9	-	0.8	0.2	0.2	**110**	147 *
China, Hong Kong	0.3	2.9	-	0.0	0.1	0.1	**706**	730
China, Jiashan	0.4	0.6	-	0.8	0.1	-	**15**	24 *
China, Nangang District, Harbin City	-	-	-	-	-	3.2	**69**	75
China, Shanghai	0.1	0.7	0.0	0.0	0.0	4.3	**826**	1193 *
China, Zhongshan	0.2	0.6	-	0.9	0.3	-	**42**	62 *
Cyprus	0.6	4.1	-	0.0	0.4	0.2	**111**	116 *
India, Chennai (Madras)	0.1	0.8	-	0.0	0.2	0.1	**104**	117
India, Karunagappally	-	0.5	-	-	0.1	0.1	**5**	6
India, Mumbai (Bombay)	0.1	1.6	0.0	0.0	0.1	0.2	**404**	435
India, Nagpur	0.0	0.9	-	-	0.1	-	**43**	43 *
India, New Delhi	0.1	2.0	-	0.2	0.2	0.3	**512**	566 *
India, Poona	-	-	-	-	-	1.7	**101**	106 *
India, Trivandrum	0.1	0.8	-	-	0.2	0.4	**34**	41 *
Israel	0.8	9.7	0.0	0.2	0.3	0.6	**1616**	1857
Israel: Jews	0.8	10.2	0.0	0.2	0.3	0.5	**1527**	1722
Israel: Non-Jews	1.3	3.4	-	0.1	0.2	0.5	**72**	82
Japan, Aichi Prefecture	0.8	3.0	-	-	0.2	1.6	**161**	213
Japan, Fukui Prefecture	0.7	4.0	-	0.0	0.2	1.4	**177**	233
Japan, Hiroshima	1.3	5.8	-	0.5	0.1	0.2	**279**	318
Japan, Miyagi Prefecture	1.0	5.6	0.0	0.0	0.1	0.9	**640**	765
Japan, Nagasaki Prefecture	1.0	4.5	0.0	0.5	0.0	0.4	**380**	455
Japan, Osaka Prefecture	0.6	2.7	0.0	0.0	0.2	1.2	**1282**	1683
Japan, Yamagata Prefecture	0.6	2.1	-	0.1	0.0	1.3	**178**	266
Korea	0.7	3.4	0.0	0.0	0.2	1.0	**3977**	4775
Korea, Busan	0.6	3.4	-	0.1	0.2	1.2	**392**	488
Korea, Daegu	0.6	3.5	0.0	0.0	0.2	1.1	**247**	295
Korea, Daejeon	0.8	3.4	0.0	0.0	0.1	1.0	**126**	149
Korea, Gwangju	1.1	2.6	-	0.1	0.2	1.1	**110**	137
Korea, Incheon	0.7	2.8	-	0.0	0.2	1.1	**207**	252

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Kidney and renal pelvis (C64-65) - Male (Contd)

	Carcinoma				Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.			MV	Total
Asia (Contd)								
Korea, Jejudo	1.0	3.3	-	-	0.3	0.9	**35**	41
Korea, Seoul	0.9	4.2	0.0	0.0	0.1	1.1	**1201**	1393
Korea, Ulsan	0.6	4.2	-	0.3	0.1	1.1	**83**	95
Kuwait: Kuwaitis	0.5	4.8	-	-	0.2	0.7	**53**	62
Kuwait: Non-Kuwaitis	0.1	1.6	-	0.1	1.1	0.4	**38**	43
Malaysia, Penang	0.5	2.8	-	-	0.2	0.6	**69**	78
Malaysia, Sarawak	0.1	1.3	-	0.0	0.2	0.5	**58**	75
Oman: Omani	0.2	1.2	-	0.1	0.1	0.1	**29**	33 *
Pakistan, South Karachi	0.1	1.5	-	0.0	0.2	-	**50**	52 *
Philippines, Manila	0.1	2.9	-	0.6	0.1	0.9	**206**	315 *
Singapore	0.4	3.3	0.0	0.1	0.2	1.0	**340**	419
Singapore: Chinese	0.5	3.8	0.0	0.1	0.2	1.1	**309**	375
Singapore: Indian	0.3	1.1	-	-	0.2	0.4	**11**	14
Singapore: Malay	0.1	2.0	-	-	-	1.0	**20**	30
Thailand, Chiang Mai	0.8	0.7	0.1	0.0	0.0	0.2	**60**	69 *
Thailand, Lampang	0.8	0.2	-	-	0.0	0.5	**24**	35 *
Thailand, Songkhla	0.3	0.3	-	0.0	0.0	0.2	**18**	23
Turkey, Antalya	0.3	2.3	0.0	0.0	0.3	0.2	**84**	94 *
Turkey, Izmir	0.6	2.5	0.0	0.0	0.3	0.2	**266**	290 *
Europe								
Austria	0.9	10.2	0.1	0.5	0.3	0.9	**3504**	3741
Austria, Tyrol	0.4	9.8	0.1	0.3	0.4	0.6	**241**	260
Austria, Vorarlberg	0.4	8.6	-	0.6	0.2	1.2	**112**	124
Belarus	0.5	7.2	0.1	0.1	0.3	4.9	**2499**	3787 *
Belgium, Antwerp	1.1	6.5	0.0	0.2	0.1	0.5	**539**	584 *
Belgium, Flanders	0.9	7.4	0.0	0.4	0.4	0.5	**1697**	1824
Bulgaria	0.3	3.1	0.1	0.1	0.3	1.8	**1062**	1643 *
Croatia	0.3	3.9	0.0	2.4	0.3	3.1	**1099**	1588
Czech Republic	1.0	15.3	0.1	0.3	0.2	4.2	**5910**	7505
Denmark	1.2	5.9	0.0	0.2	0.2	0.9	**1521**	1804
Estonia	0.5	11.6	0.1	0.6	0.5	2.8	**578**	692
Finland *(data not available)*	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	0.6	13.4	0.1	0.1	0.9	0.5	**503**	524
France, Calvados	0.7	7.9	0.3	0.0	0.4	0.5	**217**	226
France, Doubs	0.5	9.0	-	0.1	0.4	0.3	**168**	182
France, Haut-Rhin	0.7	10.7	0.1	0.2	0.4	0.3	**303**	318
France, Herault	1.0	8.4	0.3	0.1	0.3	0.3	**365**	381
France, Isere	0.7	7.2	0.3	0.1	0.2	0.6	**320**	347
France, Loire-Atlantique	0.8	9.6	0.2	0.1	0.4	0.3	**437**	451
France, Manche	0.7	6.6	0.1	0.1	0.2	0.3	**162**	169
France, Somme	1.1	9.5	0.1	0.1	0.2	1.0	**213**	239
France, Tarn	0.6	6.5	0.7	0.2	0.0	0.9	**126**	147
France, Vendee	0.4	6.6	0.3	0.2	0.6	0.4	**178**	186
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	**-**	-
Germany, Hamburg	0.8	7.7	-	0.5	0.3	0.1	**508**	636
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	**-**	-
Germany, Munich	0.7	9.7	0.4	0.1	0.4	1.4	**1023**	1170
Germany, Northrhine-Westphalia: Munster	0.9	8.8	0.1	0.3	0.2	0.1	**947**	1078
Germany, Saarland	0.8	10.1	0.2	0.4	0.0	0.6	**524**	557
Iceland	0.9	13.6	-	0.2	0.6	0.6	**136**	143
Ireland	0.5	5.8	0.0	0.2	0.3	2.1	**777**	1046
Italy, Biella Province	0.5	7.7	-	-	-	2.5	**70**	98
Italy, Brescia Province	1.1	10.1	0.5	1.5	0.3	2.3	**319**	374
Italy, Ferrara Province	1.3	9.4	-	0.3	0.8	1.8	**196**	236
Italy, Florence and Prato	0.4	10.6	0.1	0.4	0.4	1.7	**641**	761
Italy, Genoa Province	0.8	8.0	0.1	0.4	0.1	2.0	**257**	328
Italy, Macerata Province	0.5	7.9	0.4	1.0	-	1.3	**82**	94
Italy, Milan	1.1	10.5	0.0	0.1	0.3	1.7	**552**	638
Italy, Modena Province	1.3	11.3	0.1	0.5	-	1.1	**376**	418
Italy, Naples	0.5	4.9	0.1	0.2	0.1	1.6	**87**	112
Italy, North East Cancer Surveillance Network	0.7	9.0	0.0	1.8	0.4	0.8	**1073**	1156
Italy, Parma Province	1.7	8.0	0.1	0.5	0.7	1.1	**206**	237
Italy, Ragusa Province	0.5	3.0	-	-	-	1.7	**44**	58
Italy, Reggio Emilia Province	0.2	8.3	0.1	0.4	0.4	2.4	**193**	247
Italy, Romagna Region	0.9	11.0	0.0	0.3	0.4	1.7	**583**	693
Italy, Salerno Province	0.8	3.6	0.1	0.2	0.2	1.9	**152**	210
Italy, Sassari Province	0.5	6.2	0.1	0.5	0.5	1.1	**137**	161
Italy, Sondrio	0.8	11.1	-	-	0.3	2.7	**86**	105
Italy, Syracuse Province	0.7	3.0	0.1	0.2	-	0.8	**48**	57
Italy, Torino	0.8	7.2	-	0.2	0.3	1.0	**366**	416
Italy, Umbria Region	0.7	7.9	0.1	1.4	-	2.1	**401**	509
Italy, Varese Province	0.9	10.5	0.1	0.5	0.2	1.6	**244**	280
Italy, Veneto Region	0.9	11.4	0.0	0.5	0.3	1.8	**856**	1007
Latvia	0.2	8.0	-	0.1	0.3	5.4	**650**	1052
Lithuania	0.4	9.1	0.1	0.4	0.5	5.3	**1190**	1650
Malta	0.3	3.8	0.0	0.1	0.9	1.6	**63**	85
Norway	0.4	7.3	0.1	0.3	0.3	0.9	**1361**	1587
Poland, Cracow	0.2	6.7	-	0.7	-	3.6	**184**	272 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	**-**	-
Poland, Warsaw City	0.4	6.3	0.0	0.4	0.0	3.1	**424**	614
Portugal, Porto	0.6	3.9	0.0	0.2	0.2	0.2	**484**	507 *
Portugal, South Regional	0.3	4.1	0.0	0.3	0.5	0.4	**541**	581
Russia, St Petersburg	0.4	5.7	-	1.3	0.4	4.7	**1061**	1707

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Kidney and renal pelvis (C64-65) - Male (Contd)

	Carcinoma				Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.			MV	Total
Europe (Contd)								
Serbia	0.8	2.9	0.1	0.2	0.3	1.4	**779**	1014
Slovak Republic	0.7	9.1	0.0	0.1	0.2	2.4	**1527**	1931
Slovenia	0.5	7.9	0.0	0.1	0.6	1.3	**663**	680
Spain, Albacete	0.9	3.1	0.1	0.8	-	0.5	**52**	62
Spain, Asturias	1.0	8.1	0.0	0.2	0.5	0.6	**405**	475
Spain, Basque Country	1.1	9.2	0.0	0.3	0.2	1.5	**717**	842
Spain, Canary Islands	1.1	3.2	0.1	0.2	0.3	0.7	**206**	247
Spain, Cuenca	0.3	3.3	-	0.5	0.8	0.7	**39**	51
Spain, Girona	1.0	6.3	-	0.1	0.3	0.8	**166**	188
Spain, Granada	1.3	3.7	0.2	0.0	0.2	0.5	**153**	168
Spain, Murcia	1.3	3.8	-	0.3	0.3	0.6	**210**	236
Spain, Navarra	1.1	8.4	0.0	0.4	0.2	0.6	**216**	245
Spain, Tarragona	1.0	5.0	-	0.1	0.2	0.8	**122**	148
Spain, Zaragoza	0.7	4.7	0.0	0.0	0.5	0.3	**205**	218
Sweden	0.7	6.0	0.0	0.1	0.3	0.4	**2680**	2838
Switzerland, Geneva	0.8	7.4	-	0.2	0.2	0.5	**132**	141
Switzerland, Graubunden and Glarus	1.4	7.7	-	0.2	0.4	0.1	**79**	83
Switzerland, Neuchatel	0.4	9.2	-	0.4	0.5	0.8	**64**	71
Switzerland, St Gall-Appenzell	0.6	6.6	0.1	0.1	0.1	0.9	**140**	163
Switzerland, Ticino	0.6	9.2	0.1	0.3	1.2	0.5	**130**	139
Switzerland, Valais	0.9	6.8	-	0.3	0.1	0.4	**82**	87
Switzerland, Vaud	1.0	5.6	0.1	0.4	0.5	0.5	**174**	188
The Netherlands	0.8	6.5	0.0	0.1	0.3	1.1	**4322**	5010
The Netherlands, Eindhoven	0.7	6.0	0.0	0.1	0.3	1.5	**261**	315
The Netherlands, Maastricht	0.8	7.0	-	0.1	0.2	0.8	**274**	306
UK, England, East of England Region	0.6	5.1	0.0	1.0	0.3	0.0	**566**	795
UK, England, Merseyside and Cheshire	0.6	5.7	0.0	1.1	0.4	0.0	**491**	727
UK, England, North Western	0.6	5.5	0.0	1.3	0.3	0.1	**832**	1226
UK, England, Northern And Yorkshire	0.8	6.6	0.0	0.6	0.3	0.5	**1643**	2283
UK, England, Oxford Region	0.6	5.7	0.0	0.8	0.3	-	**572**	724
UK, England, South and Western Regions	0.6	5.6	0.0	0.5	0.3	1.2	**1714**	2349
UK, England, Thames	0.5	5.0	0.0	1.0	0.3	0.4	**2437**	3638
UK, England, Trent	0.7	5.8	0.1	1.4	0.2	0.2	**1071**	1616
UK, England, West Midlands	0.6	5.9	0.0	0.8	0.4	0.3	**1210**	1612
UK, Northern Ireland	0.5	5.1	-	0.3	0.2	2.0	**323**	451
UK, Scotland	0.7	6.3	0.0	1.0	0.3	0.8	**1309**	1749
Oceania								
Australia, New South Wales	0.8	9.0	0.0	0.3	0.3	0.1	**2163**	2379
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-
Australia, Queensland	1.0	8.7	0.0	0.3	0.2	0.0	**1066**	1242
Australia, South	0.6	10.3	0.0	-	0.3	0.2	**543**	656
Australia, Tasmania	1.1	8.9	0.0	0.1	0.5	0.9	**180**	201
Australia, Victoria	0.6	8.2	0.0	0.1	0.2	1.1	**1477**	1720
Australia, Western	0.9	7.9	0.1	0.2	0.3	0.2	**523**	589
Australian Capital Territory	0.5	8.9	0.1	0.1	0.2	-	**85**	90
French Polynesia	0.5	4.4	-	0.2	0.3	0.6	**25**	27
New Zealand	0.5	6.5	0.0	0.2	0.4	1.1	**909**	1101
USA, Hawaii	0.8	7.9	0.0	0.2	0.2	0.3	**363**	387
USA, Hawaii: Chinese	0.5	6.0	-	-	-	0.3	**22**	25
USA, Hawaii: Filipino	0.3	5.6	-	0.2	0.4	0.3	**40**	43
USA, Hawaii: Hawaiian	0.7	9.6	0.2	0.4	-	0.3	**51**	53
USA, Hawaii: Japanese	1.4	7.4	-	0.1	0.6	0.2	**111**	116
USA, Hawaii: White	0.8	10.3	-	0.3	0.4	0.4	**122**	132

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Kidney and renal pelvis (C64-65) - Female

	Carcinoma				Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.			MV	Total
Africa								
Algeria, Setif	-	0.5	-	0.1	0.6	0.0	**33**	34 *
Egypt, Gharbiah	0.0	1.0	-	0.1	0.2	0.3	**75**	89
Tunisia, Centre, Sousse	0.2	0.9	-	-	0.6	-	**15**	17 *
Uganda, Kyadondo County	-	-	-	0.0	0.2	0.1	**12**	17 *
Zimbabwe, Harare: African	0.2	0.8	0.1	0.0	0.3	0.1	**30**	37 *
America, Central and South								
Argentina, Bahia Blanca	-	2.6	-	1.0	0.2	-	**31**	37
Brazil, Brasilia	0.1	1.4	0.1	0.3	0.5	0.6	**74**	81
Brazil, Cuiaba	-	1.3	0.2	0.3	-	0.1	**12**	13
Brazil, Goiania	0.1	1.6	0.0	0.1	0.3	0.4	**41**	46
Brazil, Sao Paulo	0.1	1.9	0.0	0.2	0.4	0.7	**674**	887
Chile, Valdivia	-	2.5	0.1	0.3	0.4	0.8	**32**	39
Colombia, Cali	0.1	1.4	0.0	0.1	0.5	0.6	**90**	114
Costa Rica	0.1	1.4	0.0	0.0	0.2	0.7	**136**	188
Ecuador, Quito	0.1	1.1	-	0.0	0.3	0.5	**44**	61
France, La Martinique	0.1	1.0	0.2	0.3	-	0.3	**21**	26
Peru, Trujillo	0.2	1.4	-	-	0.1	-	**19**	19 *
America, North								
Canada (excluding Quebec, Yukon and Nunavut)	0.3	4.3	0.0	0.1	0.4	0.5	**3947**	5065
Canada, Alberta	0.4	5.1	-	0.1	0.5	0.0	**507**	612
Canada, British Columbia	0.3	3.2	-	0.1	0.3	0.1	**554**	697
Canada, Manitoba	0.3	5.6	-	0.1	0.2	0.2	**215**	308
Canada, New Brunswick	0.3	6.5	0.0	0.2	0.3	0.1	**198**	233
Canada, Newfoundland and Labrador	0.3	5.0	-	0.0	0.5	0.3	**108**	117
Canada, Northwest Territories	-	2.6	-	-	-	-	**2**	2
Canada, Nova Scotia	0.5	6.0	-	0.2	0.3	0.4	**250**	301
Canada, Ontario	0.3	4.0	0.0	0.0	0.4	0.8	**1877**	2503
Canada, Prince Edward Island	-	4.3	-	0.2	0.6	0.5	**25**	29
Canada, Saskatchewan	0.5	4.7	-	0.2	0.4	0.4	**211**	263
USA, Alabama	0.4	4.5	0.0	0.1	0.5	0.1	**897**	999
USA, Alabama: Black	0.2	5.6	-	0.1	0.6	0.1	**214**	239
USA, Alabama: White	0.5	4.1	0.0	0.1	0.4	0.1	**670**	747
USA, Alaska	0.4	4.9	-	0.1	0.2	-	**77**	85
USA, Arizona	0.5	5.1	0.0	0.1	0.3	0.1	**1044**	1172
USA, California	0.4	4.1	0.1	0.1	0.3	0.0	**5193**	5807
USA, California, Greater San Francisco Bay Area	0.4	3.7	0.1	0.1	0.3	0.0	**971**	1087
USA, California, Greater San Francisco Bay Area: Black	0.2	5.3	0.1	0.2	0.6	0.0	**89**	104
USA, California, Greater San Francisco Bay Area: Chinese	0.3	1.8	0.1	0.1	0.1	-	**45**	48
USA, California, Greater San Francisco Bay Area: Filipino	0.1	2.9	0.1	-	-	-	**36**	37
USA, California, Greater San Francisco Bay Area: Hispanic White	0.5	5.4	0.1	0.1	0.4	0.0	**153**	168
USA, California, Greater San Francisco Bay Area: Japanese	-	2.4	0.1	-	-	-	**13**	14
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	0.5	3.7	0.0	0.1	0.3	0.0	**606**	685
USA, California, Los Angeles County	0.4	4.2	0.1	0.1	0.3	0.0	**1422**	1598
USA, California, Los Angeles County: Black	0.3	5.0	0.1	0.1	0.4	0.0	**172**	196
USA, California, Los Angeles County: Chinese	0.6	1.4	0.0	0.1	0.3	-	**27**	30
USA, California, Los Angeles County: Filipino	0.2	3.0	0.1	0.1	-	-	**32**	34
USA, California, Los Angeles County: Hispanic White	0.4	4.6	0.1	0.1	0.3	0.0	**409**	442
USA, California, Los Angeles County: Japanese	0.3	2.5	-	-	0.9	-	**19**	19
USA, California, Los Angeles County: Korean	0.1	1.9	-	-	1.0	-	**15**	15
USA, California, Los Angeles County: Non-Hispanic White	0.4	4.5	0.1	0.0	0.2	0.1	**727**	836
USA, California: Asian and Pacific Islander	0.2	2.0	0.1	0.0	0.2	0.0	**316**	340
USA, California: Black	0.2	5.1	0.1	0.1	0.4	0.0	**371**	427
USA, California: Hispanic White	0.3	5.2	0.1	0.1	0.3	0.1	**1085**	1178
USA, California: Non-hispanic White	0.4	4.1	0.1	0.1	0.3	0.0	**3367**	3803
USA, Colorado	0.4	4.4	0.0	0.1	0.3	0.2	**672**	790
USA, Connecticut	0.5	5.2	0.1	0.1	0.5	0.1	**844**	925
USA, Connecticut: Black	0.2	4.8	0.2	-	0.6	0.1	**53**	57
USA, Connecticut: White	0.6	5.2	0.1	0.1	0.5	0.1	**775**	852
USA, District of Columbia	0.4	4.4	-	0.2	0.7	0.2	**117**	131
USA, District of Columbia: Black	0.4	5.3	-	0.3	0.8	0.3	**89**	102
USA, District of Columbia: White	0.3	2.0	-	-	0.6	0.1	**23**	24
USA, Florida	0.5	4.4	0.0	0.1	0.4	0.2	**3869**	4364
USA, Florida: Black	0.3	4.5	0.0	0.1	0.5	0.2	**330**	372
USA, Florida: White	0.5	4.4	0.0	0.1	0.3	0.2	**3500**	3950
USA, Georgia	0.5	4.6	0.0	0.1	0.4	0.2	**1393**	1585
USA, Georgia, Atlanta	0.5	3.9	0.0	0.1	0.4	0.1	**376**	420
USA, Georgia, Atlanta: Black	0.3	4.8	-	0.0	0.3	0.1	**122**	136
USA, Georgia, Atlanta: White	0.6	3.6	0.0	0.1	0.4	0.1	**245**	275
USA, Georgia: Black	0.2	5.4	0.0	0.1	0.2	0.1	**345**	394
USA, Georgia: White	0.5	4.4	0.0	0.1	0.4	0.2	**1031**	1173
USA, Idaho	0.6	5.9	0.0	0.1	0.6	0.1	**275**	309
USA, Illinois	0.5	5.5	0.0	0.1	0.4	0.1	**2878**	3237
USA, Illinois: Black	0.3	6.0	0.1	0.3	0.2	0.2	**368**	428
USA, Illinois: White	0.5	5.5	0.0	0.1	0.4	0.1	**2446**	2743
USA, Indiana	0.6	6.2	0.0	0.1	0.4	0.1	**1560**	1725
USA, Iowa	0.4	5.6	0.0	0.0	0.4	0.1	**725**	826
USA, Kentucky	0.6	5.8	0.0	0.1	0.3	0.2	**961**	1109
USA, Louisiana	0.4	6.4	0.0	0.2	0.4	0.2	**1099**	1263
USA, Louisiana, New Orleans: Black	0.2	6.2	0.1	-	0.4	0.2	**84**	98
USA, Louisiana, New Orleans: White	0.4	6.7	0.1	0.0	0.2	0.2	**169**	194
USA, Louisiana: Black	0.3	6.1	0.1	0.2	0.5	0.2	**280**	323
USA, Louisiana: White	0.4	6.6	0.0	0.2	0.3	0.2	**817**	937
USA, Maine	0.6	5.3	0.0	0.1	0.2	0.1	**312**	354
USA, Massachusetts	0.6	5.4	0.0	0.1	0.3	0.2	**1568**	1750

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Kidney and renal pelvis (C64-65) - Female (Contd)

	Carcinoma				Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.			MV	Total
America, North (Contd)								
USA, Michigan	0.4	5.4	0.1	0.1	0.4	0.2	**2227**	2505
USA, Michigan, Detroit	0.4	5.9	0.1	0.2	0.6	0.0	**1006**	1133
USA, Michigan, Detroit: Black	0.3	7.3	0.0	0.3	0.7	0.0	**264**	291
USA, Michigan, Detroit: White	0.5	5.6	0.1	0.2	0.6	0.0	**733**	832
USA, Michigan: Black	0.3	6.8	0.1	0.3	0.6	0.2	**325**	363
USA, Michigan: White	0.5	5.1	0.0	0.1	0.4	0.2	**1864**	2099
USA, Missouri	0.5	5.5	0.0	0.1	0.4	0.2	**1367**	1535
USA, Missouri: Black	0.3	6.0	-	0.0	0.1	0.3	**123**	140
USA, Missouri: White	0.5	5.5	0.0	0.1	0.4	0.2	**1229**	1378
USA, Montana	0.3	4.3	0.0	0.1	0.5	0.1	**172**	204
USA, New Jersey	0.5	5.3	0.1	0.1	0.4	0.2	**2058**	2297
USA, New Jersey: Black	0.2	5.3	0.1	0.1	0.5	0.3	**222**	245
USA, New Jersey: White	0.5	5.4	0.0	0.1	0.4	0.2	**1787**	1999
USA, New Mexico	0.2	4.8	0.0	0.1	0.3	0.1	**305**	362
USA, New Mexico: American Indian	-	7.1	-	0.2	0.2	-	**28**	31
USA, New Mexico: Hispanic White	0.3	6.0	0.1	0.2	0.4	0.1	**125**	148
USA, New Mexico: Non-Hispanic White	0.2	4.0	-	0.1	0.3	0.1	**144**	174
USA, New York state	0.5	4.9	0.1	0.2	0.4	0.2	**4239**	4849
USA, New York state: Black	0.3	4.2	0.1	0.2	0.5	0.2	**467**	528
USA, New York state: White	0.5	5.2	0.1	0.2	0.5	0.2	**3670**	4209
USA, NPCR	0.5	5.1	0.0	0.1	0.4	0.2	**47752**	53785
USA, NPCR: Black	0.3	5.5	0.1	0.1	0.4	0.2	**4824**	5481
USA, NPCR: White	0.5	5.1	0.0	0.1	0.4	0.2	**41531**	46775
USA, Ohio	0.5	5.4	0.0	0.2	0.4	0.1	**2712**	2999
USA, Ohio: Black	0.1	6.2	0.0	0.2	0.3	0.1	**274**	304
USA, Ohio: White	0.5	5.2	0.0	0.2	0.4	0.1	**2385**	2634
USA, Oklahoma	0.4	4.8	0.0	0.1	0.5	0.4	**736**	841
USA, Oregon	0.5	4.5	0.0	0.1	0.3	0.1	**645**	719
USA, Pennsylvania	0.5	5.5	0.1	0.1	0.4	0.1	**3268**	3696
USA, Pennsylvania: Black	0.3	6.3	0.1	0.2	0.3	0.1	**267**	319
USA, Pennsylvania: White	0.5	5.4	0.1	0.1	0.3	0.1	**2944**	3311
USA, Rhode Island	0.8	6.0	0.1	0.0	0.4	0.1	**290**	332
USA, SEER (9 registries)	0.4	4.8	0.1	0.1	0.4	0.1	**5077**	5720
USA, SEER (9 registries): Black	0.3	6.1	0.1	0.2	0.5	0.1	**575**	641
USA, SEER (9 registries): White	0.4	4.8	0.1	0.1	0.4	0.1	**4176**	4722
USA, SEER (14 registries)	0.4	4.7	0.1	0.1	0.3	0.1	**13785**	15524
USA, SEER (14 registries): Asian and Pacific Islander	0.2	2.2	0.1	0.0	0.2	0.1	**525**	573
USA, SEER (14 registries): Black	0.3	5.7	0.1	0.1	0.4	0.2	**1438**	1627
USA, SEER (14 registries): Hispanic White	0.3	5.2	0.1	0.1	0.3	0.1	**1453**	1589
USA, SEER (14 registries): Non-hispanic White	0.4	4.8	0.1	0.1	0.3	0.1	**10218**	11568
USA, South Carolina	0.4	5.0	0.1	0.1	0.4	0.1	**837**	929
USA, South Carolina: Black	0.2	5.8	0.0	0.1	0.6	0.0	**230**	255
USA, South Carolina: White	0.5	4.7	0.0	0.1	0.3	0.1	**597**	664
USA, Texas	0.5	5.9	0.0	0.1	0.3	0.3	**4280**	4843
USA, Texas: Black	0.3	6.9	0.0	0.1	0.4	0.4	**480**	560
USA, Texas: White	0.5	5.8	0.0	0.1	0.3	0.3	**3720**	4194
USA, Utah	0.3	4.4	0.0	0.0	0.3	0.0	**283**	306
USA, Vermont	0.4	5.2	-	0.1	0.3	0.0	**135**	146
USA, Washington State	0.4	4.8	0.1	0.1	0.3	0.1	**1083**	1252
USA, Washington, Seattle	0.3	4.8	0.1	0.1	0.3	0.1	**723**	833
USA, West Virginia	0.5	5.3	0.0	0.1	0.2	0.1	**479**	536
USA, Wisconsin	0.5	5.3	0.0	0.1	0.4	0.2	**1261**	1403
Asia								
Bahrain: Bahraini	0.4	2.6	-	-	0.3	0.3	**21**	25
China, Guangzhou City	0.2	0.4	0.0	0.4	0.2	0.1	**49**	77 *
China, Hong Kong	0.1	1.5	-	0.0	0.0	0.1	**387**	404
China, Jiashan	0.1	0.4	-	0.2	-	-	**7**	10 *
China, Nangang District, Harbin City	-	-	-	-	-	1.9	**40**	46
China, Shanghai	0.0	0.3	0.0	0.0	0.0	2.2	**450**	641 *
China, Zhongshan	0.1	0.3	-	0.2	0.0	-	**19**	21 *
Cyprus	0.3	1.7	-	-	0.7	0.1	**55**	58 *
India, Chennai (Madras)	0.0	0.4	-	-	0.3	0.1	**59**	71
India, Karunagappally	0.1	-	-	-	0.1	0.1	**2**	3
India, Mumbai (Bombay)	0.1	0.6	0.0	0.0	0.1	0.1	**177**	195
India, Nagpur	0.0	0.3	-	-	0.2	-	**21**	21 *
India, New Delhi	0.0	0.9	-	0.1	0.1	0.1	**201**	225 *
India, Poona	-	-	-	-	-	0.9	**55**	60 *
India, Trivandrum	-	0.1	-	-	0.1	0.1	**7**	10 *
Israel	0.4	4.8	0.0	0.0	0.3	0.3	**958**	1109
Israel: Jews	0.4	5.1	0.0	0.0	0.3	0.2	**921**	1042
Israel: Non-Jews	0.2	0.9	-	-	0.4	0.2	**28**	34
Japan, Aichi Prefecture	0.3	1.1	-	-	-	0.5	**63**	80
Japan, Fukui Prefecture	0.1	1.3	-	-	-	0.7	**74**	115
Japan, Hiroshima	0.5	1.7	-	0.1	0.1	0.0	**102**	122
Japan, Miyagi Prefecture	0.3	2.0	-	0.0	0.2	0.3	**265**	340
Japan, Nagasaki Prefecture	0.2	1.7	0.0	0.1	0.1	0.2	**186**	227
Japan, Osaka Prefecture	0.2	0.9	0.0	0.0	0.1	0.4	**537**	756
Japan, Yamagata Prefecture	0.2	1.4	-	-	-	0.5	**117**	173
Korea	0.1	1.2	0.0	0.0	0.2	0.4	**1674**	2123
Korea, Busan	0.1	1.3	-	0.0	0.2	0.5	**172**	228
Korea, Daegu	0.1	1.5	0.0	-	0.2	0.5	**125**	158
Korea, Daejeon	0.1	1.2	-	-	0.2	0.5	**51**	66
Korea, Gwangju	0.1	1.0	-	0.0	0.1	0.4	**44**	56
Korea, Incheon	0.2	1.2	0.0	0.1	0.3	0.5	**100**	127

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Kidney and renal pelvis (C64-65) - Female (Contd)

	Carcinoma				Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.			MV	Total
Asia (Contd)								
Korea, Jejudo	0.1	1.4	-	-	0.2	0.4	**17**	22
Korea, Seoul	0.2	1.5	0.0	0.0	0.2	0.5	**480**	597
Korea, Ulsan	0.2	1.3	-	-	0.1	0.3	**29**	35
Kuwait: Kuwaitis	-	1.1	-	0.1	0.3	0.5	**20**	27
Kuwait: Non-Kuwaitis	-	0.9	-	0.3	2.4	0.4	**14**	17
Malaysia, Penang	0.2	0.9	0.0	0.1	0.3	0.4	**33**	42
Malaysia, Sarawak	0.1	0.6	-	-	0.1	-	**28**	28
Oman: Omani	0.1	1.1	-	-	0.2	0.2	**31**	34 *
Pakistan, South Karachi	-	0.7	-	-	0.1	0.0	**20**	21 *
Philippines, Manila	0.2	1.4	-	0.4	0.2	0.4	**138**	225 *
Singapore	0.2	1.7	-	0.0	0.1	0.6	**185**	246
Singapore: Chinese	0.2	1.8	-	0.0	0.1	0.6	**159**	213
Singapore: Indian	0.2	0.9	-	-	-	0.4	**6**	8
Singapore: Malay	-	1.4	-	-	0.4	0.5	**20**	25
Thailand, Chiang Mai	0.5	0.2	-	-	-	0.3	**26**	35 *
Thailand, Lampang	0.2	0.1	-	-	0.0	0.3	**8**	14 *
Thailand, Songkhla	0.2	0.2	-	-	0.1	0.2	**13**	17
Turkey, Antalya	0.2	1.2	-	0.0	0.3	0.0	**48**	52 *
Turkey, Izmir	0.2	1.4	-	0.0	0.1	0.1	**139**	148 *
Europe								
Austria	0.4	5.5	0.0	0.2	0.3	0.5	**2572**	2854
Austria, Tyrol	0.2	5.6	0.0	0.2	0.2	0.4	**171**	191
Austria, Vorarlberg	0.1	4.8	-	0.1	-	0.4	**70**	78
Belarus	0.1	3.9	0.1	0.0	0.4	1.6	**1786**	2549 *
Belgium, Antwerp	0.3	3.4	0.0	0.0	0.2	0.2	**316**	343 *
Belgium, Flanders	0.3	4.1	0.0	0.1	0.4	0.3	**1069**	1180
Bulgaria	0.1	1.3	0.0	0.1	0.2	0.7	**549**	844 *
Croatia	0.2	1.7	-	1.1	0.2	1.8	**640**	1016
Czech Republic	0.6	7.2	0.0	0.1	0.2	1.9	**3686**	4858
Denmark	0.8	3.2	0.0	0.1	0.3	0.6	**1038**	1274
Estonia	0.1	5.2	0.0	0.2	0.2	0.9	**390**	478
Finland *(data not available)*	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	0.4	5.6	-	-	0.6	0.3	**287**	312
France, Calvados	0.2	3.4	-	0.1	0.2	0.2	**100**	107
France, Doubs	0.3	3.2	-	0.0	0.1	0.1	**75**	82
France, Haut-Rhin	0.3	5.8	0.0	0.1	0.2	0.3	**194**	215
France, Herault	0.2	3.1	0.0	0.0	0.5	0.1	**162**	169
France, Isere	0.2	3.4	0.1	0.0	0.4	0.3	**179**	205
France, Loire-Atlantique	0.4	4.1	0.0	0.1	0.4	0.1	**237**	245
France, Manche	0.2	3.5	0.1	-	-	0.2	**91**	99
France, Somme	0.2	4.0	0.0	0.1	0.1	0.4	**103**	117
France, Tarn	0.5	2.6	0.3	0.0	-	0.3	**68**	81
France, Vendee	0.3	2.9	0.0	0.3	0.5	0.2	**102**	108
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	**-**	-
Germany, Hamburg	0.5	3.6	-	0.2	0.3	0.0	**335**	434
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	**-**	-
Germany, Munich	0.5	4.4	0.1	0.1	0.3	0.6	**614**	741
Germany, Northrhine-Westphalia: Munster	0.4	4.3	0.0	0.1	0.3	0.1	**627**	744
Germany, Saarland	0.4	5.0	0.0	0.3	0.4	0.4	**343**	375
Iceland	0.7	6.2	0.1	0.2	0.2	0.9	**74**	87
Ireland	0.2	2.9	-	0.1	0.4	0.7	**422**	547
Italy, Biella Province	0.2	3.1	0.0	-	-	0.6	**40**	55
Italy, Brescia Province	0.3	4.2	0.5	0.4	0.4	1.1	**170**	209
Italy, Ferrara Province	0.5	4.3	-	0.1	0.0	0.4	**113**	138
Italy, Florence and Prato	0.2	4.4	0.1	0.1	0.2	0.6	**328**	403
Italy, Genoa Province	0.3	3.2	0.1	0.2	0.0	0.9	**129**	184
Italy, Macerata Province	0.0	3.5	-	0.3	0.1	0.6	**41**	51
Italy, Milan	0.3	3.9	-	0.1	0.3	0.8	**280**	362
Italy, Modena Province	0.4	4.8	-	0.1	0.6	0.5	**183**	217
Italy, Naples	0.2	2.8	0.1	0.1	0.7	1.1	**64**	86
Italy, North East Cancer Surveillance Network	0.3	3.9	-	0.8	0.2	0.5	**595**	660
Italy, Parma Province	0.3	4.0	0.1	0.3	1.0	0.6	**104**	131
Italy, Ragusa Province	0.2	1.3	0.1	-	0.6	1.3	**27**	41
Italy, Reggio Emilia Province	0.3	4.2	-	0.4	-	0.6	**107**	137
Italy, Romagna Region	0.3	5.2	-	0.1	0.3	1.2	**310**	398
Italy, Salerno Province	0.2	1.6	-	0.0	0.3	1.2	**75**	123
Italy, Sassari Province	0.2	2.2	-	0.3	0.6	0.6	**61**	82
Italy, Sondrio	0.3	4.9	-	-	1.0	0.9	**42**	53
Italy, Syracuse Province	0.1	1.5	-	-	0.6	0.5	**27**	38
Italy, Torino	0.4	3.2	-	0.2	0.4	0.5	**214**	273
Italy, Umbria Region	0.4	2.8	-	0.5	0.8	1.2	**179**	246
Italy, Varese Province	0.3	4.4	0.1	0.1	0.4	0.5	**117**	140
Italy, Veneto Region	0.5	5.0	0.0	0.3	0.3	0.8	**484**	601
Latvia	0.1	4.6	0.0	0.0	0.3	2.2	**537**	851
Lithuania	0.2	4.9	0.0	0.2	0.5	2.2	**910**	1243
Malta	0.1	3.1	0.1	-	-	0.3	**49**	56
Norway	0.2	3.4	0.0	0.1	0.4	0.5	**795**	1013
Poland, Cracow	0.2	2.8	-	0.4	0.0	2.0	**117**	194 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	**-**	-
Poland, Warsaw City	0.3	2.7	0.0	0.2	0.3	1.5	**270**	400
Portugal, Porto	0.2	1.8	-	0.0	0.3	0.1	**272**	281 *
Portugal, South Regional	0.1	1.8	-	0.1	0.3	0.2	**291**	311
Russia, St Petersburg	0.2	3.6	0.0	0.6	0.3	1.8	**1073**	1624

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Kidney and renal pelvis (C64-65) - Female (Contd)

	Carcinoma				Other	Unspec.	Number of cases	
	Squamous	Adeno	Other	Unspec.			MV	Total
Europe (Contd)								
Serbia	0.6	1.5	0.0	0.1	0.3	0.7	**517**	663
Slovak Republic	0.5	4.4	0.0	0.1	0.4	1.1	**1024**	1326
Slovenia	0.3	3.1	-	0.0	0.6	0.5	**377**	389
Spain, Albacete	0.2	2.0	-	0.3	-	0.2	**31**	35
Spain, Asturias	0.2	2.9	-	0.0	0.3	0.3	**164**	219
Spain, Basque Country	0.3	2.9	0.0	0.1	0.5	0.5	**271**	344
Spain, Canary Islands	0.3	1.4	0.1	0.1	0.4	0.3	**99**	131
Spain, Cuenca	0.5	1.6	-	0.2	0.6	0.7	**23**	33
Spain, Girona	0.3	2.7	-	0.0	0.1	0.3	**76**	93
Spain, Granada	0.2	2.1	0.2	0.1	0.2	0.4	**82**	102
Spain, Murcia	0.3	1.9	0.0	0.1	0.3	0.2	**107**	122
Spain, Navarra	0.2	2.5	-	0.1	0.3	0.2	**78**	100
Spain, Tarragona	0.2	1.9	-	0.1	0.3	0.4	**55**	71
Spain, Zaragoza	0.1	2.3	-	0.1	0.5	0.1	**108**	114
Sweden	0.4	3.6	0.0	0.0	0.4	0.2	**1926**	2057
Switzerland, Geneva	0.1	2.4	-	0.0	0.2	0.2	**48**	58
Switzerland, Graubunden and Glarus	0.3	3.4	-	-	0.4	0.3	**40**	47
Switzerland, Neuchatel	0.6	3.0	-	-	-	0.2	**29**	32
Switzerland, St Gall-Appenzell	0.5	3.3	-	0.0	0.1	0.1	**92**	100
Switzerland, Ticino	0.1	2.9	-	0.1	0.2	0.3	**55**	64
Switzerland, Valais	0.1	2.9	-	0.0	0.6	0.1	**38**	41
Switzerland, Vaud	0.5	3.0	0.1	0.3	0.2	0.4	**113**	132
The Netherlands	0.4	3.4	0.0	0.0	0.3	0.6	**2726**	3251
The Netherlands, Eindhoven	0.4	3.3	0.0	0.1	0.5	0.6	**171**	207
The Netherlands, Maastricht	0.5	3.4	0.1	0.0	0.8	0.3	**177**	197
UK, England, East of England Region	0.2	2.6	0.0	0.4	0.3	0.0	**339**	487
UK, England, Merseyside and Cheshire	0.4	2.8	0.0	0.4	0.3	0.0	**285**	452
UK, England, North Western	0.4	2.8	-	0.6	0.3	0.0	**515**	805
UK, England, Northern And Yorkshire	0.4	3.4	0.0	0.3	0.3	0.3	**1035**	1509
UK, England, Oxford Region	0.3	2.8	-	0.4	0.3	0.0	**319**	430
UK, England, South and Western Regions	0.3	2.7	0.0	0.3	0.3	0.5	**967**	1410
UK, England, Thames	0.3	2.2	0.0	0.4	0.3	0.2	**1337**	2147
UK, England, Trent	0.4	2.8	0.0	0.6	0.3	0.1	**610**	1000
UK, England, West Midlands	0.3	2.7	-	0.4	0.4	0.1	**658**	928
UK, Northern Ireland	0.2	2.7	0.0	0.2	0.2	0.9	**208**	299
UK, Scotland	0.4	3.1	0.0	0.5	0.3	0.5	**840**	1224
Oceania								
Australia, New South Wales	0.9	4.3	0.0	0.2	0.4	0.0	**1355**	1543
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-
Australia, Queensland	1.2	4.2	0.0	0.2	0.3	0.0	**663**	813
Australia, South	0.5	4.2	0.0	0.1	0.3	0.1	**273**	336
Australia, Tasmania	0.2	5.7	-	0.0	0.2	0.5	**113**	130
Australia, Victoria	0.4	4.4	0.0	0.0	0.5	0.5	**931**	1085
Australia, Western	0.7	4.1	0.0	0.1	0.4	0.1	**297**	348
Australian Capital Territory	0.6	5.6	0.1	0.2	0.5	-	**67**	72
French Polynesia	0.5	0.6	-	0.3	0.4	0.6	**6**	10
New Zealand	0.3	3.4	-	0.1	0.4	0.6	**522**	655
USA, Hawaii	0.2	3.3	0.1	0.1	0.1	0.3	**170**	192
USA, Hawaii: Chinese	-	2.0	-	0.1	-	0.3	**10**	13
USA, Hawaii: Filipino	0.2	3.2	0.2	-	-	0.1	**28**	28
USA, Hawaii: Hawaiian	-	3.9	-	-	-	-	**20**	21
USA, Hawaii: Japanese	0.3	2.8	0.1	0.1	-	0.5	**51**	61
USA, Hawaii: White	0.1	3.8	-	0.1	0.3	0.2	**49**	52

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Bladder (C67) - Male

	Carcinoma					Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Transitional	Adeno	Other	Unspec.				MV	Total
Africa										
Algeria, Setif	0.5	2.2	0.5	0.1	0.5	-	-	0.8	**70**	81 *
Egypt, Gharbiah	4.7	17.8	1.2	0.0	1.2	0.0	-	2.9	**991**	1080
Tunisia, Centre, Sousse	0.2	17.9	0.3	0.1	0.4	-	-	-	**174**	175 *
Uganda, Kyadondo County	0.1	0.9	0.0	-	0.3	0.1	-	1.5	**15**	29 *
Zimbabwe, Harare: African	1.0	1.3	0.1	-	2.9	0.1	-	1.1	**45**	95 *
America, Central and South										
Argentina, Bahia Blanca	-	11.0	0.8	-	3.1	-	-	0.2	**121**	136
Brazil, Brasilia	0.4	9.3	0.5	-	0.2	0.0	-	2.2	**226**	238
Brazil, Cuiaba	0.5	5.0	0.9	-	0.2	-	-	0.4	**40**	41
Brazil, Goiania	0.2	11.1	0.4	-	0.4	-	0.1	0.6	**156**	168
Brazil, Sao Paulo	0.1	12.9	0.5	0.0	0.9	0.0	0.0	2.4	**2839**	3309
Chile, Valdivia	-	3.2	-	-	0.1	-	-	0.5	**32**	35
Colombia, Cali	0.2	6.8	0.3	-	0.4	0.0	-	1.0	**260**	293
Costa Rica	0.0	4.4	0.2	-	0.1	-	-	1.0	**343**	423
Ecuador, Quito	0.2	4.0	0.1	-	0.2	-	-	0.8	**120**	141
France, La Martinique	0.2	5.0	0.5	-	0.4	-	-	1.0	**77**	88
Peru, Trujillo	0.1	2.7	0.4	-	0.5	-	-	0.1	**33**	33 *
America, North										
Canada (excluding Quebec, Yukon and Nunavut)	0.1	15.5	0.2	0.1	0.2	0.0	0.0	1.2	**13852**	15145
Canada, Alberta	0.2	18.5	0.2	0.1	0.3	0.0	0.0	0.1	**1776**	1812
Canada, British Columbia	0.2	19.2	0.1	0.1	0.2	0.0	0.0	0.3	**3230**	3282
Canada, Manitoba	0.1	14.5	0.3	0.2	0.4	-	0.0	0.9	**668**	734
Canada, New Brunswick	0.1	21.6	0.1	0.2	0.4	0.1	-	0.2	**635**	647
Canada, Newfoundland and Labrador	0.1	18.3	0.2	-	0.1	-	-	-	**378**	378
Canada, Northwest Territories	-	10.3	-	-	-	-	-	-	**9**	9
Canada, Nova Scotia	0.3	23.6	0.3	0.0	0.2	0.1	0.0	0.7	**879**	911
Canada, Ontario	0.1	12.1	0.3	0.1	0.1	0.0	0.0	2.1	**5371**	6445
Canada, Prince Edward Island	0.2	17.1	0.4	-	0.1	-	-	-	**96**	96
Canada, Saskatchewan	0.1	18.6	0.1	0.1	0.4	-	0.0	0.3	**810**	831
USA, Alabama	0.1	16.2	0.2	0.1	0.3	0.0	0.0	0.1	**2670**	2720
USA, Alabama: Black	0.3	6.7	0.1	0.0	0.2	-	0.0	0.1	**214**	221
USA, Alabama: White	0.1	18.2	0.3	0.1	0.3	0.0	0.0	0.2	**2419**	2462
USA, Alaska	-	20.5	-	0.3	0.4	-	-	0.5	**302**	307
USA, Arizona	0.1	19.7	0.3	0.1	0.3	0.0	0.0	0.2	**4051**	4103
USA, California	0.2	18.0	0.2	0.1	0.3	0.0	0.0	0.1	**20410**	20643
USA, California, Greater San Francisco Bay Area	0.2	16.5	0.2	0.1	0.3	0.0	0.0	0.1	**3742**	3784
USA, California, Greater San Francisco Bay Area: Black	0.2	9.7	0.4	-	0.2	0.1	0.1	0.2	**143**	145
USA, California, Greater San Francisco Bay Area: Chinese	-	6.2	0.0	0.0	0.4	-	0.1	0.1	**125**	129
USA, California, Greater San Francisco Bay Area: Filipino	0.2	6.5	-	-	0.2	-	-	0.1	**65**	68
USA, California, Greater San Francisco Bay Area: Hispanic White	0.2	10.1	0.2	0.1	0.2	-	-	-	**225**	227
USA, California, Greater San Francisco Bay Area: Japanese	0.3	8.9	-	0.1	-	-	-	-	**37**	37
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	0.2	20.9	0.2	0.1	0.3	0.0	0.0	0.1	**2992**	3022
USA, California, Los Angeles County	0.2	16.3	0.2	0.1	0.3	0.0	0.0	0.1	**4735**	4768
USA, California, Los Angeles County: Black	0.5	10.1	0.2	0.2	0.4	0.0	-	0.1	**294**	301
USA, California, Los Angeles County: Chinese	-	8.8	0.2	-	0.3	-	-	-	**121**	122
USA, California, Los Angeles County: Filipino	0.1	6.1	0.1	0.1	-	-	-	-	**57**	57
USA, California, Los Angeles County: Hispanic White	0.1	8.7	0.2	0.1	0.1	0.0	0.0	0.0	**534**	538
USA, California, Los Angeles County: Japanese	-	11.0	-	0.1	0.2	-	-	-	**88**	88
USA, California, Los Angeles County: Korean	-	7.8	-	0.2	0.3	-	-	-	**43**	44
USA, California, Los Angeles County: Non-Hispanic White	0.2	22.9	0.2	0.1	0.3	0.0	0.0	0.1	**3504**	3524
USA, California: Asian and Pacific Islander	0.0	7.5	0.1	0.0	0.2	-	0.0	0.0	**954**	969
USA, California: Black	0.3	10.2	0.3	0.2	0.2	0.1	0.1	0.1	**647**	659
USA, California: Hispanic White	0.1	9.3	0.2	0.1	0.2	0.1	0.0	0.1	**1512**	1534
USA, California: Non-hispanic White	0.2	22.2	0.2	0.1	0.3	0.0	0.0	0.1	**17006**	17188
USA, Colorado	0.2	19.5	0.2	0.1	0.3	0.0	0.0	0.3	**2617**	2662
USA, Connecticut	0.2	25.3	0.2	0.1	0.4	0.0	0.0	0.1	**3419**	3457
USA, Connecticut: Black	0.4	9.3	0.2	0.1	0.2	-	-	0.2	**71**	73
USA, Connecticut: White	0.2	26.2	0.2	0.1	0.5	0.0	0.0	0.1	**3293**	3329
USA, District of Columbia	0.3	13.3	0.3	-	0.4	0.1	-	0.2	**267**	273
USA, District of Columbia: Black	0.4	11.0	0.2	-	0.4	0.1	-	0.2	**145**	147
USA, District of Columbia: White	0.2	16.3	0.1	-	0.4	0.1	-	0.3	**107**	110
USA, Florida	0.2	22.1	0.3	0.1	0.5	0.0	0.0	0.4	**18260**	18528
USA, Florida: Black	0.3	8.0	0.4	0.0	0.3	0.1	-	0.2	**480**	495
USA, Florida: White	0.2	23.4	0.3	0.1	0.5	0.0	0.0	0.4	**17550**	17800
USA, Georgia	0.2	17.6	0.2	0.1	0.3	0.0	0.0	0.3	**4199**	4275
USA, Georgia, Atlanta	0.2	16.4	0.3	0.2	0.3	0.1	0.0	0.1	**1132**	1147
USA, Georgia, Atlanta: Black	0.3	8.7	0.3	0.1	0.5	0.1	-	0.1	**150**	153
USA, Georgia, Atlanta: White	0.2	19.1	0.3	0.2	0.3	0.0	0.0	0.2	**959**	971
USA, Georgia: Black	0.3	9.6	0.4	0.1	0.4	0.0	-	0.2	**456**	466
USA, Georgia: White	0.2	19.8	0.2	0.1	0.3	0.0	0.0	0.3	**3708**	3773
USA, Idaho	0.2	21.6	0.1	0.1	0.2	-	0.1	0.1	**996**	1008
USA, Illinois	0.1	21.7	0.2	0.1	0.4	0.0	0.0	0.2	**9502**	9640
USA, Illinois: Black	0.2	10.0	0.1	-	0.3	0.0	0.0	0.2	**468**	477
USA, Illinois: White	0.1	23.1	0.3	0.1	0.4	0.0	0.0	0.2	**8779**	8908
USA, Indiana	0.2	20.4	0.3	0.1	0.3	0.1	0.0	0.2	**4432**	4492
USA, Iowa	0.2	21.1	0.2	0.1	0.2	0.0	0.0	0.2	**2570**	2611
USA, Kentucky	0.3	21.6	0.2	0.1	0.3	-	0.0	0.3	**3102**	3158
USA, Louisiana	0.2	18.4	0.3	0.1	0.3	0.0	0.0	0.2	**2814**	2849
USA, Louisiana, New Orleans: Black	0.3	12.0	0.2	0.1	0.7	0.2	-	0.2	**130**	131
USA, Louisiana, New Orleans: White	0.3	22.5	0.3	0.1	0.1	-	0.1	0.3	**530**	536
USA, Louisiana: Black	0.3	9.4	0.5	0.1	0.4	0.1	0.0	0.1	**358**	365
USA, Louisiana: White	0.2	21.4	0.3	0.1	0.3	0.0	0.0	0.2	**2436**	2463
USA, Maine	0.1	26.4	0.3	0.1	0.4	0.1	-	0.3	**1363**	1393
USA, Massachusetts	0.2	26.0	0.2	0.1	0.2	0.0	0.0	0.2	**6161**	6244

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Bladder (C67) - Male (Contd)

	Carcinoma					Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Transitional	Adeno	Other	Unspec.				MV	Total
America, North (Contd)										
USA, Michigan	0.2	23.3	0.2	0.1	0.3	0.0	0.0	0.3	**8399**	8537
USA, Michigan, Detroit	0.2	23.9	0.3	0.1	0.4	0.0	0.0	0.1	**3395**	3423
USA, Michigan, Detroit: Black	0.3	10.7	0.4	-	0.3	-	-	0.1	**306**	308
USA, Michigan, Detroit: White	0.2	27.5	0.3	0.1	0.5	0.1	0.1	0.1	**3067**	3093
USA, Michigan: Black	0.3	10.7	0.4	-	0.2	-	-	0.2	**410**	417
USA, Michigan: White	0.2	24.8	0.2	0.1	0.3	0.0	0.0	0.3	**7878**	8007
USA, Missouri	0.2	19.7	0.2	0.1	0.2	0.0	0.0	0.3	**4258**	4338
USA, Missouri: Black	0.6	10.0	0.5	0.1	0.1	-	-	0.2	**163**	166
USA, Missouri: White	0.2	20.5	0.2	0.1	0.2	0.1	0.0	0.3	**4069**	4145
USA, Montana	0.1	21.3	0.2	0.1	0.5	-	0.1	0.0	**810**	827
USA, New Jersey	0.2	24.9	0.3	0.1	0.4	0.0	0.0	0.3	**8003**	8084
USA, New Jersey: Black	0.2	10.7	0.3	0.1	0.2	-	-	0.2	**322**	325
USA, New Jersey: White	0.2	27.1	0.3	0.1	0.4	0.0	0.0	0.3	**7525**	7603
USA, New Mexico	0.1	15.7	0.2	0.0	0.2	0.0	0.0	0.2	**1043**	1064
USA, New Mexico: American Indian	-	3.7	-	-	-	-	-	-	**12**	12
USA, New Mexico: Hispanic White	0.2	10.2	0.2	-	0.1	0.0	-	0.1	**202**	208
USA, New Mexico: Non-Hispanic White	0.1	19.9	0.2	0.1	0.3	-	0.0	0.2	**817**	832
USA, New York state	0.2	22.7	0.3	0.1	0.5	0.0	0.0	0.3	**15887**	16299
USA, New York state: Black	0.2	9.0	0.3	0.0	0.3	0.0	0.0	0.2	**675**	697
USA, New York state: White	0.2	25.1	0.3	0.1	0.6	0.0	0.0	0.3	**14926**	15312
USA, NPCR	0.2	20.9	0.2	0.1	0.4	0.0	0.0	0.2	**172592**	175440
USA, NPCR: Black	0.3	9.4	0.3	0.1	0.3	0.0	0.0	0.2	**6453**	6605
USA, NPCR: White	0.2	22.3	0.2	0.1	0.4	0.0	0.0	0.3	**161763**	164400
USA, Ohio	0.1	22.0	0.3	0.1	0.6	0.0	0.0	0.3	**9512**	9715
USA, Ohio: Black	0.2	10.5	0.5	-	0.2	-	-	0.1	**373**	387
USA, Ohio: White	0.1	22.4	0.3	0.1	0.6	0.0	0.0	0.3	**8810**	8991
USA, Oklahoma	0.1	17.3	0.3	0.1	0.3	0.1	0.0	0.5	**2324**	2404
USA, Oregon	0.2	23.5	0.2	0.2	0.2	0.0	0.0	0.2	**3137**	3190
USA, Pennsylvania	0.2	25.0	0.2	0.1	0.3	0.0	0.0	0.2	**13004**	13141
USA, Pennsylvania: Black	0.4	11.8	0.3	0.1	0.3	-	-	0.1	**416**	418
USA, Pennsylvania: White	0.2	26.0	0.2	0.1	0.3	0.0	0.0	0.2	**12411**	12544
USA, Rhode Island	0.1	29.9	0.3	0.1	0.2	0.0	0.0	0.5	**1234**	1254
USA, SEER (9 registries)	0.2	20.2	0.2	0.1	0.3	0.0	0.0	0.1	**18962**	19184
USA, SEER (9 registries): Black	0.3	9.8	0.4	0.1	0.3	0.0	0.0	0.1	**724**	734
USA, SEER (9 registries): White	0.2	22.3	0.2	0.1	0.3	0.0	0.0	0.1	**17311**	17511
USA, SEER (14 registries)	0.2	19.8	0.2	0.1	0.3	0.0	0.0	0.1	**50862**	51459
USA, SEER (14 registries): Asian and Pacific Islander	0.1	8.1	0.1	0.0	0.2	-	0.0	0.0	**1566**	1585
USA, SEER (14 registries): Black	0.3	10.2	0.3	0.1	0.3	0.0	0.0	0.1	**2048**	2080
USA, SEER (14 registries): Hispanic White	0.1	10.2	0.2	0.1	0.2	0.1	0.0	0.1	**2206**	2241
USA, SEER (14 registries): Non-hispanic White	0.2	23.1	0.2	0.1	0.3	0.0	0.0	0.2	**44497**	45005
USA, South Carolina	0.2	18.7	0.2	0.1	0.2	0.0	0.0	0.2	**2641**	2691
USA, South Carolina: Black	0.3	7.9	0.2	0.1	0.1	-	0.0	0.2	**249**	257
USA, South Carolina: White	0.2	21.5	0.3	0.1	0.3	0.0	0.0	0.2	**2366**	2407
USA, Texas	0.1	16.2	0.2	0.1	0.3	0.0	0.0	0.3	**10289**	10569
USA, Texas: Black	0.2	8.6	0.3	0.0	0.3	0.0	0.0	0.3	**482**	504
USA, Texas: White	0.1	17.0	0.2	0.1	0.3	0.0	0.0	0.3	**9610**	9864
USA, Utah	0.2	16.0	0.1	0.1	0.2	-	0.0	0.1	**996**	1001
USA, Vermont	0.2	21.2	0.2	0.3	0.8	0.0	-	0.2	**509**	522
USA, Washington State	0.2	22.8	0.2	0.1	0.2	0.0	0.0	0.1	**4809**	4877
USA, Washington, Seattle	0.2	22.9	0.2	0.2	0.3	0.0	0.1	0.1	**3254**	3292
USA, West Virginia	0.1	23.0	0.2	0.0	0.3	0.0	-	0.3	**1795**	1817
USA, Wisconsin	0.1	20.9	0.3	0.1	0.4	0.1	0.0	0.3	**4347**	4435
Asia										
Bahrain: Bahraini	0.6	10.7	1.3	-	1.4	-	-	0.7	**73**	81
China, Guangzhou City	0.1	4.3	0.2	-	1.8	0.0	0.0	0.1	**274**	351 *
China, Hong Kong	0.1	9.9	0.2	0.0	0.1	0.0	0.0	0.6	**2376**	2499
China, Jiashan	0.2	5.3	0.2	-	0.1	0.1	-	-	**71**	73 *
China, Nangang District, Harbin City	-	-	-	-	-	-	-	6.2	**116**	138
China, Shanghai	0.0	1.1	0.1	-	0.0	0.0	-	6.8	**1595**	1996 *
China, Zhongshan	0.1	3.6	0.0	-	1.3	0.0	-	-	**149**	169 *
Cyprus	0.1	19.8	0.3	0.1	0.3	-	0.1	0.0	**495**	500 *
India, Chennai (Madras)	0.1	1.6	0.1	-	0.1	0.0	-	0.8	**170**	238
India, Karunagappally	0.5	2.9	0.2	-	-	-	-	0.6	**30**	35
India, Mumbai (Bombay)	0.1	2.7	0.1	0.0	0.0	0.0	-	0.9	**596**	767
India, Nagpur	0.2	2.5	0.1	-	-	-	-	0.1	**105**	109 *
India, New Delhi	0.1	3.0	0.1	0.0	1.4	0.0	-	1.6	**845**	1128 *
India, Poona	-	-	-	-	-	-	-	2.8	**138**	167 *
India, Trivandrum	0.0	1.8	0.0	-	0.0	-	-	0.1	**49**	51 *
Israel	0.1	25.8	0.3	0.1	0.5	0.0	0.0	0.9	**4558**	4767
Israel: Jews	0.1	26.2	0.3	0.0	0.6	0.0	0.1	0.8	**4245**	4422
Israel: Non-Jews	-	17.2	0.2	0.1	-	-	-	0.6	**250**	255
Japan, Aichi Prefecture	0.2	9.3	0.2	0.0	-	-	-	0.8	**388**	415
Japan, Fukui Prefecture	0.1	9.7	0.2	-	0.0	-	-	0.8	**445**	473
Japan, Hiroshima	0.1	15.8	0.3	-	0.3	-	-	0.1	**707**	718
Japan, Miyagi Prefecture	0.2	9.2	0.1	0.0	0.1	0.0	0.0	1.0	**1026**	1174
Japan, Nagasaki Prefecture	0.1	10.9	0.1	0.0	0.7	-	0.0	0.0	**896**	951
Japan, Osaka Prefecture	0.1	5.8	0.1	0.0	0.1	0.0	0.0	1.7	**2428**	3011
Japan, Yamagata Prefecture	0.3	5.9	0.1	0.0	0.1	0.0	-	1.0	**477**	549
Korea	0.1	7.6	0.2	0.0	0.1	0.0	0.0	1.1	**6688**	7405
Korea, Busan	0.0	8.4	0.1	-	0.0	0.0	-	1.5	**676**	766
Korea, Daegu	0.0	8.0	0.2	-	0.1	0.0	0.0	0.8	**421**	447
Korea, Daejeon	0.0	8.5	0.4	0.0	-	0.0	-	1.2	**217**	236
Korea, Gwangju	0.0	8.4	0.3	-	0.2	-	-	1.3	**220**	242
Korea, Incheon	0.0	7.6	0.1	0.0	0.1	0.0	-	1.1	**355**	395

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Bladder (C67) - Male (Contd)

	Carcinoma					Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Transitional	Adeno	Other	Unspec.				MV	Total
Asia (Contd)										
Korea, Jejudo	0.1	5.3	0.1	-	-	-	-	1.2	**43**	47
Korea, Seoul	0.0	9.7	0.2	0.0	0.1	0.0	0.0	1.0	**1892**	2022
Korea, Ulsan	-	6.5	0.5	-	0.1	-	-	1.4	**83**	95
Kuwait: Kuwaitis	0.2	4.6	0.1	-	0.2	0.0	-	1.1	**46**	57
Kuwait: Non-Kuwaitis	0.3	5.9	-	-	0.5	-	-	0.3	**101**	103
Malaysia, Penang	0.1	5.3	0.5	-	0.2	-	-	1.2	**122**	128
Malaysia, Sarawak	0.1	2.3	0.3	-	0.1	0.0	-	0.3	**99**	107
Oman: Omani	0.6	4.0	0.1	-	0.1	-	-	0.2	**83**	85 *
Pakistan, South Karachi	0.2	8.5	0.2	-	0.3	-	-	-	**218**	219 *
Philippines, Manila	0.1	3.4	0.2	-	0.2	-	-	0.7	**237**	279 *
Singapore	0.1	6.9	0.2	0.1	0.1	0.0	0.0	0.2	**586**	600
Singapore: Chinese	0.0	7.3	0.2	0.1	0.1	0.1	0.0	0.2	**482**	493
Singapore: Indian	-	4.3	0.1	-	-	-	-	0.1	**34**	35
Singapore: Malay	0.2	7.1	0.2	-	0.1	-	-	0.3	**70**	72
Thailand, Chiang Mai	0.2	4.3	0.2	-	-	-	-	0.4	**188**	199 *
Thailand, Lampang	0.2	4.5	-	-	-	-	-	0.9	**101**	121 *
Thailand, Songkhla	0.1	3.7	0.1	0.0	0.0	-	-	0.5	**106**	119
Turkey, Antalya	0.2	13.7	0.3	0.1	0.2	0.0	-	1.4	**416**	445 *
Turkey, Izmir	0.4	15.3	0.4	0.1	0.4	0.0	0.0	1.0	**1294**	1353 *
Europe										
Austria	0.1	18.4	0.2	0.1	1.3	0.1	0.0	0.7	**6476**	6654
Austria, Tyrol	0.1	24.5	0.1	0.1	0.5	-	-	0.6	**622**	630
Austria, Vorarlberg	0.4	22.5	0.1	-	0.9	-	-	0.5	**275**	284
Belarus	0.4	10.9	0.5	0.0	0.2	0.0	0.0	2.3	**3945**	4323 *
Belgium, Antwerp	0.2	20.1	0.3	0.1	0.7	0.0	0.0	0.1	**1686**	1691 *
Belgium, Flanders	0.2	22.6	0.4	0.1	1.7	0.0	0.0	0.7	**5354**	5587
Bulgaria	0.3	9.7	0.2	-	0.2	0.0	0.0	2.5	**3418**	4313 *
Croatia	0.2	11.5	0.3	-	1.5	-	-	4.6	**2322**	3079
Czech Republic	0.2	18.1	0.3	0.0	0.3	0.0	0.0	1.0	**6995**	7424
Denmark	0.2	24.8	0.3	0.1	0.2	0.0	0.0	0.8	**5793**	6154
Estonia	0.2	14.5	0.3	-	0.6	0.0	0.0	0.6	**719**	743
Finland *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	0.3	14.9	0.3	0.0	0.3	0.1	0.0	0.2	**582**	588
France, Calvados	0.1	13.2	0.2	0.2	0.2	-	-	1.0	**376**	378
France, Doubs	0.2	14.8	0.5	-	0.1	0.0	0.1	0.1	**308**	311
France, Haut-Rhin	0.4	17.9	0.2	-	0.1	-	0.0	0.1	**498**	504
France, Herault	0.2	14.9	0.1	0.1	0.2	0.1	0.0	0.1	**691**	695
France, Isere	0.2	14.4	0.2	0.1	0.1	0.1	0.0	0.1	**645**	652
France, Loire-Atlantique	0.1	11.7	0.5	0.0	0.1	-	0.0	0.1	**535**	538
France, Manche	0.2	10.4	0.3	0.1	0.1	0.0	0.0	0.5	**275**	279
France, Somme	0.3	14.2	0.3	0.2	0.4	0.1	0.0	0.3	**356**	363
France, Tarn	0.5	14.1	-	0.2	0.1	-	0.1	0.3	**303**	310
France, Vendee	0.1	10.3	0.3	0.2	0.1	0.0	-	0.2	**293**	295
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	0.2	18.9	0.2	0.0	1.6	0.0	-	0.3	**1418**	1603
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
Germany, Munich	0.1	18.1	0.2	-	0.1	0.0	0.0	1.3	**1837**	1968
Germany, Northrhine-Westphalia: Munster	0.2	19.4	0.2	0.1	2.5	0.0	0.0	0.3	**2313**	2526
Germany, Saarland	0.2	11.5	0.3	-	0.4	0.1	-	0.4	**625**	645
Iceland	0.1	19.5	0.1	-	0.3	-	-	0.3	**192**	196
Ireland	0.1	12.8	0.2	0.0	0.3	0.0	0.0	0.9	**1715**	1844
Italy, Biella Province	0.1	31.0	0.4	-	0.4	-	-	1.2	**317**	330
Italy, Brescia Province	0.2	27.8	0.5	0.2	0.3	0.1	0.0	3.7	**758**	836
Italy, Ferrara Province	0.0	33.1	0.6	0.1	0.2	-	0.0	1.3	**672**	737
Italy, Florence and Prato	0.1	34.0	0.1	0.1	0.3	0.0	-	2.6	**2132**	2310
Italy, Genoa Province	0.1	35.3	0.1	0.0	0.2	0.1	-	4.6	**1132**	1276
Italy, Macerata Province	0.4	30.1	0.5	0.1	0.9	-	-	2.1	**332**	356
Italy, Milan	0.0	25.6	0.4	-	2.2	-	0.1	2.2	**1558**	1674
Italy, Modena Province	0.2	30.8	0.2	-	0.3	-	-	0.1	**1019**	1024
Italy, Naples	0.3	37.7	1.0	-	0.3	-	-	7.9	**596**	739
Italy, North East Cancer Surveillance Network	0.2	19.6	0.3	0.0	0.7	0.0	0.0	1.0	**2172**	2273
Italy, Parma Province	0.2	28.6	0.2	-	0.6	0.1	-	1.2	**661**	699
Italy, Ragusa Province	0.5	28.4	0.4	-	0.2	-	-	3.6	**401**	436
Italy, Reggio Emilia Province	0.0	29.6	0.2	0.1	0.2	-	-	1.2	**721**	755
Italy, Romagna Region	0.1	32.6	0.1	-	0.3	0.0	0.0	2.5	**1832**	1960
Italy, Salerno Province	0.2	30.5	0.4	0.0	0.5	0.1	-	6.2	**1142**	1356
Italy, Sassari Province	0.2	23.6	0.8	0.3	0.4	0.0	-	3.3	**507**	583
Italy, Sondrio	0.2	35.5	0.2	-	-	-	-	2.9	**276**	295
Italy, Syracuse Province	0.1	31.6	0.4	-	0.3	-	-	1.6	**453**	479
Italy, Torino	0.1	36.1	0.4	0.0	0.9	-	0.0	0.8	**1778**	1820
Italy, Umbria Region	0.2	29.7	0.4	0.0	1.5	0.0	-	2.5	**1456**	1602
Italy, Varese Province	0.2	29.5	0.1	-	0.4	-	0.0	1.4	**649**	675
Italy, Veneto Region	0.1	28.9	0.3	0.1	0.4	0.0	0.1	1.5	**2242**	2331
Latvia	0.6	8.2	0.9	0.1	0.3	0.1	0.0	4.4	**996**	1153
Lithuania	1.1	9.8	0.8	-	1.1	-	0.0	3.8	**1566**	1844
Malta	0.1	25.1	0.6	-	0.3	-	0.1	0.7	**359**	368
Norway	0.1	18.6	0.2	0.1	0.2	0.1	0.0	0.3	**3809**	3889
Poland, Cracow	0.1	13.0	0.4	-	0.8	0.0	-	3.4	**247**	444 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
Poland, Warsaw City	0.0	12.2	0.1	-	0.3	0.0	-	3.4	**803**	1016
Portugal, Porto	0.2	16.9	0.3	0.0	0.3	0.1	0.0	0.3	**1947**	1985 *
Portugal, South Regional	0.1	13.0	0.4	0.0	0.6	0.1	0.0	1.6	**1740**	1931
Russia, St Petersburg	0.5	6.1	0.3	0.0	1.2	0.0	0.0	3.2	**1149**	1597

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Bladder (C67) - Male (Contd)

	Carcinoma					Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Transitional	Adeno	Other	Unspec.				MV	Total
Europe (Contd)										
Serbia	0.2	11.8	0.7	0.0	0.2	0.0	-	1.6	**2622**	2931
Slovak Republic	0.3	12.4	0.2	0.0	0.2	0.1	0.0	1.2	**2085**	2303
Slovenia	0.2	13.7	0.2	0.1	0.3	0.0	0.0	0.6	**1043**	1061
Spain, Albacete	0.3	24.0	0.4	-	0.3	0.1	0.1	1.9	**350**	370
Spain, Asturias	0.1	27.4	0.3	0.0	0.4	0.0	0.0	1.1	**1488**	1553
Spain, Basque Country	0.2	29.8	0.2	0.0	0.3	-	0.0	1.3	**2213**	2329
Spain, Canary Islands	0.4	19.4	0.2	0.0	0.5	-	0.0	1.0	**996**	1044
Spain, Cuenca	0.3	18.6	0.4	-	0.5	-	-	2.4	**247**	286
Spain, Girona	0.2	34.3	0.1	0.1	0.2	0.0	0.0	1.0	**872**	898
Spain, Granada	0.2	27.9	0.2	0.1	0.7	0.0	0.1	1.1	**959**	1002
Spain, Murcia	0.3	34.5	0.1	0.0	0.5	0.0	0.0	2.1	**1505**	1592
Spain, Navarra	0.2	34.6	0.5	0.3	0.6	-	0.1	0.6	**884**	905
Spain, Tarragona	0.1	34.6	0.1	0.1	0.6	0.0	-	2.0	**796**	853
Spain, Zaragoza	0.2	28.4	0.3	-	0.9	0.1	0.0	0.8	**1169**	1214
Sweden	0.1	16.8	0.2	0.0	0.1	0.0	0.0	0.1	**7571**	7588
Switzerland, Geneva	0.3	27.9	0.5	0.1	0.2	0.2	-	0.4	**461**	468
Switzerland, Graubunden and Glarus	0.8	12.0	0.3	0.1	0.9	-	-	0.5	**133**	140
Switzerland, Neuchatel	0.2	12.3	-	-	0.6	-	-	0.3	**95**	98
Switzerland, St Gall-Appenzell	0.2	10.8	0.1	0.1	-	0.2	-	0.3	**238**	247
Switzerland, Ticino	0.2	16.6	0.2	0.4	0.2	-	-	0.7	**254**	266
Switzerland, Valais	-	21.5	0.2	-	0.6	-	-	0.4	**245**	250
Switzerland, Vaud	0.2	15.4	0.5	-	0.3	0.1	0.1	0.3	**425**	433
The Netherlands	0.2	13.6	0.2	0.1	0.1	0.0	0.0	0.2	**8895**	9000
The Netherlands, Eindhoven	0.3	25.2	0.2	0.1	0.1	-	0.0	0.0	**973**	975
The Netherlands, Maastricht	0.2	23.5	0.2	0.1	0.2	0.0	-	0.2	**901**	908
UK, England, East of England Region	0.2	20.6	0.2	0.1	0.6	0.1	0.0	0.0	**2759**	2858
UK, England, Merseyside and Cheshire	0.2	21.3	0.2	0.1	1.1	0.0	0.0	0.1	**2312**	2432
UK, England, North Western	0.3	23.0	0.3	0.1	1.4	0.1	0.0	0.4	**4249**	4480
UK, England, Northern And Yorkshire	0.3	23.9	0.2	0.1	0.6	0.0	0.0	0.3	**7207**	7475
UK, England, Oxford Region	0.2	15.6	0.1	0.1	0.9	0.0	0.0	0.0	**1795**	1875
UK, England, South and Western Regions	0.4	20.7	0.4	0.0	0.8	0.0	0.0	2.8	**7233**	8350
UK, England, Thames	0.2	17.0	0.2	0.0	1.3	0.0	0.0	0.4	**10247**	11249
UK, England, Trent	0.2	21.1	0.3	0.1	1.4	0.1	0.0	0.3	**4757**	5203
UK, England, West Midlands	0.2	19.9	0.3	0.0	0.8	0.0	0.0	0.2	**4800**	4994
UK, Northern Ireland	0.1	9.4	0.1	0.0	0.2	0.1	-	1.8	**618**	721
UK, Scotland	0.4	21.2	0.2	0.1	0.7	0.1	0.0	0.5	**4775**	5012
Oceania										
Australia, New South Wales	0.1	10.7	0.2	0.1	0.3	0.0	0.0	0.1	**2779**	2964
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-	-
Australia, Queensland	0.1	18.2	0.2	0.1	0.4	0.0	0.0	0.0	**2329**	2516
Australia, South	0.2	21.6	0.1	-	0.1	0.1	0.0	0.2	**1384**	1443
Australia, Tasmania	0.3	20.1	-	-	0.2	-	0.0	0.3	**393**	397
Australia, Victoria	0.1	6.4	0.1	0.1	0.1	0.0	0.0	0.6	**1286**	1413
Australia, Western	0.2	8.1	0.1	0.1	0.2	0.0	0.1	0.1	**572**	592
Australian Capital Territory	0.3	11.3	-	-	0.2	-	-	0.2	**102**	111
French Polynesia	-	10.2	0.2	-	0.3	-	-	0.6	**43**	45
New Zealand	0.1	14.4	0.1	0.1	0.1	0.0	0.0	0.5	**2039**	2115
USA, Hawaii	0.0	12.4	0.2	0.1	0.2	-	0.0	0.1	**631**	637
USA, Hawaii: Chinese	-	7.5	-	-	-	-	-	-	**33**	33
USA, Hawaii: Filipino	-	6.1	-	-	0.2	-	0.1	-	**49**	49
USA, Hawaii: Hawaiian	0.2	11.5	0.2	0.3	-	-	-	-	**55**	55
USA, Hawaii: Japanese	0.1	12.5	0.1	0.1	0.2	-	-	0.0	**210**	211
USA, Hawaii: White	-	19.8	0.2	0.1	0.1	-	-	0.2	**257**	261

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Bladder (C67) - Female

	Carcinoma					Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Transitional	Adeno	Other	Unspec.				MV	Total
Africa										
Algeria, Setif	-	0.3	0.1	-	-	-	-	0.1	**10**	11 *
Egypt, Gharbiah	1.9	2.3	0.4	0.0	0.1	0.0	0.0	0.8	**232**	262
Tunisia, Centre, Sousse	0.1	2.0	-	-	0.1	-	-	-	**22**	22 *
Uganda, Kyadondo County	-	0.9	-	-	0.5	0.0	-	0.5	**11**	17 *
Zimbabwe, Harare: African	0.7	1.0	0.1	-	1.7	0.1	-	0.4	**31**	63 *
America, Central and South										
Argentina, Bahia Blanca	-	1.8	-	-	0.6	-	-	0.2	**26**	31
Brazil, Brasilia	0.2	3.0	0.2	0.0	0.1	0.0	-	0.6	**96**	104
Brazil, Cuiaba	0.1	1.2	0.2	-	0.1	0.1	-	0.7	**11**	16
Brazil, Goiania	0.2	2.5	-	-	0.2	-	-	0.3	**51**	59
Brazil, Sao Paulo	0.1	3.0	0.2	-	0.3	0.0	0.0	0.9	**1028**	1299
Chile, Valdivia	0.1	1.2	-	-	0.1	-	-	0.3	**14**	17
Colombia, Cali	0.1	1.4	0.1	-	0.3	-	-	0.4	**91**	109
Costa Rica	0.1	1.0	0.1	-	0.1	0.0	-	0.5	**95**	138
Ecuador, Quito	0.3	0.8	0.2	0.0	0.1	0.0	-	0.3	**40**	53
France, La Martinique	0.2	1.2	0.1	-	0.0	-	-	0.1	**29**	33
Peru, Trujillo	0.1	1.2	-	-	-	-	-	-	**16**	16 *
America, North										
Canada (excluding Quebec, Yukon and Nunavut)	0.1	4.2	0.1	0.0	0.1	0.0	0.0	0.4	**4663**	5241
Canada, Alberta	0.1	5.1	0.1	0.1	0.1	0.0	0.0	0.1	**568**	599
Canada, British Columbia	0.1	5.6	0.1	0.0	0.1	-	0.0	0.1	**1129**	1169
Canada, Manitoba	0.1	3.6	0.0	-	0.2	-	-	0.2	**208**	238
Canada, New Brunswick	0.1	5.5	0.1	-	0.0	0.1	-	0.0	**205**	209
Canada, Newfoundland and Labrador	-	5.4	-	-	0.1	-	-	-	**114**	114
Canada, Northwest Territories	-	2.0	-	-	-	-	-	-	**2**	2
Canada, Nova Scotia	0.1	6.0	0.1	-	0.1	-	-	0.3	**279**	300
Canada, Ontario	0.1	3.2	0.1	0.0	0.1	0.0	0.0	0.6	**1843**	2279
Canada, Prince Edward Island	-	3.5	-	0.3	-	-	-	0.2	**27**	30
Canada, Saskatchewan	0.1	5.9	-	0.0	0.1	0.0	0.0	0.2	**288**	301
USA, Alabama	0.1	4.0	0.1	0.0	0.1	0.0	0.0	0.0	**903**	933
USA, Alabama: Black	0.1	2.5	0.1	0.0	0.1	0.0	-	0.1	**125**	134
USA, Alabama: White	0.1	4.4	0.1	0.0	0.1	0.0	0.0	0.0	**768**	789
USA, Alaska	-	4.1	0.2	-	0.1	-	0.0	0.3	**67**	72
USA, Arizona	0.1	5.0	0.1	0.0	0.1	0.0	0.0	0.1	**1242**	1269
USA, California	0.1	4.4	0.1	0.0	0.1	0.0	0.0	0.0	**6592**	6751
USA, California, Greater San Francisco Bay Area	0.1	4.6	0.1	0.0	0.1	0.0	0.0	0.0	**1360**	1390
USA, California, Greater San Francisco Bay Area: Black	0.2	3.4	0.1	0.0	0.1	-	-	0.0	**71**	72
USA, California, Greater San Francisco Bay Area: Chinese	-	1.9	-	-	-	-	-	0.0	**48**	48
USA, California, Greater San Francisco Bay Area: Filipino	-	1.3	0.1	-	-	-	-	-	**17**	17
USA, California, Greater San Francisco Bay Area: Hispanic White	0.1	3.2	0.0	-	0.0	-	0.0	0.1	**98**	100
USA, California, Greater San Francisco Bay Area: Japanese	-	3.0	0.1	-	0.1	-	-	-	**17**	17
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	0.1	5.9	0.1	0.0	0.1	0.0	0.0	0.0	**1073**	1099
USA, California, Los Angeles County	0.2	3.8	0.1	0.0	0.1	0.0	0.0	0.0	**1580**	1601
USA, California, Los Angeles County: Black	0.2	3.7	0.1	0.1	0.2	-	-	0.0	**151**	154
USA, California, Los Angeles County: Chinese	0.1	1.8	-	-	-	-	-	0.1	**30**	30
USA, California, Los Angeles County: Filipino	0.1	0.8	-	-	-	-	-	-	**10**	10
USA, California, Los Angeles County: Hispanic White	0.1	2.2	0.1	0.0	0.1	0.0	0.0	0.0	**202**	206
USA, California, Los Angeles County: Japanese	0.1	3.1	0.1	0.2	0.1	-	-	-	**28**	29
USA, California, Los Angeles County: Korean	-	2.7	-	-	-	-	-	-	**20**	20
USA, California, Los Angeles County: Non-Hispanic White	0.2	5.2	0.1	0.0	0.1	0.0	0.0	0.0	**1106**	1119
USA, California: Asian and Pacific Islander	0.0	1.7	0.1	0.0	0.0	-	-	0.0	**286**	292
USA, California: Black	0.2	3.4	0.1	0.1	0.1	0.0	0.0	0.0	**307**	312
USA, California: Hispanic White	0.1	2.4	0.1	0.0	0.1	0.0	0.0	0.0	**549**	562
USA, California: Non-hispanic White	0.2	5.5	0.1	0.0	0.1	0.0	0.0	0.0	**5362**	5496
USA, Colorado	0.1	5.1	0.1	0.0	0.1	-	0.0	0.1	**840**	874
USA, Connecticut	0.1	7.2	0.1	0.0	0.1	0.0	-	0.0	**1269**	1293
USA, Connecticut: Black	0.3	3.0	-	-	0.1	-	-	-	**38**	38
USA, Connecticut: White	0.1	7.5	0.1	0.0	0.1	0.1	-	0.0	**1216**	1240
USA, District of Columbia	0.2	4.9	0.3	0.1	0.1	0.0	-	0.2	**159**	162
USA, District of Columbia: Black	0.3	4.8	0.3	0.1	0.1	-	-	0.1	**110**	111
USA, District of Columbia: White	-	5.3	0.2	0.1	0.2	0.0	-	0.2	**46**	47
USA, Florida	0.1	5.7	0.1	0.0	0.2	0.0	0.0	0.1	**5990**	6100
USA, Florida: Black	0.3	2.7	0.2	0.0	0.1	-	0.0	0.1	**249**	258
USA, Florida: White	0.1	6.0	0.1	0.0	0.2	0.0	0.0	0.1	**5675**	5773
USA, Georgia	0.2	4.1	0.1	0.0	0.1	0.0	0.0	0.1	**1472**	1515
USA, Georgia, Atlanta	0.2	4.3	0.1	0.1	0.1	0.0	0.0	0.0	**451**	457
USA, Georgia, Atlanta: Black	0.3	3.7	0.1	0.0	0.2	-	0.0	0.1	**109**	113
USA, Georgia, Atlanta: White	0.2	4.7	0.1	0.1	0.1	0.0	0.0	-	**338**	340
USA, Georgia: Black	0.3	2.9	0.1	0.0	0.2	0.0	0.0	0.1	**254**	267
USA, Georgia: White	0.1	4.5	0.1	0.0	0.1	0.0	0.0	0.1	**1211**	1241
USA, Idaho	0.1	4.6	0.1	0.0	0.1	0.0	-	0.0	**258**	266
USA, Illinois	0.2	5.6	0.1	0.0	0.1	0.0	0.0	0.0	**3427**	3514
USA, Illinois: Black	0.3	3.8	0.2	0.0	0.2	-	0.0	0.1	**308**	325
USA, Illinois: White	0.2	5.9	0.1	0.0	0.1	0.0	0.0	0.0	**3030**	3100
USA, Indiana	0.1	5.1	0.1	0.0	0.1	0.0	0.0	0.0	**1545**	1584
USA, Iowa	0.1	5.2	0.1	0.0	0.1	0.0	0.0	0.1	**846**	880
USA, Kentucky	0.1	5.2	0.1	0.0	0.2	-	-	0.1	**1038**	1080
USA, Louisiana	0.1	4.5	0.1	0.0	0.1	0.0	-	0.1	**953**	975
USA, Louisiana, New Orleans: Black	0.0	3.5	0.1	0.2	0.3	0.0	-	0.1	**63**	66
USA, Louisiana, New Orleans: White	0.1	6.2	0.0	-	0.1	-	-	0.1	**186**	188
USA, Louisiana: Black	0.2	3.6	0.2	0.1	0.2	0.0	-	0.1	**209**	219
USA, Louisiana: White	0.1	4.9	0.1	0.0	0.1	0.0	-	0.0	**737**	749
USA, Maine	0.0	7.7	0.1	0.1	0.1	0.1	-	0.2	**516**	541
USA, Massachusetts	0.1	7.4	0.1	0.0	0.1	0.0	0.0	0.1	**2403**	2466

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Bladder (C67) - Female (Contd)

	Carcinoma					Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Transitional	Adeno	Other	Unspec.				MV	Total
America, North (Contd)										
USA, Michigan	0.1	5.9	0.1	0.0	0.1	0.0	0.0	0.1	**2853**	2899
USA, Michigan, Detroit	0.1	6.0	0.1	0.0	0.1	0.0	0.0	0.0	**1206**	1214
USA, Michigan, Detroit: Black	0.2	3.7	0.3	0.0	0.2	0.1	-	0.0	**186**	191
USA, Michigan, Detroit: White	0.1	6.8	0.1	0.0	0.1	0.0	0.0	0.0	**1010**	1013
USA, Michigan: Black	0.2	3.7	0.3	0.0	0.2	0.1	-	0.1	**235**	242
USA, Michigan: White	0.1	6.2	0.1	0.0	0.1	0.0	0.0	0.1	**2578**	2617
USA, Missouri	0.1	4.8	0.1	0.0	0.1	0.0	0.0	0.1	**1424**	1470
USA, Missouri: Black	0.2	3.4	0.3	-	0.0	-	-	0.0	**94**	96
USA, Missouri: White	0.1	4.9	0.1	0.0	0.1	0.0	0.0	0.1	**1317**	1361
USA, Montana	0.1	6.2	0.1	0.0	0.1	0.0	-	0.0	**271**	281
USA, New Jersey	0.1	6.6	0.1	0.0	0.1	0.0	0.0	0.1	**2971**	3036
USA, New Jersey: Black	0.2	3.8	0.2	-	0.1	0.1	-	0.2	**196**	204
USA, New Jersey: White	0.1	7.2	0.1	0.0	0.1	0.0	0.0	0.1	**2720**	2777
USA, New Mexico	0.1	4.1	0.1	-	0.0	0.0	0.0	0.1	**337**	348
USA, New Mexico: American Indian	0.3	0.5	-	-	-	-	-	-	**3**	3
USA, New Mexico: Hispanic White	0.1	2.1	0.1	-	0.0	-	-	0.0	**60**	61
USA, New Mexico: Non-Hispanic White	0.1	5.5	0.1	-	0.0	0.0	0.0	0.1	**270**	280
USA, New York state	0.1	6.2	0.1	0.0	0.2	0.0	0.0	0.1	**6148**	6382
USA, New York state: Black	0.2	3.0	0.2	0.0	0.2	0.0	-	0.1	**430**	448
USA, New York state: White	0.1	6.9	0.1	0.0	0.2	0.0	0.0	0.1	**5636**	5848
USA, NPCR	0.1	5.4	0.1	0.0	0.1	0.0	0.0	0.1	**59765**	61379
USA, NPCR: Black	0.2	3.2	0.2	0.0	0.1	0.0	0.0	0.1	**3671**	3832
USA, NPCR: White	0.1	5.7	0.1	0.0	0.1	0.0	0.0	0.1	**54695**	56118
USA, Ohio	0.1	5.7	0.1	0.0	0.2	0.0	0.0	0.1	**3431**	3526
USA, Ohio: Black	0.2	3.6	0.2	0.1	0.2	0.0	-	0.1	**212**	220
USA, Ohio: White	0.1	5.7	0.1	0.0	0.1	0.0	0.0	0.1	**3109**	3194
USA, Oklahoma	0.1	4.1	0.1	0.0	0.1	0.0	0.0	0.2	**766**	805
USA, Oregon	0.1	6.0	0.1	0.0	0.1	0.0	0.0	0.1	**1001**	1022
USA, Pennsylvania	0.1	6.6	0.1	0.0	0.1	0.0	0.0	0.0	**4735**	4820
USA, Pennsylvania: Black	0.1	4.0	0.2	0.0	0.1	0.0	-	0.1	**227**	236
USA, Pennsylvania: White	0.1	6.8	0.1	0.0	0.1	0.0	0.0	0.0	**4453**	4527
USA, Rhode Island	0.1	8.8	0.1	0.0	0.1	-	0.0	0.1	**474**	482
USA, SEER (9 registries)	0.1	5.2	0.1	0.0	0.1	0.0	0.0	0.0	**6508**	6653
USA, SEER (9 registries): Black	0.3	3.6	0.2	0.0	0.2	0.0	0.0	0.0	**433**	445
USA, SEER (9 registries): White	0.1	5.8	0.1	0.0	0.1	0.0	0.0	0.0	**5794**	5923
USA, SEER (14 registries)	0.1	5.0	0.1	0.0	0.1	0.0	0.0	0.1	**17144**	17555
USA, SEER (14 registries): Asian and Pacific Islander	0.0	1.8	0.0	0.0	0.0	-	0.0	0.0	**469**	478
USA, SEER (14 registries): Black	0.2	3.5	0.2	0.0	0.1	0.0	0.0	0.1	**1121**	1156
USA, SEER (14 registries): Hispanic White	0.1	2.7	0.1	0.0	0.1	0.0	0.0	0.0	**809**	824
USA, SEER (14 registries): Non-hispanic White	0.1	5.8	0.1	0.0	0.1	0.0	0.0	0.1	**14573**	14924
USA, South Carolina	0.2	4.2	0.1	0.0	0.1	0.0	-	0.1	**823**	854
USA, South Carolina: Black	0.3	3.1	0.1	0.0	0.1	0.0	-	0.2	**162**	175
USA, South Carolina: White	0.1	4.5	0.1	0.0	0.1	0.0	-	0.1	**656**	674
USA, Texas	0.2	3.7	0.1	0.0	0.1	0.0	0.0	0.1	**3301**	3460
USA, Texas: Black	0.2	2.8	0.1	0.0	0.1	0.0	-	0.2	**258**	277
USA, Texas: White	0.1	3.9	0.1	0.0	0.1	0.0	0.0	0.1	**2974**	3111
USA, Utah	0.2	4.0	0.1	0.0	-	-	-	0.1	**300**	306
USA, Vermont	0.2	7.1	0.2	0.2	-	-	0.1	0.0	**222**	225
USA, Washington State	0.1	5.6	0.1	0.0	0.1	0.0	0.0	0.0	**1474**	1512
USA, Washington, Seattle	0.1	5.5	0.1	0.0	0.1	-	0.0	0.0	**982**	1013
USA, West Virginia	0.2	7.2	0.1	0.0	0.2	0.0	0.1	0.1	**748**	766
USA, Wisconsin	0.1	5.8	0.1	0.0	0.1	0.0	0.0	0.1	**1563**	1611
Asia										
Bahrain: Bahraini	0.4	2.7	0.4	-	-	0.1	-	0.2	**20**	21
China, Guangzhou City	-	1.0	0.0	-	0.3	0.0	-	0.0	**74**	95 *
China, Hong Kong	0.0	2.4	0.1	0.0	0.1	0.0	0.0	0.1	**768**	803
China, Jiashan	-	0.8	0.1	-	0.2	-	-	-	**13**	15 *
China, Nangang District, Harbin City	-	-	-	-	-	-	-	1.8	**41**	45
China, Shanghai	0.0	0.3	0.0	-	0.0	0.0	-	1.7	**465**	609 *
China, Zhongshan	0.1	0.5	0.0	-	0.4	-	-	-	**29**	37 *
Cyprus	-	3.5	0.1	-	-	-	-	-	**100**	100 *
India, Chennai (Madras)	0.0	0.5	0.1	-	0.0	0.0	-	0.3	**64**	86
India, Karunagappally	0.1	0.1	-	-	-	-	-	-	**2**	2
India, Mumbai (Bombay)	0.1	0.6	0.1	-	0.0	0.0	-	0.2	**140**	182
India, Nagpur	0.0	0.9	-	-	-	-	-	0.0	**36**	37 *
India, New Delhi	0.0	0.6	0.0	-	0.3	0.0	-	0.4	**156**	225 *
India, Poona	-	-	-	-	-	-	-	1.0	**48**	61 *
India, Trivandrum	-	0.3	-	-	0.1	-	-	0.0	**12**	13 *
Israel	0.1	4.6	0.1	0.0	0.1	0.0	0.0	0.2	**1091**	1153
Israel: Jews	0.1	4.8	0.1	0.0	0.1	0.0	0.0	0.1	**1051**	1101
Israel: Non-Jews	-	1.6	0.1	-	-	-	-	-	**26**	26
Japan, Aichi Prefecture	0.0	1.6	0.1	-	-	-	-	0.5	**89**	112
Japan, Fukui Prefecture	0.1	1.7	0.0	-	0.0	-	-	0.4	**120**	143
Japan, Hiroshima	0.2	3.0	0.1	-	0.1	0.1	-	-	**193**	207
Japan, Miyagi Prefecture	0.1	2.0	0.1	0.0	0.0	0.0	-	0.5	**327**	423
Japan, Nagasaki Prefecture	0.1	1.9	0.0	-	0.2	-	-	0.0	**256**	291
Japan, Osaka Prefecture	0.1	1.1	0.0	0.0	0.0	0.0	-	0.5	**676**	937
Japan, Yamagata Prefecture	0.0	1.6	0.0	0.0	0.0	0.0	-	0.3	**175**	216
Korea	0.0	1.3	0.1	0.0	0.0	0.0	0.0	0.3	**1620**	1935
Korea, Busan	-	1.2	0.0	0.0	0.0	-	-	0.4	**131**	176
Korea, Daegu	-	1.6	0.1	-	-	0.0	-	0.4	**115**	139
Korea, Daejeon	-	1.6	0.1	-	0.0	-	-	0.2	**59**	67
Korea, Gwangju	-	1.7	0.0	-	0.1	-	-	0.3	**67**	77
Korea, Incheon	0.0	1.2	0.1	-	0.0	-	-	0.3	**85**	104

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Bladder (C67) - Female (Contd)

	Carcinoma					Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Transitional	Adeno	Other	Unspec.				MV	Total
Asia (Contd)										
Korea, Jejudo	-	0.8	-	-	-	-	-	0.3	**11**	16
Korea, Seoul	0.0	1.7	0.1	0.0	0.0	-	0.0	0.3	**472**	548
Korea, Ulsan	-	1.2	-	-	-	-	-	0.2	**20**	24
Kuwait: Kuwaitis	0.1	2.0	-	-	0.4	0.0	-	0.4	**21**	27
Kuwait: Non-Kuwaitis	0.1	2.2	0.1	-	-	-	-	0.3	**12**	14
Malaysia, Penang	0.3	1.0	0.2	-	0.1	-	-	0.2	**37**	39
Malaysia, Sarawak	0.0	0.4	0.2	-	0.0	0.0	-	0.1	**26**	30
Oman: Omani	0.2	1.5	0.1	-	0.2	0.0	0.0	0.2	**35**	36 *
Pakistan, South Karachi	0.1	2.3	0.2	-	0.1	0.0	-	0.0	**46**	47 *
Philippines, Manila	0.0	0.7	0.1	0.0	0.1	0.0	-	0.3	**81**	102 *
Singapore	0.0	1.6	0.1	0.0	0.0	0.0	0.0	0.1	**172**	181
Singapore: Chinese	0.0	1.6	0.1	0.0	0.0	0.0	0.0	0.1	**151**	159
Singapore: Indian	-	0.8	-	-	-	-	-	-	**3**	3
Singapore: Malay	-	1.8	0.2	-	-	-	-	0.1	**18**	19
Thailand, Chiang Mai	0.0	1.8	0.2	-	-	-	-	0.3	**82**	96 *
Thailand, Lampang	0.1	1.0	0.0	-	-	-	-	0.4	**28**	39 *
Thailand, Songkhla	-	0.6	0.1	-	-	-	-	0.1	**21**	23
Turkey, Antalya	0.0	2.0	0.1	-	0.1	0.0	-	0.3	**63**	72 *
Turkey, Izmir	0.1	1.8	0.0	-	0.0	-	0.0	0.1	**165**	175 *
Europe										
Austria	0.1	4.5	0.1	0.0	0.3	0.0	0.0	0.3	**2415**	2560
Austria, Tyrol	0.0	6.6	0.1	-	0.2	-	-	0.6	**245**	249
Austria, Vorarlberg	0.1	4.2	0.3	-	0.2	-	-	0.2	**75**	81
Belarus	0.0	1.3	0.1	-	0.0	0.0	0.0	0.3	**779**	865 *
Belgium, Antwerp	0.1	3.5	0.1	0.0	0.1	0.0	0.0	0.0	**392**	393 *
Belgium, Flanders	0.1	4.2	0.1	0.0	0.4	0.0	0.0	0.2	**1342**	1467
Bulgaria	0.0	1.7	0.0	-	0.0	0.0	-	0.5	**757**	992 *
Croatia	0.0	2.3	0.1	-	0.4	-	-	1.0	**719**	983
Czech Republic	0.1	4.6	0.1	0.0	0.1	0.0	0.0	0.3	**2502**	2731
Denmark	0.2	6.6	0.1	0.1	0.1	0.0	0.0	0.4	**1960**	2156
Estonia	0.1	2.4	0.0	0.0	0.2	-	0.0	0.2	**243**	268
Finland *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	0.1	1.8	0.1	0.0	0.0	0.0	0.0	0.1	**129**	135
France, Calvados	0.1	1.3	0.0	0.1	0.1	-	-	0.1	**63**	67
France, Doubs	0.1	1.8	0.0	-	0.0	-	0.1	0.0	**63**	64
France, Haut-Rhin	0.1	2.3	0.1	-	0.0	-	0.0	0.1	**103**	108
France, Herault	0.1	2.2	0.1	-	0.0	0.0	-	-	**148**	148
France, Isere	0.1	1.6	0.0	-	0.0	0.0	0.0	0.1	**120**	127
France, Loire-Atlantique	0.2	1.7	0.1	0.0	0.1	0.0	-	0.0	**144**	147
France, Manche	0.1	1.8	0.0	-	-	-	-	-	**70**	70
France, Somme	0.2	2.1	0.1	-	0.1	-	-	0.1	**70**	76
France, Tarn	0.1	2.1	0.0	0.0	-	-	-	0.0	**76**	78
France, Vendee	0.1	1.4	0.0	-	0.0	0.0	-	0.0	**56**	56
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	0.2	4.6	0.1	0.0	0.5	0.0	-	0.1	**518**	646
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
Germany, Munich	0.1	4.5	0.0	-	0.0	0.0	0.0	0.3	**693**	769
Germany, Northrhine-Westphalia: Munster	0.1	4.3	0.1	0.0	0.8	0.0	-	0.1	**760**	909
Germany, Saarland	0.3	2.7	0.1	0.0	0.2	0.0	0.0	0.1	**245**	262
Iceland	0.4	5.7	0.1	-	0.3	-	-	0.0	**71**	72
Ireland	0.1	4.1	0.1	0.0	0.1	-	0.0	0.3	**667**	721
Italy, Biella Province	-	6.1	0.0	0.0	-	0.0	-	0.2	**88**	93
Italy, Brescia Province	0.0	4.6	0.0	0.0	0.1	-	-	0.8	**178**	212
Italy, Ferrara Province	0.2	6.2	0.0	-	-	-	-	0.4	**170**	195
Italy, Florence and Prato	0.0	6.5	0.0	0.0	0.0	-	-	0.5	**493**	551
Italy, Genoa Province	0.0	5.6	0.1	0.0	0.1	-	-	1.2	**261**	339
Italy, Macerata Province	-	5.3	0.0	-	0.2	-	-	0.3	**69**	75
Italy, Milan	0.0	4.8	0.1	-	0.5	0.0	0.0	0.6	**467**	536
Italy, Modena Province	0.0	5.5	0.1	-	0.2	-	-	0.2	**246**	253
Italy, Naples	0.1	4.9	0.1	-	-	-	-	1.4	**86**	122
Italy, North East Cancer Surveillance Network	0.1	3.7	0.1	0.0	0.2	0.0	-	0.2	**630**	687
Italy, Parma Province	0.1	6.0	0.0	-	0.1	-	-	0.2	**181**	196
Italy, Ragusa Province	-	4.2	-	-	0.0	0.3	-	0.8	**72**	85
Italy, Reggio Emilia Province	0.0	5.8	0.1	-	-	0.0	-	0.3	**179**	188
Italy, Romagna Region	0.0	5.8	0.1	0.0	0.1	-	-	0.6	**410**	455
Italy, Salerno Province	0.0	3.9	-	-	0.1	-	0.0	0.9	**184**	223
Italy, Sassari Province	0.1	3.4	0.0	0.1	0.0	-	-	0.5	**98**	115
Italy, Sondrio	-	8.9	0.2	-	0.1	-	0.1	0.8	**88**	97
Italy, Syracuse Province	0.1	3.5	-	-	0.0	-	-	0.2	**60**	65
Italy, Torino	0.0	6.2	0.1	-	0.0	-	0.0	0.3	**439**	469
Italy, Umbria Region	0.1	5.3	0.1	-	0.3	-	-	0.4	**339**	364
Italy, Varese Province	0.1	4.3	0.1	-	0.1	-	-	0.3	**143**	155
Italy, Veneto Region	0.1	5.8	0.2	-	0.1	0.0	-	0.3	**634**	672
Latvia	0.2	1.4	0.2	-	0.1	0.0	-	0.7	**313**	381
Lithuania	0.2	1.4	0.2	-	0.2	0.0	-	0.7	**430**	545
Malta	-	4.4	0.1	-	0.1	-	-	0.0	**84**	85
Norway	0.1	4.9	0.1	0.0	0.1	0.0	0.0	0.1	**1282**	1341
Poland, Cracow	0.0	2.6	0.1	-	0.2	-	-	0.9	**73**	146 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	-	-
Poland, Warsaw City	0.1	2.8	0.1	-	0.1	0.1	0.0	1.0	**289**	384
Portugal, Porto	0.1	3.3	0.1	-	0.1	0.0	-	0.1	**572**	583 *
Portugal, South Regional	0.0	2.5	0.0	-	0.1	0.0	0.0	0.4	**480**	556
Russia, St Petersburg	0.1	1.1	0.1	0.0	0.3	0.0	0.0	0.7	**430**	666

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Bladder (C67) - Female (Contd)

	Carcinoma					Sarcoma	Other	Unspec.	Number of cases	
	Squamous	Transitional	Adeno	Other	Unspec.				MV	Total
Europe (Contd)										
Serbia	0.1	2.9	0.2	0.0	0.0	0.0	-	0.6	**803**	947
Slovak Republic	0.1	2.9	0.1	-	0.0	0.0	-	0.3	**677**	765
Slovenia	0.1	2.8	0.1	0.0	0.0	-	0.0	0.1	**339**	350
Spain, Albacete	0.0	2.5	0.1	-	0.2	-	-	0.2	**53**	58
Spain, Asturias	0.0	3.3	0.1	-	0.1	-	-	0.2	**262**	289
Spain, Basque Country	0.1	4.2	0.0	0.0	0.1	0.0	-	0.3	**402**	451
Spain, Canary Islands	0.0	2.3	0.0	-	0.0	0.0	-	0.2	**156**	173
Spain, Cuenca	0.0	2.9	0.1	-	0.1	-	-	0.3	**46**	54
Spain, Girona	0.0	4.3	-	-	0.1	-	-	0.2	**152**	165
Spain, Granada	0.1	2.8	0.1	0.0	-	-	-	0.0	**129**	133
Spain, Murcia	0.1	3.7	0.1	-	0.0	-	-	0.3	**231**	246
Spain, Navarra	0.1	4.7	-	0.0	0.2	-	-	0.2	**142**	158
Spain, Tarragona	0.0	4.9	-	-	0.2	-	-	0.3	**146**	161
Spain, Zaragoza	0.0	3.5	0.1	-	0.1	-	-	0.1	**191**	202
Sweden	0.1	4.7	0.1	0.0	0.1	0.0	0.0	0.0	**2683**	2691
Switzerland, Geneva	0.1	5.8	0.0	-	0.1	-	-	0.1	**135**	140
Switzerland, Graubunden and Glarus	0.1	2.1	-	-	0.4	-	0.2	0.1	**34**	38
Switzerland, Neuchatel	0.1	2.4	0.2	-	0.1	-	-	0.1	**31**	33
Switzerland, St Gall-Appenzell	0.3	2.6	-	-	0.2	-	-	0.3	**91**	99
Switzerland, Ticino	0.0	3.1	0.0	0.0	0.1	-	-	0.1	**72**	74
Switzerland, Valais	0.4	4.4	0.0	-	0.0	0.1	-	0.1	**69**	71
Switzerland, Vaud	0.0	3.0	0.2	0.1	0.0	-	0.0	0.1	**123**	132
The Netherlands	0.2	2.8	0.1	0.0	0.1	0.0	0.0	0.0	**2620**	2682
The Netherlands, Eindhoven	0.1	5.5	0.0	0.0	0.1	0.0	-	0.0	**269**	272
The Netherlands, Maastricht	0.2	5.4	0.1	0.0	0.1	-	0.0	0.0	**262**	263
UK, England, East of England Region	0.2	5.5	0.1	0.0	0.3	0.0	0.0	0.0	**957**	1039
UK, England, Merseyside and Cheshire	0.2	5.6	0.1	0.0	0.4	0.0	0.0	0.0	**872**	962
UK, England, North Western	0.2	6.8	0.1	0.0	0.6	0.0	0.0	0.2	**1685**	1883
UK, England, Northern And Yorkshire	0.3	6.9	0.0	0.0	0.3	0.0	0.0	0.1	**2814**	3041
UK, England, Oxford Region	0.2	3.8	0.0	0.0	0.3	-	0.0	0.0	**569**	624
UK, England, South and Western Regions	0.2	5.3	0.1	0.0	0.2	0.0	0.0	1.0	**2514**	3062
UK, England, Thames	0.2	4.3	0.1	0.0	0.4	0.0	0.0	0.1	**3671**	4242
UK, England, Trent	0.2	6.1	0.1	0.0	0.5	0.0	0.0	0.1	**1750**	2015
UK, England, West Midlands	0.3	5.3	0.1	0.0	0.3	0.0	0.0	0.1	**1731**	1881
UK, Northern Ireland	0.2	2.2	0.0	0.1	0.1	0.1	0.0	0.5	**244**	293
UK, Scotland	0.3	6.5	0.1	0.0	0.2	0.1	0.0	0.3	**2036**	2203
Oceania										
Australia, New South Wales	0.1	3.0	0.1	0.0	0.1	0.0	0.0	0.0	**1014**	1089
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-	-
Australia, Queensland	0.1	4.7	0.1	0.0	0.1	-	-	0.0	**726**	791
Australia, South	0.2	5.6	0.1	-	0.1	0.0	0.0	0.1	**456**	474
Australia, Tasmania	0.2	5.6	-	-	0.0	-	-	0.2	**135**	141
Australia, Victoria	0.2	1.7	0.1	0.0	0.0	0.0	0.0	0.2	**492**	547
Australia, Western	0.1	2.1	0.0	0.0	0.1	0.0	-	0.0	**194**	213
Australian Capital Territory	0.2	3.1	-	-	-	-	-	-	**31**	34
French Polynesia	-	2.8	-	-	-	-	-	0.5	**11**	13
New Zealand	0.1	3.9	0.1	0.0	0.1	0.0	0.0	0.2	**732**	778
USA, Hawaii	0.1	2.8	0.0	-	0.0	0.0	0.0	0.0	**179**	182
USA, Hawaii: Chinese	0.4	1.1	0.2	-	-	-	-	-	**12**	12
USA, Hawaii: Filipino	-	1.7	-	-	-	-	-	-	**14**	14
USA, Hawaii: Hawaiian	-	3.4	0.2	-	-	-	-	0.1	**21**	22
USA, Hawaii: Japanese	-	2.2	-	-	0.0	-	0.0	-	**54**	54
USA, Hawaii: White	0.2	4.3	-	-	-	0.0	-	0.0	**61**	62

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Eye (C69) - Male

	Retinoblastoma	Melanoma	Carcinoma			Sarcoma	Other	Unspec.	Number of cases	
			Squamous	Other	Unspec.				MV	Total
Africa										
Algeria, Setif	-	-	0.1	-	-	-	-	0.0	**4**	4 *
Egypt, Gharbiah	0.1	0.0	0.3	0.0	-	-	0.0	0.0	**21**	24
Tunisia, Centre, Sousse	0.1	-	0.2	-	-	-	-	-	**3**	3 *
Uganda, Kyadondo County	0.1	-	1.6	0.0	0.0	0.0	-	0.4	**48**	56 *
Zimbabwe, Harare: African	0.2	-	3.4	0.1	0.0	0.0	-	-	**140**	141 *
America, Central and South										
Argentina, Bahia Blanca	-	0.2	-	-	0.2	-	-	-	**3**	3
Brazil, Brasilia	0.0	0.0	0.8	-	0.1	-	-	0.6	**34**	38
Brazil, Cuiaba	-	-	0.7	0.2	-	0.2	-	0.1	**8**	8
Brazil, Goiania	0.2	0.3	0.4	0.2	-	0.1	-	0.0	**19**	19
Brazil, Sao Paulo	0.4	0.3	0.4	0.1	0.0	0.0	0.0	0.2	**257**	310
Chile, Valdivia	-	-	0.2	0.1	-	-	-	-	**3**	3
Colombia, Cali	0.3	0.2	0.3	-	0.0	0.0	-	0.1	**32**	33
Costa Rica	0.1	0.1	0.4	0.0	0.0	0.0	-	0.1	**54**	60
Ecuador, Quito	0.2	0.1	0.4	-	-	-	-	-	**20**	21
France, La Martinique	-	-	0.1	-	-	-	-	-	**1**	1
Peru, Trujillo	0.2	-	0.4	-	-	-	-	-	**7**	7 *
America, North										
Canada (excluding Quebec, Yukon and Nunavut)	0.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	**360**	555
Canada, Alberta	0.2	0.5	0.1	0.0	-	0.0	-	-	**47**	61
Canada, British Columbia	0.1	0.5	0.0	0.0	-	0.0	-	-	**39**	91
Canada, Manitoba	-	0.5	0.1	0.0	0.0	-	-	-	**14**	23
Canada, New Brunswick	-	0.4	0.0	-	-	-	-	-	**9**	10
Canada, Newfoundland and Labrador	0.2	0.4	0.1	-	-	-	-	-	**9**	9
Canada, Northwest Territories	-	-	-	-	-	-	-	-	**0**	0
Canada, Nova Scotia	0.1	0.3	0.0	-	0.0	0.1	-	0.1	**15**	18
Canada, Ontario	0.2	0.5	0.1	0.0	0.0	0.0	0.0	0.1	**205**	312
Canada, Prince Edward Island	-	0.2	0.2	-	0.2	-	-	-	**3**	3
Canada, Saskatchewan	0.1	0.6	0.1	0.1	-	0.0	-	-	**19**	28
USA, Alabama	0.1	0.3	0.1	0.0	0.0	-	-	-	**43**	64
USA, Alabama: Black	0.0	0.0	0.0	0.0	-	-	-	-	**2**	4
USA, Alabama: White	0.1	0.3	0.1	0.0	0.0	-	-	-	**40**	59
USA, Alaska	0.4	0.2	0.1	0.1	-	-	-	-	**6**	9
USA, Arizona	0.1	0.4	0.1	0.0	-	0.0	-	0.0	**79**	100
USA, California	0.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	**542**	718
USA, California, Greater San Francisco Bay Area	0.2	0.5	0.1	0.0	0.0	-	-	-	**108**	143
USA, California, Greater San Francisco Bay Area: Black	-	-	-	-	0.1	-	-	-	**2**	2
USA, California, Greater San Francisco Bay Area: Chinese	0.2	-	-	-	-	-	-	-	**1**	1
USA, California, Greater San Francisco Bay Area: Filipino	0.2	0.1	-	-	-	-	-	-	**2**	2
USA, California, Greater San Francisco Bay Area: Japanese	-	-	-	-	-	-	-	-	**0**	0
USA, California, Greater San Francisco Bay Area: Hispanic White	0.2	0.2	0.0	-	-	-	-	-	**10**	15
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	0.1	0.7	0.1	0.0	0.0	-	-	-	**86**	114
USA, California, Los Angeles County	0.2	0.3	0.2	0.0	0.0	0.0	0.0	0.0	**136**	165
USA, California, Los Angeles County: Black	0.2	-	-	-	-	-	-	-	**3**	3
USA, California, Los Angeles County: Chinese	0.2	0.1	-	-	-	-	-	-	**1**	2
USA, California, Los Angeles County: Filipino	-	-	-	-	-	-	-	-	**0**	0
USA, California, Los Angeles County: Hispanic White	0.3	0.1	0.2	0.0	0.0	0.0	-	0.0	**44**	49
USA, California, Los Angeles County: Japanese	0.9	-	-	-	-	-	-	-	**-**	1
USA, California, Los Angeles County: Korean	-	-	-	-	-	-	-	-	**0**	0
USA, California, Los Angeles County: Non-Hispanic White	0.2	0.5	0.2	0.0	0.0	-	0.0	-	**82**	104
USA, California: Asian and Pacific Islander	0.2	0.1	-	0.0	-	-	0.0	-	**17**	20
USA, California: Black	0.1	0.0	0.0	0.0	0.0	0.0	-	-	**12**	13
USA, California: Hispanic White	0.2	0.1	0.2	0.0	0.0	0.0	-	0.0	**100**	117
USA, California: Non-hispanic White	0.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	**394**	544
USA, Colorado	0.1	0.5	0.1	-	0.0	0.0	-	0.0	**55**	82
USA, Connecticut	0.1	0.4	0.0	0.0	0.0	0.1	0.0	0.0	**46**	62
USA, Connecticut: Black	-	-	-	0.1	-	0.1	-	-	**2**	2
USA, Connecticut: White	0.1	0.4	0.0	0.0	0.0	0.1	0.0	0.0	**44**	60
USA, District of Columbia	0.4	-	-	-	-	-	-	-	**3**	3
USA, District of Columbia: Black	0.4	-	-	-	-	-	-	-	**2**	2
USA, District of Columbia: White	0.5	-	-	-	-	-	-	-	**1**	1
USA, Florida	0.2	0.5	0.1	0.0	0.0	0.0	-	0.0	**269**	482
USA, Florida: Black	0.2	0.0	0.1	0.0	0.0	0.0	-	0.0	**16**	23
USA, Florida: White	0.2	0.6	0.1	0.0	0.0	0.0	-	0.0	**241**	441
USA, Georgia	0.2	0.3	0.1	0.0	-	0.0	-	0.0	**92**	121
USA, Georgia, Atlanta	0.1	0.3	0.0	0.0	-	0.0	-	-	**25**	32
USA, Georgia, Atlanta: Black	0.1	-	0.0	-	-	-	-	-	**2**	2
USA, Georgia, Atlanta: White	0.2	0.4	0.0	0.0	-	-	-	-	**20**	27
USA, Georgia: Black	0.2	-	0.0	0.0	-	0.0	-	-	**14**	16
USA, Georgia: White	0.2	0.4	0.1	0.0	-	0.0	-	0.0	**76**	103
USA, Idaho	-	0.3	-	0.1	-	-	-	-	**13**	17
USA, Illinois	0.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	**172**	235
USA, Illinois: Black	0.2	0.0	0.1	-	0.0	0.0	-	-	**11**	12
USA, Illinois: White	0.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	**148**	208
USA, Indiana	0.1	0.5	0.1	0.0	0.0	0.0	0.0	0.0	**73**	126
USA, Iowa	0.2	0.6	0.0	0.0	0.0	0.0	0.0	-	**63**	85
USA, Kentucky	0.1	0.6	0.1	0.0	0.0	0.0	-	-	**83**	109
USA, Louisiana	0.1	0.5	0.1	0.0	-	0.0	-	0.0	**65**	88
USA, Louisiana, New Orleans: Black	-	-	0.1	-	-	-	-	0.1	**2**	2
USA, Louisiana, New Orleans: White	-	0.6	0.2	0.1	-	-	-	-	**12**	17
USA, Louisiana: Black	0.1	0.1	0.0	-	-	0.0	-	0.0	**5**	9
USA, Louisiana: White	0.1	0.6	0.1	0.0	-	0.0	-	-	**59**	78
USA, Maine	0.2	0.5	0.1	0.0	0.0	-	-	-	**18**	33
USA, Massachusetts	0.1	0.7	0.0	0.0	-	0.0	-	0.0	**53**	159

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Eye (C69) - Male (Contd)

	Retinoblastoma	Melanoma	Carcinoma			Sarcoma	Other	Unspec.	Number of cases	
			Squamous	Other	Unspec.				MV	Total
America, North (Contd)										
USA, Michigan	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**150**	188
USA, Michigan, Detroit	0.3	0.3	0.0	0.0	-	-	0.0	0.0	**60**	66
USA, Michigan, Detroit: Black	0.2	0.1	-	0.0	-	-	-	-	**7**	7
USA, Michigan, Detroit: White	0.3	0.4	0.0	-	-	-	0.0	0.0	**51**	57
USA, Michigan: Black	0.2	0.1	-	0.0	-	-	-	-	**8**	9
USA, Michigan: White	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**136**	170
USA, Missouri	0.1	0.6	0.1	0.0	-	0.0	0.0	0.0	**88**	138
USA, Missouri: Black	0.2	-	0.1	0.1	-	-	-	-	**3**	4
USA, Missouri: White	0.1	0.6	0.1	0.0	-	0.1	0.0	0.0	**82**	130
USA, Montana	0.2	0.6	0.1	-	-	0.1	-	-	**16**	25
USA, New Jersey	0.1	0.5	0.1	0.0	0.0	0.0	-	0.0	**124**	190
USA, New Jersey: Black	0.2	0.1	0.0	-	-	0.0	-	-	**7**	9
USA, New Jersey: White	0.1	0.6	0.1	0.0	0.0	0.0	-	0.0	**110**	174
USA, New Mexico	0.1	0.3	0.2	0.0	0.0	0.0	-	-	**25**	34
USA, New Mexico: American Indian	0.5	-	0.2	-	-	-	-	-	**3**	3
USA, New Mexico: Hispanic White	0.1	0.1	0.1	0.1	-	0.1	-	-	**7**	8
USA, New Mexico: Non-Hispanic White	0.1	0.4	0.2	-	0.0	-	-	-	**15**	23
USA, New York state	0.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	**283**	438
USA, New York state: Black	0.2	0.0	0.0	0.0	0.0	0.1	-	0.0	**22**	25
USA, New York state: White	0.2	0.6	0.1	0.0	0.0	0.0	0.0	0.0	**254**	403
USA, NPCR	0.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	**3312**	4871
USA, NPCR: Black	0.2	0.0	0.0	0.0	0.0	0.0	-	0.0	**143**	180
USA, NPCR: White	0.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	**3002**	4491
USA, Ohio	0.1	0.4	0.0	0.0	0.0	0.0	0.0	-	**168**	221
USA, Ohio: Black	0.1	0.0	0.0	0.1	-	0.0	-	-	**8**	8
USA, Ohio: White	0.1	0.5	0.0	0.0	0.0	0.0	0.0	-	**153**	206
USA, Oklahoma	0.1	0.5	0.1	0.0	0.0	0.0	-	0.0	**54**	85
USA, Oregon	0.1	0.7	0.1	0.0	-	0.0	-	-	**56**	94
USA, Pennsylvania	0.2	0.6	0.1	0.0	0.0	0.1	-	-	**210**	324
USA, Pennsylvania: Black	0.1	0.1	0.1	-	-	0.0	-	-	**7**	10
USA, Pennsylvania: White	0.2	0.6	0.1	0.0	0.0	0.0	-	-	**194**	304
USA, Rhode Island	-	0.5	0.0	0.1	-	-	-	0.0	**9**	20
USA, SEER (9 registries)	0.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	**394**	530
USA, SEER (9 registries): Black	0.1	0.0	0.0	0.0	0.0	0.0	-	-	**14**	14
USA, SEER (9 registries): White	0.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	**352**	486
USA, SEER (14 registries)	0.2	0.5	0.1	0.0	0.0	0.0	0.0	0.0	**1141**	1546
USA, SEER (14 registries): Asian and Pacific Islander	0.2	0.1	0.0	0.0	-	0.0	0.0	-	**34**	37
USA, SEER (14 registries): Black	0.1	0.1	0.0	0.0	0.0	0.0	-	0.0	**38**	46
USA, SEER (14 registries): Hispanic White	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**125**	151
USA, SEER (14 registries): Non-hispanic White	0.1	0.6	0.1	0.0	0.0	0.0	0.0	0.0	**909**	1271
USA, South Carolina	0.2	0.3	0.1	0.0	-	0.0	-	0.0	**46**	66
USA, South Carolina: Black	0.2	-	0.1	-	-	-	-	-	**7**	8
USA, South Carolina: White	0.1	0.4	0.1	0.0	-	0.0	-	0.0	**38**	57
USA, Texas	0.1	0.4	0.1	0.0	-	0.0	-	0.0	**302**	387
USA, Texas: Black	0.2	0.0	0.0	-	-	-	-	-	**10**	13
USA, Texas: White	0.1	0.5	0.1	0.0	-	0.0	-	0.0	**284**	366
USA, Utah	0.2	0.7	0.1	-	-	-	-	-	**30**	51
USA, Vermont	0.1	0.3	0.1	-	-	0.0	-	-	**3**	9
USA, Washington State	0.1	0.6	0.0	0.0	-	0.0	-	-	**89**	143
USA, Washington, Seattle	0.1	0.6	0.0	0.0	-	0.0	-	-	**62**	95
USA, West Virginia	0.1	0.6	0.1	0.0	-	0.1	-	-	**42**	53
USA, Wisconsin	0.2	0.7	0.0	0.0	0.0	0.0	-	0.0	**125**	157
Asia										
Bahrain: Bahraini	-	-	-	-	-	-	-	-	**0**	0
China, Guangzhou City	0.1	0.0	0.0	0.0	0.1	-	-	-	**12**	13 *
China, Hong Kong	0.2	0.0	0.0	0.0	0.0	-	-	0.0	**31**	32
China, Jiashan	-	-	-	0.1	-	-	-	-	**1**	1 *
China, Nangang District, Harbin City	-	-	-	-	-	-	-	0.1	**1**	2
China, Shanghai	-	-	0.0	0.0	-	-	0.0	0.2	**22**	28 *
China, Zhongshan	0.1	-	0.0	0.0	-	0.0	-	-	**5**	5 *
Cyprus	-	0.1	0.1	-	-	-	-	-	**4**	6 *
India, Chennai (Madras)	0.2	0.0	0.0	-	0.0	-	-	0.0	**21**	23
India, Karunagappally	-	0.1	-	-	-	-	-	-	**1**	1
India, Mumbai (Bombay)	0.1	0.0	0.0	0.0	0.0	0.0	-	0.0	**31**	37
India, Nagpur	0.3	-	-	-	-	-	-	0.0	**12**	13 *
India, New Delhi	0.2	-	0.0	0.0	0.0	0.0	0.0	0.0	**82**	95 *
India, Poona	-	-	-	-	-	-	-	0.1	**6**	7 *
India, Trivandrum	0.0	-	0.1	-	-	0.0	-	-	**4**	4 *
Israel	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	**60**	76
Israel: Jews	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	**50**	59
Israel: Non-Jews	0.0	0.1	0.1	-	-	0.1	-	-	**6**	7
Japan, Aichi Prefecture	0.2	-	-	-	-	-	-	0.0	**3**	3
Japan, Fukui Prefecture	-	-	-	-	-	-	-	-	**0**	0
Japan, Hiroshima	0.2	0.0	0.0	-	-	-	-	-	**4**	4
Japan, Miyagi Prefecture	0.2	0.1	0.0	0.0	0.0	-	-	-	**21**	21
Japan, Nagasaki Prefecture	0.3	-	-	0.0	-	-	-	-	**6**	6
Japan, Osaka Prefecture	0.1	0.0	0.0	0.0	-	-	-	0.0	**16**	21
Japan, Yamagata Prefecture	0.1	-	-	0.0	-	-	-	0.0	**3**	4
Korea	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	**153**	206
Korea, Busan	0.1	0.0	0.0	-	-	0.0	-	0.0	**10**	13
Korea, Daegu	0.1	0.1	-	0.0	-	0.0	0.0	-	**14**	14
Korea, Daejeon	0.2	0.1	-	0.0	-	-	-	0.1	**10**	14
Korea, Gwangju	0.2	0.1	0.1	-	-	-	-	-	**6**	9
Korea, Incheon	0.1	0.1	0.0	-	-	0.0	-	0.0	**11**	14

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Eye (C69) - Male (Contd)

	Retinoblastoma	Melanoma	Carcinoma			Sarcoma	Other	Unspec.	Number of cases	
			Squamous	Other	Unspec.				MV	Total
Asia (Contd)										
Korea, Jejudo	-	0.1	0.1	-	-	-	-	0.1	**2**	3
Korea, Seoul	0.1	0.1	0.0	0.0	0.0	0.0	-	0.1	**46**	53
Korea, Ulsan	0.3	0.0	-	-	-	0.0	-	0.1	**7**	9
Kuwait: Kuwaitis	0.1	-	0.1	0.0	-	-	-	-	**2**	4
Kuwait: Non-Kuwaitis	0.1	0.3	-	0.0	-	-	-	-	**6**	7
Malaysia, Penang	0.1	0.0	-	0.0	-	-	-	-	**4**	4
Malaysia, Sarawak	0.1	0.1	0.1	-	-	0.0	-	0.0	**11**	15
Oman: Omani	0.1	0.1	0.3	-	-	-	-	-	**12**	12 *
Pakistan, South Karachi	0.1	0.1	0.2	0.1	0.0	0.1	-	0.0	**22**	23 *
Philippines, Manila	0.3	-	0.0	-	-	0.0	-	-	**33**	40 *
Singapore	0.1	0.0	0.0	0.0	-	-	-	0.1	**13**	15
Singapore: Chinese	0.1	0.0	0.0	0.0	-	-	-	0.0	**11**	12
Singapore: Indian	0.2	-	-	-	-	-	-	0.2	**1**	2
Singapore: Malay	-	0.1	-	-	-	-	-	-	**1**	1
Thailand, Chiang Mai	0.1	0.0	0.2	-	-	-	-	0.2	**14**	17 *
Thailand, Lampang	0.2	-	0.1	-	-	-	-	0.0	**3**	4 *
Thailand, Songkhla	0.3	0.1	0.2	-	-	-	-	-	**13**	13
Turkey, Antalya	0.0	0.2	0.2	-	-	-	-	-	**10**	10 *
Turkey, Izmir	0.1	0.1	0.0	0.0	-	0.0	-	-	**19**	20 *
Europe										
Austria	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	**83**	104
Austria, Tyrol	-	0.5	0.1	-	-	-	-	-	**12**	12
Austria, Vorarlberg	-	0.5	-	-	-	-	-	0.1	**6**	7
Belarus	0.1	0.5	0.0	0.0	-	0.0	-	0.1	**192**	201 *
Belgium, Antwerp	0.1	0.3	-	-	-	0.1	-	-	**19**	20 *
Belgium, Flanders	0.1	0.4	0.0	0.0	0.0	0.1	-	0.0	**80**	102
Bulgaria	0.1	0.2	0.0	0.0	0.0	0.0	-	0.0	**107**	115 *
Croatia	0.1	0.3	0.0	0.0	0.0	-	-	0.3	**56**	101
Czech Republic	0.0	0.5	0.0	0.0	0.0	-	-	0.1	**194**	236
Denmark	0.2	0.8	0.0	0.0	-	0.0	0.0	0.2	**161**	217
Estonia	0.1	0.8	-	-	0.0	0.0	-	0.0	**34**	41
Finland *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	0.1	0.6	0.1	-	-	-	-	0.1	**12**	27
France, Calvados	0.2	0.2	0.1	-	-	-	0.1	-	**8**	10
France, Doubs	0.1	0.6	0.2	0.1	-	-	-	-	**9**	15
France, Haut-Rhin	-	0.5	0.0	-	-	-	-	0.2	**5**	19
France, Herault	0.2	0.3	0.1	-	0.0	-	-	-	**19**	19
France, Isere	0.1	0.5	0.1	-	0.0	0.1	-	-	**13**	26
France, Loire-Atlantique	0.3	0.6	0.1	-	-	-	-	0.0	**14**	32
France, Manche	0.2	0.4	0.1	-	-	0.1	-	0.1	**9**	12
France, Somme	0.3	0.7	0.0	-	-	-	-	0.0	**8**	16
France, Tarn	-	0.5	0.0	-	-	-	-	0.0	**7**	10
France, Vendee	-	0.2	0.2	-	0.1	-	-	0.1	**12**	14
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	-	0.4	-	-	0.0	-	-	-	**19**	29
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
Germany, Munich	0.0	0.1	0.0	0.0	0.0	-	-	0.2	**18**	41
Germany, Northrhine-Westphalia: Munster	0.2	0.4	0.0	0.0	0.0	-	-	0.0	**39**	49
Germany, Saarland	-	0.5	0.0	-	-	0.0	-	0.0	**27**	27
Iceland	-	0.3	-	-	-	0.2	0.1	-	**5**	5
Ireland	0.1	0.6	0.0	-	-	0.0	-	0.1	**64**	96
Italy, Biella Province	-	0.3	-	-	-	-	-	-	**1**	2
Italy, Brescia Province	-	0.3	0.1	-	0.0	-	-	0.3	**10**	15
Italy, Ferrara Province	-	0.1	0.1	-	-	-	-	0.1	**1**	3
Italy, Florence and Prato	0.1	0.4	0.0	-	-	-	-	0.1	**13**	28
Italy, Genoa Province	-	0.3	-	-	-	-	-	0.1	**5**	10
Italy, Macerata Province	-	0.3	-	-	-	-	-	-	**1**	2
Italy, Milan	0.1	0.3	-	0.0	-	-	0.0	0.0	**10**	18
Italy, Modena Province	0.2	0.3	-	-	-	-	-	0.1	**6**	10
Italy, Naples	0.1	0.2	0.1	-	-	-	-	-	**5**	5
Italy, North East Cancer Surveillance Network	0.1	0.3	0.1	-	-	-	-	0.3	**41**	58
Italy, Parma Province	-	0.3	0.1	-	-	-	-	0.0	**6**	7
Italy, Ragusa Province	-	0.2	0.2	-	-	-	-	-	**4**	5
Italy, Reggio Emilia Province	-	0.5	-	0.1	0.1	-	-	0.3	**13**	15
Italy, Romagna Region	0.1	0.4	0.1	0.0	0.0	-	-	0.1	**24**	29
Italy, Salerno Province	-	0.3	0.1	-	-	-	-	0.1	**11**	16
Italy, Sassari Province	-	0.2	0.0	-	-	-	-	-	**5**	5
Italy, Sondrio	-	0.4	0.2	-	-	-	-	-	**3**	3
Italy, Syracuse Province	-	0.7	-	-	-	-	-	-	**4**	8
Italy, Torino	0.1	0.3	0.0	-	-	-	-	0.2	**10**	18
Italy, Umbria Region	0.6	0.3	0.0	0.0	-	-	-	0.2	**16**	22
Italy, Varese Province	-	0.5	-	-	0.1	-	0.1	0.1	**10**	13
Italy, Veneto Region	0.1	0.5	0.1	0.0	-	0.1	-	0.0	**24**	40
Latvia	0.1	0.4	0.0	0.0	-	0.0	-	0.2	**47**	54
Lithuania	0.1	0.4	0.0	0.0	-	0.0	-	0.1	**58**	64
Malta	0.4	0.1	-	-	-	-	-	-	**3**	3
Norway	0.1	0.7	0.0	0.0	-	0.0	-	0.0	**95**	141
Poland, Cracow	-	0.5	-	0.0	-	0.1	-	0.1	**14**	16 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	-	-
Poland, Warsaw City	0.1	0.2	-	-	-	0.0	-	0.0	**15**	16
Portugal, Porto	0.2	0.2	0.1	-	0.0	0.0	0.0	0.0	**48**	50 *
Portugal, South Regional	0.2	0.3	0.1	-	-	0.0	-	0.0	**41**	45
Russia, St Petersburg	0.1	0.3	-	0.0	0.0	-	-	0.1	**51**	56

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Eye (C69) - Male (Contd)

	Retinoblastoma	Melanoma	Carcinoma			Sarcoma	Other	Unspec.	Number of cases	
			Squamous	Other	Unspec.				MV	Total
Europe (Contd)										
Serbia	0.0	0.1	0.1	0.0	0.0	0.0	-	0.3	**42**	86
Slovak Republic	0.1	0.6	0.1	0.0	-	0.0	-	0.0	**105**	115
Slovenia	0.1	0.5	0.0	-	-	-	-	-	**35**	35
Spain, Albacete	-	0.6	0.2	-	0.1	-	-	0.1	**8**	9
Spain, Asturias	0.2	0.3	0.0	-	0.0	-	-	-	**14**	16
Spain, Basque Country	0.1	0.3	0.1	-	-	0.1	-	-	**26**	30
Spain, Canary Islands	-	0.2	0.3	0.0	-	-	-	-	**23**	23
Spain, Cuenca	-	0.1	0.1	-	-	-	-	-	**2**	2
Spain, Girona	-	0.2	0.2	-	-	-	-	0.1	**7**	9
Spain, Granada	0.1	0.4	0.1	0.0	-	-	-	-	**13**	15
Spain, Murcia	-	0.2	0.1	-	-	-	-	0.0	**10**	12
Spain, Navarra	0.4	0.2	0.1	-	-	-	-	-	**8**	10
Spain, Tarragona	-	0.2	0.1	-	-	-	-	0.0	**7**	7
Spain, Zaragoza	0.1	0.3	0.0	-	-	-	-	0.0	**14**	15
Sweden	0.1	0.5	0.0	0.0	0.0	0.0	-	0.3	**192**	291
Switzerland, Geneva	0.4	0.2	0.0	-	-	-	-	0.0	**5**	7
Switzerland, Graubunden and Glarus	-	0.9	0.1	0.1	-	-	-	-	**9**	9
Switzerland, Neuchatel	-	0.6	-	0.2	-	0.2	-	-	**5**	5
Switzerland, St Gall-Appenzell	-	0.3	-	-	-	-	-	0.0	**5**	6
Switzerland, Ticino	0.6	0.1	-	-	-	-	-	-	**3**	4
Switzerland, Valais	-	0.4	-	0.1	-	-	-	-	**4**	6
Switzerland, Vaud	-	0.3	0.1	0.0	-	-	-	-	**10**	11
The Netherlands	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	**303**	357
The Netherlands, Eindhoven	0.1	0.9	-	0.0	-	-	-	-	**32**	35
The Netherlands, Maastricht	-	0.3	-	-	-	-	-	-	**11**	11
UK, England, East of England Region	0.1	0.4	-	0.0	-	0.0	-	-	**37**	51
UK, England, Merseyside and Cheshire	0.1	0.4	0.0	0.0	-	0.0	-	-	**37**	47
UK, England, North Western	0.1	0.6	0.0	0.0	0.0	0.0	-	-	**88**	107
UK, England, Northern And Yorkshire	0.2	0.5	0.0	0.0	0.0	0.0	-	0.0	**98**	147
UK, England, Oxford Region	0.2	0.5	0.0	-	-	0.0	-	0.0	**43**	63
UK, England, South and Western Regions	0.1	0.4	0.0	0.0	0.0	0.1	-	0.3	**119**	204
UK, England, Thames	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	**158**	265
UK, England, Trent	0.1	0.5	0.0	0.0	-	0.0	-	-	**74**	110
UK, England, West Midlands	0.2	0.3	0.0	0.0	0.0	0.0	-	0.0	**69**	82
UK, Northern Ireland	0.1	0.3	0.0	0.0	-	-	0.0	0.1	**24**	32
UK, Scotland	0.1	0.5	0.1	0.0	-	0.0	-	0.0	**108**	129
Oceania										
Australia, New South Wales	0.2	0.6	0.3	0.0	0.0	0.0	0.0	-	**166**	225
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-	-
Australia, Queensland	0.2	0.8	0.5	0.0	0.0	0.0	-	-	**132**	170
Australia, South	0.3	1.1	0.1	0.1	-	0.1	-	-	**53**	76
Australia, Tasmania	-	0.4	0.5	0.1	-	-	-	0.1	**15**	17
Australia, Victoria	0.2	0.6	0.2	0.0	0.0	0.0	-	0.0	**136**	149
Australia, Western	0.1	0.6	0.3	0.0	0.0	0.1	-	-	**62**	65
Australian Capital Territory	0.2	1.0	-	-	-	-	-	-	**5**	9
French Polynesia	0.6	0.2	0.1	-	0.1	-	-	-	**6**	6
New Zealand	0.2	0.7	0.2	0.0	0.0	0.0	0.0	0.1	**130**	137
USA, Hawaii	0.1	0.0	0.1	0.0	-	0.0	-	-	**12**	12
USA, Hawaii: Chinese	-	-	-	-	-	-	-	-	**0**	0
USA, Hawaii: Filipino	-	-	0.1	-	-	-	-	-	**1**	1
USA, Hawaii: Hawaiian	0.4	-	0.5	-	-	-	-	-	**4**	4
USA, Hawaii: Japanese	-	-	0.0	0.1	-	0.4	-	-	**3**	3
USA, Hawaii: White	-	0.1	0.3	-	-	-	-	-	**4**	4

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Eye (C69) - Female

	Retinoblastoma	Melanoma	Carcinoma			Sarcoma	Other	Unspec.	Number of cases	
			Squamous	Other	Unspec.				MV	Total
Africa										
Algeria, Setif	-	-	-	-	-	-	-	-	**0**	0 *
Egypt, Gharbiah	0.1	0.1	0.0	-	-	0.0	-	-	**13**	14
Tunisia, Centre, Sousse	-	-	0.1	-	-	-	0.1	-	**2**	2 *
Uganda, Kyadondo County	0.1	-	1.6	-	0.1	-	-	0.2	**51**	60 *
Zimbabwe, Harare: African	0.2	0.1	3.0	0.1	-	0.0	-	0.3	**111**	117 *
America, Central and South										
Argentina, Bahia Blanca	-	0.1	0.0	-	0.0	-	0.2	-	**3**	4
Brazil, Brasilia	0.1	0.0	0.2	-	-	-	-	0.6	**16**	32
Brazil, Cuiaba	-	0.2	0.1	-	-	0.1	-	-	**3**	3
Brazil, Goiania	0.3	0.1	0.5	-	-	0.0	-	0.0	**17**	18
Brazil, Sao Paulo	0.3	0.3	0.2	0.0	0.0	0.0	-	0.3	**229**	300
Chile, Valdivia	-	0.2	-	0.1	-	-	-	-	**3**	3
Colombia, Cali	0.3	0.1	0.3	0.0	-	0.1	-	0.0	**31**	32
Costa Rica	0.2	0.1	0.1	0.0	-	-	-	0.1	**30**	35
Ecuador, Quito	0.3	0.0	0.1	-	0.0	0.0	-	0.1	**19**	21
France, La Martinique	-	-	-	-	-	-	-	-	**0**	0
Peru, Trujillo	0.1	0.1	0.2	-	0.1	-	-	-	**6**	6 *
America, North										
Canada (excluding Quebec, Yukon and Nunavut)	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**270**	454
Canada, Alberta	0.1	0.4	0.0	0.0	0.0	-	0.0	-	**38**	46
Canada, British Columbia	0.1	0.4	0.0	-	-	0.0	-	0.0	**27**	73
Canada, Manitoba	0.0	0.3	0.0	0.0	-	-	-	-	**12**	17
Canada, New Brunswick	0.2	0.3	-	-	-	-	-	-	**12**	14
Canada, Newfoundland and Labrador	-	0.3	0.0	-	-	-	-	-	**7**	7
Canada, Northwest Territories	1.5	-	-	-	-	-	-	-	**1**	1
Canada, Nova Scotia	-	0.3	-	-	-	-	-	-	**11**	14
Canada, Ontario	0.2	0.4	0.0	0.0	0.0	0.0	-	0.1	**149**	259
Canada, Prince Edward Island	-	0.2	-	-	-	-	-	-	**2**	2
Canada, Saskatchewan	0.1	0.3	0.1	-	-	-	-	-	**11**	21
USA, Alabama	0.1	0.2	0.0	-	-	0.0	-	0.0	**28**	45
USA, Alabama: Black	0.1	0.0	0.1	-	-	0.0	-	-	**5**	5
USA, Alabama: White	0.1	0.2	-	-	-	0.0	-	0.0	**23**	40
USA, Alaska	-	0.1	-	-	-	-	-	0.1	**2**	3
USA, Arizona	0.1	0.3	0.0	0.0	-	0.0	-	0.0	**54**	80
USA, California	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**375**	547
USA, California, Greater San Francisco Bay Area	0.1	0.4	0.0	0.0	-	0.0	-	-	**85**	112
USA, California, Greater San Francisco Bay Area: Black	-	0.1	-	-	-	-	-	-	**1**	1
USA, California, Greater San Francisco Bay Area: Chinese	-	-	-	-	-	-	-	-	**0**	0
USA, California, Greater San Francisco Bay Area: Filipino	-	0.1	-	-	-	-	-	-	**1**	2
USA, California, Greater San Francisco Bay Area: Japanese	-	-	-	-	-	-	-	-	**0**	0
USA, California, Greater San Francisco Bay Area: Hispanic White	0.1	0.4	-	-	-	-	-	-	**10**	12
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	0.2	0.5	0.0	0.0	-	0.0	-	-	**71**	92
USA, California, Los Angeles County	0.1	0.3	0.0	0.0	0.0	0.0	-	-	**81**	120
USA, California, Los Angeles County: Black	0.1	0.0	-	0.0	-	-	-	-	**2**	3
USA, California, Los Angeles County: Chinese	-	-	-	0.1	-	-	-	-	**1**	1
USA, California, Los Angeles County: Filipino	-	-	-	0.1	-	-	-	-	**1**	1
USA, California, Los Angeles County: Hispanic White	0.2	0.1	0.0	0.0	-	-	-	-	**23**	29
USA, California, Los Angeles County: Japanese	-	-	-	-	-	-	-	-	**-**	0
USA, California, Los Angeles County: Korean	-	-	-	-	-	-	-	-	**0**	0
USA, California, Los Angeles County: Non-Hispanic White	0.1	0.5	0.1	0.0	0.0	0.0	-	-	**52**	83
USA, California: Asian and Pacific Islander	0.0	0.0	0.0	0.0	-	-	-	-	**9**	13
USA, California: Black	0.0	0.0	-	0.0	-	0.0	-	-	**5**	6
USA, California: Hispanic White	0.2	0.2	0.0	0.0	-	0.0	-	0.0	**66**	86
USA, California: Non-hispanic White	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	**281**	420
USA, Colorado	0.2	0.7	0.0	0.0	-	-	-	0.0	**45**	107
USA, Connecticut	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**51**	81
USA, Connecticut: Black	0.2	0.1	-	-	-	0.2	-	-	**3**	3
USA, Connecticut: White	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**48**	77
USA, District of Columbia	0.1	0.1	-	-	-	0.1	-	-	**4**	4
USA, District of Columbia: Black	0.2	-	-	-	-	0.1	-	-	**2**	2
USA, District of Columbia: White	-	0.1	-	-	-	-	-	-	**1**	1
USA, Florida	0.1	0.4	0.0	0.0	0.0	0.0	-	0.0	**214**	412
USA, Florida: Black	0.1	0.1	-	0.0	-	0.0	-	-	**6**	11
USA, Florida: White	0.1	0.5	0.0	0.0	0.0	0.0	-	0.0	**200**	387
USA, Georgia	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	**67**	91
USA, Georgia, Atlanta	0.2	0.2	-	-	0.0	-	0.0	0.0	**20**	28
USA, Georgia, Atlanta: Black	0.3	-	-	-	-	-	-	-	**5**	5
USA, Georgia, Atlanta: White	0.1	0.3	-	-	0.0	-	0.0	0.0	**14**	22
USA, Georgia: Black	0.1	0.0	0.0	-	-	0.0	-	-	**10**	10
USA, Georgia: White	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	**55**	79
USA, Idaho	0.2	0.4	0.0	-	-	-	-	-	**13**	20
USA, Illinois	0.1	0.3	0.0	0.0	0.0	0.0	0.0	-	**132**	185
USA, Illinois: Black	0.2	0.0	-	0.0	-	0.0	-	-	**11**	11
USA, Illinois: White	0.1	0.3	0.0	0.0	0.0	0.0	0.0	-	**113**	164
USA, Indiana	0.1	0.4	0.0	0.0	-	-	-	-	**52**	97
USA, Iowa	0.2	0.5	0.0	0.0	-	0.0	0.0	-	**55**	73
USA, Kentucky	0.2	0.5	0.0	0.0	-	0.0	0.0	0.0	**69**	90
USA, Louisiana	0.2	0.3	0.0	0.0	-	0.0	-	0.0	**45**	75
USA, Louisiana, New Orleans: Black	0.1	0.2	-	-	-	-	-	-	**3**	3
USA, Louisiana, New Orleans: White	0.2	0.5	0.0	0.0	-	-	-	-	**8**	15
USA, Louisiana: Black	0.2	0.1	-	-	-	-	-	-	**6**	7
USA, Louisiana: White	0.2	0.5	0.0	0.0	-	0.0	-	0.0	**39**	68
USA, Maine	0.1	0.7	-	-	-	-	-	-	**8**	40
USA, Massachusetts	0.0	0.5	0.0	0.0	-	0.0	-	0.0	**45**	145

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Eye (C69) - Female (Contd)

	Retinoblastoma	Melanoma	Carcinoma			Sarcoma	Other	Unspec.	Number of cases	
			Squamous	Other	Unspec.				MV	Total
America, North (Contd)										
USA, Michigan	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	**116**	153
USA, Michigan, Detroit	0.1	0.3	0.0	-	0.0	-	0.0	-	**47**	58
USA, Michigan, Detroit: Black	0.1	0.0	-	-	0.0	-	0.0	-	**4**	5
USA, Michigan, Detroit: White	0.1	0.4	0.0	-	0.0	-	-	-	**42**	51
USA, Michigan: Black	0.1	0.0	-	-	0.0	-	0.0	-	**4**	5
USA, Michigan: White	0.1	0.4	0.0	0.0	0.0	0.0	-	0.0	**107**	141
USA, Missouri	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	**70**	99
USA, Missouri: Black	0.1	-	-	-	-	-	-	-	**1**	1
USA, Missouri: White	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**69**	98
USA, Montana	0.4	0.5	0.0	-	-	-	0.0	-	**17**	23
USA, New Jersey	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**98**	172
USA, New Jersey: Black	0.1	-	-	-	-	0.0	-	-	**3**	3
USA, New Jersey: White	0.1	0.4	0.0	0.0	0.0	0.0	-	0.0	**90**	162
USA, New Mexico	0.1	0.3	0.0	0.0	-	0.0	-	-	**24**	35
USA, New Mexico: American Indian	-	-	0.1	-	-	-	-	-	**1**	1
USA, New Mexico: Hispanic White	0.3	0.1	0.1	0.0	-	-	-	-	**8**	10
USA, New Mexico: Non-Hispanic White	-	0.5	0.0	0.1	-	0.0	-	-	**15**	24
USA, New York state	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**246**	416
USA, New York state: Black	0.2	0.0	0.0	0.0	-	0.0	-	0.0	**15**	17
USA, New York state: White	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	**221**	389
USA, NPCR	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**2552**	4121
USA, NPCR: Black	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**114**	128
USA, NPCR: White	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**2319**	3816
USA, Ohio	0.2	0.4	0.0	0.0	-	0.0	0.0	0.0	**146**	213
USA, Ohio: Black	0.2	0.0	-	-	-	-	0.0	-	**7**	7
USA, Ohio: White	0.2	0.4	0.0	0.0	-	0.0	0.0	0.0	**136**	201
USA, Oklahoma	0.2	0.4	0.0	0.0	0.0	0.0	-	0.0	**40**	67
USA, Oregon	0.0	0.6	0.0	-	-	-	-	-	**34**	84
USA, Pennsylvania	0.1	0.5	0.0	0.0	0.0	0.0	0.0	-	**153**	274
USA, Pennsylvania: Black	0.2	0.1	-	0.1	-	-	0.0	-	**12**	13
USA, Pennsylvania: White	0.1	0.5	0.0	0.0	0.0	0.0	-	-	**138**	258
USA, Rhode Island	0.1	0.5	-	0.0	-	0.0	-	-	**9**	22
USA, SEER (9 registries)	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**343**	483
USA, SEER (9 registries): Black	0.1	0.0	-	-	0.0	0.0	0.0	-	**13**	14
USA, SEER (9 registries): White	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**314**	448
USA, SEER (14 registries)	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**872**	1291
USA, SEER (14 registries): Asian and Pacific Islander	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-	**22**	27
USA, SEER (14 registries): Black	0.1	0.0	-	0.0	0.0	0.0	0.0	-	**29**	32
USA, SEER (14 registries): Hispanic White	0.2	0.2	0.1	0.0	-	0.0	-	0.0	**89**	113
USA, SEER (14 registries): Non-hispanic White	0.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	**711**	1087
USA, South Carolina	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	**21**	45
USA, South Carolina: Black	-	0.0	-	-	-	-	-	-	**1**	1
USA, South Carolina: White	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	**19**	39
USA, Texas	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	**222**	301
USA, Texas: Black	0.2	0.0	-	0.0	0.0	0.0	0.0	-	**14**	14
USA, Texas: White	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	**199**	274
USA, Utah	0.1	0.5	0.0	-	-	0.0	-	-	**19**	38
USA, Vermont	0.1	0.3	0.0	0.0	-	-	-	0.1	**5**	12
USA, Washington State	0.3	0.5	0.0	0.0	0.0	0.0	-	-	**92**	131
USA, Washington, Seattle	0.2	0.4	0.0	0.0	0.0	0.0	-	-	**59**	82
USA, West Virginia	0.0	0.4	-	0.0	-	0.1	-	0.0	**23**	37
USA, Wisconsin	0.2	0.5	0.0	-	-	0.0	0.0	0.0	**106**	128
Asia										
Bahrain: Bahraini	0.1	-	-	-	-	-	-	-	**1**	1
China, Guangzhou City	0.2	0.0	-	0.0	0.0	-	-	0.0	**9**	11 *
China, Hong Kong	0.2	0.0	0.0	0.0	-	0.0	-	0.0	**24**	26
China, Jiashan	-	-	0.1	-	-	-	-	-	**1**	1 *
China, Nangang District, Harbin City	-	-	-	-	-	-	-	0.2	**2**	2
China, Shanghai	0.0	0.0	-	0.0	-	-	-	0.1	**14**	18 *
China, Zhongshan	0.1	0.1	0.0	-	0.0	-	-	-	**6**	6 *
Cyprus	-	0.1	0.1	0.0	-	-	-	-	**5**	5 *
India, Chennai (Madras)	0.2	0.0	-	0.0	0.0	-	-	-	**19**	19
India, Karunagappally	-	0.1	-	-	-	-	-	-	**1**	1
India, Mumbai (Bombay)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**32**	33
India, Nagpur	0.3	-	0.0	-	-	-	-	-	**14**	14 *
India, New Delhi	0.1	0.0	0.0	0.0	0.0	0.0	-	0.0	**31**	39 *
India, Poona	-	-	-	-	-	-	-	0.0	**3**	3 *
India, Trivandrum	0.2	0.0	-	-	-	-	-	-	**4**	4 *
Israel	0.1	0.2	0.0	0.0	-	0.0	-	0.0	**49**	65
Israel: Jews	0.1	0.2	0.0	-	-	0.0	-	0.0	**45**	57
Israel: Non-Jews	0.0	-	0.1	0.0	-	0.0	-	-	**4**	4
Japan, Aichi Prefecture	-	-	0.0	-	-	-	-	0.0	**1**	3
Japan, Fukui Prefecture	-	-	-	-	-	-	-	0.0	**2**	2
Japan, Hiroshima	0.3	-	-	-	-	-	-	-	**2**	3
Japan, Miyagi Prefecture	0.1	0.0	0.0	0.0	-	-	-	-	**6**	6
Japan, Nagasaki Prefecture	0.3	-	0.0	0.0	-	0.0	0.0	-	**6**	8
Japan, Osaka Prefecture	0.2	0.0	0.0	-	-	-	-	0.0	**23**	24
Japan, Yamagata Prefecture	-	-	-	0.0	-	-	-	-	**1**	1
Korea	0.1	0.0	0.0	0.0	-	0.0	0.0	0.1	**133**	177
Korea, Busan	0.1	0.0	0.0	-	-	-	-	0.0	**11**	13
Korea, Daegu	0.1	0.1	0.0	0.0	-	-	-	0.0	**8**	9
Korea, Daejeon	0.1	0.0	-	0.0	-	-	-	0.1	**3**	5
Korea, Gwangju	0.1	0.1	0.0	-	-	-	-	0.0	**8**	8
Korea, Incheon	0.1	0.0	0.0	-	-	0.0	0.0	0.0	**9**	10

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Eye (C69) - Female (Contd)

	Retinoblastoma	Melanoma	Carcinoma			Sarcoma	Other	Unspec.	Number of cases	
			Squamous	Other	Unspec.				MV	Total
Asia (Contd)										
Korea, Jejudo	-	-	-	-	-	-	-	-	**0**	0
Korea, Seoul	0.2	0.1	0.0	0.0	-	-	0.0	0.0	**44**	51
Korea, Ulsan	0.1	-	-	-	-	-	-	0.1	**1**	2
Kuwait: Kuwaitis	-	-	-	-	-	-	-	-	**0**	0
Kuwait: Non-Kuwaitis	-	0.0	0.3	-	-	-	-	0.7	**2**	4
Malaysia, Penang	0.2	-	-	-	-	-	-	0.0	**3**	4
Malaysia, Sarawak	0.1	0.0	-	0.0	0.0	0.0	-	-	**10**	12
Oman: Omani	0.2	0.0	0.2	0.0	-	-	-	-	**12**	12 *
Pakistan, South Karachi	0.1	0.1	0.2	-	-	0.0	-	-	**10**	10 *
Philippines, Manila	0.2	0.0	-	0.0	-	0.0	-	0.0	**27**	36 *
Singapore	0.1	0.0	-	-	-	0.0	-	-	**7**	7
Singapore: Chinese	0.1	0.0	-	-	-	0.0	-	-	**5**	5
Singapore: Indian	-	-	-	-	-	-	-	-	**0**	0
Singapore: Malay	0.2	-	-	-	-	-	-	-	**2**	2
Thailand, Chiang Mai	0.1	-	0.0	-	-	-	-	0.1	**3**	4 *
Thailand, Lampang	0.1	0.1	-	0.0	-	-	-	-	**4**	4 *
Thailand, Songkhla	0.1	-	0.1	-	-	-	-	-	**7**	7
Turkey, Antalya	-	-	0.1	0.0	-	0.1	-	0.1	**6**	8 *
Turkey, Izmir	0.2	0.2	0.1	-	0.0	0.0	0.0	0.0	**31**	37 *
Europe										
Austria	0.1	0.2	0.0	0.0	0.0	0.0	-	0.0	**86**	111
Austria, Tyrol	-	0.5	-	-	-	-	-	-	**8**	13
Austria, Vorarlberg	-	0.3	-	-	-	-	-	0.3	**3**	5
Belarus	0.1	0.5	0.0	0.0	-	0.0	-	0.1	**237**	259 *
Belgium, Antwerp	-	0.1	-	0.0	-	0.0	-	-	**12**	12 *
Belgium, Flanders	0.1	0.4	0.0	0.0	0.0	0.0	-	0.0	**95**	118
Bulgaria	0.1	0.2	0.0	0.0	0.0	0.0	-	0.0	**107**	118 *
Croatia	0.1	0.2	0.0	-	0.0	0.0	-	0.4	**54**	146
Czech Republic	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.1	**179**	222
Denmark	0.1	0.6	0.0	0.0	-	-	-	0.1	**133**	180
Estonia	0.2	0.6	-	0.0	-	-	-	-	**35**	42
Finland *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	-	0.6	-	-	-	-	-	0.1	**13**	23
France, Calvados	0.4	0.1	-	-	-	-	-	0.0	**7**	8
France, Doubs	-	0.7	0.1	0.0	-	0.2	-	-	**8**	17
France, Haut-Rhin	0.1	0.5	-	0.0	-	0.1	-	-	**8**	19
France, Herault	0.1	0.2	0.0	-	0.0	-	-	-	**13**	13
France, Isere	0.1	1.0	-	-	-	-	-	-	**13**	45
France, Loire-Atlantique	0.1	0.3	-	0.0	-	-	-	0.1	**12**	18
France, Manche	-	0.4	0.1	-	-	-	-	-	**7**	7
France, Somme	-	0.6	-	0.1	-	-	-	-	**8**	16
France, Tarn	-	0.1	-	-	-	-	-	-	**0**	3
France, Vendee	-	0.2	-	-	-	-	-	0.0	**7**	10
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	0.1	0.2	0.0	-	0.0	-	-	0.0	**20**	28
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	-	**-**	-
Germany, Munich	-	0.1	0.0	0.0	0.0	0.0	-	0.2	**20**	41
Germany, Northrhine-Westphalia: Munster	0.2	0.2	-	0.0	0.0	0.1	-	-	**26**	39
Germany, Saarland	-	0.3	-	-	0.1	-	-	-	**20**	21
Iceland	-	0.3	0.1	-	-	-	-	-	**3**	3
Ireland	0.1	0.7	0.0	-	-	0.0	-	0.1	**67**	109
Italy, Biella Province	-	0.3	-	-	-	-	-	-	**1**	4
Italy, Brescia Province	0.2	0.2	-	-	-	-	-	0.1	**4**	10
Italy, Ferrara Province	0.5	0.5	0.0	0.0	-	0.0	-	0.2	**14**	18
Italy, Florence and Prato	0.2	0.3	-	-	-	-	-	0.1	**10**	23
Italy, Genoa Province	-	0.2	-	-	-	-	-	0.0	**4**	6
Italy, Macerata Province	-	0.6	-	-	-	-	-	-	**3**	4
Italy, Milan	0.1	0.2	0.0	-	-	-	-	0.0	**10**	23
Italy, Modena Province	0.2	0.4	-	0.0	-	0.1	-	0.1	**14**	18
Italy, Naples	0.1	0.2	-	-	-	-	-	-	**3**	4
Italy, North East Cancer Surveillance Network	-	0.2	0.0	0.0	-	-	0.0	0.5	**29**	52
Italy, Parma Province	-	0.1	0.0	-	-	-	-	0.0	**3**	5
Italy, Ragusa Province	-	0.4	-	-	-	-	-	-	**1**	4
Italy, Reggio Emilia Province	-	0.2	-	-	-	-	-	0.3	**4**	7
Italy, Romagna Region	-	0.2	0.0	0.0	-	-	-	0.2	**9**	20
Italy, Salerno Province	0.1	-	0.0	-	-	-	-	0.3	**2**	11
Italy, Sassari Province	-	0.1	-	-	-	-	-	0.0	**2**	2
Italy, Sondrio	-	0.1	-	-	-	-	-	-	**0**	1
Italy, Syracuse Province	0.3	0.3	-	-	-	-	-	-	**5**	6
Italy, Torino	-	0.2	-	0.0	-	-	-	0.0	**6**	14
Italy, Umbria Region	0.2	0.4	0.0	-	-	-	-	0.1	**9**	21
Italy, Varese Province	-	0.1	0.1	-	-	-	-	0.0	**5**	6
Italy, Veneto Region	0.1	0.4	0.0	0.0	-	-	-	0.0	**18**	42
Latvia	0.2	0.4	-	-	-	-	-	0.2	**52**	57
Lithuania	0.1	0.4	0.0	0.0	-	0.0	-	0.1	**75**	91
Malta	0.6	0.1	-	-	-	0.1	0.1	0.0	**8**	9
Norway	0.1	0.6	-	0.0	-	0.0	0.0	0.0	**108**	147
Poland, Cracow	-	0.3	-	-	-	-	-	0.1	**8**	10 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	-	-
Poland, Warsaw City	0.1	0.2	-	-	-	-	-	0.1	**20**	27
Portugal, Porto	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	**40**	41 *
Portugal, South Regional	0.4	0.2	0.0	-	-	0.1	-	0.0	**42**	48
Russia, St Petersburg	0.1	0.3	-	0.0	0.0	-	-	0.2	**86**	101

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Eye (C69) - Female (Contd)

	Retinoblastoma	Melanoma	Carcinoma			Sarcoma	Other	Unspec.	Number of cases	
			Squamous	Other	Unspec.				MV	Total
Europe (Contd)										
Serbia	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.2	**57**	87
Slovak Republic	0.1	0.5	0.0	0.0	-	-	0.0	0.1	**99**	118
Slovenia	0.1	0.3	0.0	-	-	-	-	-	**33**	33
Spain, Albacete	-	0.2	-	-	-	0.2	-	-	**1**	4
Spain, Asturias	0.2	0.2	0.0	-	-	-	-	0.0	**13**	15
Spain, Basque Country	0.1	0.2	0.0	-	-	0.1	-	0.0	**21**	25
Spain, Canary Islands	-	0.1	0.1	-	-	-	-	-	**7**	8
Spain, Cuenca	0.6	-	-	-	-	-	-	-	**1**	1
Spain, Girona	0.2	0.2	-	-	-	-	-	-	**4**	6
Spain, Granada	-	0.1	-	-	-	-	-	-	**2**	4
Spain, Murcia	0.1	0.1	-	-	-	-	-	0.1	**6**	12
Spain, Navarra	-	0.2	0.1	-	-	-	-	-	**7**	8
Spain, Tarragona	0.2	0.3	-	0.0	-	0.0	-	0.1	**8**	10
Spain, Zaragoza	0.1	0.2	0.0	-	-	-	-	-	**10**	10
Sweden	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.2	**165**	254
Switzerland, Geneva	-	0.2	-	-	-	-	-	0.1	**2**	5
Switzerland, Graubunden and Glarus	0.4	0.3	-	-	-	-	-	0.0	**4**	5
Switzerland, Neuchatel	0.5	0.4	0.2	0.2	-	-	-	-	**6**	6
Switzerland, St Gall-Appenzell	0.2	0.4	-	-	-	-	-	0.2	**8**	12
Switzerland, Ticino	-	0.1	-	-	-	-	-	-	**2**	2
Switzerland, Valais	-	0.1	-	-	-	-	-	-	**1**	1
Switzerland, Vaud	0.3	0.2	-	-	-	-	-	-	**8**	8
The Netherlands	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**259**	309
The Netherlands, Eindhoven	-	0.2	-	-	-	0.1	-	-	**7**	10
The Netherlands, Maastricht	0.1	0.3	-	-	-	0.2	-	-	**16**	17
UK, England, East of England Region	0.1	0.4	-	0.0	-	0.1	-	-	**41**	53
UK, England, Merseyside and Cheshire	0.1	0.3	-	0.0	-	-	-	-	**36**	40
UK, England, North Western	0.1	0.2	0.0	-	0.0	0.0	-	-	**41**	59
UK, England, Northern And Yorkshire	0.1	0.5	0.0	-	-	0.0	-	-	**100**	138
UK, England, Oxford Region	0.2	0.3	0.0	-	0.0	0.0	-	-	**26**	46
UK, England, South and Western Regions	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.3	**98**	198
UK, England, Thames	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**150**	276
UK, England, Trent	0.1	0.3	0.0	0.0	-	0.0	-	-	**62**	80
UK, England, West Midlands	0.1	0.2	0.0	0.0	-	-	-	0.0	**47**	59
UK, Northern Ireland	0.0	0.1	0.0	0.0	-	-	0.0	0.0	**14**	17
UK, Scotland	0.1	0.6	0.0	-	0.0	0.1	-	0.0	**130**	152
Oceania										
Australia, New South Wales	0.2	0.5	0.1	0.0	-	0.0	0.0	0.0	**124**	161
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-	-
Australia, Queensland	0.2	0.7	0.1	0.0	-	-	-	-	**63**	98
Australia, South	0.2	0.9	0.0	0.0	-	-	-	-	**37**	64
Australia, Tasmania	0.2	0.3	0.0	0.0	-	-	-	0.0	**7**	9
Australia, Victoria	0.0	0.4	0.0	0.0	-	0.0	-	0.0	**75**	86
Australia, Western	0.0	0.5	0.0	0.0	-	0.0	-	-	**29**	35
Australian Capital Territory	0.2	0.9	-	-	-	-	-	-	**9**	11
French Polynesia	-	-	0.3	-	-	-	-	-	**1**	1
New Zealand	0.2	0.7	0.1	0.0	0.0	-	0.0	0.1	**118**	124
USA, Hawaii	0.1	0.1	0.1	-	0.0	-	0.0	-	**10**	11
USA, Hawaii: Chinese	-	-	-	-	-	-	-	-	**0**	0
USA, Hawaii: Filipino	0.4	-	-	-	0.1	-	-	-	**2**	2
USA, Hawaii: Hawaiian	-	-	-	-	-	-	-	-	**0**	0
USA, Hawaii: Japanese	-	0.0	-	-	-	-	-	-	**1**	1
USA, Hawaii: White	0.3	0.2	0.3	-	-	-	0.0	-	**6**	7

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type

Brain and central nervous system (C71-72) - Male

	Gliomas				Embryonal		Other neuro	Other	Unspec.	Number of cases	
	Astro.	Oligo.	Epend.	Other	Medullobl.	Other				MV	Total
Africa											
Algeria, Setif	0.5	-	-	0.1	0.0	-	-	-	0.1	**22**	26 *
Egypt, Gharbiah	1.9	0.1	0.1	0.2	0.2	0.0	-	0.0	1.3	**149**	227
Tunisia, Centre, Sousse	2.3	0.1	0.1	-	0.3	0.3	-	-	0.4	**31**	35 *
Uganda, Kyadondo County	0.2	-	-	0.1	-	0.0	-	-	0.2	**4**	9 *
Zimbabwe, Harare: African	0.5	-	0.0	0.2	-	0.1	-	-	0.4	**21**	45 *
America, Central and South											
Argentina, Bahia Blanca	2.2	0.3	0.4	-	0.2	0.1	-	0.4	0.4	**22**	28
Brazil, Brasilia	2.7	0.1	0.1	0.0	0.4	0.1	0.0	0.7	3.7	**176**	220
Brazil, Cuiaba	1.8	0.1	0.1	0.1	0.1	0.2	-	0.8	3.3	**26**	49
Brazil, Goiania	2.9	0.5	0.2	0.1	0.1	-	-	0.0	1.4	**65**	92
Brazil, Sao Paulo	3.3	0.2	0.2	0.1	0.3	0.2	0.0	0.0	3.3	**1031**	1747
Chile, Valdivia	0.9	-	0.4	-	-	0.1	-	-	2.4	**15**	34
Colombia, Cali	3.0	0.3	0.2	0.4	0.2	0.0	-	0.1	1.3	**168**	213
Costa Rica	1.8	0.2	0.1	0.1	0.2	0.0	-	0.0	1.3	**207**	309
Ecuador, Quito	2.4	0.4	0.1	0.2	0.3	0.1	-	0.0	0.7	**103**	123
France, La Martinique	1.7	0.3	0.1	-	0.3	-	-	-	0.2	**24**	27
Peru, Trujillo	3.0	-	0.1	0.1	0.1	-	-	-	0.9	**35**	47 *
America, North											
Canada (excluding Quebec, Yukon and Nunavut)	3.8	0.8	0.2	0.4	0.2	0.2	0.0	0.2	0.6	**3574**	4488
Canada, Alberta	3.9	0.9	0.2	0.5	0.2	0.1	0.0	0.1	0.1	**427**	503
Canada, British Columbia	3.9	0.7	0.2	0.3	0.1	0.3	0.0	0.1	0.2	**670**	760
Canada, Manitoba	3.9	1.2	0.1	0.6	0.0	0.1	0.1	0.1	0.1	**171**	222
Canada, New Brunswick	4.7	0.7	0.2	0.7	0.1	0.7	-	0.1	0.3	**137**	168
Canada, Newfoundland and Labrador	5.1	0.5	0.1	0.4	0.2	-	-	0.1	0.2	**98**	110
Canada, Northwest Territories	2.6	-	-	-	-	-	-	-	-	**2**	2
Canada, Nova Scotia	5.2	0.7	0.1	0.3	0.3	0.1	-	0.0	0.3	**164**	200
Canada, Ontario	3.4	0.8	0.2	0.4	0.2	0.2	0.0	0.3	1.1	**1721**	2316
Canada, Prince Edward Island	3.1	0.5	1.0	0.1	0.3	-	-	-	0.2	**20**	21
Canada, Saskatchewan	3.8	0.8	-	0.3	0.2	0.1	-	0.1	0.2	**164**	186
USA, Alabama	4.0	0.3	0.2	0.5	0.2	0.2	0.0	0.1	0.3	**643**	758
USA, Alabama: Black	2.2	0.1	0.2	0.4	0.1	0.1	0.1	0.0	0.2	**79**	94
USA, Alabama: White	4.5	0.4	0.2	0.6	0.3	0.2	-	0.1	0.3	**556**	654
USA, Alaska	3.7	1.3	0.0	0.2	0.1	0.1	-	0.1	0.3	**86**	96
USA, Arizona	3.9	0.6	0.3	0.4	0.3	0.1	0.0	0.1	0.2	**760**	883
USA, California	4.0	0.6	0.2	0.3	0.2	0.2	0.0	0.1	0.2	**4802**	5396
USA, California, Greater San Francisco Bay Area	3.8	0.7	0.2	0.3	0.2	0.2	0.0	0.2	0.1	**956**	1058
USA, California, Greater San Francisco Bay Area: Black	2.6	0.4	0.1	0.4	0.1	0.2	-	0.2	0.2	**44**	52
USA, California, Greater San Francisco Bay Area: Chinese	1.7	0.6	0.1	-	0.1	0.3	0.1	0.3	-	**45**	48
USA, California, Greater San Francisco Bay Area: Filipino	1.5	0.3	-	0.2	-	-	-	-	0.1	**15**	18
USA, California, Greater San Francisco Bay Area: Hispanic White	3.0	0.4	0.2	0.1	0.2	0.2	-	0.2	0.2	**115**	122
USA, California, Greater San Francisco Bay Area: Japanese	2.5	0.6	-	-	-	0.8	-	-	-	**8**	8
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	4.8	0.9	0.3	0.4	0.3	0.2	-	0.1	0.1	**677**	753
USA, California, Los Angeles County	3.6	0.5	0.2	0.2	0.2	0.2	0.0	0.1	0.2	**1158**	1291
USA, California, Los Angeles County: Black	1.9	0.3	0.1	0.1	0.0	0.3	0.1	-	0.3	**64**	74
USA, California, Los Angeles County: Chinese	2.4	-	0.4	0.3	-	-	-	0.3	0.1	**27**	30
USA, California, Los Angeles County: Filipino	1.0	0.9	0.3	-	0.2	0.3	-	-	0.2	**16**	17
USA, California, Los Angeles County: Hispanic White	2.9	0.4	0.2	0.2	0.2	0.2	0.0	0.1	0.2	**338**	374
USA, California, Los Angeles County: Japanese	2.7	0.2	-	0.1	-	-	-	0.6	-	**11**	12
USA, California, Los Angeles County: Korean	0.6	0.9	0.2	-	-	-	-	0.2	-	**9**	9
USA, California, Los Angeles County: Non-Hispanic White	5.2	0.8	0.2	0.2	0.3	0.4	0.0	0.1	0.1	**667**	743
USA, California: Asian and Pacific Islander	1.8	0.4	0.1	0.2	0.1	0.1	0.0	0.2	0.1	**285**	326
USA, California: Black	2.2	0.3	0.2	0.2	0.1	0.2	0.0	0.1	0.2	**182**	210
USA, California: Hispanic White	3.1	0.4	0.2	0.3	0.2	0.2	0.0	0.1	0.2	**888**	985
USA, California: Non-hispanic White	5.1	0.8	0.3	0.4	0.3	0.2	0.0	0.1	0.2	**3404**	3824
USA, Colorado	4.1	0.8	0.3	0.3	0.3	0.1	0.0	0.2	0.4	**658**	768
USA, Connecticut	4.7	0.7	0.4	0.6	0.3	0.1	0.0	0.1	0.1	**633**	691
USA, Connecticut: Black	2.1	0.4	0.3	0.5	0.4	-	-	0.1	-	**26**	28
USA, Connecticut: White	4.9	0.7	0.4	0.6	0.3	0.1	0.0	0.1	0.1	**598**	653
USA, District of Columbia	4.0	0.4	0.1	0.3	0.1	0.5	-	0.1	0.2	**72**	87
USA, District of Columbia: Black	3.8	0.5	0.1	0.3	0.1	0.4	-	-	0.2	**39**	48
USA, District of Columbia: White	3.5	0.2	-	0.2	-	1.2	-	0.2	0.2	**26**	29
USA, Florida	4.1	0.6	0.2	0.4	0.3	0.1	0.0	0.1	0.5	**2726**	3275
USA, Florida: Black	2.7	0.2	0.1	0.4	0.2	0.1	-	0.1	0.4	**189**	235
USA, Florida: White	4.4	0.6	0.2	0.4	0.3	0.1	0.0	0.1	0.5	**2502**	2999
USA, Georgia	4.3	0.4	0.2	0.4	0.3	0.1	0.0	0.1	0.2	**1112**	1253
USA, Georgia, Atlanta	4.3	0.5	0.2	0.5	0.3	0.0	0.0	0.0	0.1	**377**	417
USA, Georgia, Atlanta: Black	2.4	0.4	0.2	0.5	0.2	0.1	-	-	0.1	**74**	88
USA, Georgia, Atlanta: White	5.2	0.5	0.2	0.6	0.5	-	0.0	0.1	0.1	**293**	316
USA, Georgia: Black	2.6	0.3	0.2	0.3	0.1	0.1	-	0.1	0.1	**166**	193
USA, Georgia: White	4.8	0.5	0.2	0.4	0.4	0.1	0.0	0.1	0.2	**928**	1037
USA, Idaho	5.7	0.9	0.4	0.4	0.5	0.2	-	0.1	0.2	**262**	300
USA, Illinois	3.9	0.6	0.2	0.3	0.2	0.1	0.0	0.1	0.2	**1754**	1997
USA, Illinois: Black	2.3	0.2	0.1	0.2	0.2	0.2	0.0	0.1	0.3	**133**	158
USA, Illinois: White	4.2	0.7	0.2	0.3	0.2	0.1	0.0	0.1	0.2	**1565**	1779
USA, Indiana	4.3	0.5	0.2	0.4	0.3	0.1	0.0	0.1	0.1	**917**	1039
USA, Iowa	4.5	0.7	0.2	0.4	0.3	0.2	-	0.1	0.2	**514**	582
USA, Kentucky	4.4	0.3	0.2	0.5	0.1	0.2	0.0	0.1	0.2	**599**	697
USA, Louisiana	3.7	0.5	0.2	0.5	0.2	0.1	-	0.1	0.3	**574**	684
USA, Louisiana, New Orleans: Black	2.3	0.5	0.3	0.4	0.1	0.1	-	0.1	0.1	**32**	39
USA, Louisiana, New Orleans: White	3.7	0.8	-	0.4	0.1	0.4	-	-	0.2	**81**	92
USA, Louisiana: Black	2.4	0.2	0.2	0.4	0.1	0.1	-	0.0	0.2	**98**	121
USA, Louisiana: White	4.1	0.6	0.2	0.6	0.3	0.2	-	0.1	0.3	**470**	555
USA, Maine	5.4	0.5	0.4	0.4	0.1	0.1	0.1	0.3	0.2	**261**	298
USA, Massachusetts	4.7	0.8	0.3	0.4	0.3	0.1	0.0	0.1	0.2	**1129**	1248

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Brain and central nervous system (C71-72) - Male (Contd)

	Gliomas				Embryonal		Other neuro	Other	Unspec.	Number of cases	
	Astro.	Oligo.	Epend.	Other	Medullobl.	Other				MV	Total
America, North (Contd)											
USA, Michigan	4.2	0.9	0.3	0.4	0.2	0.1	0.0	0.1	0.4	**1666**	1875
USA, Michigan, Detroit	4.1	1.0	0.2	0.4	0.3	0.1	0.0	0.1	0.2	**668**	727
USA, Michigan, Detroit: Black	2.1	0.6	0.1	0.4	0.2	0.1	0.0	0.2	0.3	**88**	101
USA, Michigan, Detroit: White	4.7	1.1	0.3	0.4	0.3	0.1	0.0	0.1	0.2	**563**	609
USA, Michigan: Black	2.2	0.5	0.1	0.3	0.3	0.1	0.0	0.1	0.3	**118**	136
USA, Michigan: White	4.5	1.0	0.3	0.5	0.3	0.1	0.0	0.1	0.4	**1520**	1709
USA, Missouri	4.3	0.7	0.2	0.3	0.4	0.2	0.0	0.1	0.5	**911**	1059
USA, Missouri: Black	2.5	0.6	0.1	0.1	0.2	0.2	-	-	0.5	**51**	60
USA, Missouri: White	4.5	0.7	0.2	0.3	0.4	0.2	0.0	0.1	0.5	**856**	995
USA, Montana	4.3	0.9	0.3	0.5	0.5	0.1	-	0.1	0.1	**156**	178
USA, New Jersey	4.3	0.6	0.3	0.4	0.2	0.2	0.0	0.2	0.3	**1378**	1580
USA, New Jersey: Black	2.6	0.1	0.3	0.3	0.1	0.2	-	0.1	0.4	**96**	116
USA, New Jersey: White	4.5	0.6	0.3	0.5	0.2	0.2	0.0	0.1	0.3	**1209**	1383
USA, New Mexico	3.5	0.7	0.3	0.2	0.2	0.1	0.0	0.1	0.2	**233**	274
USA, New Mexico: American Indian	0.6	0.9	0.2	-	-	-	-	-	0.2	**7**	8
USA, New Mexico: Hispanic White	3.5	0.4	0.1	0.2	0.2	0.1	0.1	0.1	0.2	**73**	89
USA, New Mexico: Non-Hispanic White	4.1	0.9	0.3	0.3	0.4	0.1	-	0.1	0.2	**148**	172
USA, New York state	4.2	0.7	0.3	0.5	0.3	0.2	0.0	0.2	0.3	**3066**	3499
USA, New York state: Black	2.5	0.3	0.2	0.4	0.2	0.1	0.1	0.1	0.2	**222**	260
USA, New York state: White	4.6	0.8	0.3	0.5	0.3	0.2	0.0	0.2	0.3	**2727**	3105
USA, NPCR	4.2	0.6	0.2	0.4	0.3	0.1	0.0	0.1	0.3	**34783**	39855
USA, NPCR: Black	2.4	0.3	0.1	0.3	0.2	0.1	0.0	0.1	0.3	**2019**	2396
USA, NPCR: White	4.5	0.7	0.3	0.4	0.3	0.2	0.0	0.1	0.3	**31584**	36100
USA, Ohio	4.4	0.6	0.3	0.4	0.3	0.1	-	0.1	0.2	**1820**	2072
USA, Ohio: Black	2.8	0.1	0.2	0.4	0.2	0.1	-	0.0	0.5	**100**	129
USA, Ohio: White	4.5	0.6	0.3	0.4	0.3	0.1	-	0.1	0.2	**1661**	1882
USA, Oklahoma	4.1	0.5	0.2	0.3	0.3	0.1	0.0	0.1	0.8	**545**	651
USA, Oregon	4.4	1.1	0.3	0.5	0.2	0.3	0.0	0.2	0.2	**617**	715
USA, Pennsylvania	4.6	0.5	0.2	0.4	0.2	0.2	0.0	0.1	0.1	**2115**	2347
USA, Pennsylvania: Black	2.3	0.2	0.2	0.1	0.1	0.2	0.0	-	0.1	**90**	97
USA, Pennsylvania: White	4.7	0.5	0.2	0.4	0.2	0.2	0.0	0.1	0.1	**1956**	2177
USA, Rhode Island	4.7	0.8	0.3	0.1	0.2	0.1	0.1	0.1	0.1	**192**	208
USA, SEER (9 registries)	4.2	0.8	0.2	0.5	0.3	0.1	0.0	0.1	0.1	**4204**	4714
USA, SEER (9 registries): Black	2.4	0.4	0.2	0.4	0.2	0.1	0.0	0.1	0.2	**251**	290
USA, SEER (9 registries): White	4.7	0.8	0.3	0.5	0.3	0.1	0.0	0.1	0.1	**3719**	4161
USA, SEER (14 registries)	4.1	0.6	0.2	0.4	0.2	0.2	0.0	0.1	0.2	**10961**	12403
USA, SEER (14 registries): Asian and Pacific Islander	2.0	0.4	0.1	0.2	0.2	0.1	0.0	0.1	0.1	**470**	535
USA, SEER (14 registries): Black	2.3	0.3	0.2	0.3	0.1	0.1	0.0	0.1	0.2	**608**	715
USA, SEER (14 registries): Hispanic White	3.2	0.4	0.2	0.3	0.2	0.2	0.0	0.1	0.2	**1187**	1330
USA, SEER (14 registries): Non-hispanic White	4.8	0.8	0.3	0.5	0.3	0.2	0.0	0.1	0.2	**8589**	9696
USA, South Carolina	4.2	0.5	0.2	0.3	0.3	0.1	0.0	0.1	0.3	**571**	658
USA, South Carolina: Black	2.4	0.2	0.1	0.4	0.1	0.0	0.0	0.1	0.2	**81**	101
USA, South Carolina: White	4.8	0.5	0.2	0.3	0.3	0.1	0.0	0.0	0.2	**484**	550
USA, Texas	3.9	0.6	0.3	0.4	0.3	0.1	0.0	0.2	0.5	**2882**	3426
USA, Texas: Black	2.6	0.3	0.1	0.4	0.2	0.1	0.0	0.2	0.3	**191**	236
USA, Texas: White	4.0	0.6	0.3	0.4	0.3	0.1	0.0	0.2	0.5	**2625**	3101
USA, Utah	4.6	0.9	0.2	0.4	0.3	0.1	0.0	0.1	0.1	**337**	369
USA, Vermont	4.6	0.9	0.2	0.5	0.3	0.1	0.1	0.1	0.2	**112**	124
USA, Washington State	4.7	0.9	0.2	0.6	0.3	0.1	0.1	0.1	0.2	**1048**	1222
USA, Washington, Seattle	4.5	0.9	0.2	0.8	0.4	0.2	0.1	0.1	0.1	**692**	813
USA, West Virginia	4.4	0.8	0.2	0.5	0.2	0.1	-	0.1	0.1	**303**	352
USA, Wisconsin	4.3	0.8	0.3	0.2	0.2	0.1	-	0.1	0.6	**937**	1066
Asia											
Bahrain: Bahraini	1.4	-	0.1	0.7	0.2	0.1	-	0.2	0.2	**18**	23
China, Guangzhou City	1.1	0.0	0.0	0.6	0.1	0.1	0.0	0.0	1.3	**126**	168 *
China, Hong Kong	1.7	0.3	0.2	0.3	0.3	0.1	0.0	0.2	0.4	**534**	613
China, Jiashan	0.2	0.1	0.1	1.2	-	-	-	2.3	-	**23**	44 *
China, Nangang District, Harbin City	-	-	-	-	-	-	-	-	5.6	**102**	130
China, Shanghai	0.2	0.0	0.0	0.3	0.0	-	0.0	0.1	4.2	**530**	1011 *
China, Zhongshan	0.6	-	0.1	0.5	0.1	-	-	0.0	0.5	**47**	59 *
Cyprus	3.7	0.1	0.1	0.1	0.2	0.2	-	0.2	0.3	**71**	93 *
India, Chennai (Madras)	1.9	0.1	0.0	0.2	0.1	0.0	0.0	0.0	0.5	**262**	309
India, Karunagappally	1.4	0.1	0.1	-	0.2	0.2	-	0.3	1.3	**23**	34
India, Mumbai (Bombay)	2.4	0.1	0.1	0.4	0.2	0.0	0.0	0.1	0.4	**917**	998
India, Nagpur	2.0	0.0	0.0	0.5	0.1	0.0	-	-	0.2	**128**	140 *
India, New Delhi	2.1	0.2	0.1	0.8	0.2	-	-	0.0	0.6	**929**	1069 *
India, Poona	-	-	-	-	-	-	-	-	3.5	**246**	271 *
India, Trivandrum	1.3	0.1	-	0.4	0.1	-	-	0.0	1.0	**56**	85 *
Israel	4.1	0.6	0.2	0.3	0.3	0.1	0.0	0.1	0.3	**777**	927
Israel: Jews	4.0	0.7	0.2	0.3	0.3	0.1	0.0	0.1	0.2	**672**	786
Israel: Non-Jews	3.5	0.5	0.2	0.0	0.3	0.1	0.1	0.0	0.1	**97**	107
Japan, Aichi Prefecture	1.2	0.2	-	0.0	0.1	-	-	0.1	1.0	**59**	88
Japan, Fukui Prefecture	0.7	-	-	0.3	0.1	0.0	-	0.1	1.3	**48**	80
Japan, Hiroshima	1.5	0.1	0.1	0.4	0.1	-	-	0.1	-	**57**	69
Japan, Miyagi Prefecture	1.4	0.2	0.3	0.1	0.2	0.0	-	0.3	0.2	**146**	184
Japan, Nagasaki Prefecture	1.4	0.2	0.2	0.2	-	0.1	-	0.0	0.0	**96**	104
Japan, Osaka Prefecture	0.9	0.0	0.1	0.2	0.2	0.0	-	0.1	0.8	**415**	649
Japan, Yamagata Prefecture	0.9	-	0.2	0.2	0.2	-	0.1	0.1	0.5	**65**	95
Korea	1.0	0.2	0.1	0.1	0.2	0.1	0.0	0.1	1.1	**1787**	2698
Korea, Busan	0.8	0.1	0.1	0.2	0.1	0.0	0.0	0.2	1.3	**143**	248
Korea, Daegu	1.0	0.2	0.2	0.1	0.1	0.1	-	0.1	0.6	**113**	144
Korea, Daejeon	1.1	0.3	0.2	0.1	0.1	0.1	0.0	0.1	1.2	**73**	105
Korea, Gwangju	1.3	0.5	0.1	0.0	0.2	0.1	0.0	0.1	0.7	**78**	98
Korea, Incheon	0.8	0.2	0.1	0.1	0.3	0.1	0.0	0.1	1.2	**106**	168

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type

Brain and central nervous system (C71-72) - Male (Contd)

	Gliomas				Embryonal		Other neuro	Other	Unspec.	Number of cases		
	Astro.	Oligo.	Epend.	Other	Medullobl.	Other				MV	Total	
Asia (Contd)												
Korea, Jejudo	1.6	0.4	-	0.1	-	-	-	0.1	0.3	**20**	22	
Korea, Seoul	1.1	0.3	0.1	0.1	0.2	0.1	0.0	0.2	1.4	**491**	759	
Korea, Ulsan	0.9	0.3	0.1	-	0.3	0.1	-	0.1	0.8	**37**	48	
Kuwait: Kuwaitis	2.4	0.1	0.2	0.3	0.3	0.1	0.0	-	1.7	**41**	66	
Kuwait: Non-Kuwaitis	1.6	-	0.1	0.1	0.1	0.0	-	0.4	0.8	**47**	58	
Malaysia, Penang	1.2	0.1	0.0	0.4	0.1	-	0.0	0.0	1.3	**45**	74	
Malaysia, Sarawak	0.7	-	0.0	0.0	0.1	0.0	0.0	0.1	0.4	**48**	67	
Oman: Omani	1.5	0.1	0.4	0.3	0.2	0.1	0.1	-	0.5	**72**	82	*
Pakistan, South Karachi	1.7	0.3	0.2	0.3	0.2	0.1	-	-	0.1	**109**	114	*
Philippines, Manila	1.0	0.1	0.0	0.5	0.1	0.0	0.0	0.1	0.8	**139**	280	*
Singapore	0.9	0.2	0.2	0.0	0.2	0.2	0.0	0.0	0.3	**145**	164	
Singapore: Chinese	0.9	0.3	0.3	0.0	0.2	0.1	0.0	0.0	0.3	**114**	131	
Singapore: Indian	1.5	0.1	0.1	-	0.2	0.5	-	-	0.1	**16**	17	
Singapore: Malay	0.8	0.2	0.1	-	0.1	0.1	-	-	0.1	**15**	16	
Thailand, Chiang Mai	0.6	-	0.1	0.0	0.1	0.1	-	0.0	0.6	**35**	56	*
Thailand, Lampang	0.4	-	0.0	-	-	-	-	-	0.5	**10**	21	*
Thailand, Songkhla	0.6	0.1	-	-	0.1	0.1	-	-	0.6	**25**	43	
Turkey, Antalya	3.1	0.3	0.2	0.5	0.4	0.3	0.1	0.1	0.9	**160**	191	*
Turkey, Izmir	2.8	0.6	0.4	0.4	0.3	0.2	0.0	0.1	0.3	**365**	415	*
Europe												
Austria	3.7	0.2	0.3	0.3	0.3	0.2	0.0	0.2	1.0	**1270**	1524	
Austria, Tyrol	3.4	0.1	0.1	0.2	0.2	0.0	-	-	0.4	**86**	100	
Austria, Vorarlberg	3.9	0.7	0.2	0.3	0.2	-	-	-	1.2	**51**	62	
Belarus	2.2	0.3	0.1	0.1	0.3	0.0	0.0	0.1	1.0	**856**	1103	*
Belgium, Antwerp	3.4	0.4	0.2	0.1	0.2	-	-	0.2	0.1	**254**	265	*
Belgium, Flanders	3.9	0.6	0.3	0.3	0.3	0.1	0.0	0.1	0.2	**832**	898	
Bulgaria	2.3	0.2	0.1	0.1	0.2	0.0	0.0	0.1	2.8	**731**	1529	*
Croatia	2.7	0.3	0.1	0.5	0.2	0.2	0.1	0.0	5.6	**607**	1303	
Czech Republic	3.3	0.4	0.2	0.2	0.2	0.1	0.0	0.1	1.5	**1404**	1853	
Denmark	3.8	0.5	0.3	0.2	0.3	0.2	0.0	0.1	0.9	**876**	1120	
Estonia	3.9	0.3	0.3	0.0	0.3	0.1	0.1	-	0.8	**188**	221	
Finland *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-	
France, Bas-Rhin	2.1	1.4	0.0	0.5	0.4	0.1	-	0.1	0.9	**124**	172	
France, Calvados	2.6	1.5	0.2	0.5	0.3	-	0.1	-	0.3	**84**	94	
France, Doubs	2.1	2.2	0.1	0.2	0.3	-	-	0.1	0.2	**80**	86	
France, Haut-Rhin	2.5	1.0	0.4	1.3	0.2	-	-	0.2	0.1	**120**	127	
France, Herault	2.3	1.5	0.3	0.5	0.6	-	-	-	0.4	**141**	160	
France, Isere	3.4	1.4	0.3	0.6	0.1	0.0	-	0.1	0.4	**184**	224	
France, Loire-Atlantique	3.0	1.1	0.3	0.7	0.3	-	0.1	0.1	0.2	**176**	187	
France, Manche	1.6	1.2	0.1	0.6	-	-	-	0.1	0.4	**58**	67	
France, Somme	3.1	0.8	-	0.6	0.3	0.3	-	-	0.4	**58**	89	
France, Tarn	2.5	1.0	0.0	0.3	0.2	0.1	-	-	1.1	**52**	72	
France, Vendee	2.5	0.4	-	0.2	0.8	-	-	-	0.2	**69**	76	
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-	
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-	
Germany, Hamburg	3.9	0.5	0.2	0.2	0.4	0.2	0.1	0.1	0.4	**238**	330	
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-	
Germany, Munich	3.5	0.3	0.3	0.1	0.2	0.0	0.0	0.1	1.3	**362**	481	
Germany, Northrhine-Westphalia: Munster	4.2	0.2	0.2	0.1	0.3	0.2	0.0	0.1	0.2	**396**	472	
Germany, Saarland	3.8	0.5	0.1	0.7	0.5	0.0	0.0	0.2	0.4	**202**	221	
Iceland	4.3	0.3	-	-	-	0.2	-	-	0.7	**40**	48	
Ireland	4.6	0.4	0.3	0.4	0.1	0.2	-	0.1	1.3	**583**	798	
Italy, Biella Province	1.3	0.1	0.8	0.4	-	-	-	-	1.2	**12**	28	
Italy, Brescia Province	3.1	0.4	0.1	0.4	0.3	-	-	0.2	2.9	**84**	137	
Italy, Ferrara Province	3.5	0.7	0.2	0.2	0.1	0.4	-	-	2.3	**70**	104	
Italy, Florence and Prato	3.0	0.1	0.1	0.4	0.1	0.0	-	0.0	2.6	**157**	297	
Italy, Genoa Province	3.1	0.3	0.6	1.1	0.8	-	-	0.3	1.0	**86**	141	
Italy, Macerata Province	2.8	0.4	0.5	0.3	0.2	-	-	-	3.1	**24**	44	
Italy, Milan	2.6	0.3	0.4	1.1	0.4	0.0	0.1	0.1	1.5	**149**	257	
Italy, Modena Province	2.1	0.3	0.1	0.3	0.2	0.3	-	-	2.8	**71**	152	
Italy, Naples	2.9	0.3	0.2	0.5	0.2	0.2	-	0.2	3.1	**61**	111	
Italy, North East Cancer Surveillance Network	2.6	0.4	0.3	0.3	0.4	0.1	-	0.1	2.6	**251**	465	
Italy, Parma Province	4.1	0.5	0.7	1.1	0.4	0.0	-	0.1	2.4	**94**	146	
Italy, Ragusa Province	2.7	0.4	-	0.3	0.8	-	-	0.2	2.7	**38**	67	
Italy, Reggio Emilia Province	2.1	0.2	0.1	0.7	0.3	0.1	-	0.1	3.5	**55**	112	
Italy, Romagna Region	3.4	0.5	0.1	0.8	0.3	0.1	-	-	1.9	**170**	272	
Italy, Salerno Province	2.5	0.1	0.0	0.4	0.1	-	0.0	0.0	3.2	**95**	183	
Italy, Sassari Province	2.4	0.1	0.1	0.1	0.4	-	-	-	3.4	**44**	104	
Italy, Sondrio	2.0	0.3	-	-	-	0.2	-	-	2.1	**18**	29	
Italy, Syracuse Province	2.9	0.6	0.2	0.7	0.2	-	-	0.1	2.7	**41**	78	
Italy, Torino	2.5	0.2	0.1	0.5	0.4	-	-	0.2	2.9	**118**	228	
Italy, Umbria Region	3.3	0.2	0.6	0.3	0.2	0.2	-	-	2.0	**123**	218	
Italy, Varese Province	3.5	0.3	0.3	0.4	1.0	-	-	0.1	2.4	**84**	130	
Italy, Veneto Region	3.5	0.6	0.3	0.4	0.5	0.0	-	0.1	1.3	**271**	378	
Latvia	2.7	0.2	0.1	0.5	0.0	0.2	0.1	0.0	2.9	**229**	415	
Lithuania	3.9	0.3	0.2	0.2	0.3	0.0	-	0.0	1.4	**517**	610	
Malta	3.5	0.1	0.1	0.6	0.1	-	-	0.1	0.9	**43**	61	
Norway	4.2	0.9	0.2	0.4	0.3	0.1	0.0	0.1	0.4	**799**	938	
Poland, Cracow	3.1	0.4	-	0.2	0.2	0.6	-	-	2.4	**89**	142	*
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-	
Poland, Warsaw City	2.4	0.4	0.1	0.7	0.2	0.0	0.0	0.1	2.4	**198**	330	
Portugal, Porto	3.1	0.6	0.2	0.3	0.3	0.2	0.0	0.1	0.3	**408**	437	*
Portugal, South Regional	2.8	1.1	0.4	0.2	0.2	0.1	0.1	0.1	2.6	**436**	718	
Russia, St Petersburg	2.0	0.1	0.1	0.1	0.2	0.0	0.0	0.1	2.0	**372**	562	

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Brain and central nervous system (C71-72) - Male (Contd)

	Gliomas				Embryonal		Other neuro	Other	Unspec.	Number of cases	
	Astro.	Oligo.	Ependy.	Other	Medullobl.	Other				MV	Total
Europe (Contd)											
Serbia	5.0	0.2	0.1	0.6	0.3	0.3	0.0	0.2	2.2	**976**	1279
Slovak Republic	2.9	0.3	0.3	0.1	0.3	0.1	0.0	0.4	1.6	**593**	856
Slovenia	3.3	0.4	0.2	0.2	0.5	0.1	0.1	0.1	0.6	**319**	326
Spain, Albacete	3.6	0.1	-	1.7	-	-	-	-	0.5	**24**	62
Spain, Asturias	3.7	0.2	0.1	0.6	0.2	0.1	-	0.1	0.4	**151**	218
Spain, Basque Country	3.8	0.4	0.3	0.3	0.2	0.0	0.0	0.0	1.3	**281**	392
Spain, Canary Islands	3.8	0.6	0.1	0.5	0.1	-	-	0.0	0.4	**192**	237
Spain, Cuenca	4.0	0.4	0.0	0.6	-	-	-	-	0.8	**18**	50
Spain, Girona	3.2	0.1	0.2	0.5	0.4	0.5	0.2	0.1	1.7	**79**	127
Spain, Granada	3.1	0.3	0.2	0.3	0.1	0.2	-	-	0.6	**99**	121
Spain, Murcia	2.6	0.2	0.2	0.9	0.5	0.1	-	0.0	1.2	**116**	186
Spain, Navarra	3.5	0.3	0.6	1.0	0.6	0.4	-	0.3	0.8	**74**	139
Spain, Tarragona	2.6	0.3	-	1.1	0.1	-	-	0.2	1.7	**65**	106
Spain, Zaragoza	3.1	0.3	0.1	0.4	0.3	-	-	-	0.7	**118**	144
Sweden	3.5	0.5	0.4	0.3	0.3	0.2	0.0	0.1	0.2	**1477**	1558
Switzerland, Geneva	4.7	0.9	-	0.1	0.3	-	-	0.2	0.9	**83**	93
Switzerland, Graubunden and Glarus	5.7	0.3	0.5	-	0.4	-	-	-	1.2	**42**	56
Switzerland, Neuchatel	3.1	0.3	0.5	-	0.6	0.9	-	-	1.2	**25**	33
Switzerland, St Gall-Appenzell	3.6	0.6	0.1	0.3	0.5	0.1	-	0.1	0.7	**82**	95
Switzerland, Ticino	4.9	0.2	-	0.3	0.5	0.5	-	0.3	0.5	**60**	69
Switzerland, Valais	3.5	0.4	0.2	0.1	-	0.2	-	-	0.7	**37**	44
Switzerland, Vaud	4.0	0.6	0.2	0.3	0.2	-	-	-	0.4	**106**	116
The Netherlands	3.5	0.6	0.3	0.2	0.2	0.1	0.0	0.1	0.7	**2394**	2836
The Netherlands, Eindhoven	3.2	0.7	0.4	0.2	0.2	0.2	-	0.1	0.5	**148**	171
The Netherlands, Maastricht	4.1	0.4	0.6	0.4	0.1	0.1	-	0.0	0.5	**160**	182
UK, England, East of England Region	3.6	0.5	0.3	0.7	0.3	0.1	-	0.0	0.4	**425**	564
UK, England, Merseyside and Cheshire	3.9	0.6	0.2	0.9	0.4	0.1	-	1.1	0.2	**370**	585
UK, England, North Western	3.8	0.3	0.2	0.6	0.1	0.1	0.1	0.0	0.2	**521**	723
UK, England, Northern And Yorkshire	4.3	0.4	0.3	0.9	0.3	0.1	0.0	0.0	0.3	**1082**	1453
UK, England, Oxford Region	4.1	0.3	0.1	1.1	0.2	0.1	0.0	0.0	0.4	**425**	555
UK, England, South and Western Regions	3.4	0.5	0.2	0.9	0.2	0.2	0.0	0.1	1.8	**1041**	1648
UK, England, Thames	3.9	0.4	0.3	1.1	0.2	0.1	0.0	0.1	0.4	**1950**	2775
UK, England, Trent	3.9	0.3	0.2	1.0	0.3	0.2	-	0.1	0.4	**672**	1050
UK, England, West Midlands	4.1	0.4	0.2	0.6	0.2	0.1	0.0	0.1	0.2	**794**	1012
UK, Northern Ireland	3.4	0.4	0.4	0.3	0.2	0.0	0.0	0.0	2.0	**207**	334
UK, Scotland	4.1	0.6	0.1	0.6	0.3	0.1	0.0	0.1	0.6	**766**	1063
Oceania											
Australia, New South Wales	4.5	0.5	0.2	0.6	0.3	0.0	0.0	0.1	0.1	**1132**	1299
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-	-	-
Australia, Queensland	4.4	0.5	0.3	0.5	0.2	0.1	0.0	0.1	0.1	**565**	673
Australia, South	5.1	0.2	0.2	0.6	0.4	0.1	-	0.1	0.1	**256**	329
Australia, Tasmania	4.9	0.5	0.5	0.2	0.1	0.1	-	-	0.7	**88**	105
Australia, Victoria	4.8	0.5	0.4	0.2	0.2	0.1	0.0	0.1	0.9	**903**	1061
Australia, Western	4.4	0.5	0.2	0.3	0.2	0.3	-	0.1	0.2	**302**	344
Australian Capital Territory	4.4	0.1	0.6	0.7	0.6	-	-	-	-	**42**	54
French Polynesia	1.2	0.2	0.2	0.5	0.8	-	-	0.9	1.1	**13**	25
New Zealand	4.4	0.7	0.2	0.4	0.4	0.1	0.0	0.1	0.6	**631**	775
USA, Hawaii	2.7	0.3	0.1	0.3	0.5	0.1	0.1	0.1	0.1	**137**	153
USA, Hawaii: Chinese	0.6	-	-	0.4	-	-	-	0.6	-	**4**	5
USA, Hawaii: Filipino	1.3	0.5	0.2	0.1	-	-	-	0.5	0.1	**14**	18
USA, Hawaii: Hawaiian	3.5	0.3	-	0.3	0.6	0.3	-	-	-	**27**	29
USA, Hawaii: Japanese	2.1	0.3	0.1	0.1	0.4	-	-	-	0.0	**24**	25
USA, Hawaii: White	4.7	0.4	0.5	0.4	1.6	-	0.3	0.1	0.1	**61**	67

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type

Brain and central nervous system (C71-72) - Female

	Gliomas				Embryonal		Other neuro	Other	Unspec.	Number of cases	
	Astro.	Oligo.	Epend.	Other	Medullobl.	Other				MV	Total
Africa											
Algeria, Setif	0.5	0.0	-	0.0	0.0	0.0	-	0.2	0.6	**22**	31 *
Egypt, Gharbiah	1.3	0.1	0.2	0.2	0.2	0.1	-	0.0	1.0	**121**	195
Tunisia, Centre, Sousse	0.5	0.1	0.2	-	0.3	0.1	-	-	0.6	**14**	20 *
Uganda, Kyadondo County	0.3	0.1	-	-	-	-	-	0.0	0.3	**5**	14 *
Zimbabwe, Harare: African	0.3	-	0.0	0.0	0.0	-	-	0.0	1.0	**13**	38 *
America, Central and South											
Argentina, Bahia Blanca	1.6	-	0.2	-	0.6	0.3	-	0.1	0.9	**26**	31
Brazil, Brasilia	2.1	-	0.1	0.0	0.1	0.0	-	0.2	3.3	**136**	186
Brazil, Cuiaba	1.9	0.2	-	-	0.3	-	-	0.4	2.7	**22**	43
Brazil, Goiania	2.5	0.2	0.1	0.2	0.2	-	0.1	-	1.6	**62**	94
Brazil, Sao Paulo	2.4	0.2	0.2	0.1	0.2	0.1	0.0	0.0	2.7	**866**	1617
Chile, Valdivia	0.9	0.3	0.1	-	0.3	-	-	0.1	0.8	**17**	23
Colombia, Cali	2.3	0.3	0.1	0.2	0.1	0.1	-	0.1	0.9	**140**	183
Costa Rica	1.2	0.3	0.1	0.1	0.1	0.1	-	0.0	1.4	**180**	289
Ecuador, Quito	2.0	0.2	0.1	0.1	0.3	-	-	-	0.2	**93**	104
France, La Martinique	1.3	0.1	-	0.1	-	-	-	-	0.2	**18**	21
Peru, Trujillo	1.2	0.1	-	-	0.4	0.1	-	0.1	0.7	**27**	37 *
America, North											
Canada (excluding Quebec, Yukon and Nunavut)	2.5	0.6	0.2	0.3	0.1	0.1	0.0	0.1	0.6	**2541**	3511
Canada, Alberta	2.5	0.5	0.2	0.4	0.3	0.1	-	0.0	0.1	**286**	357
Canada, British Columbia	2.6	0.6	0.2	0.3	0.1	0.2	-	0.1	0.1	**456**	569
Canada, Manitoba	2.2	0.5	0.2	0.6	0.1	0.1	0.0	0.1	0.2	**107**	159
Canada, New Brunswick	3.0	0.5	0.3	0.2	0.1	0.6	-	0.0	0.1	**90**	111
Canada, Newfoundland and Labrador	2.8	0.2	0.1	0.3	0.3	0.1	0.1	-	0.0	**54**	62
Canada, Northwest Territories	1.8	-	-	-	-	-	-	-	-	**1**	1
Canada, Nova Scotia	3.1	0.7	0.2	0.4	0.3	0.3	-	0.0	0.2	**111**	161
Canada, Ontario	2.3	0.6	0.1	0.3	0.1	0.1	0.0	0.2	1.0	**1286**	1924
Canada, Prince Edward Island	3.1	1.2	-	0.4	-	-	-	-	0.4	**20**	22
Canada, Saskatchewan	2.8	0.5	0.1	0.3	0.4	0.1	-	0.1	0.1	**130**	145
USA, Alabama	2.9	0.4	0.1	0.3	0.1	0.0	0.0	0.1	0.2	**538**	653
USA, Alabama: Black	1.4	0.1	0.1	0.2	0.1	0.1	-	0.1	0.2	**64**	80
USA, Alabama: White	3.4	0.5	0.1	0.4	0.1	0.0	0.0	0.1	0.2	**471**	566
USA, Alaska	2.7	0.8	0.3	0.5	0.2	0.2	-	-	0.2	**62**	70
USA, Arizona	2.7	0.6	0.3	0.2	0.1	0.1	0.0	0.1	0.1	**591**	704
USA, California	2.7	0.4	0.2	0.3	0.2	0.1	0.0	0.1	0.1	**3592**	4284
USA, California, Greater San Francisco Bay Area	2.7	0.5	0.2	0.3	0.1	0.1	0.0	0.0	0.1	**695**	808
USA, California, Greater San Francisco Bay Area: Black	1.1	0.1	0.3	0.3	0.1	0.2	0.1	-	0.2	**24**	32
USA, California, Greater San Francisco Bay Area: Chinese	1.3	0.5	0.1	0.3	-	-	-	-	0.1	**29**	36
USA, California, Greater San Francisco Bay Area: Filipino	1.4	0.2	0.1	0.4	0.2	-	-	-	-	**16**	21
USA, California, Greater San Francisco Bay Area: Hispanic White	2.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.2	**110**	126
USA, California, Greater San Francisco Bay Area: Japanese	1.0	-	-	-	-	-	-	-	-	**4**	4
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	3.4	0.6	0.2	0.3	0.2	0.1	-	0.1	0.1	**472**	540
USA, California, Los Angeles County	2.4	0.3	0.2	0.3	0.1	0.2	0.0	0.1	0.2	**898**	1086
USA, California, Los Angeles County: Black	2.0	0.3	0.1	0.3	0.1	0.1	-	-	0.1	**74**	93
USA, California, Los Angeles County: Chinese	1.5	0.4	0.1	0.1	-	0.2	-	-	0.2	**20**	24
USA, California, Los Angeles County: Filipino	1.0	-	-	0.2	-	-	-	-	0.2	**6**	12
USA, California, Los Angeles County: Hispanic White	2.3	0.3	0.2	0.3	0.2	0.2	0.0	0.1	0.2	**294**	348
USA, California, Los Angeles County: Japanese	0.5	0.4	-	-	-	-	-	-	-	**4**	5
USA, California, Los Angeles County: Korean	0.8	0.4	0.3	-	0.5	0.3	-	-	0.1	**10**	12
USA, California, Los Angeles County: Non-Hispanic White	3.3	0.5	0.3	0.2	0.1	0.2	-	0.1	0.2	**474**	575
USA, California: Asian and Pacific Islander	1.2	0.3	0.1	0.3	0.1	0.1	-	0.0	0.1	**209**	259
USA, California: Black	1.6	0.2	0.2	0.3	0.1	0.1	0.0	0.0	0.1	**149**	188
USA, California: Hispanic White	2.4	0.3	0.2	0.3	0.2	0.2	0.0	0.1	0.2	**776**	908
USA, California: Non-hispanic White	3.4	0.5	0.2	0.4	0.2	0.1	0.0	0.1	0.1	**2427**	2894
USA, Colorado	2.9	0.6	0.2	0.3	0.1	0.1	0.0	0.1	0.3	**459**	578
USA, Connecticut	3.1	0.7	0.2	0.3	0.2	0.1	-	0.1	0.1	**475**	543
USA, Connecticut: Black	1.8	0.1	0.2	0.5	0.4	0.1	-	-	-	**22**	28
USA, Connecticut: White	3.3	0.7	0.2	0.3	0.1	0.1	-	0.1	0.1	**445**	507
USA, District of Columbia	2.4	0.4	0.1	0.5	0.6	0.3	-	0.0	0.1	**56**	67
USA, District of Columbia: Black	2.0	0.1	-	0.4	0.5	0.4	-	0.0	0.2	**33**	38
USA, District of Columbia: White	2.5	0.5	0.1	0.4	1.3	-	-	-	-	**20**	24
USA, Florida	2.9	0.4	0.2	0.4	0.2	0.1	0.0	0.1	0.3	**2174**	2692
USA, Florida: Black	1.6	0.1	0.2	0.3	0.1	0.1	-	0.1	0.4	**150**	194
USA, Florida: White	3.1	0.5	0.2	0.4	0.2	0.1	0.0	0.1	0.3	**1982**	2449
USA, Georgia	2.8	0.3	0.2	0.2	0.1	0.1	0.0	0.1	0.1	**858**	998
USA, Georgia, Atlanta	2.6	0.4	0.3	0.3	0.1	0.1	0.0	0.1	0.1	**274**	314
USA, Georgia, Atlanta: Black	1.5	0.1	0.2	0.2	0.1	0.0	0.1	0.2	0.1	**52**	64
USA, Georgia, Atlanta: White	3.3	0.5	0.4	0.4	0.1	0.2	0.0	0.0	0.1	**220**	248
USA, Georgia: Black	1.6	0.1	0.1	0.2	0.2	0.1	0.0	0.1	0.1	**124**	154
USA, Georgia: White	3.3	0.5	0.3	0.3	0.1	0.1	0.0	0.1	0.1	**729**	838
USA, Idaho	3.5	0.6	0.2	0.4	0.0	0.1	-	0.0	0.2	**159**	193
USA, Illinois	2.8	0.5	0.2	0.3	0.1	0.1	0.0	0.1	0.2	**1456**	1720
USA, Illinois: Black	1.3	0.2	0.1	0.2	0.1	-	-	0.1	0.3	**104**	123
USA, Illinois: White	3.1	0.6	0.2	0.3	0.2	0.1	0.0	0.1	0.2	**1306**	1545
USA, Indiana	3.2	0.4	0.3	0.4	0.1	0.1	-	0.1	0.1	**766**	917
USA, Iowa	3.4	0.6	0.2	0.5	0.2	0.1	0.1	0.1	0.1	**413**	498
USA, Kentucky	3.2	0.4	0.3	0.6	0.1	0.1	0.0	0.1	0.2	**484**	615
USA, Louisiana	2.6	0.3	0.1	0.3	0.2	0.2	-	0.1	0.3	**453**	574
USA, Louisiana, New Orleans: Black	1.9	0.3	0.1	0.3	0.1	0.1	-	0.2	0.3	**31**	39
USA, Louisiana, New Orleans: White	2.8	0.4	0.1	0.4	0.3	-	-	-	0.1	**62**	76
USA, Louisiana: Black	1.8	0.2	0.1	0.4	0.1	0.1	-	0.1	0.4	**96**	132
USA, Louisiana: White	3.0	0.4	0.2	0.3	0.3	0.2	-	0.1	0.2	**354**	437
USA, Maine	3.4	0.6	0.2	0.5	0.1	0.2	-	0.1	0.2	**175**	229
USA, Massachusetts	3.1	0.7	0.2	0.3	0.2	0.1	0.0	0.1	0.2	**930**	1072

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Brain and central nervous system (C71-72) - Female (Contd)

	Gliomas				Embryonal		Other neuro	Other	Unspec.	Number of cases	
	Astro.	Oligo.	Epend.	Other	Medullobl.	Other				MV	Total
America, North (Contd)											
USA, Michigan	2.8	0.6	0.2	0.3	0.1	0.1	0.0	0.1	0.2	**1220**	1469
USA, Michigan, Detroit	2.7	0.7	0.2	0.3	0.2	0.1	0.0	0.1	0.2	**523**	599
USA, Michigan, Detroit: Black	1.5	0.3	0.1	0.3	0.0	0.0	-	0.1	0.1	**70**	84
USA, Michigan, Detroit: White	3.2	0.9	0.2	0.3	0.2	0.1	0.0	0.0	0.2	**443**	505
USA, Michigan: Black	1.5	0.3	0.1	0.3	0.1	0.1	-	0.1	0.1	**95**	111
USA, Michigan: White	3.0	0.7	0.2	0.3	0.2	0.1	0.0	0.1	0.3	**1112**	1344
USA, Missouri	3.2	0.6	0.1	0.2	0.1	0.1	0.0	0.0	0.4	**721**	903
USA, Missouri: Black	1.5	0.2	0.1	0.1	-	0.1	-	-	0.3	**35**	47
USA, Missouri: White	3.4	0.7	0.2	0.2	0.1	0.1	0.0	0.1	0.4	**675**	844
USA, Montana	3.6	0.9	0.1	0.2	0.1	0.1	-	0.0	0.1	**130**	159
USA, New Jersey	3.0	0.4	0.3	0.5	0.1	0.2	0.0	0.1	0.3	**1091**	1338
USA, New Jersey: Black	1.5	0.2	0.2	0.2	0.0	0.2	-	-	0.4	**79**	104
USA, New Jersey: White	3.2	0.4	0.3	0.5	0.2	0.2	0.0	0.1	0.3	**965**	1178
USA, New Mexico	2.0	0.7	0.3	0.4	0.1	0.1	-	0.1	0.1	**159**	203
USA, New Mexico: American Indian	0.6	0.9	0.2	0.5	0.2	-	-	-	-	**10**	11
USA, New Mexico: Hispanic White	2.1	0.6	0.4	0.2	0.1	0.1	-	0.1	0.0	**56**	67
USA, New Mexico: Non-Hispanic White	2.2	0.8	0.3	0.4	0.2	0.1	-	0.0	0.2	**89**	120
USA, New York state	3.0	0.5	0.2	0.4	0.2	0.2	0.0	0.1	0.3	**2446**	3009
USA, New York state: Black	2.0	0.3	0.1	0.3	0.0	0.1	-	0.1	0.3	**221**	292
USA, New York state: White	3.2	0.5	0.2	0.4	0.2	0.2	0.0	0.1	0.3	**2149**	2623
USA, NPCR	2.9	0.5	0.2	0.4	0.2	0.1	0.0	0.1	0.2	**27120**	32720
USA, NPCR: Black	1.6	0.2	0.1	0.3	0.1	0.1	0.0	0.1	0.2	**1679**	2119
USA, NPCR: White	3.1	0.5	0.2	0.4	0.2	0.1	0.0	0.1	0.2	**24573**	29562
USA, Ohio	3.0	0.5	0.2	0.4	0.2	0.1	0.0	0.1	0.2	**1479**	1748
USA, Ohio: Black	1.5	0.3	0.1	0.4	0.2	0.1	0.0	0.0	0.3	**84**	114
USA, Ohio: White	3.1	0.5	0.2	0.4	0.1	0.1	0.0	0.1	0.2	**1367**	1603
USA, Oklahoma	3.3	0.3	0.3	0.3	0.1	0.1	-	0.1	0.6	**447**	552
USA, Oregon	3.0	0.5	0.2	0.5	0.1	0.2	-	0.1	0.1	**406**	509
USA, Pennsylvania	3.2	0.5	0.2	0.4	0.1	0.2	0.0	0.1	0.1	**1703**	2031
USA, Pennsylvania: Black	1.9	0.2	-	0.3	0.0	0.1	-	0.2	0.0	**87**	103
USA, Pennsylvania: White	3.3	0.5	0.2	0.5	0.1	0.2	0.0	0.1	0.1	**1580**	1888
USA, Rhode Island	3.4	0.5	0.2	0.4	0.2	0.4	0.0	0.1	0.1	**157**	187
USA, SEER (9 registries)	2.8	0.6	0.2	0.4	0.2	0.1	0.0	0.1	0.1	**3170**	3717
USA, SEER (9 registries): Black	1.5	0.2	0.2	0.3	0.1	0.1	0.0	0.1	0.1	**185**	228
USA, SEER (9 registries): White	3.1	0.7	0.2	0.4	0.2	0.1	0.0	0.1	0.1	**2795**	3268
USA, SEER (14 registries)	2.8	0.5	0.2	0.4	0.2	0.1	0.0	0.1	0.2	**8361**	10022
USA, SEER (14 registries): Asian and Pacific Islander	1.3	0.3	0.1	0.3	0.1	0.1	-	0.0	0.1	**338**	410
USA, SEER (14 registries): Black	1.6	0.2	0.2	0.3	0.1	0.1	0.0	0.1	0.2	**512**	656
USA, SEER (14 registries): Hispanic White	2.5	0.4	0.2	0.3	0.2	0.1	0.0	0.1	0.2	**1017**	1183
USA, SEER (14 registries): Non-hispanic White	3.2	0.6	0.2	0.4	0.2	0.1	0.0	0.1	0.2	**6403**	7672
USA, South Carolina	2.9	0.3	0.2	0.2	0.2	0.1	0.0	0.0	0.2	**466**	549
USA, South Carolina: Black	1.5	0.1	0.1	0.1	0.2	0.1	0.0	0.0	0.2	**66**	90
USA, South Carolina: White	3.5	0.3	0.2	0.3	0.2	0.0	0.1	0.0	0.1	**394**	452
USA, Texas	2.6	0.5	0.2	0.4	0.1	0.1	0.0	0.1	0.3	**2188**	2724
USA, Texas: Black	1.6	0.2	0.1	0.3	0.1	0.1	0.0	0.1	0.2	**150**	185
USA, Texas: White	2.8	0.5	0.3	0.4	0.1	0.1	0.0	0.1	0.4	**1985**	2472
USA, Utah	3.0	0.6	0.2	0.6	0.3	0.1	-	0.2	0.0	**247**	285
USA, Vermont	2.8	0.3	0.3	0.0	0.1	0.0	-	-	0.3	**70**	81
USA, Washington State	3.2	0.8	0.2	0.6	0.2	0.1	0.0	0.1	0.1	**794**	945
USA, Washington, Seattle	2.9	0.9	0.2	0.6	0.3	0.1	0.0	0.1	0.1	**531**	633
USA, West Virginia	3.2	0.5	0.2	0.2	0.3	0.0	0.0	0.1	0.2	**236**	293
USA, Wisconsin	3.0	0.6	0.2	0.3	0.1	0.1	0.0	0.1	0.4	**734**	857
Asia											
Bahrain: Bahraini	0.5	0.1	-	0.1	-	0.1	-	0.1	-	**5**	8
China, Guangzhou City	0.6	0.0	0.1	0.5	0.1	0.1	0.0	0.1	1.0	**88**	126 *
China, Hong Kong	1.0	0.2	0.2	0.2	0.2	0.0	-	0.1	0.2	**331**	380
China, Jiashan	0.3	-	0.1	0.9	-	-	-	1.5	0.1	**16**	37 *
China, Nangang District, Harbin City	-	-	-	-	-	-	-	-	4.7	**90**	116
China, Shanghai	0.2	0.0	0.0	0.1	-	0.0	-	0.1	3.9	**556**	934 *
China, Zhongshan	0.3	0.1	0.1	0.5	0.1	-	-	0.1	0.2	**46**	48 *
Cyprus	2.8	-	0.3	0.4	0.2	0.3	-	0.2	0.4	**75**	89 *
India, Chennai (Madras)	1.0	0.1	0.0	0.2	0.1	-	-	-	0.5	**158**	195
India, Karunagappally	0.6	0.1	-	0.2	0.5	-	-	-	0.5	**14**	19
India, Mumbai (Bombay)	1.6	0.1	0.1	0.4	0.1	0.0	-	0.1	0.3	**581**	639
India, Nagpur	1.6	0.0	0.1	0.5	0.1	-	-	0.0	0.2	**110**	121 *
India, New Delhi	1.1	0.2	0.0	0.5	0.1	-	0.0	-	0.4	**444**	527 *
India, Poona	-	-	-	-	-	-	-	-	1.8	**110**	127 *
India, Trivandrum	0.7	0.2	-	0.2	0.3	-	-	0.1	0.7	**41**	64 *
Israel	2.8	0.4	0.1	0.3	0.1	0.1	0.0	0.1	0.3	**569**	722
Israel: Jews	2.8	0.4	0.1	0.3	0.1	0.1	0.0	0.1	0.2	**503**	617
Israel: Non-Jews	2.2	0.3	0.3	0.1	0.1	0.0	-	0.0	0.2	**59**	69
Japan, Aichi Prefecture	0.5	0.1	-	0.2	0.1	-	-	0.1	0.7	**35**	56
Japan, Fukui Prefecture	0.6	0.0	0.1	0.2	0.0	-	-	0.1	0.9	**41**	74
Japan, Hiroshima	1.1	-	0.3	0.1	-	-	-	0.1	-	**50**	58
Japan, Miyagi Prefecture	1.1	0.1	0.1	0.2	0.1	0.0	0.0	0.1	0.2	**91**	126
Japan, Nagasaki Prefecture	0.9	0.2	0.1	0.3	0.2	0.1	-	0.0	0.1	**79**	89
Japan, Osaka Prefecture	0.8	0.0	0.1	0.1	0.1	0.0	-	0.1	0.7	**358**	580
Japan, Yamagata Prefecture	0.8	0.0	0.0	0.3	-	-	-	0.0	0.5	**58**	106
Korea	0.8	0.2	0.1	0.1	0.1	0.1	0.0	0.1	0.9	**1405**	2332
Korea, Busan	0.6	0.1	0.1	0.1	0.2	0.1	-	0.1	1.0	**109**	211
Korea, Daegu	0.7	0.1	0.1	0.1	0.2	0.1	-	0.1	0.5	**98**	123
Korea, Daejeon	0.6	0.1	0.1	0.0	0.1	0.0	0.1	0.1	1.0	**40**	73
Korea, Gwangju	0.8	0.2	0.1	0.1	-	0.1	-	0.1	1.1	**49**	86
Korea, Incheon	0.8	0.2	0.1	0.1	0.0	0.1	0.0	0.2	1.0	**96**	159

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type

Brain and central nervous system (C71-72) - Female (Contd)

	Gliomas				Embryonal		Other neuro	Other	Unspec.	Number of cases		
	Astro.	Oligo.	Epend.	Other	Medullobl.	Other				MV	Total	
Asia (Contd)												
Korea, Jejudo	0.6	0.8	-	-	0.2	-	0.1	-	0.8	**15**	24	
Korea, Seoul	0.9	0.2	0.2	0.1	0.1	0.1	0.0	0.1	1.1	**426**	684	
Korea, Ulsan	0.6	0.1	0.0	0.2	0.1	-	-	0.3	1.0	**24**	42	
Kuwait: Kuwaitis	0.8	-	0.1	-	0.1	0.1	-	-	1.8	**17**	41	
Kuwait: Non-Kuwaitis	1.0	0.0	0.1	0.6	1.0	-	-	-	0.3	**24**	33	
Malaysia, Penang	0.7	-	0.1	0.1	0.1	0.2	-	0.1	0.9	**36**	58	
Malaysia, Sarawak	0.4	0.0	0.1	0.2	0.1	-	0.0	0.0	0.2	**40**	49	
Oman: Omani	0.9	0.0	0.1	0.2	0.1	0.0	-	0.2	0.6	**51**	60	*
Pakistan, South Karachi	1.2	0.3	0.1	0.2	0.1	0.1	0.0	0.0	0.2	**73**	78	*
Philippines, Manila	0.8	0.1	0.0	0.2	0.2	0.1	0.0	0.1	1.0	**115**	250	*
Singapore	0.7	0.1	0.1	0.1	0.2	0.1	-	0.0	0.3	**109**	135	
Singapore: Chinese	0.7	0.1	0.1	0.1	0.2	0.0	-	0.0	0.3	**80**	103	
Singapore: Indian	0.8	0.3	-	0.2	0.4	-	-	-	0.3	**11**	13	
Singapore: Malay	0.8	0.1	0.2	-	0.2	0.3	-	0.1	0.1	**18**	19	
Thailand, Chiang Mai	0.6	-	0.1	-	0.0	-	-	-	0.7	**25**	52	*
Thailand, Lampang	0.6	0.1	-	0.1	0.1	0.2	-	0.1	1.0	**21**	40	*
Thailand, Songkhla	0.6	0.1	0.0	-	0.1	-	0.0	0.1	0.3	**27**	38	
Turkey, Antalya	2.2	0.2	0.2	0.3	0.3	0.2	-	0.1	0.8	**108**	135	*
Turkey, Izmir	1.6	0.3	0.2	0.4	0.1	-	0.0	0.1	0.2	**208**	247	*
Europe												
Austria	2.5	0.1	0.2	0.2	0.2	0.1	0.0	0.2	0.8	**997**	1279	
Austria, Tyrol	2.6	0.2	0.3	0.0	0.1	-	-	0.1	0.2	**72**	86	
Austria, Vorarlberg	2.7	0.3	0.0	0.2	0.4	0.2	-	-	1.1	**38**	54	
Belarus	1.6	0.3	0.1	0.1	0.2	0.1	0.0	0.1	0.7	**707**	925	*
Belgium, Antwerp	2.5	0.2	0.2	0.1	-	-	-	0.0	0.1	**185**	203	*
Belgium, Flanders	2.8	0.5	0.3	0.3	0.2	0.2	0.0	0.0	0.2	**648**	732	
Bulgaria	1.5	0.2	0.1	0.1	0.1	0.0	-	0.0	1.9	**545**	1179	*
Croatia	2.0	0.2	0.1	0.4	0.1	0.1	0.0	0.0	4.0	**522**	1150	
Czech Republic	2.4	0.3	0.2	0.1	0.2	0.0	0.0	0.0	1.1	**1117**	1602	
Denmark	2.8	0.5	0.2	0.2	0.1	0.1	0.0	0.1	0.7	**703**	942	
Estonia	3.0	0.2	0.3	0.0	0.0	0.1	-	0.1	0.4	**176**	200	
Finland *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-	
France, Bas-Rhin	1.4	1.1	0.1	0.3	0.5	0.0	-	-	0.7	**96**	140	
France, Calvados	1.5	1.2	0.1	0.3	-	0.2	0.1	-	0.2	**70**	81	
France, Doubs	1.2	2.2	0.5	0.2	0.2	-	-	-	-	**71**	77	
France, Haut-Rhin	1.8	0.8	0.2	0.6	0.1	0.0	-	0.1	0.1	**88**	95	
France, Herault	2.2	1.1	0.3	0.2	0.2	-	-	0.1	0.4	**124**	146	
France, Isere	2.1	0.8	0.3	0.4	0.2	0.0	-	0.1	0.4	**132**	168	
France, Loire-Atlantique	1.7	1.0	0.2	0.4	0.1	0.1	0.1	0.1	0.1	**126**	137	
France, Manche	1.5	0.5	0.1	0.3	0.2	0.1	-	0.0	0.2	**47**	53	
France, Somme	2.3	0.3	0.4	0.4	0.1	0.2	-	-	0.2	**44**	70	
France, Tarn	1.7	0.8	-	-	-	-	-	0.1	0.3	**35**	50	
France, Vendee	2.0	0.9	-	0.2	-	0.1	0.1	-	0.1	**57**	62	
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-	
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-	
Germany, Hamburg	2.7	0.3	0.1	0.4	0.1	0.4	-	0.0	0.4	**172**	293	
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-	
Germany, Munich	2.5	0.3	0.3	0.1	0.2	0.0	0.0	0.1	1.0	**301**	433	
Germany, Northrhine-Westphalia: Munster	3.2	0.2	0.1	0.2	0.1	0.3	-	0.1	0.3	**334**	437	
Germany, Saarland	2.2	0.5	0.3	0.3	0.3	-	-	0.0	0.3	**151**	171	
Iceland	3.6	0.3	0.3	-	0.2	0.2	-	-	1.0	**35**	47	
Ireland	2.8	0.4	0.1	0.2	0.0	0.1	-	0.1	1.1	**378**	596	
Italy, Biella Province	2.5	-	0.8	0.2	-	-	-	-	0.4	**18**	29	
Italy, Brescia Province	2.6	0.2	0.3	0.1	0.0	0.5	-	0.1	1.6	**66**	113	
Italy, Ferrara Province	2.2	0.5	0.0	0.3	0.7	-	-	-	2.1	**56**	102	
Italy, Florence and Prato	2.3	0.3	0.3	0.2	0.3	-	-	-	1.9	**139**	268	
Italy, Genoa Province	1.8	0.0	0.1	1.1	0.4	-	-	0.1	0.9	**63**	117	
Italy, Macerata Province	3.5	0.7	-	0.1	-	-	-	0.2	1.2	**29**	48	
Italy, Milan	1.8	0.1	0.1	0.4	0.2	0.2	-	0.0	0.9	**107**	202	
Italy, Modena Province	2.1	0.1	0.2	0.4	0.3	0.2	-	0.0	1.8	**62**	140	
Italy, Naples	2.1	0.4	0.2	0.4	0.5	-	-	-	2.0	**43**	84	
Italy, North East Cancer Surveillance Network	1.4	0.3	0.1	0.3	0.2	0.1	-	0.1	1.4	**167**	391	
Italy, Parma Province	3.1	0.5	0.2	0.4	0.1	-	-	0.3	1.2	**63**	107	
Italy, Ragusa Province	1.8	0.4	0.2	0.8	-	-	-	-	1.5	**28**	49	
Italy, Reggio Emilia Province	1.2	0.7	-	0.2	-	0.1	-	0.2	2.6	**36**	89	
Italy, Romagna Region	2.2	0.4	0.2	0.3	0.1	-	-	-	1.3	**116**	224	
Italy, Salerno Province	2.1	0.1	0.1	0.2	0.2	0.1	-	0.1	2.7	**84**	177	
Italy, Sassari Province	1.6	0.1	-	-	0.2	-	-	-	1.9	**28**	64	
Italy, Sondrio	2.0	-	0.7	0.2	0.4	-	-	-	0.2	**18**	21	
Italy, Syracuse Province	1.1	0.2	0.6	0.2	0.7	-	-	-	1.7	**23**	51	
Italy, Torino	1.6	0.3	0.2	0.2	0.0	-	-	0.0	2.0	**82**	200	
Italy, Umbria Region	1.8	0.3	0.6	0.7	0.1	0.2	-	0.1	1.7	**104**	204	
Italy, Varese Province	1.5	0.3	0.1	0.3	0.2	0.1	-	0.1	1.2	**48**	87	
Italy, Veneto Region	2.5	0.4	0.4	0.3	0.3	0.1	-	0.2	1.3	**217**	359	
Latvia	1.6	0.1	0.0	0.3	0.0	0.1	0.0	0.0	1.7	**173**	337	
Lithuania	2.7	0.3	0.1	0.2	0.2	0.0	-	0.1	1.1	**476**	574	
Malta	1.9	0.1	0.1	0.4	-	-	-	-	0.7	**29**	45	
Norway	2.7	0.7	0.2	0.4	0.1	0.2	0.0	0.1	0.3	**556**	718	
Poland, Cracow	1.6	0.1	0.0	0.1	0.3	0.4	-	0.1	1.8	**64**	121	*
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-	
Poland, Warsaw City	1.5	0.2	0.2	0.3	0.2	-	0.1	0.1	1.8	**155**	294	
Portugal, Porto	2.1	0.4	0.3	0.2	0.2	0.1	0.0	0.0	0.2	**320**	346	*
Portugal, South Regional	2.0	0.7	0.2	0.3	0.4	0.2	0.0	0.1	1.8	**332**	593	
Russia, St Petersburg	1.3	0.1	0.1	0.1	0.1	0.1	0.0	0.1	1.4	**333**	545	

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Brain and central nervous system (C71-72) - Female (Contd)

	Gliomas				Embryonal		Other neuro	Other	Unspec.	Number of cases	
	Astro.	Oligo.	Epend.	Other	Medullobl.	Other				MV	Total
Europe (Contd)											
Serbia	3.7	0.3	0.1	0.6	0.1	0.4	0.0	0.1	1.6	**786**	1017
Slovak Republic	2.0	0.3	0.1	0.0	0.1	0.1	0.0	0.1	1.0	**464**	676
Slovenia	2.0	0.4	0.2	0.2	0.1	0.0	0.1	0.0	0.5	**238**	248
Spain, Albacete	1.7	-	-	0.5	0.2	-	-	-	0.1	**12**	37
Spain, Asturias	2.7	0.4	0.1	0.6	0.2	0.0	-	0.0	0.7	**125**	201
Spain, Basque Country	2.9	0.3	0.2	0.2	0.3	0.1	-	0.0	1.0	**224**	353
Spain, Canary Islands	2.7	0.4	0.1	0.4	0.0	-	-	0.1	0.5	**139**	201
Spain, Cuenca	1.7	0.5	0.0	1.5	-	-	-	-	1.0	**10**	37
Spain, Girona	2.8	0.2	0.1	0.3	0.3	0.2	-	0.1	1.3	**69**	106
Spain, Granada	2.0	0.3	0.2	0.2	0.1	0.0	-	0.0	0.6	**80**	105
Spain, Murcia	1.5	0.0	0.2	0.8	-	-	-	-	0.9	**75**	145
Spain, Navarra	3.6	0.2	0.1	0.7	0.2	0.1	-	-	0.5	**55**	117
Spain, Tarragona	2.7	0.3	0.4	1.1	0.1	-	-	0.3	1.1	**69**	105
Spain, Zaragoza	2.2	0.3	0.2	0.3	0.3	-	-	0.0	0.4	**101**	126
Sweden	2.3	0.4	0.3	0.2	0.2	0.2	0.0	0.1	0.3	**1027**	1125
Switzerland, Geneva	2.3	0.1	0.1	0.4	-	-	-	-	0.8	**46**	63
Switzerland, Graubunden and Glarus	4.4	0.6	0.4	0.1	0.4	-	-	-	0.3	**42**	48
Switzerland, Neuchatel	2.2	-	-	0.8	1.3	0.4	-	-	0.6	**19**	24
Switzerland, St Gall-Appenzell	2.6	0.5	-	0.1	0.2	-	-	-	0.5	**57**	74
Switzerland, Ticino	2.8	0.1	0.5	0.5	-	-	-	-	0.6	**37**	59
Switzerland, Valais	2.2	-	0.5	-	0.2	0.2	-	-	0.6	**29**	38
Switzerland, Vaud	2.8	0.2	0.3	0.0	0.1	-	0.1	0.2	0.5	**74**	89
The Netherlands	2.4	0.5	0.2	0.2	0.2	0.1	0.0	0.1	0.4	**1684**	2077
The Netherlands, Eindhoven	2.5	0.3	0.4	0.2	0.1	0.1	-	0.1	0.5	**103**	134
The Netherlands, Maastricht	2.5	0.6	0.1	0.3	0.4	-	-	0.0	0.2	**112**	126
UK, England, East of England Region	2.1	0.4	0.2	0.6	0.2	0.1	-	0.1	0.4	**270**	411
UK, England, Merseyside and Cheshire	2.4	0.6	0.1	0.7	0.1	0.0	-	0.9	0.1	**258**	474
UK, England, North Western	2.4	0.3	0.3	0.8	0.1	0.1	0.0	0.1	0.2	**389**	608
UK, England, Northern And Yorkshire	2.8	0.3	0.2	0.5	0.1	0.1	0.0	0.1	0.3	**693**	1045
UK, England, Oxford Region	2.3	0.3	0.2	0.6	0.1	0.0	-	0.0	0.4	**248**	362
UK, England, South and Western Regions	2.0	0.4	0.1	0.7	0.1	0.1	0.0	0.1	1.2	**654**	1169
UK, England, Thames	2.4	0.3	0.2	0.7	0.2	0.0	0.0	0.1	0.3	**1355**	2073
UK, England, Trent	2.7	0.3	0.1	0.9	0.2	0.1	0.0	0.1	0.3	**475**	849
UK, England, West Midlands	2.6	0.3	0.1	0.4	0.1	0.1	-	0.0	0.1	**523**	732
UK, Northern Ireland	2.3	0.3	0.3	0.3	0.1	0.1	-	-	1.3	**142**	250
UK, Scotland	2.5	0.3	0.1	0.4	0.1	0.0	0.0	0.1	0.4	**515**	810
Oceania											
Australia, New South Wales	2.8	0.5	0.2	0.5	0.1	0.1	0.0	0.1	0.1	**771**	932
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-	-	-
Australia, Queensland	3.0	0.5	0.2	0.4	0.1	0.1	-	0.1	0.1	**400**	517
Australia, South	3.0	0.3	0.1	0.3	0.2	0.0	0.0	0.0	0.1	**164**	226
Australia, Tasmania	2.9	0.5	0.5	0.2	-	0.1	-	-	0.2	**61**	70
Australia, Victoria	3.0	0.4	0.2	0.2	0.2	0.0	-	0.0	0.8	**633**	802
Australia, Western	2.8	0.4	0.1	0.2	0.1	0.1	0.0	-	0.1	**202**	242
Australian Capital Territory	2.7	0.1	0.1	0.7	0.2	-	-	0.2	-	**35**	39
French Polynesia	1.1	-	-	0.5	0.5	-	-	0.9	0.6	**12**	18
New Zealand	2.3	0.4	0.2	0.4	0.1	0.1	0.0	0.0	0.4	**359**	493
USA, Hawaii	2.3	0.3	0.2	0.2	0.1	0.2	-	-	0.1	**103**	118
USA, Hawaii: Chinese	1.2	-	-	0.6	-	-	-	-	-	**3**	4
USA, Hawaii: Filipino	1.2	-	-	-	-	-	-	-	-	**7**	8
USA, Hawaii: Hawaiian	2.9	0.6	0.2	0.1	-	0.2	-	-	0.2	**20**	23
USA, Hawaii: Japanese	2.1	0.0	0.7	0.3	-	-	-	-	-	**19**	22
USA, Hawaii: White	3.7	0.6	-	-	0.3	0.5	-	-	0.1	**43**	49

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Thyroid (C73) - Male

	Carcinoma						Sarcoma	Other	Unspec.	Number of cases	
	Follicular	Papillary	Medular	Anaplastic	Other	Unspec.				MV	Total
Africa											
Algeria, Setif	0.5	0.6	0.1	0.1	0.1	0.0	-	-	-	**32**	32 *
Egypt, Gharbiah	0.2	0.5	0.1	0.2	0.0	0.0	-	-	0.1	**48**	53
Tunisia, Centre, Sousse	0.1	0.9	0.2	0.1	-	-	-	-	-	**14**	14 *
Uganda, Kyadondo County	0.1	-	-	-	0.0	0.2	-	-	0.2	**6**	11 *
Zimbabwe, Harare: African	0.3	0.3	-	0.1	0.1	0.1	-	-	0.0	**10**	14 *
America, Central and South											
Argentina, Bahia Blanca	0.0	0.4	-	-	0.1	0.1	-	-	-	**5**	6
Brazil, Brasilia	0.5	1.9	0.1	0.1	0.2	0.2	-	-	0.4	**81**	88
Brazil, Cuiaba	0.3	0.6	0.2	-	-	-	-	-	-	**8**	8
Brazil, Goiania	0.3	1.2	0.2	0.1	0.1	0.1	-	-	0.1	**37**	39
Brazil, Sao Paulo	0.5	1.9	0.1	0.1	0.1	0.4	-	-	0.5	**740**	861
Chile, Valdivia	-	1.3	0.1	0.1	-	-	-	-	0.2	**15**	16
Colombia, Cali	0.3	1.4	0.0	0.2	0.1	0.1	-	-	0.2	**76**	85
Costa Rica	0.1	1.3	0.1	0.1	0.0	0.0	-	-	0.1	**134**	141
Ecuador, Quito	0.2	1.1	0.1	0.2	0.1	0.0	-	-	0.3	**50**	57
France, La Martinique	-	0.7	0.1	-	-	0.1	-	-	-	**11**	11
Peru, Trujillo	0.1	1.2	0.1	0.1	-	0.1	-	-	-	**17**	17 *
America, North											
Canada (excluding Quebec, Yukon and Nunavut)	0.3	2.3	0.1	0.1	0.0	0.0	-	-	0.1	**1961**	2095
Canada, Alberta	0.2	2.7	0.1	0.1	0.0	0.1	-	-	-	**293**	295
Canada, British Columbia	0.2	1.7	0.1	0.1	0.0	0.0	-	-	0.0	**269**	271
Canada, Manitoba	0.4	1.5	0.1	0.0	-	0.0	-	-	-	**68**	68
Canada, New Brunswick	0.1	1.6	0.4	-	0.0	0.0	-	-	-	**54**	54
Canada, Newfoundland and Labrador	0.4	1.0	0.1	0.1	0.0	-	-	-	-	**26**	26
Canada, Northwest Territories	-	1.5	-	-	-	-	-	-	-	**2**	2
Canada, Nova Scotia	0.1	1.4	0.1	0.0	-	0.1	-	-	0.0	**52**	54
Canada, Ontario	0.3	2.6	0.1	0.1	0.0	0.0	-	-	0.2	**1115**	1243
Canada, Prince Edward Island	-	0.4	-	-	0.2	-	-	-	-	**3**	3
Canada, Saskatchewan	0.3	2.0	0.1	0.1	0.0	0.1	-	-	-	**79**	79
USA, Alabama	0.3	1.6	0.1	0.1	0.0	0.0	-	-	0.0	**297**	300
USA, Alabama: Black	0.4	0.7	0.1	0.1	0.1	0.1	-	-	-	**37**	38
USA, Alabama: White	0.3	1.8	0.1	0.1	0.0	0.0	-	-	0.0	**255**	257
USA, Alaska	0.5	2.8	0.1	0.1	-	-	-	-	0.2	**62**	63
USA, Arizona	0.4	2.4	0.1	0.1	0.0	0.0	-	-	0.0	**471**	475
USA, California	0.3	2.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**2706**	2720
USA, California, Greater San Francisco Bay Area	0.3	2.2	0.1	0.1	0.0	0.0	0.0	-	0.0	**542**	545
USA, California, Greater San Francisco Bay Area: Black	0.2	1.1	-	0.2	-	-	-	-	-	**22**	22
USA, California, Greater San Francisco Bay Area: Chinese	0.3	2.1	-	0.1	-	0.1	-	-	-	**36**	37
USA, California, Greater San Francisco Bay Area: Filipino	0.3	3.2	-	0.2	-	-	-	-	-	**33**	33
USA, California, Greater San Francisco Bay Area: Hispanic White	0.1	1.9	0.1	0.1	0.0	0.0	0.0	-	-	**66**	66
USA, California, Greater San Francisco Bay Area: Japanese	1.1	1.1	-	-	-	-	-	-	-	**5**	5
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	0.4	2.4	0.1	0.1	0.0	0.0	-	-	0.0	**337**	339
USA, California, Los Angeles County	0.3	2.4	0.1	0.0	0.1	0.0	0.0	0.0	-	**776**	779
USA, California, Los Angeles County: Black	0.4	1.1	0.1	0.0	-	0.1	-	-	-	**47**	47
USA, California, Los Angeles County: Chinese	0.4	1.7	0.2	-	-	-	-	-	-	**26**	26
USA, California, Los Angeles County: Filipino	0.2	4.6	-	-	-	-	-	-	-	**37**	37
USA, California, Los Angeles County: Hispanic White	0.2	1.7	0.1	0.0	0.0	0.0	0.0	0.0	-	**168**	169
USA, California, Los Angeles County: Japanese	0.3	3.7	-	-	-	-	-	-	-	**17**	17
USA, California, Los Angeles County: Korean	-	3.0	-	-	-	0.2	-	-	-	**18**	18
USA, California, Los Angeles County: Non-Hispanic White	0.4	3.2	0.2	0.1	0.1	0.0	-	-	-	**436**	438
USA, California: Asian and Pacific Islander	0.3	2.4	0.0	0.0	0.0	0.1	-	-	0.0	**328**	329
USA, California: Black	0.4	1.1	0.1	0.1	-	0.1	-	-	-	**102**	103
USA, California: Hispanic White	0.2	1.8	0.1	0.0	0.0	0.0	0.0	0.0	-	**469**	470
USA, California: Non-hispanic White	0.3	2.6	0.2	0.1	0.0	0.0	-	-	0.0	**1779**	1789
USA, Colorado	0.4	2.7	0.1	0.1	0.0	0.0	-	-	0.1	**424**	432
USA, Connecticut	0.3	3.1	0.2	0.0	0.1	0.0	-	-	0.0	**386**	386
USA, Connecticut: Black	0.4	0.5	-	-	-	-	-	-	-	**7**	7
USA, Connecticut: White	0.3	3.4	0.2	0.0	0.1	0.1	-	-	0.0	**368**	368
USA, District of Columbia	0.9	4.0	0.1	0.1	-	-	-	-	0.1	**79**	82
USA, District of Columbia: Black	0.8	2.8	-	0.1	-	-	-	-	-	**36**	36
USA, District of Columbia: White	0.7	5.3	0.2	-	-	-	-	-	-	**39**	40
USA, Florida	0.4	1.9	0.1	0.0	0.0	0.1	0.0	-	0.1	**1408**	1434
USA, Florida: Black	0.2	0.7	0.0	0.0	0.0	0.1	0.0	-	0.1	**65**	69
USA, Florida: White	0.4	2.1	0.1	0.0	0.0	0.1	-	-	0.1	**1312**	1334
USA, Georgia	0.3	1.8	0.2	0.0	0.0	0.0	-	-	0.0	**561**	568
USA, Georgia, Atlanta	0.3	2.2	0.2	0.0	0.0	-	-	-	0.0	**212**	213
USA, Georgia, Atlanta: Black	0.2	0.7	0.1	0.0	-	-	-	-	-	**26**	26
USA, Georgia, Atlanta: White	0.4	2.8	0.2	0.0	0.0	-	-	-	0.0	**172**	173
USA, Georgia: Black	0.2	0.8	0.0	0.0	0.1	0.0	-	-	-	**64**	66
USA, Georgia: White	0.4	2.1	0.2	0.0	0.0	0.0	-	-	0.0	**479**	484
USA, Idaho	0.4	2.5	0.1	-	0.1	0.1	-	-	0.0	**117**	117
USA, Illinois	0.4	2.3	0.1	0.1	0.0	0.1	-	0.0	0.0	**1088**	1100
USA, Illinois: Black	0.2	1.0	0.1	-	0.1	0.1	-	-	-	**60**	62
USA, Illinois: White	0.4	2.5	0.1	0.1	0.0	0.1	-	0.0	0.0	**962**	972
USA, Indiana	0.3	2.0	0.1	0.1	0.0	0.1	-	-	0.0	**475**	476
USA, Iowa	0.3	2.6	0.1	0.0	0.0	0.0	0.0	-	0.0	**288**	290
USA, Kentucky	0.4	2.1	0.1	0.1	0.0	0.0	-	-	0.0	**328**	332
USA, Louisiana	0.6	1.7	0.1	0.0	0.0	0.0	-	-	0.0	**316**	318
USA, Louisiana, New Orleans: Black	1.0	0.4	-	0.1	0.1	0.1	-	-	-	**15**	15
USA, Louisiana, New Orleans: White	0.6	2.2	0.2	0.1	-	-	-	-	-	**54**	54
USA, Louisiana: Black	0.5	0.8	-	0.0	0.1	0.1	-	-	0.0	**45**	47
USA, Louisiana: White	0.6	2.1	0.2	0.0	0.0	-	-	-	-	**266**	266
USA, Maine	0.3	1.8	0.3	0.0	-	0.0	-	-	-	**99**	99
USA, Massachusetts	0.4	2.7	0.2	0.0	0.0	0.0	-	-	0.0	**638**	644

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Thyroid (C73) - Male (Contd)

	Carcinoma						Sarcoma	Other	Unspec.	Number of cases	
	Follicular	Papillary	Medular	Anaplastic	Other	Unspec.				MV	Total
America, North (Contd)											
USA, Michigan	0.3	2.2	0.1	0.1	0.0	0.0	-	-	0.0	**832**	842
USA, Michigan, Detroit	0.3	2.6	0.1	0.1	0.1	0.0	-	-	-	**381**	384
USA, Michigan, Detroit: Black	0.2	1.6	0.1	0.1	0.2	0.0	-	-	-	**52**	53
USA, Michigan, Detroit: White	0.4	2.9	0.1	0.1	0.0	0.0	-	-	-	**321**	323
USA, Michigan: Black	0.2	1.5	0.1	0.1	0.1	0.0	-	-	0.1	**63**	65
USA, Michigan: White	0.3	2.4	0.1	0.1	0.0	0.0	-	-	0.0	**748**	756
USA, Missouri	0.4	2.1	0.2	0.1	0.0	0.0	0.0	-	0.0	**473**	480
USA, Missouri: Black	0.4	0.7	0.1	0.1	-	0.2	-	-	-	**21**	22
USA, Missouri: White	0.4	2.2	0.2	0.1	0.0	0.0	0.0	-	0.0	**446**	452
USA, Montana	0.4	2.9	0.2	0.0	-	0.1	-	-	0.0	**105**	108
USA, New Jersey	0.6	2.8	0.1	0.1	0.0	0.1	-	0.0	0.0	**958**	969
USA, New Jersey: Black	0.4	1.5	0.2	0.0	0.0	0.1	-	-	-	**62**	64
USA, New Jersey: White	0.7	3.0	0.1	0.1	0.0	0.0	-	0.0	0.0	**836**	845
USA, New Mexico	0.5	3.3	0.1	0.0	0.0	0.1	-	0.0	-	**219**	222
USA, New Mexico: American Indian	-	1.7	-	-	-	-	-	-	-	**7**	7
USA, New Mexico: Hispanic White	0.3	3.6	0.1	0.1	-	0.2	-	0.1	-	**79**	81
USA, New Mexico: Non-Hispanic White	0.7	3.6	0.1	-	0.1	0.1	-	-	-	**130**	131
USA, New York state	0.4	2.8	0.1	0.1	0.1	0.0	0.0	-	0.0	**1997**	2019
USA, New York state: Black	0.3	1.0	0.1	0.0	0.0	0.0	-	-	0.0	**111**	112
USA, New York state: White	0.5	3.1	0.1	0.1	0.1	0.0	0.0	-	0.0	**1769**	1790
USA, NPCR	0.4	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**19625**	19839
USA, NPCR: Black	0.3	1.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	**1025**	1052
USA, NPCR: White	0.4	2.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**17441**	17616
USA, Ohio	0.4	1.9	0.1	0.1	0.0	0.0	0.0	-	0.0	**840**	856
USA, Ohio: Black	0.2	0.9	-	-	0.0	0.0	-	-	0.1	**39**	42
USA, Ohio: White	0.3	1.9	0.1	0.1	0.0	0.0	0.0	-	0.0	**753**	766
USA, Oklahoma	0.3	1.5	0.2	0.0	0.1	0.0	-	-	0.0	**225**	230
USA, Oregon	0.3	2.3	0.2	0.1	-	0.0	0.0	0.0	-	**304**	305
USA, Pennsylvania	0.5	3.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**1507**	1513
USA, Pennsylvania: Black	0.5	1.7	0.2	-	-	0.0	-	-	-	**76**	76
USA, Pennsylvania: White	0.5	3.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**1375**	1381
USA, Rhode Island	0.5	2.8	0.2	0.0	0.1	0.1	-	-	-	**116**	116
USA, SEER (9 registries)	0.4	2.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**2574**	2588
USA, SEER (9 registries): Black	0.3	1.1	0.1	0.1	0.1	0.0	-	-	-	**120**	121
USA, SEER (9 registries): White	0.4	2.9	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**2206**	2216
USA, SEER (14 registries)	0.4	2.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**6542**	6586
USA, SEER (14 registries): Asian and Pacific Islander	0.3	2.4	0.1	0.0	0.0	0.0	-	-	0.0	**516**	518
USA, SEER (14 registries): Black	0.4	1.1	0.1	0.1	0.0	0.1	-	-	0.0	**324**	330
USA, SEER (14 registries): Hispanic White	0.3	2.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	**676**	680
USA, SEER (14 registries): Non-hispanic White	0.4	2.7	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**4942**	4971
USA, South Carolina	0.3	1.6	0.1	0.1	0.0	0.0	-	0.0	0.0	**263**	265
USA, South Carolina: Black	0.2	0.8	0.1	0.1	0.0	-	-	0.0	0.0	**37**	37
USA, South Carolina: White	0.3	1.9	0.1	0.1	0.1	0.0	-	-	0.0	**221**	223
USA, Texas	0.4	2.2	0.1	0.1	0.0	0.0	0.0	0.0	0.1	**1669**	1699
USA, Texas: Black	0.5	1.0	0.0	0.0	0.0	0.1	-	-	0.1	**94**	96
USA, Texas: White	0.4	2.3	0.1	0.1	0.0	0.0	0.0	0.0	0.1	**1494**	1518
USA, Utah	0.3	3.1	0.1	0.1	0.1	0.0	-	-	-	**201**	202
USA, Vermont	0.3	2.2	0.1	0.1	-	0.1	-	-	0.0	**50**	52
USA, Washington State	0.4	2.6	0.1	0.1	0.0	0.0	-	-	0.0	**577**	580
USA, Washington, Seattle	0.4	2.7	0.1	0.1	0.0	0.0	-	-	0.0	**409**	411
USA, West Virginia	0.4	2.3	0.2	0.0	0.0	0.1	-	0.0	0.0	**178**	179
USA, Wisconsin	0.4	2.2	0.1	0.1	0.0	0.0	-	-	0.1	**452**	463
Asia											
Bahrain: Bahraini	0.2	0.9	-	-	-	-	-	-	-	**8**	8
China, Guangzhou City	0.3	0.6	0.0	0.0	0.0	0.2	0.0	-	0.1	**74**	84 *
China, Hong Kong	0.3	1.6	0.1	0.1	0.0	0.0	-	-	0.0	**437**	447
China, Jiashan	0.1	0.2	-	0.2	0.1	0.3	0.1	-	-	**8**	11 *
China, Nangang District, Harbin City	-	-	-	-	-	-	-	-	0.7	**13**	18
China, Shanghai	0.0	0.2	0.0	-	0.0	-	-	-	1.2	**277**	314 *
China, Zhongshan	0.2	0.4	0.1	-	0.1	-	-	-	0.2	**35**	35 *
Cyprus	0.2	2.3	0.2	0.0	-	-	-	-	0.0	**52**	54 *
India, Chennai (Madras)	0.1	0.3	0.0	0.1	0.1	0.1	-	-	0.2	**54**	82
India, Karunagappally	0.1	1.3	0.1	-	0.2	-	-	-	-	**17**	17
India, Mumbai (Bombay)	0.1	0.3	0.1	0.0	0.1	0.0	0.0	-	0.1	**163**	184
India, Nagpur	0.2	0.0	0.0	0.0	-	-	-	-	0.1	**16**	17 *
India, New Delhi	0.1	0.3	0.1	0.1	0.0	0.2	-	-	0.2	**197**	262 *
India, Poona	-	-	-	-	-	-	-	-	0.7	**43**	53 *
India, Trivandrum	0.2	1.4	0.0	0.2	0.0	0.0	-	-	0.1	**58**	58 *
Israel	0.3	2.6	0.2	0.1	0.0	0.0	-	0.0	0.1	**505**	526
Israel: Jews	0.3	2.8	0.2	0.1	0.1	0.0	-	0.0	0.1	**460**	474
Israel: Non-Jews	0.1	1.7	0.2	0.0	-	-	-	-	-	**41**	43
Japan, Aichi Prefecture	0.1	0.9	0.1	0.0	0.0	-	-	-	0.1	**47**	50
Japan, Fukui Prefecture	0.2	2.1	0.1	0.1	-	-	-	-	0.1	**77**	81
Japan, Hiroshima	0.1	1.9	0.1	0.1	0.1	0.1	-	-	-	**88**	93
Japan, Miyagi Prefecture	0.1	1.6	0.0	0.1	0.0	-	-	-	0.1	**168**	175
Japan, Nagasaki Prefecture	0.2	1.5	0.0	0.1	0.0	0.2	-	-	-	**113**	122
Japan, Osaka Prefecture	0.1	0.9	0.0	0.1	0.0	0.0	0.0	-	0.2	**373**	432
Japan, Yamagata Prefecture	0.1	1.0	-	0.1	0.1	0.0	-	-	0.2	**71**	77
Korea	0.2	1.7	0.1	0.1	0.1	0.0	0.0	0.0	0.1	**2212**	2314
Korea, Busan	0.2	1.6	0.0	0.1	0.1	0.0	-	-	0.3	**200**	215
Korea, Daegu	0.1	1.3	0.1	0.0	0.0	0.0	-	0.0	0.1	**114**	118
Korea, Daejeon	0.2	1.5	0.0	0.1	0.0	0.1	-	-	0.2	**69**	73
Korea, Gwangju	0.2	3.1	0.1	0.0	-	0.0	-	-	0.1	**118**	121
Korea, Incheon	0.3	1.1	0.2	0.1	0.0	0.0	-	-	0.2	**99**	109

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Thyroid (C73) - Male (Contd)

	Carcinoma						Sarcoma	Other	Unspec.	Number of cases	
	Follicular	Papillary	Medular	Anaplastic	Other	Unspec.				MV	Total
Asia (Contd)											
Korea, Jejudo	0.1	2.0	0.2	-	-	-	-	-	0.7	**22**	25
Korea, Seoul	0.2	2.0	0.0	0.1	0.0	0.0	-	-	0.1	**623**	644
Korea, Ulsan	0.1	1.8	0.0	-	0.2	-	-	-	0.2	**47**	49
Kuwait: Kuwaitis	0.2	2.8	0.1	-	0.2	-	-	-	0.1	**45**	46
Kuwait: Non-Kuwaitis	0.1	0.7	0.1	0.0	0.0	-	-	-	-	**62**	62
Malaysia, Penang	0.1	0.5	0.0	0.2	-	0.0	-	-	0.2	**23**	25
Malaysia, Sarawak	0.2	0.6	-	0.2	0.1	-	-	-	0.1	**45**	46
Oman: Omani	-	1.2	0.1	0.2	0.1	0.0	-	-	0.2	**30**	32 *
Pakistan, South Karachi	0.1	0.5	-	-	0.1	0.0	-	-	-	**24**	25 *
Philippines, Manila	0.4	1.9	0.1	0.1	0.0	0.2	-	-	0.3	**235**	260 *
Singapore	0.4	1.4	0.0	0.1	-	0.0	0.0	-	0.0	**179**	180
Singapore: Chinese	0.4	1.5	0.0	0.1	-	0.0	0.0	-	0.0	**146**	147
Singapore: Indian	0.1	1.1	-	0.2	-	-	-	-	-	**11**	11
Singapore: Malay	0.5	1.7	0.1	-	-	-	-	-	-	**22**	22
Thailand, Chiang Mai	0.3	0.5	-	0.2	0.0	-	0.0	-	0.1	**41**	43 *
Thailand, Lampang	0.3	0.2	0.0	0.1	-	0.0	-	-	0.2	**14**	18 *
Thailand, Songkhla	0.3	1.2	-	-	-	0.1	-	-	0.1	**50**	52
Turkey, Antalya	0.3	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**35**	38 *
Turkey, Izmir	0.2	0.6	0.1	0.1	0.0	0.0	-	-	0.1	**86**	90 *
Europe											
Austria	0.5	1.6	0.3	0.1	0.1	0.1	0.0	0.0	0.1	**718**	737
Austria, Tyrol	0.8	2.1	0.1	0.2	0.0	-	-	0.0	0.1	**71**	73
Austria, Vorarlberg	1.0	0.5	0.1	0.1	-	0.2	0.2	-	0.3	**20**	25
Belarus	0.2	2.8	0.1	0.0	0.0	0.0	0.0	-	0.1	**881**	892 *
Belgium, Antwerp	0.3	0.7	0.1	-	0.0	0.0	-	-	-	**64**	64 *
Belgium, Flanders	0.3	0.6	0.1	0.1	0.1	0.1	-	-	0.0	**195**	206
Bulgaria	0.1	0.5	0.1	0.0	0.0	0.0	0.0	-	0.1	**199**	244 *
Croatia	0.3	1.4	0.1	0.1	0.0	0.1	0.0	-	0.2	**282**	306
Czech Republic	0.4	1.0	0.1	0.1	0.0	0.0	0.0	-	0.1	**547**	571
Denmark	0.3	0.6	0.1	0.1	0.0	0.0	0.0	-	0.0	**205**	210
Estonia	0.2	0.6	0.1	0.1	0.0	0.0	-	-	0.2	**51**	52
Finland *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	0.3	1.6	0.3	0.0	-	0.0	-	-	0.0	**74**	75
France, Calvados	0.3	2.2	0.3	0.2	0.1	-	-	-	0.0	**59**	59
France, Doubs	0.6	2.4	0.4	0.2	0.2	0.0	-	-	-	**60**	60
France, Haut-Rhin	0.4	1.2	0.3	0.3	0.3	-	-	-	-	**58**	58
France, Herault	0.3	1.7	0.1	0.1	-	-	0.0	-	0.0	**61**	62
France, Isere	0.4	3.5	0.3	0.0	0.1	-	-	-	-	**143**	143
France, Loire-Atlantique	0.4	2.2	0.4	0.0	0.0	-	-	-	-	**106**	106
France, Manche	0.5	1.2	0.1	0.2	-	-	-	-	-	**32**	32
France, Somme	0.5	1.5	0.1	0.1	0.1	-	-	-	-	**36**	36
France, Tarn	0.5	2.6	0.5	0.0	0.1	-	-	-	0.0	**45**	46
France, Vendee	0.4	4.0	0.4	0.0	0.1	-	-	-	0.1	**95**	96
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	0.2	0.8	0.1	0.0	0.0	0.1	-	-	0.0	**64**	75
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
Germany, Munich	0.5	1.7	0.2	0.0	0.0	-	-	-	0.0	**207**	209
Germany, Northrhine-Westphalia: Munster	0.3	0.7	0.1	0.1	0.1	0.1	-	-	0.0	**110**	122
Germany, Saarland	0.5	1.0	0.1	0.1	0.2	-	0.0	-	0.0	**69**	71
Iceland	0.6	3.6	0.2	0.1	0.1	-	-	-	-	**41**	41
Ireland	0.2	0.4	0.1	0.1	0.0	0.0	-	-	0.1	**87**	94
Italy, Biella Province	0.4	2.5	-	0.2	-	0.1	-	-	-	**23**	23
Italy, Brescia Province	0.3	3.5	0.4	0.2	0.2	0.0	-	-	0.3	**100**	105
Italy, Ferrara Province	0.5	5.0	0.4	0.2	0.1	0.1	-	-	0.2	**85**	87
Italy, Florence and Prato	0.2	1.8	0.2	-	-	0.5	-	-	0.7	**118**	143
Italy, Genoa Province	0.7	2.3	0.2	0.1	-	0.1	-	-	0.2	**65**	71
Italy, Macerata Province	0.3	1.3	0.3	0.2	-	-	-	-	0.3	**17**	17
Italy, Milan	0.2	2.3	0.2	0.1	0.0	0.2	0.0	-	0.1	**114**	119
Italy, Modena Province	0.4	4.9	0.5	0.1	-	0.1	-	-	-	**127**	127
Italy, Naples	0.6	2.2	0.3	0.1	0.1	-	-	-	0.2	**50**	53
Italy, North East Cancer Surveillance Network	0.4	1.7	0.1	0.1	0.0	0.1	-	-	0.3	**204**	210
Italy, Parma Province	0.5	3.7	0.2	0.3	-	0.1	-	-	0.1	**69**	71
Italy, Ragusa Province	0.1	2.0	0.1	-	-	-	-	-	1.1	**28**	31
Italy, Reggio Emilia Province	0.6	4.0	0.2	0.1	-	0.1	0.0	-	0.2	**82**	84
Italy, Romagna Region	0.8	2.6	0.3	0.1	0.0	0.1	-	-	0.3	**141**	151
Italy, Salerno Province	0.4	1.9	0.1	0.2	0.1	0.1	-	-	0.7	**75**	93
Italy, Sassari Province	0.5	2.3	0.1	0.1	-	0.1	-	-	0.0	**49**	50
Italy, Sondrio	0.2	1.8	0.2	-	-	0.2	-	-	0.2	**14**	15
Italy, Syracuse Province	0.5	2.7	0.2	0.0	0.1	-	-	-	-	**35**	35
Italy, Torino	0.4	1.7	0.2	-	0.0	0.1	-	-	0.0	**79**	80
Italy, Umbria Region	0.5	2.4	0.4	0.0	0.1	0.0	-	-	0.3	**92**	104
Italy, Varese Province	0.4	1.9	0.1	0.0	0.1	-	-	-	0.4	**39**	45
Italy, Veneto Region	0.3	2.1	0.2	0.1	-	0.0	-	-	0.1	**153**	156
Latvia	0.3	0.3	0.1	0.0	0.0	0.1	-	-	0.2	**58**	70
Lithuania	0.3	0.8	0.1	0.1	0.1	0.1	0.0	-	0.1	**159**	167
Malta	0.2	1.3	0.0	-	0.1	-	-	-	0.1	**18**	19
Norway	0.2	1.1	0.2	0.1	0.0	0.0	-	-	0.0	**243**	247
Poland, Cracow	0.3	1.1	-	-	0.0	0.1	-	-	0.3	**35**	43 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	-	-	-
Poland, Warsaw City	0.1	0.8	-	0.1	0.0	0.1	-	-	0.2	**65**	66
Portugal, Porto	0.3	1.6	0.2	0.0	0.0	0.0	-	-	0.0	**193**	194 *
Portugal, South Regional	0.1	1.1	0.2	0.0	0.1	0.1	-	-	0.1	**139**	151
Russia, St Petersburg	0.2	0.4	0.1	0.0	0.0	0.1	-	-	0.2	**121**	152

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Thyroid (C73) - Male (Contd)

	Carcinoma						Sarcoma	Other	Unspec.	Number of cases	
	Follicular	Papillary	Medular	Anaplastic	Other	Unspec.				MV	Total
Europe (Contd)											
Serbia	0.1	0.3	0.1	0.0	0.1	0.0	0.0	-	0.2	**93**	125
Slovak Republic	0.2	0.9	0.1	0.1	0.0	0.0	-	-	0.1	**204**	219
Slovenia	0.4	1.0	0.2	0.1	0.0	0.0	0.0	-	0.0	**115**	116
Spain, Albacete	0.1	0.8	0.4	-	-	-	-	-	-	**9**	10
Spain, Asturias	0.2	1.1	0.1	0.0	0.0	0.0	-	-	-	**55**	55
Spain, Basque Country	0.3	1.0	0.2	0.0	-	0.1	-	-	0.0	**91**	94
Spain, Canary Islands	0.4	1.2	0.1	0.0	0.1	0.1	-	-	-	**81**	81
Spain, Cuenca	-	0.6	0.2	-	0.2	0.1	-	-	-	**9**	9
Spain, Girona	0.2	1.6	0.3	0.1	0.1	0.1	-	-	-	**40**	40
Spain, Granada	0.3	0.5	0.1	0.0	-	-	-	-	0.0	**26**	27
Spain, Murcia	0.2	1.0	0.8	0.1	-	-	-	-	-	**68**	68
Spain, Navarra	0.8	1.1	0.0	0.3	0.0	-	-	0.0	0.0	**49**	51
Spain, Tarragona	0.2	1.2	0.1	0.1	-	-	-	-	0.0	**22**	23
Spain, Zaragoza	0.3	0.5	0.2	0.1	0.1	0.0	0.0	-	0.0	**36**	37
Sweden	0.2	0.8	0.1	0.1	0.0	0.0	0.0	-	0.0	**406**	407
Switzerland, Geneva	0.4	1.5	-	-	0.1	0.1	-	-	-	**27**	27
Switzerland, Graubunden and Glarus	0.4	0.1	0.4	0.1	-	-	-	-	-	**7**	7
Switzerland, Neuchatel	0.4	1.7	0.2	-	-	-	-	-	-	**15**	15
Switzerland, St Gall-Appenzell	0.7	1.0	0.1	0.1	-	0.1	-	-	0.0	**37**	38
Switzerland, Ticino	0.5	1.7	0.2	0.1	-	-	-	-	-	**25**	25
Switzerland, Valais	0.3	1.1	0.3	0.1	-	-	-	-	0.1	**16**	17
Switzerland, Vaud	0.1	1.3	0.4	0.0	0.1	0.1	0.0	-	-	**41**	41
The Netherlands	0.2	0.6	0.1	0.1	0.0	0.0	0.0	-	0.0	**521**	524
The Netherlands, Eindhoven	0.3	0.4	0.1	0.1	-	0.1	-	-	0.0	**33**	34
The Netherlands, Maastricht	0.2	0.5	0.1	0.1	-	-	-	-	-	**24**	24
UK, England, East of England Region	0.3	0.4	0.1	0.1	0.0	0.0	0.0	-	-	**87**	95
UK, England, Merseyside and Cheshire	0.3	0.5	0.1	0.0	0.0	0.0	-	-	0.0	**71**	78
UK, England, North Western	0.1	0.4	0.1	0.1	0.0	0.1	0.0	-	0.0	**94**	105
UK, England, Northern And Yorkshire	0.3	0.6	0.1	0.0	0.0	0.0	0.0	-	0.0	**212**	230
UK, England, Oxford Region	0.3	0.4	0.1	0.0	-	0.1	-	-	-	**78**	84
UK, England, South and Western Regions	0.2	0.5	0.1	0.0	0.0	0.0	0.0	-	0.1	**207**	232
UK, England, Thames	0.2	0.5	0.1	0.0	0.0	0.1	0.0	0.0	0.0	**387**	433
UK, England, Trent	0.2	0.5	0.1	0.0	0.0	0.0	-	-	0.0	**145**	153
UK, England, West Midlands	0.3	0.6	0.1	0.0	0.0	0.1	-	-	0.0	**181**	189
UK, Northern Ireland	0.4	0.6	0.0	0.0	-	0.1	-	-	0.2	**66**	72
UK, Scotland	0.3	0.6	0.1	0.1	0.0	0.0	-	0.0	-	**177**	177
Oceania											
Australia, New South Wales	0.4	1.8	0.1	0.0	0.0	0.1	0.0	-	0.0	**493**	506
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-	-	-
Australia, Queensland	0.6	1.8	0.2	0.1	0.0	0.1	-	-	0.0	**291**	304
Australia, South	0.3	1.8	0.1	0.1	0.0	-	-	-	0.0	**112**	112
Australia, Tasmania	0.5	1.4	-	0.3	-	0.1	-	-	0.0	**34**	35
Australia, Victoria	0.3	1.1	0.1	0.1	0.0	0.0	-	-	0.0	**251**	257
Australia, Western	0.3	1.8	0.1	0.0	-	0.0	-	-	0.0	**129**	130
Australian Capital Territory	0.6	1.6	-	-	-	-	-	-	-	**20**	20
French Polynesia	0.9	3.7	-	-	0.2	0.7	-	-	-	**26**	26
New Zealand	0.3	1.1	0.1	0.0	0.0	0.0	-	-	0.0	**177**	181
USA, Hawaii	0.5	2.6	0.2	0.0	0.0	0.0	-	-	0.0	**131**	132
USA, Hawaii: Chinese	-	1.6	-	-	-	-	-	-	-	**5**	5
USA, Hawaii: Filipino	0.5	5.1	-	-	-	-	-	-	0.2	**36**	37
USA, Hawaii: Hawaiian	0.7	3.2	0.5	-	-	-	-	-	-	**23**	23
USA, Hawaii: Japanese	0.4	1.2	0.1	0.0	-	-	-	-	-	**18**	18
USA, Hawaii: White	0.9	2.5	0.2	0.1	0.1	0.0	-	-	-	**40**	40

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Thyroid (C73) - Female

	Carcinoma						Sarcoma	Other	Unspec.	Number of cases	
	Follicular	Papillary	Medular	Anaplastic	Other	Unspec.				MV	Total
Africa											
Algeria, Setif	1.3	1.8	0.1	0.1	-	0.1	-	-	0.1	**87**	88 *
Egypt, Gharbiah	0.4	1.5	0.0	0.4	0.1	-	-	-	0.3	**145**	151
Tunisia, Centre, Sousse	0.6	2.2	0.3	-	-	-	-	-	-	**34**	34 *
Uganda, Kyadondo County	0.5	0.1	-	0.0	0.0	0.5	-	-	0.3	**24**	26 *
Zimbabwe, Harare: African	0.7	0.6	0.0	0.4	-	1.1	0.0	0.0	0.3	**31**	45 *
America, Central and South											
Argentina, Bahia Blanca	0.3	1.0	-	-	0.2	0.2	0.0	-	0.1	**16**	17
Brazil, Brasilia	0.9	7.1	0.1	0.1	0.1	0.3	-	-	1.1	**329**	338
Brazil, Cuiaba	0.7	1.8	-	-	0.2	0.1	-	-	2.0	**31**	43
Brazil, Goiania	1.6	6.2	0.2	0.3	0.2	0.3	-	-	0.5	**197**	208
Brazil, Sao Paulo	1.9	8.5	0.1	0.2	0.2	1.9	0.0	-	2.0	**3798**	4399
Chile, Valdivia	0.2	3.6	0.1	-	-	0.1	0.1	-	0.3	**39**	42
Colombia, Cali	0.5	8.0	0.1	0.3	0.1	0.2	-	-	0.3	**440**	450
Costa Rica	0.5	6.9	0.1	0.1	0.0	0.1	-	-	0.4	**706**	739
Ecuador, Quito	1.0	7.2	0.2	0.3	0.0	0.3	-	-	1.1	**320**	356
France, La Martinique	0.8	3.7	0.3	-	0.5	0.1	-	-	1.2	**65**	80
Peru, Trujillo	0.9	4.2	0.1	0.1	-	0.4	-	-	-	**68**	68 *
America, North											
Canada (excluding Quebec, Yukon and Nunavut)	0.7	7.8	0.2	0.1	0.1	0.1	0.0	0.0	0.5	**6278**	6839
Canada, Alberta	0.8	7.7	0.2	0.1	0.0	0.0	-	0.0	0.0	**801**	802
Canada, British Columbia	0.4	4.8	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**729**	733
Canada, Manitoba	0.6	6.5	0.1	0.1	0.1	0.0	-	-	0.0	**264**	265
Canada, New Brunswick	0.4	6.6	0.2	0.0	-	0.0	-	-	0.0	**177**	178
Canada, Newfoundland and Labrador	0.6	5.0	0.1	0.0	0.1	0.1	-	-	-	**101**	102
Canada, Northwest Territories	-	5.2	-	-	0.7	-	-	-	-	**7**	7
Canada, Nova Scotia	0.4	5.1	0.1	0.1	-	0.1	-	-	0.0	**179**	180
Canada, Ontario	0.8	9.7	0.2	0.1	0.1	0.1	0.0	-	0.9	**3798**	4349
Canada, Prince Edward Island	0.5	3.6	-	-	-	-	-	-	-	**19**	19
Canada, Saskatchewan	0.7	5.8	0.0	0.1	0.0	0.1	-	-	0.0	**203**	204
USA, Alabama	0.7	5.3	0.2	0.0	0.0	0.1	0.0	-	0.1	**891**	898
USA, Alabama: Black	0.9	3.5	0.3	0.0	0.1	0.0	-	-	0.1	**169**	171
USA, Alabama: White	0.6	5.9	0.1	0.0	0.0	0.1	0.0	-	0.0	**699**	704
USA, Alaska	0.7	8.7	0.1	-	0.1	0.2	-	-	0.2	**172**	173
USA, Arizona	0.9	7.8	0.1	0.0	0.0	0.1	-	-	0.0	**1362**	1368
USA, California	0.8	7.3	0.2	0.1	0.1	0.1	0.0	0.0	0.0	**8447**	8487
USA, California, Greater San Francisco Bay Area	0.7	6.7	0.2	0.0	0.1	0.0	0.0	-	0.0	**1568**	1572
USA, California, Greater San Francisco Bay Area: Black	0.4	3.1	0.1	0.1	-	0.1	-	-	-	**57**	57
USA, California, Greater San Francisco Bay Area: Chinese	0.5	7.6	0.2	0.1	0.2	0.1	-	-	-	**134**	135
USA, California, Greater San Francisco Bay Area: Filipino	0.9	7.4	0.1	0.1	0.2	-	-	-	-	**94**	94
USA, California, Greater San Francisco Bay Area: Hispanic White	0.7	6.4	0.1	0.1	-	0.0	-	-	-	**236**	236
USA, California, Greater San Francisco Bay Area: Japanese	1.3	4.4	-	-	0.1	-	-	-	-	**22**	22
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	0.6	6.9	0.2	0.0	0.0	0.0	0.0	-	0.0	**823**	826
USA, California, Los Angeles County	0.7	7.9	0.1	0.1	0.1	0.1	-	0.0	0.0	**2507**	2516
USA, California, Los Angeles County: Black	0.6	3.1	-	0.1	-	0.2	-	-	0.0	**127**	129
USA, California, Los Angeles County: Chinese	0.4	6.1	0.1	0.1	0.2	-	-	-	-	**81**	81
USA, California, Los Angeles County: Filipino	1.0	14.0	0.2	0.4	0.1	-	-	-	-	**155**	155
USA, California, Los Angeles County: Hispanic White	0.6	7.3	0.2	0.0	0.1	0.0	-	0.0	0.0	**801**	802
USA, California, Los Angeles County: Japanese	0.3	6.3	-	0.3	-	-	-	-	-	**33**	33
USA, California, Los Angeles County: Korean	-	8.8	0.1	0.1	-	0.1	-	-	0.1	**58**	59
USA, California, Los Angeles County: Non-Hispanic White	0.9	9.8	0.2	0.1	0.0	0.1	-	-	0.0	**1156**	1160
USA, California: Asian and Pacific Islander	0.8	8.2	0.1	0.1	0.1	0.1	-	-	0.0	**1256**	1264
USA, California: Black	0.7	3.4	0.1	0.1	-	0.1	-	-	0.0	**304**	308
USA, California: Hispanic White	0.7	7.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	**1999**	2002
USA, California: Non-hispanic White	0.8	7.9	0.2	0.0	0.1	0.1	0.0	-	0.0	**4761**	4783
USA, Colorado	0.9	8.4	0.1	0.0	0.0	0.1	0.0	-	0.1	**1248**	1256
USA, Connecticut	1.0	8.7	0.2	0.1	0.1	0.1	-	-	0.1	**1107**	1113
USA, Connecticut: Black	0.9	3.7	-	0.1	-	-	-	-	0.2	**50**	51
USA, Connecticut: White	1.0	9.2	0.2	0.1	0.1	0.1	-	-	0.0	**1002**	1007
USA, District of Columbia	1.3	8.6	0.1	0.1	0.1	0.1	-	-	0.1	**189**	191
USA, District of Columbia: Black	1.3	7.0	0.0	0.1	0.1	0.2	-	-	0.1	**106**	107
USA, District of Columbia: White	0.9	9.0	0.2	-	-	-	-	-	-	**62**	62
USA, Florida	0.9	6.4	0.2	0.1	0.0	0.1	-	-	0.1	**4028**	4052
USA, Florida: Black	0.8	3.6	0.2	0.0	0.0	0.2	-	-	0.0	**342**	345
USA, Florida: White	0.9	6.9	0.2	0.1	0.0	0.1	-	-	0.1	**3562**	3582
USA, Georgia	0.9	5.9	0.1	0.0	0.0	0.1	-	-	0.0	**1765**	1774
USA, Georgia, Atlanta	1.0	6.7	0.2	0.1	0.0	0.1	-	-	0.0	**720**	720
USA, Georgia, Atlanta: Black	0.7	3.7	0.1	0.1	0.0	0.3	-	-	0.0	**157**	157
USA, Georgia, Atlanta: White	1.2	8.4	0.3	0.0	0.0	0.0	-	-	0.0	**525**	525
USA, Georgia: Black	0.7	3.7	0.1	0.1	0.0	0.1	-	-	0.1	**331**	334
USA, Georgia: White	1.0	6.7	0.2	0.0	0.0	0.0	-	-	0.0	**1371**	1377
USA, Idaho	1.1	8.7	0.1	0.1	0.1	-	-	-	-	**366**	367
USA, Illinois	0.8	7.7	0.1	0.0	0.0	0.1	0.0	-	0.0	**3362**	3380
USA, Illinois: Black	0.8	3.6	0.0	0.1	0.0	0.1	-	-	0.1	**273**	277
USA, Illinois: White	0.8	8.3	0.1	0.0	0.1	0.1	0.0	-	0.0	**2894**	2908
USA, Indiana	0.9	6.5	0.2	0.1	0.0	0.0	0.0	-	0.0	**1446**	1451
USA, Iowa	1.0	8.4	0.1	0.1	0.0	0.0	-	-	0.0	**858**	861
USA, Kentucky	0.9	7.0	0.2	0.1	0.1	0.1	-	-	0.0	**1047**	1057
USA, Louisiana	1.2	6.0	0.2	0.1	0.1	0.1	-	0.0	0.1	**1036**	1052
USA, Louisiana, New Orleans: Black	1.6	2.6	0.1	0.2	0.2	-	-	0.1	-	**59**	59
USA, Louisiana, New Orleans: White	1.5	6.7	0.3	0.1	-	0.3	-	-	0.2	**158**	163
USA, Louisiana: Black	1.2	3.4	0.1	0.1	0.0	0.1	-	0.0	-	**206**	209
USA, Louisiana: White	1.2	7.4	0.2	0.1	0.1	0.1	-	-	0.1	**818**	831
USA, Maine	0.8	7.0	0.6	0.1	0.0	0.0	-	-	-	**335**	338
USA, Massachusetts	0.9	9.1	0.2	0.0	0.0	0.1	-	-	0.0	**2123**	2132

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Thyroid (C73) - Female (Contd)

	Carcinoma						Sarcoma	Other	Unspec.	Number of cases	
	Follicular	Papillary	Medular	Anaplastic	Other	Unspec.				MV	Total
America, North (Contd)											
USA, Michigan	0.8	7.5	0.1	0.1	0.1	0.1	0.0	-	0.1	**2665**	2696
USA, Michigan, Detroit	0.9	7.7	0.1	0.1	0.1	0.1	-	-	0.0	**1164**	1171
USA, Michigan, Detroit: Black	1.0	4.2	0.1	0.0	0.1	0.1	-	-	0.1	**177**	180
USA, Michigan, Detroit: White	0.9	9.0	0.2	0.1	0.1	0.1	-	-	0.0	**942**	946
USA, Michigan: Black	0.9	4.2	0.1	0.1	0.1	0.1	-	-	0.1	**237**	242
USA, Michigan: White	0.8	8.0	0.1	0.1	0.1	0.1	0.0	-	0.1	**2322**	2348
USA, Missouri	0.8	7.4	0.2	0.0	0.0	0.0	-	-	0.0	**1492**	1496
USA, Missouri: Black	0.9	3.5	0.1	0.2	0.1	0.0	-	-	-	**93**	93
USA, Missouri: White	0.8	7.9	0.2	0.0	0.0	0.0	-	-	0.0	**1366**	1370
USA, Montana	0.9	10.7	0.2	0.1	0.0	0.0	-	-	-	**318**	321
USA, New Jersey	1.3	9.1	0.2	0.1	0.0	0.1	0.0	0.0	0.1	**2941**	2966
USA, New Jersey: Black	0.9	4.3	0.1	0.0	-	0.0	0.0	0.0	0.1	**211**	213
USA, New Jersey: White	1.4	9.9	0.2	0.1	0.0	0.1	-	0.0	0.1	**2500**	2522
USA, New Mexico	0.9	10.3	0.1	0.1	0.0	0.1	-	-	0.1	**630**	636
USA, New Mexico: American Indian	1.2	7.0	-	-	-	0.2	-	-	-	**40**	40
USA, New Mexico: Hispanic White	0.8	9.5	0.1	0.3	-	0.1	-	-	0.2	**211**	214
USA, New Mexico: Non-Hispanic White	0.9	12.5	0.1	0.0	0.0	0.0	-	-	0.0	**368**	371
USA, New York state	1.1	8.6	0.2	0.1	0.1	0.1	0.0	0.0	0.0	**6142**	6201
USA, New York state: Black	0.9	4.5	0.1	0.2	0.0	0.1	-	0.0	0.0	**556**	564
USA, New York state: White	1.1	9.4	0.2	0.1	0.1	0.1	0.0	0.0	0.0	**5157**	5205
USA, NPCR	0.9	7.4	0.2	0.1	0.1	0.1	0.0	0.0	0.0	**60008**	60456
USA, NPCR: Black	0.9	3.9	0.1	0.1	0.0	0.1	0.0	0.0	0.0	**4202**	4256
USA, NPCR: White	0.9	7.8	0.2	0.1	0.0	0.1	0.0	0.0	0.0	**51480**	51843
USA, Ohio	0.8	6.1	0.2	0.1	0.0	0.1	0.0	-	0.0	**2590**	2605
USA, Ohio: Black	0.9	2.9	0.2	0.1	0.0	0.1	0.0	-	0.0	**168**	170
USA, Ohio: White	0.8	6.3	0.2	0.1	0.0	0.0	-	-	0.0	**2301**	2314
USA, Oklahoma	0.4	5.0	0.1	0.0	0.0	0.0	-	-	0.1	**584**	596
USA, Oregon	0.6	7.1	0.1	0.1	0.1	0.1	-	-	0.0	**845**	848
USA, Pennsylvania	1.4	10.7	0.2	0.1	0.1	0.1	0.0	0.0	0.0	**4873**	4903
USA, Pennsylvania: Black	1.6	7.5	0.2	0.0	0.1	0.1	-	0.0	-	**363**	365
USA, Pennsylvania: White	1.3	10.9	0.1	0.1	0.1	0.1	0.0	-	0.0	**4328**	4355
USA, Rhode Island	0.8	10.3	0.1	0.1	0.0	-	-	-	0.1	**376**	377
USA, SEER (9 registries)	0.9	8.2	0.2	0.1	0.1	0.1	-	-	0.0	**7789**	7819
USA, SEER (9 registries): Black	0.8	4.0	0.1	0.1	0.0	0.2	-	-	0.1	**490**	494
USA, SEER (9 registries): White	0.9	8.7	0.2	0.1	0.0	0.0	-	-	0.0	**6281**	6306
USA, SEER (14 registries)	0.9	7.7	0.2	0.1	0.1	0.1	0.0	0.0	0.0	**20337**	20454
USA, SEER (14 registries): Asian and Pacific Islander	0.8	8.5	0.1	0.1	0.1	0.1	-	-	0.0	**2004**	2014
USA, SEER (14 registries): Black	0.9	3.8	0.1	0.1	0.0	0.1	0.0	0.0	0.1	**1211**	1224
USA, SEER (14 registries): Hispanic White	0.8	7.6	0.2	0.1	0.1	0.1	0.0	0.0	0.0	**2768**	2779
USA, SEER (14 registries): Non-hispanic White	1.0	8.5	0.2	0.1	0.1	0.1	0.0	0.0	0.0	**13969**	14047
USA, South Carolina	0.9	5.4	0.1	0.1	0.0	0.1	-	0.0	0.0	**830**	839
USA, South Carolina: Black	0.9	3.4	-	0.1	-	-	-	-	0.0	**161**	162
USA, South Carolina: White	0.9	6.2	0.2	0.1	0.1	0.1	-	0.0	0.0	**651**	659
USA, Texas	0.9	6.7	0.1	0.1	0.0	0.1	0.0	-	0.1	**4805**	4887
USA, Texas: Black	1.1	3.4	0.1	0.0	0.0	0.1	-	-	0.1	**324**	332
USA, Texas: White	0.9	7.0	0.2	0.1	0.0	0.1	0.0	-	0.1	**4216**	4285
USA, Utah	0.9	10.6	0.1	0.1	0.0	-	-	-	0.0	**690**	691
USA, Vermont	0.7	7.5	0.1	0.0	0.0	0.1	-	-	-	**170**	170
USA, Washington State	0.8	8.7	0.1	0.0	0.1	0.0	-	0.0	0.0	**1754**	1760
USA, Washington, Seattle	0.9	8.5	0.2	0.1	0.1	0.0	-	-	0.0	**1212**	1215
USA, West Virginia	1.1	7.6	0.1	0.1	0.1	0.1	-	-	0.1	**536**	542
USA, Wisconsin	0.9	6.7	0.1	0.0	0.0	0.0	-	-	0.0	**1270**	1288
Asia											
Bahrain: Bahraini	0.9	5.9	-	0.4	0.2	0.3	-	-	-	**57**	57
China, Guangzhou City	0.5	3.3	-	0.0	0.2	0.6	-	0.0	0.2	**265**	295 *
China, Hong Kong	0.9	5.9	0.1	0.1	0.0	0.1	0.0	-	0.1	**1525**	1557
China, Jiashan	-	1.3	-	0.1	-	0.0	0.1	-	-	**19**	20 *
China, Nangang District, Harbin City	-	-	-	-	-	-	-	-	1.2	**29**	33
China, Shanghai	0.0	0.8	0.0	-	0.1	-	-	-	3.8	**950**	1044 *
China, Zhongshan	0.6	1.8	0.1	0.0	0.2	-	-	-	0.4	**104**	105 *
Cyprus	0.5	8.3	0.2	0.1	0.1	-	0.1	-	0.1	**189**	190 *
India, Chennai (Madras)	0.3	1.1	0.1	0.1	0.0	0.1	-	-	0.4	**159**	202
India, Karunagappally	0.4	2.9	0.2	-	-	0.2	-	-	0.2	**42**	44
India, Mumbai (Bombay)	0.4	0.6	0.1	0.0	0.1	0.0	-	-	0.2	**310**	355
India, Nagpur	0.6	0.2	0.0	0.1	0.1	-	-	-	0.1	**40**	42 *
India, New Delhi	0.4	0.8	0.2	0.1	0.1	0.5	-	-	0.7	**439**	579 *
India, Poona	-	-	-	-	-	-	-	-	1.4	**71**	93 *
India, Trivandrum	0.7	4.7	0.1	0.1	-	0.1	-	-	0.1	**195**	196 *
Israel	0.8	10.2	0.3	0.1	0.1	0.1	0.0	-	0.2	**1831**	1948
Israel: Jews	0.8	10.6	0.3	0.1	0.1	0.1	0.0	-	0.2	**1659**	1747
Israel: Non-Jews	1.0	5.5	0.2	-	0.0	0.1	-	-	0.1	**154**	161
Japan, Aichi Prefecture	0.2	4.8	-	0.1	0.1	-	-	-	0.4	**189**	196
Japan, Fukui Prefecture	0.3	5.5	0.0	0.1	0.0	-	-	-	0.2	**211**	221
Japan, Hiroshima	0.4	10.9	0.1	0.1	0.1	0.1	-	-	0.0	**456**	472
Japan, Miyagi Prefecture	0.2	8.6	0.1	0.0	0.0	0.1	-	-	0.2	**802**	819
Japan, Nagasaki Prefecture	1.0	6.1	-	0.0	0.1	0.1	-	-	-	**457**	473
Japan, Osaka Prefecture	0.3	2.2	0.0	0.1	0.1	0.0	0.0	-	0.4	**1029**	1194
Japan, Yamagata Prefecture	0.4	6.9	0.2	0.1	0.0	0.0	-	-	0.4	**373**	393
Korea	0.8	10.6	0.1	0.1	0.1	0.1	0.0	-	0.4	**13311**	13725
Korea, Busan	0.4	7.3	0.1	0.1	0.1	0.1	-	-	0.5	**940**	989
Korea, Daegu	0.7	8.8	0.1	0.1	0.1	0.1	-	-	0.2	**743**	753
Korea, Daejeon	0.3	7.6	0.2	0.2	0.0	-	0.0	-	0.5	**328**	339
Korea, Gwangju	0.6	19.7	0.2	0.1	0.1	0.3	-	-	0.5	**794**	809
Korea, Incheon	1.0	8.1	0.2	0.0	0.1	0.1	-	-	0.8	**668**	715

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Thyroid (C73) - Female (Contd)

	Carcinoma						Sarcoma	Other	Unspec.	Number of cases	
	Follicular	Papillary	Medular	Anaplastic	Other	Unspec.				MV	Total
Asia (Contd)											
Korea, Jejudo	1.1	10.1	0.1	0.2	0.2	0.1	-	-	1.3	**120**	128
Korea, Seoul	1.0	12.1	0.1	0.2	0.1	0.1	-	-	0.5	**4024**	4122
Korea, Ulsan	0.8	10.4	0.3	-	0.2	-	-	-	0.6	**256**	265
Kuwait: Kuwaitis	0.3	6.9	0.1	-	-	-	-	-	0.1	**119**	120
Kuwait: Non-Kuwaitis	0.2	3.9	0.1	-	0.1	0.5	-	-	0.3	**84**	86
Malaysia, Penang	0.9	1.9	0.0	0.2	0.0	0.1	-	-	0.8	**98**	103
Malaysia, Sarawak	0.8	1.4	0.1	0.4	0.1	0.1	-	-	0.3	**129**	138
Oman: Omani	0.9	4.6	0.2	0.1	-	0.0	-	-	0.1	**135**	137 *
Pakistan, South Karachi	0.8	2.0	-	-	-	0.1	-	-	-	**70**	71 *
Philippines, Manila	1.8	7.5	0.1	0.5	0.1	0.5	-	-	0.7	**1125**	1206 *
Singapore	1.2	5.0	0.1	0.1	0.0	0.1	-	-	0.1	**628**	636
Singapore: Chinese	1.1	5.0	0.1	0.1	-	0.1	-	-	0.1	**506**	512
Singapore: Indian	2.6	3.5	0.3	-	0.2	0.2	-	-	0.1	**45**	46
Singapore: Malay	0.9	5.5	-	0.1	-	0.2	-	-	0.1	**77**	78
Thailand, Chiang Mai	1.4	2.2	0.1	0.3	0.1	0.0	0.1	-	0.3	**183**	191 *
Thailand, Lampang	0.8	1.8	0.1	0.3	-	0.1	-	-	0.6	**71**	87 *
Thailand, Songkhla	1.5	4.2	0.0	0.2	0.0	0.0	-	-	0.2	**203**	209
Turkey, Antalya	1.3	2.3	0.2	0.1	0.1	0.0	-	-	0.5	**149**	157 *
Turkey, Izmir	0.7	2.5	0.2	0.1	0.1	0.0	-	-	0.1	**324**	329 *
Europe											
Austria	1.1	4.5	0.4	0.1	0.1	0.2	0.0	-	0.1	**1824**	1880
Austria, Tyrol	2.1	6.3	0.1	0.1	0.0	0.0	0.0	-	0.0	**196**	198
Austria, Vorarlberg	2.2	2.6	0.3	0.1	0.1	-	-	-	0.3	**66**	70
Belarus	0.8	10.7	0.2	0.0	0.2	0.0	-	-	0.3	**3822**	3860 *
Belgium, Antwerp	0.6	1.1	0.1	0.0	0.0	0.1	0.0	-	-	**128**	128 *
Belgium, Flanders	0.7	1.5	0.1	0.1	0.2	0.1	0.0	0.0	0.2	**474**	512
Bulgaria	0.4	1.9	0.1	0.1	0.1	0.0	0.0	-	0.2	**683**	785 *
Croatia	0.8	6.4	0.3	0.1	0.0	0.1	0.0	-	0.5	**1167**	1254
Czech Republic	0.9	3.8	0.2	0.1	0.1	0.0	0.0	-	0.2	**1937**	2012
Denmark	0.5	2.0	0.2	0.1	0.0	0.0	0.0	-	0.0	**512**	524
Estonia	1.3	3.6	0.2	0.1	0.1	0.1	-	-	0.1	**291**	293
Finland *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	0.9	4.3	0.4	0.2	0.1	0.0	0.0	-	-	**197**	198
France, Calvados	0.7	8.8	0.2	0.0	0.1	0.0	-	-	-	**203**	203
France, Doubs	0.7	9.8	0.3	0.2	0.1	0.0	-	-	-	**182**	182
France, Haut-Rhin	0.7	3.9	0.1	0.2	0.2	0.0	0.0	-	-	**118**	119
France, Herault	1.0	5.7	0.3	0.1	0.2	0.0	-	-	0.0	**219**	220
France, Isere	1.3	11.2	0.3	0.1	0.2	-	0.0	-	0.0	**456**	461
France, Loire-Atlantique	0.8	9.2	0.5	0.1	0.2	0.0	-	-	0.0	**404**	405
France, Manche	0.9	6.6	0.4	0.0	-	-	-	-	0.0	**122**	122
France, Somme	1.3	7.1	0.5	0.2	-	0.0	-	0.1	0.1	**162**	165
France, Tarn	1.1	16.4	0.5	0.0	0.1	-	-	-	-	**214**	214
France, Vendee	0.9	15.2	0.6	0.0	0.1	0.1	-	-	0.1	**305**	306
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
Germany, Hamburg	0.3	1.6	0.1	0.1	0.0	0.1	-	-	0.0	**132**	152
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
Germany, Munich	0.9	6.1	0.4	0.1	0.0	-	0.0	-	0.0	**636**	637
Germany, Northrhine-Westphalia: Munster	0.6	2.1	0.1	0.1	0.1	0.2	0.0	-	0.0	**261**	308
Germany, Saarland	0.8	4.0	0.2	0.1	0.1	0.1	0.0	-	0.1	**211**	216
Iceland	1.2	9.2	0.2	0.4	-	-	-	-	-	**91**	91
Ireland	0.5	1.4	0.1	0.1	0.0	0.1	-	-	0.0	**253**	263
Italy, Biella Province	0.5	6.9	0.1	-	-	0.6	-	-	0.0	**50**	51
Italy, Brescia Province	1.5	13.3	0.4	0.1	0.3	0.2	-	-	1.2	**311**	334
Italy, Ferrara Province	0.8	18.5	0.5	0.0	-	0.2	-	-	0.3	**263**	266
Italy, Florence and Prato	1.1	6.4	0.3	0.1	0.1	1.0	-	-	1.7	**385**	451
Italy, Genoa Province	1.1	7.6	0.3	0.1	-	0.1	-	-	0.9	**183**	203
Italy, Macerata Province	1.7	5.0	0.4	0.0	-	-	-	-	0.5	**44**	49
Italy, Milan	0.4	6.0	0.3	0.1	0.2	0.5	-	-	0.8	**309**	341
Italy, Modena Province	0.9	13.6	0.6	0.1	-	0.0	-	-	0.1	**347**	349
Italy, Naples	1.2	6.9	0.4	0.1	0.0	0.3	-	-	0.5	**140**	150
Italy, North East Cancer Surveillance Network	0.9	6.6	0.1	0.1	0.1	0.4	-	-	0.6	**680**	700
Italy, Parma Province	1.2	11.8	0.8	0.1	-	0.2	-	-	0.1	**194**	198
Italy, Ragusa Province	0.6	6.0	0.2	-	-	0.1	-	-	3.1	**94**	97
Italy, Reggio Emilia Province	1.2	13.9	1.0	0.0	-	0.2	-	-	0.2	**256**	259
Italy, Romagna Region	3.2	9.9	0.4	0.1	0.0	0.1	-	-	1.0	**495**	520
Italy, Salerno Province	1.4	8.4	0.2	0.2	-	0.2	-	-	2.0	**281**	341
Italy, Sassari Province	1.5	10.1	0.1	0.1	0.1	-	-	0.0	0.1	**197**	200
Italy, Sondrio	1.3	6.9	-	0.2	0.1	0.1	-	-	0.1	**56**	58
Italy, Syracuse Province	0.8	12.6	-	0.0	0.2	0.1	-	-	0.5	**139**	146
Italy, Torino	1.2	6.5	0.4	0.1	0.3	0.2	-	-	0.0	**304**	306
Italy, Umbria Region	1.1	7.2	0.4	0.1	0.0	0.3	-	-	1.2	**247**	295
Italy, Varese Province	0.7	5.3	0.3	0.1	0.1	0.1	-	-	0.4	**116**	123
Italy, Veneto Region	0.7	6.5	0.2	0.1	0.0	0.1	-	-	0.3	**464**	482
Latvia	1.9	1.5	0.2	0.1	0.0	0.1	-	-	0.5	**366**	412
Lithuania	0.9	4.8	0.2	0.2	0.2	0.1	0.0	-	0.3	**806**	838
Malta	0.7	8.0	0.1	0.2	0.1	0.0	0.1	-	0.0	**111**	112
Norway	0.5	3.3	0.2	0.1	0.0	0.0	0.0	-	0.0	**639**	649
Poland, Cracow	1.9	4.4	0.2	0.0	-	0.6	-	-	0.6	**196**	214 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-	-	**-**	-
Poland, Warsaw City	0.5	3.8	0.0	0.1	0.0	0.1	-	0.0	0.7	**308**	320
Portugal, Porto	0.9	10.9	0.2	0.1	0.1	0.1	0.0	-	0.1	**1223**	1233 *
Portugal, South Regional	0.7	4.7	0.2	0.1	0.1	0.1	-	-	0.2	**542**	564
Russia, St Petersburg	0.8	1.9	0.1	0.1	0.2	0.2	0.0	-	0.3	**647**	714

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Thyroid (C73) - Female (Contd)

	Carcinoma						Sarcoma	Other	Unspec.	Number of cases	
	Follicular	Papillary	Medular	Anaplastic	Other	Unspec.				MV	Total
Europe (Contd)											
Serbia	0.3	0.9	0.1	0.1	0.5	0.1	0.0	-	0.5	**321**	405
Slovak Republic	0.6	3.4	0.2	0.1	0.0	0.0	0.0	0.0	0.1	**768**	802
Slovenia	0.6	3.8	0.2	0.1	0.0	0.1	0.0	0.0	0.0	**341**	342
Spain, Albacete	0.5	3.7	0.3	-	0.1	0.1	-	-	-	**42**	42
Spain, Asturias	1.0	3.2	0.1	0.2	0.1	0.1	-	-	0.0	**193**	197
Spain, Basque Country	0.7	3.1	0.1	0.1	0.0	0.0	-	-	0.0	**235**	239
Spain, Canary Islands	0.8	4.8	0.3	0.1	-	0.2	0.0	-	0.1	**284**	294
Spain, Cuenca	-	3.4	-	0.1	-	-	-	-	-	**20**	20
Spain, Girona	1.1	5.0	0.2	0.1	0.1	-	-	-	0.0	**110**	112
Spain, Granada	1.0	6.1	0.1	0.1	0.1	-	-	-	-	**185**	185
Spain, Murcia	1.1	4.9	1.2	0.1	-	0.0	-	-	0.1	**247**	254
Spain, Navarra	1.7	7.9	0.3	0.0	0.1	0.1	-	-	0.0	**184**	185
Spain, Tarragona	0.9	3.2	0.2	0.1	0.0	0.0	-	-	-	**72**	72
Spain, Zaragoza	0.3	3.1	0.3	0.1	0.1	0.0	-	-	0.1	**118**	123
Sweden	0.5	2.4	0.2	0.1	0.0	0.0	0.0	-	0.0	**1029**	1031
Switzerland, Geneva	0.9	4.9	0.1	0.2	0.3	0.2	-	-	-	**98**	98
Switzerland, Graubunden and Glarus	0.2	1.7	0.3	0.2	-	-	-	-	-	**20**	21
Switzerland, Neuchatel	0.4	4.2	-	0.0	-	-	-	-	-	**26**	26
Switzerland, St Gall-Appenzell	1.6	2.9	-	0.0	0.0	0.1	0.1	0.1	-	**90**	90
Switzerland, Ticino	0.6	4.0	0.1	0.1	-	0.1	-	-	0.0	**54**	55
Switzerland, Valais	1.1	5.2	0.1	0.2	0.1	-	-	-	0.0	**65**	66
Switzerland, Vaud	0.7	3.7	0.3	0.1	0.1	0.0	-	-	0.0	**105**	106
The Netherlands	0.5	1.6	0.1	0.1	0.0	0.0	0.0	0.0	0.0	**1285**	1293
The Netherlands, Eindhoven	0.7	1.9	-	0.0	0.0	0.0	0.0	-	-	**85**	85
The Netherlands, Maastricht	0.5	1.3	0.2	0.2	0.1	0.0	-	-	-	**76**	76
UK, England, East of England Region	0.4	1.5	0.1	0.1	0.0	0.1	-	-	-	**202**	209
UK, England, Merseyside and Cheshire	0.5	1.8	0.1	0.1	0.0	0.1	0.0	-	-	**204**	213
UK, England, North Western	0.5	1.5	0.1	0.0	0.0	0.1	0.0	0.0	0.0	**302**	322
UK, England, Northern And Yorkshire	0.6	1.7	0.1	0.1	0.0	0.1	-	-	0.0	**545**	588
UK, England, Oxford Region	0.9	1.8	0.1	0.0	0.0	0.1	-	-	0.0	**243**	252
UK, England, South and Western Regions	0.6	1.6	0.2	0.1	0.0	0.1	0.0	0.0	0.2	**582**	640
UK, England, Thames	0.4	1.5	0.1	0.0	0.0	0.2	0.0	-	0.0	**1036**	1133
UK, England, Trent	0.5	1.3	0.1	0.1	0.1	0.1	-	-	0.0	**339**	363
UK, England, West Midlands	0.8	1.5	0.1	0.0	0.0	0.2	0.0	-	0.0	**456**	475
UK, Northern Ireland	0.7	1.7	0.1	-	0.0	0.1	-	-	0.4	**139**	160
UK, Scotland	0.7	1.7	0.1	0.1	0.0	0.1	0.0	-	0.0	**472**	485
Oceania											
Australia, New South Wales	1.1	6.4	0.2	0.1	0.0	0.1	0.0	-	0.0	**1590**	1639
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-	-	-	-
Australia, Queensland	1.5	6.0	0.1	0.0	0.1	0.1	-	-	0.0	**832**	857
Australia, South	1.1	5.2	0.1	0.1	0.0	-	-	-	0.0	**308**	310
Australia, Tasmania	0.8	5.6	0.2	0.1	0.0	-	-	-	0.1	**105**	107
Australia, Victoria	1.0	3.5	0.2	0.1	0.0	0.1	-	-	0.1	**730**	750
Australia, Western	0.5	5.1	0.1	0.1	0.0	0.1	-	-	0.0	**332**	334
Australian Capital Territory	0.8	4.4	-	0.0	-	0.1	-	-	-	**50**	52
French Polynesia	3.9	31.5	0.2	0.3	0.6	0.6	-	-	0.2	**179**	180
New Zealand	1.1	3.6	0.2	0.1	0.0	0.0	0.0	0.0	0.1	**592**	598
USA, Hawaii	1.2	10.1	0.1	0.1	0.0	0.0	-	-	-	**430**	430
USA, Hawaii: Chinese	0.8	10.9	-	-	-	-	-	-	-	**38**	38
USA, Hawaii: Filipino	1.5	20.5	0.1	0.3	0.2	-	-	-	-	**138**	138
USA, Hawaii: Hawaiian	1.6	8.6	-	0.2	-	-	-	-	-	**61**	61
USA, Hawaii: Japanese	1.2	5.5	0.1	0.0	-	-	-	-	-	**60**	60
USA, Hawaii: White	1.3	7.1	0.2	-	-	-	-	-	-	**81**	81

*Important. See note on population page.
Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Hodgkin lymphoma - Male

	Nodular lymphocytic	Classical lymphocyte-rich	Nodular sclerosis	Mixed cellularity	Lymphocytic depletion	Unspec.	Number of cases MV	Total
Africa								
Algeria, Setif	-	-	-	0.0	0.0	1.4	**50**	50 *
Egypt, Gharbiah	0.0	0.3	0.6	1.3	0.1	0.2	**180**	180
Tunisia, Centre, Sousse	-	-	1.7	0.7	-	0.5	**31**	31 *
Uganda, Kyadondo County	0.2	-	0.1	0.0	0.4	0.6	**37**	37 *
Zimbabwe, Harare: African	-	-	0.2	0.4	0.1	0.2	**27**	27 *
America, Central and South								
Argentina, Bahia Blanca	-	-	0.5	0.4	-	1.2	**11**	16
Brazil, Brasilia	-	0.1	0.4	0.1	0.1	1.6	**71**	75
Brazil, Cuiaba	-	-	-	0.3	-	2.3	**22**	24
Brazil, Goiania	0.0	0.0	0.3	0.2	-	1.4	**39**	41
Brazil, Sao Paulo	0.0	0.0	0.5	0.2	0.0	1.6	**626**	627
Chile, Valdivia	-	0.3	0.3	0.6	-	1	**19**	19
Colombia, Cali	0.0	0.1	0.6	0.6	0.1	0.4	**77**	79
Costa Rica	0.0	0.1	1.1	0.2	0.1	0.3	**182**	183
Ecuador, Quito	0.1	0.1	0.2	0.3	-	0.7	**43**	43
France, La Martinique	-	-	0.2	-	-	0.6	**9**	9
Peru, Trujillo	-	0.1	0.1	0.1	0.1	0.4	**10**	10 *
America, North								
Canada (excluding Quebec, Yukon and Nunavut)	0.1	0.1	1.7	0.4	0.0	0.5	**1694**	1751
Canada, Alberta	0.2	0.1	1.8	0.4	0.0	0.3	**233**	233
Canada, British Columbia	0.2	0.1	1.5	0.2	0.1	0.4	**284**	285
Canada, Manitoba	0.1	0.1	1.9	0.3	0.0	0.1	**76**	76
Canada, New Brunswick	0.1	0.1	1.7	0.2	-	0.4	**50**	50
Canada, Newfoundland and Labrador	0.1	0.3	0.8	0.6	-	0.1	**27**	27
Canada, Northwest Territories	0.9	-	-	-	-	.	**1**	1
Canada, Nova Scotia	0.2	0.2	1.4	0.7	0.0	0.2	**67**	68
Canada, Ontario	-	0.1	1.8	0.3	0.0	0.6	**877**	932
Canada, Prince Edward Island	0.7	0.6	-	0.7	0.3	.	**8**	8
Canada, Saskatchewan	0.2	0.1	1.5	0.7	-	0.1	**71**	71
USA, Alabama	0.0	0.1	1.3	0.4	0.1	0.3	**272**	273
USA, Alabama: Black	0.1	0.2	1.1	0.4	0.1	0.3	**61**	61
USA, Alabama: White	0.0	0.0	1.4	0.4	0.1	0.4	**208**	209
USA, Alaska	0.2	-	1.1	0.4	-	0.3	**33**	33
USA, Arizona	0.0	0.1	1.2	0.3	0.0	0.5	**300**	305
USA, California	0.1	0.1	1.4	0.4	0.0	0.4	**2259**	2281
USA, California, Greater San Francisco Bay Area	0.1	0.0	1.6	0.3	0.0	0.6	**488**	491
USA, California, Greater San Francisco Bay Area: Black	0.3	-	0.7	0.4	0.1	0.4	**26**	26
USA, California, Greater San Francisco Bay Area: Chinese	-	-	0.8	0.4	-	0.5	**21**	21
USA, California, Greater San Francisco Bay Area: Filipino	-	-	0.9	0.2	-	0.1	**12**	12
USA, California, Greater San Francisco Bay Area: Hispanic White	0.1	0.1	1.2	0.5	-	0.7	**82**	82
USA, California, Greater San Francisco Bay Area: Japanese	-	-	-	-	-	0.7	**1**	1
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	0.2	0.1	2.3	0.3	0.0	0.7	**314**	317
USA, California, Los Angeles County	0.1	0.1	1.3	0.6	0.1	0.4	**622**	627
USA, California, Los Angeles County: Black	0.4	0.1	1.2	0.6	-	0.5	**69**	70
USA, California, Los Angeles County: Chinese	-	-	0.3	0.1	-	0.4	**8**	8
USA, California, Los Angeles County: Filipino	0.1	-	0.4	-	0.1	0.1	**6**	6
USA, California, Los Angeles County: Hispanic White	0.1	0.1	1.0	0.7	0.1	0.3	**211**	213
USA, California, Los Angeles County: Japanese	-	0.4	0.7	-	-	.	**2**	2
USA, California, Los Angeles County: Korean	-	-	0.4	0.2	-	.	**3**	3
USA, California, Los Angeles County: Non-Hispanic White	0.1	0.1	2.1	0.6	0.1	0.5	**306**	308
USA, California: Asian and Pacific Islander	0.0	0.0	0.6	0.2	0.0	0.2	**112**	112
USA, California: Black	0.3	0.1	0.9	0.5	0.1	0.4	**145**	146
USA, California: Hispanic White	0.1	0.1	1.0	0.6	0.1	0.4	**519**	524
USA, California: Non-hispanic White	0.1	0.1	2.0	0.5	0.0	0.5	**1438**	1453
USA, Colorado	0.1	0.1	1.7	0.4	0.0	0.4	**310**	318
USA, Connecticut	0.1	0.1	2.1	0.4	0.0	0.6	**298**	300
USA, Connecticut: Black	0.3	0.2	2.1	0.1	-	0.2	**27**	27
USA, Connecticut: White	0.1	0.1	2.2	0.4	0.0	0.6	**263**	265
USA, District of Columbia	0.0	0.1	1.7	0.3	0.0	0.8	**46**	50
USA, District of Columbia: Black	0.1	0.1	1.1	0.3	0.1	1.1	**25**	26
USA, District of Columbia: White	-	0.2	2.4	0.4	-	0.3	**21**	22
USA, Florida	0.1	0.1	1.4	0.5	0.0	0.6	**1209**	1216
USA, Florida: Black	0.1	0.1	0.8	0.5	0.0	0.5	**117**	118
USA, Florida: White	0.1	0.1	1.5	0.5	0.0	0.6	**1060**	1066
USA, Georgia	0.1	0.1	1.3	0.4	0.0	0.6	**554**	562
USA, Georgia, Atlanta	0.1	0.1	1.5	0.4	0.0	0.6	**219**	223
USA, Georgia, Atlanta: Black	0.2	0.1	1.3	0.4	-	0.6	**71**	71
USA, Georgia, Atlanta: White	0.1	0.1	1.6	0.5	0.0	0.6	**140**	143
USA, Georgia: Black	0.1	0.1	1.2	0.4	0.0	0.7	**146**	148
USA, Georgia: White	0.1	0.1	1.4	0.4	0.0	0.5	**397**	402
USA, Idaho	0.1	0.1	1.5	0.6	0.0	0.4	**91**	93
USA, Illinois	0.1	0.1	1.6	0.5	0.0	0.5	**956**	973
USA, Illinois: Black	0.1	0.1	1.0	0.4	0.0	0.7	**113**	114
USA, Illinois: White	0.1	0.1	1.7	0.5	0.0	0.5	**799**	815
USA, Indiana	0.1	0.1	1.6	0.5	0.0	0.5	**473**	477
USA, Iowa	0.2	0.1	1.6	0.6	0.0	0.3	**215**	216
USA, Kentucky	0.1	0.1	1.9	0.6	0.0	0.5	**333**	342
USA, Louisiana	0.1	0.1	1.2	0.6	0.1	0.4	**288**	290
USA, Louisiana, New Orleans: Black	-	0.2	0.2	0.4	0.1	1.1	**20**	21
USA, Louisiana, New Orleans: White	0.2	-	1.8	0.9	-	0.4	**47**	48
USA, Louisiana: Black	0.1	0.1	0.5	0.6	0.1	0.5	**64**	65
USA, Louisiana: White	0.0	0.2	1.6	0.6	0.0	0.4	**222**	223
USA, Maine	0.2	0.0	2.5	0.7	0.0	0.5	**133**	135
USA, Massachusetts	0.2	0.1	2.0	0.5	0.0	0.6	**564**	576

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Hodgkin lymphoma - Male (Contd)

	Nodular lymphocytic	Classical lymphocyte-rich	Nodular sclerosis	Mixed cellularity	Lymphocytic depletion	Unspec.	Number of cases MV	Total	
America, North (Contd)									
USA, Michigan	0.1	0.1	1.9	0.4	0.0	0.5	**778**	797	
USA, Michigan, Detroit	0.1	0.1	2.2	0.5	-	0.4	**344**	349	
USA, Michigan, Detroit: Black	0.1	0.0	1.5	0.5	-	0.6	**68**	68	
USA, Michigan, Detroit: White	0.2	0.1	2.5	0.4	-	0.4	**271**	276	
USA, Michigan: Black	0.1	0.1	1.4	0.6	-	0.7	**99**	99	
USA, Michigan: White	0.1	0.1	2.0	0.4	0.0	0.5	**663**	682	
USA, Missouri	0.1	0.1	1.6	0.4	0.0	0.5	**413**	419	
USA, Missouri: Black	0.4	0.2	1.2	0.2	-	0.5	**38**	39	
USA, Missouri: White	0.1	0.1	1.7	0.5	0.0	0.5	**371**	376	
USA, Montana	0.3	0.0	1.3	0.6	0.0	0.3	**64**	65	
USA, New Jersey	0.1	0.1	1.9	0.5	0.0	0.5	**716**	729	
USA, New Jersey: Black	0.2	0.1	1.4	0.5	0.1	0.4	**84**	85	
USA, New Jersey: White	0.1	0.1	2.1	0.5	0.0	0.6	**602**	612	
USA, New Mexico	0.0	0.1	1.3	0.3	0.0	0.4	**115**	118	
USA, New Mexico: American Indian	-	-	-	-	-	0.2	**1**	1	
USA, New Mexico: Hispanic White	-	0.1	1.0	0.6	0.0	0.5	**40**	41	
USA, New Mexico: Non-Hispanic White	0.0	0.2	1.9	0.3	-	0.5	**71**	73	
USA, New York state	0.2	0.1	2.0	0.6	0.0	0.6	**1687**	1737	
USA, New York state: Black	0.2	0.1	1.4	0.6	0.0	0.8	**217**	226	
USA, New York state: White	0.1	0.1	2.2	0.6	0.0	0.5	**1428**	1468	
USA, NPCR	0.1	0.1	1.6	0.5	0.0	0.5	**16774**	17078	
USA, NPCR: Black	0.1	0.1	1.1	0.5	0.0	0.6	**1646**	1677	
USA, NPCR: White	0.1	0.1	1.7	0.5	0.0	0.5	**14505**	14764	
USA, Ohio	0.1	0.1	1.7	0.5	0.0	0.5	**874**	893	
USA, Ohio: Black	-	0.2	1.2	0.6	-	0.4	**80**	80	
USA, Ohio: White	0.1	0.1	1.8	0.5	0.0	0.5	**766**	784	
USA, Oklahoma	0.1	0.1	1.3	0.6	0.0	0.6	**261**	267	
USA, Oregon	0.1	0.2	1.7	0.2	0.0	0.5	**254**	255	
USA, Pennsylvania	0.1	0.1	2.1	0.6	0.1	0.5	**1128**	1136	
USA, Pennsylvania: Black	0.1	0.1	1.5	0.7	0.1	0.5	**100**	100	
USA, Pennsylvania: White	0.1	0.1	2.2	0.6	0.0	0.5	**1000**	1007	
USA, Rhode Island	0.2	0.0	1.6	0.7	0.1	0.5	**88**	89	
USA, SEER (9 registries)	0.1	0.1	1.7	0.4	0.0	0.4	**2006**	2023	
USA, SEER (9 registries): Black	0.2	0.1	1.4	0.4	0.0	0.5	**210**	210	
USA, SEER (9 registries): White	0.1	0.1	1.8	0.4	0.0	0.4	**1670**	1686	
USA, SEER (14 registries)	0.1	0.1	1.5	0.5	0.0	0.4	**5302**	5363	
USA, SEER (14 registries): Asian and Pacific Islander	0.0	0.0	0.7	0.3	0.0	0.2	**196**	196	
USA, SEER (14 registries): Black	0.2	0.1	1.1	0.5	0.1	0.5	**512**	515	
USA, SEER (14 registries): Hispanic White	0.1	0.1	1.1	0.6	0.1	0.4	**734**	741	
USA, SEER (14 registries): Non-hispanic White	0.1	0.1	1.9	0.5	0.0	0.4	**3786**	3832	
USA, South Carolina	0.1	0.0	1.0	0.5	0.0	0.4	**224**	233	
USA, South Carolina: Black	0.1	0.1	0.8	0.5	0.0	0.4	**57**	59	
USA, South Carolina: White	0.1	0.0	1.1	0.5	0.0	0.4	**162**	169	
USA, Texas	0.1	0.0	1.3	0.4	0.0	0.6	**1312**	1370	
USA, Texas: Black	0.1	0.0	1.1	0.2	0.0	0.7	**130**	139	
USA, Texas: White	0.1	0.0	1.4	0.5	0.0	0.6	**1145**	1192	
USA, Utah	0.1	0.2	1.4	0.2	0.0	0.2	**127**	127	
USA, Vermont	0.1	0.2	2.0	0.2	0.0	0.7	**53**	54	
USA, Washington State	0.2	0.1	1.6	0.6	0.0	0.4	**473**	477	
USA, Washington, Seattle	0.2	0.1	1.6	0.5	0.0	0.4	**315**	315	
USA, West Virginia	0.1	0.3	1.5	0.5	0.0	0.5	**135**	138	
USA, Wisconsin	0.1	0.2	1.8	0.5	0.0	0.5	**451**	454	
Asia									
Bahrain: Bahraini	0.1	-	0.4	0.3	-	0.9	**16**	18	
China, Guangzhou City	-	0.0	0.0	0.2	0.0	0.3	**34**	34	*
China, Hong Kong	0.0	0.0	0.4	0.2	0.0	0.3	**155**	157	
China, Jiashan	-	-	-	-	-	0.2	**3**	3	*
China, Nangang District, Harbin City	-	-	-	-	-	0.1	**2**	2	
China, Shanghai	-	0.1	0.0	0.0	0.0	0.3	**89**	90	*
China, Zhongshan	-	-	0.0	0.0	-	0.4	**14**	14	*
Cyprus	-	0.1	1.5	0.8	0.1	0.3	**47**	50	*
India, Chennai (Madras)	-	0.0	0.0	0.2	0.0	0.9	**128**	129	
India, Karunagappally	-	-	0.1	0.1	-	0.1	**3**	3	
India, Mumbai (Bombay)	-	0.0	0.0	0.2	-	0.7	**261**	261	
India, Nagpur	-	-	-	0.0	-	0.9	**42**	42	*
India, New Delhi	-	0.0	-	0.1	0.0	1.5	**474**	474	*
India, Poona	-	-	-	-	-	0.8	**66**	67	*
India, Trivandrum	0.0	0.1	0.2	0.3	-	0.1	**19**	19	*
Israel	0.1	0.1	1.9	0.7	0.0	0.9	**547**	565	
Israel: Jews	0.1	0.2	2.0	0.7	0.0	0.8	**457**	470	
Israel: Non-Jews	0.1	-	1.4	0.8	0.1	0.8	**85**	86	
Japan, Aichi Prefecture	-	0.1	0.1	0.1	-	0.1	**13**	13	
Japan, Fukui Prefecture	-	0.0	-	0.0	-	0.5	**13**	13	
Japan, Hiroshima	-	0.1	0.1	0.3	0.0	0.1	**14**	16	
Japan, Miyagi Prefecture	0.0	0.1	0.1	0.1	0.0	0.2	**37**	41	
Japan, Nagasaki Prefecture	-	0.0	0.1	0.0	-	0.3	**19**	19	
Japan, Osaka Prefecture	-	0.0	0.1	0.1	0.0	0.2	**109**	109	
Japan, Yamagata Prefecture	0.0	-	0.0	-	-	0.2	**12**	12	
Korea	0.0	0.0	0.1	0.1	0.0	0.1	**346**	346	
Korea, Busan	0.0	0.0	0.0	0.1	0.0	0.1	**31**	31	
Korea, Daegu	-	-	0.0	0.1	-	0.2	**20**	20	
Korea, Daejeon	-	0.0	0.1	0.2	-	0.1	**15**	15	
Korea, Gwangju	-	-	0.0	0.1	-	0.3	**13**	13	
Korea, Incheon	0.0	-	0.1	0.2	0.0	0.1	**22**	22	

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Hodgkin lymphoma - Male (Contd)

	Nodular lymphocytic	Classical lymphocyte-rich	Nodular sclerosis	Mixed cellularity	Lymphocytic depletion	Unspec.	Number of cases MV	Total
Asia (Contd)								
Korea, Jejudo	-	-	-	0.1	-	0.1	**2**	2
Korea, Seoul	-	0.0	0.1	0.1	-	0.2	**111**	111
Korea, Ulsan	-	0.0	-	0.2	-	0.1	**5**	5
Kuwait: Kuwaitis	0.2	0.3	1.3	1.0	0.0	0.3	**53**	54
Kuwait: Non-Kuwaitis	0.0	0.2	0.7	0.4	0.1	0.8	**57**	58
Malaysia, Penang	-	-	0.1	0.0	0.0	0.3	**13**	13
Malaysia, Sarawak	-	-	0.0	0.0	-	0.6	**29**	29
Oman: Omani	0.1	-	1.1	0.5	0.2	1	**78**	78 *
Pakistan, South Karachi	-	0.0	0.5	0.4	-	1	**81**	81 *
Philippines, Manila	0.0	0.0	0.3	0.0	-	0.3	**60**	62 *
Singapore	0.0	0.0	0.6	0.1	0.0	0.1	**69**	69
Singapore: Chinese	0.0	0.1	0.5	0.1	0.0	0.1	**51**	51
Singapore: Indian	-	-	0.9	-	-	.	**5**	5
Singapore: Malay	0.1	-	0.9	-	-	0.3	**13**	13
Thailand, Chiang Mai	-	0.0	0.2	0.3	0.0	0.3	**35**	35 *
Thailand, Lampang	-	-	-	-	0.0	0.1	**3**	3 *
Thailand, Songkhla	0.1	0.0	0.2	0.0	-	0.1	**16**	16
Turkey, Antalya	0.0	0.2	0.4	0.4	0.0	0.4	**51**	54 *
Turkey, Izmir	0.0	0.1	0.6	0.5	0.1	0.2	**124**	130 *
Europe								
Austria	0.0	0.1	0.7	0.3	0.0	0.9	**428**	440
Austria, Tyrol	-	0.0	1.0	0.4	-	0.3	**29**	29
Austria, Vorarlberg	-	0.3	0.6	0.7	0.1	0.5	**19**	19
Belarus	0.0	0.3	1.0	0.7	0.2	0.3	**655**	665 *
Belgium, Antwerp	0.1	0.1	1.6	0.2	0.0	0.2	**100**	100 *
Belgium, Flanders	0.1	0.0	1.3	0.4	0.0	0.6	**323**	323
Bulgaria	-	0.2	0.7	0.8	0.1	0.7	**564**	564 *
Croatia	-	0.2	0.1	0.1	-	2.1	**306**	308
Czech Republic	0.1	0.2	0.9	0.7	0.0	0.5	**662**	682
Denmark	-	0.2	1.4	0.4	0.0	0.4	**344**	355
Estonia	0.0	0.1	1.2	0.4	0.1	0.1	**66**	66
Finland *(data not available)*	-	-	-	-	-	-	**-**	-
France, Bas-Rhin	0.0	0.1	1.3	0.6	-	0.2	**63**	63
France, Calvados	0.2	0.2	1.5	0.3	0.2	0.1	**43**	43
France, Doubs	0.1	0.4	1.4	0.1	-	0.5	**34**	34
France, Haut-Rhin	0.1	-	0.9	0.4	-	0.6	**37**	38
France, Herault	0.1	0.1	1.2	0.5	0.1	0.4	**60**	60
France, Isere	0.1	0.0	1.6	0.3	0.1	0.6	**81**	84
France, Loire-Atlantique	0.3	-	1.4	0.3	0.0	0.8	**90**	90
France, Manche	0.3	0.1	1.6	0.3	-	0.3	**36**	36
France, Somme	0.2	-	1.4	-	-	0.5	**33**	33
France, Tarn	0.1	0.3	1.7	0.5	0.1	0.1	**26**	26
France, Vendee	0.5	0.1	0.8	0.3	0.1	0.5	**34**	34
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	**-**	-
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	**-**	-
Germany, Hamburg	0.1	0.1	0.4	0.6	-	0.9	**86**	102
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	**-**	-
Germany, Munich	0.1	0.2	1.2	0.6	0.0	0.3	**147**	153
Germany, Northrhine-Westphalia: Munster	0.0	0.2	0.8	0.6	0.0	0.6	**164**	168
Germany, Saarland	0.1	0.3	0.5	0.9	0.1	0.1	**67**	68
Iceland	-	0.1	2.4	0.3	0.1	0.4	**26**	26
Ireland	0.1	0.1	1.1	0.4	0.1	0.5	**237**	239
Italy, Biella Province	-	0.8	4.2	0.9	-	1	**34**	34
Italy, Brescia Province	0.4	0.2	1.3	0.5	-	1.1	**55**	56
Italy, Ferrara Province	0.1	0.1	1.7	0.5	0.0	0.2	**27**	27
Italy, Florence and Prato	-	0.1	2.0	0.3	-	1.1	**100**	106
Italy, Genoa Province	0.1	0.1	1.9	0.4	-	0.4	**39**	40
Italy, Macerata Province	-	-	1.9	0.1	0.1	0.6	**14**	14
Italy, Milan	0.2	0.1	1.9	1.4	0.0	0.5	**115**	115
Italy, Modena Province	0.1	0.3	2.0	1.0	0.1	0.2	**54**	54
Italy, Naples	0.2	0.1	1.1	1.2	0.2	0.6	**48**	48
Italy, North East Cancer Surveillance Network	0.0	0.2	1.1	0.5	0.0	1.3	**180**	181
Italy, Parma Province	0.1	0.1	1.4	0.3	-	0.5	**29**	29
Italy, Ragusa Province	-	0.4	2.0	0.3	0.1	0.3	**24**	24
Italy, Reggio Emilia Province	-	-	1.3	0.5	-	1.8	**46**	46
Italy, Romagna Region	0.3	0.1	1.7	0.4	-	0.4	**76**	77
Italy, Salerno Province	0.1	0.2	1.1	0.7	0.1	0.9	**73**	74
Italy, Sassari Province	0.4	0.4	1.9	1.3	0.2	0.1	**49**	49
Italy, Sondrio	-	-	-	0.9	0.2	0.6	**9**	9
Italy, Syracuse Province	0.2	0.2	1.6	0.6	0.3	0.1	**27**	27
Italy, Torino	0.2	0.1	1.5	0.8	0.1	0.8	**78**	78
Italy, Umbria Region	-	0.5	1.0	1.3	0.0	0.8	**71**	81
Italy, Varese Province	-	0.2	1.1	0.8	0.2	0.8	**45**	46
Italy, Veneto Region	0.1	0.2	1.8	0.4	0.0	1.7	**172**	175
Latvia	0.0	0.2	0.8	0.3	0.0	0.7	**118**	122
Lithuania	0.0	0.2	0.7	0.4	0.0	0.9	**194**	194
Malta	-	0.2	2.0	0.9	0.2	0.2	**35**	35
Norway	0.3	0.2	1.3	0.3	0.0	0.3	**285**	285
Poland, Cracow	-	0.1	0.3	0.1	0.0	1.8	**46**	49 *
Poland, Kielce *(data not available)*	-	-	-	-	-	-	-	-
Poland, Warsaw City	-	0.2	1.5	0.3	0.0	0.3	**100**	100
Portugal, Porto	0.1	0.1	1.0	0.2	0.0	0.8	**179**	179 *
Portugal, South Regional	0.0	0.1	1.4	0.4	0.0	0.9	**205**	205
Russia, St Petersburg	0.0	0.1	1.1	0.5	0.0	0.7	**270**	276

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type

Hodgkin lymphoma - Male (Contd)

	Nodular lymphocytic	Classical lymphocyte-rich	Nodular sclerosis	Mixed cellularity	Lymphocytic depletion	Unspec.	Number of cases MV	Total
Europe (Contd)								
Serbia	0.0	0.1	0.7	0.3	0.1	1.9	**383**	403
Slovak Republic	0.1	0.1	0.9	0.5	0.1	0.3	**272**	285
Slovenia	0.1	0.0	0.8	0.7	0.1	0.2	**96**	96
Spain, Albacete	-	0.2	1.0	0.3	-	0.4	**17**	17
Spain, Asturias	0.1	0.1	0.9	0.2	0.0	1	**76**	76
Spain, Basque Country	0.2	0.3	1.8	1.1	0.1	0.3	**177**	177
Spain, Canary Islands	-	0.2	0.9	0.4	0.1	0.3	**79**	79
Spain, Cuenca	0.3	0.2	0.7	0.1	0.2	.	**9**	9
Spain, Girona	0.3	0.2	1.6	0.5	-	0.2	**44**	45
Spain, Granada	0.1	0.1	1.2	0.4	0.0	0.3	**46**	46
Spain, Murcia	0.2	0.1	0.9	0.8	0.1	0.5	**84**	84
Spain, Navarra	0.5	-	0.8	1.2	0.1	0.1	**40**	40
Spain, Tarragona	-	0.2	0.8	0.1	-	1.6	**39**	39
Spain, Zaragoza	0.1	0.2	1.3	0.5	0.0	0.5	**64**	64
Sweden	-	0.2	1.0	0.4	0.0	0.4	**471**	471
Switzerland, Geneva	0.1	-	1.6	1.0	-	0.5	**33**	33
Switzerland, Graubunden and Glarus	0.4	0.6	1.2	0.8	-	0.2	**19**	19
Switzerland, Neuchatel	-	-	2.9	0.2	0.2	0.4	**14**	14
Switzerland, St Gall-Appenzell	0.0	0.1	1.5	0.2	-	0.5	**38**	38
Switzerland, Ticino	0.1	0.1	1.4	1.0	-	1.3	**34**	34
Switzerland, Valais	-	0.1	1.7	0.6	-	0.2	**21**	21
Switzerland, Vaud	-	0.1	1.6	0.4	-	0.3	**44**	44
The Netherlands	0.1	0.1	1.7	0.3	0.0	0.3	**1076**	1076
The Netherlands, Eindhoven	0.1	0.1	1.7	0.3	0.1	0.3	**74**	74
The Netherlands, Maastricht	-	0.1	1.5	0.2	0.0	0.4	**55**	55
UK, England, East of England Region	0.1	0.2	2.0	0.6	0.0	0.4	**235**	235
UK, England, Merseyside and Cheshire	0.0	0.1	0.9	0.2	0.0	0.8	**127**	135
UK, England, North Western	0.2	0.1	1.7	0.4	0.0	0.4	**312**	319
UK, England, Northern And Yorkshire	0.2	0.1	1.8	0.5	0.0	0.2	**497**	505
UK, England, Oxford Region	0.2	0.2	1.6	0.5	-	0.3	**207**	207
UK, England, South and Western Regions	0.1	0.1	1.3	0.5	0.0	0.6	**396**	472
UK, England, Thames	0.0	0.1	1.3	0.4	0.0	0.9	**959**	1049
UK, England, Trent	0.0	0.2	1.3	0.5	0.0	0.5	**310**	318
UK, England, West Midlands	0.1	0.2	1.4	0.5	0.0	0.3	**344**	351
UK, Northern Ireland	-	-	0.8	0.3	-	1	**83**	97
UK, Scotland	0.1	0.2	1.3	0.5	0.0	0.4	**330**	333
Oceania								
Australia, New South Wales	0.1	0.1	1.2	0.4	0.1	0.5	**412**	422
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-
Australia, Queensland	0.2	0.1	1.1	0.2	0.0	0.3	**175**	183
Australia, South	-	0.2	1.2	0.7	0.0	0.2	**92**	94
Australia, Tasmania	-	0.1	1.2	0.8	-	0.1	**29**	29
Australia, Victoria	0.2	0.1	1.5	0.4	0.0	0.3	**319**	321
Australia, Western	0.2	0.1	0.9	0.5	0.0	0.3	**101**	102
Australian Capital Territory	0.1	-	1.2	-	-	0.4	**14**	15
French Polynesia	-	-	0.2	0.4	-	0.8	**8**	8
New Zealand	0.2	0.2	0.9	0.4	0.0	0.4	**201**	203
USA, Hawaii	0.0	0.1	0.9	0.6	-	0.2	**63**	63
USA, Hawaii: Chinese	-	-	0.4	0.6	-	0.4	**3**	3
USA, Hawaii: Filipino	-	-	0.7	0.8	-	0.1	**10**	10
USA, Hawaii: Hawaiian	-	-	0.8	0.7	-	0.2	**10**	10
USA, Hawaii: Japanese	-	-	1.3	0.1	-	0.4	**9**	9
USA, Hawaii: White	0.1	0.2	1.0	0.6	-	0.1	**21**	21

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Hodgkin lymphoma - Female

	Nodular lymphocytic	Classical lymphocyte-rich	Nodular sclerosis	Mixed cellularity	Lymphocytic depletion	Unspec.	Number of cases MV	Total
Africa								
Algeria, Setif	-	0.0	-	-	-	1.2	**45**	46 *
Egypt, Gharbiah	0.0	0.1	0.4	0.5	0.0	0.1	**83**	83
Tunisia, Centre, Sousse	-	-	0.9	0.3	-	0.1	**18**	18 *
Uganda, Kyadondo County	0.1	0.2	0.1	0.1	0.3	0.8	**23**	24 *
Zimbabwe, Harare: African	-	-	0.2	0.1	0.1	0	**15**	16 *
America, Central and South								
Argentina, Bahia Blanca	-	0.1	0.1	0.4	-	1.5	**15**	20
Brazil, Brasilia	-	0.0	0.3	0.2	-	1	**55**	58
Brazil, Cuiaba	-	-	0.2	-	-	1.3	**13**	14
Brazil, Goiania	0.1	-	0.2	0.2	-	1.1	**35**	37
Brazil, Sao Paulo	0.0	0.0	0.4	0.1	0.0	1.2	**544**	544
Chile, Valdivia	-	-	0.2	0.2	0.1	0.3	**8**	8
Colombia, Cali	-	0.1	0.6	0.3	0.1	0.3	**66**	69
Costa Rica	0.0	0.0	1.1	0.2	0.0	0.2	**153**	154
Ecuador, Quito	-	0.1	0.2	0.2	-	0.4	**29**	29
France, La Martinique	-	-	0.3	-	-	0.5	**8**	8
Peru, Trujillo	-	0.1	-	0.2	-	0.2	**8**	8 *
America, North								
Canada (excluding Quebec, Yukon and Nunavut)	0.0	0.0	1.6	0.2	0.0	0.3	**1352**	1410
Canada, Alberta	0.1	0.0	1.8	0.2	0.0	0.2	**180**	181
Canada, British Columbia	0.1	0.0	1.3	0.1	0.0	0.2	**193**	194
Canada, Manitoba	0.0	0.0	1.4	0.2	-	0.1	**54**	54
Canada, New Brunswick	0.1	0.0	1.8	0.1	-	0.2	**46**	46
Canada, Newfoundland and Labrador	0.1	0.1	1.0	0.1	-	0.1	**18**	18
Canada, Northwest Territories	-	-	-	-	-	.	**0**	0
Canada, Nova Scotia	0.1	-	1.8	0.3	0.0	0.2	**59**	59
Canada, Ontario	0.0	0.0	1.7	0.2	0.0	0.4	**724**	780
Canada, Prince Edward Island	-	-	2.4	0.3	-	.	**10**	10
Canada, Saskatchewan	0.0	0.0	2.0	0.3	0.0	0	**68**	68
USA, Alabama	0.0	0.0	1.2	0.2	0.0	0.3	**216**	223
USA, Alabama: Black	0.1	0.1	0.9	0.2	-	0.2	**46**	46
USA, Alabama: White	0.0	0.0	1.4	0.2	0.0	0.3	**166**	173
USA, Alaska	-	-	1.5	0.2	-	0.1	**27**	27
USA, Arizona	0.0	0.0	1.1	0.1	0.0	0.3	**228**	235
USA, California	0.0	0.0	1.4	0.2	0.0	0.2	**1773**	1789
USA, California, Greater San Francisco Bay Area	0.0	0.0	1.5	0.2	0.0	0.2	**358**	361
USA, California, Greater San Francisco Bay Area: Black	0.1	0.1	1.0	0.1	-	0.2	**19**	19
USA, California, Greater San Francisco Bay Area: Chinese	0.1	0.1	0.5	0.1	-	0	**13**	13
USA, California, Greater San Francisco Bay Area: Filipino	-	0.1	1.4	-	-	0.2	**15**	15
USA, California, Greater San Francisco Bay Area: Hispanic White	0.0	0.0	1.3	0.2	-	0.2	**54**	55
USA, California, Greater San Francisco Bay Area: Japanese	-	-	0.9	-	-	.	**2**	2
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	0.0	0.0	2.1	0.2	0.0	0.3	**231**	233
USA, California, Los Angeles County	0.1	0.0	1.3	0.3	0.0	0.2	**505**	505
USA, California, Los Angeles County: Black	0.2	0.1	1.1	0.2	0.0	0.1	**51**	51
USA, California, Los Angeles County: Chinese	-	-	-	0.0	-	0.1	**2**	2
USA, California, Los Angeles County: Filipino	-	-	1.5	0.1	-	0.3	**17**	17
USA, California, Los Angeles County: Hispanic White	-	0.0	1.0	0.3	0.0	0.2	**153**	153
USA, California, Los Angeles County: Japanese	-	-	0.6	-	-	.	**2**	2
USA, California, Los Angeles County: Korean	-	-	0.3	-	-	.	**2**	2
USA, California, Los Angeles County: Non-Hispanic White	0.1	0.0	2.4	0.4	0.0	0.3	**273**	273
USA, California: Asian and Pacific Islander	0.0	0.0	0.7	0.1	-	0.1	**110**	110
USA, California: Black	0.1	0.1	0.9	0.2	0.0	0.2	**102**	102
USA, California: Hispanic White	0.0	0.0	1.1	0.2	0.0	0.2	**387**	389
USA, California: Non-hispanic White	0.0	0.0	2.0	0.2	0.0	0.3	**1150**	1164
USA, Colorado	0.0	0.1	1.6	0.1	0.0	0.3	**235**	240
USA, Connecticut	0.1	0.1	2.3	0.2	0.0	0.5	**285**	285
USA, Connecticut: Black	0.1	0.1	1.6	0.3	-	0.3	**26**	26
USA, Connecticut: White	0.1	0.0	2.4	0.2	0.0	0.5	**252**	252
USA, District of Columbia	-	0.1	1.0	0.2	-	0.8	**34**	35
USA, District of Columbia: Black	-	0.1	0.7	0.3	-	0.8	**18**	19
USA, District of Columbia: White	-	-	1.5	-	-	0.3	**13**	13
USA, Florida	0.0	0.0	1.5	0.2	0.0	0.4	**977**	985
USA, Florida: Black	0.0	0.1	0.9	0.2	0.0	0.3	**103**	103
USA, Florida: White	0.0	0.0	1.6	0.2	0.0	0.4	**856**	864
USA, Georgia	0.1	0.0	1.3	0.2	0.0	0.3	**450**	454
USA, Georgia, Atlanta	0.0	0.1	1.5	0.2	0.0	0.4	**183**	184
USA, Georgia, Atlanta: Black	0.1	0.0	1.3	0.1	0.1	0.2	**57**	57
USA, Georgia, Atlanta: White	-	0.1	1.8	0.2	0.0	0.5	**122**	123
USA, Georgia: Black	0.1	0.1	1.1	0.2	0.0	0.3	**121**	121
USA, Georgia: White	0.0	0.0	1.5	0.2	0.0	0.4	**325**	329
USA, Idaho	-	-	2.0	0.2	0.0	0.2	**88**	89
USA, Illinois	0.0	0.0	1.7	0.2	0.0	0.3	**757**	766
USA, Illinois: Black	0.1	0.0	1.2	0.1	-	0.4	**92**	94
USA, Illinois: White	0.0	0.0	1.8	0.2	0.0	0.3	**633**	640
USA, Indiana	0.1	0.0	1.7	0.2	0.0	0.4	**395**	402
USA, Iowa	0.1	0.0	2.0	0.3	0.0	0.1	**202**	203
USA, Kentucky	0.0	0.0	1.5	0.4	0.0	0.4	**271**	274
USA, Louisiana	0.0	0.1	1.5	0.4	0.0	0.2	**282**	284
USA, Louisiana, New Orleans: Black	0.1	-	0.9	0.5	-	0.3	**23**	23
USA, Louisiana, New Orleans: White	-	0.1	2.0	0.4	0.1	0.4	**41**	41
USA, Louisiana: Black	0.0	0.1	0.9	0.3	0.0	0.2	**66**	66
USA, Louisiana: White	0.0	0.0	1.8	0.4	0.0	0.3	**214**	216
USA, Maine	0.0	0.1	1.9	0.1	-	0.2	**76**	80
USA, Massachusetts	0.0	0.1	2.1	0.2	0.0	0.3	**500**	505

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Hodgkin lymphoma - Female (Contd)

	Nodular lymphocytic	Classical lymphocyte-rich	Nodular sclerosis	Mixed cellularity	Lymphocytic depletion	Unspec.	Number of cases MV	Total	
America, North (Contd)									
USA, Michigan	0.1	0.0	1.8	0.2	0.0	0.4	**656**	672	
USA, Michigan, Detroit	0.1	0.1	2.2	0.2	-	0.3	**306**	310	
USA, Michigan, Detroit: Black	0.1	0.1	1.6	0.1	-	0.2	**67**	67	
USA, Michigan, Detroit: White	0.0	0.0	2.4	0.2	-	0.3	**235**	239	
USA, Michigan: Black	0.1	0.1	1.4	0.1	-	0.3	**82**	84	
USA, Michigan: White	0.0	0.0	1.9	0.2	0.0	0.4	**561**	575	
USA, Missouri	0.0	0.0	1.7	0.2	0.0	0.2	**322**	324	
USA, Missouri: Black	0.1	0.1	0.8	0.2	-	0.3	**26**	26	
USA, Missouri: White	0.0	0.0	1.8	0.2	0.0	0.2	**294**	296	
USA, Montana	0.1	0.0	2.0	0.3	-	0.3	**63**	66	
USA, New Jersey	0.1	0.1	2.1	0.3	0.0	0.3	**685**	689	
USA, New Jersey: Black	0.2	0.1	1.2	0.3	0.0	0.3	**77**	77	
USA, New Jersey: White	0.0	0.1	2.5	0.3	0.0	0.4	**596**	600	
USA, New Mexico	-	0.0	1.2	0.1	0.0	0.2	**75**	76	
USA, New Mexico: American Indian	-	-	0.3	-	-	.	**2**	2	
USA, New Mexico: Hispanic White	-	-	0.9	0.1	0.1	0.2	**22**	23	
USA, New Mexico: Non-Hispanic White	-	0.0	1.9	0.2	-	0.3	**51**	51	
USA, New York state	0.1	0.1	1.9	0.3	0.0	0.4	**1451**	1490	
USA, New York state: Black	0.1	0.0	1.1	0.2	0.0	0.3	**151**	155	
USA, New York state: White	0.0	0.1	2.2	0.3	0.0	0.4	**1263**	1297	
USA, NPCR	0.0	0.0	1.6	0.2	0.0	0.3	**13794**	14009	
USA, NPCR: Black	0.1	0.1	1.0	0.2	0.0	0.3	**1338**	1349	
USA, NPCR: White	0.0	0.0	1.7	0.2	0.0	0.3	**11955**	12155	
USA, Ohio	0.0	0.1	1.7	0.2	0.0	0.3	**741**	748	
USA, Ohio: Black	0.1	0.1	1.1	0.4	-	0.2	**68**	68	
USA, Ohio: White	0.0	0.1	1.8	0.2	0.0	0.3	**651**	658	
USA, Oklahoma	0.0	0.0	1.2	0.3	0.0	0.4	**188**	192	
USA, Oregon	0.0	0.1	1.6	0.2	0.0	0.2	**197**	200	
USA, Pennsylvania	0.1	0.1	2.0	0.3	0.0	0.3	**949**	952	
USA, Pennsylvania: Black	0.2	0.2	1.5	0.2	-	0.1	**72**	72	
USA, Pennsylvania: White	0.1	0.1	2.1	0.3	0.0	0.3	**862**	865	
USA, Rhode Island	0.0	0.1	1.6	0.5	-	0.4	**78**	78	
USA, SEER (9 registries)	0.1	0.0	1.7	0.2	0.0	0.3	**1685**	1696	
USA, SEER (9 registries): Black	0.1	0.1	1.4	0.1	0.0	0.2	**181**	181	
USA, SEER (9 registries): White	0.0	0.0	2.0	0.2	0.0	0.3	**1409**	1420	
USA, SEER (14 registries)	0.0	0.0	1.6	0.2	0.0	0.3	**4481**	4515	
USA, SEER (14 registries): Asian and Pacific Islander	0.0	0.0	0.6	0.1	0.0	0.1	**160**	160	
USA, SEER (14 registries): Black	0.1	0.1	1.1	0.2	0.0	0.2	**424**	424	
USA, SEER (14 registries): Hispanic White	0.0	0.0	1.1	0.2	0.0	0.2	**529**	533	
USA, SEER (14 registries): Non-hispanic White	0.0	0.0	2.1	0.3	0.0	0.3	**3316**	3346	
USA, South Carolina	0.1	0.1	1.2	0.2	0.0	0.4	**213**	219	
USA, South Carolina: Black	0.1	0.1	0.7	0.3	0.0	0.4	**56**	56	
USA, South Carolina: White	0.0	0.0	1.4	0.2	0.0	0.4	**153**	159	
USA, Texas	0.0	0.0	1.2	0.1	0.0	0.4	**987**	1032	
USA, Texas: Black	0.1	0.0	1.0	0.1	-	0.5	**123**	126	
USA, Texas: White	0.0	0.0	1.2	0.1	0.0	0.3	**838**	879	
USA, Utah	0.0	0.0	1.5	0.1	-	0.2	**112**	112	
USA, Vermont	0.0	0.1	2.8	0.0	0.0	0.5	**55**	55	
USA, Washington State	0.1	0.1	1.9	0.2	0.0	0.2	**385**	388	
USA, Washington, Seattle	0.1	0.0	1.9	0.2	-	0.3	**266**	268	
USA, West Virginia	0.0	0.1	1.3	0.2	0.0	0.4	**116**	116	
USA, Wisconsin	0.0	0.1	2.0	0.2	0.0	0.3	**374**	379	
Asia									
Bahrain: Bahraini	-	-	0.8	0.4	-	0.6	**15**	15	
China, Guangzhou City	-	0.1	0.1	0.0	0.0	0.2	**21**	23	*
China, Hong Kong	0.0	0.0	0.3	0.1	-	0.1	**98**	101	
China, Jiashan	-	-	-	-	-	0.8	**4**	4	*
China, Nangang District, Harbin City	-	-	-	-	-	0.1	**2**	2	
China, Shanghai	-	0.0	0.0	0.0	-	0.2	**44**	44	*
China, Zhongshan	-	-	-	-	-	0.2	**8**	8	*
Cyprus	-	0.1	2.5	0.5	-	0.5	**62**	63	*
India, Chennai (Madras)	-	-	0.1	0.1	0.0	0.4	**58**	59	
India, Karunagappally	-	-	0.1	-	-	.	**1**	1	
India, Mumbai (Bombay)	0.0	0.0	0.0	0.1	0.0	0.4	**118**	118	
India, Nagpur	-	-	-	-	-	0.3	**15**	15	*
India, New Delhi	-	-	-	0.0	-	0.8	**176**	176	*
India, Poona	-	-	-	-	-	0.5	**37**	37	*
India, Trivandrum	-	0.0	0.2	0.1	0.0	0.1	**15**	15	*
Israel	0.0	0.0	2.1	0.5	0.0	0.8	**511**	540	
Israel: Jews	0.0	0.0	2.2	0.4	0.0	0.8	**439**	461	
Israel: Non-Jews	-	0.0	1.7	0.6	-	0.4	**68**	69	
Japan, Aichi Prefecture	-	-	0.1	0.1	-	0.2	**8**	8	
Japan, Fukui Prefecture	-	0.0	-	0.0	-	0.2	**6**	6	
Japan, Hiroshima	-	0.1	0.1	0.1	-	0	**10**	10	
Japan, Miyagi Prefecture	-	0.0	0.1	0.0	-	0.2	**24**	27	
Japan, Nagasaki Prefecture	-	-	-	0.1	0.0	0.1	**12**	12	
Japan, Osaka Prefecture	0.0	0.0	0.0	0.0	0.0	0.1	**54**	54	
Japan, Yamagata Prefecture	-	-	0.1	-	-	0.1	**7**	7	
Korea	0.0	0.0	0.1	0.0	0.0	0.1	**187**	191	
Korea, Busan	0.0	0.0	0.1	0.0	0.0	0.1	**21**	22	
Korea, Daegu	-	-	0.1	0.0	-	0.1	**13**	13	
Korea, Daejeon	-	0.0	0.0	0.1	-	0.1	**6**	6	
Korea, Gwangju	-	-	0.0	0.1	-	0.1	**7**	7	
Korea, Incheon	-	-	0.0	0.0	-	0.1	**7**	8	

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Hodgkin lymphoma - Female (Contd)

	Nodular lymphocytic	Classical lymphocyte-rich	Nodular sclerosis	Mixed cellularity	Lymphocytic depletion	Unspec.	Number of cases MV	Total	
Asia (Contd)									
Korea, Jejudo	-	-	0.1	0.1	-	0.1	**3**	3	
Korea, Seoul	0.0	0.0	0.1	0.0	0.0	0.1	**55**	56	
Korea, Ulsan	-	-	0.1	0.1	-	0.1	**6**	6	
Kuwait: Kuwaitis	0.1	0.3	1.0	0.2	-	0.2	**33**	33	
Kuwait: Non-Kuwaitis	0.1	-	0.7	0.1	-	0.3	**24**	25	
Malaysia, Penang	0.0	-	0.0	0.1	0.1	0.2	**10**	10	
Malaysia, Sarawak	-	-	0.0	-	-	0.5	**23**	23	
Oman: Omani	-	0.1	0.6	0.1	0.1	0.4	**32**	33	*
Pakistan, South Karachi	-	-	0.4	0.3	-	0.3	**31**	32	*
Philippines, Manila	0.0	0.0	0.2	0.1	0.0	0.2	**60**	63	*
Singapore	-	-	0.4	0.0	-	0.2	**48**	48	
Singapore: Chinese	-	-	0.3	0.0	-	0.1	**27**	27	
Singapore: Indian	-	-	0.5	0.2	-	0.2	**7**	7	
Singapore: Malay	-	-	0.7	0.1	-	0.5	**14**	14	
Thailand, Chiang Mai	-	-	0.0	0.2	-	0.2	**18**	18	*
Thailand, Lampang	-	-	-	-	-	.	**0**	0	*
Thailand, Songkhla	-	0.1	0.0	0.0	-	0.1	**10**	11	
Turkey, Antalya	-	0.0	0.3	0.4	0.1	0.3	**32**	35	*
Turkey, Izmir	-	0.1	0.4	0.3	0.0	0.1	**76**	77	*
Europe									
Austria	0.0	0.0	0.7	0.1	0.0	0.6	**319**	334	
Austria, Tyrol	0.1	-	0.6	0.0	0.0	0.4	**21**	21	
Austria, Vorarlberg	-	0.1	1.1	0.5	0.1	0.1	**18**	18	
Belarus	0.0	0.2	1.4	0.6	0.1	0.3	**703**	712	*
Belgium, Antwerp	0.1	0.0	1.2	0.2	-	0.2	**72**	72	*
Belgium, Flanders	0.1	0.0	1.5	0.2	0.0	0.4	**280**	280	
Bulgaria	-	0.1	0.7	0.4	0.0	0.4	**369**	369	*
Croatia	-	0.1	0.2	0.0	-	2.1	**306**	312	
Czech Republic	0.0	0.2	1.0	0.4	0.1	0.4	**620**	646	
Denmark	-	0.0	1.3	0.2	0.0	0.2	**250**	260	
Estonia	-	0.2	1.6	0.5	0.0	0.2	**91**	93	
Finland *(data not available)*	-	-	-	-	-	-	**-**	-	
France, Bas-Rhin	-	0.1	1.2	0.1	0.1	0.1	**52**	52	
France, Calvados	0.1	-	1.5	-	0.0	0.1	**30**	30	
France, Doubs	-	0.3	1.7	0.1	-	0.3	**31**	31	
France, Haut-Rhin	0.0	0.2	1.3	0.4	-	0.3	**42**	44	
France, Herault	0.0	0.0	2.1	0.3	0.0	0.2	**73**	73	
France, Isere	0.1	-	1.5	0.1	0.0	0.3	**58**	60	
France, Loire-Atlantique	0.1	-	1.4	0.1	-	0.7	**68**	68	
France, Manche	-	-	1.2	0.1	-	.	**15**	15	
France, Somme	-	-	1.4	-	-	0.4	**27**	27	
France, Tarn	-	0.1	0.5	0.6	-	0.4	**18**	18	
France, Vendee	0.1	-	1.7	0.3	-	0.6	**36**	36	
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	**-**	-	
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	**-**	-	
Germany, Hamburg	0.1	0.0	0.9	0.2	0.0	1	**99**	107	
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	**-**	-	
Germany, Munich	0.0	0.2	1.6	0.3	0.0	0.1	**128**	138	
Germany, Northrhine-Westphalia: Munster	0.0	0.0	0.6	0.3	0.0	0.5	**108**	110	
Germany, Saarland	0.1	0.3	0.8	0.4	-	0	**45**	45	
Iceland	-	0.2	1.4	0.2	-	.	**14**	14	
Ireland	0.0	0.1	1.3	0.3	0.0	0.3	**211**	213	
Italy, Biella Province	-	-	2.7	-	-	0.1	**15**	15	
Italy, Brescia Province	0.0	-	1.7	0.3	0.0	1	**53**	54	
Italy, Ferrara Province	-	0.2	2.8	0.2	-	0.1	**34**	34	
Italy, Florence and Prato	-	0.0	2.6	0.1	0.0	1	**95**	102	
Italy, Genoa Province	0.0	0.1	2.7	0.6	-	0.2	**37**	40	
Italy, Macerata Province	-	0.0	1.4	0.3	-	1	**14**	14	
Italy, Milan	0.1	-	1.7	0.5	0.0	0.3	**77**	77	
Italy, Modena Province	0.1	0.1	1.9	0.4	0.1	0.2	**47**	47	
Italy, Naples	0.1	0.1	1.5	0.3	-	0.5	**35**	35	
Italy, North East Cancer Surveillance Network	0.1	0.1	1.2	0.2	0.0	0.9	**152**	154	
Italy, Parma Province	0.1	-	3.5	0.3	0.1	0.2	**42**	42	
Italy, Ragusa Province	0.1	-	1.8	0.1	-	0.2	**17**	17	
Italy, Reggio Emilia Province	-	0.1	0.9	0.1	0.1	1.3	**37**	37	
Italy, Romagna Region	0.0	0.1	2.2	0.1	0.0	0.6	**73**	73	
Italy, Salerno Province	0.0	0.0	1.3	0.3	0.0	0.9	**61**	61	
Italy, Sassari Province	0.1	-	2.7	0.3	-	0.2	**40**	40	
Italy, Sondrio	-	-	0.4	0.6	-	1.9	**13**	13	
Italy, Syracuse Province	-	0.1	1.9	0.4	0.2	0.3	**21**	21	
Italy, Torino	0.1	0.1	1.3	0.4	0.1	0.4	**68**	68	
Italy, Umbria Region	0.0	0.1	1.2	0.8	0.0	0.4	**50**	59	
Italy, Varese Province	-	0.2	2.2	0.4	-	0.4	**40**	40	
Italy, Veneto Region	0.1	0.0	1.3	0.2	-	1	**107**	112	
Latvia	0.1	0.1	1.0	0.1	0.1	0.6	**120**	126	
Lithuania	0.0	0.1	1.1	0.2	0.1	1	**255**	255	
Malta	-	0.1	0.9	0.2	0.1	0	**15**	15	
Norway	0.0	0.1	1.3	0.2	0.0	0.1	**219**	222	
Poland, Cracow	-	-	0.1	0.1	0.1	1.6	**40**	42	*
Poland, Kielce *(data not available)*	-	-	-	-	-	-	**-**	-	
Poland, Warsaw City	-	0.1	1.6	0.1	-	0.2	**93**	93	
Portugal, Porto	-	0.0	1.2	0.1	-	0.6	**164**	164	*
Portugal, South Regional	0.0	0.0	1.3	0.1	-	0.8	**165**	165	
Russia, St Petersburg	-	0.0	1.4	0.4	0.0	0.6	**324**	327	

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Hodgkin lymphoma - Female (Contd)

	Nodular lymphocytic	Classical lymphocyte-rich	Nodular sclerosis	Mixed cellularity	Lymphocytic depletion	Unspec.	Number of cases MV	Number of cases Total
Europe (Contd)								
Serbia	0.0	0.1	0.4	0.2	0.1	1.4	**272**	285
Slovak Republic	0.0	0.0	1.4	0.3	0.0	0.3	**305**	320
Slovenia	-	0.0	1.4	0.4	0.0	0.2	**113**	113
Spain, Albacete	0.0	0.2	1.0	0.1	-	0.1	**12**	13
Spain, Asturias	-	0.0	1.3	0.2	-	0.7	**68**	69
Spain, Basque Country	0.0	0.0	1.8	0.4	0.0	0.2	**107**	108
Spain, Canary Islands	-	0.1	1.1	0.3	0.1	0.1	**71**	72
Spain, Cuenca	-	0.1	0.7	0.6	-	0	**8**	8
Spain, Girona	0.2	0.1	1.1	0.3	-	0.2	**25**	25
Spain, Granada	0.0	-	1.0	0.3	0.0	0.1	**31**	31
Spain, Murcia	-	0.1	1.3	0.2	0.1	0.2	**55**	55
Spain, Navarra	0.2	-	1.9	0.4	0.0	0	**38**	39
Spain, Tarragona	0.1	-	1.1	-	-	0.9	**25**	25
Spain, Zaragoza	0.0	-	0.7	0.2	0.1	0.6	**41**	42
Sweden	0.0	0.0	1.2	0.2	0.0	0.3	**400**	400
Switzerland, Geneva	-	0.4	2.2	0.3	-	0.3	**35**	35
Switzerland, Graubunden and Glarus	-	-	1.1	-	-	.	**6**	6
Switzerland, Neuchatel	-	0.4	1.8	0.1	-	0.2	**11**	11
Switzerland, St Gall-Appenzell	0.1	-	2.2	0.3	-	0.2	**36**	36
Switzerland, Ticino	0.1	-	2.2	0.5	-	1.7	**37**	37
Switzerland, Valais	0.4	0.1	1.5	0.1	-	.	**18**	18
Switzerland, Vaud	-	0.1	1.6	0.1	0.0	0.2	**41**	41
The Netherlands	0.0	0.0	1.5	0.1	0.0	0.2	**773**	773
The Netherlands, Eindhoven	-	0.0	1.6	0.2	0.1	0.1	**54**	54
The Netherlands, Maastricht	0.1	0.0	1.7	0.2	0.0	0.3	**51**	51
UK, England, East of England Region	0.0	0.1	1.5	0.3	0.0	0.3	**163**	167
UK, England, Merseyside and Cheshire	0.0	0.1	1.4	0.2	-	0.5	**122**	133
UK, England, North Western	0.0	0.0	1.4	0.1	0.0	0.2	**188**	191
UK, England, Northern And Yorkshire	0.0	0.0	1.3	0.2	0.0	0.2	**321**	327
UK, England, Oxford Region	0.1	0.1	1.3	0.2	-	0.2	**127**	130
UK, England, South and Western Regions	0.0	0.0	1.4	0.1	0.0	0.4	**309**	381
UK, England, Thames	0.0	0.0	1.0	0.2	0.0	0.6	**680**	742
UK, England, Trent	0.0	0.0	1.1	0.2	0.0	0.3	**219**	221
UK, England, West Midlands	0.0	0.1	1.2	0.2	0.0	0.2	**244**	246
UK, Northern Ireland	-	0.0	0.8	0.1	-	0.7	**76**	81
UK, Scotland	0.0	0.1	1.5	0.2	0.0	0.2	**297**	301
Oceania								
Australia, New South Wales	0.0	0.1	1.3	0.2	0.0	0.4	**342**	351
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-
Australia, Queensland	0.0	0.1	1.2	0.1	0.0	0.2	**148**	151
Australia, South	-	0.1	1.2	0.2	-	0	**61**	62
Australia, Tasmania	-	-	0.6	0.6	0.0	0.1	**21**	21
Australia, Victoria	0.0	0.1	1.5	0.2	-	0.2	**268**	269
Australia, Western	0.0	0.0	1.1	0.1	-	0.2	**74**	74
Australian Capital Territory	0.1	-	0.6	0.5	-	0.3	**13**	13
French Polynesia	-	-	0.5	-	-	0.4	**6**	6
New Zealand	0.0	0.1	1.1	0.2	0.0	0.3	**185**	185
USA, Hawaii	0.0	0.0	0.8	0.0	0.0	0.1	**36**	36
USA, Hawaii: Chinese	-	0.1	-	-	-	.	**1**	1
USA, Hawaii: Filipino	-	0.2	0.7	-	-	0.1	**6**	6
USA, Hawaii: Hawaiian	-	-	1.0	-	0.2	0.3	**9**	9
USA, Hawaii: Japanese	-	-	0.4	0.1	-	.	**5**	5
USA, Hawaii: White	0.2	-	1.3	0.1	-	0.1	**12**	12

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type

Haematopoietic and lymphoid tissues - Male

	B-cell	T-cell and NK-cell	Myeloid	Non-Hodgkin lymphoma, NOS	Other	Unspec.	Number of cases MV	Total
Africa								
Algeria, Setif	0.7	-	1.6	5.0	-	1.6	**222**	222 *
Egypt, Gharbiah	16.7	0.5	2.5	1.2	0.0	4.1	**1217**	1321
Tunisia, Centre, Sousse	8.8	0.6	2.9	-	-	1.4	**138**	141 *
Uganda, Kyadondo County	2.8	-	0.3	0.8	-	4.5	**158**	194 *
Zimbabwe, Harare: African	6.9	0.1	1.2	3.9	-	1.2	**322**	375 *
America, Central and South								
Argentina, Bahia Blanca	8.2	0.1	6.0	2.9	-	6.0	**129**	184
Brazil, Brasilia	5.8	0.3	2.5	7.6	0.0	3.5	**459**	505
Brazil, Cuiaba	2.7	-	2.8	4.2	-	3.8	**72**	111
Brazil, Goiania	6.7	0.2	4.0	2.9	0.1	4.5	**240**	287
Brazil, Sao Paulo	7.8	0.7	4.5	6.1	0.1	5.2	**5249**	5289
Chile, Valdivia	5.7	0.5	2.7	1.2	0.3	5.1	**133**	133
Colombia, Cali	9.5	0.4	3.1	1.1	-	6.5	**696**	773
Costa Rica	6.1	0.6	2.7	0.6	0.0	3.4	**976**	1119
Ecuador, Quito	6.9	0.4	4.1	2.6	0.0	5.5	**564**	579
France, La Martinique	9.7	0.8	5.9	6.6	-	2.7	**295**	296
Peru, Trujillo	10.8	1.1	3.7	2.5	-	2.0	**192**	192 *
America, North								
Canada (excluding Quebec, Yukon and Nunavut)	17.0	1.2	5.9	2.7	0.2	4.9	**20569**	25083
Canada, Alberta	21.2	1.3	6.6	0.4	0.1	2.8	**2829**	2900
Canada, British Columbia	17.7	1.2	7.4	1.0	0.1	3.7	**3855**	4575
Canada, Manitoba	22.8	1.3	8.7	0.7	-	3.2	**1408**	1511
Canada, New Brunswick	19.7	1.8	8.1	0.5	0.0	3.4	**850**	876
Canada, Newfoundland and Labrador	12.3	0.9	4.9	1.4	-	2.8	**375**	379
Canada, Northwest Territories	14.2	-	-	-	-	1.0	**11**	11
Canada, Nova Scotia	20.8	1.1	5.1	0.7	0.2	4.4	**936**	1053
Canada, Ontario	14.4	1.2	4.8	4.7	0.3	6.5	**9117**	12374
Canada, Prince Edward Island	20.0	0.8	8.5	1.2	-	2.5	**149**	151
Canada, Saskatchewan	22.9	1.1	6.6	0.6	0.1	2.4	**1039**	1253
USA, Alabama	15.9	1.1	3.7	1.2	0.1	3.6	**3297**	3661
USA, Alabama: Black	14.7	1.3	3.1	0.6	0.0	2.6	**550**	620
USA, Alabama: White	16.0	1.0	3.7	1.3	0.1	3.9	**2700**	2990
USA, Alaska	20.9	1.2	4.8	1.1	0.2	2.9	**442**	469
USA, Arizona	14.3	0.9	3.8	1.3	0.1	4.4	**3817**	4307
USA, California	19.1	1.5	6.2	0.9	0.1	3.7	**30140**	31786
USA, California, Greater San Francisco Bay Area	19.8	2.1	5.7	0.9	0.1	3.5	**6195**	6459
USA, California, Greater San Francisco Bay Area: Black	20.9	1.9	4.9	0.9	0.1	3.4	**409**	433
USA, California, Greater San Francisco Bay Area: Chinese	10.1	1.0	4.4	0.5	0.3	3.2	**281**	289
USA, California, Greater San Francisco Bay Area: Filipino	14.0	1.2	5.3	0.5	0.2	3.0	**202**	214
USA, California, Greater San Francisco Bay Area: Hispanic White	17.5	1.7	4.5	0.8	0.1	3.4	**684**	710
USA, California, Greater San Francisco Bay Area: Japanese	10.1	0.4	4.9	0.8	-	1.9	**57**	60
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	22.0	2.2	6.2	1.0	0.1	3.5	**4157**	4339
USA, California, Los Angeles County	19.7	1.5	6.3	0.7	0.0	3.5	**8169**	8403
USA, California, Los Angeles County: Black	21.3	1.7	6.2	0.7	0.0	2.1	**778**	804
USA, California, Los Angeles County: Chinese	9.6	0.6	4.1	0.3	-	1.7	**172**	177
USA, California, Los Angeles County: Filipino	15.6	1.6	5.6	0.5	-	3.0	**199**	205
USA, California, Los Angeles County: Hispanic White	16.0	1.4	5.2	0.6	0.0	4.0	**1921**	1972
USA, California, Los Angeles County: Japanese	14.2	1.1	5.6	0.5	-	4.2	**133**	137
USA, California, Los Angeles County: Korean	6.7	1.0	2.8	0.3	-	2.5	**67**	69
USA, California, Los Angeles County: Non-Hispanic White	22.9	1.6	7.2	0.9	0.1	3.5	**4575**	4713
USA, California: Asian and Pacific Islander	11.7	1.3	4.9	0.6	0.1	2.4	**2259**	2338
USA, California: Black	20.3	1.9	6.0	0.8	0.1	2.6	**1768**	1867
USA, California: Hispanic White	16.2	1.3	5.1	0.8	0.0	4.0	**4984**	5168
USA, California: Non-hispanic White	20.6	1.5	6.6	1.0	0.1	3.7	**20474**	21735
USA, Colorado	19.6	1.3	4.7	1.0	0.0	3.2	**3260**	3763
USA, Connecticut	20.5	1.6	5.7	1.2	0.1	4.3	**3711**	3939
USA, Connecticut: Black	15.7	1.8	4.5	0.6	-	3.1	**180**	189
USA, Connecticut: White	20.9	1.6	5.8	1.2	0.1	4.4	**3461**	3676
USA, District of Columbia	17.9	1.4	3.7	2.1	-	4.9	**452**	503
USA, District of Columbia: Black	19.8	1.2	2.9	2.7	-	5.8	**305**	339
USA, District of Columbia: White	14.1	1.4	4.6	1.1	-	3.3	**124**	139
USA, Florida	17.2	1.2	4.7	1.8	0.1	5.1	**18821**	19656
USA, Florida: Black	16.8	1.6	3.6	1.4	0.1	4.1	**1481**	1552
USA, Florida: White	17.2	1.2	4.8	1.8	0.1	5.2	**17087**	17841
USA, Georgia	16.4	1.1	4.3	1.3	0.0	3.5	**5426**	5975
USA, Georgia, Atlanta	18.7	1.5	6.2	1.0	0.0	3.8	**2010**	2166
USA, Georgia, Atlanta: Black	18.6	1.6	5.4	0.7	0.0	3.9	**516**	575
USA, Georgia, Atlanta: White	19.5	1.5	6.7	1.1	-	3.9	**1448**	1539
USA, Georgia: Black	17.5	1.4	3.9	0.8	0.0	3.2	**1142**	1288
USA, Georgia: White	16.3	1.0	4.5	1.4	0.0	3.7	**4201**	4597
USA, Idaho	20.1	1.1	5.1	0.6	0.0	3.4	**1172**	1259
USA, Illinois	19.7	1.1	5.0	1.3	0.1	4.3	**11106**	12260
USA, Illinois: Black	19.2	1.2	4.0	1.1	0.1	3.9	**1163**	1289
USA, Illinois: White	19.7	1.0	5.1	1.3	0.1	4.5	**9578**	10584
USA, Indiana	18.8	1.1	4.9	1.0	0.1	3.4	**5213**	5634
USA, Iowa	22.6	1.1	7.2	0.6	0.1	3.4	**3526**	3788
USA, Kentucky	20.6	1.3	6.1	1.2	0.1	3.9	**3765**	4338
USA, Louisiana	19.6	1.5	6.5	1.2	0.1	4.0	**4121**	4473
USA, Louisiana, New Orleans: Black	18.6	2.6	5.5	1.2	-	2.8	**282**	305
USA, Louisiana, New Orleans: White	19.2	1.9	7.2	1.3	0.2	5.1	**647**	677
USA, Louisiana: Black	19.1	1.6	5.3	1.0	0.0	3.5	**922**	1026
USA, Louisiana: White	20.0	1.4	6.8	1.2	0.1	4.4	**3167**	3414
USA, Maine	21.6	0.9	4.7	1.4	0.0	3.4	**1327**	1514
USA, Massachusetts	19.1	1.4	4.5	1.2	0.1	3.2	**5614**	6192

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type

Haematopoietic and lymphoid tissues - Male (Contd)

	B-cell	T-cell and NK-cell	Myeloid	Non-Hodgkin lymphoma, NOS	Other	Unspec.	Number of cases MV	Total	
America, North (Contd)									
USA, Michigan	19.6	1.4	4.9	1.4	0.0	3.8	**9242**	9927	
USA, Michigan, Detroit	21.4	1.7	7.8	1.1	0.0	4.1	**4408**	4617	
USA, Michigan, Detroit: Black	19.7	2.1	6.7	0.9	-	3.5	**774**	827	
USA, Michigan, Detroit: White	22.0	1.7	8.2	1.2	0.0	4.4	**3552**	3706	
USA, Michigan: Black	19.0	2.0	4.3	1.0	-	3.5	**935**	1021	
USA, Michigan: White	19.6	1.3	5.0	1.4	0.1	3.9	**8112**	8703	
USA, Missouri	18.3	1.3	4.6	1.2	0.0	3.8	**4985**	5541	
USA, Missouri: Black	18.8	1.5	4.4	1.0	-	3.9	**391**	435	
USA, Missouri: White	18.3	1.3	4.7	1.2	0.0	3.8	**4553**	5062	
USA, Montana	19.5	1.2	5.2	0.9	0.1	2.8	**862**	1001	
USA, New Jersey	21.5	1.7	6.7	1.3	0.1	4.6	**9310**	10030	
USA, New Jersey: Black	22.6	1.7	6.2	1.3	0.1	4.1	**945**	1040	
USA, New Jersey: White	21.5	1.6	6.6	1.2	0.1	4.5	**7968**	8567	
USA, New Mexico	17.6	1.4	5.9	1.1	0.0	3.9	**1552**	1720	
USA, New Mexico: American Indian	10.1	2.4	3.9	0.9	-	4.2	**75**	79	
USA, New Mexico: Hispanic White	13.8	1.0	5.5	0.7	0.1	3.8	**417**	456	
USA, New Mexico: Non-Hispanic White	20.8	1.5	6.3	1.4	0.0	3.7	**1023**	1147	
USA, New York state	20.4	1.4	7.1	1.3	0.1	4.3	**18227**	21501	
USA, New York state: Black	20.3	1.7	4.9	1.3	0.0	4.0	**1959**	2231	
USA, New York state: White	20.9	1.4	7.5	1.3	0.1	4.5	**15704**	18640	
USA, NPCR	18.7	1.3	4.7	1.3	0.1	4.1	**199998**	217914	
USA, NPCR: Black	18.4	1.6	4.0	1.1	0.0	3.4	**16596**	18341	
USA, NPCR: White	18.8	1.3	4.8	1.3	0.1	4.2	**175615**	191273	
USA, Ohio	17.6	1.4	4.3	1.7	0.1	4.1	**10382**	10989	
USA, Ohio: Black	17.3	1.6	4.1	1.5	0.0	3.4	**845**	909	
USA, Ohio: White	17.4	1.3	4.3	1.7	0.1	4.1	**9252**	9790	
USA, Oklahoma	15.6	1.1	4.7	1.5	0.1	5.1	**2999**	3234	
USA, Oregon	19.8	1.9	4.3	0.7	0.1	3.5	**3288**	3538	
USA, Pennsylvania	20.7	1.5	5.2	1.1	0.0	3.6	**12912**	14471	
USA, Pennsylvania: Black	19.4	1.8	4.0	1.6	0.1	3.0	**835**	952	
USA, Pennsylvania: White	20.5	1.3	5.1	1.1	0.0	3.7	**11717**	13124	
USA, Rhode Island	19.5	2.3	5.1	0.6	0.0	3.8	**1077**	1137	
USA, SEER (9 registries)	20.7	1.6	6.5	1.0	0.0	3.7	**26924**	28386	
USA, SEER (9 registries): Black	19.1	1.9	5.7	0.9	0.0	3.5	**2047**	2195	
USA, SEER (9 registries): White	21.6	1.6	6.7	1.1	0.0	3.8	**22862**	24098	
USA, SEER (14 registries)	19.9	1.5	6.4	1.0	0.1	3.8	**70234**	74812	
USA, SEER (14 registries): Asian and Pacific Islander	11.4	1.2	5.2	0.7	0.1	2.7	**3588**	3718	
USA, SEER (14 registries): Black	20.0	1.8	5.8	0.9	0.1	3.3	**5572**	6041	
USA, SEER (14 registries): Hispanic White	16.4	1.3	5.3	0.8	0.1	4.1	**6632**	6930	
USA, SEER (14 registries): Non-hispanic White	21.0	1.5	6.6	1.1	0.1	3.8	**53257**	56884	
USA, South Carolina	16.9	1.2	4.3	1.3	0.1	3.7	**3032**	3474	
USA, South Carolina: Black	16.4	1.5	3.8	0.8	-	2.7	**608**	719	
USA, South Carolina: White	17.0	1.2	4.3	1.4	0.1	4.0	**2386**	2693	
USA, Texas	17.1	1.2	4.8	1.2	0.1	4.8	**14880**	17019	
USA, Texas: Black	18.4	1.3	4.7	0.8	0.1	3.9	**1353**	1588	
USA, Texas: White	17.0	1.2	4.8	1.2	0.1	4.9	**13146**	14972	
USA, Utah	21.1	1.4	5.9	0.8	0.0	3.0	**1797**	1848	
USA, Vermont	18.4	1.4	4.7	2.0	0.1	3.8	**557**	617	
USA, Washington State	22.4	1.6	4.9	1.3	0.0	3.3	**6111**	6454	
USA, Washington, Seattle	23.1	1.6	7.3	1.3	0.0	3.3	**4619**	4785	
USA, West Virginia	18.1	1.1	4.6	1.5	0.1	3.6	**1822**	1951	
USA, Wisconsin	19.5	1.2	5.2	1.0	0.1	4.4	**5517**	5748	
Asia									
Bahrain: Bahraini	4.6	-	6.2	4.1	-	4.7	**123**	131	
China, Guangzhou City	2.2	0.1	3.5	5.5	0.2	4.3	**802**	844	*
China, Hong Kong	6.7	0.7	3.3	0.7	0.0	4.3	**2900**	3127	
China, Jiashan	0.7	0.3	2.2	0.4	-	6.3	**97**	97	*
China, Nangang District, Harbin City	1.5	-	1.2	2.9	0.0	3.2	**151**	191	
China, Shanghai	1.9	0.0	2.0	4.4	0.1	3.2	**2200**	2432	*
China, Zhongshan	0.8	0.1	3.4	3.0	0.1	2.6	**319**	321	*
Cyprus	9.9	0.4	3.4	3.0	0.0	3.8	**420**	428	*
India, Chennai (Madras)	1.9	0.1	1.8	2.6	-	3.1	**912**	935	
India, Karunagappally	3.6	0.8	1.3	0.3	0.1	1.4	**69**	71	
India, Mumbai (Bombay)	2.2	0.1	2.0	2.7	0.0	3.2	**2521**	2521	
India, Nagpur	1.4	-	2.5	2.0	-	4.4	**476**	478	*
India, New Delhi	3.2	0.0	2.5	4.7	0.0	3.0	**3401**	3401	*
India, Poona	1.2	-	1.4	0.0	-	5.0	**547**	552	*
India, Trivandrum	3.8	0.7	2.1	0.5	0.0	2.6	**257**	262	*
Israel	20.4	2.9	7.1	0.9	0.1	3.8	**5263**	5869	
Israel: Jews	20.6	3.1	6.9	0.9	0.1	3.7	**4704**	5194	
Israel: Non-Jews	12.0	1.2	4.8	0.5	0.1	3.3	**383**	415	
Japan, Aichi Prefecture	3.8	0.5	2.5	0.6	-	3.1	**370**	370	
Japan, Fukui Prefecture	2.8	0.1	3.2	3.6	0.1	3.8	**441**	504	
Japan, Hiroshima	6.1	0.8	5.0	2.2	0.4	3.2	**481**	643	
Japan, Miyagi Prefecture	5.4	0.6	3.6	0.5	0.1	4.8	**1065**	1408	
Japan, Nagasaki Prefecture	3.5	4.2	5.3	2.3	0.2	3.9	**1154**	1284	
Japan, Osaka Prefecture	3.6	1.0	3.3	0.9	0.1	4.8	**4390**	4390	
Japan, Yamagata Prefecture	3.3	0.7	2.7	0.8	-	4.1	**574**	674	
Korea	4.5	0.7	3.0	0.3	0.2	3.3	**10140**	10815	
Korea, Busan	3.6	0.5	2.7	0.2	0.2	3.4	**870**	936	
Korea, Daegu	4.5	0.5	2.9	0.5	0.0	3.6	**658**	680	
Korea, Daejeon	4.5	0.9	2.3	0.4	0.2	3.9	**324**	351	
Korea, Gwangju	5.0	0.5	3.3	1.3	-	3.2	**374**	384	
Korea, Incheon	4.8	1.0	2.5	0.1	0.1	3.5	**634**	668	

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Haematopoietic and lymphoid tissues - Male (Contd)

	B-cell	T-cell and NK-cell	Myeloid	Non-Hodgkin lymphoma, NOS	Other	Unspec.	Number of cases MV	Total	
Asia (Contd)									
Korea, Jejudo	4.1	0.5	3.8	-	0.1	3.3	**85**	86	
Korea, Seoul	6.0	0.9	3.3	0.2	0.0	3.8	**2907**	3080	
Korea, Ulsan	3.7	0.5	2.4	0.5	0.2	2.4	**159**	171	
Kuwait: Kuwaitis	8.5	2.5	2.9	1.1	-	2.3	**231**	238	
Kuwait: Non-Kuwaitis	6.1	1.4	2.4	0.6	0.4	3.9	**356**	362	
Malaysia, Penang	1.6	0.2	3.9	5.3	-	3.7	**295**	313	
Malaysia, Sarawak	2.5	0.1	2.6	5.0	0.1	2.6	**524**	539	
Oman: Omani	5.3	0.2	2.4	4.4	-	3.5	**318**	347	*
Pakistan, South Karachi	8.0	0.4	2.3	1.1	-	2.4	**485**	495	*
Philippines, Manila	3.6	0.4	3.1	1.6	0.0	5.3	**1040**	1268	*
Singapore	6.8	1.5	4.4	0.5	0.1	3.6	**1349**	1349	
Singapore: Chinese	6.6	1.6	4.4	0.5	0.1	3.5	**1049**	1049	
Singapore: Indian	3.6	1.0	2.2	0.1	-	3.7	**72**	72	
Singapore: Malay	11.5	1.0	5.7	0.3	0.1	4.5	**228**	228	
Thailand, Chiang Mai	5.1	0.2	2.5	1.8	0.0	2.8	**469**	469	*
Thailand, Lampang	3.7	0.1	2.1	1.4	0.1	4.3	**238**	238	*
Thailand, Songkhla	3.1	1.0	2.1	1.3	-	2.5	**259**	289	
Turkey, Antalya	5.5	0.4	2.9	1.0	0.1	3.2	**267**	405	*
Turkey, Izmir	5.8	0.6	2.8	1.0	0.1	2.1	**892**	995	*
Europe									
Austria	7.2	0.8	3.5	2.3	0.1	5.6	**4934**	5474	
Austria, Tyrol	15.0	3.5	5.4	0.6	0.3	1.9	**572**	582	
Austria, Vorarlberg	9.2	0.2	3.3	2.3	0.1	7.6	**219**	238	
Belarus	5.1	0.1	3.3	3.0	0.1	2.6	**3754**	3860	*
Belgium, Antwerp	12.0	0.6	3.2	1.4	0.1	1.5	**1255**	1255	*
Belgium, Flanders	13.1	0.9	5.4	3.5	0.4	2.9	**4774**	4838	
Bulgaria	3.6	0.1	2.4	2.1	0.1	2.9	**3172**	3172	*
Croatia	7.1	0.1	4.1	5.4	0.1	3.6	**2557**	2995	
Czech Republic	11.3	0.8	5.1	1.4	0.1	3.9	**6554**	7682	
Denmark	15.0	1.1	4.2	1.0	0.0	3.1	**4710**	4937	
Estonia	10.7	0.8	3.5	0.3	0.0	3.1	**743**	764	
Finland *(data not available)*	-	-	-	-	-	-	**-**	-	
France, Bas-Rhin	16.6	0.9	8.1	0.7	0.0	2.1	**887**	978	
France, Calvados	16.7	1.2	6.8	0.4	0.0	1.8	**625**	635	
France, Doubs	19.2	1.1	9.8	0.4	0.0	1.6	**588**	588	
France, Haut-Rhin	19.2	0.3	5.0	1.8	-	2.0	**688**	709	
France, Herault	16.9	0.7	6.7	0.4	0.0	2.1	**940**	942	
France, Isere	17.5	0.6	9.2	1.0	0.0	2.2	**1129**	1168	
France, Loire-Atlantique	20.7	0.7	6.2	1.7	0.1	3.2	**1278**	1297	
France, Manche	19.3	1.3	8.1	0.7	-	0.9	**603**	607	
France, Somme	14.2	0.9	5.8	0.7	0.3	2.1	**454**	474	
France, Tarn	13.3	0.9	8.7	0.3	0.0	2.1	**434**	437	
France, Vendee	13.3	0.4	3.2	2.9	-	3.7	**540**	551	
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	**-**	-	
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	**-**	-	
Germany, Hamburg	11.2	0.9	3.8	4.6	0.1	2.6	**1159**	1484	
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	**-**	-	
Germany, Munich	10.3	0.7	5.1	2.6	-	2.8	**1498**	1859	
Germany, Northrhine-Westphalia: Munster	11.1	0.7	6.0	3.4	0.0	3.3	**2017**	2364	
Germany, Saarland	13.3	1.0	4.4	1.4	0.1	2.9	**887**	964	
Iceland	17.2	1.5	3.3	-	-	2.0	**212**	213	
Ireland	13.9	0.8	7.5	2.8	0.0	5.4	**3421**	3592	
Italy, Biella Province	17.3	1.9	13.0	1.0	0.1	3.5	**294**	306	
Italy, Brescia Province	14.9	2.2	4.3	5.0	0.1	4.7	**666**	695	
Italy, Ferrara Province	19.2	2.8	6.5	1.1	-	2.4	**547**	565	
Italy, Florence and Prato	13.6	1.0	11.3	3.3	0.2	5.9	**1353**	1807	
Italy, Genoa Province	18.0	0.8	10.4	1.4	-	3.8	**745**	918	
Italy, Macerata Province	13.6	1.8	3.2	3.1	-	4.8	**209**	223	
Italy, Milan	18.0	2.0	5.8	2.8	0.3	2.3	**1350**	1351	
Italy, Modena Province	20.5	3.9	4.3	0.8	0.2	3.1	**877**	879	
Italy, Naples	12.5	1.4	7.4	2.0	0.1	6.3	**318**	435	
Italy, North East Cancer Surveillance Network	12.1	1.2	4.1	4.4	0.1	5.7	**2347**	2368	
Italy, Parma Province	16.3	1.1	7.1	3.9	0.2	4.9	**655**	657	
Italy, Ragusa Province	12.4	1.1	11.1	1.2	-	2.4	**326**	342	
Italy, Reggio Emilia Province	6.8	1.1	5.1	14.5	0.2	3.7	**578**	590	
Italy, Romagna Region	20.4	1.8	5.3	2.5	0.1	3.2	**1535**	1567	
Italy, Salerno Province	11.2	1.5	3.9	3.6	0.3	4.3	**708**	747	
Italy, Sassari Province	18.0	1.1	5.3	1.0	0.0	1.5	**485**	495	
Italy, Sondrio	16.8	1.3	5.0	1.9	-	5.4	**189**	201	
Italy, Syracuse Province	13.0	0.7	7.3	1.3	0.1	3.9	**276**	307	
Italy, Torino	16.5	1.0	6.7	3.8	0.0	2.8	**1228**	1264	
Italy, Umbria Region	7.7	0.3	5.0	3.2	0.1	9.3	**722**	961	
Italy, Varese Province	16.4	1.1	4.0	7.9	0.1	3.6	**567**	601	
Italy, Veneto Region	11.6	1.2	4.3	4.2	0.3	6.5	**1650**	1797	
Latvia	5.7	0.6	4.6	1.5	0.2	4.6	**1156**	1219	
Lithuania	7.9	0.7	4.2	1.9	0.1	3.9	**1912**	1912	
Malta	8.7	2.1	7.0	3.2	0.2	3.8	**304**	312	
Norway	14.3	1.3	5.5	3.5	0.1	1.8	**4301**	4496	
Poland, Cracow	5.0	0.2	2.7	0.7	0.0	6.9	**302**	363	*
Poland, Kielce *(data not available)*	-	-	-	-	-	-	**-**	-	
Poland, Warsaw City	7.6	0.4	3.4	1.3	0.0	3.3	**840**	884	
Portugal, Porto	4.9	0.6	3.8	4.8	0.2	2.9	**1642**	1644	*
Portugal, South Regional	8.3	0.5	5.3	5.3	0.2	3.2	**2200**	2216	
Russia, St Petersburg	6.0	0.3	3.0	0.7	0.0	4.8	**1848**	1864	

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type

Haematopoietic and lymphoid tissues - Male (Contd)

	B-cell	T-cell and NK-cell	Myeloid	Non-Hodgkin lymphoma, NOS	Other	Unspec.	Number of cases MV	Total
Europe (Contd)								
Serbia	5.2	0.3	2.1	1.8	0.1	3.6	**1826**	2000
Slovak Republic	11.2	0.4	5.0	1.0	0.1	3.0	**2909**	3157
Slovenia	11.8	1.1	4.5	1.6	0.0	1.9	**1343**	1343
Spain, Albacete	9.1	0.5	5.5	2.7	0.1	2.7	**224**	230
Spain, Asturias	11.5	0.9	3.3	1.9	0.0	4.2	**966**	1032
Spain, Basque Country	12.7	1.3	2.4	1.3	0.1	3.9	**1303**	1381
Spain, Canary Islands	14.7	1.0	3.9	2.6	0.1	3.7	**1058**	1131
Spain, Cuenca	10.3	0.0	1.5	1.3	-	2.1	**144**	170
Spain, Girona	15.1	2.2	7.3	0.4	0.2	1.6	**582**	613
Spain, Granada	11.7	1.8	3.6	0.1	0.2	2.8	**526**	551
Spain, Murcia	11.5	1.5	4.4	1.7	0.1	3.1	**768**	850
Spain, Navarra	10.0	1.8	3.0	0.4	0.1	4.7	**409**	432
Spain, Tarragona	10.4	1.2	5.4	4.7	0.3	3.9	**471**	499
Spain, Zaragoza	9.4	0.4	2.2	1.6	0.6	6.0	**612**	650
Sweden	11.6	0.7	6.1	1.6	0.0	5.5	**9521**	9533
Switzerland, Geneva	14.2	1.6	7.6	4.6	-	3.0	**457**	465
Switzerland, Graubunden and Glarus	11.8	1.4	2.8	-	-	4.3	**165**	172
Switzerland, Neuchatel	10.8	0.2	2.3	6.8	-	3.6	**143**	144
Switzerland, St Gall-Appenzell	15.5	1.2	7.1	0.7	-	2.3	**499**	499
Switzerland, Ticino	15.5	1.6	4.4	1.0	0.5	4.6	**303**	324
Switzerland, Valais	14.9	1.5	3.8	1.4	-	1.4	**230**	237
Switzerland, Vaud	13.4	0.0	3.8	3.7	0.1	2.4	**505**	527
The Netherlands	15.2	1.1	4.7	1.3	0.1	2.1	**13212**	13379
The Netherlands, Eindhoven	13.2	0.8	4.0	1.8	0.0	2.1	**746**	756
The Netherlands, Maastricht	12.2	0.7	4.4	1.8	0.1	1.5	**671**	684
UK, England, East of England Region	12.0	1.2	7.3	1.5	0.0	4.7	**2707**	3080
UK, England, Merseyside and Cheshire	8.7	0.9	5.9	5.0	0.0	4.3	**1694**	2308
UK, England, North Western	11.4	0.9	7.1	3.4	0.1	3.5	**3304**	4151
UK, England, Northern And Yorkshire	14.2	0.6	7.0	2.6	0.2	3.1	**4934**	7146
UK, England, Oxford Region	14.9	0.6	4.4	1.7	-	4.1	**2393**	2468
UK, England, South and Western Regions	14.4	0.7	10.9	2.2	0.1	6.5	**6089**	10155
UK, England, Thames	11.4	0.6	7.8	4.7	0.2	4.3	**11382**	14793
UK, England, Trent	12.4	1.0	8.5	1.5	0.2	4.7	**4815**	5609
UK, England, West Midlands	12.6	1.3	7.0	2.9	0.1	3.0	**4660**	5637
UK, Northern Ireland	10.1	1.0	4.2	1.9	0.1	7.8	**1095**	1374
UK, Scotland	14.5	1.3	10.4	1.2	0.1	4.1	**5765**	6049
Oceania								
Australia, New South Wales	18.0	0.9	8.5	2.6	0.1	3.9	**6650**	7721
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-
Australia, Queensland	19.1	1.4	11.8	1.4	0.1	3.6	**3751**	4556
Australia, South	21.9	0.7	6.3	1.2	-	6.1	**1897**	2012
Australia, Tasmania	18.7	0.9	5.8	1.8	0.2	2.7	**485**	517
Australia, Victoria	18.9	1.0	9.9	1.4	0.1	4.1	**5662**	5994
Australia, Western	16.1	1.6	8.7	3.1	0.1	3.3	**1793**	2012
Australian Capital Territory	18.0	1.3	8.2	2.9	0.1	3.8	**237**	289
French Polynesia	8.7	-	4.7	3.1	0.2	5.0	**96**	99
New Zealand	21.0	0.8	5.0	1.7	0.0	4.5	**4024**	4126
USA, Hawaii	14.1	1.8	6.5	1.1	0.1	3.2	**1130**	1160
USA, Hawaii: Chinese	11.3	1.4	5.0	1.1	-	3.7	**83**	87
USA, Hawaii: Filipino	11.8	1.5	6.9	1.1	-	1.9	**164**	170
USA, Hawaii: Hawaiian	16.8	3.1	8.0	0.2	0.2	3.7	**160**	163
USA, Hawaii: Japanese	10.7	0.7	7.1	1.3	0.6	3.0	**264**	271
USA, Hawaii: White	17.3	2.5	6.5	1.2	-	3.6	**352**	361

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Haematopoietic and lymphoid tissues - Female

	B-cell	T-cell and NK-cell	Myeloid	Non-Hodgkin lymphoma, NOS	Other	Unspec.	Number of cases MV	Total	
Africa									
Algeria, Setif	0.4	-	1.5	3.7	-	1.3	**178**	178	*
Egypt, Gharbiah	9.5	0.3	2.3	0.7	-	2.7	**811**	891	
Tunisia, Centre, Sousse	5.3	0.2	1.6	-	0.1	1.7	**91**	92	*
Uganda, Kyadondo County	1.8	-	0.5	0.6	-	3.3	**129**	161	*
Zimbabwe, Harare: African	6.7	0.2	1.3	3.3	0.0	0.6	**236**	285	*
America, Central and South									
Argentina, Bahia Blanca	5.6	0.8	3.4	2.7	-	5.1	**134**	186	
Brazil, Brasilia	4.0	0.3	1.3	4.2	0.0	2.0	**287**	340	
Brazil, Cuiaba	2.9	0.2	2.5	1.6	-	3.2	**51**	85	
Brazil, Goiania	5.1	0.3	3.6	2.0	-	3.7	**239**	286	
Brazil, Sao Paulo	5.5	0.4	3.4	4.5	0.1	3.6	**4825**	4851	
Chile, Valdivia	4.8	0.2	1.6	1.2	0.2	2.8	**106**	106	
Colombia, Cali	7.2	0.6	2.3	0.7	-	5.6	**684**	747	
Costa Rica	5.0	0.2	2.0	0.5	0.0	2.9	**759**	908	
Ecuador, Quito	5.5	0.4	2.6	2.3	0.1	4.7	**513**	522	
France, La Martinique	6.1	1.4	4.8	4.7	-	2.5	**276**	277	
Peru, Trujillo	6.9	0.6	3.0	1.5	-	2.4	**175**	175	*
America, North									
Canada (excluding Quebec, Yukon and Nunavut)	11.0	0.9	4.1	2.0	0.1	3.6	**16141**	20327	
Canada, Alberta	14.0	0.8	4.8	0.3	0.0	2.0	**2183**	2246	
Canada, British Columbia	11.5	0.9	5.3	0.6	0.0	2.5	**2895**	3578	
Canada, Manitoba	15.3	0.9	6.9	0.6	0.0	2.1	**1170**	1286	
Canada, New Brunswick	13.6	0.8	4.8	0.2	-	3.0	**665**	702	
Canada, Newfoundland and Labrador	7.5	0.5	2.6	0.7	-	2.8	**260**	261	
Canada, Northwest Territories	3.3	1.9	-	-	-	2.0	**5**	5	
Canada, Nova Scotia	12.3	1.1	4.1	0.6	0.0	3.3	**732**	841	
Canada, Ontario	9.4	0.9	3.3	3.5	0.1	4.8	**7334**	10300	
Canada, Prince Edward Island	11.0	0.3	4.0	0.3	-	2.3	**103**	106	
Canada, Saskatchewan	14.6	1.0	4.8	0.4	0.1	1.7	**794**	1002	
USA, Alabama	10.8	0.6	2.6	0.7	0.1	2.4	**2922**	3283	
USA, Alabama: Black	10.3	0.9	2.2	0.5	0.1	2.0	**553**	627	
USA, Alabama: White	10.9	0.5	2.7	0.7	0.1	2.5	**2330**	2611	
USA, Alaska	14.3	1.3	3.1	0.5	0.2	2.6	**317**	336	
USA, Arizona	10.2	0.5	2.7	0.9	0.1	2.9	**2994**	3411	
USA, California	12.6	0.9	4.1	0.6	0.1	2.5	**23719**	25346	
USA, California, Greater San Francisco Bay Area	12.7	1.3	3.8	0.4	0.1	2.6	**4849**	5135	
USA, California, Greater San Francisco Bay Area: Black	12.6	1.2	4.5	0.4	-	1.7	**339**	356	
USA, California, Greater San Francisco Bay Area: Chinese	6.9	1.0	3.1	0.3	-	1.7	**233**	243	
USA, California, Greater San Francisco Bay Area: Filipino	7.4	1.3	3.0	0.1	-	2.0	**158**	164	
USA, California, Greater San Francisco Bay Area: Hispanic White	13.5	1.1	4.0	0.6	0.1	3.2	**601**	635	
USA, California, Greater San Francisco Bay Area: Japanese	8.0	1.2	2.0	0.3	-	1.7	**61**	63	
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	13.9	1.3	3.8	0.5	0.1	2.7	**3166**	3377	
USA, California, Los Angeles County	12.7	0.9	4.2	0.4	0.1	2.4	**6483**	6740	
USA, California, Los Angeles County: Black	13.7	1.4	3.8	0.3	0.0	1.6	**694**	741	
USA, California, Los Angeles County: Chinese	7.1	0.6	2.5	0.1	-	2.0	**157**	164	
USA, California, Los Angeles County: Filipino	10.1	0.6	4.3	0.4	-	1.7	**175**	178	
USA, California, Los Angeles County: Hispanic White	11.4	0.5	4.1	0.3	0.1	2.9	**1624**	1669	
USA, California, Los Angeles County: Japanese	8.4	0.9	3.0	-	-	1.6	**108**	110	
USA, California, Los Angeles County: Korean	4.7	0.5	2.2	0.1	-	1.7	**58**	59	
USA, California, Los Angeles County: Non-Hispanic White	14.5	0.9	4.7	0.5	0.0	2.1	**3427**	3571	
USA, California: Asian and Pacific Islander	8.1	0.8	3.4	0.2	0.0	1.8	**1885**	1954	
USA, California: Black	13.2	1.3	4.0	0.3	0.0	1.8	**1453**	1558	
USA, California: Hispanic White	12.0	0.7	4.1	0.5	0.1	3.0	**4112**	4296	
USA, California: Non-hispanic White	13.4	0.9	4.2	0.6	0.0	2.4	**15764**	17009	
USA, Colorado	13.7	0.8	3.3	0.7	0.0	2.3	**2673**	3099	
USA, Connecticut	13.1	1.0	4.0	0.9	0.1	3.3	**3155**	3368	
USA, Connecticut: Black	12.7	1.3	3.8	0.6	-	2.5	**196**	203	
USA, Connecticut: White	13.2	1.0	4.0	0.9	0.1	3.5	**2913**	3119	
USA, District of Columbia	11.3	0.7	2.4	0.8	-	2.6	**367**	415	
USA, District of Columbia: Black	10.8	0.7	2.3	0.7	-	2.6	**242**	273	
USA, District of Columbia: White	11.9	0.8	2.1	1.1	-	2.4	**108**	123	
USA, Florida	11.6	0.8	3.3	1.2	0.1	3.4	**15454**	16160	
USA, Florida: Black	11.7	1.3	3.4	0.8	0.0	3.2	**1378**	1446	
USA, Florida: White	11.6	0.7	3.2	1.2	0.1	3.5	**13863**	14496	
USA, Georgia	11.1	0.8	2.8	0.7	0.0	2.4	**4507**	5096	
USA, Georgia, Atlanta	12.0	1.2	3.5	0.5	0.0	2.4	**1549**	1726	
USA, Georgia, Atlanta: Black	11.8	1.4	3.0	0.2	-	2.1	**432**	484	
USA, Georgia, Atlanta: White	12.2	1.0	3.9	0.6	0.0	2.6	**1069**	1193	
USA, Georgia: Black	11.5	1.0	2.3	0.6	-	2.2	**1019**	1173	
USA, Georgia: White	10.9	0.7	3.0	0.8	0.0	2.5	**3408**	3838	
USA, Idaho	14.1	0.7	3.5	0.7	0.1	2.6	**944**	1033	
USA, Illinois	13.0	0.7	3.5	0.9	0.1	3.0	**9557**	10773	
USA, Illinois: Black	13.4	1.1	3.1	0.9	0.0	2.5	**1108**	1270	
USA, Illinois: White	13.0	0.6	3.6	0.9	0.1	3.2	**8169**	9209	
USA, Indiana	12.6	0.6	3.5	0.9	0.1	2.7	**4550**	4960	
USA, Iowa	14.6	0.6	4.8	0.4	0.0	2.4	**2969**	3236	
USA, Kentucky	14.1	0.8	4.3	0.7	0.1	2.4	**3269**	3813	
USA, Louisiana	12.9	0.9	4.7	0.9	0.0	2.5	**3497**	3844	
USA, Louisiana, New Orleans: Black	10.4	0.9	4.5	0.6	-	3.1	**237**	263	
USA, Louisiana, New Orleans: White	12.0	0.7	6.1	1.5	0.2	2.1	**566**	596	
USA, Louisiana: Black	12.0	1.1	4.3	0.5	0.0	2.4	**819**	930	
USA, Louisiana: White	13.2	0.8	4.8	1.1	0.1	2.6	**2647**	2882	
USA, Maine	14.0	0.6	3.3	1.2	0.0	2.5	**1103**	1259	
USA, Massachusetts	13.3	0.9	3.2	0.8	0.0	2.6	**5051**	5724	

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type

Haematopoietic and lymphoid tissues - Female (Contd)

	B-cell	T-cell and NK-cell	Myeloid	Non-Hodgkin lymphoma, NOS	Other	Unspec.	Number of cases MV	Total	
America, North (Contd)									
USA, Michigan	13.6	1.0	3.6	0.8	0.0	2.8	**8119**	8821	
USA, Michigan, Detroit	14.7	1.1	5.8	0.8	0.0	3.0	**4038**	4314	
USA, Michigan, Detroit: Black	14.0	1.7	5.0	0.7	0.0	2.4	**788**	841	
USA, Michigan, Detroit: White	15.1	0.9	6.0	0.8	0.0	3.2	**3179**	3399	
USA, Michigan: Black	14.1	1.7	3.2	0.6	-	2.4	**941**	1024	
USA, Michigan: White	13.4	0.8	3.6	0.8	0.0	2.8	**6982**	7591	
USA, Missouri	12.1	0.7	3.4	1.0	0.0	2.3	**4302**	4793	
USA, Missouri: Black	11.5	1.1	3.1	1.4	0.0	2.5	**379**	412	
USA, Missouri: White	12.2	0.6	3.4	0.9	0.0	2.3	**3876**	4333	
USA, Montana	13.7	0.5	3.1	0.5	0.1	2.4	**673**	789	
USA, New Jersey	14.4	1.0	4.3	0.9	0.1	3.3	**8067**	8833	
USA, New Jersey: Black	15.1	1.5	4.2	0.5	0.0	2.7	**866**	962	
USA, New Jersey: White	14.5	0.9	4.3	0.9	0.1	3.4	**6925**	7567	
USA, New Mexico	11.4	0.7	3.9	0.4	0.1	3.0	**1176**	1353	
USA, New Mexico: American Indian	10.3	0.5	2.2	-	0.3	2.1	**61**	68	
USA, New Mexico: Hispanic White	9.4	0.3	3.7	0.5	0.2	2.9	**321**	364	
USA, New Mexico: Non-Hispanic White	13.0	0.9	4.3	0.5	-	3.6	**778**	901	
USA, New York state	13.8	0.9	4.5	0.9	0.1	3.1	**16013**	19307	
USA, New York state: Black	14.0	1.4	3.7	0.7	0.1	2.6	**1978**	2295	
USA, New York state: White	14.1	0.8	4.7	0.9	0.1	3.2	**13591**	16512	
USA, NPCR	12.6	0.8	3.2	0.8	0.1	2.9	**168138**	185841	
USA, NPCR: Black	12.4	1.1	2.9	0.6	0.0	2.3	**15006**	16844	
USA, NPCR: White	12.7	0.7	3.3	0.9	0.1	2.9	**146647**	162084	
USA, Ohio	11.6	0.8	3.0	1.1	0.0	2.9	**8981**	9648	
USA, Ohio: Black	11.6	1.0	2.7	0.7	-	1.9	**754**	814	
USA, Ohio: White	11.4	0.7	3.0	1.1	0.0	3.0	**7981**	8579	
USA, Oklahoma	10.2	0.5	3.2	1.1	0.1	3.1	**2483**	2704	
USA, Oregon	13.6	0.9	3.2	0.5	0.0	2.8	**2699**	2931	
USA, Pennsylvania	13.9	0.9	3.6	0.8	0.0	2.4	**11259**	12779	
USA, Pennsylvania: Black	13.1	1.0	3.1	0.7	-	2.0	**783**	900	
USA, Pennsylvania: White	13.8	0.8	3.6	0.8	0.0	2.4	**10171**	11545	
USA, Rhode Island	14.3	1.2	3.4	0.4	-	2.3	**986**	1052	
USA, SEER (9 registries)	13.2	1.0	4.5	0.6	0.1	2.7	**21750**	23305	
USA, SEER (9 registries): Black	13.1	1.5	4.2	0.5	0.0	2.2	**1865**	2003	
USA, SEER (9 registries): White	13.7	0.9	4.6	0.7	0.1	2.8	**18297**	19653	
USA, SEER (14 registries)	13.1	0.9	4.3	0.7	0.1	2.7	**57226**	61880	
USA, SEER (14 registries): Asian and Pacific Islander	8.0	0.7	3.4	0.4	0.0	2.0	**2934**	3055	
USA, SEER (14 registries): Black	13.2	1.3	4.1	0.4	0.0	2.2	**4875**	5345	
USA, SEER (14 registries): Hispanic White	11.7	0.7	4.1	0.6	0.1	3.1	**5359**	5647	
USA, SEER (14 registries): Non-hispanic White	13.7	0.9	4.4	0.7	0.1	2.6	**43115**	46836	
USA, South Carolina	11.4	0.8	2.9	1.0	0.1	2.7	**2683**	3087	
USA, South Carolina: Black	11.8	0.8	2.9	0.5	0.1	2.1	**612**	729	
USA, South Carolina: White	11.1	0.7	2.8	1.1	0.1	2.9	**2037**	2302	
USA, Texas	11.8	0.8	3.0	0.9	0.1	3.3	**12180**	14294	
USA, Texas: Black	12.9	1.0	3.2	0.5	0.1	2.5	**1195**	1438	
USA, Texas: White	11.7	0.8	3.0	0.9	0.1	3.5	**10671**	12484	
USA, Utah	12.1	0.6	4.2	0.7	0.1	2.4	**1286**	1345	
USA, Vermont	12.4	0.4	3.4	2.1	-	2.6	**472**	533	
USA, Washington State	14.5	1.0	3.6	0.8	0.1	2.3	**4712**	5021	
USA, Washington, Seattle	14.6	0.9	5.2	0.9	0.1	2.0	**3538**	3687	
USA, West Virginia	12.7	0.6	3.5	1.2	0.0	3.1	**1656**	1808	
USA, Wisconsin	13.2	0.8	3.6	0.6	0.0	3.4	**4609**	4871	
Asia									
Bahrain: Bahraini	2.2	-	3.3	3.9	-	3.0	**79**	87	
China, Guangzhou City	1.2	0.0	2.3	3.3	0.2	3.5	**540**	565	*
China, Hong Kong	4.5	0.4	2.5	0.4	0.0	3.1	**2178**	2408	
China, Jiashan	0.1	-	1.5	0.1	0.1	4.4	**60**	60	*
China, Nangang District, Harbin City	0.8	-	0.4	1.7	0.0	2.8	**106**	127	
China, Shanghai	1.0	0.0	1.5	2.8	0.0	2.5	**1631**	1803	*
China, Zhongshan	0.7	0.1	1.9	1.7	0.1	2.1	**210**	213	*
Cyprus	6.0	0.1	2.5	2.2	0.0	3.0	**314**	318	*
India, Chennai (Madras)	1.1	0.0	1.3	1.2	-	2.0	**515**	529	
India, Karunagappally	2.8	0.4	1.1	0.3	0.1	2.0	**62**	65	
India, Mumbai (Bombay)	1.3	0.0	1.5	1.9	0.0	2.3	**1509**	1509	
India, Nagpur	0.6	-	1.7	0.9	-	2.2	**238**	239	*
India, New Delhi	2.2	-	2.1	3.0	0.0	1.7	**1870**	1870	*
India, Poona	1.0	-	1.1	0.1	-	3.4	**370**	373	*
India, Trivandrum	2.8	0.2	1.6	0.3	-	1.5	**184**	186	*
Israel	15.5	1.5	5.1	1.0	0.0	2.9	**4626**	5188	
Israel: Jews	15.6	1.5	4.8	0.9	0.0	2.9	**4173**	4612	
Israel: Non-Jews	9.9	1.3	3.8	0.6	-	2.2	**312**	344	
Japan, Aichi Prefecture	2.9	0.3	1.5	0.4	0.1	2.2	**280**	280	
Japan, Fukui Prefecture	1.7	0.1	1.6	1.9	0.1	2.7	**328**	389	
Japan, Hiroshima	4.4	0.4	2.6	2.1	0.4	1.8	**410**	548	
Japan, Miyagi Prefecture	4.2	0.4	2.2	0.4	0.0	3.1	**899**	1177	
Japan, Nagasaki Prefecture	2.8	2.8	3.0	1.7	0.1	2.3	**935**	1071	
Japan, Osaka Prefecture	2.5	0.6	1.8	0.6	0.1	2.9	**3299**	3299	
Japan, Yamagata Prefecture	2.3	0.3	2.1	0.9	0.0	2.4	**469**	589	
Korea	2.7	0.4	2.2	0.2	0.1	2.2	**7497**	7997	
Korea, Busan	2.5	0.4	2.1	0.2	0.1	2.0	**679**	718	
Korea, Daegu	2.6	0.3	2.2	0.3	0.0	2.6	**507**	526	
Korea, Daejeon	3.3	0.5	2.2	0.4	0.1	2.2	**271**	286	
Korea, Gwangju	2.5	0.3	2.0	0.8	0.2	2.7	**273**	281	
Korea, Incheon	2.9	0.3	2.2	0.1	0.1	2.1	**458**	473	

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type

Haematopoietic and lymphoid tissues - Female (Contd)

	B-cell	T-cell and NK-cell	Myeloid	Non-Hodgkin lymphoma, NOS	Other	Unspec.	Number of cases MV	Total	
Asia (Contd)									
Korea, Jejudo	2.5	0.5	3.1	0.1	-	1.9	**72**	77	
Korea, Seoul	3.6	0.4	2.5	0.2	0.0	2.8	**2205**	2338	
Korea, Ulsan	2.3	0.3	2.0	0.3	-	1.7	**118**	122	
Kuwait: Kuwaitis	6.4	1.1	2.6	0.8	-	1.1	**180**	181	
Kuwait: Non-Kuwaitis	7.4	0.6	2.4	0.6	0.1	3.7	**128**	133	
Malaysia, Penang	1.6	0.0	2.7	3.3	0.1	2.9	**225**	246	
Malaysia, Sarawak	1.2	0.0	2.3	3.4	0.0	1.7	**354**	368	
Oman: Omani	3.1	0.1	1.8	2.9	-	2.4	**219**	231	*
Pakistan, South Karachi	6.0	-	2.4	0.5	-	1.7	**269**	272	*
Philippines, Manila	3.5	0.2	2.4	1.1	-	4.4	**925**	1166	*
Singapore	4.5	0.7	3.3	0.4	-	2.3	**981**	981	
Singapore: Chinese	4.3	0.7	3.2	0.4	-	2.2	**787**	787	
Singapore: Indian	4.2	0.9	2.9	-	-	2.2	**53**	53	
Singapore: Malay	7.0	0.3	3.8	0.1	-	2.8	**141**	141	
Thailand, Chiang Mai	3.3	0.1	2.1	1.1	0.0	2.6	**357**	357	*
Thailand, Lampang	3.0	0.1	2.0	1.2	-	3.1	**204**	204	*
Thailand, Songkhla	3.0	0.8	1.8	0.7	0.0	2.7	**226**	275	
Turkey, Antalya	4.1	0.2	2.2	0.8	-	2.5	**211**	304	*
Turkey, Izmir	4.5	0.4	2.5	0.6	0.1	1.7	**717**	810	*
Europe									
Austria	4.6	0.4	2.5	1.8	0.1	4.0	**4692**	5341	
Austria, Tyrol	10.2	0.9	5.0	0.3	0.1	1.3	**507**	516	
Austria, Vorarlberg	6.3	0.1	2.9	1.3	-	5.6	**191**	213	
Belarus	3.1	0.1	2.5	2.1	0.0	1.9	**3804**	3889	*
Belgium, Antwerp	7.3	0.4	2.1	1.2	0.0	0.9	**1007**	1012	*
Belgium, Flanders	8.4	0.6	3.7	2.7	0.3	2.1	**3913**	3979	
Bulgaria	2.4	0.1	1.9	1.4	0.0	2.3	**2601**	2601	*
Croatia	4.7	0.0	3.1	3.9	0.1	2.6	**2365**	2765	
Czech Republic	6.9	0.4	4.0	1.2	0.1	2.3	**5794**	6909	
Denmark	9.9	0.7	3.1	0.8	0.0	2.5	**3937**	4145	
Estonia	7.2	0.4	2.4	0.2	0.3	2.6	**833**	853	
Finland *(data not available)*	-	-	-	-	-	-	**-**	-	
France, Bas-Rhin	10.8	0.4	5.7	0.5	0.1	1.5	**774**	851	
France, Calvados	10.4	0.5	5.7	0.2	0.1	1.4	**552**	559	
France, Doubs	11.8	0.2	6.1	0.2	-	1.7	**473**	473	
France, Haut-Rhin	11.9	0.3	3.6	0.9	0.0	2.3	**575**	597	
France, Herault	11.6	0.3	4.5	0.5	0.1	1.5	**787**	788	
France, Isere	11.5	0.1	6.1	0.9	0.2	0.9	**935**	969	
France, Loire-Atlantique	12.4	0.4	3.8	1.4	0.2	2.1	**1013**	1033	
France, Manche	11.5	0.9	5.6	0.3	-	0.6	**490**	496	
France, Somme	9.4	0.5	4.1	0.6	-	1.8	**389**	409	
France, Tarn	9.9	0.1	5.3	0.2	-	2.2	**355**	360	
France, Vendee	8.4	0.3	2.6	1.4	0.0	1.8	**381**	392	
Germany, Brandenburg *(data not available)*	-	-	-	-	-	-	**-**	-	
Germany, Free State of Saxony *(data not available)*	-	-	-	-	-	-	**-**	-	
Germany, Hamburg	7.1	0.5	2.8	3.3	0.0	1.6	**1056**	1431	
Germany, Mecklenburg-Western Pomerania *(data not available)*	-	-	-	-	-	-	**-**	-	
Germany, Munich	6.6	0.2	3.3	1.4	-	1.9	**1295**	1660	
Germany, Northrhine-Westphalia: Munster	7.6	0.3	4.5	2.4	0.0	2.6	**1877**	2263	
Germany, Saarland	9.3	0.4	2.6	1.0	-	1.4	**803**	881	
Iceland	10.9	0.5	2.6	-	-	2.1	**161**	161	
Ireland	8.1	0.6	4.8	2.3	0.0	4.0	**2588**	2755	
Italy, Biella Province	13.5	0.2	6.7	0.6	-	0.7	**273**	287	
Italy, Brescia Province	10.3	0.7	3.4	3.9	0.1	2.5	**602**	641	
Italy, Ferrara Province	11.2	1.5	3.6	0.7	0.1	1.8	**426**	444	
Italy, Florence and Prato	9.1	0.6	7.6	2.5	0.2	3.1	**1108**	1576	
Italy, Genoa Province	11.7	0.8	6.0	0.5	0.2	2.7	**662**	790	
Italy, Macerata Province	6.9	0.1	2.8	2.4	-	3.3	**145**	163	
Italy, Milan	11.8	0.6	3.3	1.6	0.0	1.8	**1230**	1230	
Italy, Modena Province	14.3	1.7	3.0	0.4	0.2	1.8	**711**	715	
Italy, Naples	9.1	0.6	4.4	1.5	0.1	6.0	**289**	368	
Italy, North East Cancer Surveillance Network	8.0	0.6	3.4	3.8	0.2	4.2	**2278**	2307	
Italy, Parma Province	13.7	0.4	4.0	4.3	0.4	4.5	**618**	618	
Italy, Ragusa Province	9.9	0.6	8.1	1.0	-	2.7	**282**	304	
Italy, Reggio Emilia Province	4.6	0.4	3.3	10.8	0.3	0.9	**505**	510	
Italy, Romagna Region	13.0	0.4	3.0	1.8	0.1	2.3	**1221**	1256	
Italy, Salerno Province	7.9	1.1	2.9	2.7	0.0	3.6	**619**	670	
Italy, Sassari Province	11.7	0.4	2.7	0.7	-	2.1	**349**	366	
Italy, Sondrio	11.3	0.6	2.8	2.4	-	2.8	**165**	176	
Italy, Syracuse Province	8.0	1.1	4.8	0.9	-	1.8	**190**	213	
Italy, Torino	10.4	0.7	4.5	2.6	0.0	2.8	**1044**	1088	
Italy, Umbria Region	4.9	0.3	3.0	2.0	0.4	7.0	**630**	822	
Italy, Varese Province	9.6	0.8	3.9	5.7	0.1	4.2	**497**	538	
Italy, Veneto Region	7.7	0.9	3.1	3.2	0.1	4.4	**1561**	1719	
Latvia	3.5	0.4	3.3	0.9	0.2	3.2	**1198**	1268	
Lithuania	5.0	0.5	3.0	1.1	0.0	3.1	**1920**	1920	
Malta	6.5	1.5	4.6	2.3	0.2	2.0	**244**	252	
Norway	9.7	0.6	3.3	2.6	0.0	1.5	**3568**	3726	
Poland, Cracow	3.4	0.1	2.6	0.4	0.1	6.4	**314**	389	*
Poland, Kielce *(data not available)*	-	-	-	-	-	-	**-**	-	
Poland, Warsaw City	4.8	0.2	2.3	1.0	0.1	2.7	**819**	869	
Portugal, Porto	3.0	0.1	2.6	3.2	0.1	2.5	**1306**	1308	*
Portugal, South Regional	5.5	0.4	3.9	4.0	0.1	2.2	**1948**	1964	
Russia, St Petersburg	4.2	0.1	2.4	0.3	0.0	3.4	**2257**	2285	

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Age-standardized (world) incidence rates (per 100,000) by histological type
Haematopoietic and lymphoid tissues - Female (Contd)

	B-cell	T-cell and NK-cell	Myeloid	Non-Hodgkin lymphoma, NOS	Other	Unspec.	Number of cases MV	Number of cases Total
Europe (Contd)								
Serbia	3.8	0.2	1.5	1.4	0.0	2.3	**1476**	1631
Slovak Republic	7.5	0.2	3.8	0.6	0.1	2.1	**2673**	2909
Slovenia	7.9	0.7	3.4	1.2	0.0	2.2	**1339**	1339
Spain, Albacete	7.3	0.8	4.0	1.8	0.1	2.8	**210**	220
Spain, Asturias	8.1	0.6	2.1	1.6	-	3.6	**862**	939
Spain, Basque Country	8.0	0.6	2.0	1.0	0.2	2.4	**1082**	1161
Spain, Canary Islands	10.7	0.7	2.5	2.1	0.0	2.3	**867**	935
Spain, Cuenca	4.7	0.1	2.2	0.4	1.0	3.4	**95**	108
Spain, Girona	12.8	1.2	5.2	0.2	0.0	0.7	**478**	498
Spain, Granada	8.7	1.0	3.0	0.1	0.1	1.6	**462**	485
Spain, Murcia	8.8	1.1	2.9	0.9	0.1	3.4	**656**	739
Spain, Navarra	7.2	1.1	1.9	0.4	0.1	3.1	**326**	351
Spain, Tarragona	7.7	0.6	2.5	2.3	0.5	2.7	**359**	377
Spain, Zaragoza	6.7	0.3	1.9	1.2	0.2	4.0	**531**	563
Sweden	7.4	0.5	5.0	1.1	0.0	4.2	**8026**	8039
Switzerland, Geneva	8.1	0.6	4.0	2.8	-	2.0	**362**	371
Switzerland, Graubunden and Glarus	8.5	1.1	2.4	-	0.3	3.4	**159**	171
Switzerland, Neuchatel	6.4	0.0	3.0	2.4	-	2.3	**120**	120
Switzerland, St Gall-Appenzell	10.8	0.5	4.7	0.8	0.1	1.4	**412**	412
Switzerland, Ticino	11.9	1.2	2.0	1.0	0.3	2.3	**291**	315
Switzerland, Valais	9.4	0.7	3.1	0.9	-	1.5	**179**	191
Switzerland, Vaud	8.3	0.1	2.5	2.9	0.1	2.0	**439**	477
The Netherlands	9.9	0.7	3.3	0.8	0.0	1.4	**10522**	10694
The Netherlands, Eindhoven	9.1	0.7	3.6	1.1	0.1	1.4	**622**	647
The Netherlands, Maastricht	8.6	0.5	2.8	1.0	-	0.6	**516**	530
UK, England, East of England Region	8.2	0.5	5.3	1.1	0.1	3.7	**2241**	2609
UK, England, Merseyside and Cheshire	5.2	0.5	4.1	3.7	-	2.8	**1359**	1931
UK, England, North Western	7.7	0.5	5.0	2.0	0.0	2.7	**2768**	3643
UK, England, Northern And Yorkshire	9.2	0.4	5.6	1.8	0.0	2.5	**4282**	6416
UK, England, Oxford Region	9.5	0.4	2.9	1.6	-	2.6	**1882**	1962
UK, England, South and Western Regions	9.2	0.5	7.3	1.6	0.1	4.4	**4912**	8705
UK, England, Thames	7.3	0.3	5.3	3.4	0.1	2.9	**9474**	12706
UK, England, Trent	8.3	0.7	5.9	1.0	0.1	3.7	**4129**	4876
UK, England, West Midlands	8.4	0.7	4.9	2.3	0.1	2.3	**3912**	4777
UK, Northern Ireland	6.6	0.6	2.5	1.6	0.0	6.3	**975**	1235
UK, Scotland	10.1	0.7	7.3	0.9	0.0	3.2	**5427**	5738
Oceania								
Australia, New South Wales	11.5	0.6	5.2	1.7	0.1	2.9	**5077**	5962
Australia, Northern Territory *(data not available)*	-	-	-	-	-	-	-	-
Australia, Queensland	13.3	0.6	7.4	1.1	0.1	2.7	**2803**	3446
Australia, South	14.6	0.6	4.0	0.4	-	4.7	**1518**	1621
Australia, Tasmania	11.4	0.3	3.7	1.5	0.1	2.8	**392**	407
Australia, Victoria	12.6	0.6	6.2	1.0	0.0	2.9	**4580**	4879
Australia, Western	10.9	0.6	5.3	1.6	0.0	2.4	**1299**	1453
Australian Capital Territory	12.2	0.8	4.8	1.7	-	2.3	**181**	219
French Polynesia	6.8	-	6.0	2.6	-	3.8	**82**	86
New Zealand	13.1	0.7	3.7	1.4	0.0	2.9	**3146**	3253
USA, Hawaii	9.6	1.0	3.9	0.7	-	3.2	**845**	879
USA, Hawaii: Chinese	7.4	0.3	2.7	1.2	-	1.2	**55**	56
USA, Hawaii: Filipino	7.8	0.9	2.8	0.7	-	2.9	**109**	112
USA, Hawaii: Hawaiian	12.0	0.8	5.3	0.8	-	2.8	**117**	122
USA, Hawaii: Japanese	7.8	0.8	3.6	0.4	-	3.7	**234**	247
USA, Hawaii: White	12.8	1.2	3.7	0.7	-	3.4	**243**	251

*Important. See note on population page.

Note: The rates are based on the histological groups described in Chapter 4.

Indices of data quality

Indices of data quality
Oral cavity pharynx (C00-14)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	263	94.3		0.0		66	100.0		0.0	*
Egypt, Gharbiah	285	97.5	2.1	0.0	15.4	209	97.1	0.0	0.0	15.8
Tunisia, Centre, Sousse	83	100.0		0.0		35	100.0		0.0	*
Uganda, Kyadondo County	93	65.6		0.0		61	68.9		0.0	*
Zimbabwe, Harare: African	66	71.2	4.5	0.0		45	73.3	4.4	0.0	*
America, Central and South										
Argentina, Bahia Blanca	83	92.8	2.4	3.6	49.4	36	97.2	2.8	0.0	38.9
Brazil, Brasilia	398	91.7	2.3	5.8	31.7	153	88.2	0.7	11.1	17.0
Brazil, Cuiaba	139	87.1	7.2	2.2	36.0	41	75.6	17.1	0.0	26.8
Brazil, Goiania	286	99.0	0.7	0.0	48.6	71	97.2	1.4	0.0	36.6
Brazil, Sao Paulo	5006	85.5	4.9	0.0	35.3	1682	79.5	5.5	0.0	22.1
Chile, Valdivia	21	81.0	9.5	0.0	47.6	10	80.0	0.0	0.0	80.0
Colombia, Cali	180	86.7	3.9	0.0	50.6	163	92.0	0.6	0.0	34.4
Costa Rica	355	93.5	3.9	0.0	51.5	181	92.3	3.9	0.0	42.5
Ecuador, Quito	49	89.8	8.2	0.0	49.0	43	90.7	4.7	0.0	46.5
France, La Martinique	188	96.3		1.1	47.9	47	95.7		2.1	34.6
Peru, Trujillo	34	100.0	0.0	0.0		29	100.0	0.0	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	7960	96.2	0.6	2.5	31.4	3803	94.8	0.5	4.0	31.5
Canada, Alberta	853	98.9	0.0	0.0	27.4	398	98.5	0.0	0.0	32.4
Canada, British Columbia	1239	98.1	0.5	0.1	33.7	685	98.2	0.4	0.1	30.9
Canada, Manitoba	512	98.6	0.6	0.0	23.2	234	98.3	0.4	0.0	27.8
Canada, New Brunswick	277	97.1	0.0	0.0	30.7	89	98.9	0.0	0.0	36.0
Canada, Newfoundland and Labrador	276	99.6		0.0	22.8	67	100.0		0.0	17.9
Canada, Northwest Territories	7	100.0	0.0	0.0	42.9	4	100.0	0.0	0.0	50.0
Canada, Nova Scotia	386	98.2	0.5	0.0	36.5	158	96.2	0.0	0.0	25.3
Canada, Ontario	4015	94.1	0.7	4.9	33.1	1965	91.5	0.8	7.6	32.9
Canada, Prince Edward Island	46	100.0	0.0	0.0	41.3	31	100.0	0.0	0.0	12.9
Canada, Saskatchewan	349	97.4	0.9	0.0	24.6	172	99.4	0.6	0.0	33.1
USA, Alabama	1811	98.1	0.9	0.6	25.6	795	97.7	0.3	1.9	27.4
USA, Alabama: Black	321	96.9	1.2	0.6	41.7	130	98.5	0.0	0.8	26.9
USA, Alabama: White	1475	98.4	0.7	0.6	22.3	651	97.5	0.3	2.2	28.1
USA, Alaska	180	97.8	0.6	0.6	26.1	67	97.0	1.5	0.0	26.9
USA, Arizona	1545	97.2	0.5	1.5	26.8	678	97.2	0.4	1.5	26.5
USA, California	10472	98.6	0.4	0.5	25.4	5171	98.1	0.7	0.5	29.8
USA, California: Asian and Pacific Islander	896	99.1	0.1	0.4	34.7	536	98.9	0.6	0.2	27.8
USA, California: Black	664	98.9	0.3	0.3	34.5	318	98.4	0.9	0.0	36.5
USA, California: Hispanic White	1016	98.6	0.2	0.4	26.0	485	98.1	0.0	1.0	21.0
USA, California: Non-Hispanic White	7733	98.5	0.4	0.5	23.9	3711	98.0	0.8	0.6	31.5
USA, California, Greater San Francisco Bay Area	2102	99.0	0.3	0.1	26.1	1103	97.6	1.2	0.6	31.0
USA, California, Greater San Francisco Bay Area: Black	142	98.6	0.7	0.0	38.7	75	100.0	0.0	0.0	38.7
USA, California, Greater San Francisco Bay Area: Chinese	197	99.0	0.0	0.5		110	97.3	0.9	0.0	
USA, California, Greater San Francisco Bay Area: Filipino	64	100.0	0.0	0.0		33	97.0	3.0	0.0	
USA, California, Greater San Francisco Bay Area: Japanese	12	100.0	0.0	0.0		7	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Hispanic White	154	99.4	0.6	0.0	18.8	72	100.0	0.0	0.0	15.3
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	1433	98.8	0.3	0.1	23.0	720	97.2	1.5	0.7	35.1
USA, California, Los Angeles County	2551	99.1	0.3	0.4	25.4	1280	98.4	0.5	0.2	29.4
USA, California, Los Angeles County: Black	323	99.7	0.0	0.3	32.8	154	98.1	1.3	0.0	35.1
USA, California, Los Angeles County: Chinese	100	98.0	0.0	1.0	46.0	58	100.0	0.0	0.0	41.4
USA, California, Los Angeles County: Filipino	48	100.0	0.0	0.0	37.5	39	97.4	2.6	0.0	23.1
USA, California, Los Angeles County: Japanese	25	100.0	0.0	0.0	40.0	23	100.0	0.0	0.0	21.7
USA, California, Los Angeles County: Korean	33	100.0	0.0	0.0	24.2	10	100.0	0.0	0.0	50.0
USA, California, Los Angeles County: Hispanic White	386	99.2	0.0	0.5	26.9	196	98.0	0.0	0.5	20.9
USA, California, Los Angeles County: Non-Hispanic White	1531	99.0	0.4	0.3	22.4	745	98.4	0.5	0.3	30.9
USA, Colorado	1124	97.5	0.8	0.5	20.7	549	98.2	0.2	0.9	21.1
USA, Connecticut	1207	99.4	0.2	0.1	24.7	619	98.4	0.5	0.3	23.7
USA, Connecticut: Black	97	99.0	1.0	0.0	38.1	43	100.0	0.0	0.0	20.9
USA, Connecticut: White	1089	99.5	0.2	0.1	23.7	560	98.4	0.4	0.4	24.5
USA, District of Columbia	288	95.5	1.7	0.7	35.4	100	99.0	1.0	0.0	31.0
USA, District of Columbia: Black	223	96.0	2.2	0.0	41.3	69	98.6	1.4	0.0	33.3
USA, District of Columbia: White	58	98.3	0.0	0.0	17.2	28	100.0	0.0	0.0	28.6
USA, Florida	8128	96.0	2.7	0.5	26.5	3871	97.0	2.1	0.2	26.4
USA, Florida: Black	686	94.2	3.2	0.4	34.0	314	98.4	1.0	0.3	30.3
USA, Florida: White	7344	96.2	2.6	0.5	25.9	3494	96.9	2.2	0.2	26.3
USA, Georgia	2737	97.7	0.8	0.5	24.9	1315	96.0	2.3	0.7	28.2
USA, Georgia: Black	641	96.7	1.4	0.3	36.3	289	95.5	2.1	1.4	31.8
USA, Georgia: White	2069	98.0	0.6	0.5	21.5	1007	96.3	2.4	0.3	27.1
USA, Georgia, Atlanta	741	98.4	0.1	0.5	19.8	379	97.1	1.3	0.8	23.5
USA, Georgia, Atlanta: Black	229	98.3	0.4	0.0	27.1	117	98.3	0.9	0.9	27.4
USA, Georgia, Atlanta: White	494	98.4	0.0	0.8	16.8	250	97.2	1.6	0.0	21.6
USA, Idaho	453	97.8	2.2	0.0	21.4	214	96.7	2.3	0.0	28.5
USA, Illinois	4333	98.1	1.2	0.4	25.2	2029	98.2	1.2	0.1	24.2
USA, Illinois: Black	705	97.7	1.4	0.6	33.2	256	96.5	2.3	0.4	33.2
USA, Illinois: White	3485	98.1	1.1	0.3	24.0	1686	98.4	1.1	0.1	23.4
USA, Indiana	2156	98.7	0.6	0.2	21.4	941	97.6	1.0	1.0	25.9
USA, Iowa	1164	98.6	0.5	0.2	21.1	557	98.4	0.7	0.2	23.5
USA, Kentucky	1701	96.4	0.8	1.9	26.3	674	97.0	0.9	1.3	28.6
USA, Louisiana	1842	97.6	0.7	0.2	28.9	718	97.1	1.0	0.7	32.7
USA, Louisiana: Black	468	97.2	1.1	0.0	39.5	168	96.4	0.6	1.2	36.3
USA, Louisiana: White	1356	97.9	0.6	0.2	25.4	545	97.2	1.1	0.6	31.9
USA, Louisiana, New Orleans: Black	119	98.3	0.0	0.0	42.9	53	100.0	0.0	0.0	39.6
USA, Louisiana, New Orleans: White	265	98.1	0.4	0.0	36.2	123	97.6	0.0	0.8	38.2

*Important. See note on population page.

Indices of data quality
Oral cavity pharynx (C00-14) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	593	97.0	0.3	1.7	23.6	268	95.9	1.5	1.9	26.1
USA, Massachusetts	2343	97.7	0.9	0.7	25.9	1253	97.4	1.0	1.0	27.1
USA, Michigan	3651	98.0	0.4	0.9	22.5	1772	97.9	0.8	0.5	25.5
USA, Michigan: Black	557	98.2	0.0	0.9	26.8	183	98.9	0.0	0.5	30.1
USA, Michigan: White	3005	98.0	0.5	1.0	21.9	1533	97.7	0.9	0.5	25.4
USA, Michigan, Detroit	1624	98.8	0.5	0.2	21.9	768	98.7	0.3	0.1	24.1
USA, Michigan, Detroit: Black	459	99.3	0.0	0.2	24.8	141	100.0	0.0	0.0	31.2
USA, Michigan, Detroit: White	1142	98.5	0.7	0.3	20.7	613	98.4	0.3	0.2	22.0
USA, Missouri	2036	97.9	1.0	0.8	23.1	905	97.0	1.5	1.0	30.1
USA, Missouri: Black	193	97.9	1.0	1.0	32.6	47	97.9	0.0	2.1	51.1
USA, Missouri: White	1817	97.9	1.0	0.8	22.0	846	96.9	1.7	0.9	29.1
USA, Montana	348	97.4	2.3	0.0	19.5	140	92.1	4.3	2.9	33.6
USA, NPCR	79486	97.5	1.1	0.7	25.6	37828	97.1	1.3	0.8	27.2
USA, NPCR: Black	8566	96.9	1.5	0.7	36.0	3526	97.1	1.2	0.8	31.8
USA, NPCR: White	67751	97.5	1.1	0.7	24.5	32483	97.1	1.4	0.8	27.3
USA, New Jersey	2875	98.4	0.4	0.7	25.9	1511	97.3	1.3	0.8	25.7
USA, New Jersey: Black	426	97.9	0.7	0.7	39.0	176	96.0	0.6	3.4	32.4
USA, New Jersey: White	2317	98.4	0.3	0.8	24.0	1251	97.3	1.4	0.5	25.7
USA, New Mexico	559	97.9	0.7	0.2	21.6	243	96.7	0.4	0.8	23.5
USA, New Mexico: American Indian	18	100.0	0.0	0.0	22.2	8	100.0	0.0	0.0	25.0
USA, New Mexico: Hispanic White	115	98.3	0.9	0.0	32.2	46	97.8	0.0	0.0	21.7
USA, New Mexico: Non-Hispanic White	418	97.6	0.7	0.2	17.7	183	96.7	0.5	0.5	24.6
USA, New York State	6234	96.5	1.2	1.1	25.9	3295	95.1	1.6	1.4	25.6
USA, New York State: Black	871	96.2	1.5	1.4	35.1	434	96.5	1.2	1.2	31.6
USA, New York State: White	5026	96.5	1.1	1.0	24.2	2713	94.8	1.8	1.5	24.9
USA, Ohio	3555	97.1	1.5	0.9	30.0	1790	97.7	1.3	0.8	27.5
USA, Ohio: Black	396	94.9	3.0	1.3	40.4	162	97.5	1.9	0.0	32.1
USA, Ohio: White	3045	97.4	1.3	0.9	29.6	1559	97.6	1.3	0.9	28.3
USA, Oklahoma	1394	96.4	1.4	0.5	21.5	548	94.2	3.1	0.5	27.6
USA, Oregon	1292	97.8	1.1	0.3	23.8	655	99.1	0.5	0.0	31.1
USA, Pennsylvania	4604	98.7	0.2	0.4	25.1	2224	98.2	0.7	0.5	25.9
USA, Pennsylvania: Black	501	98.4	0.2	0.2	29.9	226	98.2	0.4	0.4	26.1
USA, Pennsylvania: White	3957	98.7	0.2	0.5	25.2	1943	98.2	0.8	0.6	26.2
USA, Rhode Island	364	99.5	0.5	0.0	24.5	188	98.9	1.1	0.0	32.4
USA, SEER (9 Registries)	9008	98.8	0.4	0.2	23.8	4493	98.2	0.6	0.4	25.5
USA, SEER (9 Registries): Black	966	99.0	0.3	0.1	28.5	396	99.5	0.3	0.3	30.1
USA, SEER (9 Registries): White	7304	98.7	0.4	0.2	22.3	3667	98.2	0.6	0.2	25.4
USA, SEER (14 Registries)	24558	98.4	0.4	0.5	25.3	11833	97.9	0.7	0.6	27.8
USA, SEER (14 Registries): Asian and Pacific Islander	1428	99.1	0.1	0.4	32.4	821	98.5	0.6	0.6	25.5
USA, SEER (14 Registries): Black	2534	98.3	0.5	0.3	33.8	1047	98.0	0.6	1.0	33.2
USA, SEER (14 Registries): Hispanic White	1456	98.5	0.3	0.4	24.8	685	98.1	0.1	0.7	20.3
USA, SEER (14 Registries): Non-Hispanic White	18821	98.4	0.4	0.5	23.8	9072	97.8	0.8	0.5	28.4
USA, South Carolina	1759	97.2	0.8	1.5	30.0	719	96.8	1.0	1.3	28.5
USA, South Carolina: Black	528	97.7	0.8	0.8	44.7	173	96.5	1.7	1.2	37.6
USA, South Carolina: White	1216	96.9	0.8	1.8	23.8	538	96.8	0.7	1.3	26.0
USA, Texas	6431	95.8	2.3	1.5	27.7	2787	94.8	2.8	1.5	28.4
USA, Texas: Black	625	93.9	4.0	1.8	44.8	281	93.6	2.8	1.8	29.2
USA, Texas: White	5661	96.1	2.1	1.4	25.9	2426	95.1	2.9	1.2	28.9
USA, Utah	450	98.9	0.2	0.0	21.8	231	98.7	0.0	0.0	20.3
USA, Vermont	210	97.6	1.9	0.0	25.2	93	94.6	3.2	0.0	31.2
USA, Washington State	1991	98.4	0.5	0.4	25.4	1030	98.5	0.2	0.5	26.7
USA, Washington, Seattle	1366	98.8	0.2	0.1	26.3	698	98.4	0.3	0.3	27.4
USA, West Virginia	745	97.6	0.5	0.5	26.6	337	97.9	1.2	0.0	25.5
USA, Wisconsin	1939	96.3	1.4	1.8	25.0	1002	93.9	2.0	3.3	27.6
Asia										
Bahrain: Bahraini	39	89.7	10.3	0.0	38.5	17	94.1	5.9	0.0	47.1
China, Guangzhou City	1671	86.2	0.0	0.2	42.4	771	88.8	0.1	0.0	33.3*
China, Hong Kong	5254	95.9	0.2	0.0	41.1	2093	94.8	0.3	0.0	29.3
China, Jiashan	83	96.4	0.0	0.0		33	93.9	0.0	0.0	*
China, Nangang District, Harbin City	74	90.5	5.4	0.0	55.4	37	83.8	0.0	0.0	40.5
China, Shanghai	1512	87.2	0.5	0.0	47.4	853	88.4	0.7	0.0	35.4*
China, Zhongshan	1133	98.3	0.0	0.0		418	98.6	0.0	0.0	*
Cyprus	79	100.0		0.0	28.5	53	96.2		1.9	4.7*
India, Chennai (Madras)	1915	83.3	1.0	0.3	39.4	886	80.9	1.1	0.2	30.4
India, New Delhi	3490	87.6	1.0	0.0		1013	86.2	0.5	0.0	*
India, Karunagappally	176	92.0	0.0	0.0	1.7	82	80.5	0.0	0.0	
India, Mumbai (Bombay)	4297	85.5	5.5	0.0	29.9	1628	84.9	5.3	0.0	28.0
India, Nagpur	754	96.0	0.0	0.0		296	95.9	0.0	0.0	*
India, Poona	1014	86.9	4.2	0.0		607	90.3	2.6	0.0	*
India, Trivandrum	584	93.8	2.2	0.2		241	90.5	3.3	0.0	*
Israel	962	93.2	0.8	2.5	27.5	576	92.5	1.6	2.8	29.9
Israel: Jews	854	95.0	0.9	1.4		525	93.3	1.7	1.9	
Israel: Non-Jews	83	95.2	0.0	2.4		34	100.0	0.0	0.0	
Japan, Aichi Prefecture	213	93.0	7.0	0.0	46.0	98	87.8	10.2	2.0	35.7
Japan, Fukui Prefecture	137	87.6	5.1	0.0	62.0	75	81.3	6.7	2.7	69.3
Japan, Hiroshima	331	93.4	1.8	0.0	36.6	121	92.6	0.8	0.0	38.8
Japan, Miyagi Prefecture	650	90.0	3.2	0.0	47.2	281	86.8	7.1	0.0	50.2
Japan, Nagasaki Prefecture	548	92.7	2.9	0.7	45.8	226	94.7	0.9	0.0	38.9
Japan, Osaka Prefecture	2299	81.3	8.5	0.0	56.1	884	83.4	8.9	0.0	56.0
Japan, Yamagata Prefecture	341	88.3	7.0	1.2	63.0	156	87.2	8.3	0.6	64.1

*Important. See note on population page.

Indices of data quality
Oral cavity pharynx (C00-14) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	5641	87.1	5.7	0.0	41.5	2085	77.8	15.1	0.0	40.5
Korea, Busan	490	90.4	2.4	0.0	41.2	197	84.8	6.6	0.0	36.5
Korea, Daegu	349	96.6	1.1	0.0	34.1	111	89.2	5.4	0.0	35.1
Korea, Daejeon	146	91.1	6.2	0.0	43.8	60	80.0	10.0	0.0	36.7
Korea, Gwangju	187	89.8	4.3	0.0	35.3	79	78.5	17.7	0.0	48.1
Korea, Incheon	291	85.6	3.8	0.0	44.0	107	85.0	3.7	0.0	33.6
Korea, Jejudo	59	91.5	1.7	0.0	53.4	13	76.9	23.1	0.0	80.8
Korea, Seoul	1417	88.1	5.4	0.0	31.5	565	82.7	12.0	0.0	30.8
Korea, Ulsan	77	80.5	9.1	0.0	41.6	32	71.9	18.8	0.0	34.4
Kuwait: Kuwaitis	45	95.6	4.4	0.0		37	97.3	2.7	0.0	
Kuwait: Non-Kuwaitis	92	95.7	2.2	0.0		34	100.0	0.0	0.0	
Malaysia, Penang	350	96.9	1.1	0.0	17.1	162	95.1	1.2	0.0	12.3
Malaysia, Sarawak	775	92.9	4.3	0.3	18.1	412	92.2	4.6	0.0	19.4
Oman: Omani	77	97.4	0.0	0.0		37	81.1	2.7	2.7	*
Pakistan, South Karachi	862	99.2	0.0	0.0		478	96.9	0.4	0.0	*
Philippines, Manila	973	77.7	8.7	0.0		600	80.2	7.7	0.0	*
Singapore	1575	99.2	0.0	0.0	50.8	591	99.3	0.2	0.0	40.9
Singapore: Chinese	1409	99.3	0.0	0.0		519	99.2	0.2	0.0	
Singapore: Indian	68	97.1	0.0	0.0		30	100.0	0.0	0.0	
Singapore: Malay	98	99.0	0.0	0.0		42	100.0	0.0	0.0	
Thailand, Chiang Mai	466	96.8	0.0	0.0	1.9	243	95.9	0.4	0.0	1.6*
Thailand, Lampang	155	86.5	0.6	0.0	79.4	131	86.3	0.8	0.0	67.9*
Thailand, Songkhla	462	97.0	2.4	0.2	58.0	145	95.2	4.1	0.0	151.0
Turkey, Antalya	194	95.9	2.6	0.0	14.9	82	91.5	0.0	0.0	7.3*
Turkey, Izmir	461	97.0	0.0	0.9	15.0	213	97.7	0.0	0.9	18.3*
Europe										
Austria	3352	95.5	4.0	0.1	53.2	1105	93.4	5.7	0.2	49.2
Austria, Tyrol	284	99.6	0.4	0.0	46.5	83	98.8	0.0	0.0	48.2
Austria, Vorarlberg	130	94.6	2.3	0.8	36.2	62	96.8	1.6	1.6	43.5
Belarus	5048	98.3		0.0	51.3	926	97.0		0.0	42.1*
Belgium, Antwerp	592	99.5		0.0		201	100.0		0.0	*
Belgium, Flanders	2208	98.1		1.3	37.3	650	97.7		2.3	38.0
Bulgaria	3438	89.8	5.0	0.0	41.0	848	87.0	7.5	0.0	35.7*
Croatia	3175	82.9	3.5	13.6	51.0	688	71.5	4.2	24.0	32.0
Czech Republic	4184	95.5	2.2	1.1	57.2	1165	93.5	2.7	2.1	48.8
Denmark	2261	97.9	0.2	1.5	41.4	1080	97.4	0.2	1.7	43.2
Estonia	566	95.6	0.4	0.0	71.6	194	93.8	0.0	0.0	55.2
Finland	1393	99.4	0.1	0.3	31.1	854	97.5	0.4	1.2	32.4
France, Bas-Rhin	975	99.5		0.0	35.2	187	98.9		0.5	27.3
France, Calvados	697	98.9		0.0	33.1	135	100.0		0.0	23.7
France, Doubs	420	99.5		0.0	35.0	85	100.0		0.0	32.9
France, Haut-Rhin	578	99.3		0.5	36.5	136	97.8		2.2	30.9
France, Herault	715	99.9		0.0	30.1	192	100.0		0.0	22.9
France, Isere	742	99.2		0.5	37.7	156	99.4		0.0	37.2
France, Loire-Atlantique	1190	99.7		0.0	37.9	206	99.5		0.0	31.6
France, Manche	608	99.5		0.0	35.4	80	100.0		0.0	21.3
France, Somme	684	98.4	0.1	0.7	40.1	106	97.2	0.0	0.9	30.2
France, Tarn	247	100.0		0.0	34.0	66	100.0		0.0	31.8
France, Vendee	493	97.8		1.2	51.5	70	98.6		0.0	32.9
Germany, Brandenburg	1356	88.9	8.4	2.1	107.4	318	87.4	9.4	3.1	97.8
Germany, Free State of Saxony	2080	96.2	3.3	0.0	36.9	586	93.0	6.3	0.0	30.5
Germany, Hamburg	909	88.0	2.6	0.0	46.0	388	80.2	4.1	0.0	40.7
Germany, Mecklenburg-Western Pomerania	1176	93.7	6.1	0.0	30.9	241	88.4	10.8	0.4	27.4
Germany, Munich	1249	94.6	2.3	0.0	43.8	423	92.4	3.3	0.0	39.2
Germany, Northrhine-Westphalia: Munster	1084	88.2	5.7	0.8	48.4	390	86.9	7.4	0.8	46.4
Germany, Saarland	767	99.0	0.4	0.0	45.1	212	95.8	0.9	0.0	38.2
Iceland	56	100.0	0.0	0.0	30.4	45	100.0	0.0	0.0	33.3
Ireland	915	97.5	1.2	0.1	49.7	361	93.1	1.7	0.8	51.0
Italy, Biella Province	116	96.6	0.9	0.0	65.5	33	97.0	0.0	0.0	51.5
Italy, Brescia Province	309	92.2	1.0	0.0	53.4	108	90.7	2.8	0.0	45.4
Italy, Ferrara Province	219	94.1	0.5	0.0	38.8	69	91.3	4.3	0.0	34.8
Italy, Florence and Prato	422	92.2	0.2	0.0	37.2	200	89.5	1.0	0.0	42.5
Italy, Genoa Province	270	95.2	0.7	0.0	49.6	128	85.9	0.8	0.0	46.1
Italy, Macerata Province	31	96.8	0.0	0.0	51.6	12	83.3	8.3	0.0	50.0
Italy, Milan	423	98.1	0.2	0.0	52.2	216	97.2	0.5	0.0	41.2
Italy, Modena Province	175	96.6	0.6	0.0	50.9	86	97.7	0.0	0.0	44.2
Italy, Naples	117	84.6	0.9	0.0	37.0	36	83.3	0.0	0.0	41.7
Italy, North East Cancer Surveillance Network	1621	97.5	0.3	0.0	48.3	485	95.5	0.6	0.0	41.0
Italy, Parma Province	181	98.3	0.6	0.0	43.1	62	98.4	0.0	0.0	46.8
Italy, Ragusa Province	80	93.8	2.5	0.0	47.5	30	76.7	10.0	3.3	43.3
Italy, Reggio Emilia Province	137	94.2	0.0	0.0	47.4	72	80.6	0.0	0.0	40.3
Italy, Romagna Region	307	96.4	0.7	0.0	41.4	131	91.6	3.1	0.0	52.7
Italy, Salerno Province	197	83.8	2.0	0.0	47.2	65	73.8	1.5	0.0	53.8
Italy, Sassari Province	233	97.4	1.3	0.0	46.8	67	92.5	3.0	0.0	49.3
Italy, Syracuse Province	67	88.1	6.0	4.5	40.3	23	95.7	4.3	0.0	47.8
Italy, Sondrio	90	96.7	0.0	0.0	55.6	37	91.9	0.0	0.0	43.9
Italy, Torino	461	98.5	0.4	0.0	46.6	180	96.1	1.7	0.0	37.2
Italy, Umbria Region	312	90.4	0.0	8.7	49.4	133	88.0	1.5	9.0	45.1
Italy, Varese Province	259	96.1	0.0	0.0	41.3	78	97.4	0.0	0.0	29.5
Italy, Veneto Region	1067	97.8	0.8	0.0	41.0	335	95.2	1.5	0.0	40.6

*Important. See note on population page.

Indices of data quality
Oral cavity pharynx (C00-14) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	908	88.8	3.1	0.2	63.2	237	89.9	3.4	0.0	46.4
Lithuania	1609	96.5	0.4	0.0	66.6	361	90.3	0.8	0.0	52.1
Malta	125	95.2	0.8	0.0	40.8	62	96.8	0.0	0.0	27.4
Norway	1252	99.1	0.0	0.0	40.7	655	98.9	0.0	0.0	41.1
Poland, Cracow	226	88.5	3.5	0.0	55.3	81	79.0	7.4	0.0	67.9*
Poland, Kielce	484	92.8	2.7	1.9	36.4	121	83.5	5.8	8.3	42.4
Poland, Warsaw City	545	96.3	0.0	0.2	54.3	243	91.4	0.4	0.4	48.1
Portugal, Porto	1269	98.1		0.0	45.0	348	98.3		0.0	28.4*
Portugal, South Regional	1484	95.4	3.9	0.0	49.7	349	92.6	6.9	0.0	38.7
Russia, St Petersburg	2022	89.7		3.7	82.7	498	88.6		3.4	77.9
Serbia	1831	88.9	4.5	0.1	46.8	719	85.8	3.5	0.3	30.7
Slovak Republic	3795	94.5	4.6	0.3	68.9	512	91.0	6.1	0.6	56.8
Slovenia	1286	99.2	0.4	0.4	51.9	272	99.6	0.4	0.0	32.4
Spain, Albacete	209	98.6	0.5	0.5	23.0	32	96.9	0.0	3.1	25.0
Spain, Asturias	816	97.9	1.2	0.2	48.4	162	97.5	0.6	0.0	26.7
Spain, Basque Country	1465	98.4	0.2	0.5	33.6	281	98.6	0.7	0.4	34.2
Spain, Canary Islands	1095	98.2	0.6	0.1	42.4	166	95.8	3.0	0.0	31.6
Spain, Cuenca	163	97.5	0.6	0.6	17.2	35	97.1	2.9	0.0	40.0
Spain, Girona	351	97.7	1.7	0.0	32.5	70	97.1	2.9	0.0	21.4
Spain, Granada	604	98.8	0.0	0.0	17.5	119	98.3	0.0	0.0	21.8
Spain, Murcia	756	97.4	1.1	0.0	31.2	159	96.9	0.6	0.6	28.3
Spain, Navarra	364	98.4	0.3	0.0	30.2	79	96.2	1.3	0.0	30.4
Spain, Tarragona	323	97.2	2.2	0.0	35.6	58	91.4	6.9	0.0	34.5
Spain, Zaragoza	389	97.7	2.1	0.0	40.9	86	96.5	3.5	0.0	36.0
Sweden	2439	99.9		0.0	36.3	1482	99.8		0.0	30.8
Switzerland, Geneva	274	98.2	0.0	0.0	40.9	116	98.3	1.7	0.0	29.3
Switzerland, Graubunden and Glarus	101	96.0	1.0	0.0	41.6	40	95.0	0.0	0.0	45.0
Switzerland, Neuchatel	93	100.0	0.0	0.0	36.6	46	100.0	0.0	0.0	30.4
Switzerland, St Gall-Appenzell	206	97.6	0.0	0.0	35.4	63	96.8	0.0	0.0	30.2
Switzerland, Ticino	144	99.3	0.7	0.0	45.8	50	100.0	0.0	0.0	62.0
Switzerland, Valais	148	100.0	0.0	0.0	43.2	42	100.0	0.0	0.0	47.6
Switzerland, Vaud	422	98.6	0.9	0.0	41.0	154	98.7	1.3	0.0	23.4
The Netherlands	5023	99.6		0.0	33.6	2796	99.5		0.0	32.1
The Netherlands, Eindhoven	317	100.0		0.0		148	99.3		0.0	
The Netherlands, Maastricht	329	99.7		0.0	43.2	127	100.0		0.0	29.1
UK, East of England Region	688	97.8	0.0	0.4	33.3	399	96.5	0.0	1.0	36.6
UK, England, Merseyside and Cheshire	721	93.5	0.8	0.1	35.9	390	92.8	0.3	0.3	45.4
UK, England, North Western	1322	96.8	0.2	0.5	44.3	679	94.7	0.9	1.0	43.3
UK, England, Northern and Yorkshire	2023	96.4	0.6	0.0	39.1	1024	96.6	0.6	0.0	37.4
UK, England, Oxford Region	613	97.9	0.3	1.5	34.6	382	97.6	0.3	1.8	34.6
UK, England, South and Western Regions	1790	85.4	0.4	2.6	38.0	1097	81.8	0.9	3.7	38.8
UK, England, Thames	3212	90.0	4.2	3.0	41.3	1833	88.1	5.7	2.5	40.9
UK, England, Trent	1195	93.3	2.9	0.5	38.1	663	92.5	2.7	0.8	37.3
UK, England, West Midlands	1255	96.3	1.0	0.0	41.3	761	95.9	1.4	0.0	39.6
UK, Northern Ireland	423	94.6	0.0	0.0	39.0	219	93.2	0.5	0.0	50.2
UK, Scotland	2119	98.3	0.3	0.2	38.2	1105	97.2	0.4	0.3	35.0
Oceania										
Australia, New South Wales	3001	96.2	0.3	0.0	26.6	1342	95.8	0.7	0.0	24.8
Australia, Northern Territory	141	99.3	0.0	0.0	32.6	32	100.0	0.0	0.0	37.5
Australia, Queensland	2107	97.2	0.2	0.1	21.5	836	95.1	0.7	0.2	23.1
Australia, South	897	99.2	0.0	0.1	21.0	377	96.8	0.0	0.0	21.5
Australia, Tasmania	307	99.3	0.0	0.3	12.2	130	99.2	0.0	0.0	16.7
Australia, Victoria	2249	97.4	0.4	0.8	24.4	1068	96.3	1.0	0.9	21.3
Australia, Western	884	98.8	0.2	0.1	26.9	328	99.1	0.6	0.0	26.2
Australian Capital Territory	86	98.8	0.0	0.0	34.9	41	97.6	0.0	0.0	17.1
French Polynesia	66	95.5	3.0	0.0	50.0	20	95.0	5.0	0.0	55.0
New Zealand	921	98.2	0.9	0.0	41.9	484	95.7	1.4	0.0	38.4
USA, Hawaii	465	99.1	0.4	0.2	28.6	217	99.1	0.5	0.5	28.1
USA, Hawaii: Chinese	50	100.0	0.0	0.0		14	100.0	0.0	0.0	
USA, Hawaii: Filipino	56	96.4	0.0	1.8		32	100.0	0.0	0.0	
USA, Hawaii: Hawaiian	61	100.0	0.0	0.0		24	100.0	0.0	0.0	
USA, Hawaii: Japanese	106	99.1	0.9	0.0		53	96.2	1.9	1.9	
USA, Hawaii: White	161	99.4	0.6	0.0	25.5	78	100.0	0.0	0.0	32.1

*Important. See note on population page.

Indices of data quality
Oesophagus (C15)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	4	75.0		0.0		4	75.0		0.0	*
Egypt, Gharbiah	70	91.4	7.1	0.0	25.7	41	87.8	9.8	0.0	39.0
Tunisia, Centre, Sousse	5	100.0		0.0		2	100.0		0.0	*
Uganda, Kyadondo County	125	56.0		0.0		78	47.4		0.0	*
Zimbabwe, Harare: African	219	42.0	14.2	0.0		67	44.8	13.4	0.0	*
America, Central and South										
Argentina, Bahia Blanca	58	82.8	17.2	0.0	103.4	36	80.6	16.7	0.0	100.0
Brazil, Brasilia	262	86.6	8.0	5.0	55.3	95	90.5	6.3	3.2	48.4
Brazil, Cuiaba	72	77.8	18.1	2.8	59.7	19	78.9	15.8	0.0	52.6
Brazil, Goiania	115	89.6	9.6	0.0	86.1	43	79.1	16.3	0.0	69.8
Brazil, Sao Paulo	2406	78.1	9.3	0.0	65.1	621	75.0	10.6	0.0	54.8
Chile, Valdivia	81	88.9	6.2	0.0	91.4	51	96.1	3.9	0.0	74.5
Colombia, Cali	112	79.5	9.8	0.0	83.9	78	79.5	10.3	0.0	76.9
Costa Rica	159	71.1	13.2	0.0	106.9	55	60.0	16.4	0.0	100.0
Ecuador, Quito	55	87.3	7.3	0.0	74.5	24	62.5	16.7	0.0	62.5
France, La Martinique	82	98.8		0.0	88.4	17	94.1		5.9	80.9
Peru, Trujillo	26	92.3	0.0	0.0		5	100.0	0.0	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	3568	92.7	1.3	3.7	112.9	1424	88.2	2.6	5.8	101.3
Canada, Alberta	349	95.1	0.3	0.0	110.0	123	93.5	0.0	0.0	118.7
Canada, British Columbia	673	95.1	1.0	0.0	111.9	293	93.9	2.0	0.0	94.2
Canada, Manitoba	171	93.6	2.3	0.0	136.3	68	88.2	2.9	0.0	105.9
Canada, New Brunswick	112	98.2	0.0	0.0	106.3	43	90.7	0.0	0.0	116.3
Canada, Newfoundland and Labrador	62	100.0		0.0	127.4	12	100.0		0.0	150.0
Canada, Northwest Territories	5	100.0	0.0	0.0	80.0	0	0.0	0.0	0.0	1.0
Canada, Nova Scotia	174	93.1	2.9	0.0	119.5	58	86.2	1.7	1.7	96.6
Canada, Ontario	1836	90.6	1.5	7.2	111.2	759	84.7	3.4	10.7	99.9
Canada, Prince Edward Island	30	90.0	0.0	0.0	100.0	6	100.0	0.0	0.0	133.3
Canada, Saskatchewan	156	93.6	1.3	0.0	112.8	62	90.3	3.2	0.0	91.9
USA, Alabama	816	93.9	2.8	1.3	84.8	238	90.3	5.0	3.8	90.8
USA, Alabama: Black	243	93.4	2.5	1.2	87.7	72	90.3	6.9	1.4	101.4
USA, Alabama: White	569	94.0	3.0	1.4	84.0	164	90.9	4.3	4.3	87.2
USA, Alaska	91	98.9	0.0	0.0	80.2	24	100.0	0.0	0.0	95.8
USA, Arizona	799	94.1	0.8	2.5	99.2	243	91.8	0.4	4.5	92.6
USA, California	4569	96.2	1.0	1.2	94.4	1677	94.3	1.7	1.3	89.0
USA, California: Asian and Pacific Islander	282	97.5	1.8	0.4	83.0	112	95.5	1.8	0.9	73.2
USA, California: Black	325	95.7	0.6	1.2	86.8	141	96.5	1.4	0.7	97.2
USA, California: Hispanic White	492	97.0	0.8	0.8	82.7	140	94.3	0.7	0.7	70.0
USA, California: Non-Hispanic White	3436	96.1	1.0	1.3	98.1	1273	94.0	1.9	1.4	92.1
USA, California, Greater San Francisco Bay Area	912	95.6	1.5	0.9	87.2	345	94.2	2.9	0.9	91.6
USA, California, Greater San Francisco Bay Area: Black	73	93.2	1.4	2.7	83.6	34	97.1	2.9	0.0	117.6
USA, California, Greater San Francisco Bay Area: Chinese	55	100.0	0.0	0.0		10	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Filipino	14	92.9	7.1	0.0		10	90.0	10.0	0.0	
USA, California, Greater San Francisco Bay Area: Japanese	13	92.3	7.7	0.0		10	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Hispanic White	72	93.1	2.8	0.0	73.6	19	100.0	0.0	0.0	73.7
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	661	95.9	1.2	0.9	90.8	245	92.7	3.3	1.2	92.7
USA, California, Los Angeles County	1036	97.6	0.6	1.0	93.9	418	93.5	1.7	1.4	88.8
USA, California, Los Angeles County: Black	133	97.0	0.8	0.8	92.5	72	94.4	1.4	1.4	88.9
USA, California, Los Angeles County: Chinese	28	96.4	0.0	3.6	89.3	15	93.3	6.7	0.0	100.0
USA, California, Los Angeles County: Filipino	13	100.0	0.0	0.0	76.9	8	87.5	0.0	0.0	75.0
USA, California, Los Angeles County: Japanese	23	95.7	4.3	0.0	121.7	6	100.0	0.0	0.0	33.3
USA, California, Los Angeles County: Korean	17	100.0	0.0	0.0	94.1	1	100.0	0.0	0.0	100.0
USA, California, Los Angeles County: Hispanic White	189	98.4	0.5	1.1	77.8	54	92.6	0.0	1.9	59.3
USA, California, Los Angeles County: Non-Hispanic White	605	97.4	0.5	1.0	100.5	258	93.4	1.9	1.6	96.9
USA, Colorado	625	93.1	1.4	1.1	86.4	198	92.4	2.0	1.0	85.9
USA, Connecticut	714	98.7	0.3	0.0	87.5	288	96.9	1.0	0.3	74.0
USA, Connecticut: Black	53	100.0	0.0	0.0	101.9	36	94.4	2.8	2.8	75.0
USA, Connecticut: White	655	98.6	0.3	0.0	86.6	250	97.2	0.8	0.0	73.6
USA, District of Columbia	179	92.7	3.4	2.2	89.9	65	93.8	3.1	1.5	96.9
USA, District of Columbia: Black	149	91.3	4.0	2.7	96.0	58	93.1	3.4	1.7	94.8
USA, District of Columbia: White	26	100.0	0.0	0.0	69.2	7	100.0	0.0	0.0	100.0
USA, Florida	3734	92.4	5.2	0.8	86.8	1288	91.8	5.6	0.8	80.6
USA, Florida: Black	433	90.3	7.6	0.5	90.1	171	95.3	1.8	0.6	72.5
USA, Florida: White	3276	92.7	4.9	0.9	86.8	1105	91.3	6.2	0.8	82.2
USA, Georgia	1292	94.9	2.5	0.7	91.6	419	95.2	2.6	0.7	92.6
USA, Georgia: Black	470	93.6	3.2	0.9	91.9	198	93.9	2.5	1.5	92.4
USA, Georgia: White	809	95.6	2.1	0.6	92.0	215	96.7	2.3	0.0	94.4
USA, Georgia, Atlanta	359	97.2	1.4	0.6	91.1	129	96.1	2.3	0.8	92.2
USA, Georgia, Atlanta: Black	132	97.0	0.8	0.8	95.5	62	95.2	3.2	1.6	88.7
USA, Georgia, Atlanta: White	219	97.3	1.8	0.5	88.6	62	98.4	0.0	0.0	100.0
USA, Idaho	210	94.8	5.2	0.0	93.8	62	95.2	0.0	1.6	90.3
USA, Illinois	2562	96.1	2.0	0.6	84.2	800	95.6	2.5	0.3	85.0
USA, Illinois: Black	421	94.3	3.6	1.0	86.5	168	97.0	3.0	0.0	88.1
USA, Illinois: White	2098	96.4	1.8	0.6	84.8	616	95.1	2.4	0.3	85.4
USA, Indiana	1179	95.8	1.5	0.8	93.8	350	95.7	2.0	1.1	90.0
USA, Iowa	600	96.2	1.7	1.0	91.3	180	90.0	5.0	0.6	91.1
USA, Kentucky	763	93.8	1.3	2.2	92.9	205	93.7	1.5	1.0	85.9
USA, Louisiana	823	96.5	0.9	0.2	86.6	254	94.9	0.4	0.4	95.3
USA, Louisiana: Black	259	96.9	1.2	0.0	89.6	82	98.8	0.0	0.0	103.7
USA, Louisiana: White	557	96.2	0.7	0.4	85.6	171	93.0	0.6	0.6	91.2
USA, Louisiana, New Orleans: Black	57	91.2	3.5	0.0	87.7	19	94.7	0.0	0.0	105.3
USA, Louisiana, New Orleans: White	105	97.1	0.0	1.0	98.1	38	84.2	0.0	2.6	92.1

*Important. See note on population page.

Indices of data quality
Oesophagus (C15) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	312	97.1	1.3	0.6	95.5	93	91.4	2.2	1.1	100.0
USA, Massachusetts	1495	96.1	1.5	1.1	89.8	501	93.8	2.6	1.8	81.4
USA, Michigan	2086	96.0	1.1	1.5	89.5	600	91.8	1.3	2.7	83.8
USA, Michigan: Black	280	94.6	0.4	3.2	78.9	110	96.4	0.0	2.7	79.1
USA, Michigan: White	1791	96.1	1.2	1.3	91.5	487	90.8	1.6	2.7	85.0
USA, Michigan, Detroit	814	97.3	1.2	0.4	90.9	264	93.9	2.7	1.1	83.0
USA, Michigan, Detroit: Black	217	94.9	2.3	0.5	72.8	90	96.7	1.1	1.1	67.8
USA, Michigan, Detroit: White	591	98.1	0.8	0.3	98.1	174	92.5	3.4	1.1	89.7
USA, Missouri	1088	93.7	1.8	4.0	84.5	312	89.4	4.2	3.5	83.7
USA, Missouri: Black	130	91.5	2.3	3.8	76.9	54	90.7	3.7	5.6	75.9
USA, Missouri: White	955	93.9	1.8	4.0	85.5	255	89.4	4.3	3.1	86.3
USA, Montana	173	93.6	4.6	0.6	107.5	46	89.1	8.7	0.0	102.2
USA, NPCR	41538	94.7	2.3	1.4	89.8	13450	92.8	2.9	1.7	87.0
USA, NPCR: Black	5264	93.5	3.1	1.3	87.3	2101	94.7	2.2	1.5	86.2
USA, NPCR: White	35284	94.9	2.2	1.4	91.1	10997	92.4	3.1	1.7	88.2
USA, New Jersey	1646	95.6	1.4	1.0	89.2	613	96.4	1.5	0.7	81.4
USA, New Jersey: Black	259	96.1	0.8	0.8	79.9	100	96.0	2.0	1.0	83.0
USA, New Jersey: White	1355	95.6	1.5	1.0	91.7	499	96.6	1.4	0.6	81.2
USA, New Mexico	278	92.4	2.9	1.1	87.4	51	90.2	0.0	3.9	107.8
USA, New Mexico: American Indian	11	72.7	9.1	9.1	109.1	1	100.0	0.0	0.0	200.0
USA, New Mexico: Hispanic White	61	93.4	1.6	1.6	95.1	9	100.0	0.0	0.0	144.4
USA, New Mexico: Non-Hispanic White	201	93.5	3.0	0.5	84.6	39	87.2	0.0	5.1	97.4
USA, New York State	3517	93.3	2.8	1.5	87.7	1382	91.7	2.2	2.4	82.9
USA, New York State: Black	556	93.2	3.4	0.9	84.2	309	94.2	1.6	1.0	75.4
USA, New York State: White	2861	93.3	2.8	1.6	89.4	1043	90.8	2.4	2.9	86.0
USA, Ohio	2412	93.9	3.3	2.0	93.3	771	92.0	4.0	3.0	88.7
USA, Ohio: Black	252	90.1	6.0	1.2	88.5	110	90.0	4.5	4.5	94.5
USA, Ohio: White	2089	94.3	3.1	2.1	96.8	631	91.9	4.1	2.9	91.8
USA, Oklahoma	611	90.0	2.5	1.3	92.8	150	84.7	4.0	2.0	90.0
USA, Oregon	703	95.3	2.4	0.6	96.0	224	91.5	4.5	1.3	92.0
USA, Pennsylvania	2875	97.7	0.6	0.6	92.5	870	95.1	1.0	1.4	94.8
USA, Pennsylvania: Black	287	96.9	0.7	1.0	93.0	134	97.8	0.0	0.7	85.8
USA, Pennsylvania: White	2534	97.9	0.6	0.4	93.9	723	94.9	1.2	1.1	97.8
USA, Rhode Island	239	95.4	0.8	0.8	82.0	82	96.3	2.4	0.0	96.3
USA, SEER (9 Registries)	4513	96.8	1.0	0.7	90.6	1470	93.6	2.3	0.8	85.9
USA, SEER (9 Registries): Black	503	95.8	1.4	0.8	85.7	229	96.5	1.7	1.3	82.1
USA, SEER (9 Registries): White	3715	96.9	1.0	0.7	91.7	1158	92.8	2.3	0.8	87.0
USA, SEER (14 Registries)	11756	96.3	1.1	1.0	92.3	3998	94.4	1.7	1.0	87.2
USA, SEER (14 Registries): Asian and Pacific Islander	496	97.4	1.4	0.4	83.7	169	95.3	2.4	0.6	74.0
USA, SEER (14 Registries): Black	1380	96.2	1.1	0.7	84.6	544	96.7	1.5	0.9	87.9
USA, SEER (14 Registries): Hispanic White	721	96.7	1.0	0.7	78.9	202	95.0	0.5	1.0	67.3
USA, SEER (14 Registries): Non-Hispanic White	9070	96.2	1.0	1.1	95.2	3061	93.9	1.8	1.0	89.1
USA, South Carolina	898	95.2	1.2	1.9	87.4	244	93.4	2.5	2.0	88.1
USA, South Carolina: Black	377	94.2	1.1	2.4	90.5	97	89.7	3.1	3.1	91.8
USA, South Carolina: White	516	95.9	1.4	1.6	85.7	145	95.9	2.1	1.4	84.8
USA, Texas	2800	92.2	4.3	2.3	90.5	854	87.5	7.3	2.8	90.3
USA, Texas: Black	352	90.1	6.0	2.6	90.6	133	91.7	3.8	1.5	100.0
USA, Texas: White	2410	92.8	4.0	2.0	91.1	704	86.6	8.1	2.8	88.8
USA, Utah	202	98.0	0.0	0.0	92.6	45	95.6	4.4	0.0	62.2
USA, Vermont	124	91.9	3.2	0.0	87.1	46	89.1	8.7	0.0	93.5
USA, Washington State	1114	96.0	0.9	1.4	91.9	338	90.5	1.5	1.5	92.6
USA, Washington, Seattle	748	96.5	0.3	1.6	94.3	230	90.0	0.9	1.3	91.3
USA, West Virginia	415	95.9	1.2	1.7	85.8	117	94.9	1.7	0.0	80.3
USA, Wisconsin	1278	91.8	3.4	3.6	84.8	352	91.5	3.1	2.3	84.7
Asia										
Bahrain: Bahraini	23	82.6	8.7	0.0	73.9	10	100.0	0.0	0.0	100.0
China, Guangzhou City	514	71.0	0.2	0.0	86.0	120	70.8	0.0	0.0	75.8*
China, Hong Kong	2030	95.4	0.8	0.0	74.6	455	94.1	1.1	0.0	71.4
China, Jiashan	254	77.2	1.2	0.0		70	84.3	2.9	0.0	*
China, Nangang District, Harbin City	230	78.7	3.0	1.7	76.1	43	72.1	4.7	2.3	65.1
China, Shanghai	2291	63.4	0.6	0.0	70.4	965	55.8	0.8	0.0	72.0*
China, Zhongshan	532	95.5	0.0	0.0		60	95.0	0.0	0.0	*
Cyprus	25	96.0		4.0	30.0	7	100.0		0.0	71.4*
India, Chennai (Madras)	808	74.9	2.1	1.6	46.7	479	78.9	2.1	1.0	42.0
India, New Delhi	1070	75.1	2.4	0.0		598	77.1	1.2	0.0	*
India, Karunagappally	69	81.2	2.9	0.0	14.5	19	89.5	0.0	0.0	15.8
India, Mumbai (Bombay)	1369	65.8	13.3	0.2	51.7	905	68.5	15.4	0.0	48.4
India, Nagpur	333	93.7	0.0	0.0		214	93.0	0.0	0.0	*
India, Poona	380	76.3	7.1	0.0		295	71.5	13.6	0.0	*
India, Trivandrum	91	83.5	2.2	0.0		28	92.9	0.0	0.0	*
Israel	358	89.1	2.8	1.7	76.8	228	85.5	4.8	2.6	85.0
Israel: Jews	332	91.6	1.8	1.2		221	85.5	5.0	2.7	
Israel: Non-Jews	15	93.3	0.0	0.0		7	85.7	0.0	0.0	
Japan, Aichi Prefecture	252	82.1	15.5	2.4	69.0	37	64.9	27.0	8.1	70.3
Japan, Fukui Prefecture	246	89.4	3.7	1.2	56.9	61	82.0	9.8	0.0	55.7
Japan, Hiroshima	503	95.4	1.4	0.0	56.9	106	92.5	1.9	0.0	53.8
Japan, Miyagi Prefecture	1656	85.2	8.4	0.0	57.7	327	79.5	12.8	0.0	56.6
Japan, Nagasaki Prefecture	773	90.3	4.8	0.1	66.0	123	85.4	7.3	1.6	68.3
Japan, Osaka Prefecture	4084	76.3	12.0	0.0	76.7	823	71.1	16.8	0.0	72.9
Japan, Yamagata Prefecture	892	87.1	8.4	0.6	68.5	150	76.0	14.0	2.7	62.7

*Important. See note on population page.

Indices of data quality
Oesophagus (C15) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	6856	85.2	5.7	0.0	78.0	662	66.0	16.2	0.0	85.6
Korea, Busan	620	82.4	4.8	0.0	82.4	75	64.0	16.0	0.0	81.3
Korea, Daegu	397	90.9	4.0	0.0	66.8	49	79.6	8.2	0.0	65.3
Korea, Daejeon	142	87.3	4.9	0.0	85.2	16	75.0	12.5	0.0	100.0
Korea, Gwangju	253	85.4	3.6	0.0	60.1	29	79.3	6.9	0.0	65.5
Korea, Incheon	280	84.3	3.9	0.0	77.5	41	65.9	14.6	0.0	92.7
Korea, Jejudo	51	78.4	2.0	0.0	73.5	7	57.1	0.0	0.0	42.9
Korea, Seoul	1334	84.9	6.7	0.0	61.5	154	72.1	14.9	0.0	61.7
Korea, Ulsan	83	81.9	2.4	0.0	88.0	12	66.7	16.7	0.0	83.3
Kuwait: Kuwaitis	20	65.0	35.0	0.0		16	87.5	12.5	0.0	
Kuwait: Non-Kuwaitis	14	71.4	21.4	0.0		3	33.3	66.7	0.0	
Malaysia, Penang	45	93.3	4.4	0.0	88.9	39	92.3	2.6	0.0	64.1
Malaysia, Sarawak	72	86.1	8.3	0.0	62.5	55	89.1	5.5	0.0	18.2
Oman: Omani	41	92.7	0.0	0.0		41	85.4	4.9	0.0	*
Pakistan, South Karachi	174	95.4	0.0	0.0		166	84.9	0.0	0.0	*
Philippines, Manila	195	69.2	6.7	0.0		61	59.0	13.1	0.0	*
Singapore	390	96.7	0.0	0.0	90.8	110	93.6	0.0	0.0	90.9
Singapore: Chinese	352	96.6	0.0	0.0		94	92.6	0.0	0.0	
Singapore: Indian	25	96.0	0.0	0.0		11	100.0	0.0	0.0	
Singapore: Malay	13	100.0	0.0	0.0		5	100.0	0.0	0.0	
Thailand, Chiang Mai	84	90.5	0.0	0.0	1.2	31	64.5	0.0	0.0	*
Thailand, Lampang	34	73.5	5.9	0.0	94.1	16	43.8	18.8	0.0	81.3*
Thailand, Songkhla	204	88.7	2.0	0.0	62.3	49	85.7	4.1	0.0	224.5
Turkey, Antalya	47	85.1	2.1	2.1	61.7	18	94.4	0.0	0.0	38.9*
Turkey, Izmir	182	91.2	0.0	1.1	48.9	95	93.7	0.0	0.0	46.3*
Europe										
Austria	1297	88.6	10.2	0.1	90.6	340	81.2	16.5	0.0	91.2
Austria, Tyrol	97	94.8	3.1	0.0	83.5	27	81.5	14.8	0.0	92.6
Austria, Vorarlberg	58	86.2	6.9	1.7	63.8	11	100.0	0.0	0.0	81.8
Belarus	1742	84.7		0.0	92.4	209	74.2		0.0	100.5*
Belgium, Antwerp	362	98.1		0.0		108	100.0		0.0	*
Belgium, Flanders	1274	95.1		3.8	77.5	373	92.0		7.0	76.1
Bulgaria	702	34.8	29.9	0.0	107.1	205	26.8	36.1	1.5	115.1*
Croatia	943	67.8	9.7	22.6	93.0	213	59.2	10.8	30.0	85.0
Czech Republic	1780	83.9	5.4	0.7	93.9	319	75.5	8.2	0.9	101.3
Denmark	1329	92.0	0.5	3.5	109.6	518	90.3	1.7	2.9	106.0
Estonia	224	90.6	0.0	0.0	92.4	48	85.4	0.0	0.0	70.8
Finland	700	94.6	1.4	1.3	84.3	399	92.5	1.3	1.5	90.0
France, Bas-Rhin	370	98.6		0.0	79.7	38	94.7		0.0	84.2
France, Calvados	327	93.9		0.3	78.0	78	91.0		0.0	75.6
France, Doubs	161	99.4		0.0	82.0	18	100.0		0.0	72.2
France, Haut-Rhin	253	99.6		0.0	84.6	53	98.1		0.0	81.1
France, Herault	211	99.5		0.0	97.6	58	96.6		0.0	105.2
France, Isere	261	97.7		0.4	79.7	51	94.1		2.0	74.5
France, Loire-Atlantique	503	99.6		0.2	78.9	93	100.0		0.0	88.2
France, Manche	268	99.6		0.0	77.6	43	100.0		0.0	72.1
France, Somme	271	96.3	0.0	1.1	85.6	42	92.9	0.0	2.4	85.7
France, Tarn	97	95.9		1.0	86.6	20	90.0		0.0	80.0
France, Vendee	237	98.7		0.4	95.8	33	97.0		0.0	103.0
Germany, Brandenburg	679	75.8	21.8	1.9	170.4	144	69.4	27.1	2.8	204.9
Germany, Free State of Saxony	1036	82.2	15.5	0.3	61.1	271	67.2	28.8	0.0	73.1
Germany, Hamburg	456	69.3	10.1	0.0	75.4	172	65.7	9.9	0.0	82.0
Germany, Mecklenburg-Western Pomerania	513	84.4	14.2	0.8	55.8	117	76.1	22.2	0.9	61.5
Germany, Munich	553	90.4	4.5	0.0	75.8	147	84.4	8.8	0.0	87.8
Germany, Northrhine-Westphalia: Munster	680	82.5	12.1	1.9	84.9	206	83.5	12.1	0.0	86.9
Germany, Saarland	302	97.0	2.3	0.0	78.8	85	95.3	4.7	0.0	94.1
Iceland	49	100.0	0.0	0.0	85.7	16	100.0	0.0	0.0	106.3
Ireland	941	91.0	2.3	0.6	102.3	597	84.9	2.2	1.0	95.1
Italy, Biella Province	42	95.2	0.0	0.0	92.9	19	89.5	0.0	0.0	100.0
Italy, Brescia Province	170	86.5	0.6	0.0	84.7	40	72.5	10.0	0.0	100.0
Italy, Ferrara Province	71	87.3	0.0	0.0	83.1	20	85.0	5.0	0.0	65.0
Italy, Florence and Prato	134	76.9	3.0	0.0	106.0	54	70.4	1.9	0.0	118.5
Italy, Genoa Province	92	82.6	0.0	0.0	90.2	37	67.6	8.1	0.0	116.2
Italy, Macerata Province	12	91.7	0.0	0.0	108.3	5	60.0	20.0	0.0	120.0
Italy, Milan	181	87.3	2.2	0.0	97.2	81	82.7	3.7	0.0	92.6
Italy, Modena Province	62	93.5	0.0	0.0	80.6	27	81.5	0.0	0.0	88.9
Italy, Naples	36	83.3	11.1	0.0	67.1	13	76.9	15.4	0.0	57.7
Italy, North East Cancer Surveillance Network	748	95.1	0.4	0.0	89.0	198	89.9	2.0	0.0	88.4
Italy, Parma Province	87	95.4	0.0	0.0	93.1	37	81.1	0.0	0.0	51.4
Italy, Ragusa Province	13	69.2	0.0	0.0	107.7	4	75.0	0.0	0.0	100.0
Italy, Reggio Emilia Province	53	88.7	0.0	0.0	98.1	19	84.2	0.0	0.0	94.7
Italy, Romagna Region	94	88.3	3.2	0.0	108.5	35	85.7	8.6	0.0	91.4
Italy, Salerno Province	63	71.4	4.8	0.0	71.4	16	43.8	18.8	0.0	137.5
Italy, Sassari Province	79	83.5	2.5	0.0	69.6	12	91.7	0.0	0.0	108.3
Italy, Syracuse Province	19	84.2	0.0	0.0	100.0	6	83.3	0.0	0.0	66.7
Italy, Sondrio	49	85.7	0.0	0.0	79.1	14	78.6	0.0	0.0	80.4
Italy, Torino	133	85.7	0.8	0.0	88.7	54	90.7	0.0	0.0	88.9
Italy, Umbria Region	95	80.0	3.2	6.3	118.9	29	69.0	3.4	17.2	110.3
Italy, Varese Province	100	97.0	0.0	0.0	88.0	27	74.1	3.7	0.0	77.8
Italy, Veneto Region	452	90.0	0.9	0.0	93.6	144	81.3	2.8	0.0	78.5

*Important. See note on population page.

Indices of data quality
Oesophagus (C15) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	435	78.2	5.1	0.2	94.3	76	53.9	7.9	0.0	103.9
Lithuania	707	81.3	2.0	0.0	92.5	103	70.9	2.9	0.0	93.2
Malta	39	79.5	7.7	0.0	107.7	11	81.8	0.0	0.0	100.0
Norway	600	96.3	0.7	0.0	88.7	252	95.6	0.4	0.0	84.1
Poland, Cracow	115	56.5	10.4	0.0	100.0	30	43.3	6.7	0.0	116.7*
Poland, Kielce	166	77.1	5.4	3.0	100.2	42	73.8	2.4	7.1	77.4
Poland, Warsaw City	210	84.3	1.0	0.0	110.5	63	73.0	0.0	0.0	123.8
Portugal, Porto	740	96.9		0.1	90.9	203	97.0		0.0	114.8*
Portugal, South Regional	578	82.9	12.1	0.0	90.8	106	69.8	21.7	0.0	95.3
Russia, St Petersburg	1077	74.9		7.2	106.0	446	61.0		9.0	114.3
Serbia	549	76.3	10.0	0.0	89.6	165	81.8	10.3	0.0	86.7
Slovak Republic	1253	81.6	12.5	0.8	98.9	128	74.2	17.2	1.6	110.9
Slovenia	371	95.7	1.6	2.7	100.5	93	91.4	4.3	4.3	97.8
Spain, Albacete	43	83.7	2.3	0.0	104.7	5	100.0	0.0	0.0	120.0
Spain, Asturias	311	92.0	3.9	0.6	99.1	40	80.0	10.0	2.5	66.7
Spain, Basque Country	576	94.3	1.9	0.2	87.5	75	88.0	8.0	0.0	84.0
Spain, Canary Islands	355	93.5	2.3	0.3	93.0	55	78.2	14.5	0.0	88.6
Spain, Cuenca	36	83.3	8.3	0.0	72.2	4	75.0	0.0	0.0	75.0
Spain, Girona	143	95.8	2.8	0.0	81.8	25	84.0	8.0	0.0	88.0
Spain, Granada	103	90.3	1.9	1.0	100.0	20	70.0	20.0	0.0	135.0
Spain, Murcia	148	94.6	0.7	0.0	90.5	24	91.7	0.0	4.2	116.7
Spain, Navarra	101	97.0	1.0	0.0	93.1	20	70.0	25.0	0.0	90.0
Spain, Tarragona	109	92.7	1.8	0.0	71.6	12	58.3	33.3	0.0	100.0
Spain, Zaragoza	156	90.4	6.4	0.0	96.8	20	75.0	5.0	0.0	80.0
Sweden	1345	99.3		0.0	91.7	596	99.2		0.0	93.5
Switzerland, Geneva	125	96.0	0.0	0.0	63.2	55	96.4	1.8	0.0	85.5
Switzerland, Graubunden and Glarus	57	98.2	0.0	0.0	80.7	13	92.3	0.0	0.0	92.3
Switzerland, Neuchatel	44	97.7	2.3	0.0	75.0	15	100.0	0.0	0.0	93.3
Switzerland, St Gall-Appenzell	96	96.9	1.0	0.0	72.9	17	100.0	0.0	0.0	105.9
Switzerland, Ticino	87	97.7	1.1	0.0	82.8	27	77.8	3.7	0.0	66.7
Switzerland, Valais	76	97.4	0.0	0.0	85.5	20	90.0	0.0	0.0	110.0
Switzerland, Vaud	221	97.3	2.3	0.0	79.6	69	98.6	1.4	0.0	73.9
The Netherlands	4306	98.4		0.0	94.4	1796	98.1		0.0	95.8
The Netherlands, Eindhoven	237	98.3		0.0		85	98.8		0.0	
The Netherlands, Maastricht	204	97.5		0.0	94.1	61	98.4		0.0	80.3
UK, East of England Region	995	90.7	0.4	1.4	106.1	602	87.0	0.3	1.7	95.0
UK, England, Merseyside and Cheshire	1046	83.8	4.0	0.1	101.1	692	82.1	3.9	0.4	101.3
UK, England, North Western	1708	88.9	1.7	1.2	105.3	992	83.6	2.1	1.5	96.2
UK, England, Northern and Yorkshire	2367	90.7	1.5	0.0	102.0	1525	87.7	1.4	0.1	95.2
UK, England, Oxford Region	861	93.7	0.9	3.3	99.4	483	87.2	1.0	8.5	101.0
UK, England, South and Western Regions	2824	82.2	1.1	2.9	107.0	1791	76.7	2.5	5.1	98.2
UK, England, Thames	4622	83.5	6.4	3.6	91.0	2878	77.8	9.5	4.1	86.3
UK, England, Trent	2032	88.7	3.9	0.9	88.1	1176	85.5	4.1	1.0	91.6
UK, England, West Midlands	1918	92.1	1.7	0.0	105.5	1347	88.3	3.6	0.0	90.3
UK, Northern Ireland	455	89.7	0.9	0.0	106.6	304	87.5	1.3	0.0	98.0
UK, Scotland	2391	93.7	0.5	1.0	95.1	1524	91.3	0.4	0.8	95.4
Oceania										
Australia, New South Wales	1123	93.6	1.2	0.0	95.7	664	91.0	0.6	0.0	81.6
Australia, Northern Territory	29	93.1	3.4	0.0	75.9	10	100.0	0.0	0.0	60.0
Australia, Queensland	682	93.7	0.4	0.0	98.5	293	90.8	2.0	0.0	81.6
Australia, South	308	96.4	0.0	0.6	91.2	161	94.4	0.0	0.6	82.6
Australia, Tasmania	135	94.1	0.7	0.0	90.7	59	89.8	0.0	0.0	66.4
Australia, Victoria	856	91.4	1.6	0.8	104.1	484	86.6	2.3	2.5	96.7
Australia, Western	326	95.7	1.5	0.0	74.8	158	93.7	2.5	0.0	81.0
Australian Capital Territory	45	77.8	0.0	0.0	108.9	25	80.0	0.0	0.0	60.0
French Polynesia	39	97.4	2.6	0.0	66.7	4	100.0	0.0	0.0	50.0
New Zealand	694	91.4	3.3	0.0	86.2	370	86.8	5.4	0.3	86.5
USA, Hawaii	190	98.4	0.5	0.0	88.9	43	93.0	2.3	0.0	72.1
USA, Hawaii: Chinese	18	100.0	0.0	0.0		0	0.0	0.0	0.0	
USA, Hawaii: Filipino	12	100.0	0.0	0.0		7	100.0	0.0	0.0	
USA, Hawaii: Hawaiian	33	97.0	3.0	0.0		9	100.0	0.0	0.0	
USA, Hawaii: Japanese	68	98.5	0.0	0.0		9	88.9	11.1	0.0	
USA, Hawaii: White	45	97.8	0.0	0.0	91.1	17	88.2	0.0	0.0	76.5

*Important. See note on population page.

Indices of data quality
Stomach (C16)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	147	87.1		0.0		71	95.8		0.0	*
Egypt, Gharbiah	147	85.0	13.6	0.0	39.5	111	75.7	21.6	0.0	45.9
Tunisia, Centre, Sousse	51	98.0		0.0		25	100.0		0.0	*
Uganda, Kyadondo County	59	42.4		0.0		64	45.3		0.0	*
Zimbabwe, Harare: African	129	58.9	10.1	0.0		102	58.8	12.7	0.0	*
America, Central and South										
Argentina, Bahia Blanca	120	75.0	23.3	0.0	112.5	83	73.5	22.9	2.4	97.6
Brazil, Brasilia	575	90.6	4.0	4.5	41.6	343	91.5	4.1	3.8	38.8
Brazil, Cuiaba	119	75.6	19.3	1.7	63.9	70	68.6	24.3	2.9	54.3
Brazil, Goiania	259	93.1	5.0	0.0	61.8	167	94.6	3.0	0.0	48.5
Brazil, Sao Paulo	5895	79.5	8.4	0.0	55.1	3600	77.9	9.6	0.0	50.3
Chile, Valdivia	381	77.2	16.0	0.0	92.1	182	63.7	28.0	0.0	90.1
Colombia, Cali	935	76.7	10.1	0.0	75.8	736	71.5	15.4	0.1	73.6
Costa Rica	2444	74.2	11.7	0.0	75.4	1438	69.7	15.9	0.0	75.9
Ecuador, Quito	599	76.1	17.0	0.0	65.9	484	70.9	21.1	0.0	78.1
France, La Martinique	236	99.2		0.8	75.7	157	99.4		0.6	66.9
Peru, Trujillo	222	91.9	4.1	0.0		187	88.2	5.3	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	6653	92.3	1.3	4.7	63.1	3736	87.1	2.5	7.2	71.0
Canada, Alberta	702	97.0	0.4	0.0	59.5	431	95.1	0.5	0.0	70.5
Canada, British Columbia	1144	94.4	1.4	0.5	63.0	650	88.5	3.8	0.0	66.8
Canada, Manitoba	363	92.8	2.5	0.0	59.8	200	90.5	4.0	0.0	66.5
Canada, New Brunswick	247	96.4	0.0	0.0	63.6	131	93.1	0.0	0.0	75.6
Canada, Newfoundland and Labrador	257	99.2		0.0	84.4	110	100.0		0.0	112.7
Canada, Northwest Territories	8	100.0	0.0	0.0	62.5	5	100.0	0.0	0.0	80.0
Canada, Nova Scotia	296	92.9	1.4	0.3	59.1	172	87.8	4.7	1.7	73.3
Canada, Ontario	3300	89.3	1.3	9.2	62.6	1832	82.6	2.4	14.5	69.7
Canada, Prince Edward Island	30	93.3	0.0	0.0	66.7	18	83.3	5.6	0.0	50.0
Canada, Saskatchewan	306	94.4	3.6	0.0	65.4	187	91.4	3.2	0.0	75.9
USA, Alabama	896	94.3	2.1	2.5	61.2	640	90.9	4.5	3.0	70.2
USA, Alabama: Black	320	94.7	1.6	1.6	63.1	197	88.8	4.6	4.1	87.8
USA, Alabama: White	563	94.1	2.3	3.0	60.9	435	91.7	4.6	2.5	63.0
USA, Alaska	116	95.7	0.9	0.9	62.1	64	98.4	0.0	0.0	64.1
USA, Arizona	955	95.5	1.8	1.6	62.8	525	93.7	2.7	2.5	68.8
USA, California	7725	97.9	0.5	0.5	59.8	5064	96.1	0.9	0.8	63.4
USA, California: Asian and Pacific Islander	1312	97.7	0.6	0.2	60.0	970	98.7	0.3	0.4	61.8
USA, California: Black	595	96.6	1.0	0.7	70.9	439	95.4	0.2	1.6	65.1
USA, California: Hispanic White	1638	98.2	0.4	0.6	61.7	1241	97.3	0.5	0.7	60.0
USA, California: Non-Hispanic White	4112	98.0	0.4	0.5	58.0	2379	94.5	1.6	0.9	66.1
USA, California, Greater San Francisco Bay Area	1610	98.0	0.7	0.2	57.2	1071	95.5	1.5	0.7	64.1
USA, California, Greater San Francisco Bay Area: Black	153	96.1	2.0	0.7	74.5	105	95.2	1.0	1.9	70.5
USA, California, Greater San Francisco Bay Area: Chinese	204	97.1	0.0	0.0		142	97.9	0.0	0.7	
USA, California, Greater San Francisco Bay Area: Filipino	38	100.0	0.0	0.0		39	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Japanese	57	96.5	0.0	0.0		61	96.7	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Hispanic White	222	99.1	0.5	0.0	58.1	165	95.8	1.8	1.2	64.8
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	785	98.5	0.8	0.0	55.9	467	93.6	2.4	0.4	64.0
USA, California, Los Angeles County	2393	98.2	0.5	0.3	63.0	1748	97.3	0.6	0.7	61.0
USA, California, Los Angeles County: Black	261	96.6	0.8	0.4	74.3	217	95.9	0.0	1.4	66.8
USA, California, Los Angeles County: Chinese	121	95.9	0.8	0.0	79.3	105	100.0	0.0	0.0	56.2
USA, California, Los Angeles County: Filipino	45	100.0	0.0	0.0	60.0	27	100.0	0.0	0.0	37.0
USA, California, Los Angeles County: Japanese	107	99.1	0.9	0.0	61.7	70	97.1	0.0	1.4	70.0
USA, California, Los Angeles County: Korean	177	97.2	1.7	0.0	66.7	137	98.5	0.7	0.7	49.6
USA, California, Los Angeles County: Hispanic White	672	98.1	0.6	0.7	61.5	557	97.8	0.4	0.5	59.6
USA, California, Los Angeles County: Non-Hispanic White	940	98.8	0.1	0.2	60.1	591	96.3	1.4	0.8	64.5
USA, Colorado	634	95.6	1.3	1.9	57.6	427	93.4	2.1	0.9	63.2
USA, Connecticut	1033	97.5	1.1	0.7	56.1	647	94.4	2.6	0.8	65.2
USA, Connecticut: Black	96	97.9	1.0	0.0	61.5	49	95.9	2.0	0.0	71.4
USA, Connecticut: White	916	97.4	1.1	0.8	56.3	592	94.3	2.7	0.8	64.4
USA, District of Columbia	154	91.6	5.2	2.6	78.6	149	91.3	6.0	0.7	71.8
USA, District of Columbia: Black	116	93.1	5.2	0.9	85.3	117	93.2	5.1	0.0	78.6
USA, District of Columbia: White	30	86.7	6.7	6.7	70.0	23	87.0	8.7	0.0	60.9
USA, Florida	4540	94.8	3.7	0.4	58.4	2685	93.3	5.0	0.3	62.7
USA, Florida: Black	624	93.8	4.2	0.5	70.4	429	93.9	4.7	0.2	67.6
USA, Florida: White	3851	94.9	3.6	0.3	56.8	2205	93.1	5.1	0.3	62.3
USA, Georgia	1314	95.8	2.8	0.3	63.4	954	92.9	4.1	0.4	64.5
USA, Georgia: Black	477	94.5	3.4	0.8	70.9	386	93.5	4.1	0.5	67.1
USA, Georgia: White	792	96.5	2.7	0.0	59.6	541	92.1	4.3	0.4	63.0
USA, Georgia, Atlanta	377	96.8	1.3	0.3	63.1	297	94.9	3.4	0.7	61.6
USA, Georgia, Atlanta: Black	163	96.3	1.8	0.6	67.5	136	95.6	2.2	0.7	66.2
USA, Georgia, Atlanta: White	179	97.2	1.1	0.0	61.5	144	93.8	4.9	0.7	57.6
USA, Idaho	199	94.5	4.0	0.0	49.2	131	91.6	3.1	0.0	55.0
USA, Illinois	2842	97.1	1.5	0.4	59.7	1904	94.1	3.7	0.4	65.3
USA, Illinois: Black	498	94.4	3.6	0.8	68.9	377	92.0	6.6	0.5	70.6
USA, Illinois: White	2194	97.8	1.0	0.3	59.2	1430	94.4	3.1	0.3	64.8
USA, Indiana	1052	97.3	1.5	0.5	55.9	631	96.4	1.4	0.8	68.9
USA, Iowa	573	97.6	0.7	0.7	55.7	329	92.4	1.8	1.2	62.6
USA, Kentucky	792	96.7	1.1	1.4	57.8	460	94.3	1.7	1.3	68.9
USA, Louisiana	1016	96.7	1.0	0.7	66.2	719	94.4	0.7	0.6	63.7
USA, Louisiana: Black	410	95.4	1.7	0.5	77.3	331	93.1	0.9	0.9	72.5
USA, Louisiana: White	592	97.5	0.5	0.8	57.6	378	95.5	0.5	0.3	56.1
USA, Louisiana, New Orleans: Black	117	99.1	0.0	0.0	76.1	84	95.2	2.4	0.0	86.9
USA, Louisiana, New Orleans: White	136	99.3	0.0	0.0	49.3	92	96.7	0.0	0.0	56.5

*Important. See note on population page.

Indices of data quality
Stomach (C16) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	334	96.7	0.3	0.9	57.8	181	90.1	3.9	2.8	69.6
USA, Massachusetts	1654	97.1	1.0	1.0	61.0	1087	92.7	2.6	2.4	70.1
USA, Michigan	2091	96.7	0.8	1.3	56.0	1359	94.3	1.0	2.6	63.2
USA, Michigan: Black	373	97.1	0.3	1.9	57.9	313	92.7	1.3	3.2	60.7
USA, Michigan: White	1681	96.6	0.9	1.2	55.8	1017	94.7	1.0	2.6	64.4
USA, Michigan, Detroit	1072	97.9	1.3	0.1	51.0	751	95.1	1.9	0.7	61.8
USA, Michigan, Detroit: Black	283	97.9	1.1	0.0	54.4	254	93.3	2.8	0.4	57.5
USA, Michigan, Detroit: White	768	97.9	1.3	0.1	50.0	490	95.9	1.4	0.8	63.5
USA, Missouri	1056	94.7	2.6	2.1	61.0	615	94.1	1.6	3.3	64.2
USA, Missouri: Black	148	94.6	3.4	0.0	75.0	102	93.1	2.9	2.9	77.5
USA, Missouri: White	881	94.6	2.5	2.5	59.6	493	94.1	1.4	3.4	62.1
USA, Montana	203	94.1	3.0	0.0	52.2	115	88.7	7.8	0.9	60.0
USA, NPCR	50995	96.1	1.8	1.0	58.2	32695	93.8	2.7	1.3	64.4
USA, NPCR: Black	6864	94.8	2.5	1.1	68.9	5303	93.2	3.0	1.7	67.8
USA, NPCR: White	40907	96.3	1.7	0.9	57.1	25097	93.7	2.8	1.3	64.8
USA, New Jersey	2581	97.3	1.0	0.9	54.9	1653	95.7	1.8	0.7	63.0
USA, New Jersey: Black	343	98.3	0.3	0.6	64.7	254	95.7	0.4	1.6	60.6
USA, New Jersey: White	2090	97.2	1.1	0.9	54.7	1295	95.8	2.2	0.5	64.9
USA, New Mexico	397	94.5	3.5	0.8	62.2	248	90.7	4.0	1.6	70.2
USA, New Mexico: American Indian	41	90.2	7.3	0.0	70.7	36	94.4	2.8	2.8	72.2
USA, New Mexico: Hispanic White	180	96.7	1.7	1.1	66.7	130	90.0	4.6	1.5	72.3
USA, New Mexico: Non-Hispanic White	168	92.9	4.8	0.6	56.0	74	90.5	2.7	1.4	68.9
USA, New York State	5747	95.0	1.9	1.6	52.2	4025	92.7	2.5	1.7	58.4
USA, New York State: Black	796	92.7	3.0	1.6	64.3	763	92.7	1.4	2.4	56.1
USA, New York State: White	4514	95.5	1.7	1.5	50.7	2988	92.5	2.8	1.5	60.2
USA, Ohio	2267	94.9	1.8	2.4	62.5	1469	92.5	3.9	2.3	66.2
USA, Ohio: Black	326	93.3	2.5	3.1	69.9	253	90.9	5.5	2.0	69.6
USA, Ohio: White	1866	95.2	1.7	2.3	62.8	1164	92.6	3.8	2.5	67.8
USA, Oklahoma	603	93.2	1.8	0.5	60.4	364	87.6	1.9	1.1	65.4
USA, Oregon	686	96.1	1.2	0.4	55.8	353	94.9	1.7	0.8	68.8
USA, Pennsylvania	3454	97.9	0.5	0.4	55.2	2193	96.0	0.8	1.0	62.1
USA, Pennsylvania: Black	365	97.0	0.0	1.1	64.7	297	94.6	0.7	2.4	64.0
USA, Pennsylvania: White	2987	98.0	0.6	0.4	55.0	1845	96.3	0.9	0.7	62.8
USA, Rhode Island	320	95.9	2.5	0.6	61.9	242	92.6	2.1	0.0	67.4
USA, SEER (9 Registries)	6215	97.4	1.0	0.3	55.6	4040	94.7	1.8	0.9	63.8
USA, SEER (9 Registries): Black	738	97.2	1.4	0.3	63.6	580	94.5	2.2	0.7	62.1
USA, SEER (9 Registries): White	4457	97.5	1.1	0.4	54.7	2718	93.9	2.1	1.1	64.7
USA, SEER (14 Registries)	17304	97.5	0.8	0.6	58.3	11269	95.4	1.4	0.8	63.6
USA, SEER (14 Registries): Asian and Pacific Islander	2093	97.7	0.5	0.2	57.5	1532	98.3	0.3	0.4	60.9
USA, SEER (14 Registries): Black	2025	96.9	1.0	0.5	67.9	1564	94.5	1.2	1.0	64.5
USA, SEER (14 Registries): Hispanic White	2196	98.0	0.5	0.8	59.1	1623	96.5	1.2	0.7	58.9
USA, SEER (14 Registries): Non-Hispanic White	10779	97.5	0.8	0.6	56.7	6413	94.6	1.7	0.9	65.6
USA, South Carolina	895	95.2	1.2	2.6	64.6	544	93.4	2.6	2.4	71.3
USA, South Carolina: Black	365	95.1	1.1	2.5	72.6	230	93.5	2.6	2.6	79.1
USA, South Carolina: White	517	95.4	1.2	2.7	60.3	307	93.2	2.6	2.3	66.4
USA, Texas	3861	93.0	4.2	1.2	62.5	2519	90.7	6.2	1.5	70.5
USA, Texas: Black	556	90.8	5.9	0.9	75.2	423	88.9	7.6	2.1	77.5
USA, Texas: White	3189	93.5	3.9	1.3	60.8	2009	91.0	6.1	1.3	69.8
USA, Utah	265	97.7	0.0	0.0	56.6	175	93.1	1.1	0.6	70.9
USA, Vermont	119	95.8	3.4	0.0	49.6	65	95.4	1.5	0.0	70.8
USA, Washington State	1194	97.2	0.8	0.4	53.3	688	95.2	1.2	1.2	64.4
USA, Washington, Seattle	855	97.8	0.4	0.4	51.7	489	94.5	0.6	1.6	60.3
USA, West Virginia	379	96.8	1.3	0.8	64.4	227	93.0	1.8	0.9	70.5
USA, Wisconsin	1213	94.4	2.1	2.3	50.9	650	88.3	4.5	4.8	64.2
Asia										
Bahrain: Bahraini	47	91.5	2.1	0.0	78.7	31	87.1	3.2	0.0	48.4
China, Guangzhou City	917	82.0	0.0	0.0	71.4	487	80.3	0.0	0.2	89.1*
China, Hong Kong	3291	95.7	0.6	0.0	62.2	1926	94.1	1.0	0.0	65.6
China, Jiashan	431	90.7	0.5	0.0		156	81.4	0.6	0.0	*
China, Nangang District, Harbin City	585	81.7	1.5	0.9	72.3	295	83.1	0.3	1.4	58.6
China, Shanghai	8367	72.6	0.4	0.0	62.0	4839	68.8	0.5	0.0	62.4*
China, Zhongshan	302	92.1	0.0	0.0		149	89.3	0.0	0.0	*
Cyprus	164	98.8		0.6	24.4	110	99.1		0.9	22.7*
India, Chennai (Madras)	1119	64.5	3.9	9.5	53.6	544	61.8	5.5	10.7	53.1
India, New Delhi	704	77.0	3.4	0.0		327	70.6	2.1	0.0	*
India, Karunagappally	51	52.9	5.9	0.0	13.7	24	62.5	8.3	0.0	25.0
India, Mumbai (Bombay)	961	69.9	9.8	0.1	42.9	477	68.6	12.8	0.4	44.9
India, Nagpur	158	91.8	0.6	0.0		76	84.2	0.0	0.0	*
India, Poona	265	80.0	6.8	0.0		149	65.8	14.1	0.0	*
India, Trivandrum	122	73.8	7.4	0.0		31	64.5	12.9	0.0	*
Israel	2025	93.2	1.9	0.9	69.0	1371	90.7	3.4	0.9	69.4
Israel: Jews	1907	93.7	1.6	0.8		1279	92.3	2.5	0.9	
Israel: Non-Jews	101	97.0	1.0	0.0		60	91.7	3.3	1.7	
Japan, Aichi Prefecture	1967	84.6	13.3	2.1	51.4	945	78.0	19.0	3.0	57.6
Japan, Fukui Prefecture	2673	93.5	3.1	0.6	39.7	1492	90.3	3.7	0.9	47.4
Japan, Hiroshima	3377	98.1	0.7	0.0	34.0	1637	96.2	2.3	0.0	39.0
Japan, Miyagi Prefecture	7073	84.8	11.0	0.0	40.7	3249	81.1	14.7	0.0	46.7
Japan, Nagasaki Prefecture	4446	94.4	2.6	0.2	41.9	2317	89.8	5.4	0.3	49.2
Japan, Osaka Prefecture	19306	77.4	10.5	0.0	58.7	9372	73.1	14.0	0.0	62.0
Japan, Yamagata Prefecture	5290	90.0	6.3	0.6	44.1	2799	86.1	9.4	0.7	49.6

*Important. See note on population page.

Indices of data quality
Stomach (C16) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	57198	88.8	5.0	0.0	52.2	29856	84.4	8.0	0.0	55.3
Korea, Busan	5009	88.8	3.3	0.0	53.5	2617	85.5	5.5	0.0	58.7
Korea, Daegu	3645	92.6	3.5	0.0	44.0	2009	89.1	6.0	0.0	49.2
Korea, Daejeon	1924	90.0	3.0	0.0	47.6	1019	88.5	4.8	0.0	48.4
Korea, Gwangju	1701	90.2	2.4	0.0	45.3	989	84.9	5.7	0.0	47.8
Korea, Incheon	3039	90.8	2.4	0.0	52.0	1474	86.7	3.4	0.0	55.3
Korea, Jejudo	413	91.0	2.4	0.0	43.6	228	82.9	1.3	0.0	61.2
Korea, Seoul	13090	89.1	5.7	0.0	43.7	7165	87.1	7.4	0.0	45.0
Korea, Ulsan	944	90.1	2.5	0.0	44.2	490	87.3	4.1	0.0	50.4
Kuwait: Kuwaitis	31	74.2	25.8	0.0		30	63.3	26.7	0.0	
Kuwait: Non-Kuwaitis	44	84.1	13.6	2.3		42	61.9	33.3	0.0	
Malaysia, Penang	225	90.7	5.3	0.0	42.2	181	82.9	10.5	0.0	22.1
Malaysia, Sarawak	420	86.4	7.1	0.2	40.5	220	87.3	7.7	0.0	18.2
Oman: Omani	219	91.8	0.5	0.5		99	88.9	1.0	0.0	*
Pakistan, South Karachi	156	96.2	0.0	0.0		83	97.6	0.0	0.0	*
Philippines, Manila	497	64.4	9.3	0.0		427	63.7	13.3	0.0	*
Singapore	1439	96.5	0.0	0.0	68.9	958	93.4	0.0	0.0	73.4
Singapore: Chinese	1316	96.8	0.0	0.0		884	93.7	0.0	0.0	
Singapore: Indian	60	96.7	0.0	0.0		33	90.9	0.0	0.0	
Singapore: Malay	63	88.9	0.0	0.0		41	90.2	0.0	0.0	
Thailand, Chiang Mai	227	89.4	0.0	0.0	1.3	195	90.8	0.0	0.0	1.0*
Thailand, Lampang	120	68.3	15.0	0.0	93.3	81	75.3	12.3	0.0	93.8*
Thailand, Songkhla	73	97.3	1.4	0.0	75.3	36	94.4	0.0	0.0	125.0
Turkey, Antalya	310	88.7	0.6	1.9	42.9	162	85.8	1.2	1.9	42.6*
Turkey, Izmir	881	90.8	0.0	1.5	64.0	443	90.3	0.0	2.0	72.0*
Europe										
Austria	4213	88.9	10.6	0.0	76.3	3733	87.1	12.1	0.1	79.7
Austria, Tyrol	420	97.4	1.7	0.0	61.7	366	92.6	3.3	0.0	72.1
Austria, Vorarlberg	145	91.7	4.1	0.7	68.3	124	81.5	13.7	0.8	65.3
Belarus	10596	87.1		0.0	83.7	7638	84.3		0.0	76.9*
Belgium, Antwerp	574	98.8		0.0		369	99.2		0.0	*
Belgium, Flanders	1940	93.8		5.5	76.1	1323	90.8		7.4	81.3
Bulgaria	5898	46.7	26.0	0.2	85.7	3682	41.3	31.6	0.3	89.1*
Croatia	3697	74.1	9.8	16.1	81.3	2395	69.7	11.4	18.9	77.9
Czech Republic	5209	86.1	5.1	0.4	83.0	3873	82.4	6.6	0.5	86.1
Denmark	1574	92.6	0.4	2.9	72.9	933	90.6	0.8	3.3	85.9
Estonia	1233	92.8	0.6	0.0	83.5	999	90.2	0.7	0.0	83.6
Finland	2106	96.5	1.0	0.4	73.2	1741	95.0	1.3	0.6	75.1
France, Bas-Rhin	380	98.7		0.0	66.1	210	98.1		0.0	70.5
France, Calvados	245	96.7		0.4	81.2	160	92.5		0.0	85.6
France, Doubs	183	98.9		0.0	72.7	97	100.0		0.0	79.4
France, Haut-Rhin	312	99.7		0.3	67.3	172	94.8		2.9	85.5
France, Herault	293	99.3		0.0	77.1	172	99.4		0.0	71.5
France, Isere	405	97.5		0.2	71.9	259	97.7		0.0	62.9
France, Loire-Atlantique	370	99.5		0.0	73.2	215	98.6		0.0	70.7
France, Manche	316	100.0		0.0	72.2	205	99.5		0.0	77.1
France, Somme	187	97.3	0.0	0.5	76.5	108	98.1	0.0	0.0	74.1
France, Tarn	151	97.4		0.7	61.6	68	98.5		0.0	73.5
France, Vendee	270	99.3		0.4	78.1	107	98.1		0.0	106.5
Germany, Brandenburg	1662	70.1	27.7	1.6	160.8	1346	63.0	35.9	0.8	171.8
Germany, Free State of Saxony	3261	79.1	19.3	0.1	59.8	2842	73.0	25.1	0.0	62.9
Germany, Hamburg	844	68.8	12.8	0.0	75.4	697	62.6	17.9	0.0	81.9
Germany, Mecklenburg-Western Pomerania	1339	74.6	24.3	0.6	58.1	1011	69.0	29.7	0.3	58.2
Germany, Munich	1282	86.3	8.3	0.0	61.8	1175	83.5	10.4	0.0	68.3
Germany, Northrhine-Westphalia: Munster	1600	84.8	10.6	0.2	66.3	1241	81.5	11.1	1.0	79.5
Germany, Saarland	657	93.9	4.3	0.0	63.6	521	91.6	6.1	0.0	72.4
Iceland	116	99.1	0.0	0.0	73.3	70	100.0	0.0	0.0	61.4
Ireland	1426	91.4	2.7	0.3	71.5	910	85.6	6.3	1.2	78.2
Italy, Biella Province	151	94.0	2.6	0.0	73.5	112	90.2	5.4	0.0	67.0
Italy, Brescia Province	667	92.4	1.9	0.0	64.8	497	90.1	3.0	0.0	60.8
Italy, Ferrara Province	330	90.0	0.6	0.0	77.9	223	87.9	1.8	0.0	74.9
Italy, Florence and Prato	1488	87.4	0.9	0.0	74.7	1099	80.6	2.2	0.0	76.9
Italy, Genoa Province	457	88.2	1.5	0.0	70.2	356	82.6	2.5	0.0	73.0
Italy, Macerata Province	311	90.4	1.9	0.3	71.1	196	84.2	5.6	0.5	71.9
Italy, Milan	750	85.7	2.0	0.0	70.7	698	77.8	4.6	0.0	74.1
Italy, Modena Province	654	94.5	0.6	0.0	66.7	430	89.5	0.7	0.0	75.1
Italy, Naples	218	87.6	1.4	0.0	73.0	145	82.1	3.4	0.0	67.8
Italy, North East Cancer Surveillance Network	2052	95.3	0.8	0.0	67.0	1529	92.3	1.3	0.0	68.1
Italy, Parma Province	571	89.1	1.4	0.0	72.3	400	85.3	2.0	0.0	73.5
Italy, Ragusa Province	153	90.2	2.0	0.7	83.0	86	81.4	8.1	0.0	93.0
Italy, Reggio Emilia Province	538	93.7	0.6	0.0	67.5	338	85.5	0.9	0.0	74.0
Italy, Romagna Region	1550	93.9	1.8	0.0	69.4	1202	88.0	4.5	0.0	65.5
Italy, Salerno Province	383	81.2	3.9	0.0	74.2	273	79.9	2.2	0.0	72.5
Italy, Sassari Province	180	92.2	3.9	0.0	79.4	121	90.9	3.3	0.0	71.9
Italy, Syracuse Province	141	83.7	4.3	2.1	68.1	76	77.6	9.2	0.0	73.7
Italy, Sondrio	196	94.9	0.0	0.0	54.8	120	85.8	1.7	0.0	67.7
Italy, Torino	624	94.7	1.3	0.0	63.6	431	91.4	2.6	0.2	73.8
Italy, Umbria Region	1135	89.7	0.4	6.2	67.3	823	83.7	1.7	9.4	70.5
Italy, Varese Province	489	96.5	0.0	0.0	65.2	368	88.6	1.4	0.0	65.2
Italy, Veneto Region	1176	93.9	0.4	0.0	61.1	873	89.1	2.7	0.0	65.1

*Important. See note on population page.

Indices of data quality
Stomach (C16) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	1842	77.4	5.8	0.3	89.5	1567	75.5	5.7	0.4	88.4
Lithuania	3018	81.7	1.7	0.0	80.1	2245	78.6	2.2	0.0	77.5
Malta	148	95.9	2.0	0.0	83.1	85	88.2	3.5	0.0	92.9
Norway	1825	96.5	0.3	0.0	81.4	1192	94.1	0.7	0.0	85.2
Poland, Cracow	447	42.1	13.9	0.0	88.6	241	36.9	11.2	0.0	89.7*
Poland, Kielce	793	79.2	5.7	3.2	85.3	435	74.3	6.4	6.4	84.5
Poland, Warsaw City	646	85.1	0.8	0.2	108.5	394	76.1	1.5	0.3	111.9
Portugal, Porto	3584	97.4		0.0	76.1	2428	97.2		0.0	79.9*
Portugal, South Regional	2352	83.8	12.7	0.0	81.2	1563	79.4	16.9	0.0	75.9
Russia, St Petersburg	4592	79.2		6.3	97.2	4582	72.9		7.9	99.5
Serbia	2581	77.8	10.6	0.0	87.9	1346	73.7	13.5	0.1	90.2
Slovak Republic	3088	82.7	11.9	0.7	84.0	1913	80.9	13.3	0.5	78.4
Slovenia	1460	95.1	3.2	1.8	82.1	936	94.1	4.2	1.7	83.2
Spain, Albacete	159	91.2	5.0	0.6	77.4	88	79.5	10.2	1.1	83.0
Spain, Asturias	850	92.0	3.1	0.6	77.3	524	87.6	5.7	1.3	79.8
Spain, Basque Country	1401	93.1	2.7	0.5	70.4	722	87.4	5.3	0.8	74.4
Spain, Canary Islands	489	93.5	3.3	0.8	68.0	298	87.6	7.4	1.3	79.7
Spain, Cuenca	168	83.3	11.3	0.0	84.5	79	86.1	6.3	0.0	87.3
Spain, Girona	314	92.4	2.2	0.0	68.8	214	83.2	8.9	0.9	68.7
Spain, Granada	360	92.2	1.7	0.3	85.3	225	86.7	1.3	0.0	89.3
Spain, Murcia	506	91.7	2.8	0.8	78.7	338	91.4	3.3	0.0	82.0
Spain, Navarra	407	94.1	2.0	0.0	68.8	244	89.8	3.7	0.0	71.7
Spain, Tarragona	275	90.5	5.8	0.0	63.6	161	85.1	6.8	0.0	68.3
Spain, Zaragoza	509	91.9	3.5	0.0	86.4	333	86.8	5.7	0.0	97.6
Sweden	3182	99.5		0.0	82.3	2084	98.8		0.0	86.9
Switzerland, Geneva	118	98.3	0.0	0.0	64.4	89	98.9	0.0	0.0	61.8
Switzerland, Graubunden and Glarus	115	97.4	0.0	0.0	60.9	59	88.1	0.0	0.0	78.0
Switzerland, Neuchatel	58	100.0	0.0	0.0	63.8	33	93.9	3.0	0.0	87.9
Switzerland, St Gall-Appenzell	186	97.3	0.5	0.0	67.7	120	87.5	1.7	0.0	72.5
Switzerland, Ticino	193	93.8	3.6	0.0	67.4	140	92.1	5.0	0.0	69.3
Switzerland, Valais	140	96.4	1.4	0.0	67.1	68	94.1	0.0	0.0	60.3
Switzerland, Vaud	188	97.3	2.1	0.0	56.4	105	93.3	6.7	0.0	73.3
The Netherlands	6687	98.0		0.0	75.3	3935	97.3		0.0	82.6
The Netherlands, Eindhoven	436	98.4		0.0		272	97.8		0.0	
The Netherlands, Maastricht	383	99.0		0.0	74.4	270	97.0		0.0	74.8
UK, East of England Region	1341	91.7	0.1	1.3	64.9	658	84.0	0.6	1.4	71.9
UK, England, Merseyside and Cheshire	1434	85.6	3.5	0.1	67.1	829	81.3	5.9	0.1	74.3
UK, England, North Western	2412	89.8	1.5	0.9	64.8	1402	83.2	2.4	1.6	76.1
UK, England, Northern and Yorkshire	4017	92.2	1.3	0.0	66.0	2405	86.4	2.6	0.0	71.7
UK, England, Oxford Region	955	91.5	0.7	5.9	69.2	505	81.4	2.2	9.9	80.4
UK, England, South and Western Regions	3386	83.0	1.7	4.7	70.6	1745	73.7	1.9	8.5	79.2
UK, England, Thames	5543	81.6	9.1	3.2	71.9	3168	72.7	13.7	4.3	77.9
UK, England, Trent	2833	87.0	3.9	0.5	71.8	1534	81.8	5.5	0.8	74.5
UK, England, West Midlands	3084	91.0	2.5	0.0	66.5	1554	82.9	6.1	0.0	79.3
UK, Northern Ireland	780	92.3	1.3	0.0	68.1	507	84.0	3.2	0.0	76.7
UK, Scotland	2740	92.6	0.4	1.2	68.3	1860	89.3	0.8	0.5	75.6
Oceania										
Australia, New South Wales	2083	95.3	0.8	0.0	58.1	1171	93.3	1.3	0.0	60.9
Australia, Northern Territory	22	100.0	0.0	0.0	63.6	13	100.0	0.0	0.0	53.8
Australia, Queensland	1078	93.8	1.9	0.1	57.2	530	89.6	2.1	0.0	62.6
Australia, South	567	95.4	0.0	0.2	66.5	305	93.4	0.0	0.0	71.8
Australia, Tasmania	155	96.8	0.0	0.6	68.8	87	95.4	0.0	0.0	81.4
Australia, Victoria	1751	94.6	1.2	0.7	59.2	1014	91.1	2.8	1.3	63.0
Australia, Western	512	96.5	1.4	0.2	76.0	276	92.4	3.3	0.0	73.6
Australian Capital Territory	71	98.6	0.0	0.0	64.8	46	93.5	0.0	0.0	82.6
French Polynesia	29	96.6	3.4	0.0	82.8	20	100.0	0.0	0.0	55.0
New Zealand	1212	93.9	2.1	0.1	79.1	743	89.6	4.8	0.1	79.5
USA, Hawaii	546	97.4	0.5	0.0	54.9	381	97.9	0.5	0.3	59.1
USA, Hawaii: Chinese	21	100.0	0.0	0.0		24	95.8	0.0	0.0	
USA, Hawaii: Filipino	63	98.4	0.0	0.0		34	94.1	0.0	0.0	
USA, Hawaii: Hawaiian	59	96.6	1.7	0.0		51	98.0	2.0	0.0	
USA, Hawaii: Japanese	285	97.2	0.0	0.0		191	99.5	0.0	0.5	
USA, Hawaii: White	77	96.1	2.6	0.0	57.1	45	95.6	2.2	0.0	71.1

*Important. See note on population page.

Indices of data quality
Large bowel (C18-21)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	152	94.1		0.0		154	94.2		0.0	*
Egypt, Gharbiah	339	90.0	4.1	0.3	21.2	271	91.1	6.6	0.0	21.4
Tunisia, Centre, Sousse	113	98.2		0.0		95	100.0		0.0	*
Uganda, Kyadondo County	75	58.7		0.0		89	64.0		0.0	*
Zimbabwe, Harare: African	125	71.2	9.6	0.0		94	70.2	19.1	0.0	*
America, Central and South										
Argentina, Bahia Blanca	260	76.2	22.7	0.0	87.7	210	76.2	21.4	0.0	93.3
Brazil, Brasilia	494	92.3	2.2	5.1	29.8	590	91.2	4.2	4.4	28.6
Brazil, Cuiaba	103	86.4	7.8	2.9	30.1	106	84.9	7.5	0.0	32.1
Brazil, Goiania	246	90.2	6.9	0.0	45.9	330	93.0	4.5	0.3	42.1
Brazil, Sao Paulo	6570	81.8	6.2	0.0	37.9	7518	81.0	7.0	0.0	36.8
Chile, Valdivia	119	83.2	9.2	0.0	57.1	144	72.9	11.8	0.0	62.5
Colombia, Cali	472	84.1	6.6	0.0	57.0	648	83.0	7.1	0.0	58.3
Costa Rica	975	79.1	7.7	0.0	56.6	1020	74.6	11.9	0.0	60.7
Ecuador, Quito	234	85.5	7.7	0.0	49.1	290	83.4	9.7	0.0	52.8
France, La Martinique	189	97.9		0.5	54.9	275	96.4		2.5	40.0
Peru, Trujillo	84	97.6	0.0	0.0		106	93.4	4.7	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	35704	93.4	0.7	4.1	34.4	31165	91.0	1.3	5.5	34.4
Canada, Alberta	3709	96.0	0.1	0.1	32.0	2914	94.5	0.3	0.1	33.2
Canada, British Columbia	5920	96.2	0.6	0.1	31.9	5048	93.9	1.8	0.1	33.2
Canada, Manitoba	1999	94.6	1.2	0.1	39.5	1746	93.1	1.6	0.1	39.6
Canada, New Brunswick	1211	96.9	0.1	0.0	31.8	1137	95.7	0.2	0.0	30.3
Canada, Newfoundland and Labrador	1017	99.2		0.1	36.6	774	99.5		0.1	35.3
Canada, Northwest Territories	54	98.1	0.0	0.0	29.6	33	97.0	0.0	0.0	21.2
Canada, Nova Scotia	1839	93.6	0.8	0.3	27.5	1690	92.7	1.1	0.8	29.9
Canada, Ontario	18074	91.0	0.8	7.9	35.7	16167	88.0	1.3	10.4	35.0
Canada, Prince Edward Island	241	96.3	0.0	0.0	34.9	253	92.9	0.0	0.0	28.1
Canada, Saskatchewan	1640	95.5	2.3	0.0	37.7	1403	94.1	2.7	0.0	37.4
USA, Alabama	5782	97.0	0.7	1.3	38.3	5630	96.7	0.8	1.4	39.1
USA, Alabama: Black	1090	96.0	0.5	1.7	52.3	1330	96.5	0.5	1.3	46.6
USA, Alabama: White	4634	97.2	0.7	1.2	35.4	4231	96.8	0.9	1.4	37.3
USA, Alaska	554	97.5	0.2	1.3	31.9	506	96.8	0.0	1.0	29.2
USA, Arizona	6296	97.3	1.0	0.7	37.2	5592	96.1	1.2	0.9	37.1
USA, California	36828	97.7	0.6	0.4	35.3	35620	96.6	0.9	0.5	36.4
USA, California: Asian and Pacific Islander	3456	98.5	0.3	0.3	32.3	3312	98.3	0.4	0.2	29.0
USA, California: Black	2344	97.4	0.6	0.6	45.1	2506	96.4	0.8	0.4	44.2
USA, California: Hispanic White	4536	97.8	0.5	0.6	30.4	3981	97.2	0.6	0.4	29.2
USA, California: Non-Hispanic White	26000	97.7	0.6	0.4	36.2	25444	96.2	1.0	0.6	38.1
USA, California, Greater San Francisco Bay Area	7417	97.9	0.7	0.2	34.7	7219	96.3	1.4	0.2	35.6
USA, California, Greater San Francisco Bay Area: Black	522	97.1	1.3	0.8	50.2	524	94.5	1.0	0.2	46.9
USA, California, Greater San Francisco Bay Area: Chinese	556	98.4	0.7	0.0		529	98.5	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Filipino	254	98.4	0.4	0.0		251	96.4	1.2	0.0	
USA, California, Greater San Francisco Bay Area: Japanese	130	96.9	0.8	0.0		145	97.9	1.4	0.0	
USA, California, Greater San Francisco Bay Area: Hispanic White	686	97.5	0.4	0.4	31.5	552	97.1	0.9	0.2	29.0
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	4889	97.9	0.7	0.1	35.1	4878	95.9	1.8	0.3	37.5
USA, California, Los Angeles County	9612	98.2	0.4	0.4	35.4	9675	97.5	0.5	0.4	35.0
USA, California, Los Angeles County: Black	1109	97.4	0.5	0.6	44.3	1268	97.4	0.4	0.4	42.6
USA, California, Los Angeles County: Chinese	390	99.0	0.3	0.5	35.9	333	98.5	0.9	0.3	30.3
USA, California, Los Angeles County: Filipino	259	98.5	0.8	0.0	28.6	217	98.6	0.5	0.0	27.6
USA, California, Los Angeles County: Japanese	293	99.3	0.0	0.0	33.4	276	98.9	0.0	0.4	27.2
USA, California, Los Angeles County: Korean	192	99.0	0.0	0.5	27.6	180	98.9	0.6	0.0	32.2
USA, California, Los Angeles County: Hispanic White	1616	98.2	0.6	0.2	32.5	1562	97.5	0.4	0.2	31.9
USA, California, Los Angeles County: Non-Hispanic White	5523	98.3	0.3	0.3	35.7	5592	97.2	0.6	0.5	35.9
USA, Colorado	4308	96.4	1.3	0.6	36.5	4216	96.2	1.4	0.9	36.2
USA, Connecticut	5373	98.4	0.8	0.1	33.9	5659	97.5	0.8	0.3	35.2
USA, Connecticut: Black	280	97.5	1.8	0.0	38.9	382	98.2	0.8	0.0	33.8
USA, Connecticut: White	5004	98.4	0.7	0.2	34.1	5210	97.5	0.8	0.3	35.5
USA, District of Columbia	767	96.5	2.1	0.8	44.3	930	95.8	2.0	0.9	43.3
USA, District of Columbia: Black	570	96.1	2.3	0.7	44.4	690	95.8	2.3	0.6	46.2
USA, District of Columbia: White	173	97.1	1.7	1.2	49.1	211	95.7	0.9	1.9	37.4
USA, Florida	28655	96.6	2.3	0.2	35.1	27711	96.5	2.2	0.1	34.4
USA, Florida: Black	2171	95.3	3.2	0.3	41.6	2363	96.4	2.0	0.2	41.0
USA, Florida: White	26101	96.7	2.2	0.2	34.9	24982	96.4	2.2	0.1	34.1
USA, Georgia	8695	96.5	1.7	0.3	35.5	8668	95.6	2.1	0.3	37.4
USA, Georgia: Black	1991	95.1	2.1	0.4	42.5	2299	95.0	2.2	0.4	44.6
USA, Georgia: White	6609	96.9	1.5	0.3	33.6	6285	95.8	2.1	0.3	34.9
USA, Georgia, Atlanta	2479	97.7	0.8	0.3	32.9	2623	97.2	1.2	0.3	36.0
USA, Georgia, Atlanta: Black	760	96.8	0.9	0.5	40.3	861	96.9	1.0	0.3	41.7
USA, Georgia, Atlanta: White	1660	98.1	0.7	0.2	29.5	1714	97.4	1.3	0.2	33.4
USA, Idaho	1402	96.6	2.2	0.1	37.4	1342	95.5	1.8	0.2	35.4
USA, Illinois	17898	97.0	1.5	0.3	37.6	18153	95.7	2.0	0.2	38.5
USA, Illinois: Black	2146	95.3	3.0	0.6	45.7	2456	94.2	3.9	0.2	43.5
USA, Illinois: White	15271	97.1	1.4	0.2	37.0	15259	95.9	1.7	0.2	38.3
USA, Indiana	8658	97.3	0.9	0.4	38.2	8780	97.0	1.0	0.3	39.3
USA, Iowa	5039	97.4	0.9	0.1	35.5	5302	95.4	1.5	0.3	35.9
USA, Kentucky	6168	96.9	0.8	1.1	37.2	6335	96.4	0.6	1.0	36.5
USA, Louisiana	6449	97.4	0.8	0.3	39.6	6035	96.5	0.9	0.5	38.3
USA, Louisiana: Black	1620	95.6	1.9	0.5	49.1	1737	95.7	1.1	0.5	43.8
USA, Louisiana: White	4777	98.1	0.5	0.2	36.6	4262	96.8	0.8	0.6	36.1
USA, Louisiana, New Orleans: Black	492	95.3	2.6	0.8	53.7	521	95.6	1.0	1.3	45.1
USA, Louisiana, New Orleans: White	953	98.2	0.6	0.2	39.8	912	95.8	0.8	1.2	38.3

*Important. See note on population page.

Indices of data quality
Large bowel (C18-21) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	2171	96.0	1.4	1.1	35.7	2240	93.9	2.3	0.8	36.3
USA, Massachusetts	9712	97.2	1.1	0.8	37.6	10291	94.9	1.6	1.6	38.3
USA, Michigan	13112	97.0	0.8	0.9	37.4	13331	95.9	1.0	1.4	36.8
USA, Michigan: Black	1629	97.4	0.4	0.9	40.0	1813	95.1	0.8	1.9	40.7
USA, Michigan: White	11279	96.9	0.9	0.9	37.4	11320	96.0	1.1	1.4	36.5
USA, Michigan, Detroit	5555	98.3	0.5	0.3	36.0	5814	97.0	1.2	0.2	36.2
USA, Michigan, Detroit: Black	1254	97.8	0.3	0.6	38.4	1412	96.6	1.1	0.3	40.6
USA, Michigan, Detroit: White	4224	98.5	0.5	0.2	35.7	4348	97.1	1.3	0.2	34.9
USA, Missouri	8625	96.1	1.7	1.3	36.5	8496	95.4	1.7	1.6	39.1
USA, Missouri: Black	715	95.5	2.0	1.7	45.0	840	95.7	1.8	0.8	42.5
USA, Missouri: White	7832	96.2	1.7	1.3	35.9	7594	95.3	1.7	1.8	38.8
USA, Montana	1340	95.8	2.3	0.6	37.4	1186	94.3	3.8	0.6	35.2
USA, NPCR	307163	96.8	1.3	0.6	36.6	305145	95.8	1.6	0.8	37.3
USA, NPCR: Black	27683	95.8	1.8	0.9	44.7	31173	95.5	1.9	0.8	43.4
USA, NPCR: White	268954	96.9	1.3	0.6	36.3	263920	95.8	1.6	0.8	37.2
USA, New Jersey	13569	97.7	0.7	0.6	35.4	13925	96.7	1.1	0.6	37.2
USA, New Jersey: Black	1396	97.3	0.8	0.7	39.4	1499	96.7	1.0	0.7	38.0
USA, New Jersey: White	11779	97.7	0.7	0.6	35.6	12088	96.7	1.1	0.6	37.8
USA, New Mexico	2009	95.7	1.9	0.5	38.7	1710	94.3	3.2	0.4	41.1
USA, New Mexico: American Indian	73	94.5	2.7	0.0	41.1	58	100.0	0.0	0.0	41.4
USA, New Mexico: Hispanic White	633	95.9	1.7	0.6	39.3	477	93.7	2.7	0.6	47.8
USA, New Mexico: Non-Hispanic White	1260	95.9	1.7	0.5	37.5	1138	94.6	3.4	0.4	38.3
USA, New York State	28258	95.9	1.4	1.0	35.8	29994	94.9	1.5	1.1	36.4
USA, New York State: Black	2766	95.0	2.2	1.2	43.2	3664	95.9	1.0	1.0	41.3
USA, New York State: White	24605	96.0	1.3	1.0	35.3	25520	94.6	1.6	1.1	36.1
USA, Ohio	16548	96.7	1.6	1.1	39.5	17131	95.7	2.5	1.1	40.0
USA, Ohio: Black	1421	95.4	2.1	1.5	49.6	1611	94.4	3.9	0.9	47.7
USA, Ohio: White	14702	96.7	1.6	1.0	39.5	15061	95.8	2.4	1.1	40.3
USA, Oklahoma	4945	92.8	2.1	0.7	37.9	4719	92.3	2.1	0.7	39.2
USA, Oregon	4489	96.3	1.4	0.5	38.4	4518	95.0	1.8	0.8	35.7
USA, Pennsylvania	22290	97.9	0.5	0.4	36.6	22679	96.6	0.8	0.6	38.4
USA, Pennsylvania: Black	1524	96.9	0.7	0.5	42.9	1724	96.1	1.4	0.6	45.2
USA, Pennsylvania: White	20421	97.9	0.5	0.4	36.6	20624	96.7	0.8	0.5	38.2
USA, Rhode Island	1789	98.0	1.2	0.1	33.5	1864	96.1	1.6	0.5	38.3
USA, SEER (9 Registries)	33857	97.8	0.7	0.2	35.0	33868	96.6	1.2	0.3	35.9
USA, SEER (9 Registries): Black	3020	97.3	0.8	0.6	41.0	3361	96.5	1.1	0.3	40.9
USA, SEER (9 Registries): White	27826	97.9	0.7	0.2	35.0	27853	96.4	1.3	0.3	36.1
USA, SEER (14 Registries)	92106	97.7	0.7	0.4	35.8	91132	96.6	1.0	0.5	36.6
USA, SEER (14 Registries): Asian and Pacific Islander	5622	98.4	0.4	0.3	31.2	5089	98.0	0.4	0.3	28.6
USA, SEER (14 Registries): Black	8328	96.9	0.9	0.7	43.2	9161	96.2	1.0	0.5	41.8
USA, SEER (14 Registries): Hispanic White	6364	97.7	0.6	0.5	31.0	5649	97.0	0.8	0.5	29.8
USA, SEER (14 Registries): Non-Hispanic White	70792	97.7	0.7	0.4	36.0	70342	96.5	1.1	0.5	37.3
USA, South Carolina	5557	96.5	1.3	1.4	37.2	5153	95.5	1.7	1.7	38.4
USA, South Carolina: Black	1321	95.2	1.2	2.0	45.1	1389	95.8	1.4	1.7	40.6
USA, South Carolina: White	4180	97.0	1.3	1.1	35.1	3715	95.5	1.9	1.6	37.9
USA, Texas	22324	95.9	2.3	0.9	37.6	20818	94.3	3.4	1.0	38.8
USA, Texas: Black	2474	94.8	3.2	0.9	47.9	2653	93.9	3.7	1.2	45.7
USA, Texas: White	19326	96.0	2.2	0.9	36.9	17644	94.4	3.4	1.0	38.4
USA, Utah	1688	98.6	0.2	0.0	36.9	1657	97.3	0.5	0.1	37.3
USA, Vermont	865	96.6	1.6	0.1	37.9	888	94.9	1.9	0.1	40.1
USA, Washington State	7301	97.2	0.7	0.5	34.4	6881	95.9	1.1	0.8	35.5
USA, Washington, Seattle	4765	97.5	0.5	0.4	34.7	4644	96.2	0.8	0.8	35.3
USA, West Virginia	3249	97.3	0.8	0.6	37.5	3310	96.7	1.1	0.4	37.9
USA, Wisconsin	7687	95.5	1.7	1.3	37.1	7392	93.9	2.4	1.6	38.1
Asia										
Bahrain: Bahraini	80	86.3	7.5	0.0	56.3	47	91.5	4.3	0.0	53.2
China, Guangzhou City	1374	78.2	0.0	0.1	52.4	1135	80.8	0.0	0.0	52.6*
China, Hong Kong	8775	94.3	0.9	0.0	43.5	7234	93.4	1.1	0.0	43.3
China, Jiashan	272	96.7	0.4	0.0		242	97.1	0.0	0.0	*
China, Nangang District, Harbin City	427	85.2	0.9	0.5	51.1	366	84.7	1.4	0.0	34.2
China, Shanghai	6533	79.9	0.4	0.0	45.7	6339	79.2	0.6	0.0	43.4*
China, Zhongshan	575	95.8	0.0	0.0		448	94.4	0.2	0.0	*
Cyprus	510	99.4		0.0	24.0	457	98.2		0.9	20.2*
India, Chennai (Madras)	543	77.0	1.7	7.2	31.9	395	78.5	2.8	5.3	38.0
India, New Delhi	1155	79.0	1.6	0.0		675	72.0	1.6	0.0	*
India, Karunagappally	36	91.7	0.0	0.0	8.3	34	85.3	0.0	0.0	8.8
India, Mumbai (Bombay)	1334	79.5	5.4	0.3	32.5	914	76.0	7.8	0.2	34.0
India, Nagpur	249	89.6	0.0	0.0		160	98.8	0.0	0.0	*
India, Poona	335	85.4	7.5	0.0		302	82.5	8.6	0.0	*
India, Trivandrum	151	92.1	0.7	0.7		115	93.0	1.7	0.0	*
Israel	7337	92.7	1.6	1.0	41.9	7371	91.7	2.3	1.0	42.8
Israel: Jews	6966	93.7	1.3	0.7		6982	92.9	1.9	0.8	
Israel: Non-Jews	272	94.1	0.0	2.2		257	94.2	0.8	1.9	
Japan, Aichi Prefecture	1630	89.1	8.2	2.7	35.5	1220	84.7	12.3	3.0	42.6
Japan, Fukui Prefecture	1812	92.4	2.3	0.4	35.6	1454	89.3	3.8	0.5	40.2
Japan, Hiroshima	2304	97.1	1.2	0.0	29.9	1749	94.5	2.2	0.0	32.3
Japan, Miyagi Prefecture	6166	87.6	7.4	0.0	30.7	4331	83.9	11.5	0.0	35.7
Japan, Nagasaki Prefecture	3464	92.4	2.1	0.1	37.8	2842	89.1	4.2	0.1	40.6
Japan, Osaka Prefecture	14062	79.0	5.6	0.0	47.2	10353	74.7	8.7	0.0	51.8
Japan, Yamagata Prefecture	3652	90.2	5.1	0.5	33.7	2807	86.6	6.3	0.7	40.7

*Important. See note on population page.

Indices of data quality
Large bowel (C18-21) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	25365	90.0	3.2	0.0	37.9	19979	87.3	4.1	0.0	40.5
Korea, Busan	2101	88.0	2.7	0.0	37.4	1665	84.4	3.9	0.0	43.1
Korea, Daegu	1490	93.4	2.3	0.0	37.2	1245	89.2	2.7	0.0	39.0
Korea, Daejeon	899	92.5	2.1	0.0	33.5	642	87.7	2.8	0.0	37.4
Korea, Gwangju	695	90.9	1.4	0.0	40.0	623	87.0	3.2	0.0	36.9
Korea, Incheon	1497	90.2	2.4	0.0	39.3	1167	88.5	2.3	0.0	40.5
Korea, Jejudo	165	90.3	0.6	0.0	37.3	156	87.8	0.6	0.0	34.6
Korea, Seoul	7332	91.0	3.8	0.0	30.1	5539	88.8	5.0	0.0	32.6
Korea, Ulsan	369	90.0	3.5	0.0	36.6	327	86.9	4.6	0.0	41.3
Kuwait: Kuwaitis	131	84.7	14.5	0.0		152	90.1	8.6	0.7	
Kuwait: Non-Kuwaitis	152	94.1	4.6	0.0		83	90.4	8.4	0.0	
Malaysia, Penang	443	93.5	2.0	0.0	28.2	373	92.0	1.6	0.0	34.9
Malaysia, Sarawak	490	90.2	5.1	0.0	28.6	438	89.5	4.8	0.0	17.1
Oman: Omani	94	88.3	0.0	1.1		62	98.4	0.0	0.0	*
Pakistan, South Karachi	210	97.1	0.0	0.0		112	99.1	0.0	0.0	*
Philippines, Manila	1560	79.2	5.0	0.1		1483	81.1	3.3	0.0	*
Singapore	3228	97.0	0.0	0.0	47.0	2782	96.0	0.0	0.0	49.7
Singapore: Chinese	2907	97.2	0.0	0.0		2537	96.0	0.0	0.0	
Singapore: Indian	117	95.7	0.0	0.0		72	98.6	0.0	0.0	
Singapore: Malay	204	94.6	0.0	0.0		173	94.2	0.0	0.0	
Thailand, Chiang Mai	389	88.7	0.0	0.0	0.3	384	92.4	0.0	0.0	0.5*
Thailand, Lampang	265	63.0	16.6	0.0	72.8	235	59.6	20.4	0.0	71.1*
Thailand, Songkhla	265	90.2	6.4	0.0	59.6	217	87.1	4.1	1.8	64.1
Turkey, Antalya	385	91.7	2.1	2.6	34.3	272	95.2	0.7	0.4	27.2*
Turkey, Izmir	1139	92.0	0.1	1.7	41.4	842	93.9	0.0	0.8	37.3*
Europe										
Austria	12767	94.2	5.3	0.1	49.7	11780	91.6	7.5	0.1	53.5
Austria, Tyrol	908	97.6	1.3	0.0	36.7	858	94.3	1.6	0.0	45.7
Austria, Vorarlberg	452	94.0	2.9	1.1	39.2	435	88.5	8.7	0.2	43.9
Belarus	7875	88.3		0.0	69.9	8868	86.2		0.0	63.5*
Belgium, Antwerp	2819	98.9		0.0		2287	98.5		0.0	*
Belgium, Flanders	8578	93.3		5.7	45.1	7301	90.9		7.2	46.9
Bulgaria	10419	68.4	14.0	0.1	57.9	8271	65.7	16.2	0.2	58.2*
Croatia	7224	82.4	4.7	12.8	56.1	5693	80.1	6.2	13.7	56.6
Czech Republic	21727	90.0	2.9	0.5	57.5	16111	87.5	3.9	0.7	58.7
Denmark	8994	93.9	0.3	2.1	55.8	8821	92.0	0.3	2.6	59.5
Estonia	1454	93.3	0.3	0.0	57.7	1803	90.4	0.5	0.0	57.4
Finland	5234	97.2	0.6	0.3	45.2	5780	95.4	0.9	0.7	45.3
France, Bas-Rhin	1780	99.4		0.0	42.6	1367	97.7		0.0	44.5
France, Calvados	858	96.3		0.0	45.1	747	92.8		0.0	51.9
France, Doubs	744	98.3		0.1	41.9	576	96.9		0.0	46.2
France, Haut-Rhin	1224	98.8		0.3	40.2	1012	98.7		0.3	49.9
France, Herault	1570	99.4		0.0	41.2	1348	99.4		0.0	39.1
France, Isere	1675	98.1		0.3	39.8	1362	97.1		0.2	43.5
France, Loire-Atlantique	1671	99.6		0.0	48.2	1372	99.1		0.0	49.5
France, Manche	754	99.6		0.0	53.2	641	99.4		0.0	57.6
France, Somme	813	96.6	0.1	0.4	49.3	703	93.0	0.3	1.0	50.1
France, Tarn	709	97.3		0.0	46.4	571	94.2		0.0	47.1
France, Vendee	1076	99.1		0.4	52.1	718	97.6		1.4	60.4
Germany, Brandenburg	4491	85.2	12.7	1.0	106.1	4166	78.4	18.5	0.8	124.3
Germany, Free State of Saxony	8616	89.9	8.5	0.1	36.9	8443	83.7	13.4	0.1	44.0
Germany, Hamburg	2277	78.0	8.5	0.0	54.9	2851	72.3	11.2	0.0	61.0
Germany, Mecklenburg-Western Pomerania	2975	86.6	12.1	0.1	35.7	2773	79.4	18.0	0.2	39.8
Germany, Munich	4465	94.2	2.9	0.0	39.3	4239	89.5	5.8	0.0	42.8
Germany, Northrhine-Westphalia: Munster	4778	85.3	7.5	0.9	47.6	4923	82.2	9.8	0.9	52.4
Germany, Saarland	2473	96.6	2.5	0.1	41.4	2438	95.3	3.2	0.0	44.7
Iceland	308	99.0	0.0	0.0	47.1	269	99.6	0.0	0.0	47.6
Ireland	5362	91.9	1.8	0.5	49.2	4075	87.5	3.4	0.8	47.5
Italy, Biella Province	401	95.5	1.2	1.0	45.9	367	92.6	1.1	0.8	52.0
Italy, Brescia Province	1013	90.9	1.0	0.0	44.7	983	89.1	2.2	0.0	40.1
Italy, Ferrara Province	1036	94.8	0.4	0.0	43.8	861	90.2	0.9	0.0	44.3
Italy, Florence and Prato	3008	92.1	0.5	0.0	38.6	2490	88.0	0.6	0.0	42.0
Italy, Genoa Province	1364	91.1	0.8	0.0	43.9	1344	85.0	1.6	0.0	44.8
Italy, Macerata Province	416	91.6	1.0	0.2	48.1	371	88.9	1.6	0.5	41.0
Italy, Milan	2257	92.3	1.0	0.0	45.6	2302	87.9	2.3	0.0	44.7
Italy, Modena Province	1433	97.6	0.1	0.0	41.7	1104	95.1	0.1	0.0	41.6
Italy, Naples	452	87.2	1.8	0.0	42.4	431	86.3	1.2	0.0	36.0
Italy, North East Cancer Surveillance Network	4781	96.3	0.4	0.0	42.7	3974	94.0	0.7	0.0	46.8
Italy, Parma Province	944	93.6	0.2	0.1	38.3	814	90.2	0.7	0.0	45.1
Italy, Ragusa Province	425	90.1	1.2	0.9	44.2	365	87.7	2.5	0.8	45.2
Italy, Reggio Emilia Province	1019	94.1	0.1	0.0	36.5	779	90.9	0.3	0.0	37.5
Italy, Romagna Region	2470	95.1	0.5	0.0	40.1	2112	91.7	1.1	0.0	38.8
Italy, Salerno Province	1009	83.6	1.1	0.0	39.4	840	80.7	0.8	0.0	45.0
Italy, Sassari Province	638	94.4	1.6	0.2	45.3	469	93.4	2.3	0.2	48.0
Italy, Syracuse Province	398	89.4	3.0	0.0	41.2	396	88.9	4.0	0.0	41.4
Italy, Sondrio	286	94.1	0.7	0.0	34.1	265	90.6	1.1	0.0	46.2
Italy, Torino	2052	95.0	1.0	0.1	41.6	1839	92.6	1.5	0.0	45.8
Italy, Umbria Region	2175	90.5	0.4	5.8	41.3	1798	87.2	0.9	7.5	43.9
Italy, Varese Province	920	95.5	0.1	0.0	38.6	811	92.4	0.1	0.0	39.5
Italy, Veneto Region	3307	94.8	0.7	0.0	39.2	2751	91.9	1.2	0.0	40.9

*Important. See note on population page.

Indices of data quality
Large bowel (C18-21) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	2116	80.9	3.6	0.4	66.6	2598	77.9	4.6	0.5	66.9
Lithuania	3384	84.6	1.3	0.0	61.1	3472	82.9	1.7	0.0	61.7
Malta	375	93.1	0.8	0.0	59.7	390	92.1	1.5	0.0	50.0
Norway	7808	96.1	0.4	0.0	50.1	8066	94.5	0.5	0.0	49.7
Poland, Cracow	801	55.8	6.5	0.0	65.2	779	56.6	8.3	0.0	65.1*
Poland, Kielce	1245	84.9	2.5	2.0	58.9	1093	81.3	3.3	2.9	61.5
Poland, Warsaw City	1860	87.5	0.3	0.2	63.0	1752	86.3	0.6	0.1	66.0
Portugal, Porto	4368	98.0		0.1	45.8	3528	97.0		0.1	43.9*
Portugal, South Regional	4871	89.1	8.8	0.0	52.9	3749	85.9	11.8	0.0	54.1
Russia, St Petersburg	5299	84.8		5.3	78.7	7610	82.2		6.1	81.1
Serbia	5616	81.4	7.1	0.1	58.0	3859	80.5	9.1	0.1	60.4
Slovak Republic	8311	88.2	6.9	0.5	62.3	6086	86.1	8.4	0.4	59.9
Slovenia	3093	98.0	1.2	0.8	54.8	2450	96.4	2.2	1.3	56.9
Spain, Albacete	358	93.3	2.2	0.3	53.9	268	89.2	6.0	0.4	50.4
Spain, Asturias	2043	93.2	2.3	0.6	58.6	1381	90.8	4.3	0.6	55.8
Spain, Basque Country	3328	94.5	1.9	0.5	45.9	2129	89.9	4.1	0.1	46.5
Spain, Canary Islands	1453	96.6	1.9	0.3	46.5	1224	92.8	3.6	0.5	49.6
Spain, Cuenca	343	89.5	5.2	0.0	43.7	252	84.1	7.9	1.2	49.6
Spain, Girona	1126	94.9	2.4	0.1	43.2	789	88.6	5.8	0.4	45.2
Spain, Granada	995	95.2	0.5	0.0	48.3	774	93.9	0.9	0.0	54.3
Spain, Murcia	1681	93.9	2.1	0.4	43.7	1299	93.5	2.1	0.2	46.0
Spain, Navarra	1022	95.8	1.5	0.1	42.5	717	90.9	2.2	0.0	51.6
Spain, Tarragona	934	92.2	4.6	0.0	45.7	687	88.1	6.8	0.0	44.7
Spain, Zaragoza	1236	93.3	3.3	0.2	61.0	962	91.4	4.6	0.3	61.6
Sweden	13048	99.1		0.0	48.3	12548	98.7		0.0	49.5
Switzerland, Geneva	527	97.9	0.0	0.0	35.5	569	94.2	1.1	0.0	37.3
Switzerland, Graubunden and Glarus	335	94.3	0.0	0.0	43.3	262	92.7	0.4	0.0	45.4
Switzerland, Neuchatel	272	96.3	0.4	0.0	41.9	209	96.2	1.4	0.0	49.3
Switzerland, St Gall-Appenzell	648	97.2	0.2	0.0	40.3	561	94.7	0.0	0.0	45.3
Switzerland, Ticino	503	98.4	0.4	0.0	37.6	454	95.6	1.5	0.0	39.4
Switzerland, Valais	372	97.0	0.8	0.0	44.9	257	96.9	0.4	0.0	44.0
Switzerland, Vaud	935	97.5	1.8	0.0	40.6	856	95.1	3.6	0.0	40.0
The Netherlands	23987	98.1		0.0	45.2	22425	97.4		0.0	49.1
The Netherlands, Eindhoven	1627	98.8		0.0		1493	98.1		0.0	
The Netherlands, Maastricht	1541	98.6		0.0	42.1	1382	97.3		0.0	47.5
UK, East of England Region	4507	91.1	0.2	1.2	42.8	3983	87.2	0.4	1.4	46.1
UK, England, Merseyside and Cheshire	4206	87.5	3.1	0.2	46.4	3309	83.0	3.8	0.3	47.0
UK, England, North Western	6644	90.7	1.0	1.0	45.8	5751	85.4	2.0	1.3	48.7
UK, England, Northern and Yorkshire	11592	92.3	1.1	0.0	44.6	9400	87.2	1.8	0.0	46.2
UK, England, Oxford Region	3604	93.1	0.5	4.6	46.7	3204	87.8	1.5	7.4	47.8
UK, England, South and Western Regions	11560	86.2	1.3	4.0	48.8	10896	81.0	2.0	6.2	51.0
UK, England, Thames	18022	85.0	6.2	2.7	47.6	17201	79.7	8.9	3.1	50.0
UK, England, Trent	7801	87.2	3.5	0.8	45.6	6420	82.5	5.3	0.7	48.5
UK, England, West Midlands	8807	91.0	2.5	0.0	46.4	7116	86.2	4.3	0.0	47.8
UK, Northern Ireland	2382	90.4	1.0	0.0	44.9	2181	88.9	1.5	0.0	45.0
UK, Scotland	9035	93.1	0.4	0.6	47.4	8111	89.5	0.7	0.6	48.2
Oceania										
Australia, New South Wales	11289	96.2	0.4	0.0	36.8	9461	94.4	1.0	0.0	36.7
Australia, Northern Territory	144	95.8	1.4	0.0	27.8	82	96.3	1.2	0.0	35.4
Australia, Queensland	6249	93.7	0.8	0.1	36.0	5143	91.9	1.5	0.1	36.0
Australia, South	2928	93.9	0.0	0.5	38.4	2605	92.1	0.0	0.2	37.6
Australia, Tasmania	885	95.8	0.1	0.0	39.9	830	92.0	0.6	0.0	43.9
Australia, Victoria	8543	94.4	0.8	1.1	38.4	7252	92.5	1.5	0.8	40.2
Australia, Western	2894	96.7	1.2	0.1	40.6	2282	93.6	1.8	0.1	41.5
Australian Capital Territory	438	95.4	0.0	0.0	33.3	340	92.4	0.6	0.0	43.5
French Polynesia	69	97.1	2.9	0.0	37.7	40	92.5	5.0	0.0	45.0
New Zealand	6436	95.1	1.4	0.0	45.3	6296	93.0	2.6	0.0	44.3
USA, Hawaii	1890	98.4	0.4	0.1	31.2	1470	97.1	0.7	0.3	29.3
USA, Hawaii: Chinese	134	97.0	0.7	0.0		116	95.7	0.9	1.7	
USA, Hawaii: Filipino	270	97.8	0.4	0.0		143	96.5	0.0	0.7	
USA, Hawaii: Hawaiian	200	99.0	0.0	0.0		162	98.8	0.0	0.0	
USA, Hawaii: Japanese	739	99.1	0.5	0.0		613	97.4	0.3	0.0	
USA, Hawaii: White	458	97.8	0.2	0.4	31.2	334	96.7	1.5	0.0	33.2

*Important. See note on population page.

Indices of data quality
Liver (C22)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	22	59.1		0.0		16	62.5		6.3	*
Egypt, Gharbiah	912	41.3	15.9	0.0	41.8	227	38.8	29.1	0.0	56.4
Tunisia, Centre, Sousse	20	85.0		0.0		7	71.4		0.0	*
Uganda, Kyadondo County	100	40.0		0.0		73	28.8		0.0	*
Zimbabwe, Harare: African	265	14.3	34.3	0.0		159	14.5	37.1	0.0	*
America, Central and South										
Argentina, Bahia Blanca	41	53.7	41.5	4.9	158.5	16	56.3	31.3	12.5	231.3
Brazil, Brasilia	135	83.7	10.4	5.2	80.0	148	82.4	11.5	4.1	63.5
Brazil, Cuiaba	41	58.5	26.8	7.3	61.0	26	61.5	34.6	3.8	76.9
Brazil, Goiania	49	77.6	18.4	0.0	171.4	22	50.0	45.5	0.0	200.0
Brazil, Sao Paulo	585	94.7	1.2	0.0	209.9	300	91.3	4.0	0.0	280.0
Chile, Valdivia	46	23.9	41.3	0.0	102.2	41	36.6	51.2	0.0	117.1
Colombia, Cali	105	66.7	8.6	0.0	196.2	124	68.5	8.9	0.0	183.9
Costa Rica	444	27.7	41.2	0.0	104.5	321	20.6	42.1	0.0	110.6
Ecuador, Quito	94	39.4	33.0	0.0	151.1	129	27.1	47.3	0.0	139.5
France, La Martinique	44	81.8		4.5	110.8	25	84.0		8.0	155.0
Peru, Trujillo	22	100.0	0.0	0.0		13	100.0	0.0	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	3301	57.0	3.5	17.0	93.3	1393	52.1	5.0	18.6	126.0
Canada, Alberta	417	63.5	0.5	1.0	76.7	164	55.5	1.2	0.0	112.8
Canada, British Columbia	736	52.0	4.5	0.1	82.1	309	50.8	7.8	0.0	104.2
Canada, Manitoba	168	46.4	8.9	0.0	100.6	79	34.2	10.1	0.0	132.9
Canada, New Brunswick	59	71.2	0.0	0.0	125.4	25	68.0	4.0	0.0	168.0
Canada, Newfoundland and Labrador	32	90.6		3.1	181.3	18	83.3		0.0	194.4
Canada, Northwest Territories	1	100.0	0.0	0.0	300.0	0	0.0	0.0	0.0	2.0
Canada, Nova Scotia	87	52.9	1.1	3.4	111.5	45	48.9	6.7	0.0	144.4
Canada, Ontario	1696	57.3	2.6	32.6	96.3	708	53.0	2.8	36.6	128.8
Canada, Prince Edward Island	16	75.0	0.0	0.0	56.3	5	60.0	0.0	0.0	180.0
Canada, Saskatchewan	89	60.7	22.5	0.0	125.8	40	47.5	30.0	0.0	195.0
USA, Alabama	638	64.1	10.5	6.9	115.0	359	63.5	13.1	8.9	125.9
USA, Alabama: Black	123	64.2	8.9	5.7	130.9	81	66.7	11.1	11.1	135.8
USA, Alabama: White	506	64.0	11.1	7.3	112.6	271	62.7	14.0	8.1	125.1
USA, Alaska	100	77.0	1.0	6.0	71.0	47	70.2	0.0	8.5	78.7
USA, Arizona	798	72.2	5.0	7.8	90.7	345	69.0	7.0	9.0	112.5
USA, California	7052	69.7	2.5	3.4	77.2	3296	68.1	3.2	4.2	92.1
USA, California: Asian and Pacific Islander	1858	70.2	1.7	2.7	70.2	804	66.5	2.2	3.4	79.0
USA, California: Black	525	71.2	4.0	3.2	81.0	207	68.1	3.4	3.9	96.6
USA, California: Hispanic White	1594	65.6	2.8	4.0	66.1	768	69.8	3.5	4.0	83.1
USA, California: Non-Hispanic White	2987	71.4	2.5	3.4	88.1	1475	68.0	3.6	4.7	104.7
USA, California, Greater San Francisco Bay Area	1651	66.1	3.8	1.8	74.0	713	60.7	5.6	1.8	91.3
USA, California, Greater San Francisco Bay Area: Black	139	64.7	2.2	2.2	79.1	56	66.1	3.6	1.8	87.5
USA, California, Greater San Francisco Bay Area: Chinese	294	64.6	3.7	1.7		92	62.0	1.1	3.3	
USA, California, Greater San Francisco Bay Area: Filipino	93	67.7	0.0	2.2		47	68.1	4.3	0.0	
USA, California, Greater San Francisco Bay Area: Japanese	21	66.7	9.5	4.8		22	54.5	9.1	4.5	
USA, California, Greater San Francisco Bay Area: Hispanic White	240	65.4	6.3	2.1	61.7	114	68.4	4.4	0.0	73.7
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	616	69.2	4.4	1.3	86.4	276	59.8	8.0	1.8	110.1
USA, California, Los Angeles County	2083	71.0	2.3	3.8	77.1	1072	70.1	3.1	4.9	88.3
USA, California, Los Angeles County: Black	224	71.9	5.4	4.9	85.3	92	69.6	4.3	4.3	108.7
USA, California, Los Angeles County: Chinese	190	74.7	1.6	4.2	80.0	84	71.4	0.0	7.1	92.9
USA, California, Los Angeles County: Filipino	99	80.8	0.0	2.0	70.7	33	81.8	0.0	3.0	78.8
USA, California, Los Angeles County: Japanese	36	58.3	5.6	2.8	83.3	46	69.6	2.2	2.2	78.3
USA, California, Los Angeles County: Korean	144	66.0	0.7	5.6	81.3	73	65.8	4.1	9.6	69.9
USA, California, Los Angeles County: Hispanic White	591	66.3	2.4	4.9	71.6	340	70.0	3.5	5.3	80.9
USA, California, Los Angeles County: Non-Hispanic White	642	73.5	2.2	2.6	84.7	348	69.5	3.7	4.0	101.1
USA, Colorado	537	71.3	4.3	3.7	78.0	257	72.8	4.7	3.9	103.1
USA, Connecticut	602	82.9	3.3	1.7	79.7	276	80.4	4.7	2.5	97.8
USA, Connecticut: Black	57	87.7	1.8	1.8	75.4	18	77.8	5.6	0.0	100.0
USA, Connecticut: White	527	82.4	3.6	1.7	81.4	249	79.9	4.8	2.8	97.2
USA, District of Columbia	135	74.8	8.1	4.4	91.9	56	78.6	3.6	1.8	108.9
USA, District of Columbia: Black	98	70.4	11.2	5.1	98.0	49	75.5	4.1	2.0	95.9
USA, District of Columbia: White	30	86.7	0.0	3.3	80.0	7	100.0	0.0	0.0	185.7
USA, Florida	3370	72.9	12.9	2.2	87.9	1550	70.5	13.4	2.0	103.8
USA, Florida: Black	358	73.5	11.7	2.0	83.0	153	71.9	11.8	2.6	113.1
USA, Florida: White	2914	72.4	13.2	2.2	89.7	1356	69.9	13.9	2.0	104.5
USA, Georgia	872	79.2	3.7	1.3	97.7	457	72.0	8.5	2.2	118.6
USA, Georgia: Black	216	78.7	1.9	1.4	93.1	108	72.2	0.9	2.8	120.4
USA, Georgia: White	603	79.6	4.6	1.3	101.3	323	70.6	11.5	2.2	121.7
USA, Georgia, Atlanta	326	80.7	2.8	0.6	87.1	143	76.2	2.8	0.7	109.1
USA, Georgia, Atlanta: Black	108	76.9	0.9	0.9	80.6	53	71.7	0.0	1.9	96.2
USA, Georgia, Atlanta: White	170	84.1	4.7	0.6	97.1	73	75.3	5.5	0.0	127.4
USA, Idaho	130	66.2	10.8	1.5	97.7	74	73.0	10.8	2.7	108.1
USA, Illinois	2031	76.2	7.0	1.9	84.9	1074	69.9	11.2	2.2	107.3
USA, Illinois: Black	343	70.3	12.8	2.6	91.0	185	67.6	17.8	2.2	114.1
USA, Illinois: White	1553	76.6	6.1	1.7	86.0	834	70.6	10.0	2.3	108.3
USA, Indiana	766	74.7	6.1	2.3	103.1	392	77.0	5.4	0.8	122.7
USA, Iowa	379	76.0	2.6	1.8	87.1	203	69.5	7.4	3.4	104.9
USA, Kentucky	516	76.6	2.5	5.8	105.8	291	77.7	3.1	4.5	125.4
USA, Louisiana	853	75.0	5.2	1.3	95.1	349	74.8	6.9	0.3	137.0
USA, Louisiana: Black	228	74.1	7.0	1.8	105.3	89	70.8	7.9	0.0	127.0
USA, Louisiana: White	591	74.6	4.7	1.2	92.9	255	76.9	6.3	0.4	138.8
USA, Louisiana, New Orleans: Black	86	72.1	10.5	0.0	105.8	36	75.0	5.6	0.0	119.4
USA, Louisiana, New Orleans: White	162	78.4	5.6	0.0	83.3	67	76.1	9.0	1.5	111.9

*Important. See note on population page.

Indices of data quality
Liver (C22) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	196	61.7	6.1	5.6	87.8	72	69.4	1.4	8.3	145.8
USA, Massachusetts	1162	74.6	6.0	5.2	86.7	488	63.7	10.5	9.2	102.0
USA, Michigan	1613	76.3	3.5	5.3	87.7	799	70.7	4.1	6.9	105.5
USA, Michigan: Black	295	75.9	2.0	4.7	82.7	113	76.1	1.8	6.2	99.1
USA, Michigan: White	1257	76.1	3.7	5.4	90.1	664	69.4	4.4	7.1	106.5
USA, Michigan, Detroit	791	78.1	3.9	1.9	86.6	373	75.3	5.4	2.1	100.0
USA, Michigan, Detroit: Black	233	81.1	2.6	1.7	78.5	90	80.0	3.3	1.1	100.0
USA, Michigan, Detroit: White	529	76.4	4.5	1.9	91.3	271	72.7	6.3	2.6	100.4
USA, Missouri	813	76.4	5.5	5.8	95.8	375	75.2	4.0	8.0	127.7
USA, Missouri: Black	146	76.0	8.9	2.7	87.7	59	76.3	3.4	5.1	111.9
USA, Missouri: White	646	76.0	5.0	6.7	98.3	309	74.8	4.2	8.7	131.4
USA, Montana	99	62.6	20.2	3.0	120.2	66	57.6	24.2	0.0	101.5
USA, NPCR	39416	73.2	6.3	3.6	84.8	18834	69.9	8.0	4.2	102.8
USA, NPCR: Black	4843	73.0	7.4	3.1	86.6	2074	71.0	8.1	3.9	106.3
USA, NPCR: White	30392	73.3	6.6	3.7	87.5	15047	69.9	8.4	4.3	105.7
USA, New Jersey	1621	76.6	4.4	2.2	80.0	752	69.4	7.6	2.9	99.1
USA, New Jersey: Black	229	74.2	5.2	1.3	81.7	83	75.9	4.8	1.2	101.2
USA, New Jersey: White	1247	77.4	4.6	2.2	82.4	619	67.7	8.4	3.2	101.5
USA, New Mexico	368	67.7	7.3	3.0	83.4	178	68.5	14.6	0.6	91.6
USA, New Mexico: American Indian	37	62.2	8.1	8.1	83.8	15	73.3	20.0	0.0	93.3
USA, New Mexico: Hispanic White	175	68.6	6.3	2.3	78.9	68	64.7	17.6	0.0	104.4
USA, New Mexico: Non-Hispanic White	145	66.9	9.0	2.8	89.7	88	69.3	12.5	1.1	83.0
USA, New York State	4206	72.0	4.8	3.7	70.1	1981	68.0	7.1	4.0	85.3
USA, New York State: Black	616	72.9	4.7	2.6	70.8	291	69.4	8.2	3.1	89.7
USA, New York State: White	3072	72.5	5.1	3.6	72.4	1520	68.2	7.4	4.1	87.1
USA, Ohio	1576	77.8	9.1	5.5	97.6	854	74.8	11.5	4.8	102.2
USA, Ohio: Black	265	74.0	10.6	5.7	85.3	102	73.5	13.7	5.9	108.8
USA, Ohio: White	1247	78.1	9.2	5.6	103.1	729	74.6	11.5	4.8	103.2
USA, Oklahoma	495	63.2	8.7	2.8	88.5	291	69.1	5.5	2.7	94.5
USA, Oregon	462	61.7	5.6	3.9	85.9	238	62.6	6.7	6.3	104.2
USA, Pennsylvania	2366	79.0	3.0	1.8	80.1	1074	73.4	3.5	2.8	105.8
USA, Pennsylvania: Black	354	77.7	2.5	1.7	76.6	140	75.0	3.6	1.4	97.9
USA, Pennsylvania: White	1865	79.0	3.2	1.8	84.0	895	73.0	3.6	3.1	109.7
USA, Rhode Island	201	79.1	4.0	1.5	79.6	97	79.4	5.2	1.0	105.2
USA, SEER (9 Registries)	4885	73.4	3.3	2.1	81.0	2297	70.1	5.1	2.1	97.3
USA, SEER (9 Registries): Black	584	76.4	2.1	1.9	77.4	232	74.1	2.6	1.3	95.7
USA, SEER (9 Registries): White	3210	73.7	3.9	2.2	85.8	1574	70.0	6.2	2.3	102.1
USA, SEER (14 Registries)	13843	72.7	3.0	2.9	81.6	6525	70.4	4.4	3.3	98.9
USA, SEER (14 Registries): Asian and Pacific Islander	2592	71.7	1.6	2.5	70.7	1129	69.2	2.2	2.8	80.5
USA, SEER (14 Registries): Black	1483	75.2	3.9	2.2	84.4	582	72.2	4.0	2.2	104.0
USA, SEER (14 Registries): Hispanic White	2082	67.1	3.5	3.7	67.7	970	70.0	5.3	3.7	82.5
USA, SEER (14 Registries): Non-Hispanic White	7485	74.2	3.2	2.9	89.6	3746	70.6	4.9	3.4	108.7
USA, South Carolina	583	74.4	6.9	7.9	97.6	250	72.0	7.6	7.6	121.6
USA, South Carolina: Black	141	68.8	7.8	10.6	103.5	71	76.1	5.6	9.9	118.3
USA, South Carolina: White	427	76.1	6.6	7.0	97.7	164	68.3	9.1	6.7	128.7
USA, Texas	4014	71.1	12.4	3.3	84.9	1854	65.6	15.7	3.7	102.9
USA, Texas: Black	463	67.6	16.8	3.0	92.4	179	62.0	15.6	3.9	110.6
USA, Texas: White	3301	71.3	12.1	3.1	85.9	1588	66.3	15.8	3.3	103.2
USA, Utah	163	77.9	1.8	0.0	96.3	96	72.9	4.2	2.1	109.4
USA, Vermont	73	87.7	0.0	1.4	97.3	27	77.8	7.4	3.7	118.5
USA, Washington State	991	68.7	2.0	5.3	85.5	506	67.2	3.6	3.4	97.8
USA, Washington, Seattle	748	67.5	1.3	4.9	77.4	382	66.0	1.3	2.6	91.1
USA, West Virginia	259	81.1	6.6	2.7	100.0	143	74.1	1.4	6.3	128.0
USA, Wisconsin	893	77.0	9.2	7.4	86.0	430	72.3	12.8	10.2	104.2
Asia										
Bahrain: Bahraini	30	66.7	0.0	0.0	96.7	17	64.7	17.6	0.0	105.9
China, Guangzhou City	2425	29.1	0.0	0.1	96.9	729	20.0	0.0	0.0	96.3*
China, Hong Kong	6289	58.3	3.0	0.0	84.9	1771	54.7	5.0	0.0	92.9
China, Jiashan	440	20.0	0.5	0.0		174	16.7	0.6	0.0	*
China, Nangang District, Harbin City	713	68.3	2.1	1.7	89.6	252	71.4	2.4	1.6	71.4
China, Shanghai	6001	17.8	0.5	0.0	73.0	2300	14.9	1.1	0.0	76.3*
China, Zhongshan	857	41.2	0.4	0.0		177	37.9	0.0	0.0	*
Cyprus	74	90.5		2.7	84.5	29	82.8		0.0	137.9*
India, Chennai (Madras)	269	68.8	4.5	23.0	60.2	83	63.9	10.8	24.1	61.4
India, New Delhi	491	79.2	2.2	0.0		232	72.0	1.7	0.0	*
India, Karunagappally	34	52.9	5.9	0.0	20.6	8	37.5	25.0	0.0	25.0
India, Mumbai (Bombay)	895	76.5	10.6	0.6	53.0	433	73.7	15.7	0.0	56.6
India, Nagpur	65	92.3	0.0	0.0		35	97.1	0.0	0.0	*
India, Poona	209	78.9	13.4	0.0		88	60.2	21.6	0.0	*
India, Trivandrum	78	64.1	10.3	0.0		30	66.7	13.3	3.3	*
Israel	556	55.8	19.1	7.2	108.1	333	55.3	16.2	9.9	151.3
Israel: Jews	463	59.0	15.3	7.8		293	57.3	13.0	9.9	
Israel: Non-Jews	42	76.2	9.5	2.4		15	93.3	0.0	6.7	
Japan, Aichi Prefecture	862	59.0	30.6	10.3	80.6	388	58.0	30.7	11.3	79.4
Japan, Fukui Prefecture	815	17.7	5.4	1.5	86.1	446	11.0	7.8	0.9	87.0
Japan, Hiroshima	1632	35.7	8.3	0.0	80.9	659	27.6	14.1	0.0	88.0
Japan, Miyagi Prefecture	1709	31.4	22.7	0.0	85.3	880	22.8	28.8	0.0	84.9
Japan, Nagasaki Prefecture	1923	33.3	21.9	2.0	93.6	906	29.0	29.1	2.1	93.5
Japan, Osaka Prefecture	13494	90.6	8.8	0.0	89.2	5654	89.1	10.3	0.0	86.9
Japan, Yamagata Prefecture	969	27.0	18.6	1.1	90.5	607	21.1	20.6	1.2	87.5

*Important. See note on population page.

Indices of data quality
Liver (C22) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	40709	24.1	8.6	0.0	77.6	13339	23.8	10.1	0.0	73.9
Korea, Busan	4438	19.9	5.5	0.0	78.8	1582	19.7	7.6	0.0	74.2
Korea, Daegu	2582	30.8	6.7	0.1	76.6	869	26.9	9.9	0.1	73.6
Korea, Daejeon	990	28.0	6.5	0.0	79.0	339	26.3	7.4	0.0	71.1
Korea, Gwangju	1349	17.4	5.2	0.0	70.8	374	19.0	9.6	0.0	77.0
Korea, Incheon	1961	23.8	3.1	0.0	77.3	712	26.0	4.8	0.0	73.7
Korea, Jejudo	352	23.3	2.6	0.9	82.7	131	23.7	1.5	0.0	64.1
Korea, Seoul	9909	23.0	8.5	0.0	63.6	3269	24.2	11.3	0.0	58.1
Korea, Ulsan	659	33.4	5.8	0.0	79.5	185	28.1	10.3	0.0	83.2
Kuwait: Kuwaitis	74	35.1	44.6	2.7		37	24.3	67.6	0.0	
Kuwait: Non-Kuwaitis	77	42.9	36.4	0.0		27	40.7	48.1	3.7	
Malaysia, Penang	209	55.0	13.9	0.5	76.6	82	48.8	13.4	0.0	85.4
Malaysia, Sarawak	325	53.8	16.9	0.3	50.8	114	62.3	18.4	0.0	61.4
Oman: Omani	124	86.3	5.6	1.6		53	84.9	1.9	0.0	*
Pakistan, South Karachi	138	56.5	0.7	0.0		70	55.7	1.4	0.0	*
Philippines, Manila	1570	25.7	28.2	0.0		568	27.6	26.4	0.0	*
Singapore	1522	30.1	0.0	0.0	95.7	459	29.0	0.0	0.0	105.2
Singapore: Chinese	1352	31.0	0.0	0.0		409	29.6	0.0	0.0	
Singapore: Indian	59	22.0	0.0	0.0		14	28.6	0.0	0.0	
Singapore: Malay	111	23.4	0.0	0.0		36	22.2	0.0	0.0	
Thailand, Chiang Mai	730	46.3	0.4	0.0	0.4	278	46.0	0.4	0.0	1.1*
Thailand, Lampang	723	22.7	22.1	0.0	84.6	347	21.0	25.1	0.0	90.8*
Thailand, Songkhla	233	35.2	4.7	0.4	54.5	60	31.7	3.3	0.0	233.3
Turkey, Antalya	109	88.1	1.8	1.8	66.1	36	97.2	0.0	0.0	108.3*
Turkey, Izmir	253	56.5	0.0	2.4		111	49.5	0.0	1.8	*
Europe										
Austria	2604	72.8	18.1	0.2	86.2	1319	67.6	23.4	0.2	87.5
Austria, Tyrol	174	58.0	2.9	0.0	73.0	78	46.2	6.4	0.0	96.2
Austria, Vorarlberg	79	62.0	17.7	5.1	78.5	31	61.3	29.0	3.2	87.1
Belarus	998	42.9		0.0	106.7	705	44.8		0.0	105.7*
Belgium, Antwerp	88	80.7		0.0		50	88.0		0.0	*
Belgium, Flanders	496	74.4		10.5	143.3	366	65.6		11.5	156.0
Bulgaria	1949	15.3	45.6	0.3	129.3	1100	13.9	48.0	0.7	143.7*
Croatia	1162	44.5	20.0	35.5	102.5	784	38.1	22.2	39.7	99.0
Czech Republic	2569	61.9	11.3	1.1	109.8	1449	54.7	14.1	2.1	129.3
Denmark	878	83.7	1.0	5.0	87.4	540	74.6	0.7	5.4	96.3
Estonia	182	76.9	1.1	0.0	123.6	150	76.7	0.0	0.0	121.3
Finland	972	82.4	4.0	1.9	96.4	744	72.4	5.5	3.6	113.7
France, Bas-Rhin	485	55.3		0.0	101.4	104	53.8		0.0	140.4
France, Calvados	372	29.3		0.5	89.8	77	37.7		1.3	123.4
France, Doubs	150	55.3		0.7	102.0	48	47.9		0.0	106.3
France, Haut-Rhin	301	66.8		8.3	118.6	96	62.5		5.2	137.5
France, Herault	339	87.3		0.0	112.1	110	89.1		0.0	129.1
France, Isere	475	57.5		2.3	105.1	123	49.6		3.3	109.8
France, Loire-Atlantique	588	72.1		0.5	146.8	75	72.0		1.3	217.3
France, Manche	128	50.8		0.0	191.4	21	66.7		0.0	261.9
France, Somme	162	74.7	0.6	0.6	117.9	52	63.5	0.0	7.7	146.2
France, Tarn	93	66.7		1.1	143.0	31	61.3		0.0	177.4
France, Vendee	197	78.2		9.6	235.5	39	82.1		12.8	220.5
Germany, Brandenburg	619	45.4	45.2	7.1	209.5	386	29.8	59.3	7.3	206.5
Germany, Free State of Saxony	1255	52.4	36.7	1.7	68.4	666	43.7	46.5	1.2	80.5
Germany, Hamburg	355	46.8	16.3	0.0	69.6	280	30.4	18.9	0.0	62.9
Germany, Mecklenburg-Western Pomerania	459	47.9	45.1	2.8	71.9	231	33.8	57.6	1.3	80.5
Germany, Munich	407	97.1	0.0	0.0	145.2	129	96.9	0.0	0.0	214.7
Germany, Northrhine-Westphalia: Munster	615	77.6	14.6	1.0	73.3	324	69.4	18.5	0.9	81.2
Germany, Saarland	323	70.0	15.5	0.3	84.5	156	57.7	24.4	0.0	92.9
Iceland	20	95.0	0.0	0.0	125.0	7	100.0	0.0	0.0	257.1
Ireland	291	53.6	3.4	3.4	146.7	164	46.3	6.1	2.4	187.2
Italy, Biella Province	149	30.2	0.7	2.0	83.9	59	22.0	10.2	0.0	98.3
Italy, Brescia Province	732	57.8	1.1	0.0	78.0	284	50.7	3.5	0.0	92.3
Italy, Ferrara Province	243	46.5	0.8	0.0	87.2	129	33.3	5.4	0.0	114.0
Italy, Florence and Prato	558	45.2	1.4	0.0	95.0	294	27.2	2.4	0.0	101.0
Italy, Genoa Province	351	39.3	2.6	0.0	78.9	185	29.7	7.0	0.0	89.7
Italy, Macerata Province	75	38.7	5.3	1.3	90.7	29	31.0	10.3	3.4	144.8
Italy, Milan	794	48.9	1.6	0.0	89.8	383	35.5	7.6	0.0	113.8
Italy, Modena Province	333	45.3	0.9	0.0	85.0	192	37.0	1.6	0.0	83.3
Italy, Naples	535	32.3	1.7	0.0	62.8	199	33.7	4.0	0.0	98.4
Italy, North East Cancer Surveillance Network	1709	55.2	1.0	0.0	78.1	635	43.1	3.0	0.0	92.4
Italy, Parma Province	450	45.8	0.9	0.0	67.3	296	37.2	2.7	0.0	66.9
Italy, Ragusa Province	188	25.0	6.4	7.4	81.9	86	15.1	11.6	3.5	105.8
Italy, Reggio Emilia Province	224	48.7	0.4	0.0	80.4	104	49.0	0.0	0.0	94.2
Italy, Romagna Region	354	58.8	3.7	0.0	83.3	193	53.9	8.3	0.0	94.8
Italy, Salerno Province	510	41.2	7.6	0.0	94.3	295	33.6	11.9	0.0	99.7
Italy, Sassari Province	316	55.7	6.3	2.2	93.0	184	38.0	8.2	3.8	97.3
Italy, Syracuse Province	145	27.6	6.9	10.3	91.0	90	20.0	13.3	3.3	97.8
Italy, Sondrio	192	49.0	1.6	0.0	83.3	52	25.0	0.0	0.0	103.4
Italy, Torino	608	35.0	2.1	0.5	76.3	249	27.3	4.0	0.4	96.8
Italy, Umbria Region	456	63.4	0.9	20.6	76.8	277	47.3	5.8	23.5	86.6
Italy, Varese Province	308	68.8	0.0	0.0	83.4	122	62.3	0.0	0.0	100.8
Italy, Veneto Region	1325	51.8	3.0	0.0	78.4	525	37.5	6.3	0.0	83.8

*Important. See note on population page.

Indices of data quality
Liver (C22) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	313	16.9	18.2	1.9	111.5	251	20.3	17.5	0.0	104.8
Lithuania	420	58.3	5.5	0.0	96.7	299	57.2	3.3	0.0	100.7
Malta	35	60.0	5.7	0.0	108.6	17	58.8	5.9	0.0	135.3
Norway	388	83.5	2.1	0.0	78.1	250	77.2	2.4	0.0	89.2
Poland, Cracow	92	53.3	19.6	0.0	107.3	61	32.8	21.3	0.0	131.1*
Poland, Kielce	122	48.4	9.8	13.1	138.3	117	29.1	17.1	12.8	167.7
Poland, Warsaw City	182	66.5	0.0	0.0	139.6	152	58.6	1.3	0.7	181.6
Portugal, Porto	330	89.1		0.0	109.7	159	89.3		0.6	108.2*
Portugal, South Regional	623	54.6	35.2	0.0	93.1	269	40.9	48.3	0.0	96.3
Russia, St Petersburg	651	47.9		17.1	109.7	565	46.2		16.3	110.1
Serbia	1070	56.0	20.5	0.3	121.9	793	54.1	21.9	0.1	115.1
Slovak Republic	1041	50.9	12.4	15.7	104.0	667	48.4	14.8	13.3	109.0
Slovenia	415	91.8	5.3	2.9	103.1	168	85.1	10.7	4.2	145.8
Spain, Albacete	66	42.4	12.1	1.5	113.6	37	24.3	16.2	0.0	100.0
Spain, Asturias	491	57.0	9.8	4.1	93.7	146	44.5	8.9	2.7	132.4
Spain, Basque Country	778	40.2	6.4	2.4	73.9	332	34.9	15.1	1.8	93.7
Spain, Canary Islands	395	55.2	10.6	2.0	87.3	187	52.4	10.7	2.1	106.3
Spain, Cuenca	61	41.0	13.1	0.0	98.4	31	19.4	25.8	0.0	116.1
Spain, Girona	219	51.6	10.0	1.8	84.9	99	49.5	16.2	3.0	81.8
Spain, Granada	264	32.6	2.3	0.0	117.4	112	25.9	8.9	0.9	173.2
Spain, Murcia	285	66.7	6.7	2.1	93.3	135	51.9	16.3	0.0	106.7
Spain, Navarra	202	59.4	7.9	0.5	94.1	76	43.4	9.2	0.0	128.9
Spain, Tarragona	177	59.3	14.7	2.8	76.8	78	44.9	28.2	3.8	91.0
Spain, Zaragoza	194	81.4	11.9	0.0	123.2	98	65.3	25.5	0.0	162.2
Sweden	1250	99.3		0.0	132.2	705	97.4		0.0	182.7
Switzerland, Geneva	176	54.0	1.1	0.0	75.0	50	38.0	2.0	0.0	80.0
Switzerland, Graubunden and Glarus	57	45.6	0.0	0.0	66.7	22	59.1	0.0	0.0	72.7
Switzerland, Neuchatel	58	58.6	6.9	0.0	91.4	20	80.0	5.0	0.0	85.0
Switzerland, St Gall-Appenzell	88	76.1	0.0	0.0	93.2	37	81.1	0.0	0.0	113.5
Switzerland, Ticino	216	50.9	8.3	0.0	75.0	64	46.9	17.2	0.0	92.2
Switzerland, Valais	125	48.8	0.0	0.8	88.0	31	71.0	0.0	0.0	96.8
Switzerland, Vaud	214	70.1	11.7	0.0	93.5	72	69.4	13.9	0.0	101.4
The Netherlands	1029	78.7		0.0	142.2	484	74.6		0.0	206.4
The Netherlands, Eindhoven	40	75.0		0.0		28	64.3		0.0	
The Netherlands, Maastricht	58	86.2		0.0	136.2	23	73.9		0.0	187.0
UK, East of England Region	223	50.2	0.4	3.6	115.2	163	37.4	0.6	4.9	125.8
UK, England, Merseyside and Cheshire	506	53.2	9.1	0.4	57.1	673	34.5	8.5	0.4	32.7
UK, England, North Western	634	43.8	5.7	5.5	80.0	425	34.4	5.2	4.9	93.2
UK, England, Northern and Yorkshire	825	44.1	4.6	0.2	95.0	540	35.7	4.3	0.0	110.2
UK, England, Oxford Region	239	56.9	1.7	25.1	91.6	155	49.7	4.5	23.2	104.5
UK, England, South and Western Regions	907	41.6	4.2	11.8	88.6	607	38.6	3.8	14.5	96.2
UK, England, Thames	1736	46.4	19.5	7.8	94.8	912	38.6	23.0	7.3	116.8
UK, England, Trent	595	48.6	8.9	2.0	80.3	401	37.9	8.2	2.2	92.3
UK, England, West Midlands	616	48.1	15.1	0.0	93.3	366	37.4	21.9	0.0	120.2
UK, Northern Ireland	136	47.8	3.7	0.0	158.8	114	47.4	7.0	0.0	152.6
UK, Scotland	794	51.4	0.9	2.4	90.8	512	44.9	0.6	1.6	106.3
Oceania										
Australia, New South Wales	997	66.0	2.0	0.0	89.3	378	60.8	4.0	0.0	114.6
Australia, Northern Territory	28	64.3	3.6	0.0	92.9	6	83.3	0.0	0.0	183.3
Australia, Queensland	439	51.7	3.2	0.5	89.1	189	42.3	3.7	0.0	102.6
Australia, South	196	39.3	0.0	1.0	90.3	72	43.1	0.0	0.0	141.7
Australia, Tasmania	55	72.7	1.8	0.0	109.1	19	57.9	5.3	0.0	179.8
Australia, Victoria	836	55.6	4.5	3.3	85.0	292	49.7	6.5	3.4	117.8
Australia, Western	229	65.5	14.0	0.4	81.2	85	57.6	21.2	1.2	92.9
Australian Capital Territory	34	70.6	2.9	0.0	76.5	18	88.9	0.0	0.0	144.4
French Polynesia	59	72.9	20.3	1.7	101.7	18	77.8	22.2	0.0	83.3
New Zealand	506	66.2	10.7	0.2	88.3	247	59.9	13.4	0.4	89.1
USA, Hawaii	395	74.9	2.3	0.5	72.7	171	74.3	2.9	2.3	90.6
USA, Hawaii: Chinese	46	76.1	6.5	2.2		17	64.7	5.9	0.0	
USA, Hawaii: Filipino	68	79.4	1.5	0.0		21	71.4	0.0	4.8	
USA, Hawaii: Hawaiian	54	81.5	1.9	0.0		27	74.1	3.7	3.7	
USA, Hawaii: Japanese	107	78.5	0.0	0.0		65	81.5	1.5	0.0	
USA, Hawaii: White	69	62.3	4.3	1.4	78.3	18	66.7	11.1	5.6	116.7

*Important. See note on population page.

Indices of data quality
Pancreas (C25)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	9	44.4		0.0		8	62.5		0.0	*
Egypt, Gharbiah	164	33.5	5.5	0.0	24.4	109	29.4	15.6	0.0	35.8
Tunisia, Centre, Sousse	22	59.1		0.0		18	66.7		0.0	*
Uganda, Kyadondo County	12	16.7		0.0		6	16.7		0.0	*
Zimbabwe, Harare: African	66	19.7	13.6	0.0		56	19.6	23.2	0.0	*
America, Central and South										
Argentina, Bahia Blanca	90	43.3	51.1	3.3	118.9	89	32.6	56.2	1.1	110.1
Brazil, Brasilia	112	73.2	13.4	9.8	92.9	113	77.9	8.0	13.3	104.4
Brazil, Cuiaba	28	32.1	50.0	7.1	75.0	14	35.7	57.1	7.1	107.1
Brazil, Goiania	47	66.0	27.7	0.0	157.4	65	56.9	33.8	0.0	116.9
Brazil, Sao Paulo	1315	36.0	27.0	0.0	92.7	1449	38.2	28.9	0.0	92.7
Chile, Valdivia	39	17.9	20.5	0.0	110.3	41	43.9	19.5	0.0	95.1
Colombia, Cali	141	36.9	14.9	0.7	112.1	182	35.7	21.4	0.0	106.6
Costa Rica	341	24.9	27.9	0.0	102.3	337	26.1	29.4	0.0	104.2
Ecuador, Quito	81	39.5	22.2	0.0	90.1	102	31.4	36.3	0.0	84.3
France, La Martinique	56	91.1		1.8	125.0	49	67.3		4.1	119.9
Peru, Trujillo	18	88.9	0.0	0.0		28	75.0	0.0	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	5651	55.4	4.6	17.7	99.0	5909	48.7	5.9	20.8	98.5
Canada, Alberta	667	60.3	0.7	0.4	91.5	657	54.6	0.8	0.5	88.3
Canada, British Columbia	1058	56.1	5.6	0.1	97.6	1156	52.9	5.9	0.0	95.7
Canada, Manitoba	302	53.3	5.6	0.0	98.0	332	39.5	7.5	0.0	99.7
Canada, New Brunswick	223	52.5	0.0	0.0	93.3	230	51.7	0.0	0.0	90.9
Canada, Newfoundland and Labrador	50	70.0		2.0	270.0	38	71.1		0.0	289.5
Canada, Northwest Territories	5	80.0	0.0	0.0	60.0	5	80.0	0.0	0.0	140.0
Canada, Nova Scotia	285	56.1	4.9	1.4	95.4	287	49.5	5.6	3.8	103.1
Canada, Ontario	2750	52.9	5.2	36.1	99.6	2897	45.5	7.2	42.0	98.0
Canada, Prince Edward Island	38	57.9	0.0	0.0	89.5	40	47.5	0.0	0.0	107.5
Canada, Saskatchewan	273	66.3	7.0	0.0	96.7	267	55.1	9.4	0.0	111.6
USA, Alabama	1178	74.0	8.1	3.5	103.7	1265	65.1	9.0	6.5	99.9
USA, Alabama: Black	283	67.5	8.5	3.5	103.9	325	65.2	6.5	4.9	100.9
USA, Alabama: White	892	76.0	8.1	3.5	103.9	930	65.2	9.9	7.0	100.3
USA, Alaska	115	81.7	0.9	4.3	86.1	105	81.9	1.0	2.9	87.6
USA, Arizona	1237	75.1	4.5	4.5	98.4	1190	68.9	5.7	7.3	98.3
USA, California	7730	78.0	1.5	3.4	92.0	8080	71.4	3.1	3.8	92.9
USA, California: Asian and Pacific Islander	627	79.3	1.1	2.7	85.3	650	78.5	2.2	2.8	87.7
USA, California: Black	552	76.3	1.1	4.5	90.6	646	70.4	3.6	3.3	93.7
USA, California: Hispanic White	1015	80.8	1.3	2.6	80.0	1139	77.3	2.5	2.7	80.9
USA, California: Non-Hispanic White	5484	77.6	1.6	3.5	95.7	5594	69.4	3.3	4.1	96.3
USA, California, Greater San Francisco Bay Area	1470	79.0	2.9	1.8	90.5	1647	68.9	7.8	1.6	93.3
USA, California, Greater San Francisco Bay Area: Black	119	78.2	2.5	2.5	100.0	156	72.4	6.4	1.9	98.1
USA, California, Greater San Francisco Bay Area: Chinese	94	83.0	1.1	2.1		84	67.9	3.6	3.6	
USA, California, Greater San Francisco Bay Area: Filipino	45	80.0	0.0	0.0		51	74.5	5.9	0.0	
USA, California, Greater San Francisco Bay Area: Japanese	21	71.4	4.8	4.8		33	84.8	3.0	0.0	
USA, California, Greater San Francisco Bay Area: Hispanic White	129	81.4	1.6	1.6	73.6	150	72.0	6.0	0.0	87.3
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	1006	78.7	3.5	1.5	93.3	1100	66.6	9.2	1.7	97.1
USA, California, Los Angeles County	1966	79.2	1.2	3.4	92.4	2102	73.5	2.3	3.9	93.3
USA, California, Los Angeles County: Black	252	75.0	0.4	6.3	87.7	295	70.2	3.7	4.4	94.9
USA, California, Los Angeles County: Chinese	55	80.0	0.0	1.8	90.9	56	78.6	0.0	5.4	107.1
USA, California, Los Angeles County: Filipino	30	80.0	0.0	3.3	70.0	53	75.5	1.9	5.7	75.5
USA, California, Los Angeles County: Japanese	36	80.6	0.0	2.8	111.1	56	80.4	5.4	1.8	94.6
USA, California, Los Angeles County: Korean	38	89.5	0.0	2.6	94.7	25	68.0	4.0	4.0	96.0
USA, California, Los Angeles County: Hispanic White	341	79.8	1.8	3.8	88.9	449	80.2	2.7	2.4	88.0
USA, California, Los Angeles County: Non-Hispanic White	1182	79.4	1.4	2.7	94.8	1132	70.9	1.8	4.2	95.9
USA, Colorado	940	78.1	3.9	3.0	93.3	908	66.3	5.3	3.6	94.5
USA, Connecticut	1079	84.4	3.1	0.7	91.6	1128	77.6	3.5	1.1	95.2
USA, Connecticut: Black	76	96.1	0.0	0.0	94.7	78	79.5	2.6	0.0	96.2
USA, Connecticut: White	995	83.5	3.2	0.8	91.8	1033	77.4	3.5	1.2	96.0
USA, District of Columbia	188	75.5	8.5	2.7	84.6	210	75.7	4.8	2.4	89.0
USA, District of Columbia: Black	139	74.1	10.1	1.4	82.0	159	76.7	5.0	1.3	91.2
USA, District of Columbia: White	40	85.0	2.5	2.5	110.0	42	78.6	4.8	4.8	97.6
USA, Florida	5626	75.4	9.3	1.3	91.6	5598	70.5	10.2	1.3	92.5
USA, Florida: Black	464	75.0	11.2	1.7	91.6	524	72.3	10.5	1.5	84.9
USA, Florida: White	5100	75.4	9.1	1.2	92.3	5010	70.2	10.3	1.3	93.9
USA, Georgia	1741	76.4	5.3	1.6	98.4	1710	68.4	7.2	1.6	102.6
USA, Georgia: Black	467	76.9	4.9	1.7	93.8	495	70.1	5.3	2.2	100.0
USA, Georgia: White	1256	76.3	5.3	1.5	100.3	1198	67.6	8.0	1.4	103.8
USA, Georgia, Atlanta	520	85.4	3.3	1.2	93.5	504	78.2	4.2	1.6	92.7
USA, Georgia, Atlanta: Black	164	86.0	3.7	0.6	99.4	183	78.7	3.8	1.1	87.4
USA, Georgia, Atlanta: White	343	85.4	2.6	1.5	91.5	314	78.3	4.1	1.9	94.9
USA, Idaho	294	73.1	7.5	0.7	93.5	320	67.2	7.8	2.8	92.5
USA, Illinois	3509	80.3	4.7	1.5	91.5	3752	72.9	6.0	1.4	94.8
USA, Illinois: Black	482	79.0	7.1	1.5	89.0	571	73.7	10.2	2.1	96.3
USA, Illinois: White	2955	80.5	4.2	1.6	92.8	3103	72.6	5.3	1.3	95.5
USA, Indiana	1549	80.1	3.5	2.3	100.3	1593	76.8	3.0	1.9	103.8
USA, Iowa	893	79.1	3.8	1.5	94.0	906	71.7	3.6	2.1	100.1
USA, Kentucky	1023	71.8	3.3	6.6	98.2	1062	65.9	3.6	6.7	97.0
USA, Louisiana	1360	74.4	1.8	2.1	92.6	1317	65.8	3.2	1.7	96.4
USA, Louisiana: Black	402	70.4	3.2	1.2	90.8	420	69.0	2.6	1.4	95.2
USA, Louisiana: White	949	76.1	1.2	2.4	93.6	891	64.3	3.5	1.8	96.7
USA, Louisiana, New Orleans: Black	116	65.5	2.6	3.4	86.2	119	68.1	1.7	0.8	91.6
USA, Louisiana, New Orleans: White	196	77.6	1.5	3.6	91.8	188	72.3	3.2	2.1	96.8

*Important. See note on population page.

Indices of data quality
Pancreas (C25) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	419	74.2	1.2	4.8	95.0	417	66.9	4.1	5.3	95.4
USA, Massachusetts	1813	78.5	5.2	4.1	96.6	2124	68.9	9.1	5.9	98.7
USA, Michigan	2760	79.0	2.6	3.7	92.9	2860	72.0	3.1	4.6	94.7
USA, Michigan: Black	395	79.5	1.5	3.8	83.8	467	76.4	1.5	3.2	88.4
USA, Michigan: White	2334	78.8	2.8	3.7	94.8	2358	71.0	3.4	5.0	96.4
USA, Michigan, Detroit	1241	84.4	2.9	1.1	87.3	1360	79.7	3.0	1.1	87.4
USA, Michigan, Detroit: Black	305	84.3	2.3	0.7	81.6	357	81.2	2.2	0.6	84.3
USA, Michigan, Detroit: White	921	84.6	3.1	1.3	89.7	993	79.1	3.3	1.3	88.5
USA, Missouri	1614	75.3	5.6	7.7	95.2	1620	66.7	6.5	9.6	98.6
USA, Missouri: Black	150	74.0	8.0	6.7	109.3	210	73.8	5.7	5.7	96.2
USA, Missouri: White	1455	75.6	5.4	7.9	93.7	1399	65.8	6.7	10.3	99.3
USA, Montana	244	68.4	10.7	1.2	100.4	233	58.4	12.4	2.1	97.0
USA, NPCR	60120	77.4	4.9	3.2	94.1	63114	70.7	6.1	3.8	94.8
USA, NPCR: Black	6260	75.9	5.9	2.9	94.1	7539	71.7	5.9	3.4	92.9
USA, NPCR: White	52183	77.5	4.8	3.2	94.9	53793	70.3	6.2	3.8	96.0
USA, New Jersey	2532	81.0	3.3	1.7	90.6	2885	74.5	5.0	2.9	92.5
USA, New Jersey: Black	273	78.4	4.4	1.5	96.3	363	73.6	4.7	3.6	85.7
USA, New Jersey: White	2188	81.4	3.2	1.7	90.4	2456	74.3	5.1	2.8	94.7
USA, New Mexico	458	68.8	8.1	2.8	91.0	422	62.1	14.9	3.8	97.9
USA, New Mexico: American Indian	20	60.0	20.0	0.0	110.0	22	68.2	13.6	0.0	81.8
USA, New Mexico: Hispanic White	149	71.1	6.7	0.7	90.6	150	64.0	8.7	4.7	93.3
USA, New Mexico: Non-Hispanic White	278	68.3	8.3	4.0	91.0	240	60.4	18.8	3.8	103.3
USA, New York State	5743	75.5	5.4	3.1	87.1	6762	68.6	6.1	3.7	85.9
USA, New York State: Black	634	73.2	4.9	2.1	87.9	972	69.5	4.2	4.1	83.0
USA, New York State: White	4925	75.6	5.5	3.2	88.0	5643	68.3	6.5	3.6	86.7
USA, Ohio	2992	78.3	5.9	6.3	96.5	3192	73.2	9.0	6.5	99.3
USA, Ohio: Black	322	78.9	7.8	6.5	100.0	404	69.1	10.6	7.7	96.3
USA, Ohio: White	2633	78.1	5.8	6.3	97.2	2748	73.6	8.7	6.4	100.7
USA, Oklahoma	952	72.5	5.5	2.2	95.2	923	65.9	4.7	2.1	94.0
USA, Oregon	906	70.9	3.5	3.6	100.3	980	61.0	5.7	4.7	99.5
USA, Pennsylvania	3988	80.9	1.6	2.0	94.9	4149	73.7	2.5	2.6	97.5
USA, Pennsylvania: Black	346	79.5	2.0	0.9	96.2	434	72.1	2.3	2.5	92.2
USA, Pennsylvania: White	3587	81.0	1.5	2.1	95.7	3646	73.8	2.6	2.5	99.4
USA, Rhode Island	304	78.6	6.6	0.7	103.0	386	69.7	6.0	1.3	97.7
USA, SEER (9 Registries)	7026	80.0	3.0	1.7	91.1	7256	73.5	4.4	2.2	93.0
USA, SEER (9 Registries): Black	717	83.5	2.5	1.0	91.1	832	77.2	3.7	1.3	87.7
USA, SEER (9 Registries): White	5767	80.1	2.9	1.8	91.7	5787	72.7	4.6	2.4	95.2
USA, SEER (14 Registries)	18724	78.5	2.4	2.7	92.4	19530	72.0	3.6	3.2	93.7
USA, SEER (14 Registries): Asian and Pacific Islander	1048	76.5	2.2	2.3	85.2	1119	77.9	2.3	2.1	84.7
USA, SEER (14 Registries): Black	1937	77.7	2.5	2.4	91.1	2209	72.8	3.5	2.4	90.5
USA, SEER (14 Registries): Hispanic White	1390	80.1	2.0	2.2	80.8	1542	75.7	3.2	2.7	78.3
USA, SEER (14 Registries): Non-Hispanic White	14219	78.6	2.4	2.8	94.5	14516	71.0	3.8	3.5	96.9
USA, South Carolina	1047	77.8	5.6	5.8	105.2	1138	72.3	5.4	6.9	100.3
USA, South Carolina: Black	277	72.9	5.4	6.1	102.5	378	70.9	3.4	7.9	95.2
USA, South Carolina: White	765	79.7	5.6	5.8	106.0	757	73.1	6.3	6.5	102.4
USA, Texas	4459	76.5	9.4	3.2	97.8	4479	70.1	12.0	2.9	94.4
USA, Texas: Black	539	72.9	12.8	2.6	99.1	564	69.3	12.6	2.8	100.2
USA, Texas: White	3845	76.6	9.1	3.3	98.4	3832	70.1	12.1	2.9	94.3
USA, Utah	381	78.7	0.5	0.0	99.0	325	72.0	1.8	1.5	91.1
USA, Vermont	182	83.0	3.8	0.5	96.7	156	83.3	1.3	0.6	99.4
USA, Washington State	1607	77.4	2.2	4.5	92.0	1617	67.7	3.0	6.1	93.5
USA, Washington, Seattle	1080	77.0	1.3	3.8	91.7	1111	68.9	1.8	5.9	93.2
USA, West Virginia	517	70.6	5.0	3.3	97.5	463	63.3	4.3	3.0	104.8
USA, Wisconsin	1543	73.4	7.0	5.8	94.3	1660	66.0	8.1	8.3	94.2
Asia										
Bahrain: Bahraini	28	60.7	14.3	3.6	92.9	17	76.5	11.8	0.0	117.6
China, Guangzhou City	180	40.0	0.0	0.0	93.3	134	50.0	0.0	0.0	107.5*
China, Hong Kong	1006	40.5	5.7	0.0	87.7	797	35.8	5.9	0.0	92.1
China, Jiashan	91	30.8	0.0	0.0		82	25.6	0.0	0.0	*
China, Nangang District, Harbin City	172	73.3	1.7	1.7	97.1	122	82.8	1.6	0.0	68.0
China, Shanghai	1812	22.2	1.0	0.0	75.2	1587	21.6	1.3	0.0	76.6*
China, Zhongshan	84	47.6	0.0	0.0		48	41.7	0.0	0.0	*
Cyprus	94	74.5		2.1	77.1	58	63.8		5.2	43.1*
India, Chennai (Madras)	134	42.5	2.2	47.8	53.7	60	38.3	8.3	45.0	46.7
India, New Delhi	412	72.6	3.2	0.0		234	53.4	4.7	0.0	*
India, Karunagappally	21	23.8	0.0	0.0	4.8	11	18.2	0.0	0.0	
India, Mumbai (Bombay)	436	52.8	17.4	0.5	52.8	299	48.5	23.7	0.7	52.2
India, Nagpur	50	82.0	0.0	0.0		21	90.5	0.0	0.0	*
India, Poona	116	71.6	10.3	0.0		72	73.6	12.5	0.0	*
India, Trivandrum	47	27.7	4.3	0.0		31	38.7	3.2	0.0	*
Israel	1446	52.3	11.8	3.7	98.5	1373	47.0	13.3	3.7	94.1
Israel: Jews	1300	54.2	10.8	3.7		1260	49.0	11.6	3.7	
Israel: Non-Jews	71	67.6	7.0	2.8		37	67.6	2.7	5.4	
Japan, Aichi Prefecture	349	35.0	27.2	37.8	98.9	242	27.3	35.5	37.2	97.5
Japan, Fukui Prefecture	381	30.2	6.3	0.5	99.5	353	26.9	9.9	2.0	101.7
Japan, Hiroshima	369	48.8	10.6	0.0	97.3	285	44.9	14.4	0.0	100.4
Japan, Miyagi Prefecture	1119	42.4	26.2	0.0	93.5	987	35.5	30.1	0.0	91.5
Japan, Nagasaki Prefecture	733	34.7	20.5	1.9	92.8	661	29.7	25.1	1.1	92.4
Japan, Osaka Prefecture	3524	42.4	22.8	0.0	91.8	2874	36.1	27.0	0.0	91.9
Japan, Yamagata Prefecture	718	25.9	20.2	2.6	96.4	546	25.8	22.7	2.2	94.7

*Important. See note on population page.

Indices of data quality
Pancreas (C25) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	6464	38.5	8.5	0.0	98.7	4709	34.0	10.2	0.0	99.0
Korea, Busan	592	34.1	9.1	0.0	101.9	411	29.4	7.8	0.0	98.1
Korea, Daegu	359	32.9	8.1	0.0	94.4	294	24.8	9.5	0.0	87.8
Korea, Daejeon	194	40.7	8.2	0.0	96.9	149	38.9	9.4	0.0	102.0
Korea, Gwangju	193	32.1	5.2	0.0	86.0	154	33.1	8.4	0.0	86.4
Korea, Incheon	361	41.8	4.4	0.0	97.2	244	37.3	7.0	0.0	101.2
Korea, Jejudo	36	44.4	2.8	0.0	116.7	43	30.2	2.3	0.0	80.2
Korea, Seoul	1664	47.6	11.0	0.0	76.2	1253	39.8	13.4	0.0	78.8
Korea, Ulsan	113	44.2	5.3	0.0	97.3	80	31.3	11.3	0.0	100.0
Kuwait: Kuwaitis	34	52.9	44.1	0.0		31	45.2	38.7	0.0	
Kuwait: Non-Kuwaitis	32	59.4	25.0	0.0		16	62.5	25.0	0.0	
Malaysia, Penang	61	77.0	1.6	0.0	8.2	53	67.9	0.0	0.0	37.7
Malaysia, Sarawak	82	58.5	14.6	0.0	54.9	64	75.0	14.1	0.0	23.4
Oman: Omani	34	55.9	0.0	2.9		25	36.0	4.0	0.0	*
Pakistan, South Karachi	25	80.0	0.0	0.0		9	55.6	0.0	0.0	*
Philippines, Manila	261	32.2	11.1	0.0		305	37.4	15.7	0.0	*
Singapore	399	54.9	0.0	0.0	103.3	336	51.8	0.3	0.0	101.2
Singapore: Chinese	342	56.4	0.0	0.0		294	51.7	0.0	0.0	
Singapore: Indian	21	61.9	0.0	0.0		11	45.5	0.0	0.0	
Singapore: Malay	36	36.1	0.0	0.0		31	54.8	3.2	0.0	
Thailand, Chiang Mai	54	51.9	0.0	0.0	9.3	51	56.9	0.0	0.0	3.9*
Thailand, Lampang	45	33.3	6.7	0.0	86.7	44	40.9	0.0	0.0	106.8*
Thailand, Songkhla	48	50.0	4.2	0.0	72.9	21	57.1	0.0	0.0	128.6
Turkey, Antalya	122	66.4	0.8	4.1	63.9	78	66.7	1.3	5.1	44.9*
Turkey, Izmir	320	60.0	0.0	1.9		225	62.7	0.0	1.8	*
Europe										
Austria	2732	74.4	20.1	0.4	101.3	3397	69.7	23.6	0.4	99.6
Austria, Tyrol	214	65.9	4.2	0.0	92.5	232	50.9	8.6	0.0	102.6
Austria, Vorarlberg	99	50.5	12.1	2.0	70.7	90	47.8	20.0	5.6	103.3
Belarus	2229	49.1		0.0	96.5	1872	45.8		0.0	96.7*
Belgium, Antwerp	280	81.1		0.0		272	75.7		0.0	*
Belgium, Flanders	1026	64.3		18.6	140.1	1050	54.9		21.6	144.8
Bulgaria	2816	18.2	25.8	0.2	83.7	1895	19.7	26.6	0.3	84.5*
Croatia	1555	59.0	10.2	30.7	89.8	1368	52.8	14.5	32.7	90.8
Czech Republic	4030	49.1	9.2	0.9	96.7	3958	44.6	11.6	1.2	97.7
Denmark	1746	69.1	0.8	3.1	102.4	1958	60.0	1.0	4.0	102.7
Estonia	466	59.4	0.9	0.0	100.2	438	52.3	0.9	0.0	95.0
Finland	1811	69.4	3.9	2.7	94.8	2098	59.5	5.7	3.8	93.2
France, Bas-Rhin	267	71.2		0.0	116.5	263	69.6		0.0	116.0
France, Calvados	192	49.5		0.5	104.7	196	44.9		1.5	98.5
France, Doubs	109	65.1		0.0	118.3	100	56.0		0.0	142.0
France, Haut-Rhin	194	71.1		4.6	112.9	172	64.5		1.7	111.6
France, Herault	244	71.7		0.0	123.8	219	68.0		0.0	139.3
France, Isere	248	70.6		3.2	115.3	279	67.7		1.1	110.0
France, Loire-Atlantique	170	85.3		0.0	170.0	118	70.3		0.0	210.2
France, Manche	92	79.3		0.0	170.7	62	59.7		0.0	219.4
France, Somme	110	70.9	0.0	0.0	151.8	116	62.9	0.0	0.0	138.8
France, Tarn	112	58.9		0.9	104.5	103	36.9		1.9	116.5
France, Vendee	94	73.4		9.6	224.5	69	82.6		10.1	276.8
Germany, Brandenburg	985	44.4	41.6	8.2	211.3	1028	40.8	44.7	4.5	219.1
Germany, Free State of Saxony	1686	54.4	30.0	0.9	73.9	1957	44.5	37.9	1.2	79.2
Germany, Hamburg	638	43.7	17.1	0.0	93.3	751	38.2	22.8	0.0	96.9
Germany, Mecklenburg-Western Pomerania	655	42.9	38.9	2.1	73.0	687	35.7	48.2	1.7	78.7
Germany, Munich	818	55.5	21.9	0.0	99.5	893	45.0	28.6	0.0	98.7
Germany, Northrhine-Westphalia: Munster	1051	58.4	16.1	1.4	88.6	1021	47.7	19.3	2.2	93.5
Germany, Saarland	386	67.1	19.2	0.3	97.9	476	53.8	22.3	0.4	100.4
Iceland	78	79.5	0.0	0.0	97.4	66	66.7	0.0	0.0	125.8
Ireland	939	43.0	5.9	1.8	101.7	916	38.3	6.9	2.0	98.5
Italy, Biella Province	84	48.8	0.0	1.2	91.7	103	41.7	3.9	1.0	100.0
Italy, Brescia Province	300	47.0	3.3	0.0	92.0	275	41.8	6.5	0.0	93.5
Italy, Ferrara Province	184	45.1	2.2	0.0	91.8	171	40.4	0.6	0.0	84.2
Italy, Florence and Prato	501	41.1	0.6	0.0	101.4	510	33.3	2.2	0.0	95.3
Italy, Genoa Province	253	41.9	2.4	0.0	88.1	303	39.9	3.3	0.0	94.4
Italy, Macerata Province	71	39.4	5.6	1.4	88.7	86	44.2	2.3	1.2	105.8
Italy, Milan	468	54.5	2.8	0.0	91.7	609	40.6	4.8	0.0	92.8
Italy, Modena Province	262	35.9	1.5	0.0	103.1	255	34.1	1.2	0.0	99.6
Italy, Naples	92	44.6	2.2	0.0	87.9	77	36.4	5.2	0.0	99.6
Italy, North East Cancer Surveillance Network	985	50.6	1.2	0.0	91.3	1115	42.9	1.9	0.0	97.0
Italy, Parma Province	213	47.4	0.9	0.0	89.7	274	38.0	1.8	0.0	84.3
Italy, Ragusa Province	125	28.0	4.0	0.0	89.6	103	32.0	5.8	1.0	87.4
Italy, Reggio Emilia Province	153	43.8	0.7	0.0	109.2	204	33.3	1.0	0.0	94.6
Italy, Romagna Region	527	42.3	3.6	0.0	92.6	485	30.9	6.0	0.0	92.2
Italy, Salerno Province	181	40.9	3.9	0.0	101.7	165	30.9	10.9	0.0	101.8
Italy, Sassari Province	195	48.7	4.1	2.6	87.7	175	40.6	3.4	3.4	96.0
Italy, Syracuse Province	99	36.4	5.1	2.0	102.0	94	29.8	5.3	1.1	93.6
Italy, Sondrio	90	44.4	1.1	0.0	87.5	96	35.4	4.2	0.0	91.1
Italy, Torino	345	47.2	2.6	0.3	96.8	408	37.3	4.4	0.0	95.8
Italy, Umbria Region	335	42.7	0.6	19.1	93.4	291	33.0	2.4	17.2	92.1
Italy, Varese Province	185	52.4	0.0	0.0	90.8	173	38.2	0.6	0.0	85.0
Italy, Veneto Region	747	48.9	2.1	0.0	90.4	857	43.6	2.9	0.0	89.0

*Important. See note on population page.

Indices of data quality
Pancreas (C25) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	853	21.2	9.1	1.1	102.7	807	20.0	8.9	1.0	98.3
Lithuania	1175	50.3	2.8	0.0	89.9	1033	48.4	3.4	0.0	87.6
Malta	97	30.9	7.2	0.0	121.6	125	30.4	9.6	0.0	93.6
Norway	1403	60.9	1.7	0.1	96.3	1633	50.0	2.7	0.0	97.6
Poland, Cracow	243	39.5	16.0	0.0	91.0	247	40.1	14.6	0.0	99.2*
Poland, Kielce	383	54.3	6.5	6.8	94.6	363	44.1	5.8	8.8	96.1
Poland, Warsaw City	386	59.6	0.3	0.0	115.5	365	54.5	1.1	0.0	136.4
Portugal, Porto	265	78.5		0.4	204.5	213	73.7		0.0	235.7*
Portugal, South Regional	702	46.7	30.8	0.0	106.4	620	42.3	30.2	0.0	96.5
Russia, St Petersburg	1338	52.1		12.9	95.7	1668	45.6		13.6	99.5
Serbia	1143	59.6	18.0	0.3	114.2	840	59.8	17.3	0.1	119.5
Slovak Republic	1650	49.2	21.2	1.0	95.5	1317	47.6	24.4	0.8	94.8
Slovenia	561	91.8	3.2	5.0	101.2	594	87.4	4.9	7.7	99.3
Spain, Albacete	66	39.4	13.6	3.0	92.4	52	36.5	7.7	1.9	105.8
Spain, Asturias	281	43.4	6.4	1.1	131.1	269	32.3	10.8	1.9	133.8
Spain, Basque Country	530	53.0	7.0	1.1	90.6	484	45.9	12.0	1.7	92.1
Spain, Canary Islands	378	51.9	8.2	1.9	89.0	281	52.0	10.3	1.1	102.3
Spain, Cuenca	64	50.0	9.4	1.6	89.1	50	32.0	18.0	0.0	88.0
Spain, Girona	160	40.0	12.5	1.9	94.4	136	30.9	9.6	0.0	95.6
Spain, Granada	149	51.7	0.7	0.0	106.0	141	40.4	1.4	0.0	117.7
Spain, Murcia	244	55.3	6.6	0.4	101.6	176	52.8	11.4	1.7	99.4
Spain, Navarra	208	68.8	2.9	0.0	93.3	166	57.2	5.4	0.6	103.0
Spain, Tarragona	129	55.0	7.8	0.8	81.4	138	37.7	14.5	0.7	84.1
Spain, Zaragoza	170	44.1	20.0	0.0	147.1	165	41.2	20.0	0.0	145.5
Sweden	2162	87.5		0.0	149.2	2336	86.2		0.0	162.8
Switzerland, Geneva	148	64.9	2.7	0.0	77.7	144	63.9	4.9	0.0	82.6
Switzerland, Graubunden and Glarus	79	64.6	0.0	0.0	87.3	84	52.4	2.4	0.0	86.9
Switzerland, Neuchatel	59	74.6	1.7	0.0	98.3	50	62.0	2.0	0.0	106.0
Switzerland, St Gall-Appenzell	183	78.7	1.6	0.0	90.7	163	71.2	3.1	0.0	96.3
Switzerland, Ticino	134	60.4	9.7	0.0	96.3	141	52.5	14.9	0.0	112.1
Switzerland, Valais	92	72.8	2.2	0.0	100.0	81	49.4	0.0	0.0	86.4
Switzerland, Vaud	175	76.6	6.3	0.0	106.3	191	62.3	20.4	0.0	103.1
The Netherlands	3716	64.8		0.0	115.3	3781	55.7		0.0	124.1
The Netherlands, Eindhoven	240	50.4		0.0		202	48.5		0.0	
The Netherlands, Maastricht	193	74.6		0.0	125.9	186	65.6		0.0	130.6
UK, East of England Region	799	42.3	0.8	3.4	95.5	803	34.0	0.7	4.6	94.1
UK, England, Merseyside and Cheshire	737	37.6	9.8	0.3	92.1	761	28.3	13.7	0.0	94.2
UK, England, North Western	1114	31.1	5.1	5.3	96.8	1188	25.5	6.0	5.9	98.0
UK, England, Northern and Yorkshire	1886	38.0	4.0	0.0	94.4	2093	31.3	3.9	0.1	93.6
UK, England, Oxford Region	702	43.7	5.3	34.0	98.7	718	33.3	3.6	38.9	99.3
UK, England, South and Western Regions	2200	33.0	4.7	13.2	105.5	2258	26.9	4.9	17.2	109.0
UK, England, Thames	4002	40.4	16.5	6.8	91.2	4283	34.3	18.2	6.4	93.9
UK, England, Trent	1537	38.3	8.7	2.1	89.8	1587	30.6	12.4	1.9	91.9
UK, England, West Midlands	1525	43.1	15.3	0.0	94.5	1572	34.3	18.1	0.0	96.1
UK, Northern Ireland	380	38.4	3.7	0.0	113.4	369	33.1	3.3	0.0	106.8
UK, Scotland	1418	48.2	0.8	1.6	98.8	1630	41.7	1.0	1.4	96.3
Oceania										
Australia, New South Wales	1586	63.0	2.6	0.0	96.9	1594	58.2	4.0	0.0	93.3
Australia, Northern Territory	28	57.1	3.6	0.0	92.9	17	52.9	0.0	0.0	94.1
Australia, Queensland	862	49.3	3.2	0.5	91.9	788	42.1	4.7	0.5	89.6
Australia, South	403	59.6	0.0	0.2	90.6	389	51.4	0.0	0.5	94.1
Australia, Tasmania	118	62.7	0.8	0.0	99.6	138	50.0	2.9	0.0	90.6
Australia, Victoria	1253	54.8	3.3	5.4	93.5	1200	46.0	4.9	6.8	95.2
Australia, Western	397	65.0	13.9	1.0	94.7	417	51.3	19.7	1.9	88.2
Australian Capital Territory	43	72.1	0.0	0.0	125.6	45	62.2	8.9	0.0	115.6
French Polynesia	17	70.6	23.5	0.0	147.1	19	63.2	31.6	0.0	89.5
New Zealand	815	49.6	10.1	0.5	94.4	780	40.3	13.2	0.4	99.0
USA, Hawaii	365	73.2	2.7	0.8	87.1	384	76.0	2.3	0.3	85.7
USA, Hawaii: Chinese	35	71.4	2.9	0.0		27	85.2	0.0	0.0	
USA, Hawaii: Filipino	45	77.8	6.7	0.0		37	78.4	2.7	0.0	
USA, Hawaii: Hawaiian	48	70.8	0.0	0.0		68	75.0	4.4	0.0	
USA, Hawaii: Japanese	123	71.5	3.3	0.8		159	78.0	0.6	0.6	
USA, Hawaii: White	92	76.1	0.0	1.1	93.5	73	68.5	5.5	0.0	87.7

*Important. See note on population page.

Indices of data quality
Larynx (C32)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	53	98.1		0.0		3	100.0		0.0	*
Egypt, Gharbiah	162	95.1	3.1	0.0	9.9	14	85.7	7.1	0.0	28.6
Tunisia, Centre, Sousse	51	100.0		0.0		2	100.0		0.0	*
Uganda, Kyadondo County	14	57.1		0.0		6	66.7		0.0	*
Zimbabwe, Harare: African	55	69.1	14.5	0.0		8	75.0	12.5	0.0	*
America, Central and South										
Argentina, Bahia Blanca	70	95.7	4.3	0.0	72.9	5	100.0	0.0	0.0	220.0
Brazil, Brasilia	184	88.6	5.4	5.4	40.8	56	78.6	1.8	19.6	12.5
Brazil, Cuiaba	57	87.7	5.3	5.3	36.8	9	88.9	11.1	0.0	
Brazil, Goiania	108	96.3	0.0	0.9	39.8	16	100.0	0.0	0.0	43.8
Brazil, Sao Paulo	2542	81.5	6.8	0.0	47.3	486	74.5	4.9	0.0	28.6
Chile, Valdivia	10	90.0	0.0	0.0	80.0	1	100.0	0.0	0.0	300.0
Colombia, Cali	181	85.1	3.3	0.0	48.6	47	68.1	8.5	0.0	63.8
Costa Rica	233	90.1	3.4	0.0	61.4	14	92.9	7.1	0.0	114.3
Ecuador, Quito	40	90.0	5.0	0.0	45.0	7	85.7	0.0	0.0	28.6
France, La Martinique	59	98.3		0.0	53.0	11	100.0		0.0	34.1
Peru, Trujillo	17	100.0	0.0	0.0		6	100.0	0.0	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	3092	96.6	0.4	2.1	42.7	615	95.0	0.5	2.9	42.4
Canada, Alberta	291	97.6	0.0	0.0	35.4	76	94.7	0.0	0.0	35.5
Canada, British Columbia	497	97.4	0.6	0.2	39.4	88	97.7	0.0	0.0	39.8
Canada, Manitoba	140	96.4	0.0	0.0	40.7	27	100.0	0.0	0.0	37.0
Canada, New Brunswick	134	97.8	0.0	0.0	41.8	36	97.2	0.0	0.0	30.6
Canada, Newfoundland and Labrador	106	99.1		0.0	44.3	17	100.0		0.0	23.5
Canada, Northwest Territories	4	100.0	0.0	0.0	25.0	1	100.0	0.0	0.0	
Canada, Nova Scotia	164	98.8	0.6	0.6	44.5	31	93.5	0.0	0.0	48.4
Canada, Ontario	1577	95.4	0.5	3.9	45.7	300	93.0	1.0	6.0	48.0
Canada, Prince Edward Island	38	97.4	0.0	0.0	13.2	6	100.0	0.0	0.0	16.7
Canada, Saskatchewan	141	99.3	0.0	0.0	43.3	33	97.0	0.0	0.0	42.4
USA, Alabama	947	97.4	0.7	1.4	28.6	225	97.3	0.4	1.8	27.6
USA, Alabama: Black	240	97.5	0.0	2.5	33.3	46	93.5	2.2	2.2	32.6
USA, Alabama: White	696	97.3	1.0	1.0	27.3	176	98.9	0.0	1.1	26.7
USA, Alaska	51	100.0	0.0	0.0	25.5	18	100.0	0.0	0.0	16.7
USA, Arizona	719	97.2	0.7	1.0	29.6	170	96.5	0.6	1.8	30.6
USA, California	3868	98.2	0.7	0.4	31.7	967	96.9	0.9	0.6	35.9
USA, California: Asian and Pacific Islander	192	99.0	0.0	0.5	30.2	27	100.0	0.0	0.0	25.9
USA, California: Black	392	97.7	0.5	0.5	38.3	101	100.0	0.0	0.0	47.5
USA, California: Hispanic White	513	98.6	1.0	0.0	28.5	78	100.0	0.0	0.0	23.1
USA, California: Non-Hispanic White	2724	98.2	0.7	0.4	31.7	750	96.0	1.2	0.8	36.3
USA, California, Greater San Francisco Bay Area	722	97.8	1.0	0.3	30.6	167	98.8	0.0	0.0	35.9
USA, California, Greater San Francisco Bay Area: Black	88	98.9	0.0	0.0	40.9	23	100.0	0.0	0.0	60.9
USA, California, Greater San Francisco Bay Area: Chinese	36	100.0	0.0	0.0		7	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Filipino	11	100.0	0.0	0.0		4	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Japanese	5	100.0	0.0	0.0		0	0.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Hispanic White	75	97.3	2.7	0.0	30.7	14	100.0	0.0	0.0	7.1
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	476	97.9	1.1	0.2	29.6	118	98.3	0.0	0.0	36.4
USA, California, Los Angeles County	1041	98.8	0.5	0.2	36.6	245	96.7	1.6	0.0	36.7
USA, California, Los Angeles County: Black	196	98.0	1.0	0.0	36.7	44	100.0	0.0	0.0	45.5
USA, California, Los Angeles County: Chinese	19	94.7	0.0	5.3	42.1	1	100.0	0.0	0.0	
USA, California, Los Angeles County: Filipino	15	100.0	0.0	0.0	6.7	1	100.0	0.0	0.0	
USA, California, Los Angeles County: Japanese	6	100.0	0.0	0.0	16.7	2	100.0	0.0	0.0	50.0
USA, California, Los Angeles County: Korean	13	100.0	0.0	0.0	46.2	1	100.0	0.0	0.0	100.0
USA, California, Los Angeles County: Hispanic White	200	98.0	1.0	0.0	34.5	29	100.0	0.0	0.0	37.9
USA, California, Los Angeles County: Non-Hispanic White	575	99.5	0.2	0.2	38.1	164	95.1	2.4	0.0	34.1
USA, Colorado	470	96.6	1.9	0.4	24.9	136	95.6	2.2	1.5	30.1
USA, Connecticut	631	98.7	0.2	0.0	30.7	180	97.8	0.6	0.6	32.8
USA, Connecticut: Black	70	97.1	0.0	0.0	37.1	16	100.0	0.0	0.0	50.0
USA, Connecticut: White	550	98.9	0.2	0.0	30.5	162	98.1	0.6	0.0	30.9
USA, District of Columbia	151	96.7	0.7	2.0	53.0	32	93.8	6.3	0.0	56.3
USA, District of Columbia: Black	128	98.4	0.8	0.8	57.0	23	95.7	4.3	0.0	65.2
USA, District of Columbia: White	20	85.0	0.0	10.0	35.0	9	88.9	11.1	0.0	33.3
USA, Florida	4264	95.9	3.0	0.2	28.8	1052	97.0	2.0	0.0	29.4
USA, Florida: Black	417	94.7	4.3	0.2	43.2	96	96.9	1.0	0.0	30.2
USA, Florida: White	3786	96.1	2.8	0.2	27.5	943	96.9	2.1	0.0	29.5
USA, Georgia	1483	98.2	1.0	0.2	29.0	346	97.1	1.7	0.3	25.7
USA, Georgia: Black	396	98.0	1.3	0.3	43.4	91	97.8	1.1	0.0	25.3
USA, Georgia: White	1076	98.3	0.9	0.2	24.0	253	96.8	2.0	0.4	26.1
USA, Georgia, Atlanta	336	99.7	0.0	0.0	36.0	86	98.8	1.2	0.0	27.9
USA, Georgia, Atlanta: Black	120	100.0	0.0	0.0	52.5	37	100.0	0.0	0.0	27.0
USA, Georgia, Atlanta: White	212	99.5	0.0	0.0	27.4	49	98.0	2.0	0.0	28.6
USA, Idaho	172	95.9	2.3	0.6	29.1	37	97.3	2.7	0.0	32.4
USA, Illinois	2323	97.4	1.9	0.3	30.0	538	96.7	2.4	0.0	34.4
USA, Illinois: Black	421	97.6	2.4	0.0	40.1	118	96.6	2.5	0.0	42.4
USA, Illinois: White	1861	97.3	1.8	0.4	28.2	406	96.6	2.5	0.0	32.8
USA, Indiana	1107	98.4	0.8	0.0	27.0	328	97.6	1.5	0.3	26.8
USA, Iowa	530	98.3	1.1	0.2	30.9	137	99.3	0.0	0.0	29.2
USA, Kentucky	995	97.0	0.5	0.8	29.4	288	96.9	1.0	1.0	25.0
USA, Louisiana	1022	98.0	0.6	0.4	32.5	267	97.4	1.1	0.7	26.2
USA, Louisiana: Black	339	97.6	0.6	0.6	38.6	74	95.9	1.4	1.4	32.4
USA, Louisiana: White	680	98.2	0.6	0.3	29.3	191	97.9	1.0	0.5	23.6
USA, Louisiana, New Orleans: Black	113	97.3	0.0	0.9	27.4	25	92.0	4.0	0.0	48.0
USA, Louisiana, New Orleans: White	147	98.6	0.0	0.7	31.3	41	97.6	2.4	0.0	24.4

*Important. See note on population page.

Indices of data quality
Larynx (C32) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	244	96.7	1.2	0.4	28.3	76	98.7	0.0	1.3	36.8
USA, Massachusetts	1122	97.1	1.1	1.0	35.4	315	96.8	1.0	1.6	33.7
USA, Michigan	1744	96.5	1.4	1.4	31.1	508	97.4	0.6	1.0	31.5
USA, Michigan: Black	312	97.1	1.6	1.0	42.0	95	98.9	0.0	1.1	25.3
USA, Michigan: White	1411	96.3	1.3	1.5	28.8	408	97.1	0.7	1.0	32.6
USA, Michigan, Detroit	787	98.7	0.6	0.1	31.0	247	98.8	0.8	0.0	30.8
USA, Michigan, Detroit: Black	243	98.8	0.4	0.4	40.3	75	100.0	0.0	0.0	24.0
USA, Michigan, Detroit: White	535	98.7	0.7	0.0	26.5	171	98.2	1.2	0.0	33.3
USA, Missouri	1163	96.2	2.3	0.9	29.1	272	97.1	1.1	1.1	28.3
USA, Missouri: Black	130	94.6	3.1	1.5	36.2	41	92.7	2.4	4.9	36.6
USA, Missouri: White	1027	96.4	2.2	0.8	28.3	228	97.8	0.9	0.4	27.2
USA, Montana	145	97.2	1.4	1.4	24.8	37	100.0	0.0	0.0	24.3
USA, NPCR	39169	97.2	1.4	0.7	30.6	10149	96.8	1.4	0.8	32.0
USA, NPCR: Black	5208	96.7	1.8	0.8	41.5	1407	96.8	1.6	0.9	37.0
USA, NPCR: White	33037	97.2	1.4	0.6	29.3	8548	96.8	1.4	0.8	31.5
USA, New Jersey	1522	98.1	0.6	0.5	30.6	414	97.1	1.9	0.2	35.7
USA, New Jersey: Black	242	98.8	0.4	0.4	40.5	65	100.0	0.0	0.0	33.8
USA, New Jersey: White	1246	98.0	0.6	0.5	28.7	345	96.5	2.3	0.3	36.5
USA, New Mexico	228	96.1	1.8	0.0	30.7	68	97.1	1.5	1.5	38.2
USA, New Mexico: American Indian	4	100.0	0.0	0.0	125.0	1	100.0	0.0	0.0	
USA, New Mexico: Hispanic White	70	95.7	1.4	0.0	31.4	9	88.9	11.1	0.0	100.0
USA, New Mexico: Non-Hispanic White	148	95.9	2.0	0.0	29.1	56	98.2	0.0	1.8	30.4
USA, New York State	3308	96.7	1.3	1.0	34.6	996	96.6	0.9	1.4	31.1
USA, New York State: Black	459	94.8	3.3	0.9	53.2	172	94.2	2.9	2.3	40.7
USA, New York State: White	2778	97.0	1.0	1.0	31.9	817	97.1	0.5	1.2	29.3
USA, Ohio	2089	96.8	2.2	0.8	31.2	559	95.9	1.4	1.6	37.9
USA, Ohio: Black	260	95.8	3.5	0.8	40.4	85	95.3	1.2	2.4	43.5
USA, Ohio: White	1778	96.9	2.1	0.8	30.7	462	95.9	1.5	1.5	37.9
USA, Oklahoma	664	94.6	1.5	0.8	28.5	184	91.8	3.3	1.1	28.3
USA, Oregon	451	98.0	1.1	0.2	31.9	117	98.3	0.0	0.0	33.3
USA, Pennsylvania	2577	98.1	0.8	0.3	31.2	665	98.2	0.9	0.5	34.0
USA, Pennsylvania: Black	283	97.9	0.4	0.0	41.0	107	99.1	0.9	0.0	44.9
USA, Pennsylvania: White	2254	98.1	0.8	0.3	30.3	549	98.0	0.9	0.5	32.1
USA, Rhode Island	202	97.0	3.0	0.0	38.1	57	98.2	1.8	0.0	45.6
USA, SEER (9 Registries)	3811	98.6	0.6	0.1	31.1	1013	98.4	0.6	0.2	34.0
USA, SEER (9 Registries): Black	544	98.9	0.2	0.2	43.0	165	100.0	0.0	0.0	30.9
USA, SEER (9 Registries): White	3062	98.5	0.7	0.1	29.1	813	98.3	0.7	0.1	34.9
USA, SEER (14 Registries)	10735	98.2	0.6	0.4	31.3	2848	97.4	1.0	0.5	32.9
USA, SEER (14 Registries): Asian and Pacific Islander	328	99.1	0.0	0.3	31.7	53	98.1	0.0	0.0	26.4
USA, SEER (14 Registries): Black	1512	98.1	0.4	0.5	40.3	403	99.3	0.2	0.2	33.5
USA, SEER (14 Registries): Hispanic White	742	98.0	0.9	0.3	29.2	129	99.2	0.8	0.0	27.1
USA, SEER (14 Registries): Non-Hispanic White	8052	98.2	0.7	0.3	29.9	2243	97.0	1.2	0.5	33.5
USA, South Carolina	911	97.6	0.8	1.3	27.2	204	98.0	1.0	0.5	28.9
USA, South Carolina: Black	281	96.8	0.7	2.1	36.3	50	98.0	2.0	0.0	46.0
USA, South Carolina: White	624	98.1	0.6	1.0	23.4	152	98.7	0.0	0.7	23.0
USA, Texas	3200	96.0	2.0	1.3	30.8	739	94.6	3.0	1.9	31.1
USA, Texas: Black	486	95.7	3.1	1.0	38.5	107	95.3	3.7	0.0	36.4
USA, Texas: White	2669	96.1	1.9	1.2	29.7	623	94.4	2.9	2.2	30.7
USA, Utah	126	100.0	0.0	0.0	28.6	37	100.0	0.0	0.0	32.4
USA, Vermont	103	99.0	1.0	0.0	28.2	36	97.2	0.0	0.0	27.8
USA, Washington State	729	97.8	1.1	0.1	32.1	191	96.3	2.1	0.0	41.4
USA, Washington, Seattle	472	98.3	0.6	0.0	32.2	121	97.5	0.8	0.0	47.9
USA, West Virginia	488	98.2	1.0	0.2	28.9	129	98.4	0.8	0.8	38.8
USA, Wisconsin	874	97.0	1.0	1.5	27.9	235	97.9	1.3	0.0	31.1
Asia										
Bahrain: Bahraini	25	92.0	4.0	0.0	76.0	4	100.0	0.0	0.0	150.0
China, Guangzhou City	273	86.8	0.0	0.0	63.0	22	86.4	0.0	0.0	104.5*
China, Hong Kong	958	94.7	0.3	0.0	40.1	78	92.3	0.0	0.0	35.9
China, Jiashan	14	100.0	0.0	0.0		2	100.0	0.0	0.0	*
China, Nangang District, Harbin City	90	80.0	3.3	0.0	38.9	17	94.1	0.0	0.0	58.8
China, Shanghai	679	86.7	0.7	0.0	39.6	80	77.5	0.0	0.0	62.5*
China, Zhongshan	156	96.8	0.0	0.0		9	100.0	0.0	0.0	*
Cyprus	71	97.2		1.4	10.6	8	87.5		0.0	*
India, Chennai (Madras)	419	86.2	1.4	1.4	41.3	47	80.9	6.4	0.0	31.9
India, New Delhi	1546	79.1	1.2	0.0		185	74.6	0.5	0.0	*
India, Karunagappally	44	84.1	0.0	0.0	4.5	1	100.0	0.0	0.0	
India, Mumbai (Bombay)	1341	73.0	10.4	0.0	38.9	170	71.8	15.3	0.0	46.5
India, Nagpur	313	95.2	0.0	0.0		54	94.4	0.0	0.0	*
India, Poona	370	84.1	4.3	0.0		65	69.2	9.2	0.0	*
India, Trivandrum	133	96.2	1.5	0.8		7	85.7	0.0	0.0	*
Israel	766	92.2	1.2	3.1	34.1	127	89.0	3.1	3.1	33.5
Israel: Jews	656	93.8	0.8	2.6		115	90.4	2.6	1.7	
Israel: Non-Jews	89	95.5	1.1	1.1		9	88.9	11.1	0.0	
Japan, Aichi Prefecture	113	92.0	5.3	2.7	24.8	14	85.7	14.3	0.0	21.4
Japan, Fukui Prefecture	96	84.4	3.1	5.2	38.5	10	70.0	0.0	0.0	
Japan, Hiroshima	194	94.3	1.5	0.0	16.0	14	85.7	7.1	0.0	21.4
Japan, Miyagi Prefecture	354	94.1	1.1	0.0	22.0	25	88.0	4.0	0.0	28.0
Japan, Nagasaki Prefecture	258	96.5	0.8	0.4	25.6	14	71.4	7.1	0.0	100.0
Japan, Osaka Prefecture	926	83.7	6.8	0.0	36.3	75	78.7	13.3	0.0	42.7
Japan, Yamagata Prefecture	191	94.8	3.1	0.5	27.2	10	70.0	20.0	0.0	50.0

*Important. See note on population page.

Indices of data quality
Larynx (C32) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	3999	84.6	6.3	0.0	64.1	408	64.0	21.8	0.0	101.0
Korea, Busan	382	83.8	4.7	0.0	67.5	58	72.4	17.2	0.0	86.2
Korea, Daegu	256	89.1	3.1	0.4	57.4	27	85.2	0.0	0.0	74.1
Korea, Daejeon	111	88.3	2.7	0.0	50.5	12	100.0	0.0	0.0	58.3
Korea, Gwangju	122	97.5	0.0	0.0	55.7	12	66.7	25.0	0.0	116.7
Korea, Incheon	203	87.2	2.0	0.0	62.1	31	71.0	19.4	0.0	61.3
Korea, Jejudo	48	70.8	2.1	0.0	65.6	7	100.0	0.0	0.0	21.4
Korea, Seoul	916	85.0	8.1	0.0	38.2	85	62.4	28.2	0.0	82.4
Korea, Ulsan	67	85.1	4.5	0.0	65.7	5	80.0	20.0	0.0	80.0
Kuwait: Kuwaitis	24	91.7	8.3	0.0		4	25.0	75.0	0.0	
Kuwait: Non-Kuwaitis	45	93.3	2.2	2.2		3	100.0	0.0	0.0	
Malaysia, Penang	84	97.6	1.2	0.0	17.9	11	72.7	0.0	0.0	
Malaysia, Sarawak	70	94.3	1.4	0.0	7.1	16	87.5	12.5	0.0	31.3
Oman: Omani	22	100.0	0.0	0.0		6	83.3	0.0	16.7	*
Pakistan, South Karachi	267	97.4	0.0	0.0		38	100.0	0.0	0.0	*
Philippines, Manila	334	83.8	5.4	0.0		65	76.9	15.4	0.0	*
Singapore	340	98.8	0.0	0.0	56.8	27	96.3	0.0	0.0	63.0
Singapore: Chinese	294	99.0	0.0	0.0		23	95.7	0.0	0.0	
Singapore: Indian	19	94.7	0.0	0.0		2	100.0	0.0	0.0	
Singapore: Malay	27	100.0	0.0	0.0		2	100.0	0.0	0.0	
Thailand, Chiang Mai	116	88.8	0.0	0.0		23	87.0	0.0	0.0	*
Thailand, Lampang	41	82.9	7.3	0.0	78.0	20	80.0	5.0	0.0	65.0 *
Thailand, Songkhla	100	94.0	5.0	0.0	56.0	10	80.0	10.0	0.0	320.0
Turkey, Antalya	211	93.4	0.9	1.9	23.7	18	88.9	5.6	0.0	22.2 *
Turkey, Izmir	875	95.5	0.0	1.5	26.7	41	92.7	0.0	2.4	68.3 *
Europe										
Austria	1376	95.2	4.4	0.0	56.7	167	94.0	4.8	0.6	58.7
Austria, Tyrol	128	96.9	2.3	0.0	41.4	12	100.0	0.0	0.0	50.0
Austria, Vorarlberg	65	92.3	4.6	1.5	33.8	3	100.0	0.0	0.0	33.3
Belarus	2908	96.4		0.0	87.5	80	98.8		0.0	93.8 *
Belgium, Antwerp	369	99.5		0.0		47	100.0		0.0	*
Belgium, Flanders	1322	98.3		1.5	40.4	133	97.7		2.3	41.4
Bulgaria	2647	82.8	11.0	0.2	59.4	151	65.6	26.5	0.7	74.8 *
Croatia	2001	85.9	5.5	8.5	61.5	166	77.7	6.6	15.7	53.6
Czech Republic	2289	96.5	1.9	0.5	55.7	259	93.4	3.9	1.2	46.3
Denmark	975	98.8	0.0	0.9	48.3	228	98.2	0.0	0.9	55.7
Estonia	359	93.9	0.0	0.0	61.3	27	92.6	0.0	0.0	37.0
Finland	515	98.8	0.2	0.4	32.2	67	100.0	0.0	0.0	46.3
France, Bas-Rhin	220	99.1		0.0		24	100.0		0.0	
France, Calvados	202	99.5		0.0		18	94.4		0.0	
France, Doubs	124	100.0		0.0		15	100.0		0.0	
France, Haut-Rhin	183	99.5		0.0		16	100.0		0.0	
France, Herault	285	100.0		0.0		44	100.0		0.0	
France, Isere	276	98.9		0.4		32	96.9		0.0	
France, Loire-Atlantique	434	100.0		0.0		32	100.0		0.0	
France, Manche	169	100.0		0.0		11	100.0		0.0	
France, Somme	169	95.9	0.0	1.2		10	100.0	0.0	0.0	
France, Tarn	85	98.8		0.0		11	100.0		0.0	
France, Vendee	182	100.0		0.0		13	92.3		0.0	
Germany, Brandenburg	523	91.0	6.5	1.9	73.8	48	83.3	12.5	4.2	77.1
Germany, Free State of Saxony	745	95.4	4.2	0.0	30.7	53	92.5	7.5	0.0	34.0
Germany, Hamburg	351	82.1	3.7	0.0	29.1	81	84.0	3.7	0.0	32.1
Germany, Mecklenburg-Western Pomerania	381	94.0	5.5	0.3	15.7	36	77.8	22.2	0.0	25.0
Germany, Munich	402	91.0	3.0	0.0	46.0	66	92.4	3.0	0.0	40.9
Germany, Northrhine-Westphalia: Munster	474	83.3	10.5	0.8	53.2	78	83.3	9.0	2.6	44.9
Germany, Saarland	262	98.1	1.1	0.0	46.9	31	100.0	0.0	0.0	45.2
Iceland	29	100.0	0.0	0.0	34.5	10	100.0	0.0	0.0	10.0
Ireland	502	95.4	1.2	0.8	47.8	103	92.2	1.0	0.0	46.6
Italy, Biella Province	92	97.8	0.0	0.0	45.7	8	100.0	0.0	0.0	37.5
Italy, Brescia Province	325	89.8	2.2	0.0	31.1	20	90.0	5.0	0.0	40.0
Italy, Ferrara Province	168	95.2	2.4	0.0	36.9	20	90.0	5.0	0.0	50.0
Italy, Florence and Prato	473	92.0	0.2	0.0	38.5	49	79.6	0.0	0.0	34.7
Italy, Genoa Province	317	94.3	0.3	0.0	43.2	28	96.4	0.0	0.0	35.7
Italy, Macerata Province	71	90.1	1.4	0.0	19.7	3	100.0	0.0	0.0	66.7
Italy, Milan	448	96.9	0.7	0.0	29.2	59	91.5	1.7	0.0	35.6
Italy, Modena Province	241	99.2	0.0	0.0	32.0	29	100.0	0.0	0.0	13.8
Italy, Naples	178	87.1	3.9	0.0	33.7	18	94.4	0.0	0.0	9.3
Italy, North East Cancer Surveillance Network	924	97.4	0.3	0.0	42.9	114	93.9	1.8	0.0	34.2
Italy, Parma Province	179	96.1	0.0	0.0	42.5	12	100.0	0.0	0.0	66.7
Italy, Ragusa Province	55	94.5	1.8	0.0	49.1	3	66.7	0.0	0.0	66.7
Italy, Reggio Emilia Province	206	94.2	1.0	0.0	27.7	12	91.7	0.0	0.0	75.0
Italy, Romagna Region	404	94.3	1.2	0.0	32.7	48	93.8	2.1	0.0	27.1
Italy, Salerno Province	271	67.2	2.6	0.0	48.7	21	71.4	0.0	0.0	23.8
Italy, Sassari Province	151	95.4	2.0	1.3	47.7	13	84.6	7.7	0.0	30.8
Italy, Syracuse Province	74	89.2	4.1	0.0	39.2	4	100.0	0.0	0.0	50.0
Italy, Sondrio	94	93.6	0.0	0.0	35.9	11	90.9	0.0	0.0	34.1
Italy, Torino	343	96.8	2.0	0.0	35.9	37	100.0	0.0	0.0	43.2
Italy, Umbria Region	312	86.5	0.0	11.5	41.7	23	82.6	4.3	13.0	39.1
Italy, Varese Province	166	95.8	0.0	0.0	37.3	7	85.7	0.0	0.0	57.1
Italy, Veneto Region	761	98.2	0.5	0.0	34.6	88	96.6	1.1	0.0	31.8

*Important. See note on population page.

Indices of data quality
Larynx (C32) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	589	88.5	2.9	0.2	67.6	40	80.0	10.0	0.0	62.5
Lithuania	940	93.4	0.4	0.0	63.9	54	92.6	1.9	0.0	68.5
Malta	70	98.6	0.0	0.0	42.9	9	100.0	0.0	0.0	22.2
Norway	534	99.4	0.0	0.0	32.4	96	95.8	0.0	0.0	41.7
Poland, Cracow	223	79.4	5.4	0.0	60.5	43	83.7	0.0	0.0	26.2*
Poland, Kielce	544	90.4	2.6	3.1	47.8	57	93.0	0.0	3.5	41.7
Poland, Warsaw City	450	97.3	0.4	0.0	57.6	88	96.6	0.0	0.0	64.8
Portugal, Porto	702	97.3		0.1	68.5	31	100.0		0.0	100.0*
Portugal, South Regional	813	88.6	9.8	0.0	66.1	44	72.7	22.7	0.0	75.0
Russia, St Petersburg	818	83.7		5.4	96.5	64	76.6		10.9	95.3
Serbia	2122	87.2	5.9	0.1	55.6	212	87.7	5.7	0.5	53.8
Slovak Republic	1391	93.7	5.5	0.4	70.5	87	94.3	5.7	0.0	56.3
Slovenia	516	99.0	0.6	0.4	53.3	56	98.2	1.8	0.0	51.8
Spain, Albacete	107	93.5	1.9	0.9	38.3	4	75.0	25.0	0.0	50.0
Spain, Asturias	648	97.2	1.4	0.6	54.5	21	95.2	4.8	0.0	63.5
Spain, Basque Country	1042	97.7	0.4	0.5	41.7	57	96.5	1.8	0.0	29.8
Spain, Canary Islands	475	95.4	2.1	0.8	52.1	22	100.0	0.0	0.0	22.7
Spain, Cuenca	92	92.4	2.2	0.0	38.0	0	0.0	0.0	0.0	
Spain, Girona	208	95.7	1.9	0.5	58.7	3	100.0	0.0	0.0	33.3
Spain, Granada	323	98.1	0.3	0.0	62.5	5	100.0	0.0	0.0	200.0
Spain, Murcia	535	96.1	1.7	0.4	44.5	20	90.0	5.0	0.0	15.0
Spain, Navarra	282	98.9	1.1	0.0	52.5	8	100.0	0.0	0.0	50.0
Spain, Tarragona	228	93.9	3.9	0.0	37.3	5	100.0	0.0	0.0	40.0
Spain, Zaragoza	508	97.0	2.4	0.0	43.5	15	93.3	6.7	0.0	53.3
Sweden	775	99.9		0.0	29.5	162	100.0		0.0	27.8
Switzerland, Geneva	78	100.0	0.0	0.0	26.9	13	84.6	0.0	0.0	61.5
Switzerland, Graubunden and Glarus	33	90.9	3.0	0.0	33.3	5	100.0	0.0	0.0	40.0
Switzerland, Neuchatel	48	97.9	2.1	0.0	33.3	7	100.0	0.0	0.0	28.6
Switzerland, St Gall-Appenzell	74	98.6	0.0	0.0	44.6	16	100.0	0.0	0.0	43.8
Switzerland, Ticino	94	97.9	0.0	0.0	35.1	13	100.0	0.0	0.0	23.1
Switzerland, Valais	71	100.0	0.0	0.0	26.8	8	100.0	0.0	0.0	25.0
Switzerland, Vaud	108	100.0	0.0	0.0	29.6	23	95.7	4.3	0.0	21.7
The Netherlands	2868	99.4		0.0	34.2	526	99.6		0.0	39.2
The Netherlands, Eindhoven	204	98.5		0.0		31	100.0		0.0	
The Netherlands, Maastricht	180	98.3		0.0	34.4	29	100.0		0.0	37.9
UK, East of England Region	328	96.3	0.3	0.9	36.6	72	97.2	0.0	1.4	48.6
UK, England, Merseyside and Cheshire	429	93.7	0.7	0.2	39.6	107	92.5	0.9	0.0	36.4
UK, England, North Western	783	95.3	0.4	1.0	37.5	184	94.0	0.0	1.1	41.3
UK, England, Northern and Yorkshire	1271	96.6	0.6	0.0	37.0	315	96.2	0.6	0.0	32.4
UK, England, Oxford Region	295	95.3	1.0	1.4	33.6	59	98.3	1.7	0.0	44.1
UK, England, South and Western Regions	970	87.2	1.0	3.3	35.8	188	81.4	0.0	7.4	46.8
UK, England, Thames	1745	90.1	4.8	2.5	38.6	357	84.9	7.3	3.9	49.0
UK, England, Trent	720	95.0	2.4	0.1	35.6	153	91.5	4.6	0.0	49.7
UK, England, West Midlands	864	96.9	1.4	0.0	38.5	158	94.3	1.9	0.0	50.6
UK, Northern Ireland	270	95.2	0.4	0.0	35.9	66	92.4	0.0	0.0	42.4
UK, Scotland	1237	97.4	0.4	0.2	38.2	301	97.3	0.0	0.3	38.5
Oceania										
Australia, New South Wales	931	97.0	0.0	0.0	43.4	114	91.2	1.8	0.0	46.5
Australia, Northern Territory	34	97.1	0.0	0.0	44.1	5	100.0	0.0	0.0	60.0
Australia, Queensland	492	94.1	0.2	0.2	36.0	42	97.6	2.4	0.0	64.3
Australia, South	172	94.2	0.0	0.0	50.6	27	96.3	0.0	0.0	14.8
Australia, Tasmania	69	98.6	0.0	0.0	31.4	12	100.0	0.0	0.0	34.7
Australia, Victoria	596	95.6	1.2	1.2	39.1	89	91.0	1.1	0.0	44.9
Australia, Western	226	98.7	0.0	0.0	36.3	35	97.1	0.0	0.0	31.4
Australian Capital Territory	23	91.3	8.7	0.0	34.8	3	100.0	0.0	0.0	66.7
French Polynesia	19	84.2	10.5	5.3	78.9	1	100.0	0.0	0.0	
New Zealand	330	95.5	0.9	0.0	37.3	48	95.8	2.1	0.0	43.8
USA, Hawaii	183	99.5	0.0	0.0	21.3	27	96.3	0.0	0.0	11.1
USA, Hawaii: Chinese	10	100.0	0.0	0.0		1	100.0	0.0	0.0	
USA, Hawaii: Filipino	15	100.0	0.0	0.0		0	0.0	0.0	0.0	
USA, Hawaii: Hawaiian	22	100.0	0.0	0.0		8	100.0	0.0	0.0	
USA, Hawaii: Japanese	39	100.0	0.0	0.0		7	85.7	0.0	0.0	
USA, Hawaii: White	88	98.9	0.0	0.0	18.2	10	100.0	0.0	0.0	10.0

*Important. See note on population page.

Indices of data quality
Lung (C33-34)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	374	95.7		0.0		37	86.5		0.0	*
Egypt, Gharbiah	541	82.6	8.7	0.0	32.5	174	75.9	12.1	0.0	37.9
Tunisia, Centre, Sousse	335	96.7		0.0		17	100.0		0.0	*
Uganda, Kyadondo County	46	65.2		0.0		40	70.0		0.0	*
Zimbabwe, Harare: African	146	44.5	16.4	0.0		59	61.0	11.9	0.0	*
America, Central and South										
Argentina, Bahia Blanca	379	69.4	19.8	3.7	123.0	106	70.8	17.9	3.8	153.8
Brazil, Brasilia	500	88.0	5.2	5.8	73.6	307	85.7	7.8	5.9	63.2
Brazil, Cuiaba	154	59.1	34.4	1.3	66.2	71	54.9	35.2	2.8	62.0
Brazil, Goiania	266	79.7	13.2	0.0	90.6	173	77.5	13.9	0.0	93.1
Brazil, Sao Paulo	6525	66.9	13.8	0.0	72.8	3247	66.6	14.2	0.0	65.5
Chile, Valdivia	100	51.0	16.0	0.0	110.0	51	41.2	27.5	0.0	115.7
Colombia, Cali	711	55.3	12.7	0.0	88.2	412	56.8	13.6	0.0	88.1
Costa Rica	810	54.9	21.9	0.0	99.3	364	52.2	23.9	0.0	102.7
Ecuador, Quito	214	69.6	23.8	0.0	91.6	136	66.2	25.0	0.0	97.1
France, La Martinique	156	92.3		2.6	82.5	74	89.2		1.4	77.7
Peru, Trujillo	52	75.0	0.0	0.0		52	78.8	0.0	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	40042	78.8	2.6	9.8	84.7	30202	78.4	2.9	10.1	78.7
Canada, Alberta	3948	83.8	0.4	0.1	82.3	3097	83.1	0.5	0.2	77.4
Canada, British Columbia	6580	82.1	2.6	0.1	84.8	5444	82.3	2.5	0.1	81.1
Canada, Manitoba	2196	79.5	4.0	0.0	83.3	1777	81.4	3.0	0.0	73.7
Canada, New Brunswick	1850	82.1	0.1	0.0	84.1	1133	82.6	0.1	0.0	74.1
Canada, Newfoundland and Labrador	837	91.5		0.2	116.7	404	94.6		0.0	102.7
Canada, Northwest Territories	34	97.1	0.0	0.0	94.1	23	95.7	0.0	0.0	65.2
Canada, Nova Scotia	2329	76.9	3.2	0.9	83.2	1597	77.5	2.8	1.1	79.5
Canada, Ontario	20105	76.0	2.8	19.3	83.8	15202	74.8	3.5	19.9	78.1
Canada, Prince Edward Island	307	86.3	0.3	0.0	92.5	219	84.0	0.0	0.0	77.2
Canada, Saskatchewan	1856	77.0	7.3	0.1	88.0	1306	79.9	6.7	0.1	81.9
USA, Alabama	10879	86.5	4.9	3.6	86.5	6475	85.9	5.1	3.8	80.6
USA, Alabama: Black	1969	85.5	4.6	4.0	95.5	997	85.9	4.1	4.4	86.8
USA, Alabama: White	8849	86.7	5.1	3.5	84.9	5430	85.9	5.3	3.7	79.9
USA, Alaska	744	90.5	0.7	2.7	74.6	586	87.7	1.0	3.2	71.7
USA, Arizona	8606	89.0	2.4	3.1	81.9	6977	89.3	2.6	2.8	77.7
USA, California	46192	90.4	1.2	1.7	81.4	40142	88.3	1.6	1.9	77.8
USA, California: Asian and Pacific Islander	3838	93.1	0.8	1.1	74.5	2420	92.5	1.0	1.5	71.9
USA, California: Black	3728	91.7	1.0	1.1	83.6	2582	90.9	1.2	1.0	81.4
USA, California: Hispanic White	3847	91.9	1.1	1.8	72.4	2941	90.5	1.7	1.8	57.1
USA, California: Non-Hispanic White	34497	89.7	1.3	1.7	83.1	31947	87.6	1.7	2.0	80.1
USA, California, Greater San Francisco Bay Area	8531	90.0	1.9	0.8	80.5	7758	87.5	3.0	0.6	77.6
USA, California, Greater San Francisco Bay Area: Black	890	90.3	1.7	1.3	88.0	684	88.2	2.0	0.4	78.4
USA, California, Greater San Francisco Bay Area: Chinese	565	92.2	1.1	1.2		377	91.5	1.3	1.1	
USA, California, Greater San Francisco Bay Area: Filipino	394	93.7	1.0	1.0		170	92.9	1.2	1.8	
USA, California, Greater San Francisco Bay Area: Japanese	97	93.8	2.1	0.0		89	91.0	4.5	1.1	
USA, California, Greater San Francisco Bay Area: Hispanic White	565	92.9	1.2	0.9	62.7	479	90.2	1.9	0.8	54.1
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	5650	89.0	2.1	0.6	83.5	5687	86.5	3.4	0.5	80.7
USA, California, Los Angeles County	10878	92.3	0.9	1.4	81.0	9142	90.7	1.2	1.7	77.4
USA, California, Los Angeles County: Black	1697	92.2	0.8	0.8	82.3	1174	91.9	0.8	1.2	83.7
USA, California, Los Angeles County: Chinese	357	94.1	0.6	1.7	89.6	263	93.9	0.8	3.0	81.4
USA, California, Los Angeles County: Filipino	367	91.3	0.8	0.8	68.4	187	94.1	0.5	1.1	50.3
USA, California, Los Angeles County: Japanese	184	91.3	0.5	2.2	74.5	112	91.1	0.0	2.7	83.9
USA, California, Los Angeles County: Korean	195	96.9	0.0	1.0	86.7	116	94.8	1.7	0.0	81.0
USA, California, Los Angeles County: Hispanic White	1327	92.6	1.3	2.0	80.1	982	91.9	1.8	1.6	65.7
USA, California, Los Angeles County: Non-Hispanic White	6474	92.0	0.9	1.5	82.4	6156	89.8	1.3	1.9	79.5
USA, Colorado	5102	85.9	3.8	2.1	78.1	4288	85.1	3.5	1.9	76.0
USA, Connecticut	6670	92.1	1.9	0.6	74.5	5844	90.6	2.3	0.5	72.6
USA, Connecticut: Black	443	92.1	1.8	0.7	76.3	324	92.0	0.9	0.3	67.9
USA, Connecticut: White	6176	92.1	1.9	0.6	74.6	5489	90.5	2.4	0.5	73.0
USA, District of Columbia	1141	87.6	5.9	2.5	80.0	831	86.4	5.9	2.0	82.3
USA, District of Columbia: Black	886	88.4	5.3	1.9	83.4	611	86.4	5.1	1.8	84.3
USA, District of Columbia: White	221	87.3	8.6	2.3	76.0	203	87.7	8.4	1.5	80.8
USA, Florida	43150	87.2	6.5	0.8	78.6	33649	87.5	5.5	0.7	72.6
USA, Florida: Black	3357	85.7	7.4	0.9	83.7	1840	89.1	4.2	0.7	71.9
USA, Florida: White	39440	87.3	6.5	0.8	78.6	31524	87.4	5.6	0.7	73.1
USA, Georgia	15518	87.9	4.3	0.6	82.6	9874	86.6	4.3	0.8	77.5
USA, Georgia: Black	3314	87.0	4.1	0.4	83.6	1722	86.8	3.5	0.8	76.7
USA, Georgia: White	12103	88.1	4.3	0.7	82.6	8086	86.6	4.4	0.8	77.8
USA, Georgia, Atlanta	3682	91.2	2.9	0.5	80.4	2847	90.4	3.1	0.6	75.3
USA, Georgia, Atlanta: Black	1105	90.8	2.4	0.0	78.3	723	90.9	2.8	0.7	72.6
USA, Georgia, Atlanta: White	2519	91.3	3.1	0.6	81.9	2089	90.2	3.3	0.6	76.8
USA, Idaho	1913	84.8	5.0	0.4	81.8	1408	83.5	5.0	1.1	76.6
USA, Illinois	24478	89.6	3.1	0.8	80.5	18851	88.5	3.3	0.6	75.7
USA, Illinois: Black	3560	89.2	5.3	1.0	85.6	2509	87.6	5.5	0.9	81.6
USA, Illinois: White	20524	89.6	2.7	0.8	80.1	16117	88.6	3.0	0.6	75.2
USA, Indiana	13811	90.3	2.4	0.7	84.4	9897	88.9	2.7	0.9	80.7
USA, Iowa	6363	88.4	2.3	0.8	81.5	4518	86.1	2.3	1.0	74.8
USA, Kentucky	12143	87.3	1.9	3.2	80.7	8305	86.5	1.9	3.0	74.6
USA, Louisiana	10320	88.8	2.2	0.6	84.3	6723	87.0	2.2	0.8	79.8
USA, Louisiana: Black	2882	86.8	2.8	0.5	89.6	1501	86.2	2.5	1.2	84.9
USA, Louisiana: White	7389	89.6	2.0	0.6	82.2	5186	87.2	2.1	0.6	78.5
USA, Louisiana, New Orleans: Black	895	87.5	4.2	0.6	95.6	487	87.5	3.5	2.1	87.3
USA, Louisiana, New Orleans: White	1478	89.6	2.4	0.4	80.7	1180	87.1	2.0	0.3	77.5

*Important. See note on population page.

Indices of data quality
Lung (C33-34) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	3155	87.0	2.9	2.3	78.1	2458	84.7	2.6	2.9	78.2
USA, Massachusetts	12065	89.2	3.1	2.0	82.8	11381	87.7	3.3	2.4	75.0
USA, Michigan	19922	89.0	1.9	2.4	80.1	15710	87.8	1.8	2.5	76.0
USA, Michigan: Black	2761	89.5	1.4	2.3	77.7	1980	89.3	0.7	2.5	73.2
USA, Michigan: White	16959	89.0	2.0	2.4	80.6	13569	87.5	1.9	2.5	76.3
USA, Michigan, Detroit	8615	91.5	1.9	0.7	75.1	7167	89.6	2.5	0.7	73.1
USA, Michigan, Detroit: Black	2062	90.8	1.6	0.8	74.9	1527	90.1	1.6	0.8	73.9
USA, Michigan, Detroit: White	6473	91.8	2.0	0.6	75.3	5592	89.5	2.7	0.7	72.7
USA, Missouri	13338	85.6	4.7	4.5	83.4	9559	85.4	3.9	4.5	80.0
USA, Missouri: Black	1232	87.6	5.7	2.8	87.5	858	87.3	4.0	2.1	81.1
USA, Missouri: White	12012	85.4	4.6	4.7	83.2	8626	85.2	4.0	4.8	80.1
USA, Montana	1818	86.3	7.2	0.9	82.8	1485	84.2	7.9	0.7	75.8
USA, NPCR	437751	88.0	3.6	1.9	81.1	339134	87.0	3.6	1.9	76.4
USA, NPCR: Black	45345	87.9	4.2	1.7	84.7	29126	88.5	3.4	1.6	79.3
USA, NPCR: White	382072	88.0	3.6	1.9	81.3	302680	86.7	3.6	2.0	76.7
USA, New Jersey	16153	90.4	2.2	1.2	80.3	13910	88.0	3.1	1.3	74.8
USA, New Jersey: Black	1982	90.3	1.8	1.5	82.4	1389	91.3	1.6	0.9	77.2
USA, New Jersey: White	13847	90.5	2.2	1.1	80.7	12332	87.6	3.3	1.3	74.9
USA, New Mexico	2377	84.5	5.8	1.6	80.6	1747	80.7	8.0	1.4	78.3
USA, New Mexico: American Indian	43	79.1	9.3	0.0	69.8	18	83.3	5.6	0.0	88.9
USA, New Mexico: Hispanic White	545	81.1	5.5	2.9	79.6	327	80.7	9.2	0.3	74.9
USA, New Mexico: Non-Hispanic White	1723	85.5	6.0	1.3	81.1	1378	80.8	7.8	1.7	79.0
USA, New York State	34267	85.5	4.0	2.3	76.9	29887	85.0	3.6	2.3	72.1
USA, New York State: Black	4036	86.2	4.7	2.2	79.3	3048	89.6	2.5	1.4	76.4
USA, New York State: White	29314	85.4	4.0	2.3	76.9	26285	84.4	3.8	2.4	71.8
USA, Ohio	25578	89.2	4.7	2.8	83.5	19374	88.4	4.5	2.9	78.3
USA, Ohio: Black	2624	86.9	6.4	3.5	87.8	1850	88.9	5.1	2.4	81.6
USA, Ohio: White	22547	89.5	4.6	2.7	84.3	17242	88.2	4.5	3.0	78.9
USA, Oklahoma	8706	81.6	4.6	1.7	80.5	6075	82.2	3.9	1.2	75.9
USA, Oregon	6547	85.5	2.8	2.2	82.2	5846	84.5	2.9	2.4	79.1
USA, Pennsylvania	28694	90.2	1.3	1.1	81.2	21873	87.8	1.6	1.4	78.1
USA, Pennsylvania: Black	2648	90.4	1.4	1.3	81.8	2074	90.0	1.9	1.3	79.6
USA, Pennsylvania: White	25678	90.2	1.3	1.1	82.0	19547	87.5	1.6	1.4	78.7
USA, Rhode Island	2444	91.8	2.1	0.9	78.9	2008	89.0	3.2	0.9	74.1
USA, SEER (9 Registries)	44153	89.9	2.1	0.9	78.4	35923	88.2	2.5	1.0	75.0
USA, SEER (9 Registries): Black	4900	90.8	1.8	0.7	78.2	3445	90.1	1.9	0.7	74.3
USA, SEER (9 Registries): White	36166	89.6	2.2	1.0	79.1	30559	87.8	2.7	1.0	75.5
USA, SEER (14 Registries)	123409	89.8	1.8	1.4	80.7	99833	88.1	2.1	1.6	76.6
USA, SEER (14 Registries): Asian and Pacific Islander	5996	92.7	1.1	1.0	73.5	3766	92.2	1.2	1.3	69.8
USA, SEER (14 Registries): Black	13468	90.1	1.8	0.9	82.7	8824	89.9	1.8	1.0	78.7
USA, SEER (14 Registries): Hispanic White	5597	90.6	1.7	1.8	70.1	4128	89.7	2.3	1.7	55.5
USA, SEER (14 Registries): Non-Hispanic White	97660	89.5	1.8	1.5	81.7	82579	87.6	2.2	1.6	77.9
USA, South Carolina	9181	88.7	3.0	3.4	83.2	5538	86.6	3.5	3.9	79.5
USA, South Carolina: Black	2074	87.3	3.1	3.4	88.4	963	85.8	3.2	4.4	79.8
USA, South Carolina: White	7059	89.1	3.0	3.4	81.9	4531	86.8	3.6	3.8	79.8
USA, Texas	34371	85.6	7.0	2.2	82.8	24136	84.0	7.7	2.2	78.5
USA, Texas: Black	4249	85.1	7.5	2.3	87.1	2400	83.8	7.9	2.3	81.8
USA, Texas: White	29652	85.6	7.0	2.1	82.7	21393	84.0	7.7	2.1	78.6
USA, Utah	1483	87.6	0.7	0.4	83.1	920	87.8	0.8	0.2	80.5
USA, Vermont	1190	88.1	3.3	0.5	82.7	853	84.3	3.5	0.7	80.8
USA, Washington State	10394	87.2	1.6	2.3	80.2	9039	86.4	1.9	2.4	77.3
USA, Washington, Seattle	6966	88.2	1.3	2.1	79.4	6168	87.5	1.3	2.4	76.3
USA, West Virginia	5602	84.3	2.7	1.6	82.2	4148	82.6	3.2	1.5	77.0
USA, Wisconsin	10021	83.9	4.8	4.5	78.9	7694	82.9	5.2	4.6	74.9
Asia										
Bahrain: Bahraini	186	79.6	9.7	0.5	94.6	64	81.3	10.9	0.0	76.6
China, Guangzhou City	3847	58.5	0.0	0.1	88.1	1765	56.1	0.0	0.2	86.6*
China, Hong Kong	12941	80.5	1.9	0.0	85.0	6136	75.3	2.6	0.0	85.3
China, Jiashan	600	32.5	0.5	0.0		182	32.4	0.5	0.0	*
China, Nangang District, Harbin City	1282	76.3	1.6	0.6	92.1	845	74.8	3.2	0.8	77.4
China, Shanghai	12766	45.7	0.7	0.0	73.2	5720	43.0	0.9	0.0	70.5*
China, Zhongshan	1088	54.4	0.1	0.0		521	54.7	0.0	0.0	*
Cyprus	569	89.8		1.1	43.9	128	93.0		1.6	46.9*
India, Chennai (Madras)	962	52.1	3.0	12.1	55.6	228	50.9	4.4	14.9	53.1
India, New Delhi	2525	81.0	1.7	0.0		540	79.3	2.4	0.0	*
India, Karunagappally	175	65.1	1.1	0.0	16.0	20	75.0	0.0	0.0	20.0
India, Mumbai (Bombay)	1933	66.0	12.8	0.0	49.5	600	67.5	13.7	0.0	52.7
India, Nagpur	284	82.7	0.0	0.0		96	86.5	0.0	0.0	*
India, Poona	363	74.1	8.3	0.0		182	67.0	20.9	0.0	*
India, Trivandrum	264	72.0	4.5	0.0		51	82.4	5.9	2.0	*
Israel	5201	84.2	5.2	3.1	85.0	2496	81.7	6.2	2.8	75.2
Israel: Jews	4506	85.4	4.3	2.8		2334	83.7	5.0	2.7	
Israel: Non-Jews	553	91.5	2.5	2.4		82	82.9	3.7	2.4	
Japan, Aichi Prefecture	1511	71.1	25.7	3.1	81.2	589	72.7	25.0	2.4	74.2
Japan, Fukui Prefecture	1627	75.5	7.1	1.5	88.9	618	69.1	10.0	1.3	85.6
Japan, Hiroshima	1806	81.8	6.4	0.0	76.2	720	80.1	10.0	0.0	68.8
Japan, Miyagi Prefecture	4635	76.8	14.0	0.0	79.9	1801	70.0	18.1	0.0	69.5
Japan, Nagasaki Prefecture	3806	78.7	13.2	0.6	78.1	1608	75.8	14.1	0.7	69.6
Japan, Osaka Prefecture	16759	73.1	19.3	0.0	83.7	7144	67.8	22.2	0.0	81.5
Japan, Yamagata Prefecture	2877	73.4	15.7	1.0	83.9	1042	69.3	16.4	1.4	78.3

*Important. See note on population page.

Indices of data quality
Lung (C33-34) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	41176	74.7	7.9	0.0	84.2	14691	62.1	12.6	0.0	82.6
Korea, Busan	3368	70.6	6.1	0.0	87.4	1303	59.2	9.0	0.0	88.1
Korea, Daegu	2480	81.4	5.0	0.1	75.1	933	68.9	9.5	0.0	79.4
Korea, Daejeon	1083	79.7	5.5	0.0	81.7	399	69.7	9.3	0.0	76.9
Korea, Gwangju	1201	74.2	4.3	0.0	77.4	479	61.4	5.6	0.0	76.2
Korea, Incheon	2170	76.4	3.8	0.0	81.0	822	64.7	5.4	0.0	84.1
Korea, Jejudo	309	75.4	2.3	0.3	85.0	120	69.2	4.2	0.0	93.8
Korea, Seoul	9057	78.9	9.3	0.0	69.5	3667	68.9	15.5	0.0	65.4
Korea, Ulsan	628	73.6	5.6	0.0	85.0	227	64.3	10.6	0.0	80.6
Kuwait: Kuwaitis	143	77.6	18.9	0.0		46	71.7	28.3	0.0	
Kuwait: Non-Kuwaitis	156	85.9	10.9	0.0		22	86.4	13.6	0.0	
Malaysia, Penang	698	80.5	4.7	0.0	59.5	220	76.8	7.3	0.0	61.4
Malaysia, Sarawak	711	71.6	14.3	1.0	48.5	395	73.9	13.4	0.8	40.5
Oman: Omani	160	76.9	5.0	0.6		36	88.9	0.0	2.8	*
Pakistan, South Karachi	596	74.8	0.2	0.0		62	77.4	0.0	0.0	*
Philippines, Manila	3165	55.7	15.5	0.0		1139	57.3	14.5	0.0	*
Singapore	3547	87.3	0.0	0.0	91.8	1584	82.6	0.0	0.0	90.4
Singapore: Chinese	3145	87.6	0.0	0.0		1436	82.0	0.0	0.0	
Singapore: Indian	89	87.6	0.0	0.0		33	84.8	0.0	0.0	
Singapore: Malay	313	84.3	0.0	0.0		115	88.7	0.0	0.0	
Thailand, Chiang Mai	1236	73.1	0.0	0.0	0.3	934	74.1	0.0	0.0	0.1*
Thailand, Lampang	1117	65.4	12.8	0.0	87.9	634	67.8	11.7	0.0	84.5*
Thailand, Songkhla	409	77.0	5.4	0.0	68.2	168	73.2	6.0	0.0	141.1
Turkey, Antalya	1090	85.6	1.9	3.4	64.6	142	82.4	2.1	3.5	56.3*
Turkey, Izmir	5886	86.6	0.0	2.0	72.4	505	83.2	0.0	2.2	128.1*
Europe										
Austria	12849	85.9	11.3	0.2	90.8	5532	82.7	13.9	0.3	87.4
Austria, Tyrol	1071	90.2	1.9	0.0	86.0	447	88.8	2.0	0.0	80.3
Austria, Vorarlberg	547	80.4	7.7	1.8	81.7	186	73.7	10.2	1.1	71.0
Belarus	19017	68.3		0.0	86.2	2337	55.1		0.0	82.6*
Belgium, Antwerp	3997	94.2		0.0		1021	94.6		0.0	*
Belgium, Flanders	11993	86.6		9.0	102.5	2330	87.3		8.5	92.7
Bulgaria	15536	48.1	17.0	0.1	78.8	2789	40.9	25.6	0.2	93.5*
Croatia	12086	73.5	7.2	19.3	86.3	2830	66.5	8.8	24.6	82.3
Czech Republic	23276	77.5	5.6	0.4	93.5	6851	72.8	8.3	0.6	90.9
Denmark	10243	83.7	0.6	2.9	94.4	7803	83.6	0.5	3.1	91.5
Estonia	2971	76.4	0.7	0.0	94.3	678	67.1	1.3	0.0	89.1
Finland	7809	87.0	2.4	1.8	90.2	2745	84.6	2.8	2.3	83.4
France, Bas-Rhin	2091	95.3		0.1	84.7	479	93.3		0.0	88.9
France, Calvados	1257	96.7		0.2	97.2	218	95.4		0.0	88.1
France, Doubs	978	96.1		0.0	91.4	202	96.0		0.0	78.7
France, Haut-Rhin	1316	95.4		1.7	99.1	306	92.2		2.6	99.0
France, Herault	1740	97.8		0.0	108.4	403	99.0		0.0	99.5
France, Isere	1958	92.2		2.2	87.4	400	92.0		2.8	80.3
France, Loire-Atlantique	1579	98.0		0.1	112.3	362	95.6		0.3	101.7
France, Manche	941	98.1		0.0	100.4	128	96.9		0.0	107.0
France, Somme	1212	92.8	0.2	0.8	100.0	196	93.9	0.0	0.5	93.9
France, Tarn	727	95.5		0.0	97.7	139	91.4		0.0	96.4
France, Vendee	776	98.7		0.4	130.7	167	97.6		1.2	106.6
Germany, Brandenburg	5810	73.0	21.3	1.0	184.1	1597	68.8	24.7	1.1	196.7
Germany, Free State of Saxony	9140	76.7	15.6	0.2	69.9	2188	68.6	22.1	0.3	66.6
Germany, Hamburg	3833	69.8	12.0	0.0	84.7	1901	65.9	13.2	0.0	84.6
Germany, Mecklenburg-Western Pomerania	4175	77.6	18.6	0.3	70.9	1104	71.1	23.9	0.4	68.8
Germany, Munich	3525	79.3	12.3	0.0	81.4	1648	76.6	13.2	0.0	83.8
Germany, Northrhine-Westphalia: Munster	6019	77.6	11.6	1.1	85.7	1875	75.0	11.8	1.8	90.6
Germany, Saarland	2873	84.6	9.3	0.0	89.0	990	81.8	9.4	0.0	82.0
Iceland	296	95.6	0.0	0.0	93.2	303	94.7	0.0	0.0	83.2
Ireland	5184	73.5	3.6	1.3	91.1	3066	69.3	4.5	1.3	89.8
Italy, Biella Province	632	75.3	1.7	0.3	86.4	166	63.3	3.6	0.6	86.1
Italy, Brescia Province	1607	73.0	3.4	0.0	86.7	391	71.1	4.6	0.0	81.6
Italy, Ferrara Province	1346	78.8	0.5	0.0	86.1	327	73.1	1.2	0.0	90.2
Italy, Florence and Prato	3306	69.6	0.7	0.0	88.0	900	64.0	0.9	0.0	80.1
Italy, Genoa Province	1994	67.1	2.2	0.0	85.2	496	59.3	3.2	0.0	81.0
Italy, Macerata Province	432	78.0	2.3	0.2	91.2	101	72.3	3.0	1.0	75.2
Italy, Milan	3125	68.2	2.4	0.0	90.0	1295	62.7	5.2	0.0	86.1
Italy, Modena Province	1812	68.6	0.6	0.0	90.2	470	67.0	0.9	0.0	88.7
Italy, Naples	1035	68.7	4.2	0.0	86.1	189	63.0	7.9	0.0	72.3
Italy, North East Cancer Surveillance Network	4931	81.4	1.1	0.0	94.5	1625	77.2	1.8	0.0	89.7
Italy, Parma Province	1212	78.3	1.2	0.0	82.0	398	69.1	2.0	0.0	81.4
Italy, Ragusa Province	565	67.8	3.2	1.1	85.1	92	65.2	1.1	2.2	82.6
Italy, Reggio Emilia Province	1236	77.5	0.2	0.0	93.0	343	81.3	0.6	0.0	82.8
Italy, Romagna Region	3179	80.3	2.3	0.0	85.0	856	78.6	0.9	0.0	77.9
Italy, Salerno Province	1795	63.2	4.8	0.0	90.4	260	56.2	5.8	0.0	92.3
Italy, Sassari Province	961	76.0	4.2	0.8	88.0	187	76.5	7.0	0.0	79.7
Italy, Syracuse Province	609	65.7	4.1	2.8	85.6	88	68.2	2.3	3.4	83.0
Italy, Sondrio	501	83.4	0.4	0.0	93.1	112	80.4	0.0	0.0	82.6
Italy, Torino	2790	77.8	2.2	0.3	86.6	815	71.7	3.1	0.0	82.5
Italy, Umbria Region	2091	76.5	0.6	10.9	87.0	510	73.9	1.6	13.7	78.6
Italy, Varese Province	1308	73.9	0.4	0.0	87.7	309	64.7	1.3	0.0	78.6
Italy, Veneto Region	4797	75.5	1.8	0.0	85.9	1459	67.9	3.5	0.0	78.8

*Important. See note on population page.

Indices of data quality
Lung (C33-34) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	4793	59.3	6.7	0.1	94.8	929	51.3	9.6	0.1	92.8
Lithuania	6950	73.0	2.0	0.0	88.8	1230	59.8	2.5	0.0	80.1
Malta	533	76.2	3.0	0.0	97.0	98	77.6	3.1	0.0	94.9
Norway	6516	87.4	1.0	0.0	88.6	3761	87.1	0.9	0.0	83.0
Poland, Cracow	1506	62.1	8.4	0.0	90.0	613	60.0	11.1	0.0	89.3*
Poland, Kielce	3229	85.1	2.0	2.8	89.8	611	75.1	3.8	4.4	82.2
Poland, Warsaw City	2955	83.8	0.4	0.1	108.1	1520	80.5	0.5	0.1	109.2
Portugal, Porto	3133	95.2		0.0	114.9	685	94.2		0.1	116.1*
Portugal, South Regional	3718	78.6	16.2	0.0	88.8	867	75.7	20.5	0.0	80.2
Russia, St Petersburg	7745	62.6		7.7	104.3	1894	55.4		10.1	109.1
Serbia	10672	78.1	11.3	0.1	79.4	3076	76.6	13.2	0.1	76.8
Slovak Republic	9481	74.2	13.1	1.3	95.7	1777	71.8	15.6	1.9	95.7
Slovenia	4033	97.7	1.5	0.8	91.3	1188	97.4	1.9	0.8	86.4
Spain, Albacete	491	83.5	4.1	0.8	90.0	49	85.7	8.2	0.0	87.8
Spain, Asturias	2833	88.9	3.9	1.0	99.2	354	82.2	6.5	1.1	89.9
Spain, Basque Country	3857	86.1	3.3	0.9	83.0	558	83.3	6.3	0.4	83.9
Spain, Canary Islands	2287	85.4	4.4	1.0	86.4	398	80.9	7.3	1.8	84.5
Spain, Cuenca	443	73.6	10.4	0.7	84.2	39	56.4	23.1	2.6	84.6
Spain, Girona	1300	86.2	4.2	0.9	83.2	134	82.8	7.5	0.0	91.0
Spain, Granada	1402	75.8	1.5	0.2	101.4	122	70.5	3.3	0.0	123.8
Spain, Murcia	2074	83.4	5.3	1.2	90.7	231	80.1	7.4	0.9	91.3
Spain, Navarra	1254	89.4	2.0	0.1	82.5	166	86.1	2.4	0.0	83.1
Spain, Tarragona	1037	82.6	8.2	0.4	82.9	99	77.8	10.1	0.0	87.9
Spain, Zaragoza	1839	86.3	6.0	0.0	103.6	172	80.2	9.3	0.0	108.7
Sweden	8437	97.7		0.0	106.2	6073	97.2		0.0	102.3
Switzerland, Geneva	705	92.5	0.1	0.0	69.9	391	88.7	1.3	0.0	69.6
Switzerland, Graubunden and Glarus	403	88.6	0.2	0.0	77.2	106	82.1	0.0	0.0	68.9
Switzerland, Neuchatel	343	89.5	0.9	0.0	83.1	140	87.9	1.4	0.0	78.6
Switzerland, St Gall-Appenzell	779	90.1	0.9	0.0	79.5	274	92.0	0.7	0.0	78.8
Switzerland, Ticino	648	89.2	2.5	0.0	79.8	250	90.4	3.2	0.0	76.0
Switzerland, Valais	514	91.1	0.4	0.0	82.3	197	87.8	2.0	0.0	73.6
Switzerland, Vaud	1126	91.5	4.8	0.0	77.5	528	91.5	4.7	0.0	75.6
The Netherlands	32797	92.6		0.0	98.6	12386	93.0		0.0	90.9
The Netherlands, Eindhoven	2272	91.9		0.0		740	93.6		0.0	
The Netherlands, Maastricht	2138	94.2		0.0	94.4	729	94.0		0.0	90.4
UK, East of England Region	4688	73.5	0.3	2.2	89.5	2606	68.9	0.5	2.8	86.1
UK, England, Merseyside and Cheshire	5873	64.3	7.1	0.3	85.6	4320	60.8	8.2	0.3	83.1
UK, England, North Western	9094	66.2	3.1	2.0	90.3	6169	61.8	3.2	2.6	88.6
UK, England, Northern and Yorkshire	15639	57.3	2.5	0.0	89.8	10864	52.8	2.6	0.0	87.4
UK, England, Oxford Region	3630	72.0	1.7	16.3	95.0	2130	67.3	2.2	20.4	98.5
UK, England, South and Western Regions	11995	63.5	3.6	10.1	98.8	7253	59.7	3.9	12.0	93.9
UK, England, Thames	23713	66.5	10.8	4.8	88.3	15168	63.3	11.5	4.8	86.3
UK, England, Trent	10193	65.9	7.8	1.2	86.2	6107	61.8	8.2	1.5	84.1
UK, England, West Midlands	10435	71.8	8.2	0.0	90.1	5650	68.5	9.0	0.0	89.4
UK, Northern Ireland	2693	66.9	2.1	0.0	89.7	1735	62.9	2.4	0.0	87.4
UK, Scotland	12969	74.9	0.9	1.5	88.3	9764	70.7	0.7	1.5	85.9
Oceania										
Australia, New South Wales	9278	84.9	1.8	0.0	85.3	4685	82.9	2.2	0.0	83.2
Australia, Northern Territory	175	92.6	1.7	0.0	86.9	70	85.7	2.9	0.0	80.0
Australia, Queensland	5270	79.8	2.7	0.3	84.0	2487	79.8	3.0	0.2	77.8
Australia, South	2323	83.0	0.0	0.3	86.9	1202	81.0	0.0	0.7	78.3
Australia, Tasmania	816	80.5	0.2	0.2	84.5	447	83.2	0.2	0.0	84.8
Australia, Victoria	6619	80.3	3.0	3.1	86.2	3685	78.3	3.1	3.7	80.6
Australia, Western	2524	85.5	4.8	0.0	85.4	1339	83.0	5.7	0.1	78.5
Australian Capital Territory	223	87.4	1.8	0.0	101.8	138	84.8	1.4	0.0	108.7
French Polynesia	250	86.0	8.8	1.6	87.2	95	82.1	10.5	3.2	88.4
New Zealand	4733	78.0	5.0	0.0	90.8	3159	74.0	5.4	0.1	89.9
USA, Hawaii	1983	92.3	1.3	0.3	74.9	1275	91.5	0.9	0.2	67.5
USA, Hawaii: Chinese	121	95.0	0.0	0.0		85	92.9	0.0	0.0	
USA, Hawaii: Filipino	332	93.4	0.6	0.3		143	95.8	0.0	0.0	
USA, Hawaii: Hawaiian	324	92.3	1.2	0.3		257	93.0	1.6	0.0	
USA, Hawaii: Japanese	504	92.5	1.8	0.2		278	89.9	0.7	0.4	
USA, Hawaii: White	566	91.3	1.4	0.4	74.7	423	89.4	1.2	0.2	65.2

*Important. See note on population page.

Indices of data quality
Melanoma of skin (C43)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	5	100.0		0.0		11	100.0		0.0	*
Egypt, Gharbiah	15	100.0	0.0	0.0		14	100.0	0.0	0.0	7.1
Tunisia, Centre, Sousse	5	100.0		0.0		5	100.0		0.0	*
Uganda, Kyadondo County	9	100.0		0.0		16	93.8		0.0	*
Zimbabwe, Harare: African	15	66.7	0.0	0.0		28	89.3	3.6	0.0	*
America, Central and South										
Argentina, Bahia Blanca	27	74.1	25.9	0.0	70.4	29	89.7	6.9	0.0	44.8
Brazil, Brasilia	102	96.1	2.9	1.0	20.6	122	95.1	0.8	4.1	18.9
Brazil, Cuiaba	16	100.0	0.0	0.0	37.5	15	100.0	0.0	0.0	20.0
Brazil, Goiania	69	98.6	1.4	0.0	10.1	93	98.9	0.0	1.1	
Brazil, Sao Paulo	1392	99.6	0.0	0.0	20.0	1687	100.0	0.0	0.0	17.2
Chile, Valdivia	16	100.0	0.0	0.0	37.5	32	100.0	0.0	0.0	25.0
Colombia, Cali	124	96.8	0.0	0.0	31.5	135	99.3	0.0	0.0	24.4
Costa Rica	188	98.4	0.0	0.0	39.4	173	100.0	0.0	0.0	26.6
Ecuador, Quito	73	97.3	0.0	0.0	57.5	96	92.7	2.1	0.0	45.8
France, La Martinique	18	100.0		0.0	34.7	19	100.0		0.0	13.2
Peru, Trujillo	16	100.0	0.0	0.0		23	100.0	0.0	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	8496	97.7	0.1	2.1	20.8	7658	97.5	0.2	2.2	14.7
Canada, Alberta	945	100.0	0.0	0.0	17.2	948	99.9	0.1	0.0	11.9
Canada, British Columbia	1550	99.7	0.1	0.1	20.1	1329	99.4	0.2	0.2	13.8
Canada, Manitoba	352	99.1	0.0	0.0	22.4	285	99.6	0.4	0.0	21.4
Canada, New Brunswick	283	100.0	0.0	0.0	13.4	298	100.0	0.0	0.0	10.4
Canada, Newfoundland and Labrador	116	98.3		1.7	18.1	129	100.0		0.0	15.5
Canada, Northwest Territories	6	100.0	0.0	0.0	16.7	4	100.0	0.0	0.0	
Canada, Nova Scotia	458	100.0	0.0	0.0	16.8	441	99.8	0.0	0.0	10.7
Canada, Ontario	4438	95.8	0.1	4.0	22.6	3834	95.3	0.3	4.3	16.1
Canada, Prince Edward Island	62	100.0	0.0	0.0	16.1	78	100.0	0.0	0.0	9.0
Canada, Saskatchewan	286	99.7	0.3	0.0	22.4	312	100.0	0.0	0.0	13.8
USA, Alabama	1557	98.1	0.3	1.4	22.6	1180	98.1	0.4	1.4	18.6
USA, Alabama: Black	17	88.2	5.9	5.9	29.4	17	100.0	0.0	0.0	100.0
USA, Alabama: White	1420	98.1	0.3	1.5	24.4	1045	97.9	0.5	1.6	19.3
USA, Alaska	149	97.3	0.0	2.7	17.4	115	97.4	0.0	2.6	13.9
USA, Arizona	2636	98.8	0.5	0.5	18.6	1697	98.9	0.5	0.4	13.7
USA, California	15400	99.6	0.2	0.2	16.0	11330	99.5	0.2	0.2	12.4
USA, California: Asian and Pacific Islander	100	99.0	0.0	0.0	31.0	111	100.0	0.0	0.0	22.5
USA, California: Black	57	98.2	0.0	0.0	21.1	44	100.0	0.0	0.0	29.5
USA, California: Hispanic White	536	99.4	0.4	0.0	22.4	689	99.6	0.0	0.0	12.6
USA, California: Non-Hispanic White	13688	99.6	0.2	0.2	16.8	9605	99.6	0.2	0.2	13.3
USA, California, Greater San Francisco Bay Area	2657	99.7	0.2	0.1	16.4	1995	99.5	0.3	0.2	13.7
USA, California, Greater San Francisco Bay Area: Black	9	100.0	0.0	0.0	11.1	6	100.0	0.0	0.0	66.7
USA, California, Greater San Francisco Bay Area: Chinese	15	100.0	0.0	0.0		13	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Filipino	4	100.0	0.0	0.0		4	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Japanese	1	100.0	0.0	0.0		4	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Hispanic White	67	98.5	0.0	0.0	11.9	114	99.1	0.0	0.0	12.3
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	2391	99.7	0.2	0.1	17.3	1711	99.5	0.3	0.2	14.6
USA, California, Los Angeles County	3197	99.7	0.2	0.1	14.9	2389	100.0	0.0	0.0	11.7
USA, California, Los Angeles County: Black	24	100.0	0.0	0.0	29.2	20	100.0	0.0	0.0	25.0
USA, California, Los Angeles County: Chinese	12	100.0	0.0	0.0	58.3	7	100.0	0.0	0.0	
USA, California, Los Angeles County: Filipino	6	100.0	0.0	0.0		7	100.0	0.0	0.0	28.6
USA, California, Los Angeles County: Japanese	6	100.0	0.0	0.0	16.7	5	100.0	0.0	0.0	
USA, California, Los Angeles County: Korean	2	100.0	0.0	0.0	50.0	6	100.0	0.0	0.0	33.3
USA, California, Los Angeles County: Hispanic White	185	99.5	0.5	0.0	20.0	236	100.0	0.0	0.0	15.3
USA, California, Los Angeles County: Non-Hispanic White	2737	99.7	0.1	0.1	15.5	1947	99.9	0.1	0.0	12.0
USA, Colorado	2176	99.4	0.5	0.0	16.3	1727	99.0	0.6	0.2	11.8
USA, Connecticut	2053	99.3	0.4	0.2	13.8	1665	99.8	0.1	0.1	11.4
USA, Connecticut: Black	7	100.0	0.0	0.0		5	100.0	0.0	0.0	60.0
USA, Connecticut: White	1971	99.2	0.5	0.2	14.4	1595	99.7	0.1	0.1	11.7
USA, District of Columbia	123	96.7	1.6	1.6	22.0	92	100.0	0.0	0.0	15.2
USA, District of Columbia: Black	8	87.5	12.5	0.0	62.5	4	100.0	0.0	0.0	125.0
USA, District of Columbia: White	108	97.2	0.9	1.9	20.4	79	100.0	0.0	0.0	10.1
USA, Florida	8811	98.5	1.3	0.1	21.3	5923	99.0	0.8	0.1	15.1
USA, Florida: Black	41	95.1	4.9	0.0	29.3	68	98.5	0.0	0.0	22.1
USA, Florida: White	8590	98.5	1.3	0.1	21.7	5726	98.9	0.9	0.1	15.3
USA, Georgia	3205	98.6	1.2	0.1	18.3	2478	98.7	1.0	0.2	14.9
USA, Georgia: Black	46	100.0	0.0	0.0	19.6	44	90.9	9.1	0.0	50.0
USA, Georgia: White	3080	98.6	1.3	0.1	18.7	2351	98.9	0.9	0.2	14.8
USA, Georgia, Atlanta	1229	99.6	0.4	0.0	13.8	946	99.8	0.2	0.0	9.6
USA, Georgia, Atlanta: Black	15	100.0	0.0	0.0	20.0	17	100.0	0.0	0.0	35.3
USA, Georgia, Atlanta: White	1181	99.6	0.4	0.0	14.1	907	99.8	0.2	0.0	9.3
USA, Idaho	671	98.2	1.2	0.0	19.4	488	99.8	0.2	0.0	11.3
USA, Illinois	4084	99.1	0.5	0.3	21.3	3133	99.0	0.7	0.1	17.5
USA, Illinois: Black	28	100.0	0.0	0.0	39.3	34	91.2	5.9	0.0	38.2
USA, Illinois: White	3832	99.1	0.5	0.3	22.3	2916	99.0	0.7	0.1	18.2
USA, Indiana	2336	99.3	0.5	0.1	23.0	1862	99.4	0.5	0.1	18.1
USA, Iowa	1357	99.6	0.2	0.1	18.3	1262	99.4	0.2	0.3	11.5
USA, Kentucky	2145	99.4	0.2	0.4	19.1	1796	99.3	0.2	0.4	12.8
USA, Louisiana	1179	98.9	0.4	0.2	24.1	890	99.2	0.6	0.2	20.9
USA, Louisiana: Black	30	100.0	0.0	0.0	70.0	35	100.0	0.0	0.0	37.1
USA, Louisiana: White	1129	98.8	0.4	0.2	23.2	834	99.2	0.6	0.2	20.7
USA, Louisiana, New Orleans: Black	9	100.0	0.0	0.0	55.6	10	100.0	0.0	0.0	50.0
USA, Louisiana, New Orleans: White	183	97.8	0.5	0.0	27.3	135	98.5	1.5	0.0	20.7

*Important. See note on population page.

Indices of data quality
Melanoma of skin (C43) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	706	93.5	0.4	5.7	17.8	576	94.8	0.5	4.5	14.2
USA, Massachusetts	3140	98.9	0.7	0.4	19.5	2716	98.9	0.6	0.5	14.2
USA, Michigan	4579	98.4	0.6	0.8	15.9	3804	98.8	0.7	0.3	10.9
USA, Michigan: Black	36	86.1	11.1	0.0	30.6	29	89.7	6.9	0.0	41.4
USA, Michigan: White	4343	98.5	0.6	0.9	16.5	3590	98.8	0.7	0.3	11.2
USA, Michigan, Detroit	1721	99.7	0.1	0.1	13.7	1428	99.4	0.1	0.1	9.9
USA, Michigan, Detroit: Black	21	95.2	0.0	0.0	33.3	18	88.9	0.0	0.0	38.9
USA, Michigan, Detroit: White	1679	99.7	0.1	0.1	13.6	1392	99.6	0.1	0.1	9.7
USA, Missouri	1781	96.5	1.6	1.9	30.5	1271	97.2	1.2	1.5	25.2
USA, Missouri: Black	8	62.5	12.5	12.5	62.5	10	100.0	0.0	0.0	60.0
USA, Missouri: White	1751	96.6	1.5	1.9	30.8	1232	97.2	1.2	1.5	25.5
USA, Montana	395	98.2	1.5	0.3	24.6	307	98.4	1.0	0.7	16.3
USA, NPCR	93718	98.6	0.6	0.6	19.8	71525	98.7	0.6	0.5	15.2
USA, NPCR: Black	462	95.2	2.6	1.1	40.7	545	96.0	2.4	0.7	43.9
USA, NPCR: White	89053	98.5	0.7	0.6	20.5	67236	98.7	0.6	0.5	15.7
USA, New Jersey	3941	98.9	0.6	0.4	19.4	3099	98.1	0.9	0.8	14.3
USA, New Jersey: Black	16	100.0	0.0	0.0	43.8	24	83.3	8.3	8.3	41.7
USA, New Jersey: White	3863	98.9	0.6	0.4	19.6	3023	98.3	0.9	0.7	14.2
USA, New Mexico	824	98.2	0.4	0.8	15.9	583	98.8	0.5	0.2	13.2
USA, New Mexico: American Indian	8	100.0	0.0	0.0	37.5	3	100.0	0.0	0.0	66.7
USA, New Mexico: Hispanic White	44	95.5	0.0	0.0	29.5	72	98.6	1.4	0.0	12.5
USA, New Mexico: Non-Hispanic White	771	98.3	0.4	0.9	14.8	504	98.8	0.4	0.2	12.9
USA, New York State	5706	96.8	0.6	1.5	22.7	4554	96.9	0.5	1.5	19.4
USA, New York State: Black	53	96.2	0.0	0.0	41.5	73	97.3	0.0	0.0	32.9
USA, New York State: White	5589	96.8	0.6	1.5	22.7	4434	96.9	0.5	1.5	19.3
USA, Ohio	4566	98.6	0.7	0.6	21.1	3779	98.5	0.7	0.6	15.8
USA, Ohio: Black	25	96.0	0.0	4.0	28.0	23	95.7	0.0	0.0	52.2
USA, Ohio: White	4153	98.5	0.7	0.6	23.0	3426	98.4	0.8	0.7	17.0
USA, Oklahoma	1192	94.2	1.6	0.7	34.1	831	95.3	1.3	0.4	27.4
USA, Oregon	2108	99.3	0.3	0.3	17.5	1764	99.6	0.2	0.2	11.2
USA, Pennsylvania	5533	99.2	0.2	0.4	21.0	4297	99.3	0.1	0.5	17.7
USA, Pennsylvania: Black	20	100.0	0.0	0.0	45.0	17	100.0	0.0	0.0	64.7
USA, Pennsylvania: White	5175	99.2	0.3	0.3	22.3	3997	99.3	0.1	0.4	18.8
USA, Rhode Island	640	99.8	0.2	0.0	13.9	453	99.6	0.4	0.0	17.9
USA, SEER (9 Registries)	12579	99.5	0.2	0.2	15.4	10207	99.5	0.2	0.2	11.4
USA, SEER (9 Registries): Black	58	98.3	0.0	0.0	20.7	55	96.4	0.0	0.0	45.5
USA, SEER (9 Registries): White	12120	99.5	0.2	0.2	15.5	9791	99.5	0.2	0.2	11.4
USA, SEER (14 Registries)	33579	99.4	0.3	0.2	16.7	26085	99.3	0.3	0.3	12.5
USA, SEER (14 Registries): Asian and Pacific Islander	174	99.4	0.0	0.0	32.2	190	98.9	0.5	0.0	22.1
USA, SEER (14 Registries): Black	162	98.8	0.0	0.0	32.7	160	95.0	2.5	1.3	41.9
USA, SEER (14 Registries): Hispanic White	734	99.2	0.4	0.0	20.4	942	99.5	0.1	0.0	12.1
USA, SEER (14 Registries): Non-Hispanic White	31093	99.4	0.3	0.2	17.1	23543	99.4	0.3	0.3	12.9
USA, South Carolina	1823	98.4	0.4	1.2	17.3	1392	98.1	0.6	1.2	12.9
USA, South Carolina: Black	17	94.1	0.0	5.9	41.2	35	94.3	2.9	2.9	51.4
USA, South Carolina: White	1763	98.5	0.5	1.0	17.5	1306	98.4	0.5	1.1	12.3
USA, Texas	6036	96.8	1.5	1.4	24.0	4277	97.4	1.4	1.0	19.0
USA, Texas: Black	25	88.0	8.0	0.0	76.0	49	98.0	2.0	0.0	44.9
USA, Texas: White	5664	96.7	1.5	1.4	25.2	3921	97.3	1.5	1.0	20.1
USA, Utah	968	99.5	0.1	0.0	17.0	781	99.9	0.0	0.0	12.4
USA, Vermont	428	98.8	0.5	0.7	16.8	361	98.3	0.3	0.8	8.3
USA, Washington State	3235	99.3	0.2	0.4	15.5	2810	99.3	0.3	0.4	10.9
USA, Washington, Seattle	2168	99.6	0.1	0.3	16.0	1922	99.4	0.2	0.4	10.7
USA, West Virginia	855	98.7	0.7	0.2	21.1	668	98.5	0.7	0.4	16.9
USA, Wisconsin	2002	97.6	0.9	1.2	22.9	1591	98.2	0.6	0.9	15.7
Asia										
Bahrain: Bahraini	2	100.0	0.0	0.0	50.0	1	100.0	0.0	0.0	
China, Guangzhou City	45	86.7	0.0	0.0	8.9	28	96.4	0.0	0.0	7.1*
China, Hong Kong	150	95.3	1.3	0.0	48.0	129	96.1	0.0	0.0	43.4
China, Jiashan	2	100.0	0.0	0.0		4	100.0	0.0	0.0	*
China, Nangang District, Harbin City	2	100.0	0.0	0.0	50.0	5	100.0	0.0	0.0	60.0
China, Shanghai	107	90.7	0.0	0.0	42.1	91	85.7	0.0	0.0	56.0*
China, Zhongshan	7	100.0	0.0	0.0		7	100.0	0.0	0.0	*
Cyprus	59	100.0		0.0	29.7	82	96.3		2.4	9.1*
India, Chennai (Madras)	24	95.8	0.0	0.0	25.0	28	96.4	0.0	0.0	25.0
India, New Delhi	58	100.0	0.0	0.0		44	100.0	0.0	0.0	*
India, Karunagappally	4	100.0	0.0	0.0		1	100.0	0.0	0.0	
India, Mumbai (Bombay)	61	100.0	0.0	0.0	11.5	48	100.0	0.0	0.0	6.3
India, Nagpur	13	100.0	0.0	0.0		3	100.0	0.0	0.0	*
India, Poona	0	0.0	0.0	0.0		0	0.0	0.0	0.0	*
India, Trivandrum	5	100.0	0.0	0.0		9	100.0	0.0	0.0	*
Israel	1774	94.0	0.5	3.4	21.7	1726	95.0	0.2	3.1	18.1
Israel: Jews	1701	95.2	0.5	2.4		1681	95.5	0.2	2.7	
Israel: Non-Jews	23	100.0	0.0	0.0		16	100.0	0.0	0.0	
Japan, Aichi Prefecture	18	100.0	0.0	0.0	44.4	22	100.0	0.0	0.0	9.1
Japan, Fukui Prefecture	17	64.7	5.9	17.6	58.8	14	71.4	0.0	7.1	64.3
Japan, Hiroshima	17	100.0	0.0	0.0	23.5	28	92.9	0.0	0.0	35.7
Japan, Miyagi Prefecture	48	89.6	10.4	0.0	54.2	45	93.3	6.7	0.0	44.4
Japan, Nagasaki Prefecture	36	88.9	2.8	0.0	25.0	41	87.8	7.3	0.0	39.0
Japan, Osaka Prefecture	129	100.0	0.0	0.0	69.0	87	100.0	0.0	0.0	67.8
Japan, Yamagata Prefecture	23	100.0	0.0	0.0	60.9	32	100.0	0.0	0.0	50.0

*Important. See note on population page.

Indices of data quality
Melanoma of skin (C43) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	465	97.2	1.7	0.0	42.6	490	96.3	2.9	0.0	36.1
Korea, Busan	42	97.6	2.4	0.0	59.5	38	100.0	0.0	0.0	42.1
Korea, Daegu	37	94.6	2.7	0.0	21.6	22	100.0	0.0	0.0	22.7
Korea, Daejeon	9	100.0	0.0	0.0	44.4	26	92.3	3.8	0.0	26.9
Korea, Gwangju	18	100.0	0.0	0.0	50.0	19	94.7	0.0	0.0	26.3
Korea, Incheon	23	100.0	0.0	0.0	30.4	27	100.0	0.0	0.0	29.6
Korea, Jejudo	3	100.0	0.0	0.0		3	100.0	0.0	0.0	100.0
Korea, Seoul	123	96.7	3.3	0.0	60.0	124	95.2	4.8	0.0	34.3
Korea, Ulsan	11	90.9	9.1	0.0	54.5	13	92.3	7.7	0.0	23.1
Kuwait: Kuwaitis	2	100.0	0.0	0.0		4	100.0	0.0	0.0	
Kuwait: Non-Kuwaitis	10	100.0	0.0	0.0		3	100.0	0.0	0.0	
Malaysia, Penang	9	88.9	0.0	0.0		9	88.9	0.0	0.0	
Malaysia, Sarawak	39	100.0	0.0	0.0	12.8	16	93.8	0.0	0.0	
Oman: Omani	6	100.0	0.0	0.0		6	100.0	0.0	0.0	*
Pakistan, South Karachi	16	93.8	6.3	0.0		6	100.0	0.0	0.0	*
Philippines, Manila	55	89.1	5.5	0.0		47	93.6	4.3	0.0	*
Singapore	34	100.0	0.0	0.0	52.9	35	100.0	0.0	0.0	62.9
Singapore: Chinese	26	100.0	0.0	0.0		32	100.0	0.0	0.0	
Singapore: Indian	2	100.0	0.0	0.0		0	0.0	0.0	0.0	
Singapore: Malay	6	100.0	0.0	0.0		3	100.0	0.0	0.0	
Thailand, Chiang Mai	27	100.0	0.0	0.0		16	100.0	0.0	0.0	*
Thailand, Lampang	18	100.0	0.0	0.0		7	100.0	0.0	0.0	*
Thailand, Songkhla	13	100.0	0.0	0.0	92.3	13	100.0	0.0	0.0	30.8
Turkey, Antalya	32	100.0	0.0	0.0	25.0	47	100.0	0.0	0.0	17.0*
Turkey, Izmir	107	97.2	0.0	0.9	39.3	86	97.7	0.0	0.0	40.7*
Europe										
Austria	2407	95.3	3.7	0.0	29.4	2570	95.1	3.9	0.0	26.0
Austria, Tyrol	278	100.0	0.0	0.0	18.7	284	98.9	0.7	0.0	15.8
Austria, Vorarlberg	135	99.3	0.7	0.0	23.0	159	96.9	3.1	0.0	10.7
Belarus	782	99.2		0.0	60.1	1422	99.5		0.0	31.6*
Belgium, Antwerp	289	100.0		0.0		371	100.0		0.0	*
Belgium, Flanders	958	99.9		0.0	31.8	1543	99.9		0.0	20.2
Bulgaria	822	100.0	0.0	0.0	41.2	790	99.9	0.1	0.0	35.9*
Croatia	1044	97.0	2.8	0.2	42.0	1034	95.8	3.9	0.3	32.2
Czech Republic	3457	97.6	0.8	1.0	26.5	3586	97.6	0.9	0.8	20.7
Denmark	2303	98.0	0.1	1.9	24.7	2811	98.0	0.1	1.9	17.5
Estonia	222	98.2	0.9	0.0	39.6	400	99.0	0.3	0.0	30.0
Finland	1664	99.7	0.0	0.2	24.9	1626	99.8	0.2	0.1	19.4
France, Bas-Rhin	375	100.0		0.0	16.8	432	99.8		0.2	11.6
France, Calvados	104	100.0		0.0	40.4	165	100.0		0.0	25.5
France, Doubs	120	100.0		0.0	20.0	180	100.0		0.0	16.1
France, Haut-Rhin	258	100.0		0.0	13.6	304	99.3		0.7	15.1
France, Herault	236	100.0		0.0	29.2	252	100.0		0.0	19.8
France, Isere	261	98.9		0.4	21.5	323	98.8		1.2	16.1
France, Loire-Atlantique	373	100.0		0.0	18.8	505	100.0		0.0	14.1
France, Manche	124	100.0		0.0	31.5	205	99.5		0.5	17.1
France, Somme	110	100.0	0.0	0.0	11.8	124	96.8	0.0	1.6	19.4
France, Tarn	89	100.0		0.0	25.8	114	100.0		0.0	22.8
France, Vendee	159	100.0		0.0	27.7	227	99.6		0.0	13.2
Germany, Brandenburg	721	91.3	3.3	4.6	52.8	759	91.2	3.8	4.9	48.0
Germany, Free State of Saxony	1497	97.0	2.8	0.1	18.9	1564	97.0	2.7	0.1	13.6
Germany, Hamburg	629	90.1	2.4	0.0	18.1	739	93.5	2.2	0.0	17.1
Germany, Mecklenburg-Western Pomerania	406	95.1	3.7	1.2	17.5	506	97.2	2.8	0.0	14.6
Germany, Munich	1113	100.0	0.0	0.0	18.8	1078	100.0	0.0	0.0	16.0
Germany, Northrhine-Westphalia: Munster	726	97.2	1.9	0.1	14.6	930	94.8	2.2	0.1	10.1
Germany, Saarland	336	98.2	0.9	0.0	22.0	334	98.8	1.2	0.0	18.9
Iceland	78	100.0	0.0	0.0	20.5	153	100.0	0.0	0.0	11.1
Ireland	860	99.8	0.0	0.2	19.7	1397	99.8	0.0	0.2	14.4
Italy, Biella Province	76	100.0	0.0	0.0	21.1	83	100.0	0.0	0.0	13.3
Italy, Brescia Province	186	90.3	0.0	0.0	23.1	183	91.3	0.0	0.0	15.3
Italy, Ferrara Province	99	100.0	0.0	0.0	19.2	129	100.0	0.0	0.0	16.3
Italy, Florence and Prato	441	92.5	0.2	0.0	24.3	500	94.2	0.0	0.0	16.8
Italy, Genoa Province	177	96.0	0.0	0.0	26.0	189	93.7	1.6	0.0	23.8
Italy, Macerata Province	63	98.4	1.6	0.0	17.5	79	100.0	0.0	0.0	8.9
Italy, Milan	449	99.6	0.0	0.0		441	100.0	0.0	0.0	
Italy, Modena Province	178	100.0	0.0	0.0	27.5	166	100.0	0.0	0.0	22.9
Italy, Naples	59	100.0	0.0	0.0	35.3	57	96.5	1.8	0.0	21.9
Italy, North East Cancer Surveillance Network	772	100.0	0.0	0.0	25.5	947	99.6	0.0	0.0	18.8
Italy, Parma Province	136	100.0	0.0	0.0	27.2	126	100.0	0.0	0.0	26.2
Italy, Ragusa Province	39	97.4	0.0	0.0	38.5	53	98.1	1.9	0.0	35.8
Italy, Reggio Emilia Province	104	99.0	0.0	0.0	25.0	127	100.0	0.0	0.0	23.6
Italy, Romagna Region	395	100.0	0.0	0.0	21.0	353	98.6	0.8	0.0	15.6
Italy, Salerno Province	148	95.9	0.0	0.0	27.7	154	98.7	0.6	0.0	19.5
Italy, Sassari Province	56	100.0	0.0	0.0	37.5	56	100.0	0.0	0.0	30.4
Italy, Syracuse Province	56	100.0	0.0	0.0	28.6	56	96.4	0.0	0.0	16.1
Italy, Sondrio	36	100.0	0.0	0.0	27.8	72	97.2	0.0	0.0	12.2
Italy, Torino	399	99.0	0.0	0.0	19.8	425	100.0	0.0	0.0	17.6
Italy, Umbria Region	196	83.7	0.0	15.8	36.2	209	85.2	0.0	14.4	24.4
Italy, Varese Province	141	97.2	0.0	0.0	29.8	158	95.6	0.0	0.0	29.1
Italy, Veneto Region	568	98.4	0.2	0.0	20.8	638	98.4	0.3	0.0	16.5

*Important. See note on population page.

Indices of data quality
Melanoma of skin (C43) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	238	95.4	2.1	0.0	59.2	464	97.0	1.3	0.2	44.2
Lithuania	385	100.0	0.0	0.0	39.5	728	100.0	0.0	0.0	34.5
Malta	72	100.0	0.0	0.0	20.8	70	98.6	0.0	0.0	20.0
Norway	2305	99.7	0.0	0.0	28.1	2472	99.8	0.0	0.0	16.3
Poland, Cracow	137	97.1	2.2	0.0	35.6	166	99.4	0.6	0.0	42.9*
Poland, Kielce	151	96.7	2.6	0.0	38.9	190	98.9	0.5	0.5	40.1
Poland, Warsaw City	259	95.4	0.4	0.8	37.8	341	97.7	0.6	0.6	34.3
Portugal, Porto	259	100.0		0.0	36.7	412	100.0		0.0	20.9*
Portugal, South Regional	367	98.9	0.0	0.0	36.2	550	99.3	0.0	0.0	19.5
Russia, St Petersburg	523	95.4		1.1	49.9	1055	95.5		1.1	34.2
Serbia	642	91.3	6.4	0.0	46.1	663	91.6	6.6	0.0	36.3
Slovak Republic	1006	96.9	1.7	1.3	40.3	1191	97.8	0.8	1.3	32.5
Slovenia	595	100.0	0.0	0.0	32.8	686	100.0	0.0	0.0	24.1
Spain, Albacete	55	90.9	3.6	5.5	18.2	57	100.0	0.0	0.0	14.0
Spain, Asturias	152	95.4	2.0	2.0	45.0	272	98.9	0.4	0.0	23.3
Spain, Basque Country	308	99.7	0.0	0.3	22.4	447	99.8	0.2	0.0	18.1
Spain, Canary Islands	181	99.4	0.0	0.6	25.6	242	97.9	1.2	0.4	14.5
Spain, Cuenca	31	93.5	3.2	0.0	48.4	28	96.4	3.6	0.0	32.1
Spain, Girona	114	100.0	0.0	0.0	22.8	142	99.3	0.7	0.0	21.8
Spain, Granada	112	100.0	0.0	0.0	28.6	147	99.3	0.0	0.0	17.0
Spain, Murcia	239	99.2	0.0	0.0	24.7	276	99.3	0.7	0.0	13.4
Spain, Navarra	143	97.9	0.7	0.0	28.0	149	98.7	1.3	0.0	20.1
Spain, Tarragona	113	98.2	0.9	0.0	25.7	146	97.9	2.1	0.0	16.4
Spain, Zaragoza	129	99.2	0.8	0.0	36.4	148	97.3	2.7	0.0	23.6
Sweden	4232	100.0		0.0	25.9	4267	100.0		0.0	17.6
Switzerland, Geneva	269	100.0	0.0	0.0	15.6	293	100.0	0.0	0.0	6.8
Switzerland, Graubunden and Glarus	97	100.0	0.0	0.0	20.6	109	100.0	0.0	0.0	17.4
Switzerland, Neuchatel	104	100.0	0.0	0.0	14.4	97	100.0	0.0	0.0	9.3
Switzerland, St Gall-Appenzell	230	100.0	0.0	0.0	19.1	247	100.0	0.0	0.0	11.7
Switzerland, Ticino	148	98.6	1.4	0.0	23.6	176	99.4	0.6	0.0	10.8
Switzerland, Valais	110	100.0	0.0	0.0	12.7	157	99.4	0.0	0.0	14.0
Switzerland, Vaud	371	99.5	0.5	0.0	15.9	448	99.6	0.4	0.0	9.8
The Netherlands	5348	100.0		0.0	26.5	7164	100.0		0.0	15.2
The Netherlands, Eindhoven	327	100.0		0.0		430	99.8		0.0	
The Netherlands, Maastricht	285	100.0		0.0	22.5	386	100.0		0.0	13.2
UK, East of England Region	882	99.3	0.0	0.3	25.5	1020	98.4	0.0	1.1	20.6
UK, England, Merseyside and Cheshire	580	97.2	0.5	0.7	25.2	831	97.6	0.4	0.2	17.7
UK, England, North Western	988	97.9	0.5	0.4	25.5	1364	98.5	0.1	0.1	18.7
UK, England, Northern and Yorkshire	1570	99.2	0.1	0.1	25.9	2153	99.5	0.2	0.0	18.3
UK, England, Oxford Region	892	99.7	0.0	0.2	21.5	1212	99.1	0.2	0.5	15.1
UK, England, South and Western Regions	2772	93.7	0.2	1.5	26.5	3267	91.8	0.4	1.2	19.9
UK, England, Thames	2977	94.6	3.1	1.2	34.5	3802	94.8	2.8	1.2	26.2
UK, England, Trent	1064	95.8	2.4	0.8	27.5	1345	97.8	1.2	0.1	21.1
UK, England, West Midlands	1303	99.1	0.2	0.0	27.9	1608	99.1	0.5	0.0	21.1
UK, Northern Ireland	395	98.7	0.3	0.0	20.3	607	98.7	0.0	0.0	14.3
UK, Scotland	1471	99.3	0.1	0.0	23.6	1954	99.6	0.1	0.1	16.4
Oceania										
Australia, New South Wales	8624	99.0	0.1	0.0	14.7	6068	99.0	0.2	0.0	10.6
Australia, Northern Territory	127	99.2	0.0	0.0	12.6	100	100.0	0.0	0.0	7.0
Australia, Queensland	6504	99.2	0.1	0.0	11.0	4821	99.0	0.1	0.0	7.6
Australia, South	1658	99.2	0.0	0.4	13.9	1427	99.8	0.0	0.2	8.8
Australia, Tasmania	498	100.0	0.0	0.0	15.9	518	100.0	0.0	0.0	7.7
Australia, Victoria	4434	99.9	0.0	0.0	14.6	3977	99.9	0.0	0.0	10.6
Australia, Western	2658	99.5	0.4	0.0	10.7	1927	99.8	0.1	0.1	8.7
Australian Capital Territory	294	100.0	0.0	0.0	12.9	254	98.8	0.0	0.0	6.7
French Polynesia	15	93.3	6.7	0.0	33.3	20	100.0	0.0	0.0	
New Zealand	4284	99.7	0.2	0.0	17.4	4140	99.6	0.2	0.0	11.1
USA, Hawaii	564	99.8	0.2	0.0	10.1	356	99.7	0.3	0.0	8.7
USA, Hawaii: Chinese	1	100.0	0.0	0.0		4	100.0	0.0	0.0	
USA, Hawaii: Filipino	7	100.0	0.0	0.0		6	100.0	0.0	0.0	
USA, Hawaii: Hawaiian	13	100.0	0.0	0.0		10	100.0	0.0	0.0	
USA, Hawaii: Japanese	22	100.0	0.0	0.0		19	100.0	0.0	0.0	
USA, Hawaii: White	483	99.8	0.2	0.0	8.5	278	99.6	0.4	0.0	7.2

*Important. See note on population page.

Indices of data quality
Breast (C50)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	12	100.0		0.0		414	92.5		0.0	*
Egypt, Gharbiah	31	93.5	6.5	0.0	19.4	2426	94.7	4.5	0.0	13.6
Tunisia, Centre, Sousse	8	100.0		0.0		308	98.4		0.0	*
Uganda, Kyadondo County	15	53.3		0.0		332	68.4		0.3	*
Zimbabwe, Harare: African	9	100.0	0.0	0.0		330	73.6	12.1	0.0	*
America, Central and South										
Argentina, Bahia Blanca	16	93.8	0.0	0.0	162.5	844	91.0	5.0	3.1	41.7
Brazil, Brasilia	13	84.6	0.0	15.4	7.7	2023	88.7	3.1	8.2	20.0
Brazil, Cuiaba	1	100.0	0.0	0.0		423	87.5	6.6	1.4	19.4
Brazil, Goiania	10	100.0	0.0	0.0	20.0	1046	97.2	2.0	0.2	22.3
Brazil, Sao Paulo	211	83.4	3.8	0.0	12.3	22598	82.2	4.6	0.0	22.8
Chile, Valdivia	1	100.0	0.0	0.0	100.0	300	95.3	2.7	0.0	32.0
Colombia, Cali	11	90.9	9.1	0.0	54.5	2139	92.9	2.2	0.0	33.7
Costa Rica	28	89.3	3.6	0.0	64.3	2971	93.0	2.5	0.0	31.8
Ecuador, Quito	9	100.0	0.0	0.0	22.2	966	91.4	3.9	0.0	32.3
France, La Martinique	10	90.0		10.0	12.5	730	98.9		0.7	25.3
Peru, Trujillo	1	100.0	0.0	0.0		332	99.1	0.6	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	541	97.0	0.6	1.8	27.2	69765	96.6	0.6	2.1	25.7
Canada, Alberta	50	96.0	0.0	0.0	40.0	7942	98.6	0.1	0.1	23.9
Canada, British Columbia	93	100.0	0.0	0.0	20.4	12036	98.3	0.6	0.0	24.3
Canada, Manitoba	31	100.0	0.0	0.0	19.4	3532	98.0	1.2	0.0	27.5
Canada, New Brunswick	16	100.0	0.0	0.0	50.0	2309	98.4	0.0	0.0	27.2
Canada, Newfoundland and Labrador	15	100.0		0.0	13.3	1418	99.6		0.1	31.7
Canada, Northwest Territories	0	0.0	0.0	0.0		69	100.0	0.0	0.0	17.4
Canada, Nova Scotia	27	100.0	0.0	0.0	25.9	3165	97.3	0.8	0.3	28.3
Canada, Ontario	279	95.0	1.1	3.6	28.3	35883	95.0	0.7	4.1	25.8
Canada, Prince Edward Island	5	100.0	0.0	0.0		438	97.9	0.0	0.0	29.0
Canada, Saskatchewan	25	100.0	0.0	0.0	24.0	2973	97.7	1.0	0.0	26.1
USA, Alabama	206	96.1	1.5	1.5	17.0	14411	97.6	0.6	1.3	23.8
USA, Alabama: Black	41	97.6	0.0	2.4	24.4	2772	97.2	0.6	1.6	32.6
USA, Alabama: White	161	95.7	1.9	1.2	15.5	11396	97.7	0.6	1.2	22.1
USA, Alaska	9	100.0	0.0	0.0	11.1	1578	98.4	0.0	1.1	15.5
USA, Arizona	237	96.6	1.3	0.8	17.3	15932	98.2	0.7	0.5	21.2
USA, California	710	99.0	0.4	0.3	24.1	103024	98.7	0.6	0.2	20.1
USA, California: Asian and Pacific Islander	42	100.0	0.0	0.0	21.4	8465	99.4	0.2	0.2	16.1
USA, California: Black	67	98.5	1.5	0.0	23.9	5850	98.9	0.4	0.2	29.4
USA, California: Hispanic White	64	98.4	0.0	1.6	28.1	12858	99.3	0.4	0.1	17.6
USA, California: Non-Hispanic White	526	99.0	0.4	0.2	24.3	74632	98.5	0.7	0.3	20.6
USA, California, Greater San Francisco Bay Area	150	98.7	0.7	0.7	16.7	21604	98.8	0.7	0.2	19.1
USA, California, Greater San Francisco Bay Area: Black	16	100.0	0.0	0.0	31.3	1265	98.7	0.6	0.2	31.1
USA, California, Greater San Francisco Bay Area: Chinese	4	100.0	0.0	0.0		1061	99.5	0.2	0.2	
USA, California, Greater San Francisco Bay Area: Filipino	5	100.0	0.0	0.0		727	99.6	0.3	0.1	
USA, California, Greater San Francisco Bay Area: Japanese	2	100.0	0.0	0.0		317	99.4	0.3	0.3	
USA, California, Greater San Francisco Bay Area: Hispanic White	8	87.5	0.0	12.5	50.0	1869	99.2	0.5	0.2	15.1
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	107	99.1	0.9	0.0	11.2	15257	98.6	0.9	0.1	19.7
USA, California, Los Angeles County	196	100.0	0.0	0.0	28.1	26058	99.0	0.4	0.2	20.8
USA, California, Los Angeles County: Black	31	100.0	0.0	0.0	22.6	2796	98.9	0.3	0.3	29.1
USA, California, Los Angeles County: Chinese	2	100.0	0.0	0.0		654	99.4	0.2	0.2	19.4
USA, California, Los Angeles County: Filipino	4	100.0	0.0	0.0	75.0	958	99.6	0.1	0.1	16.0
USA, California, Los Angeles County: Japanese	0	0.0	0.0	0.0		509	99.0	0.4	0.0	16.7
USA, California, Los Angeles County: Korean	3	100.0	0.0	0.0		289	99.7	0.0	0.0	15.9
USA, California, Los Angeles County: Hispanic White	21	100.0	0.0	0.0	33.3	4837	99.4	0.3	0.0	19.4
USA, California, Los Angeles County: Non-Hispanic White	132	100.0	0.0	0.0	28.8	15293	98.8	0.6	0.2	20.7
USA, Colorado	75	97.3	1.3	0.0	16.0	13519	98.2	0.7	0.4	17.6
USA, Connecticut	134	100.0	0.0	0.0	20.9	13411	98.6	0.7	0.1	21.1
USA, Connecticut: Black	8	100.0	0.0	0.0	37.5	791	99.0	0.6	0.0	26.9
USA, Connecticut: White	124	100.0	0.0	0.0	20.2	12386	98.6	0.7	0.1	21.0
USA, District of Columbia	41	100.0	0.0	0.0	4.9	2156	97.0	1.2	1.1	27.2
USA, District of Columbia: Black	18	100.0	0.0	0.0	11.1	1299	96.7	1.3	0.9	33.8
USA, District of Columbia: White	22	100.0	0.0	0.0		754	97.9	1.1	0.9	18.4
USA, Florida	598	98.0	1.5	0.3	20.7	62279	98.2	1.2	0.1	21.0
USA, Florida: Black	56	96.4	3.6	0.0	28.6	4975	97.5	1.6	0.2	30.5
USA, Florida: White	534	98.1	1.3	0.4	20.2	56396	98.3	1.2	0.1	20.4
USA, Georgia	166	98.2	0.6	0.6	24.1	24156	97.6	1.7	0.2	21.1
USA, Georgia: Black	50	100.0	0.0	0.0	16.0	5235	96.9	2.0	0.3	28.7
USA, Georgia: White	115	97.4	0.9	0.9	27.8	18594	97.8	1.6	0.2	19.2
USA, Georgia, Atlanta	60	100.0	0.0	0.0	11.7	8107	98.8	0.7	0.2	20.2
USA, Georgia, Atlanta: Black	27	100.0	0.0	0.0	11.1	2159	98.3	0.8	0.4	27.0
USA, Georgia, Atlanta: White	32	100.0	0.0	0.0	12.5	5757	99.0	0.7	0.1	18.1
USA, Idaho	49	95.9	4.1	0.0	10.2	4044	98.0	1.2	0.1	20.3
USA, Illinois	367	98.1	1.6	0.0	28.6	42991	97.7	1.4	0.2	22.7
USA, Illinois: Black	58	98.3	1.7	0.0	50.0	5240	96.9	2.1	0.3	31.1
USA, Illinois: White	298	98.0	1.7	0.0	25.2	36402	97.7	1.3	0.2	22.1
USA, Indiana	157	96.2	1.3	0.6	43.9	20631	98.1	1.0	0.3	22.4
USA, Iowa	65	98.5	1.5	0.0	21.5	10645	98.1	0.7	0.1	22.6
USA, Kentucky	92	95.7	1.1	1.1	32.6	13794	97.6	0.7	0.7	22.5
USA, Louisiana	158	97.5	1.3	0.6	24.1	14040	98.0	0.7	0.3	25.1
USA, Louisiana: Black	56	98.2	0.0	1.8	28.6	3757	97.3	0.9	0.3	32.3
USA, Louisiana: White	100	97.0	2.0	0.0	22.0	10202	98.3	0.6	0.4	22.4
USA, Louisiana, New Orleans: Black	23	95.7	0.0	4.3	26.1	1199	97.0	1.3	0.4	33.4
USA, Louisiana, New Orleans: White	23	91.3	8.7	0.0	8.7	2240	97.9	0.9	0.3	23.1

*Important. See note on population page.

Indices of data quality
Breast (C50) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	63	95.2	0.0	4.8	14.3	5015	97.4	1.5	0.5	19.9
USA, Massachusetts	184	98.9	0.5	0.5	18.5	25386	97.8	1.0	0.7	20.9
USA, Michigan	310	97.1	1.3	1.6	23.5	34337	97.6	0.9	0.8	21.8
USA, Michigan: Black	42	100.0	0.0	0.0	33.3	3770	97.7	0.7	0.8	30.1
USA, Michigan: White	262	96.9	1.5	1.5	22.5	29961	97.6	0.9	0.8	20.9
USA, Michigan, Detroit	120	100.0	0.0	0.0	32.5	13845	98.5	0.7	0.2	23.9
USA, Michigan, Detroit: Black	29	100.0	0.0	0.0	48.3	2801	98.3	0.5	0.3	31.2
USA, Michigan, Detroit: White	90	100.0	0.0	0.0	27.8	10870	98.5	0.7	0.2	22.1
USA, Missouri	134	98.5	0.0	0.7	25.4	19564	97.8	1.1	0.7	22.9
USA, Missouri: Black	21	100.0	0.0	0.0	28.6	1685	97.7	1.4	0.5	30.6
USA, Missouri: White	111	98.2	0.0	0.9	23.4	17697	97.8	1.0	0.7	22.3
USA, Montana	20	90.0	10.0	0.0	45.0	3222	96.9	2.1	0.2	20.0
USA, NPCR	6798	97.4	1.2	0.9	22.9	764169	97.9	1.0	0.5	21.6
USA, NPCR: Black	760	97.4	1.3	0.7	29.6	66900	97.3	1.3	0.6	30.9
USA, NPCR: White	5823	97.3	1.2	0.9	22.6	668489	97.9	1.0	0.5	21.2
USA, New Jersey	266	98.1	0.8	0.8	30.1	31011	98.1	0.8	0.4	24.1
USA, New Jersey: Black	30	100.0	0.0	0.0	33.3	3104	97.4	0.9	0.5	30.1
USA, New Jersey: White	228	97.8	0.9	0.9	30.3	26794	98.1	0.8	0.4	23.9
USA, New Mexico	33	90.9	9.1	0.0	30.3	5242	97.9	1.1	0.3	20.6
USA, New Mexico: American Indian	0	0.0	0.0	0.0	1.0	160	98.1	0.6	1.3	23.1
USA, New Mexico: Hispanic White	5	100.0	0.0	0.0	40.0	1327	98.6	0.8	0.2	22.7
USA, New Mexico: Non-Hispanic White	28	89.3	10.7	0.0	21.4	3650	97.7	1.2	0.3	19.4
USA, New York State	728	96.2	1.0	1.8	25.8	67708	97.3	0.8	0.8	22.9
USA, New York State: Black	79	94.9	1.3	0.0	31.6	7618	97.3	0.8	0.9	31.3
USA, New York State: White	622	96.5	1.0	1.9	26.2	58020	97.2	0.8	0.9	22.2
USA, Ohio	317	98.7	0.9	0.3	28.4	40806	97.2	1.9	0.5	23.7
USA, Ohio: Black	35	97.1	2.9	0.0	37.1	3548	96.3	2.7	0.7	32.6
USA, Ohio: White	269	98.9	0.7	0.4	28.6	36041	97.3	1.9	0.5	23.6
USA, Oklahoma	76	93.4	0.0	1.3	27.6	12184	93.4	1.5	0.4	21.5
USA, Oregon	82	95.1	3.7	1.2	24.4	13397	98.4	0.8	0.3	18.9
USA, Pennsylvania	477	97.9	0.6	1.3	22.2	49083	98.4	0.6	0.3	23.5
USA, Pennsylvania: Black	45	93.3	2.2	2.2	26.7	3566	98.0	0.7	0.4	33.0
USA, Pennsylvania: White	421	98.3	0.5	1.2	22.3	44441	98.5	0.6	0.3	23.2
USA, Rhode Island	26	92.3	3.8	0.0	19.2	4034	97.7	1.5	0.1	22.2
USA, SEER (9 Registries)	653	99.4	0.6	0.0	21.4	89413	98.7	0.6	0.2	20.5
USA, SEER (9 Registries): Black	83	100.0	0.0	0.0	31.3	7442	98.3	0.7	0.3	29.5
USA, SEER (9 Registries): White	539	99.3	0.7	0.0	20.4	75089	98.6	0.6	0.2	20.2
USA, SEER (14 Registries)	1787	98.7	0.7	0.3	25.2	237378	98.5	0.6	0.3	21.3
USA, SEER (14 Registries): Asian and Pacific Islander	67	100.0	0.0	0.0	17.9	13427	99.4	0.2	0.1	15.6
USA, SEER (14 Registries): Black	229	99.1	0.4	0.4	29.3	19968	98.1	0.7	0.3	30.0
USA, SEER (14 Registries): Hispanic White	85	98.8	0.0	1.2	31.8	17512	99.1	0.4	0.2	17.3
USA, SEER (14 Registries): Non-Hispanic White	1390	98.5	0.8	0.3	24.7	184010	98.4	0.7	0.3	21.4
USA, South Carolina	147	97.3	0.7	0.7	19.7	13371	97.8	0.9	0.9	22.8
USA, South Carolina: Black	42	95.2	0.0	0.0	28.6	2974	97.7	0.9	0.9	33.0
USA, South Carolina: White	103	98.1	1.0	1.0	16.5	10251	97.8	1.0	0.9	20.0
USA, Texas	692	96.5	1.7	1.0	13.3	56843	96.9	1.5	1.0	21.7
USA, Texas: Black	65	93.8	4.6	1.5	27.7	5499	95.8	2.2	1.2	32.3
USA, Texas: White	617	96.9	1.5	0.8	12.0	49755	97.1	1.5	0.9	21.0
USA, Utah	34	100.0	0.0	0.0	23.5	4884	99.1	0.1	0.0	20.9
USA, Vermont	25	100.0	0.0	0.0	24.0	2325	98.2	0.9	0.2	20.4
USA, Washington State	125	99.2	0.8	0.0	29.6	22098	98.8	0.5	0.2	17.0
USA, Washington, Seattle	88	100.0	0.0	0.0	21.6	14728	99.0	0.3	0.2	17.4
USA, West Virginia	46	95.7	4.3	0.0	28.3	6593	97.8	0.8	0.3	23.5
USA, Wisconsin	197	93.9	3.0	1.5	19.8	19401	96.7	1.4	1.0	21.0
Asia										
Bahrain: Bahraini	1	100.0	0.0	0.0	100.0	340	95.9	2.9	0.9	32.9
China, Guangzhou City	9	77.8	0.0	0.0	11.1	1903	85.4	0.0	0.1	26.1*
China, Hong Kong	69	100.0	0.0	0.0	13.0	9411	97.3	0.2	0.0	21.1
China, Jiashan	1	100.0	0.0	0.0		199	99.5	0.0	0.0	*
China, Nangang District, Harbin City	3	100.0	0.0	0.0	1033.3	703	89.2	0.7	1.0	21.5
China, Shanghai	106	87.7	1.9	0.0	13.2	8508	91.4	0.2	0.0	21.5*
China, Zhongshan	13	100.0	0.0	0.0		561	99.5	0.0	0.0	*
Cyprus	16	100.0		0.0	31.3	1444	98.7		0.6	11.3*
India, Chennai (Madras)	43	79.1	7.0	0.0	32.6	2487	80.1	1.6	0.4	26.8
India, New Delhi	133	75.2	4.5	0.0		5839	83.7	1.1	0.0	*
India, Karunagappally	2	100.0	0.0	0.0	50.0	149	95.3	0.0	0.0	5.4
India, Mumbai (Bombay)	93	89.2	2.2	0.0	31.2	5792	85.9	4.8	0.0	24.1
India, Nagpur	64	93.8	0.0	0.0		1133	98.1	0.0	0.0	*
India, Poona	62	80.6	1.6	0.0		1598	87.4	4.3	0.0	*
India, Trivandrum	8	100.0	0.0	0.0		746	98.5	0.4	0.3	*
Israel	191	85.9	4.7	3.7	41.9	16409	92.9	0.9	1.7	27.9
Israel: Jews	181	87.8	4.4	2.8		15456	94.0	0.8	1.3	
Israel: Non-Jews	6	83.3	16.7	0.0		686	95.2	0.4	1.2	
Japan, Aichi Prefecture	13	100.0	0.0	0.0	23.1	1309	93.1	5.3	1.6	22.4
Japan, Fukui Prefecture	8	87.5	12.5	0.0	37.5	1102	94.6	1.6	0.6	23.4
Japan, Hiroshima	5	100.0	0.0	0.0	20.0	1774	97.1	1.0	0.0	19.6
Japan, Miyagi Prefecture	22	95.5	4.5	0.0	18.2	3966	93.0	2.7	0.0	21.4
Japan, Nagasaki Prefecture	18	88.9	5.6	0.0	22.2	2481	96.6	1.2	0.2	22.7
Japan, Osaka Prefecture	72	88.9	2.8	0.0	25.0	11103	90.1	2.5	0.0	30.5
Japan, Yamagata Prefecture	15	80.0	13.3	0.0	40.0	1882	94.6	2.1	0.3	23.5

*Important. See note on population page.

Indices of data quality
Breast (C50) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	201	84.6	12.4	0.0	30.8	26441	95.8	1.3	0.0	18.4
Korea, Busan	15	80.0	13.3	0.0	20.0	2540	95.6	1.3	0.0	21.0
Korea, Daegu	11	90.9	9.1	0.0	18.2	1857	97.5	0.8	0.1	15.5
Korea, Daejeon	4	100.0	0.0	0.0	25.0	968	97.1	1.0	0.0	16.1
Korea, Gwangju	4	75.0	25.0	0.0	50.0	803	93.8	1.0	0.0	19.9
Korea, Incheon	13	100.0	0.0	0.0	30.8	1756	96.1	1.1	0.0	18.9
Korea, Jejudo	0	0.0	0.0	0.0	1.5	163	92.6	1.2	0.0	23.0
Korea, Seoul	76	48.7	48.7	0.0	29.6	8501	95.4	1.8	0.0	16.2
Korea, Ulsan	4	75.0	25.0	0.0	25.0	491	97.6	0.4	0.0	14.9
Kuwait: Kuwaitis	6	100.0	0.0	0.0		551	97.1	2.2	0.4	
Kuwait: Non-Kuwaitis	12	100.0	0.0	0.0		519	97.3	2.5	0.0	
Malaysia, Penang	8	100.0	0.0	0.0	62.5	1055	94.3	1.1	0.0	20.4
Malaysia, Sarawak	6	100.0	0.0	0.0		845	93.3	3.4	0.4	13.6
Oman: Omani	15	93.3	0.0	0.0		265	97.0	0.0	0.0	*
Pakistan, South Karachi	24	100.0	0.0	0.0		1497	97.3	0.0	0.0	*
Philippines, Manila	83	65.1	12.0	0.0		5148	86.4	5.5	0.0	*
Singapore	22	95.5	0.0	0.0	50.0	5335	99.1	0.0	0.0	25.5
Singapore: Chinese	18	94.4	0.0	0.0		4553	99.1	0.0	0.0	
Singapore: Indian	2	100.0	0.0	0.0		270	99.6	0.0	0.0	
Singapore: Malay	2	100.0	0.0	0.0		512	99.0	0.0	0.0	
Thailand, Chiang Mai	13	100.0	0.0	0.0	15.4	959	96.5	0.1	0.0	4.5*
Thailand, Lampang	3	100.0	0.0	0.0	233.3	538	89.6	1.9	0.0	34.2*
Thailand, Songkhla	6	100.0	0.0	0.0	2333.3	593	94.6	3.0	0.2	17.0
Turkey, Antalya	16	93.8	0.0	0.0		940	92.0	1.1	3.3	14.8*
Turkey, Izmir	68	97.1	0.0	1.5	35.3	3071	96.8	0.0	1.2	17.3*
Europe										
Austria	218	95.0	4.6	0.0	34.9	23551	95.3	3.9	0.1	34.2
Austria, Tyrol	16	100.0	0.0	0.0	18.8	1905	97.5	1.3	0.0	30.1
Austria, Vorarlberg	9	100.0	0.0	0.0		998	93.8	4.7	0.6	26.9
Belarus	108	95.4		0.0	64.8	14046	95.3		0.0	42.7*
Belgium, Antwerp	63	100.0		0.0		6288	99.0		0.0	*
Belgium, Flanders	207	89.9		9.2	27.1	19351	94.6		4.6	28.9
Bulgaria	163	78.5	4.9	0.0	35.6	16212	84.4	4.2	0.1	34.1*
Croatia	163	63.8	5.5	30.7	50.9	10984	78.1	4.1	17.8	37.6
Czech Republic	213	88.7	5.6	2.8	44.6	24587	90.6	2.6	2.6	39.1
Denmark	131	97.7	0.0	2.3	36.6	18687	96.6	0.2	1.6	36.1
Estonia	23	87.0	0.0	0.0	47.8	2828	95.0	0.2	0.0	45.0
Finland	73	100.0	0.0	0.0	21.9	17864	99.1	0.2	0.1	22.9
France, Bas-Rhin	20	100.0		0.0	55.0	3610	98.9		0.0	21.7
France, Calvados	25	100.0		0.0	28.0	2268	98.7		0.0	27.2
France, Doubs	12	100.0		0.0	41.7	1513	99.3		0.1	28.7
France, Haut-Rhin	13	100.0		0.0	69.2	2547	98.7		0.4	23.4
France, Herault	30	100.0		0.0	53.3	3514	98.9		0.0	24.3
France, Isere	35	100.0		0.0	34.3	3675	98.9		0.2	22.5
France, Loire-Atlantique	31	96.8		0.0	41.9	4278	99.7		0.0	25.6
France, Manche	13	100.0		0.0	76.9	1599	98.7		0.0	31.7
France, Somme	20	100.0	0.0	0.0	40.0	1825	98.0	0.1	0.3	30.9
France, Tarn	9	100.0		0.0	55.6	1212	98.6		0.0	27.3
France, Vendee	27	100.0		0.0	40.7	1929	98.7		0.9	29.5
Germany, Brandenburg	48	89.6	10.4	0.0	70.8	7317	91.5	5.8	1.3	72.4
Germany, Free State of Saxony	120	93.3	5.8	0.8	19.2	13711	94.2	4.3	0.1	24.8
Germany, Hamburg	59	72.9	10.2	0.0	52.5	6113	87.6	5.0	0.0	34.9
Germany, Mecklenburg-Western Pomerania	33	84.8	15.2	0.0	21.2	5075	92.7	6.3	0.0	22.9
Germany, Munich	54	88.9	7.4	0.0	57.4	8997	93.0	4.2	0.0	29.3
Germany, Northrhine-Westphalia: Munster	77	84.4	9.1	0.0	77.9	8671	90.6	4.0	0.5	33.5
Germany, Saarland	29	96.6	3.4	0.0	37.9	3965	97.0	1.8	0.0	35.3
Iceland	7	100.0	0.0	0.0	57.1	756	99.7	0.1	0.0	23.0
Ireland	63	92.1	3.2	1.6	33.3	9637	96.2	1.5	0.4	33.1
Italy, Biella Province	8	100.0	0.0	0.0	25.0	800	93.8	1.4	1.1	30.9
Italy, Brescia Province	26	92.3	0.0	0.0	15.4	2622	92.1	1.6	0.0	22.0
Italy, Ferrara Province	13	100.0	0.0	0.0	7.7	1833	96.9	0.5	0.0	26.7
Italy, Florence and Prato	49	98.0	0.0	0.0	10.2	4932	95.2	0.6	0.0	25.7
Italy, Genoa Province	28	92.9	0.0	0.0	17.9	2598	91.8	1.3	0.0	29.2
Italy, Macerata Province	7	100.0	0.0	0.0		575	95.8	1.0	0.0	33.4
Italy, Milan	65	90.8	0.0	0.0	20.0	5368	95.0	1.2	0.0	29.6
Italy, Modena Province	25	100.0	0.0	0.0	28.0	2808	99.3	0.0	0.0	24.0
Italy, Naples	4	100.0	0.0	0.0		1058	91.9	1.0	0.0	27.8
Italy, North East Cancer Surveillance Network	71	97.2	1.4	0.0	36.6	8570	97.0	0.3	0.0	30.0
Italy, Parma Province	15	100.0	0.0	0.0	6.7	1840	98.4	0.3	0.0	26.8
Italy, Ragusa Province	6	100.0	0.0	0.0	50.0	748	94.4	2.1	0.7	32.5
Italy, Reggio Emilia Province	18	100.0	0.0	0.0	22.2	1995	96.7	0.1	0.0	26.2
Italy, Romagna Region	36	94.4	0.0	0.0	16.7	4313	96.4	0.6	0.0	24.6
Italy, Salerno Province	23	73.9	0.0	0.0	26.1	1971	82.3	0.7	0.0	30.1
Italy, Sassari Province	10	100.0	0.0	0.0	30.0	1415	96.7	1.1	0.3	29.3
Italy, Syracuse Province	8	100.0	0.0	0.0	50.0	831	95.3	0.8	1.2	26.0
Italy, Sondrio	5	100.0	0.0	0.0	25.0	667	96.9	0.1	0.0	24.6
Italy, Torino	37	97.3	0.0	0.0	18.9	4074	96.4	0.8	0.1	29.0
Italy, Umbria Region	25	92.0	0.0	8.0	44.0	3155	93.0	0.3	5.3	28.1
Italy, Varese Province	28	100.0	0.0	0.0	14.3	2088	95.0	0.3	0.0	23.3
Italy, Veneto Region	48	95.8	0.0	0.0	39.6	6894	96.7	0.8	0.0	26.0

*Important. See note on population page.

Indices of data quality
Breast (C50) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	32	87.5	3.1	0.0	50.0	4645	91.4	2.6	0.1	44.8
Lithuania	60	96.7	0.0	0.0	46.7	6192	92.3	0.7	0.0	43.6
Malta	11	100.0	0.0	0.0	27.3	1027	96.1	1.0	0.0	38.8
Norway	79	100.0	0.0	0.0	25.3	12521	98.4	0.3	0.0	29.4
Poland, Cracow	16	75.0	12.5	0.0	39.1	1840	92.7	1.8	0.0	34.0*
Poland, Kielce	17	76.5	0.0	5.9	44.1	2083	90.1	2.0	2.4	38.0
Poland, Warsaw City	24	91.7	0.0	0.0	66.7	4068	95.4	0.2	0.3	33.7
Portugal, Porto	78	97.4		0.0		5924	98.7		0.1	29.9*
Portugal, South Regional	67	100.0	0.0	0.0	55.2	7428	90.6	8.0	0.0	33.0
Russia, St Petersburg	72	86.1		2.8	59.7	10556	82.0		2.1	53.5
Serbia	230	88.7	3.9	0.0	31.3	10774	88.5	4.7	0.2	37.1
Slovak Republic	88	89.8	8.0	0.0	64.8	9223	92.0	5.1	0.2	42.4
Slovenia	42	97.6	2.4	0.0	52.4	4910	98.0	1.4	0.6	39.5
Spain, Albacete	4	75.0	25.0	0.0	75.0	517	97.9	1.0	0.2	35.2
Spain, Asturias	29	100.0	0.0	0.0	17.2	2675	95.7	1.9	0.9	35.0
Spain, Basque Country	49	98.0	2.0	0.0	32.7	4454	97.0	1.7	0.4	29.3
Spain, Canary Islands	27	96.3	0.0	3.7	50.9	2998	97.2	1.5	0.5	30.6
Spain, Cuenca	4	100.0	0.0	0.0		389	92.8	4.4	0.5	28.3
Spain, Girona	9	100.0	0.0	0.0	33.3	1460	97.0	1.9	0.3	29.7
Spain, Granada	16	100.0	0.0	0.0	37.5	1651	98.4	0.4	0.0	25.5
Spain, Murcia	24	100.0	0.0	0.0	29.2	2282	95.4	2.1	0.4	31.7
Spain, Navarra	15	100.0	0.0	0.0	26.7	1447	98.5	0.8	0.0	24.7
Spain, Tarragona	11	90.9	9.1	0.0	72.7	1232	95.8	2.6	0.1	29.2
Spain, Zaragoza	18	100.0	0.0	0.0	38.9	1998	96.3	1.5	0.4	34.8
Sweden	163	100.0		0.0	34.4	29643	99.8		0.0	25.4
Switzerland, Geneva	11	100.0	0.0	0.0	27.3	1759	97.8	0.2	0.0	19.2
Switzerland, Graubunden and Glarus	5	100.0	0.0	0.0		675	97.3	0.0	0.0	33.2
Switzerland, Neuchatel	6	100.0	0.0	0.0	16.7	653	98.3	0.3	0.0	28.6
Switzerland, St Gall-Appenzell	10	100.0	0.0	0.0		1395	97.9	0.9	0.0	32.3
Switzerland, Ticino	9	100.0	0.0	0.0	22.2	1130	98.3	1.0	0.0	30.0
Switzerland, Valais	6	100.0	0.0	0.0	66.7	975	99.3	0.0	0.0	23.0
Switzerland, Vaud	19	100.0	0.0	0.0	42.1	2547	98.8	0.8	0.0	18.8
The Netherlands	358	100.0		0.0	38.8	56440	99.4		0.0	31.1
The Netherlands, Eindhoven	19	100.0		0.0		3486	99.6		0.0	
The Netherlands, Maastricht	21	100.0		0.0	28.6	3193	99.1		0.0	28.8
UK, East of England Region	58	100.0	0.0	0.0	31.0	9817	95.8	0.1	0.5	31.7
UK, England, Merseyside and Cheshire	61	90.2	3.3	0.0	27.9	8126	92.8	2.0	0.3	32.9
UK, England, North Western	81	90.1	1.2	1.2	34.6	13745	93.1	0.9	0.9	32.8
UK, England, Northern and Yorkshire	156	94.9	0.6	0.0	28.2	21597	89.8	0.8	0.0	31.6
UK, England, Oxford Region	60	95.0	0.0	5.0	30.0	8802	95.1	0.6	3.0	31.7
UK, England, South and Western Regions	245	75.1	0.8	5.3	20.0	27384	87.2	0.9	4.0	33.0
UK, England, Thames	320	90.9	3.8	1.9	29.1	44467	89.2	4.4	2.5	33.5
UK, England, Trent	107	84.1	9.3	0.9	45.8	16611	91.6	4.0	0.8	31.9
UK, England, West Midlands	154	95.5	1.9	0.0	33.8	17740	96.1	1.0	0.0	32.8
UK, Northern Ireland	37	89.2	0.0	0.0	13.5	4688	96.4	0.7	0.0	31.2
UK, Scotland	77	98.7	0.0	0.0	39.0	17137	96.4	0.3	0.3	32.9
Oceania										
Australia, New South Wales	160	97.5	0.0	0.0	23.8	19216	97.9	0.5	0.0	22.1
Australia, Northern Territory	3	100.0	0.0	0.0		277	98.9	0.4	0.0	23.8
Australia, Queensland	75	94.7	1.3	0.0	16.0	10449	97.9	0.6	0.1	20.7
Australia, South	37	100.0	0.0	0.0	24.3	4952	98.3	0.0	0.2	24.2
Australia, Tasmania	6	100.0	0.0	0.0	55.6	1405	98.9	0.1	0.0	25.1
Australia, Victoria	15	100.0	0.0	0.0	226.7	14383	96.9	1.2	0.8	24.0
Australia, Western	33	100.0	0.0	0.0	15.2	5228	98.6	0.7	0.0	21.2
Australian Capital Territory	7	100.0	0.0	0.0	28.6	906	97.9	0.1	0.0	22.3
French Polynesia	3	66.7	33.3	0.0	66.7	339	92.6	4.1	0.6	28.3
New Zealand	74	95.9	0.0	0.0	20.3	11339	97.3	1.0	0.1	27.7
USA, Hawaii	25	100.0	0.0	0.0	16.0	4078	99.5	0.1	0.1	15.7
USA, Hawaii: Chinese	3	100.0	0.0	0.0		241	100.0	0.0	0.0	
USA, Hawaii: Filipino	0	0.0	0.0	0.0		433	100.0	0.0	0.0	
USA, Hawaii: Hawaiian	5	100.0	0.0	0.0		667	99.3	0.3	0.1	
USA, Hawaii: Japanese	4	100.0	0.0	0.0		1311	99.9	0.0	0.0	
USA, Hawaii: White	12	100.0	0.0	0.0	16.7	1184	98.9	0.3	0.3	17.5

*Important. See note on population page.

Indices of data quality
Cervix uteri (C53)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif						229	95.2		0.0	*
Egypt, Gharbiah						109	98.2	0.9	0.0	22.9
Tunisia, Centre, Sousse						72	100.0		0.0	*
Uganda, Kyadondo County						649	59.2		0.0	*
Zimbabwe, Harare: African						818	72.5	7.0	0.0	*
America, Central and South										
Argentina, Bahia Blanca						139	95.0	2.9	2.2	26.6
Brazil, Brasilia						1154	91.2	2.2	6.3	15.5
Brazil, Cuiaba						302	89.1	5.6	2.6	17.5
Brazil, Goiania						711	98.5	1.1	0.1	20.1
Brazil, Sao Paulo						6028	85.6	4.1	0.0	24.9
Chile, Valdivia						216	92.6	2.3	0.0	44.0
Colombia, Cali						1314	93.8	2.1	0.0	34.1
Costa Rica						1655	89.2	3.3	0.0	39.5
Ecuador, Quito						637	93.4	3.9	0.0	31.2
France, La Martinique						220	92.3		1.8	26.7
Peru, Trujillo						498	96.2	2.6	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)						5389	96.3	0.3	2.8	29.4
Canada, Alberta						797	99.0	0.0	0.0	24.1
Canada, British Columbia						828	98.6	0.4	0.0	27.1
Canada, Manitoba						267	99.3	0.4	0.0	31.5
Canada, New Brunswick						191	99.5	0.0	0.0	28.3
Canada, Newfoundland and Labrador						138	98.6		0.0	44.2
Canada, Northwest Territories						6	100.0	0.0	0.0	
Canada, Nova Scotia						295	99.0	0.7	0.0	34.9
Canada, Ontario						2623	93.4	0.4	5.7	29.7
Canada, Prince Edward Island						30	100.0	0.0	0.0	30.0
Canada, Saskatchewan						214	99.1	0.5	0.0	35.5
USA, Alabama						1157	96.1	0.7	2.1	34.7
USA, Alabama: Black						391	94.9	1.3	2.6	43.0
USA, Alabama: White						723	97.2	0.4	1.2	32.0
USA, Alaska						119	97.5	0.0	1.7	21.0
USA, Arizona						965	96.8	0.7	1.9	33.6
USA, California						8109	98.8	0.3	0.5	28.0
USA, California: Asian and Pacific Islander						909	99.0	0.3	0.4	29.4
USA, California: Black						532	99.4	0.2	0.0	44.0
USA, California: Hispanic White						2990	99.2	0.2	0.2	20.5
USA, California: Non-Hispanic White						3524	98.2	0.5	0.7	32.5
USA, California, Greater San Francisco Bay Area						1263	99.3	0.2	0.3	24.6
USA, California, Greater San Francisco Bay Area: Black						112	100.0	0.0	0.0	40.2
USA, California, Greater San Francisco Bay Area: Chinese						59	98.3	0.0	1.7	
USA, California, Greater San Francisco Bay Area: Filipino						61	98.4	0.0	1.6	
USA, California, Greater San Francisco Bay Area: Japanese						13	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Hispanic White						295	99.7	0.3	0.0	14.6
USA, California, Greater San Francisco Bay Area: Non-Hispanic White						581	99.1	0.2	0.2	26.5
USA, California, Los Angeles County						2769	99.3	0.3	0.2	28.5
USA, California, Los Angeles County: Black						262	98.9	0.4	0.0	51.1
USA, California, Los Angeles County: Chinese						64	100.0	0.0	0.0	43.8
USA, California, Los Angeles County: Filipino						91	100.0	0.0	0.0	27.5
USA, California, Los Angeles County: Japanese						23	95.7	4.3	0.0	34.8
USA, California, Los Angeles County: Korean						69	98.6	1.4	0.0	15.9
USA, California, Los Angeles County: Hispanic White						1404	99.5	0.1	0.3	21.4
USA, California, Los Angeles County: Non-Hispanic White						740	99.2	0.5	0.0	35.5
USA, Colorado						799	97.4	1.1	0.6	25.2
USA, Connecticut						700	98.6	0.7	0.6	26.7
USA, Connecticut: Black						82	97.6	1.2	1.2	30.5
USA, Connecticut: White						600	98.7	0.7	0.5	26.7
USA, District of Columbia						194	94.3	1.5	4.1	33.5
USA, District of Columbia: Black						151	98.7	1.3	0.0	35.8
USA, District of Columbia: White						23	91.3	4.3	4.3	39.1
USA, Florida						4771	97.9	1.6	0.2	30.4
USA, Florida: Black						854	97.3	2.1	0.5	39.5
USA, Florida: White						3794	98.0	1.5	0.2	29.0
USA, Georgia						2098	97.5	1.7	0.4	28.7
USA, Georgia: Black						662	97.9	1.5	0.3	33.8
USA, Georgia: White						1371	97.4	1.8	0.5	27.0
USA, Georgia, Atlanta						647	98.8	0.6	0.3	24.3
USA, Georgia, Atlanta: Black						247	98.8	0.8	0.4	26.3
USA, Georgia, Atlanta: White						353	99.2	0.3	0.3	23.8
USA, Idaho						216	96.8	3.2	0.0	33.8
USA, Illinois						3401	97.3	1.5	0.7	30.6
USA, Illinois: Black						775	97.2	1.5	0.9	35.7
USA, Illinois: White						2492	97.2	1.6	0.6	29.8
USA, Indiana						1410	97.8	1.0	0.8	31.4
USA, Iowa						651	98.5	1.1	0.2	30.4
USA, Kentucky						1245	96.3	1.2	1.3	28.2
USA, Louisiana						1244	98.6	0.4	0.5	29.7
USA, Louisiana: Black						513	98.6	0.4	0.2	35.7
USA, Louisiana: White						711	98.5	0.4	0.7	25.7
USA, Louisiana, New Orleans: Black						151	97.4	0.7	0.7	37.1
USA, Louisiana, New Orleans: White						126	99.2	0.8	0.0	18.3

*Important. See note on population page.

Indices of data quality
Cervix uteri (C53) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine						278	98.2	0.0	1.1	29.1
USA, Massachusetts						1224	98.6	0.6	0.7	28.2
USA, Michigan						2193	97.3	0.5	1.6	29.3
USA, Michigan: Black						425	97.6	0.5	1.2	30.1
USA, Michigan: White						1690	97.0	0.5	1.7	29.6
USA, Michigan, Detroit						1013	97.9	0.5	0.8	28.3
USA, Michigan, Detroit: Black						337	97.9	0.6	0.6	28.8
USA, Michigan, Detroit: White						645	97.8	0.5	0.9	28.5
USA, Missouri						1390	97.8	1.1	0.7	30.8
USA, Missouri: Black						216	97.7	0.9	0.9	42.6
USA, Missouri: White						1146	97.7	1.1	0.7	29.1
USA, Montana						206	95.1	3.4	1.0	27.2
USA, NPCR						55469	97.4	1.1	0.9	30.0
USA, NPCR: Black						8693	97.1	1.2	1.0	37.7
USA, NPCR: White						43436	97.4	1.1	0.9	29.4
USA, New Jersey						2339	97.4	0.7	1.5	29.2
USA, New Jersey: Black						466	96.8	0.2	3.0	33.9
USA, New Jersey: White						1759	97.5	0.9	1.1	28.5
USA, New Mexico						394	94.9	1.5	1.3	28.2
USA, New Mexico: American Indian						27	88.9	0.0	11.1	51.9
USA, New Mexico: Hispanic White						150	95.3	1.3	0.7	28.0
USA, New Mexico: Non-Hispanic White						201	95.0	2.0	0.5	25.9
USA, New York State						4976	96.6	0.7	1.3	30.2
USA, New York State: Black						1199	96.5	1.1	1.3	33.2
USA, New York State: White						3533	96.6	0.6	1.4	29.5
USA, Ohio						2569	96.8	2.0	0.8	34.0
USA, Ohio: Black						302	94.0	4.6	0.7	50.0
USA, Ohio: White						2191	97.1	1.7	0.8	32.7
USA, Oklahoma						919	93.6	1.3	1.3	31.7
USA, Oregon						719	98.6	0.3	0.3	28.1
USA, Pennsylvania						3020	98.1	0.5	0.6	32.7
USA, Pennsylvania: Black						415	96.9	0.2	1.4	40.0
USA, Pennsylvania: White						2487	98.4	0.6	0.4	32.4
USA, Rhode Island						215	99.5	0.0	0.0	31.6
USA, SEER (9 Registries)						5553	98.3	0.6	0.5	27.0
USA, SEER (9 Registries): Black						826	98.4	0.7	0.5	29.9
USA, SEER (9 Registries): White						4075	98.3	0.7	0.4	26.7
USA, SEER (14 Registries)						17731	98.3	0.5	0.7	28.2
USA, SEER (14 Registries): Asian and Pacific Islander						1395	99.1	0.3	0.4	28.6
USA, SEER (14 Registries): Black						2360	98.2	0.6	0.9	34.7
USA, SEER (14 Registries): Hispanic White						3732	98.7	0.3	0.5	20.1
USA, SEER (14 Registries): Non-Hispanic White						9923	98.0	0.7	0.7	30.3
USA, South Carolina						1113	97.8	1.2	0.8	32.6
USA, South Carolina: Black						399	97.7	1.0	0.5	41.9
USA, South Carolina: White						688	97.8	1.2	1.0	27.6
USA, Texas						5333	95.3	2.2	2.3	31.3
USA, Texas: Black						712	95.5	2.1	2.2	44.5
USA, Texas: White						4439	95.3	2.2	2.2	29.9
USA, Utah						311	99.0	0.3	0.0	22.5
USA, Vermont						153	97.4	2.6	0.0	28.1
USA, Washington State						1102	98.3	0.7	0.5	27.0
USA, Washington, Seattle						734	98.4	0.7	0.4	28.6
USA, West Virginia						591	97.8	1.4	0.2	34.5
USA, Wisconsin						1247	97.1	1.8	0.8	22.9
Asia										
Bahrain: Bahraini						38	100.0	0.0	0.0	36.8
China, Guangzhou City						298	88.9	0.0	0.0	28.9*
China, Hong Kong						2251	97.4	0.1	0.0	30.3
China, Jiashan						33	100.0	0.0	0.0	*
China, Nangang District, Harbin City						86	89.5	0.0	1.2	36.0
China, Shanghai						722	87.1	0.4	0.0	41.7*
China, Zhongshan						133	100.0	0.0	0.0	*
Cyprus						101	97.0		0.0	19.8*
India, Chennai (Madras)						2550	88.4	1.1	0.4	27.9
India, New Delhi						3653	81.2	0.8	0.0	*
India, Karunagappally						93	86.0	5.4	0.0	4.3
India, Mumbai (Bombay)						3121	87.5	4.1	0.1	23.1
India, Nagpur						741	97.4	0.0	0.0	*
India, Poona						1138	88.8	3.3	0.0	*
India, Trivandrum						284	91.9	0.0	0.4	*
Israel						911	93.9	1.3	1.8	29.8
Israel: Jews						853	94.8	1.3	1.3	
Israel: Non-Jews						44	93.2	0.0	4.5	
Japan, Aichi Prefecture						229	90.8	6.6	2.6	33.2
Japan, Fukui Prefecture						204	93.6	2.0	1.0	42.2
Japan, Hiroshima						500	97.8	0.6	0.0	19.6
Japan, Miyagi Prefecture						512	87.7	4.5	0.0	31.4
Japan, Nagasaki Prefecture						651	96.3	2.0	0.8	26.9
Japan, Osaka Prefecture						1963	87.3	6.4	0.0	42.3
Japan, Yamagata Prefecture						313	95.2	3.8	0.3	26.8

*Important. See note on population page.

Indices of data quality
Cervix uteri (C53) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea						17576	94.7	0.9	0.0	18.5
Korea, Busan						1812	93.4	1.3	0.0	22.5
Korea, Daegu						1169	98.3	0.4	0.0	16.2
Korea, Daejeon						696	97.4	0.3	0.0	13.2
Korea, Gwangju						540	98.5	0.2	0.0	12.6
Korea, Incheon						1375	94.9	0.7	0.0	16.9
Korea, Jejudo						141	97.2	0.0	0.0	12.8
Korea, Seoul						5033	92.3	2.0	0.0	15.3
Korea, Ulsan						283	91.9	0.0	0.0	19.4
Kuwait: Kuwaitis						58	96.6	3.4	0.0	
Kuwait: Non-Kuwaitis						90	98.9	1.1	0.0	
Malaysia, Penang						416	95.7	0.5	0.0	18.0
Malaysia, Sarawak						671	94.2	2.8	0.4	20.1
Oman: Omani						108	96.3	0.0	0.0	*
Pakistan, South Karachi						159	98.7	0.0	0.0	*
Philippines, Manila						1966	90.0	3.3	0.0	*
Singapore						1023	98.8	0.0	0.0	41.4
Singapore: Chinese						910	98.8	0.0	0.0	
Singapore: Indian						35	100.0	0.0	0.0	
Singapore: Malay						78	98.7	0.0	0.0	
Thailand, Chiang Mai						1297	97.5	0.0	0.0	*
Thailand, Lampang						546	93.6	0.7	0.0	52.7*
Thailand, Songkhla						573	94.8	1.9	0.0	23.2
Turkey, Antalya						136	92.6	0.7	2.9	11.0*
Turkey, Izmir						467	96.6	0.0	1.1	12.6*
Europe										
Austria						2644	96.6	3.0	0.1	29.7
Austria, Tyrol						285	97.9	1.4	0.0	26.3
Austria, Vorarlberg						82	93.9	3.7	1.2	22.0
Belarus						4015	99.0		0.0	50.6*
Belgium, Antwerp						419	99.0		0.0	*
Belgium, Flanders						1503	93.4		6.1	30.2
Bulgaria						5148	94.2	3.0	0.0	35.0*
Croatia						1920	87.6	1.4	10.9	25.8
Czech Republic						5414	97.4	1.1	0.8	36.0
Denmark						2019	97.2	0.2	1.9	38.1
Estonia						771	98.2	0.0	0.0	42.4
Finland						788	99.0	0.3	0.3	39.6
France, Bas-Rhin						312	99.0		1.0	24.0
France, Calvados						165	100.0		0.0	26.1
France, Doubs						135	100.0		0.0	24.4
France, Haut-Rhin						200	100.0		0.0	25.0
France, Herault						328	99.7		0.0	17.4
France, Isere						237	99.6		0.4	20.7
France, Loire-Atlantique						240	100.0		0.0	19.2
France, Manche						149	100.0		0.0	21.5
France, Somme						161	98.1	0.0	0.6	21.1
France, Tarn						100	100.0		0.0	15.0
France, Vendee						110	100.0		0.0	20.9
Germany, Brandenburg						1102	88.9	7.8	2.9	83.3
Germany, Free State of Saxony						1937	94.8	4.4	0.2	31.9
Germany, Hamburg						539	88.1	3.5	0.0	36.9
Germany, Mecklenburg-Western Pomerania						761	94.0	5.8	0.1	31.4
Germany, Munich						714	91.5	3.6	0.0	30.0
Germany, Northrhine-Westphalia: Munster						747	90.0	5.4	0.5	36.9
Germany, Saarland						426	98.8	0.5	0.0	33.6
Iceland						74	100.0	0.0	0.0	29.7
Ireland						930	97.7	0.4	0.6	39.4
Italy, Biella Province						64	100.0	0.0	0.0	15.6
Italy, Brescia Province						171	90.1	1.8	0.0	17.5
Italy, Ferrara Province						105	97.1	0.0	0.0	10.5
Italy, Florence and Prato						276	96.4	0.4	0.0	14.9
Italy, Genoa Province						195	93.3	0.5	0.0	15.9
Italy, Macerata Province						33	97.0	0.0	0.0	12.1
Italy, Milan						283	96.1	0.4	0.0	20.1
Italy, Modena Province						172	100.0	0.0	0.0	14.5
Italy, Naples						83	91.6	0.0	0.0	
Italy, North East Cancer Surveillance Network						585	98.5	0.3	0.0	20.0
Italy, Parma Province						106	99.1	0.0	0.0	6.6
Italy, Ragusa Province						65	98.5	0.0	0.0	10.8
Italy, Reggio Emilia Province						113	98.2	0.0	0.0	15.0
Italy, Romagna Region						312	98.1	0.3	0.0	12.8
Italy, Salerno Province						183	89.1	0.5	0.0	12.6
Italy, Sassari Province						79	96.2	0.0	0.0	11.4
Italy, Syracuse Province						63	93.7	0.0	1.6	6.3
Italy, Sondrio						46	97.8	0.0	0.0	21.7
Italy, Torino						247	97.2	1.6	0.0	24.7
Italy, Umbria Region						179	90.5	0.0	8.4	29.1
Italy, Varese Province						112	98.2	0.0	0.0	16.1
Italy, Veneto Region						355	98.3	0.0	0.0	12.4

*Important. See note on population page.

Indices of data quality
Cervix uteri (C53) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia						980	96.3	1.4	0.3	53.6
Lithuania						2400	93.1	0.5	0.0	50.3
Malta						54	98.1	0.0	0.0	50.0
Norway						1524	99.6	0.0	0.0	35.6
Poland, Cracow						502	95.8	2.0	0.0	44.1*
Poland, Kielce						702	92.7	0.7	3.7	42.4
Poland, Warsaw City						871	98.7	0.0	0.2	50.7
Portugal, Porto						1356	92.9		0.0	21.5*
Portugal, South Regional						1033	96.6	3.0	0.0	33.5
Russia, St Petersburg						1874	97.6		0.0	60.2
Serbia						4149	91.2	1.9	0.3	33.4
Slovak Republic						2664	96.7	2.8	0.2	39.3
Slovenia						1007	99.7	0.3	0.0	26.2
Spain, Albacete						52	96.2	0.0	0.0	32.7
Spain, Asturias						323	97.8	1.2	0.0	37.2
Spain, Basque Country						324	99.4	0.3	0.0	28.4
Spain, Canary Islands						415	98.1	1.0	0.7	33.7
Spain, Cuenca						36	100.0	0.0	0.0	25.0
Spain, Girona						132	96.2	1.5	0.0	27.3
Spain, Granada						167	98.8	0.0	0.0	34.1
Spain, Murcia						244	95.9	0.8	0.8	28.7
Spain, Navarra						86	100.0	0.0	0.0	25.6
Spain, Tarragona						129	99.2	0.8	0.0	21.7
Spain, Zaragoza						141	97.2	0.7	0.0	31.9
Sweden						2235	99.8		0.0	35.6
Switzerland, Geneva						66	100.0	0.0	0.0	28.8
Switzerland, Graubunden and Glarus						58	100.0	0.0	0.0	31.0
Switzerland, Neuchatel						22	100.0	0.0	0.0	31.8
Switzerland, St Gall-Appenzell						119	98.3	0.8	0.0	42.0
Switzerland, Ticino						86	100.0	0.0	0.0	19.8
Switzerland, Valais						46	97.8	0.0	0.0	23.9
Switzerland, Vaud						109	99.1	0.9	0.0	31.2
The Netherlands						3380	99.6		0.0	36.0
The Netherlands, Eindhoven						177	98.9		0.0	
The Netherlands, Maastricht						191	100.0		0.0	38.7
UK, East of England Region						536	97.4	0.0	0.7	41.4
UK, England, Merseyside and Cheshire						728	93.1	2.2	0.1	47.3
UK, England, North Western						1289	95.0	0.6	0.4	39.5
UK, England, Northern and Yorkshire						2081	97.0	0.5	0.0	39.5
UK, England, Oxford Region						407	97.8	0.0	1.5	45.2
UK, England, South and Western Regions						1809	91.5	1.1	2.2	42.0
UK, England, Thames						2842	91.6	4.2	2.5	43.4
UK, England, Trent						1257	93.3	2.9	0.6	37.4
UK, England, West Midlands						1448	96.9	0.8	0.0	36.9
UK, Northern Ireland						405	96.0	0.2	0.0	36.5
UK, Scotland						1591	98.1	0.1	0.4	37.5
Oceania										
Australia, New South Wales						1338	97.5	0.3	0.0	31.1
Australia, Northern Territory						48	100.0	0.0	0.0	35.4
Australia, Queensland						805	92.4	0.5	0.1	31.2
Australia, South						261	99.2	0.0	0.0	34.5
Australia, Tasmania						108	99.1	0.9	0.0	40.1
Australia, Victoria						837	97.4	0.7	0.4	31.4
Australia, Western						412	97.3	1.2	0.2	35.0
Australian Capital Territory						49	100.0	0.0	0.0	34.7
French Polynesia						73	98.6	0.0	0.0	45.2
New Zealand						993	98.6	0.3	0.0	34.4
USA, Hawaii						298	100.0	0.0	0.0	26.2
USA, Hawaii: Chinese						16	100.0	0.0	0.0	
USA, Hawaii: Filipino						56	100.0	0.0	0.0	
USA, Hawaii: Hawaiian						56	100.0	0.0	0.0	
USA, Hawaii: Japanese						47	100.0	0.0	0.0	
USA, Hawaii: White						75	100.0	0.0	0.0	26.7

*Important. See note on population page.

Indices of data quality
Other uterus (C54-55)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif						28	100.0		0.0	*
Egypt, Gharbiah						144	91.0	8.3	0.0	20.8
Tunisia, Centre, Sousse						37	100.0		0.0	*
Uganda, Kyadondo County						57	71.9		0.0	*
Zimbabwe, Harare: African						77	63.6	9.1	0.0	*
America, Central and South										
Argentina, Bahia Blanca						95	85.3	10.5	0.0	68.4
Brazil, Brasilia						361	78.7	4.7	16.1	37.1
Brazil, Cuiaba						68	72.1	20.6	2.9	52.9
Brazil, Goiania						129	93.8	3.9	0.0	39.5
Brazil, Sao Paulo						2940	76.2	8.3	0.0	40.1
Chile, Valdivia						54	92.6	3.7	0.0	44.4
Colombia, Cali						288	87.8	6.3	0.0	50.7
Costa Rica						605	85.6	5.3	0.0	42.1
Ecuador, Quito						175	68.6	21.7	0.0	90.9
France, La Martinique						107	96.3		0.0	73.6
Peru, Trujillo						47	100.0	0.0	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)						13530	95.2	0.7	3.6	17.5
Canada, Alberta						1593	98.9	0.1	0.1	15.8
Canada, British Columbia						2162	98.2	0.8	0.1	16.2
Canada, Manitoba						822	98.4	0.9	0.0	16.8
Canada, New Brunswick						415	99.0	0.0	0.0	21.7
Canada, Newfoundland and Labrador						265	99.6		0.4	17.0
Canada, Northwest Territories						2	100.0	0.0	0.0	
Canada, Nova Scotia						577	97.1	1.7	0.3	20.8
Canada, Ontario						7031	92.1	0.8	6.9	17.9
Canada, Prince Edward Island						86	100.0	0.0	0.0	15.1
Canada, Saskatchewan						577	98.6	0.9	0.2	16.8
USA, Alabama						2112	98.2	0.5	0.8	23.6
USA, Alabama: Black						454	96.9	0.7	1.5	44.1
USA, Alabama: White						1613	98.6	0.5	0.5	18.4
USA, Alaska						240	100.0	0.0	0.0	11.7
USA, Arizona						2534	98.5	0.6	0.5	15.7
USA, California						18308	98.9	0.4	0.3	17.7
USA, California: Asian and Pacific Islander						1523	99.6	0.1	0.1	13.1
USA, California: Black						920	98.5	0.4	0.4	33.3
USA, California: Hispanic White						2470	99.0	0.4	0.3	16.4
USA, California: Non-Hispanic White						13153	98.9	0.4	0.3	17.6
USA, California, Greater San Francisco Bay Area						3918	99.3	0.4	0.1	17.3
USA, California, Greater San Francisco Bay Area: Black						225	99.1	0.4	0.0	31.6
USA, California, Greater San Francisco Bay Area: Chinese						173	99.4	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Filipino						141	99.3	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Japanese						60	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Hispanic White						335	99.1	0.9	0.0	17.0
USA, California, Greater San Francisco Bay Area: Non-Hispanic White						2755	99.3	0.3	0.1	17.4
USA, California, Los Angeles County						4894	99.2	0.3	0.2	19.0
USA, California, Los Angeles County: Black						457	98.5	0.7	0.2	34.1
USA, California, Los Angeles County: Chinese						109	100.0	0.0	0.0	13.8
USA, California, Los Angeles County: Filipino						170	98.2	0.6	1.2	11.8
USA, California, Los Angeles County: Japanese						85	98.8	0.0	0.0	9.4
USA, California, Los Angeles County: Korean						50	100.0	0.0	0.0	16.0
USA, California, Los Angeles County: Hispanic White						1020	99.1	0.4	0.2	17.5
USA, California, Los Angeles County: Non-Hispanic White						2853	99.3	0.2	0.1	18.6
USA, Colorado						2007	97.9	0.8	0.5	16.4
USA, Connecticut						2867	99.1	0.3	0.1	15.1
USA, Connecticut: Black						129	97.7	0.8	0.0	26.4
USA, Connecticut: White						2696	99.1	0.3	0.1	14.8
USA, District of Columbia						375	96.0	1.3	1.3	37.1
USA, District of Columbia: Black						235	94.9	2.1	0.9	48.1
USA, District of Columbia: White						120	98.3	0.0	1.7	20.8
USA, Florida						11126	98.1	1.2	0.1	18.7
USA, Florida: Black						1019	97.1	1.8	0.0	32.7
USA, Florida: White						9955	98.2	1.1	0.1	17.4
USA, Georgia						3627	98.2	1.0	0.3	20.0
USA, Georgia: Black						785	96.9	1.5	1.0	33.5
USA, Georgia: White						2795	98.6	0.8	0.1	16.5
USA, Georgia, Atlanta						1191	98.7	0.4	0.3	17.8
USA, Georgia, Atlanta: Black						285	98.2	0.0	1.4	28.1
USA, Georgia, Atlanta: White						877	98.9	0.6	0.0	14.7
USA, Idaho						720	97.8	1.0	0.1	18.2
USA, Illinois						8364	98.4	0.9	0.2	19.3
USA, Illinois: Black						836	96.2	2.4	0.5	34.2
USA, Illinois: White						7253	98.6	0.7	0.2	18.0
USA, Indiana						4219	99.0	0.4	0.2	19.0
USA, Iowa						2375	98.7	0.5	0.3	17.2
USA, Kentucky						2507	98.4	0.4	0.6	16.9
USA, Louisiana						2083	97.9	0.6	0.3	21.0
USA, Louisiana: Black						550	96.0	0.9	1.1	38.0
USA, Louisiana: White						1513	98.6	0.5	0.1	15.0
USA, Louisiana, New Orleans: Black						151	97.4	0.7	2.0	35.8
USA, Louisiana, New Orleans: White						297	99.0	0.7	0.0	17.8

*Important. See note on population page.

Indices of data quality
Other uterus (C54-55) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine						1141	97.6	0.9	0.7	16.2
USA, Massachusetts						5076	98.6	0.5	0.7	16.6
USA, Michigan						7131	98.4	0.5	0.7	17.2
USA, Michigan: Black						651	97.1	0.8	1.2	32.1
USA, Michigan: White						6355	98.5	0.5	0.6	15.9
USA, Michigan, Detroit						2916	98.5	0.7	0.3	18.4
USA, Michigan, Detroit: Black						509	97.6	0.8	0.6	32.4
USA, Michigan, Detroit: White						2375	98.6	0.6	0.3	15.6
USA, Missouri						3975	98.1	0.8	0.7	18.5
USA, Missouri: Black						281	97.2	1.1	1.1	33.8
USA, Missouri: White						3654	98.1	0.8	0.6	17.4
USA, Montana						560	97.3	1.8	0.4	22.3
USA, NPCR						144439	98.3	0.7	0.4	18.3
USA, NPCR: Black						11540	96.8	1.4	0.7	34.8
USA, NPCR: White						127614	98.4	0.7	0.4	17.3
USA, New Jersey						7057	98.7	0.3	0.4	18.8
USA, New Jersey: Black						634	96.1	0.6	0.8	29.3
USA, New Jersey: White						6245	99.0	0.3	0.3	18.0
USA, New Mexico						900	96.4	1.8	0.7	20.3
USA, New Mexico: American Indian						55	96.4	0.0	1.8	20.0
USA, New Mexico: Hispanic White						224	96.0	1.3	0.9	21.9
USA, New Mexico: Non-Hispanic White						602	96.8	1.8	0.5	19.4
USA, New York State						14800	97.9	0.7	0.6	18.1
USA, New York State: Black						1696	96.9	1.1	0.6	33.8
USA, New York State: White						12701	98.0	0.6	0.6	16.2
USA, Ohio						8654	98.6	0.8	0.3	17.8
USA, Ohio: Black						568	96.5	2.1	0.5	33.1
USA, Ohio: White						7830	98.7	0.7	0.3	17.3
USA, Oklahoma						1896	95.6	1.0	0.3	20.4
USA, Oregon						2260	99.1	0.4	0.1	18.4
USA, Pennsylvania						11503	98.8	0.4	0.3	17.5
USA, Pennsylvania: Black						595	97.1	1.3	0.5	32.8
USA, Pennsylvania: White						10688	98.8	0.3	0.3	17.0
USA, Rhode Island						838	99.0	0.5	0.2	13.8
USA, SEER (9 Registries)						17413	98.8	0.4	0.2	17.0
USA, SEER (9 Registries): Black						1209	98.1	0.6	0.6	30.3
USA, SEER (9 Registries): White						14767	98.8	0.4	0.2	16.3
USA, SEER (14 Registries)						44733	98.8	0.4	0.3	17.8
USA, SEER (14 Registries): Asian and Pacific Islander						2460	99.5	0.2	0.1	14.3
USA, SEER (14 Registries): Black						3224	97.4	0.6	0.7	32.7
USA, SEER (14 Registries): Hispanic White						3296	98.7	0.4	0.4	15.6
USA, SEER (14 Registries): Non-Hispanic White						35225	98.8	0.4	0.3	17.1
USA, South Carolina						2132	98.2	0.6	0.7	21.0
USA, South Carolina: Black						553	97.6	0.5	0.5	38.0
USA, South Carolina: White						1537	98.4	0.7	0.7	15.4
USA, Texas						9148	97.0	1.6	0.9	20.5
USA, Texas: Black						905	95.0	2.7	1.4	37.9
USA, Texas: White						8014	97.3	1.4	0.7	19.0
USA, Utah						999	99.4	0.0	0.0	17.1
USA, Vermont						519	98.3	0.4	0.4	17.5
USA, Washington State						3852	98.7	0.3	0.4	16.4
USA, Washington, Seattle						2634	98.9	0.3	0.3	15.9
USA, West Virginia						1552	98.6	0.4	0.0	17.0
USA, Wisconsin						3983	97.6	1.2	0.8	18.0
Asia										
Bahrain: Bahraini						42	97.6	2.4	0.0	28.6
China, Guangzhou City						383	87.2	0.0	0.0	36.0*
China, Hong Kong						1878	97.7	0.2	0.0	15.7
China, Jiashan						17	88.2	0.0	0.0	*
China, Nangang District, Harbin City						70	88.6	0.0	1.4	34.3
China, Shanghai						1548	89.6	0.3	0.0	22.2*
China, Zhongshan						386	99.0	0.5	0.0	*
Cyprus						293	99.3		0.0	3.4*
India, Chennai (Madras)						218	81.2	3.2	6.9	34.4
India, New Delhi						748	86.0	1.1	0.0	*
India, Karunagappally						11	90.9	0.0	0.0	
India, Mumbai (Bombay)						736	85.5	10.1	0.1	31.3
India, Nagpur						104	93.3	0.0	0.0	*
India, Poona						148	81.8	12.8	0.0	*
India, Trivandrum						96	96.9	2.1	0.0	*
Israel						2655	94.7	0.8	1.6	20.0
Israel: Jews						2449	95.9	0.8	1.1	
Israel: Non-Jews						157	96.2	0.6	1.9	
Japan, Aichi Prefecture						228	88.6	10.5	0.9	32.9
Japan, Fukui Prefecture						183	84.2	4.4	2.7	46.4
Japan, Hiroshima						322	96.0	1.9	0.0	36.0
Japan, Miyagi Prefecture						687	82.5	10.3	0.0	33.0
Japan, Nagasaki Prefecture						538	91.3	4.5	0.7	37.5
Japan, Osaka Prefecture						1795	75.5	12.9	0.0	56.4
Japan, Yamagata Prefecture						358	89.1	7.0	0.6	38.5

*Important. See note on population page.

Indices of data quality
Other uterus (C54-55) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea						3783	86.0	10.3	0.0	57.2
Korea, Busan						335	85.4	11.6	0.0	65.7
Korea, Daegu						225	92.4	6.2	0.0	59.1
Korea, Daejeon						132	87.9	7.6	0.0	47.7
Korea, Gwangju						97	83.5	11.3	0.0	78.4
Korea, Incheon						227	85.9	7.0	0.0	60.4
Korea, Jejudo						26	88.5	7.7	0.0	69.2
Korea, Seoul						1129	87.8	9.3	0.0	48.7
Korea, Ulsan						68	92.6	1.5	0.0	48.5
Kuwait: Kuwaitis						51	98.0	2.0	0.0	
Kuwait: Non-Kuwaitis						44	97.7	2.3	0.0	
Malaysia, Penang						149	96.0	0.0	0.0	16.8
Malaysia, Sarawak						149	96.0	1.3	0.0	3.4
Oman: Omani						36	91.7	0.0	0.0	*
Pakistan, South Karachi						135	99.3	0.0	0.0	*
Philippines, Manila						1072	81.6	10.4	0.0	*
Singapore						867	99.1	0.0	0.0	19.5
Singapore: Chinese						734	99.2	0.0	0.0	
Singapore: Indian						46	97.8	0.0	0.0	
Singapore: Malay						87	98.9	0.0	0.0	
Thailand, Chiang Mai						142	98.6	0.0	0.0	8.5*
Thailand, Lampang						73	74.0	15.1	0.0	43.8*
Thailand, Songkhla						93	98.9	1.1	0.0	24.7
Turkey, Antalya						237	94.9	0.4	2.1	9.7*
Turkey, Izmir						569	98.8	0.0	0.4	26.2*
Europe										
Austria						5023	95.0	4.5	0.1	35.1
Austria, Tyrol						372	99.2	0.5	0.0	25.0
Austria, Vorarlberg						208	94.7	2.9	1.0	26.9
Belarus						5913	98.6		0.0	33.0*
Belgium, Antwerp						922	99.8		0.0	*
Belgium, Flanders						3073	94.6		4.9	24.9
Bulgaria						5658	93.7	4.2	0.0	32.1*
Croatia						2711	86.1	4.9	9.0	39.0
Czech Republic						8489	96.9	1.5	0.3	31.6
Denmark						3215	96.4	0.2	2.9	29.2
Estonia						948	97.7	0.3	0.0	32.3
Finland						3609	98.8	0.4	0.2	20.5
France, Bas-Rhin						599	98.8		0.0	31.9
France, Calvados						282	98.6		0.7	41.5
France, Doubs						237	97.5		0.4	36.3
France, Haut-Rhin						395	99.2		0.5	35.7
France, Herault						445	98.7		0.0	37.5
France, Isere						460	97.8		0.2	36.7
France, Loire-Atlantique						448	100.0		0.0	35.5
France, Manche						211	100.0		0.0	46.0
France, Somme						328	96.6	0.0	1.2	43.9
France, Tarn						209	95.2		0.0	27.3
France, Vendee						254	97.2		2.0	46.1
Germany, Brandenburg						1694	92.6	6.8	0.4	51.0
Germany, Free State of Saxony						3902	94.7	4.6	0.0	18.6
Germany, Hamburg						803	82.9	7.0	0.0	32.8
Germany, Mecklenburg-Western Pomerania						1224	92.2	7.8	0.0	14.6
Germany, Munich						1616	94.4	2.6	0.0	22.5
Germany, Northrhine-Westphalia: Munster						1561	91.0	5.0	0.1	26.8
Germany, Saarland						847	97.5	1.5	0.0	23.3
Iceland						122	98.4	0.0	0.0	25.4
Ireland						1308	95.7	1.9	0.2	23.2
Italy, Biella Province						144	99.3	0.0	0.0	26.4
Italy, Brescia Province						369	94.9	1.1	0.0	23.8
Italy, Ferrara Province						286	97.6	0.0	0.0	28.3
Italy, Florence and Prato						867	92.0	0.7	0.0	33.9
Italy, Genoa Province						369	92.7	0.5	0.0	38.5
Italy, Macerata Province						116	89.7	2.6	0.0	40.5
Italy, Milan						719	95.4	1.7	0.0	32.1
Italy, Modena Province						493	98.8	0.0	0.0	23.9
Italy, Naples						197	84.3	4.6	0.0	54.1
Italy, North East Cancer Surveillance Network						1356	96.3	0.8	0.0	31.1
Italy, Parma Province						355	94.6	0.6	0.0	35.5
Italy, Ragusa Province						178	92.1	2.2	0.6	45.5
Italy, Reggio Emilia Province						323	92.9	0.0	0.0	27.6
Italy, Romagna Region						680	92.6	1.5	0.0	37.2
Italy, Salerno Province						411	87.1	1.7	0.0	44.3
Italy, Sassari Province						270	94.8	1.5	1.5	33.3
Italy, Syracuse Province						209	95.2	1.0	1.0	39.2
Italy, Sondrio						121	97.5	0.8	0.0	19.6
Italy, Torino						632	95.1	1.1	0.0	37.8
Italy, Umbria Region						593	89.5	0.0	7.8	25.5
Italy, Varese Province						321	96.3	0.3	0.0	22.4
Italy, Veneto Region						1061	95.6	0.7	0.0	29.4

*Important. See note on population page.

Indices of data quality
Other uterus (C54-55) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia						1878	96.4	1.5	0.2	37.4
Lithuania						2555	95.2	0.7	0.0	29.4
Malta						258	98.8	0.4	0.0	20.2
Norway						2813	98.5	0.2	0.0	23.1
Poland, Cracow						501	94.2	0.6	0.0	24.7*
Poland, Kielce						711	94.2	1.0	1.5	29.9
Poland, Warsaw City						1034	97.5	0.1	0.0	26.2
Portugal, Porto						1006	97.7		0.0	13.4*
Portugal, South Regional						1373	90.5	8.2	0.0	41.4
Russia, St Petersburg						3245	92.9		4.2	46.3
Serbia						2662	90.2	4.7	0.3	35.4
Slovak Republic						3492	95.4	3.8	0.1	32.4
Slovenia						1455	99.0	0.8	0.3	28.9
Spain, Albacete						152	88.2	5.3	0.7	28.3
Spain, Asturias						623	96.5	2.1	0.3	32.6
Spain, Basque Country						953	96.3	1.6	0.4	29.7
Spain, Canary Islands						616	95.0	2.3	0.8	30.8
Spain, Cuenca						124	93.5	4.8	1.6	28.2
Spain, Girona						328	96.6	1.8	0.0	28.4
Spain, Granada						452	97.3	0.9	0.0	30.8
Spain, Murcia						530	97.0	1.7	0.2	27.7
Spain, Navarra						357	96.9	1.1	0.0	23.2
Spain, Tarragona						286	93.4	3.5	0.0	28.3
Spain, Zaragoza						455	95.8	2.9	0.4	33.6
Sweden						7068	99.9		0.0	22.7
Switzerland, Geneva						234	99.1	0.4	0.0	18.8
Switzerland, Graubunden and Glarus						111	99.1	0.0	0.0	25.2
Switzerland, Neuchatel						143	97.9	0.0	0.0	21.7
Switzerland, St Gall-Appenzell						266	97.7	0.4	0.0	24.1
Switzerland, Ticino						186	98.9	0.0	0.0	24.2
Switzerland, Valais						156	96.8	0.6	0.0	23.7
Switzerland, Vaud						349	99.1	0.9	0.0	24.4
The Netherlands						7637	99.6		0.0	26.3
The Netherlands, Eindhoven						487	100.0		0.0	
The Netherlands, Maastricht						507	99.4		0.0	25.2
UK, East of England Region						1566	95.8	0.0	0.5	22.9
UK, England, Merseyside and Cheshire						1179	92.2	1.3	0.3	24.7
UK, England, North Western						1965	94.5	0.8	0.3	25.1
UK, England, Northern and Yorkshire						3031	95.7	1.0	0.0	24.2
UK, England, Oxford Region						1186	96.1	0.7	1.9	25.5
UK, England, South and Western Regions						3870	88.5	1.3	3.0	28.5
UK, England, Thames						6111	91.2	4.9	1.9	26.9
UK, England, Trent						2568	94.0	3.0	0.4	25.3
UK, England, West Midlands						2842	95.9	1.9	0.0	24.5
UK, Northern Ireland						643	95.8	0.6	0.0	27.2
UK, Scotland						2505	95.8	0.7	0.2	27.1
Oceania										
Australia, New South Wales						2375	98.0	0.6	0.0	18.7
Australia, Northern Territory						36	94.4	0.0	0.0	19.4
Australia, Queensland						1461	97.1	0.6	0.1	17.3
Australia, South						751	97.3	0.0	0.4	19.0
Australia, Tasmania						168	97.0	0.0	0.0	20.8
Australia, Victoria						2161	97.4	1.2	0.4	17.8
Australia, Western						603	96.4	1.5	0.7	21.4
Australian Capital Territory						88	95.5	1.1	0.0	27.3
French Polynesia						73	93.2	4.1	1.4	49.3
New Zealand						1503	97.2	1.6	0.0	28.4
USA, Hawaii						821	99.3	0.1	0.0	15.1
USA, Hawaii: Chinese						46	100.0	0.0	0.0	
USA, Hawaii: Filipino						114	99.1	0.9	0.0	
USA, Hawaii: Hawaiian						161	100.0	0.0	0.0	
USA, Hawaii: Japanese						221	98.6	0.0	0.0	
USA, Hawaii: White						211	99.1	0.0	0.0	10.9

*Important. See note on population page.

Indices of data quality
Ovary (C56)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif						53	92.5		1.9	*
Egypt, Gharbiah						290	88.3	3.1	0.0	20.3
Tunisia, Centre, Sousse						34	97.1		0.0	*
Uganda, Kyadondo County						114	49.1		0.0	*
Zimbabwe, Harare: African						122	54.1	14.8	0.0	*
America, Central and South										
Argentina, Bahia Blanca						97	75.3	13.4	7.2	59.8
Brazil, Brasilia						331	85.2	3.3	10.6	31.7
Brazil, Cuiaba						52	76.9	9.6	1.9	38.5
Brazil, Goiania						126	95.2	4.0	0.8	43.7
Brazil, Sao Paulo						3197	74.4	9.1	0.0	38.3
Chile, Valdivia						81	85.2	3.7	0.0	46.9
Colombia, Cali						426	72.8	7.7	0.0	59.9
Costa Rica						483	73.9	7.2	0.0	53.0
Ecuador, Quito						207	82.6	5.8	0.0	50.7
France, La Martinique						70	92.9		0.0	28.6
Peru, Trujillo						68	98.5	0.0	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)						8326	85.1	1.4	9.8	67.4
Canada, Alberta						815	92.5	0.6	0.0	67.0
Canada, British Columbia						1365	92.2	1.2	0.2	75.7
Canada, Manitoba						428	89.3	2.6	0.0	66.4
Canada, New Brunswick						283	90.1	0.0	0.0	68.6
Canada, Newfoundland and Labrador						137	93.4		0.0	92.0
Canada, Northwest Territories						4	100.0	0.0	0.0	75.0
Canada, Nova Scotia						342	90.1	1.2	0.9	73.7
Canada, Ontario						4580	79.8	1.5	17.7	62.8
Canada, Prince Edward Island						46	93.5	0.0	0.0	63.0
Canada, Saskatchewan						326	91.4	3.7	0.0	82.8
USA, Alabama						1721	88.8	4.5	2.8	72.3
USA, Alabama: Black						270	84.1	5.9	3.3	83.0
USA, Alabama: White						1431	89.7	4.3	2.6	71.1
USA, Alaska						129	94.6	3.1	2.3	56.6
USA, Arizona						1702	92.0	1.6	2.1	68.8
USA, California						11298	94.0	0.9	1.1	65.5
USA, California: Asian and Pacific Islander						996	96.4	0.3	0.8	49.5
USA, California: Black						478	90.6	1.7	1.7	73.0
USA, California: Hispanic White						1758	96.3	0.5	0.5	49.8
USA, California: Non-Hispanic White						7981	93.3	1.1	1.2	70.9
USA, California, Greater San Francisco Bay Area						2275	94.9	1.2	0.4	62.2
USA, California, Greater San Francisco Bay Area: Black						121	91.7	0.8	0.8	64.5
USA, California, Greater San Francisco Bay Area: Chinese						130	98.5	0.0	0.8	
USA, California, Greater San Francisco Bay Area: Filipino						83	96.4	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Japanese						31	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Hispanic White						226	96.5	0.0	0.0	50.0
USA, California, Greater San Francisco Bay Area: Non-Hispanic White						1562	94.2	1.6	0.4	68.6
USA, California, Los Angeles County						2961	95.0	0.8	0.8	65.3
USA, California, Los Angeles County: Black						216	89.8	1.9	2.3	79.2
USA, California, Los Angeles County: Chinese						104	95.2	0.0	1.0	53.8
USA, California, Los Angeles County: Filipino						86	94.2	0.0	1.2	55.8
USA, California, Los Angeles County: Japanese						52	100.0	0.0	0.0	53.8
USA, California, Los Angeles County: Korean						40	100.0	0.0	0.0	60.0
USA, California, Los Angeles County: Hispanic White						739	96.1	0.9	0.5	49.3
USA, California, Los Angeles County: Non-Hispanic White						1633	94.9	0.7	0.8	74.3
USA, Colorado						1467	92.0	2.9	1.4	63.1
USA, Connecticut						1412	92.9	2.1	0.6	66.4
USA, Connecticut: Black						45	93.3	2.2	2.2	62.2
USA, Connecticut: White						1340	92.9	1.9	0.6	67.7
USA, District of Columbia						193	88.1	4.1	2.1	78.2
USA, District of Columbia: Black						123	84.6	4.1	3.3	92.7
USA, District of Columbia: White						59	93.2	5.1	0.0	62.7
USA, Florida						7411	91.3	3.5	0.4	65.7
USA, Florida: Black						510	86.5	4.3	0.4	65.1
USA, Florida: White						6817	91.6	3.5	0.4	66.2
USA, Georgia						2573	89.9	3.9	0.7	67.4
USA, Georgia: Black						477	85.3	4.8	0.8	66.0
USA, Georgia: White						2061	90.8	3.7	0.6	68.0
USA, Georgia, Atlanta						843	94.5	2.5	0.5	59.5
USA, Georgia, Atlanta: Black						206	89.8	3.4	1.5	64.1
USA, Georgia, Atlanta: White						612	95.9	2.3	0.2	58.7
USA, Idaho						440	91.1	4.1	0.2	76.4
USA, Illinois						4556	92.1	2.8	0.3	67.9
USA, Illinois: Black						417	86.8	5.3	0.7	77.5
USA, Illinois: White						3987	92.5	2.5	0.3	68.6
USA, Indiana						2204	93.6	1.6	0.8	75.2
USA, Iowa						1275	90.8	2.6	0.5	72.2
USA, Kentucky						1516	89.3	1.5	3.1	66.1
USA, Louisiana						1438	91.2	1.4	1.1	67.0
USA, Louisiana: Black						322	88.5	2.5	1.2	72.0
USA, Louisiana: White						1111	91.9	1.1	1.1	65.6
USA, Louisiana, New Orleans: Black						106	89.6	2.8	0.9	67.9
USA, Louisiana, New Orleans: White						234	94.4	0.4	1.3	73.1

*Important. See note on population page.

Indices of data quality
Ovary (C56) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine						538	90.9	2.0	2.0	80.7
USA, Massachusetts						2656	92.1	2.4	2.2	65.8
USA, Michigan						3771	91.2	1.5	2.0	69.1
USA, Michigan: Black						336	89.9	0.6	2.4	65.2
USA, Michigan: White						3385	91.4	1.5	1.9	69.7
USA, Michigan, Detroit						1586	91.7	2.0	0.9	65.4
USA, Michigan, Detroit: Black						258	89.5	1.9	0.8	64.7
USA, Michigan, Detroit: White						1313	92.2	2.0	1.0	65.6
USA, Missouri						2101	91.1	2.4	2.9	71.7
USA, Missouri: Black						131	88.5	1.5	3.8	79.4
USA, Missouri: White						1950	91.2	2.5	2.8	71.6
USA, Montana						394	89.6	5.8	0.5	65.2
USA, NPCR						84293	91.7	2.4	1.4	67.0
USA, NPCR: Black						5946	87.6	3.1	2.0	71.5
USA, NPCR: White						75272	91.8	2.4	1.4	68.0
USA, New Jersey						3942	92.4	2.1	1.3	62.6
USA, New Jersey: Black						320	88.1	1.6	3.1	66.6
USA, New Jersey: White						3473	92.7	2.2	1.0	63.7
USA, New Mexico						602	92.0	3.3	0.7	61.6
USA, New Mexico: American Indian						47	85.1	6.4	0.0	42.6
USA, New Mexico: Hispanic White						166	92.2	3.0	0.6	56.0
USA, New Mexico: Non-Hispanic White						382	92.7	3.1	0.8	66.0
USA, New York State						8177	90.7	1.9	1.7	60.9
USA, New York State: Black						818	90.5	1.0	1.7	63.9
USA, New York State: White						7068	90.6	2.1	1.7	61.4
USA, Ohio						4229	91.2	4.1	2.1	71.4
USA, Ohio: Black						255	89.4	3.9	3.1	77.6
USA, Ohio: White						3886	91.2	4.2	2.0	72.4
USA, Oklahoma						1302	87.0	1.5	1.1	63.0
USA, Oregon						1325	92.2	1.8	1.5	76.2
USA, Pennsylvania						5647	92.3	1.1	0.7	70.2
USA, Pennsylvania: Black						301	89.7	1.0	1.0	75.1
USA, Pennsylvania: White						5213	92.3	1.1	0.7	71.5
USA, Rhode Island						426	95.1	0.5	0.9	68.5
USA, SEER (9 Registries)						9907	92.8	1.7	0.8	64.4
USA, SEER (9 Registries): Black						657	90.9	2.1	1.1	65.4
USA, SEER (9 Registries): White						8477	92.8	1.7	0.8	66.2
USA, SEER (14 Registries)						26634	92.8	1.4	1.2	65.2
USA, SEER (14 Registries): Asian and Pacific Islander						1518	95.6	0.4	1.1	48.0
USA, SEER (14 Registries): Black						1762	89.3	2.0	1.8	68.8
USA, SEER (14 Registries): Hispanic White						2344	95.4	0.9	0.5	47.6
USA, SEER (14 Registries): Non-Hispanic White						20761	92.6	1.5	1.2	68.6
USA, South Carolina						1361	90.5	2.4	3.3	67.2
USA, South Carolina: Black						273	81.3	4.0	5.1	68.5
USA, South Carolina: White						1069	92.9	2.1	2.7	67.5
USA, Texas						5991	90.3	4.1	2.2	65.8
USA, Texas: Black						478	86.6	5.2	2.5	73.4
USA, Texas: White						5358	90.7	4.1	2.0	66.4
USA, Utah						601	93.5	0.2	0.0	61.2
USA, Vermont						223	94.2	1.8	1.3	70.4
USA, Washington State						2414	93.0	0.9	1.8	65.6
USA, Washington, Seattle						1670	93.1	0.8	1.7	65.1
USA, West Virginia						831	88.0	2.4	1.6	74.1
USA, Wisconsin						2179	89.0	3.8	2.6	65.2
Asia										
Bahrain: Bahraini						49	85.7	4.1	0.0	67.3
China, Guangzhou City						322	74.5	0.0	0.0	51.2*
China, Hong Kong						616	92.4	0.8	0.0	101.8
China, Jiashan						47	100.0	0.0	0.0	*
China, Nangang District, Harbin City						133	82.7	0.8	2.3	52.6
China, Shanghai						1634	81.9	0.5	0.0	41.9*
China, Zhongshan						139	89.9	0.0	0.0	*
Cyprus						190	97.4		0.0	25.0*
India, Chennai (Madras)						559	62.8	2.9	18.4	35.1
India, New Delhi						1802	81.4	1.2	0.0	*
India, Karunagappally						45	91.1	0.0	0.0	
India, Mumbai (Bombay)						1541	76.4	5.6	0.4	33.0
India, Nagpur						282	91.8	0.0	0.0	*
India, Poona						443	72.9	9.3	0.0	*
India, Trivandrum						148	97.3	0.0	0.0	*
Israel						1741	86.0	3.2	2.4	63.3
Israel: Jews						1617	88.7	2.6	1.9	
Israel: Non-Jews						64	82.8	3.1	4.7	
Japan, Aichi Prefecture						232	85.8	11.2	3.0	47.4
Japan, Fukui Prefecture						239	80.3	5.0	1.7	52.3
Japan, Hiroshima						313	93.6	2.2	0.0	38.0
Japan, Miyagi Prefecture						668	75.7	12.0	0.0	55.8
Japan, Nagasaki Prefecture						448	82.6	8.5	0.9	56.9
Japan, Osaka Prefecture						1994	72.0	9.6	0.0	69.7
Japan, Yamagata Prefecture						352	74.7	14.2	0.6	53.1

*Important. See note on population page.

Indices of data quality
Ovary (C56) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea						5334	86.2	2.8	0.0	42.6
Korea, Busan						565	87.6	1.6	0.0	46.0
Korea, Daegu						340	92.1	2.1	0.0	32.9
Korea, Daejeon						167	88.6	1.2	0.0	31.1
Korea, Gwangju						186	87.6	1.1	0.0	37.6
Korea, Incheon						354	79.9	2.3	0.0	44.6
Korea, Jejudo						43	86.0	2.3	0.0	55.8
Korea, Seoul						1618	86.4	4.6	0.0	36.4
Korea, Ulsan						116	89.7	1.7	0.0	36.2
Kuwait: Kuwaitis						64	79.7	10.9	1.6	
Kuwait: Non-Kuwaitis						60	96.7	1.7	0.0	
Malaysia, Penang						230	90.4	3.5	0.0	28.3
Malaysia, Sarawak						289	90.7	4.8	0.0	10.4
Oman: Omani						111	88.3	0.0	0.9	*
Pakistan, South Karachi						201	97.0	0.5	0.0	*
Philippines, Manila						1133	72.9	8.5	0.0	*
Singapore						771	95.5	0.0	0.0	49.8
Singapore: Chinese						619	96.0	0.0	0.0	
Singapore: Indian						44	93.2	0.0	0.0	
Singapore: Malay						108	93.5	0.0	0.0	
Thailand, Chiang Mai						235	94.9	0.0	0.0	*
Thailand, Lampang						124	72.6	0.0	0.0	50.8*
Thailand, Songkhla						178	93.8	2.2	0.0	25.8
Turkey, Antalya						195	92.3	1.0	1.5	30.8*
Turkey, Izmir						425	95.5	0.0	1.2	*
Europe										
Austria						4153	89.3	8.9	0.2	65.4
Austria, Tyrol						338	91.7	2.7	0.0	58.9
Austria, Vorarlberg						128	87.5	4.7	0.0	64.1
Belarus						4081	93.5		0.0	67.1*
Belgium, Antwerp						622	98.1		0.0	*
Belgium, Flanders						2208	86.9		10.6	74.0
Bulgaria						3729	77.8	6.1	0.0	45.2*
Croatia						2529	76.3	3.8	19.8	55.4
Czech Republic						5834	88.8	3.1	0.8	63.7
Denmark						2984	95.0	0.4	2.2	73.8
Estonia						784	93.8	0.6	0.0	69.3
Finland						2217	95.2	0.8	0.8	65.4
France, Bas-Rhin						398	95.2		0.0	76.1
France, Calvados						246	96.3		0.0	74.4
France, Doubs						191	93.2		0.5	73.8
France, Haut-Rhin						336	92.6		1.5	62.2
France, Herault						371	97.0		0.0	72.5
France, Isere						378	95.0		0.5	68.5
France, Loire-Atlantique						311	97.7		0.0	83.0
France, Manche						232	99.1		0.0	88.4
France, Somme						199	90.5	1.0	1.5	91.5
France, Tarn						129	93.0		0.0	89.9
France, Vendee						165	93.9		6.1	115.2
Germany, Brandenburg						1175	72.5	23.9	1.8	168.4
Germany, Free State of Saxony						2561	83.3	13.2	0.4	56.6
Germany, Hamburg						861	74.1	9.3	0.0	71.9
Germany, Mecklenburg-Western Pomerania						842	75.9	21.6	0.7	53.6
Germany, Munich						1267	82.6	9.4	0.0	63.0
Germany, Northrhine-Westphalia: Munster						1402	81.7	9.6	0.8	64.1
Germany, Saarland						560	89.8	5.2	0.0	68.2
Iceland						105	97.1	0.0	0.0	80.0
Ireland						1531	86.2	2.7	0.7	75.5
Italy, Biella Province						96	91.7	2.1	0.0	60.4
Italy, Brescia Province						243	88.1	1.6	0.0	57.6
Italy, Ferrara Province						163	82.2	1.8	0.0	61.3
Italy, Florence and Prato						593	81.1	0.7	0.0	65.4
Italy, Genoa Province						308	87.3	1.6	0.0	56.5
Italy, Macerata Province						82	80.5	1.2	1.2	76.8
Italy, Milan						574	81.5	2.3	0.0	58.9
Italy, Modena Province						310	85.2	0.6	0.0	59.4
Italy, Naples						127	83.5	0.8	0.0	47.9
Italy, North East Cancer Surveillance Network						881	94.2	0.3	0.0	79.0
Italy, Parma Province						268	84.7	1.1	0.0	52.2
Italy, Ragusa Province						107	84.1	0.9	0.9	57.0
Italy, Reggio Emilia Province						209	82.3	0.5	0.0	51.7
Italy, Romagna Region						482	81.7	1.7	0.0	64.9
Italy, Salerno Province						297	74.4	1.7	0.0	57.2
Italy, Sassari Province						161	80.7	4.3	1.9	57.8
Italy, Syracuse Province						110	88.2	1.8	1.8	51.8
Italy, Sondrio						95	84.2	0.0	0.0	50.0
Italy, Torino						483	85.5	1.7	0.2	72.7
Italy, Umbria Region						420	78.6	1.0	10.7	59.0
Italy, Varese Province						252	86.1	0.0	0.0	53.2
Italy, Veneto Region						680	85.6	1.3	0.0	61.5

*Important. See note on population page.

Indices of data quality
Ovary (C56) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia						1405	88.3	2.2	0.2	66.5
Lithuania						2120	86.1	0.7	0.0	64.7
Malta						159	90.6	0.6	0.0	69.8
Norway						2343	94.0	0.7	0.0	67.8
Poland, Cracow						473	82.5	3.8	0.0	56.8*
Poland, Kielce						563	87.2	1.6	2.0	56.0
Poland, Warsaw City						797	88.7	0.0	0.5	64.7
Portugal, Porto						477	94.8		0.2	75.9*
Portugal, South Regional						902	81.6	13.0	0.0	64.0
Russia, St Petersburg						2547	76.1		8.8	76.1
Serbia						1720	84.8	5.9	0.1	53.9
Slovak Republic						2140	88.6	7.4	0.6	62.3
Slovenia						818	98.3	1.1	0.6	71.5
Spain, Albacete						77	88.3	2.6	3.9	63.6
Spain, Asturias						600	92.2	2.2	1.2	49.2
Spain, Basque Country						581	88.8	2.6	0.3	57.5
Spain, Canary Islands						388	88.4	3.9	1.0	59.9
Spain, Cuenca						81	79.0	8.6	1.2	61.7
Spain, Girona						195	84.6	4.6	0.5	69.2
Spain, Granada						256	87.5	0.4	0.0	47.3
Spain, Murcia						338	88.2	1.8	0.3	59.8
Spain, Navarra						214	92.1	0.5	0.0	53.3
Spain, Tarragona						167	86.8	6.0	0.0	56.3
Spain, Zaragoza						264	89.4	4.9	0.4	81.8
Sweden						3989	99.9		0.0	77.5
Switzerland, Geneva						185	92.4	0.5	0.0	58.4
Switzerland, Graubunden and Glarus						111	90.1	0.9	0.0	60.4
Switzerland, Neuchatel						82	89.0	3.7	0.0	54.9
Switzerland, St Gall-Appenzell						224	94.6	0.0	0.0	64.7
Switzerland, Ticino						128	95.3	0.8	0.0	71.9
Switzerland, Valais						128	93.0	0.0	0.8	75.0
Switzerland, Vaud						256	93.0	4.7	0.0	70.7
The Netherlands						5946	96.9		0.0	79.2
The Netherlands, Eindhoven						392	97.4		0.0	
The Netherlands, Maastricht						345	99.1		0.0	82.0
UK, East of England Region						1543	85.4	0.1	1.4	74.3
UK, England, Merseyside and Cheshire						1294	79.4	4.3	0.4	73.8
UK, England, North Western						1963	81.6	1.5	1.8	74.0
UK, England, Northern and Yorkshire						3399	79.6	2.8	0.1	73.2
UK, England, Oxford Region						1246	88.6	1.3	6.3	75.4
UK, England, South and Western Regions						4131	78.1	2.4	9.2	76.0
UK, England, Thames						6896	77.4	9.3	3.9	72.8
UK, England, Trent						2494	78.6	6.3	1.2	72.1
UK, England, West Midlands						2789	85.0	5.3	0.0	73.1
UK, Northern Ireland						905	87.0	0.8	0.0	59.4
UK, Scotland						2656	86.9	0.6	1.4	75.7
Oceania										
Australia, New South Wales						1967	91.2	1.3	0.0	68.8
Australia, Northern Territory						24	83.3	4.2	0.0	62.5
Australia, Queensland						1035	89.4	1.7	0.0	59.5
Australia, South						494	88.3	0.0	0.2	70.4
Australia, Tasmania						148	91.2	0.0	0.0	67.6
Australia, Victoria						1515	88.6	1.5	2.4	73.9
Australia, Western						500	91.8	3.2	0.0	63.4
Australian Capital Territory						84	88.1	2.4	0.0	71.4
French Polynesia						36	100.0	0.0	0.0	61.1
New Zealand						1262	90.8	2.4	0.0	69.3
USA, Hawaii						381	92.7	0.8	0.8	55.4
USA, Hawaii: Chinese						24	87.5	0.0	4.2	
USA, Hawaii: Filipino						59	94.9	1.7	1.7	
USA, Hawaii: Hawaiian						50	96.0	0.0	2.0	
USA, Hawaii: Japanese						111	93.7	1.8	0.0	
USA, Hawaii: White						110	90.9	0.0	0.0	73.6

*Important. See note on population page.

Indices of data quality
Prostate (C61)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	142	90.8		0.0						*
Egypt, Gharbiah	273	71.4	7.3	0.0	19.4					
Tunisia, Centre, Sousse	134	96.3		0.0						*
Uganda, Kyadondo County	262	57.6		0.0						*
Zimbabwe, Harare: African	418	63.4	15.1	0.0						*
America, Central and South										
Argentina, Bahia Blanca	341	88.9	8.5	0.3	58.1					
Brazil, Brasilia	1727	95.0	2.5	2.3	17.4					
Brazil, Cuiaba	415	81.2	12.3	1.7	23.1					
Brazil, Goiania	1029	93.8	4.8	0.1	22.7					
Brazil, Sao Paulo	16155	83.8	5.3	0.0	20.4					
Chile, Valdivia	529	92.4	3.4	0.0	31.0					
Colombia, Cali	2070	85.1	5.1	0.0	31.9					
Costa Rica	3406	78.0	10.2	0.0	40.1					
Ecuador, Quito	1075	82.9	11.0	0.0	38.5					
France, La Martinique	1932	99.8		0.1	25.8					
Peru, Trujillo	229	94.3	3.1	0.0						*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	76342	94.3	0.7	2.9	19.0					
Canada, Alberta	9362	91.8	0.2	0.1	17.5					
Canada, British Columbia	14085	96.1	0.9	0.1	17.4					
Canada, Manitoba	3649	96.1	1.5	0.0	22.2					
Canada, New Brunswick	2562	97.3	0.2	0.0	21.9					
Canada, Newfoundland and Labrador	1515	99.7		0.2	23.8					
Canada, Northwest Territories	29	96.6	0.0	0.0	37.9					
Canada, Nova Scotia	3315	96.9	1.1	0.4	20.8					
Canada, Ontario	37402	93.4	0.5	5.7	18.1					
Canada, Prince Edward Island	542	95.6	0.4	0.0	18.5					
Canada, Saskatchewan	3881	93.1	1.7	0.0	28.6					
USA, Alabama	13398	94.5	1.1	2.5	22.6					
USA, Alabama: Black	3460	92.4	1.4	3.1	34.9					
USA, Alabama: White	9447	95.2	1.0	2.3	19.2					
USA, Alaska	1496	96.3	0.3	2.0	10.0					
USA, Arizona	14987	96.2	1.2	1.3	17.8					
USA, California	103927	97.0	1.0	0.6	14.5					
USA, California: Asian and Pacific Islander	6246	97.9	0.5	0.4	9.8					
USA, California: Black	9190	96.6	0.9	0.6	18.0					
USA, California: Hispanic White	12278	97.4	0.8	0.5	11.9					
USA, California: Non-Hispanic White	70762	96.7	1.1	0.7	15.9					
USA, California, Greater San Francisco Bay Area	21432	97.1	1.0	0.4	13.3					
USA, California, Greater San Francisco Bay Area: Black	1903	95.6	0.8	0.6	20.9					
USA, California, Greater San Francisco Bay Area: Chinese	920	98.3	0.4	0.4						
USA, California, Greater San Francisco Bay Area: Filipino	605	96.7	1.0	1.0						
USA, California, Greater San Francisco Bay Area: Japanese	229	96.1	0.9	0.4						
USA, California, Greater San Francisco Bay Area: Hispanic White	1740	97.5	0.8	0.5	11.8					
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	14539	97.0	1.1	0.3	14.2					
USA, California, Los Angeles County	27673	97.9	0.7	0.4	13.3					
USA, California, Los Angeles County: Black	4491	97.5	0.8	0.4	16.7					
USA, California, Los Angeles County: Chinese	587	99.7	0.0	0.2	9.0					
USA, California, Los Angeles County: Filipino	670	98.4	0.4	0.3	10.0					
USA, California, Los Angeles County: Japanese	466	98.1	0.6	0.2	10.1					
USA, California, Los Angeles County: Korean	160	97.5	0.0	0.0	9.4					
USA, California, Los Angeles County: Hispanic White	4991	98.0	0.7	0.3	11.1					
USA, California, Los Angeles County: Non-Hispanic White	14329	97.6	0.8	0.5	15.0					
USA, Colorado	12995	95.8	1.3	0.8	13.8					
USA, Connecticut	14162	97.9	0.6	0.3	14.3					
USA, Connecticut: Black	1156	97.9	0.3	0.3	14.6					
USA, Connecticut: White	12665	97.8	0.6	0.3	14.6					
USA, District of Columbia	2665	96.5	0.8	1.7	18.7					
USA, District of Columbia: Black	1934	96.5	0.9	1.3	21.5					
USA, District of Columbia: White	603	98.0	0.3	1.3	12.8					
USA, Florida	72917	97.2	1.7	0.3	15.6					
USA, Florida: Black	7976	95.1	3.0	0.3	20.7					
USA, Florida: White	63829	97.4	1.5	0.3	15.2					
USA, Georgia	23930	95.8	2.2	0.7	16.3					
USA, Georgia: Black	7023	93.9	2.9	0.7	22.1					
USA, Georgia: White	16649	96.6	1.9	0.7	14.0					
USA, Georgia, Atlanta	7971	98.0	0.8	0.7	12.7					
USA, Georgia, Atlanta: Black	2714	97.3	1.0	0.7	15.8					
USA, Georgia, Atlanta: White	5119	98.3	0.6	0.7	11.3					
USA, Idaho	4628	96.1	2.0	0.2	16.3					
USA, Illinois	41322	96.3	2.0	0.5	17.1					
USA, Illinois: Black	6238	94.8	3.5	0.4	23.1					
USA, Illinois: White	33285	96.4	1.9	0.5	16.8					
USA, Indiana	17485	96.5	1.4	0.5	19.6					
USA, Iowa	11050	96.1	1.0	0.4	18.4					
USA, Kentucky	13571	95.9	0.7	1.6	15.8					
USA, Louisiana	15914	96.1	0.9	0.3	16.5					
USA, Louisiana: Black	4777	94.0	1.4	0.2	22.7					
USA, Louisiana: White	11003	96.9	0.7	0.3	13.9					
USA, Louisiana, New Orleans: Black	1343	94.9	2.2	0.4	21.1					
USA, Louisiana, New Orleans: White	2008	96.0	1.0	0.7	17.1					

*Important. See note on population page.

Indices of data quality
Prostate (C61) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	5417	95.4	1.3	1.8	14.4					
USA, Massachusetts	25644	97.1	1.1	1.0	14.9					
USA, Michigan	42512	97.7	0.7	0.8	13.0					
USA, Michigan: Black	6463	97.0	0.7	1.2	15.8					
USA, Michigan: White	34438	97.7	0.8	0.8	13.0					
USA, Michigan, Detroit	19137	98.4	0.6	0.3	12.2					
USA, Michigan, Detroit: Black	5154	98.0	0.6	0.4	15.0					
USA, Michigan, Detroit: White	13626	98.6	0.6	0.2	11.4					
USA, Missouri	17661	96.6	1.4	1.1	17.3					
USA, Missouri: Black	1980	95.5	2.3	0.8	22.8					
USA, Missouri: White	15519	96.7	1.3	1.2	16.7					
USA, Montana	3980	94.2	2.7	1.3	15.0					
USA, NPCR	784436	96.4	1.3	1.1	15.6					
USA, NPCR: Black	95223	95.2	1.8	1.2	20.9					
USA, NPCR: White	653240	96.4	1.2	1.0	15.5					
USA, New Jersey	38030	97.7	0.4	1.1	12.7					
USA, New Jersey: Black	5225	97.4	0.3	1.1	16.5					
USA, New Jersey: White	31523	97.7	0.4	1.0	12.5					
USA, New Mexico	5891	94.4	1.4	0.9	16.0					
USA, New Mexico: American Indian	143	84.6	2.8	0.7	22.4					
USA, New Mexico: Hispanic White	1533	93.3	1.8	1.2	17.5					
USA, New Mexico: Non-Hispanic White	4074	95.1	1.3	0.8	15.0					
USA, New York State	70437	94.4	0.9	2.6	14.7					
USA, New York State: Black	12099	95.3	1.2	2.0	17.1					
USA, New York State: White	56746	94.2	0.9	2.7	14.3					
USA, Ohio	38748	96.9	1.7	0.7	17.2					
USA, Ohio: Black	4595	95.9	2.4	0.6	24.2					
USA, Ohio: White	31442	96.9	1.8	0.7	17.6					
USA, Oklahoma	11245	93.2	2.0	0.6	16.5					
USA, Oregon	13098	96.8	1.5	0.4	16.7					
USA, Pennsylvania	53915	97.2	0.7	0.7	15.7					
USA, Pennsylvania: Black	5325	96.3	1.0	0.7	20.2					
USA, Pennsylvania: White	46933	97.3	0.7	0.6	15.7					
USA, Rhode Island	4342	96.6	1.7	0.3	15.4					
USA, SEER (9 Registries)	97659	97.2	0.7	0.4	14.2					
USA, SEER (9 Registries): Black	11739	97.3	0.7	0.5	16.3					
USA, SEER (9 Registries): White	79315	97.2	0.7	0.4	14.3					
USA, SEER (14 Registries)	255181	97.0	0.8	0.7	14.4					
USA, SEER (14 Registries): Asian and Pacific Islander	10110	97.7	0.5	0.5	10.8					
USA, SEER (14 Registries): Black	30470	96.5	0.8	0.6	17.8					
USA, SEER (14 Registries): Hispanic White	17271	97.1	0.8	0.6	11.7					
USA, SEER (14 Registries): Non-Hispanic White	189664	97.0	0.8	0.7	14.8					
USA, South Carolina	15161	95.3	1.5	1.9	16.5					
USA, South Carolina: Black	4735	93.9	1.6	2.2	23.2					
USA, South Carolina: White	10135	96.0	1.4	1.7	13.8					
USA, Texas	55354	93.1	1.9	3.7	16.0					
USA, Texas: Black	6685	90.9	3.3	4.1	23.3					
USA, Texas: White	47288	93.4	1.8	3.7	15.3					
USA, Utah	6477	98.3	0.2	0.1	14.3					
USA, Vermont	2302	97.2	1.4	0.2	14.1					
USA, Washington State	21790	96.2	0.8	0.7	13.6					
USA, Washington, Seattle	14760	96.3	0.5	0.7	13.3					
USA, West Virginia	7073	97.3	1.1	0.5	16.2					
USA, Wisconsin	20032	96.3	0.9	0.9	16.9					
Asia										
Bahrain: Bahraini	78	85.9	2.6	0.0	51.3					
China, Guangzhou City	335	65.1	0.0	0.0	43.9					*
China, Hong Kong	3553	91.3	0.5	0.0	27.2					
China, Jiashan	16	56.3	0.0	0.0						*
China, Nangang District, Harbin City	47	70.2	4.3	4.3	68.1					
China, Shanghai	1838	68.6	0.4	0.0	32.3					*
China, Zhongshan	73	80.8	0.0	0.0						*
Cyprus	1030	96.0		1.0	17.0					*
India, Chennai (Madras)	326	68.7	2.1	22.4	47.9					
India, New Delhi	1346	83.5	1.3	0.0						*
India, Karunagappally	36	91.7	0.0	0.0	8.3					
India, Mumbai (Bombay)	1219	75.6	9.1	0.2	36.3					
India, Nagpur	108	94.4	0.0	0.0						*
India, Poona	346	74.6	10.7	0.0						*
India, Trivandrum	143	87.4	0.7	0.7						*
Israel	8689	73.0	3.0	10.3	25.0					
Israel: Jews	7779	77.4	2.6	8.1						
Israel: Non-Jews	253	75.5	2.8	8.3						
Japan, Aichi Prefecture	573	89.7	8.9	1.4	36.3					
Japan, Fukui Prefecture	690	88.8	3.0	2.5	37.7					
Japan, Hiroshima	981	94.2	1.1	0.0	29.2					
Japan, Miyagi Prefecture	2688	82.5	8.0	0.0	27.1					
Japan, Nagasaki Prefecture	1787	90.7	5.2	1.3	30.7					
Japan, Osaka Prefecture	4452	72.1	17.5	0.0	42.8					
Japan, Yamagata Prefecture	1106	80.0	11.8	1.5	41.2					

*Important. See note on population page.

Indices of data quality
Prostate (C61) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	6354	87.2	3.2	0.0	37.3					
Korea, Busan	455	79.6	2.4	0.0	42.4					
Korea, Daegu	309	85.8	3.2	0.0	40.5					
Korea, Daejeon	123	80.5	1.6	0.0	56.1					
Korea, Gwangju	187	92.0	2.1	0.0	38.0					
Korea, Incheon	308	89.6	1.9	0.0	36.0					
Korea, Jejudo	74	82.4	0.0	0.0	26.4					
Korea, Seoul	1947	91.6	3.1	0.0	25.4					
Korea, Ulsan	75	90.7	2.7	0.0	36.0					
Kuwait: Kuwaitis	88	86.4	13.6	0.0						
Kuwait: Non-Kuwaitis	58	91.4	3.4	1.7						
Malaysia, Penang	186	94.6	0.0	0.0	5.4					
Malaysia, Sarawak	187	92.0	4.3	0.0	2.7					
Oman: Omani	166	84.3	1.2	2.4						*
Pakistan, South Karachi	206	100.0	0.0	0.0						*
Philippines, Manila	1239	69.9	10.3	0.0						*
Singapore	1314	96.6	0.0	0.0	34.2					
Singapore: Chinese	1093	96.5	0.0	0.0						
Singapore: Indian	84	97.6	0.0	0.0						
Singapore: Malay	137	96.4	0.0	0.0						
Thailand, Chiang Mai	211	93.4	0.0	0.0						*
Thailand, Lampang	106	82.1	4.7	0.0	45.3					*
Thailand, Songkhla	127	89.8	3.9	0.0	43.3					
Turkey, Antalya	508	89.2	2.2	2.8	18.1					*
Turkey, Izmir	1014	91.5	0.0	3.5	52.8					*
Europe										
Austria	24603	95.4	4.1	0.1	24.1					
Austria, Tyrol	2691	98.6	0.7	0.0	14.2					
Austria, Vorarlberg	1204	96.6	2.1	0.6	17.9					
Belarus	6114	92.3		0.0	57.7					*
Belgium, Antwerp	5407	99.4		0.0						*
Belgium, Flanders	18254	91.9		7.4	20.3					
Bulgaria	6551	62.5	13.0	0.1	53.4					*
Croatia	4879	76.9	10.2	12.9	48.6					
Czech Republic	15172	91.2	3.4	0.9	43.9					
Denmark	9906	87.1	0.4	4.2	54.4					
Estonia	1857	86.8	0.5	0.0	44.9					
Finland	17314	98.2	0.4	0.5	22.5					
France, Bas-Rhin	3267	98.8		0.0	19.3					
France, Calvados	1789	98.4		0.2	29.5					
France, Doubs	1535	99.4		0.1	20.2					
France, Haut-Rhin	2185	98.2		0.6	20.9					
France, Herault	3574	98.9		0.0	22.4					
France, Isere	3157	97.3		0.6	22.7					
France, Loire-Atlantique	4325	99.4		0.0	19.3					
France, Manche	1512	98.6		0.0	33.0					
France, Somme	1710	96.0	0.1	0.7	27.9					
France, Tarn	1576	96.6		0.2	24.5					
France, Vendee	2244	99.2		0.3	27.2					
Germany, Brandenburg	5902	87.0	10.3	1.7	59.6					
Germany, Free State of Saxony	9864	85.6	12.3	0.2	21.5					
Germany, Hamburg	4245	78.1	9.6	0.0	30.1					
Germany, Mecklenburg-Western Pomerania	3814	84.9	13.3	0.6	18.5					
Germany, Munich	7814	88.8	6.3	0.0	18.6					
Germany, Northrhine-Westphalia: Munster	6291	84.8	8.4	1.0	29.9					
Germany, Saarland	3313	97.1	1.9	0.1	22.3					
Iceland	823	98.9	0.0	0.0	29.2					
Ireland	8490	85.9	2.3	1.0	31.1					
Italy, Biella Province	626	96.3	1.3	0.3	22.5					
Italy, Brescia Province	1752	88.8	1.7	0.0	16.2					
Italy, Ferrara Province	957	83.1	0.8	0.0	26.3					
Italy, Florence and Prato	3268	83.1	0.8	0.0	28.4					
Italy, Genoa Province	1827	85.9	2.1	0.0	27.1					
Italy, Macerata Province	611	89.5	2.6	0.3	25.5					
Italy, Milan	3207	84.0	0.9	0.0	22.1					
Italy, Modena Province	2004	98.1	0.0	0.0	18.5					
Italy, Naples	298	71.5	1.7	0.0	45.0					
Italy, North East Cancer Surveillance Network	7321	95.5	0.4	0.0	22.8					
Italy, Parma Province	1225	92.4	0.6	0.0	26.0					
Italy, Ragusa Province	446	81.4	5.6	3.6	38.1					
Italy, Reggio Emilia Province	1100	92.9	0.1	0.0	27.3					
Italy, Romagna Region	3480	89.2	1.6	0.0	22.5					
Italy, Salerno Province	948	81.3	1.6	0.0	46.0					
Italy, Sassari Province	776	82.2	4.5	1.9	39.7					
Italy, Syracuse Province	448	82.8	2.5	2.9	37.5					
Italy, Sondrio	534	95.3	0.2	0.0	19.9					
Italy, Torino	2935	93.0	1.5	0.1	21.1					
Italy, Umbria Region	2251	86.9	0.4	9.0	34.6					
Italy, Varese Province	1423	93.5	0.1	0.0	17.5					
Italy, Veneto Region	4572	89.7	0.9	0.0	19.8					

*Important. See note on population page.

Indices of data quality
Prostate (C61) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	2548	81.9	2.9	0.7	46.9					
Lithuania	5009	88.6	1.3	0.0	40.4					
Malta	509	91.0	1.0	0.0	37.1					
Norway	14669	92.1	1.0	0.0	36.8					
Poland, Cracow	633	67.1	9.8	0.0	48.8					*
Poland, Kielce	1468	74.9	4.1	5.4	46.0					
Poland, Warsaw City	2002	90.5	0.6	0.0	40.8					
Portugal, Porto	5755	98.3		0.0	32.4					*
Portugal, South Regional	7139	84.0	12.2	0.0	34.0					
Russia, St Petersburg	2654	75.1		5.3	60.7					
Serbia	3385	84.0	8.5	0.1	54.2					
Slovak Republic	4821	86.2	9.3	0.7	53.1					
Slovenia	2875	94.4	2.6	3.0	43.8					
Spain, Albacete	622	85.9	4.8	1.8	26.8					
Spain, Asturias	2768	90.0	4.7	1.8	36.8					
Spain, Basque Country	4282	89.5	3.7	1.1	26.3					
Spain, Canary Islands	2692	86.4	6.6	2.4	29.8					
Spain, Cuenca	457	70.2	5.7	2.6	44.2					
Spain, Girona	1578	90.7	3.8	1.6	29.2					
Spain, Granada	1062	89.2	0.7	0.3	47.5					
Spain, Murcia	1822	86.5	5.3	0.9	36.6					
Spain, Navarra	1558	89.5	2.1	0.1	29.3					
Spain, Tarragona	1111	88.2	4.3	0.2	30.5					
Spain, Zaragoza	1787	97.3	0.6	0.0	43.4					
Sweden	37300	99.3		0.0	32.9					
Switzerland, Geneva	1327	93.9	0.4	0.0	21.0					
Switzerland, Graubunden and Glarus	686	89.7	0.3	0.0	33.1					
Switzerland, Neuchatel	558	93.5	1.4	0.0	28.0					
Switzerland, St Gall-Appenzell	1640	96.0	0.4	0.0	25.8					
Switzerland, Ticino	724	90.5	2.3	0.0	30.7					
Switzerland, Valais	826	89.7	0.6	0.1	24.1					
Switzerland, Vaud	2234	95.3	2.5	0.0	24.0					
The Netherlands	34831	97.9		0.0	33.8					
The Netherlands, Eindhoven	2108	98.3		0.0						
The Netherlands, Maastricht	2029	97.9		0.0	31.3					
UK, East of England Region	7547	86.1	0.3	2.3	33.4					
UK, England, Merseyside and Cheshire	5424	86.7	2.9	0.5	34.4					
UK, England, North Western	9897	88.5	1.5	1.4	32.6					
UK, England, Northern and Yorkshire	15705	90.1	5.2	0.0	32.3					
UK, England, Oxford Region	7073	89.0	0.9	6.7	28.6					
UK, England, South and Western Regions	20113	82.2	1.7	7.3	36.9					
UK, England, Thames	31674	80.9	5.9	3.4	34.4					
UK, England, Trent	10334	79.9	5.4	1.5	38.0					
UK, England, West Midlands	13588	89.4	2.7	0.0	32.8					
UK, Northern Ireland	2759	78.3	0.5	0.0	37.5					
UK, Scotland	10668	84.3	0.3	0.9	35.3					
Oceania										
Australia, New South Wales	19271	94.3	0.8	0.0	23.2					
Australia, Northern Territory	199	97.0	0.5	0.0	13.6					
Australia, Queensland	9436	88.5	1.1	0.3	25.9					
Australia, South	5171	95.5	0.0	0.2	23.2					
Australia, Tasmania	1439	88.0	0.7	0.4	30.0					
Australia, Victoria	13958	91.9	1.9	1.3	25.6					
Australia, Western	4668	94.9	2.2	0.1	20.4					
Australian Capital Territory	753	94.7	0.5	0.0	19.0					
French Polynesia	233	97.0	2.6	0.4	29.6					
New Zealand	13827	89.6	1.9	0.0	20.6					
USA, Hawaii	3762	97.1	0.6	0.5	14.7					
USA, Hawaii: Chinese	283	98.6	0.4	0.0						
USA, Hawaii: Filipino	604	96.9	0.5	0.3						
USA, Hawaii: Hawaiian	328	96.6	0.9	0.3						
USA, Hawaii: Japanese	1184	97.3	0.5	0.6						
USA, Hawaii: White	1140	96.7	0.6	0.6	17.6					

*Important. See note on population page.

Indices of data quality
Testis (C62)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	6	100.0		0.0						*
Egypt, Gharbiah	33	97.0	3.0	0.0	12.1					
Tunisia, Centre, Sousse	5	100.0		0.0						*
Uganda, Kyadondo County	7	71.4		0.0						*
Zimbabwe, Harare: African	16	50.0	18.8	0.0						*
America, Central and South										
Argentina, Bahia Blanca	40	95.0	0.0	5.0	2.5					
Brazil, Brasilia	49	81.6	2.0	16.3	16.3					
Brazil, Cuiaba	10	100.0	0.0	0.0	10.0					
Brazil, Goiania	34	97.1	0.0	0.0	20.6					
Brazil, Sao Paulo	740	76.5	2.0	0.0	13.4					
Chile, Valdivia	86	97.7	1.2	0.0	16.3					
Colombia, Cali	115	93.0	0.9	0.0	20.0					
Costa Rica	276	89.9	1.1	0.0	13.4					
Ecuador, Quito	147	92.5	1.4	0.0	15.0					
France, La Martinique	13	84.6		0.0	9.6					
Peru, Trujillo	38	100.0	0.0	0.0						*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	3034	97.2	0.0	2.4	4.4					
Canada, Alberta	451	99.3	0.0	0.0	4.2					
Canada, British Columbia	520	99.0	0.0	0.0	4.6					
Canada, Manitoba	153	99.3	0.0	0.0	5.9					
Canada, New Brunswick	76	100.0	0.0	0.0	7.9					
Canada, Newfoundland and Labrador	39	100.0		0.0	10.3					
Canada, Northwest Territories	4	100.0	0.0	0.0	25.0					
Canada, Nova Scotia	115	100.0	0.0	0.0	2.6					
Canada, Ontario	1508	95.0	0.1	4.8	4.0					
Canada, Prince Edward Island	19	94.7	0.0	0.0	10.5					
Canada, Saskatchewan	149	100.0	0.0	0.0	2.7					
USA, Alabama	443	99.1	0.2	0.2	3.6					
USA, Alabama: Black	34	97.1	0.0	2.9	2.9					
USA, Alabama: White	401	99.3	0.2	0.0	3.7					
USA, Alaska	98	100.0	0.0	0.0	3.1					
USA, Arizona	665	99.2	0.0	0.5	6.0					
USA, California	4585	99.5	0.1	0.1	5.7					
USA, California: Asian and Pacific Islander	180	99.4	0.0	0.0	4.4					
USA, California: Black	96	97.9	0.0	1.0	12.5					
USA, California: Hispanic White	1171	99.6	0.0	0.1	6.5					
USA, California: Non-Hispanic White	3063	99.5	0.1	0.1	5.3					
USA, California, Greater San Francisco Bay Area	926	99.6	0.1	0.0	4.5					
USA, California, Greater San Francisco Bay Area: Black	31	100.0	0.0	0.0	6.5					
USA, California, Greater San Francisco Bay Area: Chinese	25	96.0	0.0	0.0						
USA, California, Greater San Francisco Bay Area: Filipino	8	100.0	0.0	0.0						
USA, California, Greater San Francisco Bay Area: Japanese	13	100.0	0.0	0.0						
USA, California, Greater San Francisco Bay Area: Hispanic White	164	100.0	0.0	0.0	4.9					
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	640	99.5	0.2	0.0	4.2					
USA, California, Los Angeles County	1126	99.6	0.0	0.2	6.6					
USA, California, Los Angeles County: Black	29	93.1	0.0	3.4	27.6					
USA, California, Los Angeles County: Chinese	14	100.0	0.0	0.0						
USA, California, Los Angeles County: Filipino	11	100.0	0.0	0.0	9.1					
USA, California, Los Angeles County: Japanese	10	100.0	0.0	0.0						
USA, California, Los Angeles County: Korean	3	100.0	0.0	0.0						
USA, California, Los Angeles County: Hispanic White	444	99.8	0.0	0.0	7.0					
USA, California, Los Angeles County: Non-Hispanic White	597	99.8	0.0	0.2	5.7					
USA, Colorado	698	99.0	0.1	0.3	3.3					
USA, Connecticut	493	99.6	0.2	0.0	3.0					
USA, Connecticut: Black	14	100.0	0.0	0.0						
USA, Connecticut: White	467	99.6	0.2	0.0	3.2					
USA, District of Columbia	50	96.0	0.0	4.0	6.0					
USA, District of Columbia: Black	7	100.0	0.0	0.0	42.9					
USA, District of Columbia: White	40	97.5	0.0	2.5						
USA, Florida	1840	99.2	0.3	0.0	6.7					
USA, Florida: Black	70	97.1	1.4	0.0	17.1					
USA, Florida: White	1735	99.3	0.3	0.0	6.3					
USA, Georgia	858	99.4	0.0	0.3	3.6					
USA, Georgia: Black	66	98.5	0.0	0.0	10.6					
USA, Georgia: White	779	99.5	0.0	0.4	3.1					
USA, Georgia, Atlanta	340	99.1	0.0	0.3	3.8					
USA, Georgia, Atlanta: Black	37	97.3	0.0	0.0	10.8					
USA, Georgia, Atlanta: White	294	99.3	0.0	0.3	3.1					
USA, Idaho	185	98.9	0.0	0.0	5.4					
USA, Illinois	1554	99.3	0.3	0.1	4.4					
USA, Illinois: Black	60	98.3	0.0	0.0	13.3					
USA, Illinois: White	1426	99.3	0.4	0.1	4.3					
USA, Indiana	817	99.4	0.0	0.0	3.4					
USA, Iowa	467	99.8	0.0	0.0	5.8					
USA, Kentucky	511	98.8	0.2	0.6	3.3					
USA, Louisiana	454	99.1	0.0	0.0	5.7					
USA, Louisiana: Black	45	97.8	0.0	0.0	15.6					
USA, Louisiana: White	405	99.3	0.0	0.0	4.7					
USA, Louisiana, New Orleans: Black	14	100.0	0.0	0.0	14.3					
USA, Louisiana, New Orleans: White	75	100.0	0.0	0.0	4.0					

*Important. See note on population page.

Indices of data quality
Testis (C62) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	204	99.0	0.0	0.5	3.4					
USA, Massachusetts	1019	99.5	0.2	0.0	4.3					
USA, Michigan	1292	99.1	0.1	0.5	4.5					
USA, Michigan: Black	41	97.6	0.0	0.0	17.1					
USA, Michigan: White	1220	99.1	0.1	0.5	4.1					
USA, Michigan, Detroit	515	99.6	0.0	0.2	3.5					
USA, Michigan, Detroit: Black	28	100.0	0.0	0.0	14.3					
USA, Michigan, Detroit: White	478	99.6	0.0	0.2	2.7					
USA, Missouri	640	99.5	0.0	0.2	3.6					
USA, Missouri: Black	17	94.1	0.0	5.9	5.9					
USA, Missouri: White	618	99.7	0.0	0.0	3.6					
USA, Montana	137	99.3	0.7	0.0	6.6					
USA, NPCR	29216	99.2	0.2	0.3	5.0					
USA, NPCR: Black	887	98.2	0.2	0.7	10.8					
USA, NPCR: White	27275	99.2	0.2	0.3	4.9					
USA, New Jersey	1183	99.6	0.0	0.1	3.6					
USA, New Jersey: Black	47	100.0	0.0	0.0	6.4					
USA, New Jersey: White	1101	99.5	0.0	0.1	3.5					
USA, New Mexico	237	98.3	0.4	0.4	6.3					
USA, New Mexico: American Indian	16	100.0	0.0	0.0	6.3					
USA, New Mexico: Hispanic White	89	96.6	0.0	1.1	9.0					
USA, New Mexico: Non-Hispanic White	131	99.2	0.8	0.0	4.6					
USA, New York State	2360	98.7	0.1	0.5	4.8					
USA, New York State: Black	108	98.1	0.0	1.9	7.4					
USA, New York State: White	2190	98.7	0.1	0.4	4.7					
USA, Ohio	1507	99.2	0.3	0.3	6.4					
USA, Ohio: Black	43	97.7	2.3	0.0	11.6					
USA, Ohio: White	1413	99.2	0.2	0.3	6.4					
USA, Oklahoma	385	99.5	0.0	0.0	6.2					
USA, Oregon	612	99.2	0.2	0.0	5.6					
USA, Pennsylvania	1739	99.6	0.2	0.1	4.2					
USA, Pennsylvania: Black	52	100.0	0.0	0.0	5.8					
USA, Pennsylvania: White	1663	99.6	0.2	0.1	4.2					
USA, Rhode Island	148	99.3	0.0	0.0	4.1					
USA, SEER (9 Registries)	3800	99.7	0.1	0.1	4.3					
USA, SEER (9 Registries): Black	121	99.2	0.0	0.0	8.3					
USA, SEER (9 Registries): White	3465	99.7	0.1	0.1	4.0					
USA, SEER (14 Registries)	9956	99.5	0.1	0.1	4.9					
USA, SEER (14 Registries): Asian and Pacific Islander	315	99.7	0.0	0.0	5.4					
USA, SEER (14 Registries): Black	298	98.7	0.0	0.3	10.1					
USA, SEER (14 Registries): Hispanic White	1489	99.5	0.0	0.1	6.0					
USA, SEER (14 Registries): Non-Hispanic White	7701	99.5	0.1	0.1	4.4					
USA, South Carolina	385	99.0	0.0	0.8	7.5					
USA, South Carolina: Black	29	100.0	0.0	0.0	17.2					
USA, South Carolina: White	351	98.9	0.0	0.9	6.8					
USA, Texas	2520	98.2	0.3	1.0	5.9					
USA, Texas: Black	77	97.4	0.0	1.3	11.7					
USA, Texas: White	2373	98.3	0.3	0.8	5.9					
USA, Utah	333	100.0	0.0	0.0	3.6					
USA, Vermont	110	99.1	0.9	0.0	2.7					
USA, Washington State	983	99.3	0.2	0.2	4.8					
USA, Washington, Seattle	685	99.9	0.0	0.0	3.9					
USA, West Virginia	202	99.5	0.0	0.0	4.0					
USA, Wisconsin	914	98.4	0.4	0.9	4.3					
Asia										
Bahrain: Bahraini	11	81.8	0.0	9.1	9.1					
China, Guangzhou City	43	86.0	0.0	0.0	9.3					*
China, Hong Kong	292	96.6	0.3	0.0	7.2					
China, Jiashan	8	100.0	0.0	0.0						*
China, Nangang District, Harbin City	5	100.0	0.0	0.0	40.0					
China, Shanghai	142	88.7	0.7	0.0	20.4					*
China, Zhongshan	24	91.7	0.0	0.0						*
Cyprus	72	98.6		0.0						*
India, Chennai (Madras)	75	82.7	1.3	8.0	25.3					
India, New Delhi	242	88.8	0.4	0.0						*
India, Karunagappally	2	100.0	0.0	0.0						
India, Mumbai (Bombay)	256	87.9	2.0	0.4	14.8					
India, Nagpur	50	84.0	0.0	0.0						*
India, Poona	66	92.4	1.5	0.0						*
India, Trivandrum	13	100.0	0.0	0.0						*
Israel	587	91.1	0.3	5.3	3.4					
Israel: Jews	520	93.7	0.4	3.1						
Israel: Non-Jews	41	92.7	0.0	7.3						
Japan, Aichi Prefecture	55	98.2	1.8	0.0	5.5					
Japan, Fukui Prefecture	41	92.7	4.9	0.0	7.3					
Japan, Hiroshima	81	97.5	0.0	0.0	8.6					
Japan, Miyagi Prefecture	152	95.4	0.0	0.0	6.6					
Japan, Nagasaki Prefecture	53	98.1	1.9	0.0	15.1					
Japan, Osaka Prefecture	264	90.2	1.5	0.0	17.8					
Japan, Yamagata Prefecture	42	88.1	4.8	0.0	9.5					

*Important. See note on population page.

Indices of data quality
Testis (C62) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	554	94.8	0.9	0.0	13.9					
Korea, Busan	47	93.6	0.0	0.0	21.3					
Korea, Daegu	38	94.7	2.6	0.0	15.8					
Korea, Daejeon	13	92.3	0.0	0.0	15.4					
Korea, Gwangju	20	100.0	0.0	0.0	5.0					
Korea, Incheon	31	93.5	0.0	0.0	9.7					
Korea, Jejudo	2	50.0	0.0	0.0						
Korea, Seoul	181	94.5	1.7	0.0	9.0					
Korea, Ulsan	15	100.0	0.0	0.0	6.7					
Kuwait: Kuwaitis	24	100.0	0.0	0.0						
Kuwait: Non-Kuwaitis	37	100.0	0.0	0.0						
Malaysia, Penang	21	100.0	0.0	0.0						
Malaysia, Sarawak	42	90.5	7.1	2.4	11.9					
Oman: Omani	12	91.7	0.0	0.0						*
Pakistan, South Karachi	53	98.1	0.0	0.0						*
Philippines, Manila	147	80.3	4.8	0.0						*
Singapore	85	97.6	1.2	0.0	9.4					
Singapore: Chinese	64	96.9	1.6	0.0						
Singapore: Indian	6	100.0	0.0	0.0						
Singapore: Malay	15	100.0	0.0	0.0						
Thailand, Chiang Mai	32	87.5	0.0	0.0						*
Thailand, Lampang	14	85.7	0.0	0.0	21.4					*
Thailand, Songkhla	11	100.0	0.0	0.0	18.2					
Turkey, Antalya	87	96.6	2.3	0.0	9.2					*
Turkey, Izmir	228	96.5	0.0	0.4						*
Europe										
Austria	1717	99.4	0.5	0.1	4.6					
Austria, Tyrol	146	100.0	0.0	0.0	3.4					
Austria, Vorarlberg	80	98.8	0.0	1.3	3.8					
Belarus	445	97.3		0.0						*
Belgium, Antwerp	158	99.4		0.0						*
Belgium, Flanders	461	97.0		3.0	4.6					
Bulgaria	816	93.6	2.6	0.0	22.1					*
Croatia	610	65.9	1.3	32.8	12.0					
Czech Republic	1859	97.8	0.4	0.7	12.0					
Denmark	1361	98.5	0.2	0.9	5.8					
Estonia	85	98.8	0.0	0.0	20.0					
Finland	469	99.4	0.0	0.4	6.2					
France, Bas-Rhin	198	99.5		0.0						
France, Calvados	81	98.8		0.0						
France, Doubs	76	100.0		0.0						
France, Haut-Rhin	145	100.0		0.0						
France, Herault	104	100.0		0.0						
France, Isere	151	98.7		0.7						
France, Loire-Atlantique	178	100.0		0.0						
France, Manche	51	100.0		0.0						
France, Somme	69	100.0	0.0	0.0						
France, Tarn	46	100.0		0.0						
France, Vendee	81	97.5		1.2						
Germany, Brandenburg	589	95.2	1.5	2.9	16.3					
Germany, Free State of Saxony	1042	95.8	2.1	1.0	6.5					
Germany, Hamburg	308	94.2	0.3	0.0	9.7					
Germany, Mecklenburg-Western Pomerania	482	96.9	2.3	0.4	4.8					
Germany, Munich	613	98.0	0.5	0.0	3.8					
Germany, Northrhine-Westphalia: Munster	587	94.9	1.5	0.2	4.3					
Germany, Saarland	247	99.6	0.4	0.0	2.0					
Iceland	40	100.0	0.0	0.0	5.0					
Ireland	583	97.4	0.3	0.3	6.5					
Italy, Biella Province	32	100.0	0.0	0.0	6.3					
Italy, Brescia Province	94	91.5	0.0	0.0	5.3					
Italy, Ferrara Province	43	100.0	0.0	0.0	7.0					
Italy, Florence and Prato	118	95.8	0.0	0.0	11.9					
Italy, Genoa Province	58	94.8	0.0	0.0	1.7					
Italy, Macerata Province	25	92.0	0.0	0.0	4.0					
Italy, Milan	139	96.4	0.7	0.0	7.2					
Italy, Modena Province	90	98.9	0.0	0.0	3.3					
Italy, Naples	55	100.0	0.0	0.0						
Italy, North East Cancer Surveillance Network	292	99.0	0.0	0.0	4.1					
Italy, Parma Province	47	100.0	0.0	0.0	10.6					
Italy, Ragusa Province	27	100.0	0.0	0.0	3.7					
Italy, Reggio Emilia Province	64	92.2	0.0	0.0	9.4					
Italy, Romagna Region	139	92.8	0.0	0.0	6.5					
Italy, Salerno Province	108	87.0	0.0	0.0	11.1					
Italy, Sassari Province	58	98.3	0.0	0.0	1.7					
Italy, Syracuse Province	35	97.1	0.0	0.0	11.4					
Italy, Sondrio	40	95.0	0.0	0.0						
Italy, Torino	132	100.0	0.0	0.0	3.8					
Italy, Umbria Region	120	80.8	0.0	15.0	7.5					
Italy, Varese Province	95	98.9	0.0	0.0	5.3					
Italy, Veneto Region	227	98.7	0.4	0.0	4.4					

*Important. See note on population page.

Indices of data quality
Testis (C62) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	128	93.8	0.8	0.8	33.6					
Lithuania	185	94.6	0.0	0.0	30.8					
Malta	41	100.0	0.0	0.0	7.3					
Norway	1171	99.6	0.0	0.0	4.3					
Poland, Cracow	85	96.5	0.0	0.0	13.2					*
Poland, Kielce	102	94.1	0.0	1.0	22.1					
Poland, Warsaw City	179	95.0	0.0	0.0	14.5					
Portugal, Porto	155	99.4		0.0	13.5					*
Portugal, South Regional	137	95.6	3.6	0.0	22.6					
Russia, St Petersburg	215	94.0		1.9						
Serbia	563	86.0	1.2	0.2	13.3					
Slovak Republic	980	98.0	0.9	0.0	9.4					
Slovenia	411	100.0	0.0	0.0	5.1					
Spain, Albacete	28	100.0	0.0	0.0	3.6					
Spain, Asturias	66	95.5	0.0	1.5	5.1					
Spain, Basque Country	151	98.7	1.3	0.0	4.6					
Spain, Canary Islands	99	98.0	1.0	0.0	5.1					
Spain, Cuenca	15	93.3	6.7	0.0	13.3					
Spain, Girona	59	100.0	0.0	0.0						
Spain, Granada	54	100.0	0.0	0.0	7.4					
Spain, Murcia	92	96.7	0.0	0.0	6.5					
Spain, Navarra	41	100.0	0.0	0.0	9.8					
Spain, Tarragona	48	100.0	0.0	0.0	6.3					
Spain, Zaragoza	57	94.7	3.5	0.0	15.8					
Sweden	1214	99.9		0.0	3.7					
Switzerland, Geneva	82	98.8	0.0	0.0	3.7					
Switzerland, Graubunden and Glarus	65	100.0	0.0	0.0	1.5					
Switzerland, Neuchatel	26	100.0	0.0	0.0	11.5					
Switzerland, St Gall-Appenzell	147	98.6	0.0	0.0	8.2					
Switzerland, Ticino	75	100.0	0.0	0.0	4.0					
Switzerland, Valais	62	100.0	0.0	0.0	4.8					
Switzerland, Vaud	151	100.0	0.0	0.0	4.0					
The Netherlands	2611	99.7		0.0	5.0					
The Netherlands, Eindhoven	158	99.4		0.0						
The Netherlands, Maastricht	126	100.0		0.0	8.7					
UK, East of England Region	446	98.4	0.0	0.4	3.8					
UK, England, Merseyside and Cheshire	401	91.8	0.5	0.5	4.7					
UK, England, North Western	702	98.7	0.1	0.0	5.1					
UK, England, Northern and Yorkshire	1104	99.3	0.3	0.0	3.6					
UK, England, Oxford Region	565	96.6	0.0	2.5	2.7					
UK, England, South and Western Regions	1316	89.0	0.3	1.0	4.0					
UK, England, Thames	2156	94.2	0.6	2.7	3.0					
UK, England, Trent	699	97.9	0.3	0.6	4.7					
UK, England, West Midlands	809	96.9	0.6	0.0	5.3					
UK, Northern Ireland	277	97.5	0.0	0.0	4.0					
UK, Scotland	1038	97.9	0.1	0.3	4.5					
Oceania										
Australia, New South Wales	1044	97.8	0.1	0.0	4.5					
Australia, Northern Territory	18	100.0	0.0	0.0	5.6					
Australia, Queensland	537	97.6	0.0	0.0	2.8					
Australia, South	220	97.3	0.0	0.5	3.6					
Australia, Tasmania	84	100.0	0.0	0.0	1.0					
Australia, Victoria	734	97.3	0.4	0.7	3.5					
Australia, Western	288	100.0	0.0	0.0	2.8					
Australian Capital Territory	61	96.7	0.0	0.0	3.3					
French Polynesia	18	100.0	0.0	0.0	11.1					
New Zealand	696	98.4	0.1	0.0	6.0					
USA, Hawaii	133	100.0	0.0	0.0	8.3					
USA, Hawaii: Chinese	7	100.0	0.0	0.0						
USA, Hawaii: Filipino	11	100.0	0.0	0.0						
USA, Hawaii: Hawaiian	28	100.0	0.0	0.0						
USA, Hawaii: Japanese	24	100.0	0.0	0.0						
USA, Hawaii: White	53	100.0	0.0	0.0	7.5					

*Important. See note on population page.

Indices of data quality
Kidney etc. (C64-66, C68)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	18	94.4		0.0		35	97.1		0.0	*
Egypt, Gharbiah	157	86.6	5.7	0.0	20.4	92	84.8	7.6	0.0	17.4
Tunisia, Centre, Sousse	34	100.0		0.0		18	88.9		0.0	*
Uganda, Kyadondo County	23	78.3		0.0		17	70.6		0.0	*
Zimbabwe, Harare: African	46	69.6	13.0	0.0		38	81.6	7.9	0.0	*
America, Central and South										
Argentina, Bahia Blanca	81	90.1	9.9	0.0	70.4	39	84.6	10.3	2.6	94.9
Brazil, Brasilia	123	88.6	2.4	8.9	33.3	94	90.4	3.2	6.4	20.2
Brazil, Cuiaba	21	61.9	14.3	14.3	28.6	13	92.3	7.7	0.0	15.4
Brazil, Goiania	72	83.3	12.5	0.0	50.0	50	90.0	6.0	0.0	40.0
Brazil, Sao Paulo	1469	74.1	9.1	0.0	33.7	925	74.3	8.6	0.0	33.0
Chile, Valdivia	62	87.1	0.0	0.0	51.6	39	82.1	2.6	0.0	61.5
Colombia, Cali	139	80.6	2.2	0.0	46.0	117	79.5	6.0	0.0	39.3
Costa Rica	309	73.5	7.4	0.0	43.0	198	73.2	10.6	0.0	39.9
Ecuador, Quito	84	82.1	8.3	0.0	38.1	63	73.0	19.0	0.0	47.6
France, La Martinique	32	90.6		3.1	46.9	26	80.8		0.0	38.5
Peru, Trujillo	35	100.0	0.0	0.0		20	100.0	0.0	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	9113	81.9	1.1	8.9	33.3	5581	79.0	1.5	10.5	32.5
Canada, Alberta	988	83.8	0.4	0.1	35.1	642	83.2	0.5	0.2	34.0
Canada, British Columbia	1246	85.5	1.4	0.0	41.5	747	80.6	3.7	0.0	41.8
Canada, Manitoba	553	75.4	3.8	0.0	38.9	323	71.2	3.1	0.0	39.3
Canada, New Brunswick	348	85.6	0.0	0.0	34.2	246	85.4	0.0	0.0	35.0
Canada, Newfoundland and Labrador	184	95.1		0.0	46.2	123	91.9		0.0	48.0
Canada, Northwest Territories	7	100.0	0.0	0.0	42.9	2	100.0	0.0	0.0	150.0
Canada, Nova Scotia	484	82.4	1.9	0.6	35.7	318	83.6	1.3	0.6	31.1
Canada, Ontario	4827	80.1	0.8	16.7	28.9	2873	76.5	1.0	20.4	27.7
Canada, Prince Edward Island	60	83.3	0.0	0.0	45.0	32	87.5	0.0	0.0	34.4
Canada, Saskatchewan	416	86.3	2.4	0.0	36.3	275	81.1	2.9	0.0	37.5
USA, Alabama	1627	92.2	0.9	1.5	32.0	1056	90.2	0.8	1.8	31.4
USA, Alabama: Black	304	85.2	1.3	2.6	32.2	244	89.8	0.4	1.2	32.8
USA, Alabama: White	1306	93.9	0.8	1.2	32.3	798	90.2	0.9	2.0	31.3
USA, Alaska	204	92.6	0.0	2.0	28.9	89	89.9	0.0	0.0	16.9
USA, Arizona	2042	89.9	1.9	1.5	31.8	1247	89.3	1.5	1.4	30.2
USA, California	10355	91.6	0.7	0.8	35.1	6181	89.7	0.9	1.0	34.6
USA, California: Asian and Pacific Islander	591	91.4	0.5	0.7	34.9	372	92.7	0.0	0.5	30.6
USA, California: Black	687	90.0	0.7	1.2	33.9	461	87.9	1.5	1.1	31.0
USA, California: Hispanic White	1822	92.0	0.5	0.8	31.7	1213	92.3	0.4	0.6	27.0
USA, California: Non-Hispanic White	7145	91.6	0.7	0.8	36.4	4068	88.8	1.1	1.1	37.8
USA, California, Greater San Francisco Bay Area	1908	91.5	0.8	0.5	33.3	1151	89.2	1.0	0.6	34.1
USA, California, Greater San Francisco Bay Area: Black	139	84.2	2.2	2.2	35.3	115	87.0	1.7	0.9	35.7
USA, California, Greater San Francisco Bay Area: Chinese	72	91.7	1.4	0.0		51	92.2	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Filipino	47	89.4	0.0	2.1		38	97.4	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Japanese	18	83.3	0.0	0.0		17	88.2	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Hispanic White	236	92.8	0.4	0.8	30.9	171	91.2	0.6	0.6	22.8
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	1303	91.9	0.8	0.2	34.1	726	88.3	1.2	0.6	38.6
USA, California, Los Angeles County	2667	92.4	0.5	0.4	33.9	1691	89.5	1.2	1.1	34.5
USA, California, Los Angeles County: Black	315	92.4	0.6	0.0	34.3	211	88.6	1.9	0.9	30.8
USA, California, Los Angeles County: Chinese	51	96.1	0.0	0.0	45.1	35	91.4	0.0	0.0	54.3
USA, California, Los Angeles County: Filipino	53	96.2	0.0	0.0	35.8	37	94.6	0.0	0.0	29.7
USA, California, Los Angeles County: Japanese	37	89.2	0.0	0.0	37.8	21	100.0	0.0	0.0	28.6
USA, California, Los Angeles County: Korean	26	96.2	0.0	0.0	15.4	18	100.0	0.0	0.0	27.8
USA, California, Los Angeles County: Hispanic White	661	90.9	0.8	0.5	32.5	454	92.7	0.7	0.2	28.9
USA, California, Los Angeles County: Non-Hispanic White	1486	92.7	0.4	0.6	34.6	886	87.5	1.6	1.5	38.4
USA, Colorado	1367	87.0	2.0	1.2	31.7	844	85.7	2.4	1.7	28.9
USA, Connecticut	1497	94.7	0.6	0.3	31.1	987	91.8	0.9	0.8	29.0
USA, Connecticut: Black	94	97.9	0.0	0.0	22.3	61	93.4	0.0	0.0	23.0
USA, Connecticut: White	1379	94.3	0.7	0.4	32.2	909	91.5	1.0	0.9	29.9
USA, District of Columbia	198	81.3	4.0	3.0	30.8	136	89.0	2.9	1.5	24.3
USA, District of Columbia: Black	133	76.7	3.8	3.0	39.1	106	86.8	2.8	1.9	20.8
USA, District of Columbia: White	55	94.5	5.5	0.0	16.4	25	96.0	4.0	0.0	40.0
USA, Florida	7822	91.0	2.3	0.4	30.3	4672	89.2	3.0	0.4	27.9
USA, Florida: Black	514	88.9	4.1	0.2	31.1	393	89.3	1.5	0.5	24.4
USA, Florida: White	7214	91.2	2.2	0.4	30.5	4235	89.2	3.2	0.4	28.5
USA, Georgia	2638	91.9	2.2	0.4	31.0	1687	88.3	2.8	0.4	28.9
USA, Georgia: Black	628	90.4	1.4	0.5	27.9	416	88.2	1.4	0.5	26.0
USA, Georgia: White	1991	92.3	2.5	0.4	32.1	1252	88.3	3.3	0.3	29.9
USA, Georgia, Atlanta	794	96.0	0.9	0.0	29.5	450	90.0	1.8	0.2	32.4
USA, Georgia, Atlanta: Black	241	95.0	0.8	0.0	23.7	144	90.3	1.4	0.0	27.1
USA, Georgia, Atlanta: White	542	96.3	0.9	0.0	32.1	297	89.6	2.0	0.3	35.4
USA, Idaho	432	88.0	1.2	0.2	35.4	319	89.3	2.5	0.9	31.0
USA, Illinois	5016	91.8	1.7	0.4	32.7	3421	89.3	2.1	0.4	31.7
USA, Illinois: Black	596	89.9	2.3	0.8	33.1	449	86.6	3.8	0.4	28.7
USA, Illinois: White	4300	91.9	1.7	0.3	33.2	2902	89.5	1.9	0.4	32.4
USA, Indiana	2583	91.6	1.2	0.6	36.3	1820	90.7	1.0	0.6	34.1
USA, Iowa	1302	89.7	1.4	0.2	42.4	867	88.1	1.6	0.2	38.1
USA, Kentucky	1808	90.7	0.8	1.8	34.5	1185	87.4	1.0	2.2	34.7
USA, Louisiana	2014	91.7	0.8	0.3	31.8	1318	87.5	0.7	0.5	33.2
USA, Louisiana: Black	486	86.0	1.4	0.0	29.2	336	87.2	0.0	0.6	30.4
USA, Louisiana: White	1524	93.6	0.7	0.4	32.5	979	87.6	0.9	0.4	34.1
USA, Louisiana, New Orleans: Black	125	84.8	0.8	0.0	29.6	98	85.7	0.0	0.0	32.7
USA, Louisiana, New Orleans: White	316	93.0	0.3	0.9	32.0	204	87.3	1.5	0.0	32.4

*Important. See note on population page.

Indices of data quality
Kidney etc. (C64-66, C68) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	635	90.1	1.1	1.6	34.8	377	88.6	1.3	1.3	36.1
USA, Massachusetts	2630	93.0	1.7	1.3	30.6	1865	89.8	2.2	1.9	28.0
USA, Michigan	4021	91.9	1.0	1.4	33.2	2681	89.5	1.1	1.8	32.2
USA, Michigan: Black	526	90.7	1.0	1.5	25.9	380	90.0	0.5	1.3	25.8
USA, Michigan: White	3421	92.0	1.0	1.4	34.6	2254	89.4	1.2	1.8	33.6
USA, Michigan, Detroit	1769	93.2	0.8	0.5	31.2	1197	89.2	1.8	0.8	32.2
USA, Michigan, Detroit: Black	386	91.5	0.5	1.0	25.4	301	91.0	0.7	0.7	27.6
USA, Michigan, Detroit: White	1350	93.6	1.0	0.4	33.2	885	88.6	2.1	0.7	34.1
USA, Missouri	2429	90.9	2.3	2.1	34.0	1635	89.2	2.3	2.5	33.5
USA, Missouri: Black	218	88.5	1.8	1.4	27.1	150	88.0	3.3	2.0	24.7
USA, Missouri: White	2195	91.1	2.4	2.2	34.7	1467	89.3	2.2	2.5	34.4
USA, Montana	375	92.0	2.7	0.3	37.6	218	85.3	5.0	0.5	34.4
USA, NPCR	89022	91.2	1.6	0.9	32.1	57133	89.2	1.9	1.2	30.9
USA, NPCR: Black	7891	88.9	2.2	1.1	30.1	5768	88.5	1.9	1.1	27.5
USA, NPCR: White	78498	91.4	1.6	0.9	32.7	49732	89.2	2.0	1.2	31.7
USA, New Jersey	3816	92.6	1.1	0.7	30.4	2424	90.0	1.3	1.0	30.9
USA, New Jersey: Black	365	90.1	2.2	0.0	31.2	262	91.2	0.4	1.5	27.1
USA, New Jersey: White	3337	92.7	1.0	0.8	30.8	2105	89.8	1.4	1.0	31.9
USA, New Mexico	679	88.4	2.5	0.1	38.3	382	85.1	3.1	2.1	34.3
USA, New Mexico: American Indian	47	85.1	4.3	0.0	40.4	31	90.3	0.0	0.0	32.3
USA, New Mexico: Hispanic White	240	88.3	1.7	0.0	30.8	152	84.9	3.3	2.0	30.9
USA, New Mexico: Non-Hispanic White	382	89.0	2.9	0.3	42.9	190	84.2	3.7	2.6	37.9
USA, New York State	7944	91.3	1.2	1.0	27.1	5142	88.0	1.8	1.7	27.5
USA, New York State: Black	696	90.4	1.6	0.9	23.9	553	88.8	1.1	1.8	23.7
USA, New York State: White	7039	91.3	1.2	1.0	27.7	4468	87.8	1.9	1.7	28.4
USA, Ohio	4432	92.5	2.7	1.2	36.9	3165	90.8	2.9	1.3	34.5
USA, Ohio: Black	400	91.5	2.8	1.5	36.0	320	90.3	2.8	1.6	28.4
USA, Ohio: White	3943	92.5	2.7	1.1	37.8	2784	90.9	2.9	1.3	35.9
USA, Oklahoma	1404	88.0	2.1	0.4	40.7	893	87.8	2.9	0.3	40.1
USA, Oregon	1282	90.2	1.0	0.9	37.5	776	90.1	0.9	0.9	33.8
USA, Pennsylvania	5971	90.6	0.9	0.6	30.4	3967	89.1	0.7	0.8	31.2
USA, Pennsylvania: Black	498	85.5	2.0	0.4	25.1	342	84.5	1.2	0.6	30.7
USA, Pennsylvania: White	5367	90.9	0.8	0.7	31.4	3555	89.5	0.6	0.8	31.8
USA, Rhode Island	526	92.4	1.0	0.4	30.0	351	87.5	3.7	0.9	35.6
USA, SEER (9 Registries)	9779	92.0	0.9	0.3	34.6	6042	89.1	1.4	0.9	33.1
USA, SEER (9 Registries): Black	939	91.6	0.7	0.7	26.7	674	90.2	1.0	0.6	28.0
USA, SEER (9 Registries): White	8187	92.0	1.0	0.3	35.9	4979	88.8	1.5	0.9	34.2
USA, SEER (14 Registries)	26562	91.9	0.8	0.7	34.2	16440	89.2	1.1	1.0	33.5
USA, SEER (14 Registries): Asian and Pacific Islander	1032	92.5	0.4	0.7	33.7	630	91.7	0.0	0.8	29.7
USA, SEER (14 Registries): Black	2483	90.1	1.0	0.6	29.6	1720	89.0	1.0	0.9	28.8
USA, SEER (14 Registries): Hispanic White	2482	92.2	0.6	0.7	29.2	1637	91.6	0.6	0.7	25.3
USA, SEER (14 Registries): Non-Hispanic White	20243	92.0	0.8	0.7	35.6	12274	88.8	1.3	1.1	35.6
USA, South Carolina	1670	90.4	2.9	2.0	32.6	984	90.4	2.0	1.5	30.1
USA, South Carolina: Black	350	88.9	2.9	2.0	32.0	267	90.6	1.1	0.0	25.8
USA, South Carolina: White	1295	90.9	2.9	1.8	33.4	706	90.2	2.4	2.1	32.0
USA, Texas	7846	89.8	3.3	1.5	33.4	5076	88.7	3.7	1.8	30.3
USA, Texas: Black	709	87.9	4.1	2.3	33.9	582	85.9	4.6	1.7	33.0
USA, Texas: White	6985	89.9	3.2	1.3	33.9	4397	89.0	3.6	1.7	30.4
USA, Utah	493	90.7	0.4	0.2	34.3	314	92.4	0.0	0.3	26.4
USA, Vermont	234	93.6	1.3	0.9	37.2	151	92.7	0.0	0.0	25.2
USA, Washington State	2334	89.8	1.0	0.8	33.6	1321	87.0	1.1	2.0	33.1
USA, Washington, Seattle	1532	90.1	0.7	0.5	36.6	874	87.3	1.0	2.1	35.4
USA, West Virginia	878	91.1	1.8	0.6	31.4	569	89.8	1.1	1.2	33.7
USA, Wisconsin	2248	92.3	2.1	1.4	35.2	1486	90.2	2.6	2.2	30.1
Asia										
Bahrain: Bahraini	27	74.1	11.1	0.0	59.3	25	84.0	4.0	0.0	44.0
China, Guangzhou City	162	75.9	0.0	0.0	39.5	96	66.7	0.0	0.0	50.0*
China, Hong Kong	1033	89.3	1.5	0.0	38.3	601	86.7	1.8	0.0	43.4
China, Jiashan	24	62.5	0.0	0.0		11	72.7	0.0	0.0	*
China, Nangang District, Harbin City	84	91.7	0.0	0.0	60.7	48	87.5	0.0	0.0	50.0
China, Shanghai	1271	69.9	0.4	0.0	29.4	733	72.2	0.7	0.0	31.2*
China, Zhongshan	65	69.2	0.0	0.0		21	90.5	0.0	0.0	*
Cyprus	119	95.8		0.8		60	95.0		0.0	*
India, Chennai (Madras)	122	89.3	1.6	8.2	27.0	77	83.1	5.2	9.1	35.1
India, New Delhi	578	90.3	0.3	0.0		231	89.2	0.0	0.0	*
India, Karunagappally	6	83.3	0.0	0.0	16.7	3	66.7	0.0	0.0	33.3
India, Mumbai (Bombay)	446	92.8	2.2	0.4	26.2	203	90.6	3.9	0.5	29.6
India, Nagpur	45	100.0	0.0	0.0		23	100.0	0.0	0.0	*
India, Poona	112	93.8	2.7	0.0		62	90.3	4.8	0.0	*
India, Trivandrum	42	83.3	0.0	0.0		10	70.0	10.0	0.0	*
Israel	1970	87.6	2.2	2.7	27.9	1166	86.8	2.8	3.2	25.9
Israel: Jews	1828	89.2	1.9	2.4		1098	88.7	1.9	3.0	
Israel: Non-Jews	86	88.4	2.3	2.3		35	82.9	2.9	5.7	
Japan, Aichi Prefecture	256	77.0	16.4	6.6	46.5	104	76.0	13.5	10.6	43.3
Japan, Fukui Prefecture	285	75.8	3.9	2.1	43.2	139	67.6	3.6	1.4	51.1
Japan, Hiroshima	385	89.1	2.3	0.0	29.9	160	85.6	5.0	0.0	35.6
Japan, Miyagi Prefecture	885	84.4	5.3	0.0	32.5	410	77.3	11.0	0.0	40.5
Japan, Nagasaki Prefecture	543	85.5	6.3	0.0	37.2	291	81.1	7.9	0.3	40.2
Japan, Osaka Prefecture	1989	76.1	7.8	0.0	52.6	939	70.8	11.9	0.0	56.3
Japan, Yamagata Prefecture	324	68.5	13.0	2.2	58.6	225	67.6	12.0	4.0	45.8

*Important. See note on population page.

Indices of data quality
Kidney etc. (C64-66, C68) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	5280	83.9	2.9	0.0	32.3	2436	79.7	3.4	0.0	33.5
Korea, Busan	538	81.2	1.3	0.0	35.5	264	75.4	2.7	0.0	39.4
Korea, Daegu	326	85.3	1.8	0.0	31.0	169	79.3	2.4	0.0	32.0
Korea, Daejeon	175	85.1	2.9	0.0	25.1	72	79.2	2.8	0.0	25.0
Korea, Gwangju	153	81.0	0.7	0.0	28.8	63	81.0	0.0	0.0	31.7
Korea, Incheon	280	82.9	2.1	0.0	35.7	141	79.4	1.4	0.0	35.5
Korea, Jejudo	44	86.4	0.0	0.0	27.3	25	76.0	4.0	0.0	42.0
Korea, Seoul	1524	86.7	3.1	0.0	27.1	674	81.5	4.0	0.0	28.4
Korea, Ulsan	104	86.5	4.8	0.0	26.9	43	83.7	2.3	0.0	41.9
Kuwait: Kuwaitis	63	85.7	7.9	0.0		27	74.1	14.8	0.0	
Kuwait: Non-Kuwaitis	44	88.6	2.3	0.0		17	82.4	17.6	0.0	
Malaysia, Penang	85	88.2	1.2	0.0		43	79.1	4.7	0.0	
Malaysia, Sarawak	79	78.5	8.9	0.0	19.0	32	100.0	0.0	0.0	
Oman: Omani	37	89.2	0.0	0.0		35	91.4	0.0	0.0	*
Pakistan, South Karachi	56	96.4	0.0	0.0		21	95.2	0.0	0.0	*
Philippines, Manila	319	65.8	17.9	0.0		231	62.3	20.3	0.0	*
Singapore	456	82.5	0.0	0.0	44.3	274	77.7	0.0	0.0	47.8
Singapore: Chinese	411	83.7	0.0	0.0		238	77.3	0.0	0.0	
Singapore: Indian	14	78.6	0.0	0.0		8	75.0	0.0	0.0	
Singapore: Malay	31	67.7	0.0	0.0		28	82.1	0.0	0.0	
Thailand, Chiang Mai	78	87.2	0.0	0.0		40	75.0	0.0	0.0	2.5*
Thailand, Lampang	36	66.7	13.9	0.0	77.8	15	53.3	6.7	0.0	73.3*
Thailand, Songkhla	25	80.0	4.0	0.0	72.0	18	77.8	11.1	0.0	55.6
Turkey, Antalya	97	89.7	5.2	1.0	24.7	55	89.1	5.5	0.0	9.1*
Turkey, Izmir	307	91.9	0.0	1.0		154	94.2	0.0	0.6	*
Europe										
Austria	3986	93.4	4.9	0.1	39.5	3021	89.9	7.7	0.1	41.1
Austria, Tyrol	270	93.0	1.1	0.0	33.7	199	89.9	2.5	0.0	38.2
Austria, Vorarlberg	130	90.8	6.2	0.8	36.9	85	88.2	4.7	1.2	37.6
Belarus	3825	66.2		0.0	51.2	2589	70.3		0.0	42.5*
Belgium, Antwerp	652	92.6		0.0		376	92.8		0.0	*
Belgium, Flanders	1995	93.2		2.5	45.6	1261	90.6		3.4	53.1
Bulgaria	1740	63.5	9.5	0.1	48.5	906	63.2	12.0	0.0	46.2*
Croatia	1636	69.1	4.3	26.5	46.6	1078	62.9	6.6	30.1	40.4
Czech Republic	7631	78.9	3.7	0.3	50.1	4980	76.3	4.8	0.4	49.6
Denmark	1960	85.3	0.5	4.5	52.6	1366	82.1	0.7	4.0	60.5
Estonia	709	83.6	0.6	0.0	51.2	493	82.2	0.0	0.0	47.1
Finland	2189	90.3	1.3	1.1	44.7	1731	87.3	1.8	1.2	45.8
France, Bas-Rhin	546	96.0		0.0	35.2	328	92.4		0.3	36.3
France, Calvados	237	96.2		0.0	36.7	119	94.1		0.0	52.1
France, Doubs	189	92.6		0.5	34.4	87	92.0		0.0	35.6
France, Haut-Rhin	329	95.4		1.2	31.0	219	90.0		1.4	41.6
France, Herault	417	95.9		0.0	40.3	185	96.2		0.0	47.0
France, Isere	370	92.2		0.5	40.3	213	87.8		0.9	32.9
France, Loire-Atlantique	475	97.1		0.4	41.9	256	96.9		0.0	39.1
France, Manche	181	96.1		0.0	44.2	103	92.2		0.0	53.4
France, Somme	259	90.0	0.0	0.8	45.9	124	88.7	0.0	0.0	52.4
France, Tarn	169	86.4		0.6	38.5	90	84.4		0.0	32.2
France, Vendee	202	96.0		2.5	52.5	114	93.9		2.6	71.9
Germany, Brandenburg	1804	82.4	12.7	0.9	86.4	1241	78.8	16.0	0.9	89.9
Germany, Free State of Saxony	3238	84.1	10.7	0.0	29.8	2228	79.5	13.0	0.1	34.1
Germany, Hamburg	716	80.2	5.9	0.0	58.0	478	77.4	10.0	0.0	65.7
Germany, Mecklenburg-Western Pomerania	1245	84.9	10.6	0.2	26.9	849	80.8	14.7	0.2	29.0
Germany, Munich	1222	87.4	5.9	0.0	41.9	791	82.7	8.5	0.0	39.7
Germany, Northrhine-Westphalia: Munster	1212	87.3	7.5	0.6	48.8	820	83.4	11.2	0.4	46.8
Germany, Saarland	605	93.7	3.5	0.0	42.3	405	91.4	4.9	0.0	41.5
Iceland	147	95.2	0.0	0.0	46.3	93	86.0	0.0	0.0	47.3
Ireland	1093	75.1	2.0	0.7	46.3	571	76.9	4.0	1.1	46.2
Italy, Biella Province	116	75.9	0.9	2.6	40.5	60	75.0	1.7	1.7	41.7
Italy, Brescia Province	436	84.6	0.9	0.0	36.0	239	79.9	2.1	0.0	31.8
Italy, Ferrara Province	270	83.0	2.2	0.0	42.6	152	82.2	2.0	0.0	32.2
Italy, Florence and Prato	826	84.0	0.1	0.0	35.5	425	81.6	0.7	0.0	42.1
Italy, Genoa Province	361	79.2	0.0	0.0	36.3	200	70.5	0.5	0.0	36.5
Italy, Macerata Province	99	87.9	3.0	0.0	47.5	51	80.4	0.0	0.0	47.1
Italy, Milan	705	87.2	1.0	0.0	32.9	387	78.3	2.6	0.0	37.5
Italy, Modena Province	437	90.2	0.0	0.0	36.8	221	83.7	0.0	0.0	26.7
Italy, Naples	120	78.3	0.8	0.0	35.4	89	74.2	0.0	0.0	27.2
Italy, North East Cancer Surveillance Network	1463	87.6	0.2	0.0	32.3	812	83.3	0.5	0.0	38.5
Italy, Parma Province	248	87.5	0.0	0.0	35.9	134	79.9	0.0	0.0	35.8
Italy, Ragusa Province	63	77.8	1.6	0.0	54.0	41	65.9	0.0	0.0	22.0
Italy, Reggio Emilia Province	257	78.2	0.0	0.0	36.2	148	76.4	1.4	0.0	31.8
Italy, Romagna Region	745	83.9	1.2	0.0	38.1	426	78.4	1.9	0.0	36.6
Italy, Salerno Province	231	71.0	2.6	0.0	48.9	136	61.8	1.5	0.0	25.0
Italy, Sassari Province	176	84.7	1.7	0.6	43.2	87	74.7	2.3	2.3	40.2
Italy, Syracuse Province	69	84.1	2.9	4.3	46.4	38	71.1	10.5	5.3	36.8
Italy, Sondrio	110	82.7	0.0	0.0	30.7	56	80.4	0.0	0.0	33.5
Italy, Torino	464	88.4	0.6	0.2	30.4	292	79.8	0.3	0.0	30.1
Italy, Umbria Region	585	79.7	0.5	10.8	34.7	268	73.1	0.7	15.7	39.6
Italy, Varese Province	314	87.9	0.3	0.0	29.0	150	84.7	0.0	0.0	39.3
Italy, Veneto Region	1223	86.5	0.4	0.0	28.7	682	80.2	1.5	0.0	25.8

*Important. See note on population page.

Indices of data quality
Kidney etc. (C64-66, C68) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	1078	62.5	5.6	0.1	55.3	864	63.7	5.1	0.1	47.1
Lithuania	1677	72.4	1.6	0.0	50.0	1268	73.6	1.1	0.0	45.0
Malta	86	74.4	3.5	0.0	55.8	56	87.5	7.1	0.0	44.6
Norway	1652	86.1	1.0	0.0	51.3	1078	79.0	1.2	0.2	56.4
Poland, Cracow	273	67.4	7.0	0.0	67.3	196	60.2	5.1	0.0	48.5*
Poland, Kielce	520	75.0	2.3	3.8	48.3	339	72.9	2.4	3.2	41.7
Poland, Warsaw City	627	69.2	0.6	0.5	53.3	414	67.9	0.7	0.0	54.8
Portugal, Porto	582	95.0		0.0	37.3	308	95.1		0.0	36.4*
Portugal, South Regional	708	82.1	12.1	0.0	43.5	405	78.0	17.0	0.0	37.8
Russia, St Petersburg	1718	62.3		6.2	51.3	1648	66.3		4.9	46.1
Serbia	1119	77.1	10.9	0.0	50.4	736	78.4	9.5	0.1	52.9
Slovak Republic	1981	79.2	7.7	1.1	53.6	1363	77.2	9.0	1.5	51.1
Slovenia	699	97.6	0.7	1.7	49.5	404	97.0	1.5	1.5	51.5
Spain, Albacete	76	85.5	2.6	1.3	43.4	38	86.8	5.3	0.0	39.5
Spain, Asturias	691	89.0	2.3	1.0	34.2	269	78.4	4.1	1.5	37.8
Spain, Basque Country	882	85.4	2.3	0.6	34.4	353	79.0	1.7	1.4	41.1
Spain, Canary Islands	272	83.5	4.0	0.4	46.0	139	77.0	5.8	5.8	51.3
Spain, Cuenca	62	80.6	4.8	0.0	30.6	35	65.7	11.4	0.0	40.0
Spain, Girona	202	88.6	2.5	0.0	43.1	105	81.9	1.9	1.0	34.3
Spain, Granada	195	91.8	1.0	0.0	47.7	104	80.8	0.0	0.0	52.9
Spain, Murcia	280	88.9	3.9	1.1	42.1	133	88.0	5.3	0.8	39.1
Spain, Navarra	272	89.3	0.7	0.0	34.2	112	79.5	2.7	0.0	40.2
Spain, Tarragona	167	81.4	4.8	0.6	36.5	76	77.6	6.6	0.0	42.1
Spain, Zaragoza	233	94.4	3.9	0.0	54.1	117	94.9	2.6	0.0	54.7
Sweden	3037	94.8		0.0	69.0	2226	94.0		0.0	70.3
Switzerland, Geneva	150	94.0	0.0	0.0	30.0	61	83.6	4.9	0.0	31.1
Switzerland, Graubunden and Glarus	91	95.6	0.0	0.0	53.8	51	84.3	0.0	0.0	49.0
Switzerland, Neuchatel	78	91.0	1.3	0.0	42.3	32	90.6	0.0	0.0	75.0
Switzerland, St Gall-Appenzell	177	87.0	0.6	0.0	52.0	107	92.5	0.9	0.0	54.2
Switzerland, Ticino	148	93.2	2.7	0.0	34.5	74	87.8	4.1	0.0	37.8
Switzerland, Valais	96	94.8	1.0	1.0	44.8	43	93.0	0.0	0.0	65.1
Switzerland, Vaud	198	92.9	1.0	0.0	51.5	142	85.2	8.5	0.0	40.8
The Netherlands	5444	87.2		0.0	57.3	3455	84.6		0.0	59.3
The Netherlands, Eindhoven	336	83.3		0.0		216	83.3		0.0	
The Netherlands, Maastricht	333	90.1		0.0	66.1	215	90.7		0.0	60.9
UK, East of England Region	862	73.0	0.2	1.9	58.1	516	70.5	0.2	1.4	49.4
UK, England, Merseyside and Cheshire	783	69.3	6.0	0.5	49.6	490	65.1	5.1	0.2	50.4
UK, England, North Western	1326	70.0	2.7	2.4	52.9	853	65.3	3.3	2.6	55.8
UK, England, Northern and Yorkshire	2442	73.1	2.7	0.1	47.4	1602	69.8	2.7	0.1	49.1
UK, England, Oxford Region	761	79.6	1.4	11.0	48.5	446	74.9	0.9	17.3	55.2
UK, England, South and Western Regions	2561	73.1	3.1	10.6	51.9	1530	69.5	3.6	11.4	52.9
UK, England, Thames	3847	68.3	9.7	4.0	51.3	2267	63.5	12.1	4.5	53.6
UK, England, Trent	1743	67.9	6.0	1.1	48.9	1055	62.4	7.5	1.4	51.4
UK, England, West Midlands	1712	76.0	5.5	0.0	51.8	978	71.6	8.0	0.0	50.7
UK, Northern Ireland	507	74.0	0.8	0.0	44.8	329	70.5	2.1	0.0	47.7
UK, Scotland	1858	75.9	0.5	0.9	52.1	1295	69.9	0.5	1.8	50.5
Oceania										
Australia, New South Wales	2544	91.2	0.9	0.0	34.7	1659	88.1	1.0	0.0	41.1
Australia, Northern Territory	32	90.6	0.0	0.0	21.9	16	100.0	0.0	0.0	25.0
Australia, Queensland	1351	86.2	1.2	0.1	33.8	884	82.4	1.2	0.1	38.8
Australia, South	682	83.4	0.0	0.4	33.4	357	81.8	0.0	0.3	37.8
Australia, Tasmania	208	89.9	0.5	0.5	36.1	135	86.7	1.5	0.7	30.2
Australia, Victoria	1822	86.4	1.6	1.5	38.1	1116	86.0	1.4	1.5	35.8
Australia, Western	627	89.2	4.0	0.0	35.7	365	86.0	4.1	0.3	36.2
Australian Capital Territory	93	94.6	0.0	0.0	40.9	75	92.0	0.0	0.0	40.0
French Polynesia	28	92.9	3.6	0.0	21.4	10	60.0	20.0	0.0	40.0
New Zealand	1172	83.4	3.6	0.2	43.0	693	80.4	3.9	0.1	45.5
USA, Hawaii	411	94.2	0.0	0.5	34.1	206	89.3	0.0	1.5	33.5
USA, Hawaii: Chinese	27	88.9	0.0	0.0		15	80.0	0.0	0.0	
USA, Hawaii: Filipino	44	93.2	0.0	0.0		31	100.0	0.0	0.0	
USA, Hawaii: Hawaiian	53	96.2	0.0	0.0		22	95.5	0.0	0.0	
USA, Hawaii: Japanese	129	96.1	0.0	0.8		68	85.3	0.0	2.9	
USA, Hawaii: White	140	92.9	0.0	0.7	31.4	52	94.2	0.0	1.9	26.9

*Important. See note on population page.

Indices of data quality
Bladder (C67)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	81	86.4		0.0		11	90.9		0.0	*
Egypt, Gharbiah	1080	91.8	4.2	0.0	17.2	262	88.5	6.5	0.0	23.7
Tunisia, Centre, Sousse	175	99.4		0.0		22	100.0		0.0	*
Uganda, Kyadondo County	29	51.7		0.0		17	64.7		0.0	*
Zimbabwe, Harare: African	95	47.4	15.8	0.0		63	49.2	6.3	0.0	*
America, Central and South										
Argentina, Bahia Blanca	136	89.0	9.6	1.5	48.5	31	83.9	12.9	0.0	96.8
Brazil, Brasilia	238	95.0	1.7	3.4	22.7	104	92.3	4.8	2.9	26.0
Brazil, Cuiaba	41	97.6	2.4	0.0	22.0	16	68.8	31.3	0.0	50.0
Brazil, Goiania	168	92.9	3.0	0.0	35.1	59	86.4	10.2	0.0	44.1
Brazil, Sao Paulo	3309	85.8	4.7	0.0	26.6	1299	79.1	6.2	0.0	27.3
Chile, Valdivia	35	91.4	0.0	0.0	42.9	17	82.4	5.9	0.0	41.2
Colombia, Cali	293	88.7	2.0	0.3	33.1	109	83.5	3.7	0.0	34.9
Costa Rica	423	81.1	3.8	0.0	35.0	138	68.8	6.5	0.0	47.1
Ecuador, Quito	141	85.1	2.8	0.0	32.6	53	75.5	11.3	0.0	49.1
France, La Martinique	88	87.5		1.1	39.8	33	87.9		0.0	64.4
Peru, Trujillo	33	100.0	0.0	0.0		16	100.0	0.0	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	15145	91.5	0.5	6.8	26.4	5241	89.0	1.4	7.4	29.8
Canada, Alberta	1812	98.0	0.1	0.1	21.2	599	94.8	0.5	0.2	25.0
Canada, British Columbia	3282	98.4	0.7	0.0	19.8	1169	96.6	1.5	0.1	23.3
Canada, Manitoba	734	91.0	1.1	0.1	30.2	238	87.4	0.8	0.0	30.7
Canada, New Brunswick	647	98.1	0.2	0.0	20.7	209	98.1	0.5	0.0	27.8
Canada, Newfoundland and Labrador	378	100.0		0.0	31.7	114	100.0		0.0	33.3
Canada, Northwest Territories	9	100.0	0.0	0.0	33.3	2	100.0	0.0	0.0	50.0
Canada, Nova Scotia	911	96.5	0.2	0.1	21.7	300	93.0	0.7	0.3	21.3
Canada, Ontario	6445	83.3	0.6	16.0	32.0	2279	80.9	1.9	16.9	36.8
Canada, Prince Edward Island	96	100.0	0.0	0.0	18.8	30	90.0	0.0	0.0	20.0
Canada, Saskatchewan	831	97.5	0.4	0.0	24.3	301	95.7	2.3	0.0	21.3
USA, Alabama	2720	98.2	0.4	0.8	19.7	933	96.8	0.3	1.7	26.3
USA, Alabama: Black	221	96.8	0.0	1.4	32.1	134	93.3	0.7	3.0	38.1
USA, Alabama: White	2462	98.3	0.4	0.8	18.8	789	97.3	0.3	1.5	24.5
USA, Alaska	307	98.4	0.0	1.3	14.7	72	93.1	0.0	4.2	26.4
USA, Arizona	4103	98.7	0.4	0.4	18.5	1269	97.9	0.6	0.8	24.1
USA, California	20643	98.9	0.4	0.2	19.6	6751	97.6	0.6	0.5	27.4
USA, California: Asian and Pacific Islander	969	98.5	0.4	0.0	19.0	292	97.9	0.3	1.0	27.1
USA, California: Black	659	98.2	0.5	0.5	25.6	312	98.4	1.3	0.3	41.3
USA, California: Hispanic White	1534	98.6	0.3	0.3	17.7	562	97.7	0.4	0.9	24.7
USA, California: Non-Hispanic White	17188	98.9	0.4	0.2	19.8	5496	97.6	0.6	0.4	27.3
USA, California, Greater San Francisco Bay Area	3784	98.9	0.4	0.0	18.9	1390	97.8	0.6	0.3	26.3
USA, California, Greater San Francisco Bay Area: Black	145	98.6	0.7	0.0	29.7	72	98.6	1.4	0.0	51.4
USA, California, Greater San Francisco Bay Area: Chinese	129	96.9	0.8	0.0		48	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Filipino	68	95.6	1.5	0.0		17	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Japanese	37	100.0	0.0	0.0		17	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Hispanic White	227	99.1	0.0	0.0	17.2	100	98.0	0.0	2.0	20.0
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	3022	99.0	0.4	0.0	18.6	1099	97.6	0.7	0.2	26.1
USA, California, Los Angeles County	4768	99.3	0.3	0.2	19.8	1601	98.7	0.4	0.2	28.5
USA, California, Los Angeles County: Black	301	97.7	0.3	0.7	24.9	154	98.1	1.3	0.6	40.3
USA, California, Los Angeles County: Chinese	122	99.2	0.8	0.0	17.2	30	100.0	0.0	0.0	33.3
USA, California, Los Angeles County: Filipino	57	100.0	0.0	0.0	14.0	10	100.0	0.0	0.0	20.0
USA, California, Los Angeles County: Japanese	88	100.0	0.0	0.0	17.0	29	96.6	0.0	3.4	34.5
USA, California, Los Angeles County: Korean	44	97.7	0.0	0.0	18.2	20	100.0	0.0	0.0	15.0
USA, California, Los Angeles County: Hispanic White	538	99.3	0.2	0.2	20.6	206	98.1	1.0	0.0	25.7
USA, California, Los Angeles County: Non-Hispanic White	3524	99.4	0.3	0.1	19.9	1119	98.8	0.2	0.1	28.1
USA, Colorado	2662	98.3	0.5	0.2	15.6	874	96.1	1.6	0.9	24.8
USA, Connecticut	3457	98.9	0.4	0.1	17.4	1293	98.1	1.0	0.1	21.6
USA, Connecticut: Black	73	97.3	1.4	0.0	28.8	38	100.0	0.0	0.0	21.1
USA, Connecticut: White	3329	98.9	0.4	0.1	17.5	1240	98.1	1.0	0.1	21.8
USA, District of Columbia	273	97.8	1.5	0.7	24.9	162	98.1	1.2	0.6	40.1
USA, District of Columbia: Black	147	98.6	0.7	0.7	31.3	111	99.1	0.9	0.0	44.1
USA, District of Columbia: White	110	97.3	2.7	0.0	19.1	47	97.9	0.0	2.1	29.8
USA, Florida	18528	98.6	1.0	0.1	17.9	6100	98.2	1.2	0.2	22.8
USA, Florida: Black	495	97.0	2.2	0.4	29.9	258	96.5	2.3	0.4	53.1
USA, Florida: White	17800	98.6	1.0	0.1	17.8	5773	98.3	1.1	0.2	21.7
USA, Georgia	4275	98.2	1.1	0.3	19.1	1515	97.2	1.8	0.3	30.8
USA, Georgia: Black	466	97.9	1.3	0.0	31.8	267	95.1	2.2	0.4	46.1
USA, Georgia: White	3773	98.3	1.1	0.3	17.6	1241	97.6	1.7	0.3	27.6
USA, Georgia, Atlanta	1147	98.7	0.8	0.3	19.9	457	98.7	0.4	0.2	31.5
USA, Georgia, Atlanta: Black	153	98.0	0.7	0.0	31.4	113	96.5	1.8	0.0	43.4
USA, Georgia, Atlanta: White	971	98.8	0.8	0.3	18.4	340	99.4	0.0	0.3	27.6
USA, Idaho	1008	98.8	0.7	0.0	19.4	266	97.0	0.4	0.0	30.1
USA, Illinois	9640	98.6	0.7	0.2	18.0	3514	97.5	1.5	0.2	26.1
USA, Illinois: Black	477	98.1	1.0	0.4	24.5	325	94.8	4.0	0.3	43.4
USA, Illinois: White	8908	98.6	0.7	0.2	18.1	3100	97.7	1.3	0.2	24.9
USA, Indiana	4492	98.7	0.4	0.4	20.3	1584	97.5	1.0	0.3	28.0
USA, Iowa	2611	98.4	0.5	0.1	17.6	880	96.1	1.8	0.2	26.0
USA, Kentucky	3158	98.2	0.3	0.9	19.8	1080	96.1	0.8	1.5	28.4
USA, Louisiana	2849	98.8	0.1	0.1	17.1	975	97.7	0.3	0.3	28.0
USA, Louisiana: Black	365	98.1	0.3	0.0	26.0	219	95.4	0.9	0.5	40.2
USA, Louisiana: White	2463	98.9	0.1	0.1	15.8	749	98.4	0.1	0.3	24.3
USA, Louisiana, New Orleans: Black	131	99.2	0.0	0.0	26.0	66	95.5	1.5	0.0	33.3
USA, Louisiana, New Orleans: White	536	98.9	0.0	0.0	18.5	188	98.9	0.0	0.5	27.7

*Important. See note on population page.

Indices of data quality
Bladder (C67) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	1393	97.8	0.6	0.8	20.7	541	95.4	1.5	1.8	23.1
USA, Massachusetts	6244	98.7	0.6	0.5	18.2	2466	97.4	1.1	0.9	24.4
USA, Michigan	8537	98.4	0.6	0.6	18.7	2899	98.4	0.5	0.5	23.2
USA, Michigan: Black	417	98.3	1.2	0.0	23.0	242	97.1	0.8	0.8	39.3
USA, Michigan: White	8007	98.4	0.5	0.6	18.6	2617	98.5	0.5	0.5	22.0
USA, Michigan, Detroit	3423	99.2	0.4	0.2	16.9	1214	99.3	0.2	0.1	21.3
USA, Michigan, Detroit: Black	308	99.4	0.0	0.0	25.3	191	97.4	0.5	0.5	35.6
USA, Michigan, Detroit: White	3093	99.2	0.4	0.2	16.0	1013	99.7	0.1	0.0	18.6
USA, Missouri	4338	98.2	0.7	0.6	18.6	1470	96.9	1.6	0.9	24.8
USA, Missouri: Black	166	98.2	1.8	0.0	28.3	96	97.9	2.1	0.0	27.1
USA, Missouri: White	4145	98.2	0.7	0.7	18.3	1361	96.8	1.5	1.0	24.6
USA, Montana	827	97.9	1.5	0.1	20.6	281	96.4	1.4	0.4	24.9
USA, NPCR	175440	98.4	0.6	0.4	18.8	61379	97.4	1.0	0.6	25.4
USA, NPCR: Black	6605	97.7	1.0	0.6	27.0	3832	95.8	2.1	0.8	42.4
USA, NPCR: White	164400	98.4	0.6	0.4	18.8	56118	97.5	1.0	0.6	24.6
USA, New Jersey	8084	99.0	0.3	0.4	18.3	3036	97.9	0.8	0.5	24.4
USA, New Jersey: Black	325	99.1	0.0	0.6	26.5	204	96.1	1.5	0.5	37.3
USA, New Jersey: White	7603	99.0	0.3	0.4	18.2	2777	97.9	0.8	0.5	23.7
USA, New Mexico	1064	98.0	0.7	0.4	20.3	348	96.8	2.3	0.6	28.7
USA, New Mexico: American Indian	12	100.0	0.0	0.0	41.7	3	100.0	0.0	0.0	66.7
USA, New Mexico: Hispanic White	208	97.1	1.4	0.0	21.2	61	98.4	1.6	0.0	39.3
USA, New Mexico: Non-Hispanic White	832	98.2	0.5	0.5	19.6	280	96.4	2.5	0.7	26.1
USA, New York State	16299	97.5	0.5	0.7	19.0	6382	96.3	1.0	0.9	23.9
USA, New York State: Black	697	96.8	1.3	0.6	25.3	448	96.0	1.3	0.7	44.6
USA, New York State: White	15312	97.5	0.5	0.7	18.7	5848	96.4	1.0	0.9	22.3
USA, Ohio	9715	97.9	1.1	0.6	20.1	3526	97.3	1.5	0.9	26.6
USA, Ohio: Black	387	96.4	1.6	1.3	28.4	220	96.4	2.7	0.5	39.1
USA, Ohio: White	8991	98.0	1.1	0.5	20.5	3194	97.3	1.4	0.9	26.7
USA, Oklahoma	2404	96.7	0.7	0.2	21.5	805	95.2	0.4	0.4	26.6
USA, Oregon	3190	98.3	0.7	0.2	19.0	1022	97.9	1.0	0.2	25.2
USA, Pennsylvania	13141	99.0	0.3	0.2	18.3	4820	98.2	0.4	0.4	24.1
USA, Pennsylvania: Black	418	99.5	0.0	0.2	25.6	236	96.2	1.7	0.4	43.2
USA, Pennsylvania: White	12544	98.9	0.3	0.2	18.3	4527	98.4	0.4	0.4	23.3
USA, Rhode Island	1254	98.4	0.8	0.2	17.1	482	98.3	1.2	0.0	23.9
USA, SEER (9 Registries)	19184	98.8	0.4	0.1	18.0	6653	97.8	0.8	0.3	24.6
USA, SEER (9 Registries): Black	734	98.6	0.4	0.0	27.1	445	97.3	1.1	0.2	39.1
USA, SEER (9 Registries): White	17511	98.9	0.4	0.1	17.7	5923	97.8	0.8	0.3	23.5
USA, SEER (14 Registries)	51459	98.8	0.3	0.3	18.8	17555	97.7	0.7	0.5	25.9
USA, SEER (14 Registries): Asian and Pacific Islander	1585	98.8	0.3	0.1	18.5	478	98.1	0.4	0.8	26.6
USA, SEER (14 Registries): Black	2080	98.5	0.3	0.3	25.8	1156	97.0	1.1	0.4	39.1
USA, SEER (14 Registries): Hispanic White	2241	98.4	0.4	0.2	17.0	824	98.2	0.5	0.6	24.0
USA, SEER (14 Registries): Non-Hispanic White	45005	98.9	0.3	0.3	18.7	14924	97.6	0.7	0.4	25.2
USA, South Carolina	2691	98.1	0.6	0.9	19.1	854	96.4	1.5	1.4	29.5
USA, South Carolina: Black	257	96.9	1.6	1.2	26.1	175	92.6	2.3	4.0	42.9
USA, South Carolina: White	2407	98.3	0.5	0.8	18.4	674	97.3	1.3	0.7	26.1
USA, Texas	10569	97.4	1.0	1.1	19.8	3460	95.4	2.3	1.4	28.4
USA, Texas: Black	504	95.6	1.4	1.4	28.4	277	93.1	4.3	1.8	45.8
USA, Texas: White	9864	97.4	1.0	1.1	19.6	3111	95.6	2.1	1.4	27.4
USA, Utah	1001	99.5	0.0	0.0	18.9	306	98.0	0.0	0.0	23.2
USA, Vermont	522	97.5	0.8	0.4	21.5	225	98.7	0.4	0.0	26.2
USA, Washington State	4877	98.6	0.4	0.2	17.7	1512	97.5	0.5	0.5	21.8
USA, Washington, Seattle	3292	98.8	0.1	0.2	17.2	1013	96.9	0.3	0.6	21.6
USA, West Virginia	1817	98.8	0.7	0.2	17.8	766	97.7	0.5	0.7	28.1
USA, Wisconsin	4435	98.0	0.8	0.8	19.7	1611	97.0	0.9	1.4	25.6
Asia										
Bahrain: Bahraini	81	90.1	1.2	2.5	43.2	21	95.2	4.8	0.0	42.9
China, Guangzhou City	351	78.1	0.0	0.3	43.9	95	77.9	0.0	0.0	70.5*
China, Hong Kong	2499	95.1	0.3	0.0	28.6	803	95.6	0.4	0.0	33.5
China, Jiashan	73	97.3	0.0	0.0		15	86.7	0.0	0.0	*
China, Nangang District, Harbin City	138	84.1	2.9	2.2	46.4	45	91.1	0.0	0.0	33.3
China, Shanghai	1996	79.9	0.5	0.0	35.9	609	76.4	0.7	0.0	40.7*
China, Zhongshan	169	88.2	0.0	0.0		37	78.4	0.0	0.0	*
Cyprus	500	99.0		0.8	4.5	100	100.0		0.0	15.0*
India, Chennai (Madras)	238	71.4	0.8	22.7	42.4	86	74.4	3.5	20.9	27.9
India, New Delhi	1128	74.9	1.2	0.0		225	69.3	0.4	0.0	*
India, Karunagappally	35	85.7	0.0	0.0	8.6	2	100.0	0.0	0.0	
India, Mumbai (Bombay)	767	77.7	6.3	0.1	27.9	182	76.9	8.8	0.0	41.8
India, Nagpur	109	96.3	0.0	0.0		37	97.3	0.0	0.0	*
India, Poona	167	82.6	3.6	0.0		61	78.7	11.5	0.0	*
India, Trivandrum	51	96.1	2.0	0.0		13	92.3	0.0	0.0	*
Israel	4767	95.6	0.9	1.2	20.0	1153	94.6	1.3	1.3	25.4
Israel: Jews	4422	96.0	0.8	1.2		1101	95.5	1.1	1.3	
Israel: Non-Jews	255	98.0	0.0	0.0		26	100.0	0.0	0.0	
Japan, Aichi Prefecture	415	93.5	6.0	0.5	17.8	112	79.5	17.0	3.6	34.8
Japan, Fukui Prefecture	473	94.1	0.8	0.6	27.9	143	83.9	4.2	2.1	36.4
Japan, Hiroshima	718	98.5	0.6	0.0	16.4	207	93.2	3.4	0.0	31.4
Japan, Miyagi Prefecture	1174	87.4	5.8	0.0	24.2	423	77.3	14.4	0.0	42.6
Japan, Nagasaki Prefecture	951	94.2	3.0	0.3	27.7	291	88.0	5.2	0.3	35.1
Japan, Osaka Prefecture	3011	80.6	9.4	0.0	36.5	937	72.1	14.5	0.0	47.7
Japan, Yamagata Prefecture	549	86.9	5.8	1.6	35.9	216	81.0	13.0	0.9	47.2

*Important. See note on population page.

Indices of data quality
Bladder (C67) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	7405	90.3	2.6	0.0	31.8	1935	83.7	5.9	0.0	39.7
Korea, Busan	766	88.3	3.0	0.0	31.6	176	74.4	6.3	0.0	44.9
Korea, Daegu	447	94.2	1.1	0.0	28.6	139	82.7	5.0	0.0	36.0
Korea, Daejeon	236	91.9	2.1	0.0	31.4	67	88.1	3.0	0.0	34.3
Korea, Gwangju	242	90.9	1.2	0.0	28.1	77	87.0	3.9	0.0	40.3
Korea, Incheon	395	89.9	2.3	0.0	35.4	104	81.7	4.8	0.0	46.2
Korea, Jejudo	47	91.5	0.0	0.0	44.7	16	68.8	0.0	0.0	28.1
Korea, Seoul	2022	93.6	2.7	0.0	22.9	548	86.1	8.6	0.0	34.2
Korea, Ulsan	95	87.4	2.1	0.0	25.3	24	83.3	8.3	0.0	75.0
Kuwait: Kuwaitis	57	80.7	17.5	0.0		27	77.8	14.8	0.0	
Kuwait: Non-Kuwaitis	103	98.1	1.9	0.0		14	85.7	14.3	0.0	
Malaysia, Penang	128	95.3	1.6	0.0	23.4	39	94.9	5.1	0.0	12.8
Malaysia, Sarawak	107	92.5	3.7	0.0	23.4	30	86.7	0.0	0.0	16.7
Oman: Omani	85	97.6	0.0	0.0		36	97.2	0.0	0.0	*
Pakistan, South Karachi	219	99.5	0.0	0.0		47	97.9	0.0	0.0	*
Philippines, Manila	279	84.9	1.4	0.0		102	79.4	2.9	0.0	*
Singapore	600	97.7	0.0	0.0	35.3	181	95.0	0.0	0.0	41.4
Singapore: Chinese	493	97.8	0.0	0.0		159	95.0	0.0	0.0	
Singapore: Indian	35	97.1	0.0	0.0		3	100.0	0.0	0.0	
Singapore: Malay	72	97.2	0.0	0.0		19	94.7	0.0	0.0	
Thailand, Chiang Mai	199	94.5	0.0	0.0		96	85.4	0.0	0.0	*
Thailand, Lampang	121	83.5	0.0	0.0	53.7	39	71.8	5.1	0.0	61.5*
Thailand, Songkhla	119	89.1	1.7	0.0	52.9	23	91.3	0.0	0.0	208.7
Turkey, Antalya	445	93.5	1.1	1.3	11.7	72	87.5	5.6	0.0	11.1*
Turkey, Izmir	1353	95.6	0.0	1.1		175	94.3	0.0	0.6	*
Europe										
Austria	6654	97.3	2.3	0.1	25.9	2560	94.3	5.1	0.0	33.9
Austria, Tyrol	630	98.7	0.6	0.0	23.2	249	98.4	1.2	0.0	24.9
Austria, Vorarlberg	284	96.8	1.1	1.1	16.2	81	92.6	6.2	0.0	32.1
Belarus	4323	91.3		0.0	51.8	865	90.1		0.0	52.0*
Belgium, Antwerp	1691	99.7		0.0		393	99.7		0.0	*
Belgium, Flanders	5587	95.8		3.9	23.9	1467	91.5		7.0	33.3
Bulgaria	4313	79.2	7.1	0.1	38.0	992	76.3	11.0	0.1	47.6*
Croatia	3079	75.4	3.7	20.9	35.2	983	73.1	4.6	22.2	39.6
Czech Republic	7424	94.2	1.8	0.2	35.0	2731	91.6	2.8	0.3	37.3
Denmark	6154	94.1	0.2	3.1	32.7	2156	90.9	0.4	3.6	41.4
Estonia	743	96.8	0.1	0.0	37.1	268	90.7	1.1	0.0	41.0
Finland	2856	98.4	0.2	0.3	25.9	951	95.7	0.8	0.4	35.8
France, Bas-Rhin	588	99.0		0.0	38.9	135	95.6		0.0	64.4
France, Calvados	378	99.5		0.3	43.4	67	94.0		0.0	73.1
France, Doubs	311	99.0		0.3	41.5	64	98.4		0.0	64.1
France, Haut-Rhin	504	98.8		0.4	31.7	108	95.4		0.9	53.7
France, Herault	695	99.4		0.0	48.1	148	100.0		0.0	60.8
France, Isere	652	98.9		0.8	42.8	127	94.5		1.6	70.9
France, Loire-Atlantique	538	99.4		0.4	35.3	147	98.0		0.7	49.7
France, Manche	279	98.6		0.0	49.8	70	100.0		0.0	67.1
France, Somme	363	98.1	0.0	0.3	48.8	76	92.1	0.0	1.3	48.7
France, Tarn	310	97.7		0.0	36.5	78	97.4		0.0	42.3
France, Vendee	295	99.3		0.7	54.2	56	100.0		0.0	85.7
Germany, Brandenburg	2329	88.1	10.0	0.8	64.2	881	81.6	16.2	0.8	92.2
Germany, Free State of Saxony	4370	87.3	10.4	0.1	24.3	1565	82.8	14.9	0.1	35.2
Germany, Hamburg	1603	88.5	5.1	0.0	26.5	646	80.2	10.8	0.0	43.7
Germany, Mecklenburg-Western Pomerania	1734	91.8	7.8	0.1	19.4	607	85.2	13.3	0.0	28.0
Germany, Munich	1968	93.3	2.5	0.0	18.4	769	90.1	4.9	0.0	27.7
Germany, Northrhine-Westphalia: Munster	2526	91.6	4.6	0.6	24.3	909	83.6	10.1	0.4	43.3
Germany, Saarland	645	96.9	2.2	0.0	35.3	262	93.5	4.2	0.0	49.2
Iceland	196	98.0	0.0	0.0	26.0	72	98.6	0.0	0.0	27.8
Ireland	1844	93.0	1.8	0.5	29.1	721	92.5	1.8	0.3	33.6
Italy, Biella Province	330	96.1	0.6	0.6	20.0	93	94.6	1.1	2.2	22.6
Italy, Brescia Province	836	90.7	0.2	0.0	17.8	212	84.0	2.4	0.0	29.2
Italy, Ferrara Province	737	91.2	0.1	0.0	22.5	195	87.2	0.5	0.0	22.1
Italy, Florence and Prato	2310	92.3	0.3	0.0	25.3	551	89.5	0.5	0.0	27.6
Italy, Genoa Province	1276	88.7	0.2	0.0	20.8	339	77.0	1.8	0.0	24.8
Italy, Macerata Province	356	93.3	1.1	0.3	21.1	75	92.0	1.3	0.0	25.3
Italy, Milan	1674	93.1	0.5	0.0	25.0	536	87.1	0.7	0.0	31.0
Italy, Modena Province	1024	99.5	0.0	0.0	20.5	253	97.2	0.0	0.0	23.7
Italy, Naples	739	80.6	0.7	0.0	19.7	122	70.5	0.0	0.0	21.9
Italy, North East Cancer Surveillance Network	2273	95.6	0.2	0.0	32.3	687	91.7	0.6	0.0	45.1
Italy, Parma Province	699	94.6	0.1	0.0	22.6	196	92.3	1.0	0.0	28.1
Italy, Ragusa Province	436	92.0	0.9	0.9	25.7	85	84.7	2.4	2.4	23.5
Italy, Reggio Emilia Province	755	95.5	0.0	0.0	19.3	188	95.2	0.0	0.0	26.1
Italy, Romagna Region	1960	93.5	0.3	0.0	25.8	455	90.1	1.1	0.0	22.2
Italy, Salerno Province	1356	84.2	0.6	0.0	25.7	223	82.5	0.9	0.0	25.6
Italy, Sassari Province	583	87.0	1.4	0.7	30.0	115	85.2	2.6	0.0	21.7
Italy, Syracuse Province	479	94.6	2.1	0.8	25.3	65	92.3	1.5	0.0	36.9
Italy, Sondrio	295	93.6	0.0	0.0	18.6	97	90.7	0.0	0.0	12.9
Italy, Torino	1820	97.7	0.1	0.0	21.3	469	93.6	1.7	0.0	27.9
Italy, Umbria Region	1602	90.9	0.2	6.6	26.1	364	93.1	1.1	4.4	29.7
Italy, Varese Province	675	96.1	0.0	0.0	20.7	155	92.3	0.6	0.0	24.5
Italy, Veneto Region	2331	96.2	0.3	0.0	19.3	672	94.3	0.6	0.0	24.6

*Important. See note on population page.

Indices of data quality
Bladder (C67) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	1153	86.4	2.4	0.3	55.0	381	82.2	5.0	0.0	56.2
Lithuania	1844	84.9	0.6	0.0	45.1	545	78.9	2.4	0.0	49.4
Malta	368	97.6	0.8	0.0	32.1	85	98.8	1.2	0.0	15.3
Norway	3889	97.9	0.2	0.0	32.0	1341	95.6	0.6	0.0	41.7
Poland, Cracow	444	55.6	6.3	0.0	50.1	146	50.0	9.6	0.0	47.1*
Poland, Kielce	1005	85.8	0.7	3.7	39.3	196	83.2	2.6	3.6	37.6
Poland, Warsaw City	1016	79.0	0.2	0.0	42.5	384	75.3	0.3	0.3	45.3
Portugal, Porto	1985	98.1		0.1	29.4	583	98.1		0.0	37.7*
Portugal, South Regional	1931	90.1	6.5	0.0	36.5	556	86.3	9.4	0.0	43.9
Russia, St Petersburg	1597	71.9		4.9	52.7	666	64.6		7.8	53.0
Serbia	2931	89.5	4.2	0.2	38.0	947	84.8	8.4	0.1	38.8
Slovak Republic	2303	90.5	6.4	0.5	43.9	765	88.5	7.6	0.1	42.6
Slovenia	1061	98.3	1.0	0.7	39.7	350	96.9	2.6	0.6	42.0
Spain, Albacete	370	94.6	2.2	0.8	32.4	58	91.4	3.4	0.0	27.6
Spain, Asturias	1553	95.8	2.1	1.2	32.0	289	90.7	3.1	1.7	47.3
Spain, Basque Country	2329	95.0	1.0	0.5	28.0	451	89.1	4.7	0.4	31.5
Spain, Canary Islands	1044	95.4	1.7	0.6	38.6	173	90.2	4.6	0.6	51.3
Spain, Cuenca	286	86.4	7.7	1.0	35.7	54	85.2	3.7	3.7	53.7
Spain, Girona	898	97.1	1.1	0.1	23.8	165	92.1	1.8	0.0	30.3
Spain, Granada	1002	95.7	0.0	0.1	28.0	133	97.0	0.0	0.0	37.6
Spain, Murcia	1592	94.5	1.8	0.4	28.4	246	93.9	1.6	0.4	38.6
Spain, Navarra	905	97.7	0.3	0.1	27.7	158	89.9	1.9	0.0	35.4
Spain, Tarragona	853	93.3	2.1	0.0	23.7	161	90.7	3.1	0.0	29.8
Spain, Zaragoza	1214	96.3	2.1	0.0	35.0	202	94.6	1.5	0.0	41.1
Sweden	7588	99.8		0.0	28.2	2691	99.7		0.0	36.6
Switzerland, Geneva	468	98.5	0.0	0.0	19.2	140	96.4	0.7	0.0	37.9
Switzerland, Graubunden and Glarus	140	95.0	0.0	0.0	39.3	38	89.5	0.0	0.0	65.8
Switzerland, Neuchatel	98	96.9	0.0	0.0	38.8	33	93.9	0.0	0.0	51.5
Switzerland, St Gall-Appenzell	247	96.4	0.4	0.0	36.0	99	91.9	0.0	0.0	55.6
Switzerland, Ticino	266	95.5	0.8	0.0	34.6	74	97.3	2.7	0.0	43.2
Switzerland, Valais	250	98.0	0.0	0.0	14.8	71	97.2	0.0	0.0	32.4
Switzerland, Vaud	433	98.2	1.6	0.0	30.3	132	93.2	4.5	0.0	47.0
The Netherlands	9000	98.8		0.0	44.1	2682	97.7		0.0	60.8
The Netherlands, Eindhoven	975	99.8		0.0		272	98.9		0.0	
The Netherlands, Maastricht	908	99.2		0.0	23.3	263	99.6		0.0	33.5
UK, East of England Region	2858	96.5	0.0	0.9	28.6	1039	92.1	0.2	1.1	38.3
UK, England, Merseyside and Cheshire	2432	95.1	1.5	0.2	26.9	962	90.6	2.6	0.3	39.9
UK, England, North Western	4480	94.8	0.7	0.5	26.5	1883	89.5	1.3	1.4	37.4
UK, England, Northern and Yorkshire	7475	96.4	0.3	0.0	26.0	3041	92.5	0.7	0.0	36.2
UK, England, Oxford Region	1875	95.7	0.6	2.7	37.8	624	91.2	1.3	4.8	45.8
UK, England, South and Western Regions	8350	86.6	0.4	1.6	26.0	3062	82.1	0.9	3.0	33.8
UK, England, Thames	11249	91.1	4.0	1.9	32.6	4242	86.5	5.7	2.8	41.8
UK, England, Trent	5203	91.4	1.8	0.5	27.4	2015	86.8	3.3	0.4	35.9
UK, England, West Midlands	4994	96.1	1.6	0.0	27.6	1881	92.0	3.1	0.0	38.1
UK, Northern Ireland	721	85.7	0.3	0.0	36.5	293	83.3	0.7	0.0	57.0
UK, Scotland	5012	95.3	0.2	0.3	27.6	2203	92.4	0.3	0.4	38.1
Oceania										
Australia, New South Wales	2964	93.8	0.8	0.0	34.5	1089	93.1	1.0	0.0	41.6
Australia, Northern Territory	25	100.0	0.0	0.0	52.0	2	100.0	0.0	0.0	150.0
Australia, Queensland	2516	92.6	0.5	0.2	22.3	791	91.8	1.3	0.0	27.3
Australia, South	1443	95.9	0.0	0.3	20.6	474	96.2	0.0	0.2	24.5
Australia, Tasmania	397	99.0	0.0	0.3	20.2	141	95.7	0.0	0.0	22.5
Australia, Victoria	1413	91.0	1.6	1.6	51.4	547	89.9	2.7	1.8	64.5
Australia, Western	592	96.6	2.2	0.2	40.2	213	91.1	4.7	0.0	49.3
Australian Capital Territory	111	91.9	1.8	0.0	46.8	34	91.2	0.0	0.0	64.7
French Polynesia	45	95.6	4.4	0.0	15.6	13	84.6	7.7	7.7	38.5
New Zealand	2115	96.4	1.7	0.0	27.1	778	94.1	2.8	0.1	36.4
USA, Hawaii	637	99.1	0.3	0.2	18.4	182	98.4	1.1	0.5	31.3
USA, Hawaii: Chinese	33	100.0	0.0	0.0		12	100.0	0.0	0.0	
USA, Hawaii: Filipino	49	100.0	0.0	0.0		14	100.0	0.0	0.0	
USA, Hawaii: Hawaiian	55	100.0	0.0	0.0		22	95.5	0.0	4.5	
USA, Hawaii: Japanese	211	99.5	0.5	0.0		54	100.0	0.0	0.0	
USA, Hawaii: White	261	98.5	0.4	0.4	18.0	62	98.4	1.6	0.0	35.5

*Important. See note on population page.

Indices of data quality
Brain and central nervous sytem (C70-72)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	26	84.6		0.0		35	74.3		0.0	*
Egypt, Gharbiah	231	65.8	24.2	0.0	36.4	200	63.0	26.0	0.0	36.5
Tunisia, Centre, Sousse	36	88.9		0.0		20	70.0		0.0	*
Uganda, Kyadondo County	10	50.0		0.0		14	35.7		0.0	*
Zimbabwe, Harare: African	57	52.6	14.0	0.0		63	42.9	15.9	0.0	*
America, Central and South										
Argentina, Bahia Blanca	30	76.7	3.3	6.7	93.3	36	75.0	2.8	8.3	58.3
Brazil, Brasilia	221	80.1	7.7	12.2	51.6	190	72.6	8.9	14.2	67.9
Brazil, Cuiaba	51	51.0	41.2	3.9	60.8	46	50.0	34.8	8.7	67.4
Brazil, Goiania	94	70.2	21.3	0.0	93.6	95	66.3	28.4	0.0	80.0
Brazil, Sao Paulo	1796	58.4	14.9	0.0	61.5	1716	53.6	16.1	0.0	59.3
Chile, Valdivia	35	45.7	14.3	0.0	37.1	26	73.1	7.7	0.0	26.9
Colombia, Cali	217	78.8	2.8	0.0	67.3	188	76.1	4.8	0.5	73.9
Costa Rica	312	67.3	13.1	0.0	76.0	295	63.1	19.3	0.0	74.6
Ecuador, Quito	126	84.1	7.1	0.0	75.4	105	89.5	3.8	0.0	76.2
France, La Martinique	30	80.0		10.0	54.2	23	78.3		0.0	81.5
Peru, Trujillo	48	75.0	0.0	0.0		38	73.7	0.0	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	4603	79.0	1.2	11.6	66.9	3700	71.6	1.6	16.2	63.1
Canada, Alberta	506	84.8	0.2	0.0	68.0	364	79.9	0.5	0.0	69.2
Canada, British Columbia	769	88.0	0.8	0.0	68.8	587	80.4	1.9	0.0	67.0
Canada, Manitoba	226	77.0	0.4	0.0	69.9	163	68.1	2.5	0.0	72.4
Canada, New Brunswick	172	82.0	0.0	0.0	54.1	112	80.4	0.0	0.0	72.3
Canada, Newfoundland and Labrador	111	88.3		0.9	82.9	62	87.1		0.0	87.1
Canada, Northwest Territories	2	100.0	0.0	0.0	100.0	1	100.0	0.0	0.0	200.0
Canada, Nova Scotia	201	82.1	1.0	2.0	74.6	170	67.6	1.2	2.4	64.7
Canada, Ontario	2401	73.3	1.5	22.1	64.9	2064	65.6	1.9	28.8	58.2
Canada, Prince Edward Island	21	95.2	0.0	0.0	38.1	22	90.9	0.0	0.0	68.2
Canada, Saskatchewan	194	88.1	4.1	0.0	75.8	155	89.7	1.3	0.0	70.3
USA, Alabama	778	85.0	4.4	3.1	73.1	683	81.3	5.6	4.1	73.8
USA, Alabama: Black	95	84.2	5.3	3.2	64.2	85	80.0	7.1	0.0	77.6
USA, Alabama: White	673	85.1	4.2	3.0	75.5	591	81.9	5.4	4.2	74.1
USA, Alaska	97	89.7	0.0	5.2	52.6	71	88.7	1.4	1.4	56.3
USA, Arizona	896	85.9	1.2	1.6	67.1	725	83.4	1.9	3.9	66.3
USA, California	5486	88.9	0.9	1.0	71.6	4423	83.9	2.1	1.8	69.9
USA, California: Asian and Pacific Islander	334	87.7	1.2	0.9	65.3	270	81.5	4.1	0.4	53.7
USA, California: Black	219	85.8	2.3	0.9	68.5	207	81.2	2.4	1.9	69.6
USA, California: Hispanic White	998	90.2	0.4	0.8	51.0	934	85.5	1.7	1.4	49.5
USA, California: Non-Hispanic White	3884	89.0	1.0	1.1	78.2	2976	83.7	2.1	2.0	78.4
USA, California, Greater San Francisco Bay Area	1080	90.1	1.7	0.4	69.7	834	86.0	3.5	0.6	64.1
USA, California, Greater San Francisco Bay Area: Black	55	81.8	3.6	0.0	70.9	35	77.1	8.6	0.0	51.4
USA, California, Greater San Francisco Bay Area: Chinese	50	94.0	0.0	0.0		38	81.6	5.3	0.0	
USA, California, Greater San Francisco Bay Area: Filipino	19	84.2	5.3	0.0		22	77.3	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Japanese	8	100.0	0.0	0.0		4	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Hispanic White	125	93.6	0.0	0.8	44.8	132	87.1	3.0	0.0	40.2
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	766	89.8	2.0	0.4	74.8	552	87.1	3.3	0.9	75.0
USA, California, Los Angeles County	1314	89.8	1.1	0.9	70.4	1135	82.7	2.7	2.2	70.7
USA, California, Los Angeles County: Black	77	87.0	2.6	1.3	79.2	104	81.7	1.0	3.8	76.9
USA, California, Los Angeles County: Chinese	30	90.0	0.0	3.3	63.3	24	83.3	8.3	0.0	75.0
USA, California, Los Angeles County: Filipino	19	94.7	5.3	0.0	63.2	14	57.1	14.3	0.0	78.6
USA, California, Los Angeles County: Japanese	12	91.7	0.0	0.0	100.0	5	80.0	0.0	0.0	60.0
USA, California, Los Angeles County: Korean	9	100.0	0.0	0.0	88.9	12	83.3	8.3	0.0	41.7
USA, California, Los Angeles County: Hispanic White	379	90.5	0.8	1.1	52.2	362	84.8	1.7	1.7	52.5
USA, California, Los Angeles County: Non-Hispanic White	756	89.8	0.9	0.8	79.1	596	81.9	3.2	2.5	82.2
USA, Colorado	777	85.6	2.4	0.4	58.7	584	79.5	2.4	2.4	64.7
USA, Connecticut	703	91.3	1.0	0.9	61.3	564	86.7	2.5	0.5	59.8
USA, Connecticut: Black	28	92.9	0.0	0.0	42.9	31	77.4	6.5	0.0	58.1
USA, Connecticut: White	665	91.3	1.1	0.9	62.9	524	87.0	2.3	0.6	60.3
USA, District of Columbia	91	81.3	3.3	3.3	63.7	71	84.5	1.4	7.0	56.3
USA, District of Columbia: Black	49	79.6	2.0	2.0	75.5	40	87.5	2.5	5.0	55.0
USA, District of Columbia: White	31	87.1	6.5	0.0	61.3	26	84.6	0.0	7.7	61.5
USA, Florida	3326	83.4	5.5	0.5	73.2	2740	80.7	6.1	0.4	68.7
USA, Florida: Black	238	80.3	3.8	0.0	59.7	203	77.3	7.4	0.0	63.1
USA, Florida: White	3044	83.6	5.7	0.5	74.9	2488	80.9	6.1	0.5	70.2
USA, Georgia	1275	88.7	2.0	0.8	63.8	1042	85.7	2.7	1.0	60.0
USA, Georgia: Black	197	85.8	2.0	0.5	57.4	165	80.6	2.4	0.6	49.7
USA, Georgia: White	1053	89.5	1.9	0.9	65.3	870	86.7	2.8	1.0	62.0
USA, Georgia, Atlanta	420	90.2	1.7	0.5	58.3	323	87.0	1.5	0.6	56.7
USA, Georgia, Atlanta: Black	89	84.3	2.2	0.0	49.4	67	80.6	1.5	0.0	50.7
USA, Georgia, Atlanta: White	318	92.5	1.3	0.6	59.7	254	88.6	1.6	0.8	57.1
USA, Idaho	305	86.9	3.9	0.0	65.2	197	82.2	3.0	0.0	66.5
USA, Illinois	2041	87.9	2.7	0.8	68.1	1767	84.4	3.2	0.7	64.2
USA, Illinois: Black	168	85.1	3.6	1.8	57.1	135	83.0	7.4	0.7	67.4
USA, Illinois: White	1812	88.0	2.8	0.8	70.5	1579	84.4	2.8	0.8	65.2
USA, Indiana	1054	88.1	1.1	0.9	74.0	936	83.3	1.3	1.1	71.5
USA, Iowa	591	88.3	2.2	0.7	76.8	509	83.1	3.7	0.4	72.3
USA, Kentucky	707	86.1	1.1	2.5	77.1	636	78.9	2.5	3.9	68.7
USA, Louisiana	695	83.7	1.3	1.2	74.2	588	79.1	2.9	1.5	73.3
USA, Louisiana: Black	125	80.0	2.4	0.8	73.6	137	73.0	4.4	2.9	66.4
USA, Louisiana: White	562	84.7	1.1	1.1	75.4	446	81.2	2.5	1.1	75.6
USA, Louisiana, New Orleans: Black	40	80.0	2.5	0.0	80.0	41	78.0	0.0	7.3	53.7
USA, Louisiana, New Orleans: White	93	88.2	0.0	0.0	67.7	76	81.6	1.3	0.0	76.3

*Important. See note on population page.

Indices of data quality
Brain and central nervous sytem (C70-72) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	301	87.7	1.3	2.3	66.1	238	76.9	2.9	3.4	72.3
USA, Massachusetts	1264	90.4	1.5	1.3	65.6	1114	86.4	2.6	2.2	58.6
USA, Michigan	1915	88.6	1.7	1.9	68.8	1509	82.8	2.9	3.2	67.7
USA, Michigan: Black	143	86.0	0.0	3.5	60.8	120	84.2	0.0	3.3	56.7
USA, Michigan: White	1741	88.8	1.8	1.8	69.8	1372	82.7	3.2	3.2	69.0
USA, Michigan, Detroit	744	91.5	1.9	0.4	66.3	618	87.4	2.6	1.1	68.3
USA, Michigan, Detroit: Black	106	86.8	1.9	1.9	61.3	89	83.1	2.2	3.4	59.6
USA, Michigan, Detroit: White	621	92.1	1.9	0.2	68.0	517	87.8	2.7	0.8	70.6
USA, Missouri	1081	85.8	4.7	3.1	68.1	920	79.8	5.9	6.2	71.0
USA, Missouri: Black	62	83.9	8.1	1.6	50.0	50	74.0	8.0	10.0	68.0
USA, Missouri: White	1015	85.8	4.5	3.3	69.2	858	80.0	5.8	6.1	71.8
USA, Montana	181	87.3	3.9	0.0	66.3	159	81.8	6.3	1.3	71.7
USA, NPCR	40649	87.2	2.6	1.5	67.8	33939	82.5	3.5	2.1	65.9
USA, NPCR: Black	2489	84.0	3.2	1.7	60.7	2282	78.8	4.1	2.8	59.4
USA, NPCR: White	36753	87.4	2.6	1.4	69.5	30558	82.8	3.5	2.1	67.6
USA, New Jersey	1625	87.0	1.8	1.0	56.2	1407	81.0	3.6	2.0	55.2
USA, New Jersey: Black	119	82.4	4.2	2.5	45.4	111	73.0	5.4	7.2	40.5
USA, New Jersey: White	1419	87.3	1.7	1.0	59.1	1236	81.6	3.6	1.5	58.2
USA, New Mexico	282	85.5	5.0	0.7	63.8	219	79.0	4.1	2.7	63.5
USA, New Mexico: American Indian	10	90.0	10.0	0.0	10.0	12	91.7	0.0	0.0	41.7
USA, New Mexico: Hispanic White	92	82.6	5.4	1.1	62.0	75	85.3	1.3	0.0	50.7
USA, New Mexico: Non-Hispanic White	175	86.3	4.6	0.6	68.0	127	74.0	6.3	4.7	74.0
USA, New York State	3656	87.1	1.6	1.9	54.2	3258	80.3	3.0	1.8	52.7
USA, New York State: Black	278	84.9	1.1	1.8	46.8	320	75.9	2.8	2.8	40.9
USA, New York State: White	3237	87.4	1.6	1.9	55.9	2826	80.9	3.0	1.7	54.8
USA, Ohio	2118	87.8	3.6	2.3	70.8	1799	84.4	5.0	3.1	66.1
USA, Ohio: Black	137	77.4	10.2	4.4	70.1	122	73.0	11.5	3.3	55.7
USA, Ohio: White	1918	88.2	3.2	2.2	72.8	1646	85.1	4.6	3.0	68.0
USA, Oklahoma	657	83.3	4.3	1.7	71.2	563	81.0	3.6	1.2	66.6
USA, Oregon	723	86.4	2.9	0.7	73.9	514	79.8	4.1	1.4	79.4
USA, Pennsylvania	2388	89.8	0.8	0.7	66.5	2097	83.7	1.1	1.5	66.5
USA, Pennsylvania: Black	103	92.2	1.0	0.0	61.2	107	84.1	0.0	1.9	64.5
USA, Pennsylvania: White	2211	89.5	0.9	0.8	68.6	1948	83.6	1.2	1.4	67.9
USA, Rhode Island	208	92.3	1.0	0.0	76.4	194	83.0	5.2	0.0	72.2
USA, SEER (9 Registries)	4792	89.0	1.7	0.5	68.4	3832	85.2	2.5	1.1	64.9
USA, SEER (9 Registries): Black	300	86.0	2.3	0.7	58.7	241	80.9	3.3	1.2	56.0
USA, SEER (9 Registries): White	4221	89.3	1.7	0.5	69.3	3355	85.5	2.4	1.1	66.8
USA, SEER (14 Registries)	12623	88.3	1.3	1.0	69.2	10362	83.4	2.4	1.7	66.8
USA, SEER (14 Registries): Asian and Pacific Islander	551	87.8	1.3	0.7	61.9	430	83.0	3.0	0.5	52.3
USA, SEER (14 Registries): Black	738	84.6	2.4	1.2	61.2	702	78.1	3.3	3.0	60.5
USA, SEER (14 Registries): Hispanic White	1347	89.3	0.7	0.8	48.3	1228	85.9	1.5	1.3	45.5
USA, SEER (14 Registries): Non-Hispanic White	9855	88.5	1.3	1.0	73.7	7893	83.4	2.5	1.7	72.1
USA, South Carolina	663	86.9	3.3	4.1	79.3	560	84.6	3.6	4.1	78.9
USA, South Carolina: Black	103	80.6	3.9	4.9	75.7	99	73.7	5.1	9.1	79.8
USA, South Carolina: White	552	88.0	3.3	3.8	81.0	454	87.0	3.3	2.9	79.7
USA, Texas	3510	84.2	5.3	1.6	67.7	2915	79.0	5.7	2.5	65.2
USA, Texas: Black	246	80.9	3.3	2.0	61.0	208	77.4	2.9	2.4	59.6
USA, Texas: White	3169	84.7	5.3	1.5	69.5	2634	79.3	6.0	2.3	67.2
USA, Utah	372	91.4	0.3	0.3	63.4	287	86.8	0.0	0.7	58.2
USA, Vermont	125	90.4	1.6	0.8	65.6	85	84.7	5.9	0.0	65.9
USA, Washington State	1233	85.8	1.3	0.8	74.8	967	84.2	2.4	1.6	72.3
USA, Washington, Seattle	819	85.1	1.6	0.6	77.7	646	84.2	1.2	2.2	70.4
USA, West Virginia	354	85.9	1.4	1.4	68.1	302	80.1	5.6	1.3	67.5
USA, Wisconsin	1082	87.6	3.5	4.8	68.1	889	85.3	4.2	5.3	67.6
Asia										
Bahrain: Bahraini	24	79.2	4.2	0.0	66.7	8	62.5	0.0	0.0	62.5
China, Guangzhou City	179	75.4	0.0	0.0	108.4	141	70.9	0.0	0.7	122.0*
China, Hong Kong	618	87.2	2.4	0.0	57.6	397	87.4	3.5	0.0	51.9
China, Jiashan	46	54.3	0.0	0.0		45	51.1	2.2	0.0	*
China, Nangang District, Harbin City	130	78.5	2.3	0.0	69.2	116	77.6	7.8	0.9	49.1
China, Shanghai	1212	54.9	0.9	0.0	51.7	1404	62.5	0.8	0.0	40.2*
China, Zhongshan	64	79.7	0.0	0.0		51	94.1	0.0	0.0	*
Cyprus	98	76.5		6.1	74.0	91	83.5		0.0	87.9*
India, Chennai (Madras)	314	85.0	1.9	12.4	35.7	200	81.5	3.0	15.0	31.5
India, New Delhi	1093	86.6	1.2	0.0		542	84.3	1.8	0.0	*
India, Karunagappally	36	66.7	5.6	0.0	55.6	19	73.7	10.5	0.0	63.2
India, Mumbai (Bombay)	1006	91.8	2.6	0.0	30.1	649	90.9	3.9	0.0	32.8
India, Nagpur	142	91.5	0.7	0.0		123	91.1	0.0	0.0	*
India, Poona	274	90.9	3.3	0.0		129	86.8	3.9	0.0	*
India, Trivandrum	85	65.9	16.5	2.4		64	64.1	18.8	1.6	*
Israel	945	83.9	4.1	3.7	75.9	740	78.8	6.8	4.7	75.2
Israel: Jews	802	85.8	3.4	2.9		632	81.8	5.7	3.2	
Israel: Non-Jews	107	90.7	3.7	0.0		69	85.5	7.2	2.9	
Japan, Aichi Prefecture	95	68.4	23.2	8.4	66.3	64	67.2	26.6	6.3	76.6
Japan, Fukui Prefecture	86	62.8	20.9	1.2	41.9	90	61.1	15.6	3.3	22.2
Japan, Hiroshima	72	83.3	1.4	0.0	41.7	58	86.2	0.0	0.0	34.5
Japan, Miyagi Prefecture	187	78.6	4.3	0.0	41.7	132	72.7	6.1	0.0	31.8
Japan, Nagasaki Prefecture	104	92.3	1.0	0.0	49.0	94	89.4	1.1	0.0	45.7
Japan, Osaka Prefecture	675	63.1	6.8	0.0	44.6	623	59.4	10.8	0.0	40.0
Japan, Yamagata Prefecture	99	68.7	20.2	2.0	41.4	112	54.5	31.3	1.8	38.4

*Important. See note on population page.

Indices of data quality
Brain and central nervous sytem (C70-72) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	2797	66.6	11.1	0.0	76.8	2469	60.8	14.8	0.0	75.1
Korea, Busan	264	59.8	12.9	0.0	88.3	218	52.3	15.1	0.0	83.0
Korea, Daegu	152	78.3	7.2	0.0	74.3	125	79.2	4.0	0.0	94.4
Korea, Daejeon	110	69.1	10.0	0.0	73.6	75	54.7	6.7	0.0	68.0
Korea, Gwangju	103	80.6	5.8	0.0	71.8	92	58.7	14.1	0.0	70.7
Korea, Incheon	177	65.0	4.5	0.0	61.0	171	61.4	6.4	0.0	66.1
Korea, Jejudo	23	91.3	0.0	0.0	65.2	24	62.5	0.0	0.0	37.5
Korea, Seoul	774	65.1	15.8	0.0	58.9	731	62.5	20.1	0.0	56.8
Korea, Ulsan	50	78.0	12.0	0.0	70.0	44	56.8	29.5	0.0	88.6
Kuwait: Kuwaitis	67	62.7	28.4	0.0		44	45.5	45.5	0.0	
Kuwait: Non-Kuwaitis	61	82.0	14.8	0.0		33	72.7	18.2	0.0	
Malaysia, Penang	80	61.3	18.8	0.0	50.0	72	59.7	11.1	0.0	48.6
Malaysia, Sarawak	76	73.7	13.2	1.3	46.1	71	85.9	2.8	0.0	35.2
Oman: Omani	87	88.5	1.1	0.0		67	86.6	0.0	0.0	*
Pakistan, South Karachi	124	96.0	0.0	0.0		86	94.2	0.0	0.0	*
Philippines, Manila	282	50.0	16.3	0.0		252	46.4	20.6	0.0	*
Singapore	170	88.2	0.0	0.0	74.7	140	81.4	0.0	0.0	86.4
Singapore: Chinese	137	86.9	0.0	0.0		108	78.7	0.0	0.0	
Singapore: Indian	17	94.1	0.0	0.0		13	84.6	0.0	0.0	
Singapore: Malay	16	93.8	0.0	0.0		19	94.7	0.0	0.0	
Thailand, Chiang Mai	56	62.5	1.8	0.0	10.7	53	49.1	0.0	0.0	15.1*
Thailand, Lampang	23	47.8	34.8	0.0	95.7	44	56.8	13.6	0.0	47.7*
Thailand, Songkhla	43	58.1	7.0	0.0	88.4	38	71.1	2.6	0.0	81.6
Turkey, Antalya	195	84.1	3.1	0.0	46.2	143	81.1	2.8	0.7	34.3*
Turkey, Izmir	431	88.2	0.0	0.2		264	85.2	0.0	1.1	*
Europe										
Austria	1618	83.7	12.7	0.2	76.1	1460	79.1	14.0	0.7	69.7
Austria, Tyrol	100	86.0	3.0	0.0	101.0	86	83.7	5.8	0.0	100.0
Austria, Vorarlberg	64	82.8	3.1	4.7	62.5	55	70.9	14.5	1.8	63.6
Belarus	1165	78.8		0.0	90.6	1012	78.5		0.0	97.3*
Belgium, Antwerp	273	96.0		0.0		210	91.0		0.0	*
Belgium, Flanders	916	92.6		0.9	93.7	760	88.7		0.7	93.3
Bulgaria	1606	49.8	32.6	0.2	86.0	1253	49.0	34.6	0.3	82.6*
Croatia	1386	48.8	6.0	45.1	72.5	1322	50.6	6.4	42.9	63.5
Czech Republic	1923	75.7	8.4	0.6	100.6	1734	70.1	10.1	1.0	101.6
Denmark	1135	78.3	0.2	2.7	85.6	975	74.1	0.2	2.9	82.4
Estonia	225	85.3	1.8	0.0	108.9	205	88.3	1.5	0.0	107.3
Finland	1056	86.0	1.5	1.4	74.8	927	79.5	2.2	2.6	71.1
France, Bas-Rhin	180	73.3		0.6		145	69.7		0.0	
France, Calvados	96	89.6		0.0		83	85.5		0.0	
France, Doubs	87	93.1		0.0		77	92.2		0.0	
France, Haut-Rhin	129	94.6		3.1		97	92.8		2.1	
France, Herault	167	88.6		0.0		151	85.4		0.0	
France, Isere	228	82.0		1.8		169	78.7		0.6	
France, Loire-Atlantique	188	94.1		0.0		141	90.1		0.0	
France, Manche	68	86.8		0.0		56	89.3		0.0	
France, Somme	89	65.2	0.0	2.2		72	62.5	0.0	4.2	
France, Tarn	75	73.3		0.0		50	70.0		0.0	
France, Vendee	80	87.5		2.5		68	89.7		1.5	
Germany, Brandenburg	541	68.4	23.5	4.6	147.1	473	60.7	31.5	3.6	154.3
Germany, Free State of Saxony	931	74.4	20.4	0.3	70.2	839	71.0	23.4	1.2	73.3
Germany, Hamburg	340	70.9	13.2	0.0	92.9	308	56.8	19.8	0.0	89.3
Germany, Mecklenburg-Western Pomerania	363	71.9	24.5	0.0	32.5	317	62.1	33.8	1.3	23.7
Germany, Munich	488	75.6	15.2	0.0	70.1	460	70.4	19.1	0.0	63.3
Germany, Northrhine-Westphalia: Munster	478	83.7	9.8	2.1	97.9	453	76.2	14.6	0.7	100.9
Germany, Saarland	223	91.0	4.0	0.0	72.2	175	88.6	5.7	0.0	77.7
Iceland	50	80.0	2.0	0.0	112.0	52	69.2	0.0	0.0	80.8
Ireland	810	72.6	3.0	0.5	75.1	622	61.9	4.3	1.6	71.1
Italy, Biella Province	28	42.9	0.0	0.0	78.6	31	64.5	0.0	3.2	54.8
Italy, Brescia Province	142	60.6	3.5	0.0	52.8	120	55.8	5.0	0.0	54.2
Italy, Ferrara Province	107	68.2	1.9	0.0	63.6	111	53.2	1.8	0.0	47.7
Italy, Florence and Prato	303	53.5	0.7	0.0	71.6	288	52.8	2.1	0.0	70.5
Italy, Genoa Province	144	61.8	0.0	0.0	54.2	119	53.8	1.7	0.0	52.9
Italy, Macerata Province	48	54.2	4.2	0.0	77.1	50	58.0	2.0	2.0	56.0
Italy, Milan	263	58.6	1.1	0.0	60.5	206	53.4	4.9	0.0	70.9
Italy, Modena Province	152	46.7	1.3	0.0	52.0	141	44.7	2.1	0.0	60.3
Italy, Naples	116	54.3	2.6	0.0	55.3	94	50.0	6.4	0.0	51.4
Italy, North East Cancer Surveillance Network	472	54.4	0.8	0.0	91.3	401	43.4	1.7	0.0	97.5
Italy, Parma Province	147	64.6	0.0	0.0	48.3	109	57.8	0.0	0.0	40.4
Italy, Ragusa Province	68	57.4	0.0	0.0	61.8	56	57.1	3.6	3.6	55.4
Italy, Reggio Emilia Province	113	48.7	0.0	0.0	61.9	93	39.8	0.0	0.0	62.4
Italy, Romagna Region	277	62.1	3.2	0.0	72.9	227	51.5	3.5	0.0	74.0
Italy, Salerno Province	184	51.6	4.3	0.0	53.3	188	48.4	6.9	0.0	56.4
Italy, Sassari Province	126	36.5	4.8	0.8	43.7	109	26.6	4.6	0.9	41.3
Italy, Syracuse Province	79	53.2	8.9	5.1	86.1	52	46.2	9.6	5.8	98.1
Italy, Sondrio	31	61.3	0.0	0.0	72.6	24	79.2	4.2	0.0	78.1
Italy, Torino	231	51.9	1.7	0.4	68.8	201	41.3	1.0	0.0	63.2
Italy, Umbria Region	221	56.1	0.9	18.6	89.1	210	50.0	1.9	20.5	93.8
Italy, Varese Province	136	64.0	0.7	0.0	61.0	90	54.4	0.0	0.0	62.2
Italy, Veneto Region	385	72.2	2.1	0.0	52.2	363	60.6	1.9	0.0	52.3

*Important. See note on population page.

Indices of data quality
Brain and central nervous sytem (C70-72) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	439	57.6	19.4	0.2	89.3	383	55.4	20.6	0.3	90.1
Lithuania	630	84.9	1.6	0.0	79.5	590	82.0	2.7	0.0	76.9
Malta	65	72.3	3.1	0.0	106.2	45	64.4	6.7	0.0	75.6
Norway	955	85.0	0.4	0.0	77.7	736	77.3	1.0	0.0	76.1
Poland, Cracow	146	62.3	9.6	0.0	84.8	126	52.4	14.3	0.0	82.3*
Poland, Kielce	355	59.2	2.3	7.0	61.3	369	48.0	2.7	6.0	44.4
Poland, Warsaw City	347	61.4	0.9	0.0	81.3	316	53.8	1.3	0.3	92.1
Portugal, Porto	445	93.5		0.0	103.1	362	92.8		0.0	103.0*
Portugal, South Regional	735	61.5	34.3	0.0	62.3	605	56.7	37.7	0.0	53.6
Russia, St Petersburg	573	66.7		13.3	89.4	571	62.2		14.4	105.3
Serbia	1345	76.6	10.6	0.4	74.3	1121	76.8	10.9	0.1	72.1
Slovak Republic	876	69.5	10.4	3.2	99.4	699	69.4	9.7	1.6	102.4
Slovenia	332	97.9	0.9	1.2	102.7	261	96.2	2.7	1.1	103.1
Spain, Albacete	64	39.1	12.5	4.7	62.5	39	33.3	12.8	2.6	110.3
Spain, Asturias	221	69.2	3.6	1.4	79.9	211	61.6	2.8	2.8	78.2
Spain, Basque Country	402	72.1	2.7	0.5	67.7	362	63.8	5.5	1.9	69.3
Spain, Canary Islands	240	81.3	5.4	0.0	84.4	202	69.3	4.5	1.0	79.2
Spain, Cuenca	50	36.0	10.0	0.0	80.0	37	27.0	10.8	0.0	62.2
Spain, Girona	128	62.5	7.0	2.3	77.3	108	65.7	1.9	0.0	68.5
Spain, Granada	128	78.9	0.0	0.0	78.1	110	74.5	0.9	0.0	81.8
Spain, Murcia	187	62.6	6.4	1.1	82.9	148	50.7	8.8	0.0	70.3
Spain, Navarra	142	53.5	3.5	0.0	81.7	123	48.8	3.3	0.0	79.7
Spain, Tarragona	109	61.5	11.0	1.8	65.1	111	65.8	9.0	1.8	64.0
Spain, Zaragoza	146	81.5	14.4	0.0	101.4	132	78.8	12.9	0.0	93.2
Sweden	1586	94.8		0.0	97.5	1164	91.3		0.0	101.5
Switzerland, Geneva	94	88.3	0.0	0.0	77.7	64	73.4	1.6	0.0	89.1
Switzerland, Graubunden and Glarus	56	75.0	1.8	0.0	58.9	49	87.8	0.0	0.0	67.3
Switzerland, Neuchatel	33	75.8	6.1	0.0	66.7	24	79.2	0.0	0.0	79.2
Switzerland, St Gall-Appenzell	95	86.3	0.0	0.0	75.8	77	77.9	1.3	0.0	79.2
Switzerland, Ticino	72	87.5	4.2	0.0	79.2	60	63.3	13.3	0.0	75.0
Switzerland, Valais	45	84.4	0.0	0.0	71.1	39	76.9	0.0	0.0	102.6
Switzerland, Vaud	116	91.4	2.6	0.0	83.6	89	83.1	5.6	0.0	74.2
The Netherlands	2871	84.5		0.0	79.7	2131	81.4		0.0	80.6
The Netherlands, Eindhoven	172	86.6		0.0		138	77.5		0.0	
The Netherlands, Maastricht	182	87.9		0.0	76.9	127	89.0		0.0	78.0
UK, East of England Region	570	75.3	0.0	3.0	78.9	418	65.3	0.5	3.1	80.1
UK, England, Merseyside and Cheshire	599	62.8	4.7	0.3	60.9	487	54.4	6.0	0.0	56.1
UK, England, North Western	727	72.1	1.0	1.5	83.2	615	63.9	3.1	2.4	74.8
UK, England, Northern and Yorkshire	1464	74.5	0.6	0.0	74.0	1056	66.2	1.6	0.0	75.2
UK, England, Oxford Region	562	76.9	0.9	13.7	79.9	375	68.8	1.6	18.7	80.5
UK, England, South and Western Regions	1676	63.1	1.5	5.1	80.3	1208	55.5	1.8	6.7	76.7
UK, England, Thames	2833	70.1	6.5	4.5	74.7	2171	64.5	8.4	4.0	74.5
UK, England, Trent	1064	63.7	5.8	1.9	74.0	866	55.8	7.3	2.3	66.6
UK, England, West Midlands	1019	78.4	4.6	0.0	78.0	740	71.5	6.1	0.0	79.3
UK, Northern Ireland	338	61.5	0.9	0.0	67.8	254	55.9	1.2	0.0	67.7
UK, Scotland	1071	72.2	0.2	0.9	84.5	823	64.0	0.5	1.2	87.2
Oceania										
Australia, New South Wales	1328	86.8	0.6	0.0	77.7	983	82.4	1.3	0.0	73.1
Australia, Northern Territory	24	83.3	4.2	0.0	54.2	14	64.3	0.0	0.0	78.6
Australia, Queensland	686	84.0	0.7	0.1	80.3	528	76.9	1.7	0.0	80.7
Australia, South	334	78.1	0.0	0.3	82.3	234	72.6	0.0	0.4	80.8
Australia, Tasmania	106	84.0	0.0	0.9	73.9	70	87.1	0.0	0.0	81.0
Australia, Victoria	1070	85.1	1.8	2.1	75.3	815	79.1	3.2	3.2	76.6
Australia, Western	349	88.0	2.3	0.3	87.7	247	83.4	4.5	0.0	88.3
Australian Capital Territory	55	78.2	0.0	0.0	83.6	43	88.4	0.0	0.0	79.1
French Polynesia	25	52.0	16.0	8.0	68.0	20	70.0	10.0	5.0	55.0
New Zealand	783	81.4	4.0	0.0	82.8	508	72.8	4.9	0.0	88.8
USA, Hawaii	158	89.2	1.3	0.0	63.3	124	87.1	2.4	0.8	56.5
USA, Hawaii: Chinese	6	83.3	0.0	0.0		4	75.0	0.0	0.0	
USA, Hawaii: Filipino	19	73.7	0.0	0.0		10	90.0	0.0	0.0	
USA, Hawaii: Hawaiian	29	93.1	0.0	0.0		25	84.0	4.0	0.0	
USA, Hawaii: Japanese	27	96.3	3.7	0.0		23	87.0	4.3	0.0	
USA, Hawaii: White	68	91.2	1.5	0.0	64.7	49	87.8	2.0	2.0	59.2

*Important. See note on population page.

Indices of data quality
Thyroid (C73)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	32	100.0		0.0		88	98.9		0.0	*
Egypt, Gharbiah	53	90.6	5.7	0.0	11.3	151	96.0	2.0	0.0	4.6
Tunisia, Centre, Sousse	14	100.0		0.0		34	100.0		0.0	*
Uganda, Kyadondo County	11	54.5		0.0		26	92.3		0.0	*
Zimbabwe, Harare: African	14	71.4	0.0	0.0		45	68.9	4.4	0.0	*
America, Central and South										
Argentina, Bahia Blanca	6	83.3	16.7	0.0	50.0	17	94.1	5.9	0.0	47.1
Brazil, Brasilia	88	92.0	3.4	4.5	12.5	338	97.3	0.6	2.1	7.7
Brazil, Cuiaba	8	100.0	0.0	0.0	12.5	43	72.1	4.7	2.3	4.7
Brazil, Goiania	39	94.9	2.6	0.0	10.3	208	94.7	2.9	0.5	10.6
Brazil, Sao Paulo	861	85.9	1.2	0.0	7.8	4399	86.3	0.7	0.0	3.3
Chile, Valdivia	16	93.8	0.0	0.0	25.0	42	92.9	0.0	0.0	14.3
Colombia, Cali	85	89.4	2.4	0.0	27.1	450	97.8	0.0	0.0	8.9
Costa Rica	141	95.0	0.7	0.0	9.9	739	95.5	0.8	0.0	7.3
Ecuador, Quito	57	87.7	3.5	0.0	24.6	356	89.9	2.8	0.0	13.5
France, La Martinique	11	100.0		0.0	34.1	80	81.3		2.5	4.7
Peru, Trujillo	17	100.0	0.0	0.0		68	100.0	0.0	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	2095	93.6	0.0	6.1	10.2	6839	91.8	0.1	7.9	4.4
Canada, Alberta	295	99.3	0.0	0.0	8.8	802	99.9	0.0	0.0	4.0
Canada, British Columbia	271	99.3	0.4	0.0	16.6	733	99.5	0.0	0.0	9.0
Canada, Manitoba	68	100.0	0.0	0.0	10.3	265	99.6	0.4	0.0	7.5
Canada, New Brunswick	54	100.0	0.0	0.0	11.1	178	99.4	0.0	0.0	6.2
Canada, Newfoundland and Labrador	26	100.0		0.0	26.9	102	99.0		1.0	7.8
Canada, Northwest Territories	2	100.0	0.0	0.0		7	100.0	0.0	0.0	
Canada, Nova Scotia	54	96.3	0.0	0.0	14.8	180	99.4	0.0	0.0	4.4
Canada, Ontario	1243	89.7	0.0	10.3	8.4	4349	87.3	0.1	12.5	3.2
Canada, Prince Edward Island	3	100.0	0.0	0.0		19	100.0	0.0	0.0	15.8
Canada, Saskatchewan	79	100.0	0.0	0.0	12.7	204	99.5	0.5	0.0	6.9
USA, Alabama	300	99.0	0.0	0.7	16.0	898	99.2	0.1	0.4	5.7
USA, Alabama: Black	38	97.4	0.0	0.0	28.9	171	98.8	0.0	0.6	9.9
USA, Alabama: White	257	99.2	0.0	0.8	14.0	704	99.3	0.1	0.4	4.8
USA, Alaska	63	98.4	0.0	1.6	6.3	173	99.4	0.0	0.6	1.2
USA, Arizona	475	99.2	0.2	0.4	11.6	1368	99.6	0.1	0.1	3.5
USA, California	2720	99.5	0.1	0.1	11.2	8487	99.5	0.1	0.1	5.2
USA, California: Asian and Pacific Islander	329	99.7	0.0	0.0	9.7	1264	99.4	0.2	0.1	6.3
USA, California: Black	103	99.0	0.0	1.0	14.6	308	98.7	0.3	0.0	7.8
USA, California: Hispanic White	470	99.8	0.0	0.0	11.9	2002	99.9	0.0	0.0	4.9
USA, California: Non-Hispanic White	1789	99.4	0.2	0.1	11.2	4783	99.5	0.1	0.2	5.0
USA, California, Greater San Francisco Bay Area	545	99.4	0.2	0.0	11.4	1572	99.7	0.1	0.1	5.0
USA, California, Greater San Francisco Bay Area: Black	22	100.0	0.0	0.0	18.2	57	100.0	0.0	0.0	7.0
USA, California, Greater San Francisco Bay Area: Chinese	37	97.3	0.0	0.0		135	99.3	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Filipino	33	100.0	0.0	0.0		94	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Japanese	5	100.0	0.0	0.0		22	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Hispanic White	66	100.0	0.0	0.0	6.1	236	100.0	0.0	0.0	5.9
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	339	99.4	0.3	0.0	13.0	826	99.6	0.1	0.2	3.9
USA, California, Los Angeles County	779	99.6	0.0	0.1	11.0	2516	99.6	0.2	0.0	6.2
USA, California, Los Angeles County: Black	47	100.0	0.0	0.0	12.8	129	98.4	0.8	0.0	11.6
USA, California, Los Angeles County: Chinese	26	100.0	0.0	0.0	15.4	81	100.0	0.0	0.0	6.2
USA, California, Los Angeles County: Filipino	37	100.0	0.0	0.0	10.8	155	100.0	0.0	0.0	8.4
USA, California, Los Angeles County: Japanese	17	100.0	0.0	0.0	17.6	33	100.0	0.0	0.0	9.1
USA, California, Los Angeles County: Korean	18	100.0	0.0	0.0	5.6	59	98.3	1.7	0.0	8.5
USA, California, Los Angeles County: Hispanic White	169	99.4	0.0	0.0	16.0	802	99.9	0.0	0.0	4.7
USA, California, Los Angeles County: Non-Hispanic White	438	99.5	0.0	0.2	9.4	1160	99.7	0.1	0.0	6.3
USA, Colorado	432	98.1	0.9	0.5	8.8	1256	99.4	0.1	0.2	4.2
USA, Connecticut	386	100.0	0.0	0.0	11.4	1113	99.5	0.2	0.1	4.1
USA, Connecticut: Black	7	100.0	0.0	0.0	14.3	51	98.0	0.0	2.0	2.0
USA, Connecticut: White	368	100.0	0.0	0.0	11.4	1007	99.5	0.2	0.0	4.2
USA, District of Columbia	82	96.3	0.0	3.7	7.3	191	99.0	0.5	0.5	4.7
USA, District of Columbia: Black	36	100.0	0.0	0.0	13.9	107	99.1	0.9	0.0	7.5
USA, District of Columbia: White	40	97.5	0.0	2.5	2.5	62	100.0	0.0	0.0	1.6
USA, Florida	1434	98.2	1.4	0.1	12.3	4052	99.4	0.2	0.1	6.8
USA, Florida: Black	69	94.2	4.3	0.0	15.9	345	99.1	0.6	0.0	7.8
USA, Florida: White	1334	98.4	1.3	0.1	12.4	3582	99.4	0.2	0.1	6.8
USA, Georgia	568	98.8	0.4	0.2	9.3	1774	99.5	0.3	0.1	4.2
USA, Georgia: Black	66	97.0	0.0	1.5	12.1	334	99.1	0.9	0.0	5.1
USA, Georgia: White	484	99.0	0.4	0.0	9.3	1377	99.6	0.2	0.1	3.8
USA, Georgia, Atlanta	213	99.5	0.0	0.0	4.7	720	100.0	0.0	0.0	3.3
USA, Georgia, Atlanta: Black	26	100.0	0.0	0.0	7.7	157	100.0	0.0	0.0	3.2
USA, Georgia, Atlanta: White	173	99.4	0.0	0.0	4.6	525	100.0	0.0	0.0	3.0
USA, Idaho	117	100.0	0.0	0.0	6.8	367	99.7	0.0	0.3	4.1
USA, Illinois	1100	98.9	0.5	0.4	9.7	3380	99.5	0.3	0.0	4.7
USA, Illinois: Black	62	96.8	0.0	3.2	4.8	277	98.6	0.7	0.0	8.3
USA, Illinois: White	972	99.0	0.6	0.2	10.6	2908	99.5	0.2	0.0	4.5
USA, Indiana	476	99.8	0.2	0.0	13.2	1451	99.7	0.1	0.0	6.5
USA, Iowa	290	99.3	0.3	0.0	10.3	861	99.7	0.1	0.0	5.2
USA, Kentucky	332	98.8	0.3	0.9	12.0	1057	99.1	0.2	0.4	6.5
USA, Louisiana	318	99.4	0.0	0.0	13.5	1052	98.5	0.4	0.2	7.1
USA, Louisiana: Black	47	95.7	0.0	0.0	25.5	209	98.6	0.0	0.0	12.0
USA, Louisiana: White	266	100.0	0.0	0.0	11.7	831	98.4	0.5	0.2	6.0
USA, Louisiana, New Orleans: Black	15	100.0	0.0	0.0	33.3	59	100.0	0.0	0.0	15.3
USA, Louisiana, New Orleans: White	54	100.0	0.0	0.0	13.0	163	96.9	0.6	0.6	6.7

*Important. See note on population page.

Indices of data quality
Thyroid (C73) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	99	100.0	0.0	0.0	18.2	338	99.1	0.0	0.9	5.0
USA, Massachusetts	644	99.1	0.8	0.2	9.3	2132	99.6	0.3	0.1	4.2
USA, Michigan	842	98.8	0.5	0.6	11.8	2696	98.9	0.4	0.5	6.0
USA, Michigan: Black	65	96.9	0.0	3.1	15.4	242	97.9	0.4	0.8	6.2
USA, Michigan: White	756	98.9	0.5	0.4	11.8	2348	98.9	0.4	0.5	6.2
USA, Michigan, Detroit	384	99.2	0.5	0.0	11.2	1171	99.4	0.1	0.3	5.0
USA, Michigan, Detroit: Black	53	98.1	1.9	0.0	15.1	180	98.3	0.0	0.6	3.9
USA, Michigan, Detroit: White	323	99.4	0.3	0.0	10.8	946	99.6	0.1	0.2	5.3
USA, Missouri	480	98.5	0.8	0.4	12.7	1496	99.7	0.1	0.2	5.3
USA, Missouri: Black	22	95.5	0.0	0.0	9.1	93	100.0	0.0	0.0	10.8
USA, Missouri: White	452	98.7	0.9	0.4	13.1	1370	99.7	0.1	0.2	5.0
USA, Montana	108	97.2	1.9	0.9	9.3	321	99.1	0.3	0.3	4.0
USA, NPCR	19839	98.9	0.5	0.4	10.6	60456	99.3	0.2	0.3	5.1
USA, NPCR: Black	1052	97.4	0.9	0.9	14.4	4256	98.7	0.4	0.3	7.3
USA, NPCR: White	17616	99.0	0.5	0.3	10.8	51843	99.3	0.2	0.3	5.1
USA, New Jersey	969	98.9	0.1	0.6	9.8	2966	99.2	0.1	0.4	4.3
USA, New Jersey: Black	64	96.9	0.0	1.6	14.1	213	99.1	0.5	0.5	4.2
USA, New Jersey: White	845	98.9	0.1	0.6	9.9	2522	99.1	0.0	0.4	4.6
USA, New Mexico	222	98.6	0.5	0.5	9.9	636	99.1	0.3	0.0	4.6
USA, New Mexico: American Indian	7	100.0	0.0	0.0	28.6	40	100.0	0.0	0.0	2.5
USA, New Mexico: Hispanic White	81	97.5	0.0	1.2	8.6	214	98.6	0.9	0.0	7.0
USA, New Mexico: Non-Hispanic White	131	99.2	0.8	0.0	9.2	371	99.2	0.0	0.0	3.2
USA, New York State	2019	98.9	0.2	0.2	7.9	6201	99.0	0.1	0.4	5.0
USA, New York State: Black	112	99.1	0.0	0.0	10.7	564	98.6	0.0	0.4	8.9
USA, New York State: White	1790	98.8	0.3	0.3	8.0	5205	99.1	0.1	0.3	4.9
USA, Ohio	856	98.1	1.2	0.5	14.7	2605	99.4	0.3	0.1	5.1
USA, Ohio: Black	42	92.9	7.1	0.0	19.0	170	98.8	0.0	0.0	5.3
USA, Ohio: White	766	98.3	0.9	0.5	15.4	2314	99.4	0.3	0.1	5.3
USA, Oklahoma	230	97.8	0.4	0.4	15.7	596	98.0	0.0	0.5	6.0
USA, Oregon	305	99.7	0.3	0.0	8.9	848	99.6	0.1	0.1	6.6
USA, Pennsylvania	1513	99.6	0.1	0.2	7.5	4903	99.4	0.2	0.2	4.5
USA, Pennsylvania: Black	76	100.0	0.0	0.0	9.2	365	99.5	0.0	0.3	5.5
USA, Pennsylvania: White	1381	99.6	0.1	0.2	7.7	4355	99.4	0.3	0.2	4.6
USA, Rhode Island	116	100.0	0.0	0.0	13.8	377	99.7	0.0	0.0	2.4
USA, SEER (9 Registries)	2588	99.5	0.2	0.1	9.6	7819	99.6	0.1	0.1	4.4
USA, SEER (9 Registries): Black	121	99.2	0.8	0.0	14.0	494	99.2	0.0	0.4	3.6
USA, SEER (9 Registries): White	2216	99.5	0.1	0.1	9.3	6306	99.6	0.1	0.1	4.4
USA, SEER (14 Registries)	6586	99.3	0.2	0.2	10.6	20454	99.4	0.1	0.2	5.0
USA, SEER (14 Registries): Asian and Pacific Islander	518	99.6	0.0	0.0	9.5	2014	99.5	0.1	0.1	5.6
USA, SEER (14 Registries): Black	330	98.2	0.3	0.6	16.1	1224	98.9	0.2	0.2	6.3
USA, SEER (14 Registries): Hispanic White	680	99.4	0.0	0.3	10.4	2779	99.6	0.1	0.1	4.6
USA, SEER (14 Registries): Non-Hispanic White	4971	99.4	0.2	0.2	10.5	14047	99.4	0.1	0.1	4.9
USA, South Carolina	265	99.2	0.4	0.4	14.7	839	98.9	0.2	0.7	5.6
USA, South Carolina: Black	37	100.0	0.0	0.0	21.6	162	99.4	0.0	0.6	8.0
USA, South Carolina: White	223	99.1	0.4	0.4	13.9	659	98.8	0.3	0.8	5.2
USA, Texas	1699	98.2	0.6	0.9	10.1	4887	98.3	0.4	1.0	4.8
USA, Texas: Black	96	97.9	1.0	1.0	11.5	332	97.6	0.9	1.5	6.3
USA, Texas: White	1518	98.4	0.6	0.7	10.5	4285	98.4	0.4	1.0	4.9
USA, Utah	202	99.5	0.0	0.5	8.4	691	99.9	0.0	0.0	3.5
USA, Vermont	52	96.2	1.9	0.0	13.5	170	100.0	0.0	0.0	4.1
USA, Washington State	580	99.5	0.3	0.2	7.4	1760	99.7	0.1	0.1	4.1
USA, Washington, Seattle	411	99.5	0.2	0.2	7.1	1215	99.8	0.0	0.1	4.0
USA, West Virginia	179	99.4	0.6	0.0	13.4	542	98.9	0.4	0.4	6.5
USA, Wisconsin	463	97.6	0.9	1.1	12.5	1288	98.6	0.9	0.4	6.6
Asia										
Bahrain: Bahraini	8	100.0	0.0	0.0	12.5	57	100.0	0.0	0.0	1.8
China, Guangzhou City	84	88.1	0.0	0.0	19.0	295	89.8	0.0	0.0	5.8*
China, Hong Kong	447	97.8	0.2	0.0	15.0	1557	97.9	0.2	0.0	7.6
China, Jiashan	11	72.7	0.0	0.0		20	95.0	0.0	0.0	*
China, Nangang District, Harbin City	18	72.2	0.0	0.0	44.4	33	87.9	0.0	0.0	33.3
China, Shanghai	314	88.2	0.3	0.0	16.2	1044	91.0	0.2	0.0	8.9*
China, Zhongshan	35	100.0	0.0	0.0		105	99.0	0.0	0.0	*
Cyprus	54	96.3		3.7		190	99.5		0.5	*
India, Chennai (Madras)	82	65.9	1.2	18.3	32.9	202	78.7	1.5	11.9	18.3
India, New Delhi	262	75.2	0.0	0.0		579	75.8	0.5	0.0	*
India, Karunagappally	17	100.0	0.0	0.0		44	95.5	0.0	0.0	
India, Mumbai (Bombay)	184	88.6	3.8	0.0	22.3	355	87.3	3.1	0.3	14.4
India, Nagpur	17	94.1	0.0	0.0		42	95.2	0.0	0.0	*
India, Poona	53	81.1	0.0	0.0		93	76.3	3.2	0.0	*
India, Trivandrum	58	100.0	0.0	0.0		196	99.5	0.0	0.0	*
Israel	526	96.0	1.0	1.0	16.4	1948	94.0	0.5	3.1	7.3
Israel: Jews	474	97.0	0.6	0.4		1747	95.0	0.4	2.5	
Israel: Non-Jews	43	95.3	0.0	2.3		161	95.7	0.0	3.1	
Japan, Aichi Prefecture	50	94.0	6.0	0.0	42.0	196	96.4	3.1	0.5	11.7
Japan, Fukui Prefecture	81	95.1	1.2	1.2	14.8	221	95.5	0.5	0.5	13.6
Japan, Hiroshima	93	94.6	2.2	0.0	15.1	472	96.6	0.4	0.0	6.6
Japan, Miyagi Prefecture	175	96.0	1.1	0.0	22.9	819	97.9	1.0	0.0	8.2
Japan, Nagasaki Prefecture	122	92.6	4.1	0.0	18.9	473	96.6	1.5	0.2	15.9
Japan, Osaka Prefecture	432	86.3	5.3	0.0	31.9	1194	86.2	5.9	0.0	26.2
Japan, Yamagata Prefecture	77	92.2	6.5	0.0	40.3	393	94.9	1.0	0.5	14.0

*Important. See note on population page.

Indices of data quality
Thyroid (C73) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	2314	95.6	1.0	0.0	12.9	13725	97.0	0.6	0.0	5.5
Korea, Busan	215	93.0	0.5	0.0	16.7	989	95.0	0.8	0.0	7.4
Korea, Daegu	118	96.6	2.5	0.0	11.0	753	98.7	0.1	0.0	5.4
Korea, Daejeon	73	94.5	1.4	0.0	15.1	339	96.8	0.3	0.0	6.5
Korea, Gwangju	121	97.5	0.0	0.0	4.1	809	98.1	0.0	0.0	3.5
Korea, Incheon	109	90.8	2.8	0.0	13.8	715	93.4	0.8	0.0	6.7
Korea, Jejudo	25	88.0	0.0	0.0	12.0	128	93.8	0.0	0.0	8.2
Korea, Seoul	644	96.7	1.7	0.0	9.3	4122	97.6	0.5	0.0	3.6
Korea, Ulsan	49	95.9	2.0	0.0	6.1	265	96.6	0.8	0.0	2.6
Kuwait: Kuwaitis	46	97.8	2.2	0.0		120	99.2	0.8	0.0	
Kuwait: Non-Kuwaitis	62	100.0	0.0	0.0		86	97.7	2.3	0.0	
Malaysia, Penang	25	92.0	0.0	0.0		103	95.1	1.0	0.0	
Malaysia, Sarawak	46	97.8	2.2	0.0		138	93.5	2.9	0.0	3.6
Oman: Omani	32	93.8	0.0	0.0		137	98.5	0.0	0.0	*
Pakistan, South Karachi	25	96.0	0.0	0.0		71	98.6	0.0	0.0	*
Philippines, Manila	260	90.4	1.9	0.0		1206	93.3	1.3	0.0	*
Singapore	180	99.4	0.0	0.0	15.6	636	98.7	0.0	0.0	11.0
Singapore: Chinese	147	99.3	0.0	0.0		512	98.8	0.0	0.0	
Singapore: Indian	11	100.0	0.0	0.0		46	97.8	0.0	0.0	
Singapore: Malay	22	100.0	0.0	0.0		78	98.7	0.0	0.0	
Thailand, Chiang Mai	43	95.3	0.0	0.0		191	95.8	0.0	0.0	*
Thailand, Lampang	18	77.8	5.6	0.0	55.6	87	81.6	4.6	0.0	33.3*
Thailand, Songkhla	52	96.2	3.8	0.0	78.8	209	97.1	1.4	0.0	15.3
Turkey, Antalya	38	92.1	5.3	0.0	10.5	157	94.9	0.0	1.3	3.8*
Turkey, Izmir	90	95.6	0.0	1.1		329	98.5	0.0	0.3	*
Europe										
Austria	737	97.4	2.4	0.0	22.7	1880	97.0	2.7	0.0	18.0
Austria, Tyrol	73	97.3	2.7	0.0	28.8	198	99.0	0.5	0.0	20.2
Austria, Vorarlberg	25	80.0	8.0	4.0	36.0	70	94.3	1.4	1.4	14.3
Belarus	892	98.8		0.0	12.3	3860	99.0		0.0	5.4*
Belgium, Antwerp	64	100.0		0.0		128	100.0		0.0	*
Belgium, Flanders	206	94.7		4.9	31.6	512	92.6		6.4	26.6
Bulgaria	244	81.6	10.2	0.0	47.5	785	87.0	6.4	0.0	24.5*
Croatia	306	92.2	0.7	7.2	19.6	1254	93.1	0.8	6.1	9.2
Czech Republic	571	95.8	1.8	0.7	27.7	2012	96.3	1.7	0.2	17.8
Denmark	210	97.6	0.0	1.4	33.8	524	97.7	0.2	0.8	22.3
Estonia	52	98.1	0.0	0.0	36.5	293	99.3	0.0	0.0	18.1
Finland	384	98.7	0.0	0.5	21.6	1281	99.1	0.2	0.1	11.9
France, Bas-Rhin	75	98.7		0.0		198	99.5		0.0	
France, Calvados	59	100.0		0.0		203	100.0		0.0	
France, Doubs	60	100.0		0.0		182	100.0		0.0	
France, Haut-Rhin	58	100.0		0.0		119	99.2		0.8	
France, Herault	62	98.4		0.0		220	99.5		0.0	
France, Isere	143	100.0		0.0		461	98.9		0.9	
France, Loire-Atlantique	106	100.0		0.0		405	99.8		0.0	
France, Manche	32	100.0		0.0		122	100.0		0.0	
France, Somme	36	100.0	0.0	0.0		165	98.2	0.0	0.0	
France, Tarn	46	97.8		0.0		214	100.0		0.0	
France, Vendee	96	99.0		0.0		306	99.7		0.0	
Germany, Brandenburg	205	92.7	2.9	3.4	32.7	526	91.4	4.2	3.2	23.6
Germany, Free State of Saxony	337	94.7	5.0	0.0	22.0	930	94.8	4.3	0.1	17.2
Germany, Hamburg	75	85.3	6.7	0.0	30.7	152	86.8	2.6	0.0	26.3
Germany, Mecklenburg-Western Pomerania	136	96.3	3.7	0.0	8.1	405	95.8	4.0	0.0	5.2
Germany, Munich	209	99.0	0.0	0.0	26.8	637	99.8	0.0	0.0	13.3
Germany, Northrhine-Westphalia: Munster	122	90.2	4.1	0.8	24.6	308	84.7	5.5	0.3	25.0
Germany, Saarland	71	97.2	2.8	0.0	21.1	216	97.7	1.9	0.0	19.0
Iceland	41	100.0	0.0	0.0	17.1	91	100.0	0.0	0.0	11.0
Ireland	94	92.6	3.2	0.0	38.3	263	96.2	0.8	1.5	24.3
Italy, Biella Province	23	100.0	0.0	0.0	17.4	51	98.0	0.0	0.0	9.8
Italy, Brescia Province	105	95.2	0.0	0.0	15.2	334	93.1	0.3	0.0	4.2
Italy, Ferrara Province	87	97.7	1.1	0.0	8.0	266	98.9	0.0	0.0	5.3
Italy, Florence and Prato	143	82.5	0.0	0.0	15.4	451	85.4	0.0	0.0	11.1
Italy, Genoa Province	71	91.5	0.0	0.0	12.7	203	90.1	0.0	0.0	9.9
Italy, Macerata Province	17	100.0	0.0	0.0	35.3	49	89.8	0.0	2.0	10.2
Italy, Milan	119	95.8	0.0	0.0	19.3	341	90.6	0.3	0.0	11.1
Italy, Modena Province	127	100.0	0.0	0.0	7.1	349	99.4	0.0	0.0	6.6
Italy, Naples	53	94.3	1.9	0.0	14.2	150	93.3	0.0	0.0	7.2
Italy, North East Cancer Surveillance Network	210	97.1	0.0	0.0	20.0	700	97.1	0.0	0.0	12.6
Italy, Parma Province	71	97.2	0.0	0.0	18.3	198	98.0	0.0	0.0	5.6
Italy, Ragusa Province	31	90.3	0.0	0.0	9.7	97	96.9	1.0	0.0	8.2
Italy, Reggio Emilia Province	84	97.6	0.0	0.0	19.0	259	98.8	0.0	0.0	5.0
Italy, Romagna Region	151	93.4	0.0	0.0	11.3	520	95.2	0.2	0.0	6.7
Italy, Salerno Province	93	80.6	0.0	0.0	19.4	341	82.4	0.3	0.0	8.5
Italy, Sassari Province	50	98.0	2.0	0.0	22.0	200	98.5	0.5	0.0	6.0
Italy, Syracuse Province	35	100.0	0.0	0.0	11.4	146	95.2	0.0	0.0	6.8
Italy, Sondrio	15	93.3	0.0	0.0	8.3	58	96.6	0.0	0.0	8.6
Italy, Torino	80	98.8	1.3	0.0	11.3	306	99.3	0.3	0.0	10.5
Italy, Umbria Region	104	88.5	0.0	11.5	17.3	295	83.7	0.3	14.2	11.5
Italy, Varese Province	45	86.7	2.2	0.0	17.8	123	94.3	0.0	0.0	12.2
Italy, Veneto Region	156	98.1	0.0	0.0	15.4	482	96.3	0.2	0.0	11.0

*Important. See note on population page.

Indices of data quality
Thyroid (C73) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	70	82.9	5.7	0.0	45.7	412	88.8	2.9	0.2	31.6
Lithuania	167	95.2	0.0	0.0	35.3	838	96.2	0.6	0.0	15.3
Malta	19	94.7	0.0	0.0	26.3	112	99.1	0.9	0.0	12.5
Norway	247	98.4	0.4	0.0	26.3	649	98.5	0.2	0.0	19.3
Poland, Cracow	43	81.4	2.3	0.0	32.0	214	91.6	1.4	0.0	11.7*
Poland, Kielce	59	91.5	1.7	1.7	31.8	340	96.8	0.6	0.3	13.6
Poland, Warsaw City	66	98.5	0.0	0.0	30.3	320	96.3	0.6	0.3	14.1
Portugal, Porto	194	99.5		0.0	16.5	1233	99.2		0.0	4.1*
Portugal, South Regional	151	92.1	7.3	0.0	23.2	564	96.1	3.2	0.0	13.1
Russia, St Petersburg	152	79.6		7.9		714	90.6		3.4	
Serbia	125	74.4	10.4	0.0	52.8	405	79.3	6.4	0.0	33.6
Slovak Republic	219	93.2	5.5	0.5	28.3	802	95.8	3.0	0.5	16.5
Slovenia	116	99.1	0.9	0.0	28.4	342	99.7	0.3	0.0	16.1
Spain, Albacete	10	90.0	0.0	10.0	40.0	42	100.0	0.0	0.0	2.4
Spain, Asturias	55	100.0	0.0	0.0	33.3	197	98.0	0.0	0.0	23.7
Spain, Basque Country	94	96.8	3.2	0.0	23.4	239	98.3	0.8	0.4	15.9
Spain, Canary Islands	81	100.0	0.0	0.0	18.5	294	96.6	1.7	1.4	13.2
Spain, Cuenca	9	100.0	0.0	0.0	22.2	20	100.0	0.0	0.0	15.0
Spain, Girona	40	100.0	0.0	0.0	22.5	112	98.2	0.9	0.9	11.6
Spain, Granada	27	96.3	0.0	0.0	25.9	185	100.0	0.0	0.0	7.0
Spain, Murcia	68	100.0	0.0	0.0	16.2	254	97.2	0.8	0.4	8.3
Spain, Navarra	51	96.1	3.9	0.0	25.5	185	99.5	0.0	0.0	5.4
Spain, Tarragona	23	95.7	4.3	0.0	26.1	72	100.0	0.0	0.0	12.5
Spain, Zaragoza	37	97.3	0.0	0.0	43.2	123	95.9	3.3	0.0	18.7
Sweden	407	99.8		0.0	32.2	1031	99.8		0.0	23.8
Switzerland, Geneva	27	100.0	0.0	0.0	11.1	98	100.0	0.0	0.0	11.2
Switzerland, Graubunden and Glarus	7	100.0	0.0	0.0	28.6	21	95.2	0.0	0.0	47.6
Switzerland, Neuchatel	15	100.0	0.0	0.0	6.7	26	100.0	0.0	0.0	15.4
Switzerland, St Gall-Appenzell	38	97.4	2.6	0.0	28.9	90	100.0	0.0	0.0	15.6
Switzerland, Ticino	25	100.0	0.0	0.0	32.0	55	98.2	1.8	0.0	20.0
Switzerland, Valais	17	94.1	0.0	0.0	23.5	66	98.5	0.0	0.0	22.7
Switzerland, Vaud	41	100.0	0.0	0.0	39.0	106	99.1	0.0	0.0	16.0
The Netherlands	524	99.4		0.0	33.0	1293	99.4		0.0	24.3
The Netherlands, Eindhoven	34	97.1		0.0		85	100.0		0.0	
The Netherlands, Maastricht	24	100.0		0.0	33.3	76	100.0		0.0	26.3
UK, East of England Region	95	91.6	0.0	2.1	31.6	209	96.7	0.0	1.0	18.7
UK, England, Merseyside and Cheshire	78	91.0	0.0	0.0	21.8	213	95.8	0.9	0.5	21.1
UK, England, North Western	105	89.5	1.0	1.0	54.3	322	93.8	0.9	0.9	26.1
UK, England, Northern and Yorkshire	230	92.2	0.9	0.0	28.3	588	92.7	0.9	0.0	17.5
UK, England, Oxford Region	84	92.9	0.0	4.8	15.5	252	96.4	0.0	2.8	12.7
UK, England, South and Western Regions	232	89.2	1.7	3.4	29.3	640	90.9	0.8	3.0	20.8
UK, England, Thames	433	89.4	4.4	2.3	28.4	1133	91.4	3.1	1.9	21.4
UK, England, Trent	153	94.8	2.6	1.3	29.4	363	93.4	3.0	0.3	25.1
UK, England, West Midlands	189	95.8	1.1	0.0	23.3	475	96.0	1.3	0.0	19.8
UK, Northern Ireland	72	91.7	0.0	0.0	19.4	160	86.9	0.0	0.0	16.3
UK, Scotland	177	100.0	0.0	0.0	24.3	485	97.3	0.0	0.2	23.1
Oceania										
Australia, New South Wales	506	97.4	0.0	0.0	11.7	1639	97.0	0.3	0.0	5.4
Australia, Northern Territory	14	100.0	0.0	0.0	21.4	21	100.0	0.0	0.0	4.8
Australia, Queensland	304	95.7	0.3	0.0	11.2	857	97.1	0.0	0.0	3.4
Australia, South	112	100.0	0.0	0.0	17.0	310	99.4	0.0	0.0	6.5
Australia, Tasmania	35	97.1	0.0	0.0	23.8	107	98.1	0.0	0.9	12.5
Australia, Victoria	257	97.7	0.0	0.8	17.9	750	97.3	0.5	0.5	7.9
Australia, Western	130	99.2	0.8	0.0	12.3	334	99.4	0.3	0.0	9.6
Australian Capital Territory	20	100.0	0.0	0.0		52	96.2	0.0	0.0	3.8
French Polynesia	26	100.0	0.0	0.0	7.7	180	99.4	0.6	0.0	7.2
New Zealand	181	97.8	0.0	0.0	18.2	598	99.0	0.2	0.0	9.5
USA, Hawaii	132	99.2	0.0	0.0	11.4	430	100.0	0.0	0.0	4.9
USA, Hawaii: Chinese	5	100.0	0.0	0.0		38	100.0	0.0	0.0	
USA, Hawaii: Filipino	37	97.3	0.0	0.0		138	100.0	0.0	0.0	
USA, Hawaii: Hawaiian	23	100.0	0.0	0.0		61	100.0	0.0	0.0	
USA, Hawaii: Japanese	18	100.0	0.0	0.0		60	100.0	0.0	0.0	
USA, Hawaii: White	40	100.0	0.0	0.0	7.5	81	100.0	0.0	0.0	4.9

*Important. See note on population page.

Indices of data quality
Lymphoma (C81-90,C96)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	187	100.0		0.0		149	99.3		0.0	*
Egypt, Gharbiah	1118	94.6	1.3	0.0	16.4	667	92.8	3.3	0.0	16.6
Tunisia, Centre, Sousse	119	97.5		0.0		71	98.6		0.0	*
Uganda, Kyadondo County	198	81.8		0.0		156	78.8		0.0	*
Zimbabwe, Harare: African	318	87.1	7.2	0.0		250	82.8	10.0	0.0	*
America, Central and South										
Argentina, Bahia Blanca	88	76.1	9.1	11.4	94.3	116	74.1	15.5	7.8	69.8
Brazil, Brasilia	406	93.3	5.2	1.0	39.2	284	87.3	8.1	4.2	50.0
Brazil, Cuiaba	70	80.0	11.4	1.4	37.1	50	78.0	10.0	2.0	38.0
Brazil, Goiania	208	89.9	8.7	0.0	13.0	197	91.9	7.1	0.0	5.6
Brazil, Sao Paulo	3887	99.4	0.0	0.0	35.8	3656	99.6	0.0	0.0	36.6
Chile, Valdivia	94	100.0	0.0	0.0	60.6	72	100.0	0.0	0.0	66.7
Colombia, Cali	547	90.5	0.4	0.0	41.0	525	93.0	0.6	0.2	42.9
Costa Rica	748	96.3	0.7	0.0	60.4	626	94.4	1.4	0.0	50.0
Ecuador, Quito	369	95.9	0.8	0.0	45.3	325	97.2	0.6	0.0	51.1
France, La Martinique	198	99.5		0.0	34.7	186	99.5		0.0	32.9
Peru, Trujillo	131	100.0	0.0	0.0		110	100.0	0.0	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	16750	88.9	0.6	8.3	45.7	14256	87.1	0.9	9.3	45.4
Canada, Alberta	1793	96.9	0.1	0.0	42.4	1461	96.5	0.1	0.2	42.5
Canada, British Columbia	2908	95.4	0.9	0.2	46.5	2281	93.7	0.9	0.1	45.7
Canada, Manitoba	905	94.7	1.0	0.1	52.0	788	93.9	0.6	0.0	51.0
Canada, New Brunswick	570	99.1	0.0	0.0	49.3	509	95.5	0.0	0.0	47.2
Canada, Newfoundland and Labrador	272	99.3		0.0	48.9	200	99.5		0.0	61.0
Canada, Northwest Territories	11	100.0	0.0	0.0	27.3	3	100.0	0.0	0.0	66.7
Canada, Nova Scotia	738	93.2	1.4	0.9	48.1	589	91.0	1.2	2.0	48.7
Canada, Ontario	8714	82.5	0.6	15.8	44.8	7700	80.9	1.1	17.0	44.0
Canada, Prince Edward Island	91	97.8	0.0	0.0	50.5	74	97.3	0.0	0.0	43.2
Canada, Saskatchewan	748	94.7	0.9	0.1	47.9	651	92.6	0.9	0.0	51.3
USA, Alabama	2787	94.3	0.7	2.7	52.5	2524	93.3	0.8	3.0	55.1
USA, Alabama: Black	504	91.5	1.0	2.4	56.9	488	90.2	0.6	2.7	55.9
USA, Alabama: White	2250	94.8	0.7	2.8	52.2	2004	94.1	0.8	3.0	55.6
USA, Alaska	356	95.5	0.3	2.0	36.5	250	96.8	0.8	1.2	35.6
USA, Arizona	3140	93.4	1.6	2.4	51.5	2582	93.1	1.4	2.6	51.8
USA, California	22060	96.3	0.7	1.0	42.0	18244	95.4	0.9	1.3	43.2
USA, California: Asian and Pacific Islander	1604	97.9	0.5	0.6	38.0	1394	97.2	0.5	0.6	37.7
USA, California: Black	1405	95.2	0.6	0.9	41.4	1176	93.9	1.0	1.6	49.3
USA, California: Hispanic White	3581	96.7	0.5	0.9	35.0	2979	96.2	0.4	1.1	34.6
USA, California: Non-Hispanic White	15022	96.1	0.7	1.1	45.2	12339	95.1	1.0	1.3	46.3
USA, California, Greater San Francisco Bay Area	4808	96.8	0.8	0.7	38.0	3879	96.1	1.1	0.8	41.5
USA, California, Greater San Francisco Bay Area: Black	338	94.1	0.3	0.9	41.4	272	94.9	1.1	0.7	55.5
USA, California, Greater San Francisco Bay Area: Chinese	197	99.0	0.0	0.5		181	96.1	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Filipino	156	96.2	1.3	1.3		132	97.7	0.8	0.0	
USA, California, Greater San Francisco Bay Area: Japanese	45	95.6	2.2	0.0		50	100.0	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Hispanic White	530	96.4	0.6	1.1	31.1	470	95.5	1.1	1.1	32.1
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	3237	96.9	1.0	0.6	40.4	2541	96.0	1.4	0.7	44.4
USA, California, Los Angeles County	5840	97.8	0.5	0.5	39.8	4813	97.0	0.4	0.7	42.0
USA, California, Los Angeles County: Black	616	96.6	1.0	0.5	40.1	564	94.3	0.9	1.6	50.9
USA, California, Los Angeles County: Chinese	115	98.3	0.0	0.0	45.2	108	97.2	0.9	0.9	48.1
USA, California, Los Angeles County: Filipino	148	98.6	0.7	0.0	45.3	137	99.3	0.0	0.0	32.8
USA, California, Los Angeles County: Japanese	95	98.9	0.0	0.0	37.9	79	98.7	1.3	0.0	39.2
USA, California, Los Angeles County: Korean	50	98.0	0.0	0.0	30.0	39	97.4	0.0	0.0	43.6
USA, California, Los Angeles County: Hispanic White	1386	97.3	0.4	0.6	34.6	1129	97.2	0.2	0.8	35.2
USA, California, Los Angeles County: Non-Hispanic White	3216	97.9	0.5	0.6	43.5	2603	97.3	0.3	0.6	44.6
USA, Colorado	2706	91.7	1.6	2.1	40.5	2350	91.5	1.9	1.2	43.1
USA, Connecticut	2854	97.5	0.4	0.4	39.6	2553	97.7	0.4	0.4	46.1
USA, Connecticut: Black	163	95.7	0.6	0.0	40.5	172	97.7	0.6	0.0	45.3
USA, Connecticut: White	2648	97.6	0.3	0.4	39.9	2343	97.7	0.4	0.4	46.6
USA, District of Columbia	433	92.1	1.8	3.5	42.5	355	92.7	3.1	2.3	55.2
USA, District of Columbia: Black	295	92.9	2.0	3.1	43.7	230	91.7	2.2	3.0	60.0
USA, District of Columbia: White	122	92.6	1.6	2.5	43.4	109	94.5	4.6	0.9	49.5
USA, Florida	13880	96.7	2.5	0.1	46.3	11912	96.5	2.7	0.1	45.1
USA, Florida: Black	1245	95.9	2.6	0.1	40.2	1102	95.6	2.4	0.2	45.2
USA, Florida: White	12427	96.8	2.5	0.1	47.6	10652	96.6	2.7	0.1	45.6
USA, Georgia	4573	93.5	2.6	1.2	44.5	4014	91.9	3.0	1.4	49.4
USA, Georgia: Black	1064	90.6	2.7	1.6	45.0	974	90.2	2.7	1.3	48.5
USA, Georgia: White	3440	94.5	2.6	1.0	44.8	2972	92.4	3.2	1.4	50.4
USA, Georgia, Atlanta	1636	94.7	0.8	1.7	38.1	1355	92.9	1.6	1.3	43.8
USA, Georgia, Atlanta: Black	474	90.9	0.6	2.3	36.9	412	92.2	1.0	1.0	45.4
USA, Georgia, Atlanta: White	1122	96.6	0.8	1.2	38.9	904	93.0	2.0	1.4	44.1
USA, Idaho	884	95.1	1.7	0.5	42.1	789	95.1	2.0	0.5	43.0
USA, Illinois	8960	94.8	1.8	0.8	45.3	8093	93.9	2.5	0.8	46.6
USA, Illinois: Black	1004	92.6	2.3	1.2	46.2	1008	90.5	5.0	1.2	49.0
USA, Illinois: White	7676	95.1	1.8	0.8	46.1	6857	94.2	2.2	0.8	47.4
USA, Indiana	4175	95.3	1.5	0.8	51.4	3791	94.7	1.8	1.1	52.3
USA, Iowa	2351	96.4	0.9	0.9	46.7	2218	95.0	1.4	0.8	50.9
USA, Kentucky	3011	93.2	1.0	2.7	46.1	2744	91.3	1.5	2.8	46.4
USA, Louisiana	3057	95.0	0.7	0.7	47.0	2767	94.1	1.1	0.9	49.3
USA, Louisiana: Black	750	92.0	0.9	0.5	47.5	669	90.3	1.0	0.6	48.1
USA, Louisiana: White	2284	96.0	0.6	0.7	47.1	2080	95.2	1.1	1.1	49.7
USA, Louisiana, New Orleans: Black	228	93.4	1.8	0.0	52.6	193	92.2	1.0	0.5	49.2
USA, Louisiana, New Orleans: White	464	96.8	0.2	0.9	43.8	417	97.4	0.7	1.0	50.8

*Important. See note on population page.

Indices of data quality
Lymphoma (C81-90,C96) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	1095	93.3	2.0	2.6	45.8	961	91.8	2.7	2.4	46.9
USA, Massachusetts	4785	94.9	1.8	1.3	43.9	4481	93.5	1.7	2.3	49.2
USA, Michigan	7293	95.6	0.7	1.8	48.5	6714	95.1	0.8	1.9	48.1
USA, Michigan: Black	828	93.8	0.2	2.1	46.1	811	94.0	0.5	2.1	47.1
USA, Michigan: White	6325	95.8	0.7	1.8	49.5	5759	95.2	0.9	1.8	49.0
USA, Michigan, Detroit	3139	96.7	0.9	0.7	44.7	2931	95.8	1.3	0.5	43.9
USA, Michigan, Detroit: Black	617	95.0	1.0	0.8	45.7	611	95.3	1.3	0.5	46.0
USA, Michigan, Detroit: White	2477	97.1	0.8	0.7	44.7	2280	96.0	1.4	0.5	43.5
USA, Missouri	4055	93.9	2.4	2.2	48.3	3675	93.7	2.1	2.4	53.4
USA, Missouri: Black	324	91.0	4.3	2.5	46.0	315	94.0	0.6	2.9	59.7
USA, Missouri: White	3698	94.1	2.2	2.2	48.7	3327	93.6	2.3	2.3	53.0
USA, Montana	703	92.7	3.7	1.1	45.5	604	89.6	5.6	1.8	45.9
USA, NPCR	160162	94.7	1.5	1.6	45.1	142023	93.8	1.8	1.8	47.0
USA, NPCR: Black	14759	92.3	1.9	1.8	44.3	13507	91.3	2.0	2.4	48.6
USA, NPCR: White	139389	94.9	1.5	1.6	46.2	123332	94.0	1.9	1.8	47.9
USA, New Jersey	7142	95.4	0.8	1.6	41.2	6642	94.9	1.3	1.5	43.4
USA, New Jersey: Black	823	92.6	1.2	2.4	39.5	758	92.3	1.2	2.2	40.0
USA, New Jersey: White	6040	95.8	0.8	1.5	42.5	5691	95.3	1.3	1.4	44.6
USA, New Mexico	1083	93.0	2.3	1.5	44.7	913	90.8	3.0	1.5	47.6
USA, New Mexico: American Indian	50	94.0	0.0	2.0	56.0	51	88.2	3.9	2.0	43.1
USA, New Mexico: Hispanic White	301	95.0	1.3	1.0	43.9	242	90.9	2.9	1.2	52.9
USA, New Mexico: Non-Hispanic White	712	91.9	2.9	1.7	44.4	606	91.3	2.8	1.5	45.5
USA, New York State	14946	91.5	1.4	3.2	38.7	13877	90.4	1.5	3.8	40.7
USA, New York State: Black	1852	90.6	1.8	2.8	36.3	1796	89.1	1.3	4.0	40.9
USA, New York State: White	12665	91.6	1.4	3.3	39.6	11735	90.5	1.5	3.8	41.1
USA, Ohio	8386	95.5	2.3	1.1	49.6	7617	94.6	2.9	1.2	51.9
USA, Ohio: Black	729	94.2	4.0	0.5	53.4	666	93.5	3.6	1.4	54.7
USA, Ohio: White	7433	95.6	2.2	1.1	50.5	6743	94.6	3.0	1.1	53.0
USA, Oklahoma	2366	94.6	0.6	2.1	48.3	2038	93.8	0.9	2.4	53.4
USA, Oregon	2646	95.3	1.6	0.5	47.9	2242	95.0	2.0	0.5	51.1
USA, Pennsylvania	10705	95.0	0.6	1.4	45.6	9878	93.9	1.0	1.5	49.0
USA, Pennsylvania: Black	803	91.9	0.7	1.7	43.5	723	91.3	1.5	1.7	46.1
USA, Pennsylvania: White	9612	95.3	0.6	1.3	46.9	8918	94.1	1.0	1.5	50.2
USA, Rhode Island	813	95.9	2.5	0.2	46.6	821	95.7	2.1	0.4	47.0
USA, SEER (9 Registries)	19633	96.4	0.7	0.8	42.2	16665	95.5	1.1	0.7	45.2
USA, SEER (9 Registries): Black	1710	94.2	0.7	1.1	42.0	1556	94.5	1.1	0.7	47.1
USA, SEER (9 Registries): White	16536	96.6	0.7	0.8	42.8	13928	95.5	1.1	0.8	45.7
USA, SEER (14 Registries)	51735	95.9	0.7	1.1	42.9	44600	95.0	1.1	1.2	44.8
USA, SEER (14 Registries): Asian and Pacific Islander	2532	97.7	0.7	0.6	39.0	2148	97.0	0.6	0.6	39.2
USA, SEER (14 Registries): Black	4619	93.6	0.9	1.2	42.5	4065	93.1	1.1	1.3	46.3
USA, SEER (14 Registries): Hispanic White	4884	96.4	0.6	0.9	33.4	3946	95.9	0.6	1.1	34.1
USA, SEER (14 Registries): Non-Hispanic White	38930	96.1	0.8	1.1	45.1	33784	95.0	1.2	1.2	46.8
USA, South Carolina	2539	91.3	1.8	4.2	47.8	2382	90.8	1.8	4.2	51.7
USA, South Carolina: Black	545	88.4	1.1	5.7	51.0	577	87.7	1.7	4.7	54.1
USA, South Carolina: White	1949	92.6	1.6	3.6	47.9	1770	92.1	1.5	3.9	51.7
USA, Texas	12167	91.5	2.4	4.1	44.9	10711	89.3	3.4	5.1	47.8
USA, Texas: Black	1215	87.7	4.1	4.0	48.0	1154	86.7	3.5	6.8	51.3
USA, Texas: White	10651	92.0	2.3	3.9	45.3	9287	89.7	3.4	4.8	48.2
USA, Utah	1279	97.4	0.1	0.4	44.8	953	94.9	0.4	0.2	43.8
USA, Vermont	446	94.8	1.8	0.9	44.4	423	93.9	1.9	1.2	50.4
USA, Washington State	4702	95.3	0.8	1.3	43.7	3794	95.0	0.8	1.6	44.9
USA, Washington, Seattle	3242	96.5	0.5	0.8	42.5	2592	96.1	0.6	1.0	43.8
USA, West Virginia	1406	95.7	1.4	0.8	48.2	1360	94.8	1.5	1.0	49.3
USA, Wisconsin	4047	96.8	3.2	0.0	47.8	3539	96.4	3.5	0.1	47.7
Asia										
Bahrain: Bahraini	77	94.8	1.3	0.0	58.4	58	94.8	3.4	1.7	55.2
China, Guangzhou City	488	96.9	0.0	0.0	39.5	320	96.9	0.0	0.0	40.6*
China, Hong Kong	2252	94.8	1.0	0.0	50.5	1681	93.6	1.7	0.0	49.6
China, Jiashan	48	100.0	0.0	0.0		23	100.0	0.0	0.0	*
China, Nangang District, Harbin City	93	81.7	2.2	0.0	84.9	66	86.4	4.5	0.0	69.7
China, Shanghai	1581	88.7	0.6	0.0	48.6	1097	89.6	0.4	0.0	48.5*
China, Zhongshan	172	98.8	0.0	0.0		108	98.1	0.0	0.0	*
Cyprus	303	97.7		1.7	10.7	263	98.5		0.4	18.1*
India, Chennai (Madras)	631	98.7	1.1	0.0	34.2	332	98.2	1.5	0.0	35.5
India, New Delhi	2160	100.0	0.0	0.0		1104	100.0	0.0	0.0	*
India, Karunagappally	44	97.7	0.0	0.0	2.3	36	91.7	0.0	0.0	2.8
India, Mumbai (Bombay)	1613	100.0	0.0	0.0	35.1	889	100.0	0.0	0.0	37.3
India, Nagpur	255	100.0	0.0	0.0		115	100.0	0.0	0.0	*
India, Poona	374	98.4	1.3	0.0		235	99.1	0.9	0.0	*
India, Trivandrum	160	100.0	0.0	0.0		122	99.2	0.8	0.0	*
Israel	4071	93.0	2.1	3.3	38.0	3861	92.7	2.1	3.2	39.1
Israel: Jews	3635	94.0	1.8	2.8		3485	93.7	1.9	2.7	
Israel: Non-Jews	320	94.7	0.6	3.4		284	95.1	0.7	2.1	
Japan, Aichi Prefecture	245	100.0	0.0	0.0	73.1	195	100.0	0.0	0.0	82.1
Japan, Fukui Prefecture	360	86.4	5.6	1.7	69.7	299	83.9	8.0	1.3	65.9
Japan, Hiroshima	411	84.9	1.9	0.0	55.5	384	84.4	3.6	0.0	48.2
Japan, Miyagi Prefecture	960	79.1	11.0	0.0	60.9	826	80.1	11.1	0.0	51.8
Japan, Nagasaki Prefecture	650	83.5	7.4	2.0	67.7	569	83.0	10.0	2.3	59.2
Japan, Osaka Prefecture	2787	100.0	0.0	0.0	71.9	2195	100.0	0.0	0.0	69.2
Japan, Yamagata Prefecture	482	79.9	12.9	1.5	78.4	436	72.7	17.4	1.4	72.7

*Important. See note on population page.

Indices of data quality
Lymphoma (C81-90,C96) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	6609	94.8	3.8	0.0	50.6	4634	94.3	4.2	0.0	47.9
Korea, Busan	545	93.6	3.5	0.0	54.5	424	94.3	3.3	0.0	46.5
Korea, Daegu	411	97.8	1.2	0.0	41.8	297	96.3	3.4	0.0	42.4
Korea, Daejeon	224	96.0	2.7	0.0	49.1	179	95.0	2.8	0.0	46.4
Korea, Gwangju	240	98.8	0.0	0.0	42.1	163	98.2	1.2	0.0	42.3
Korea, Incheon	425	95.8	2.1	0.0	52.2	262	95.0	3.8	0.0	48.5
Korea, Jejudo	50	98.0	0.0	0.0	57.0	46	93.5	0.0	0.0	55.4
Korea, Seoul	1972	95.6	3.5	0.0	41.8	1421	94.9	4.2	0.0	35.9
Korea, Ulsan	101	96.0	3.0	0.0	55.4	64	96.9	1.6	0.0	28.1
Kuwait: Kuwaitis	200	98.5	0.0	1.0		139	100.0	0.0	0.0	
Kuwait: Non-Kuwaitis	266	98.5	0.4	0.0		94	96.8	0.0	1.1	
Malaysia, Penang	168	97.0	1.2	0.0	26.8	133	94.0	0.8	0.0	33.8
Malaysia, Sarawak	331	98.5	0.9	0.0	18.1	210	97.1	0.5	0.0	40.5
Oman: Omani	274	98.5	0.0	0.0		154	98.1	0.6	0.0	*
Pakistan, South Karachi	372	97.6	0.3	0.0		177	97.7	0.0	0.0	*
Philippines, Manila	658	80.2	4.6	0.0		604	77.5	3.3	0.0	*
Singapore	864	100.0	0.0	0.0	48.8	608	100.0	0.0	0.0	43.3
Singapore: Chinese	670	100.0	0.0	0.0		478	100.0	0.0	0.0	
Singapore: Indian	40	100.0	0.0	0.0		35	100.0	0.0	0.0	
Singapore: Malay	154	100.0	0.0	0.0		95	100.0	0.0	0.0	
Thailand, Chiang Mai	344	100.0	0.0	0.0	1.2	229	100.0	0.0	0.0	0.4*
Thailand, Lampang	148	100.0	0.0	0.0	103.4	119	100.0	0.0	0.0	108.4*
Thailand, Songkhla	197	98.5	0.0	0.0	70.6	168	97.6	0.0	0.0	64.9
Turkey, Antalya	270	87.4	0.7	0.4	22.6	201	86.6	0.5	3.5	20.9*
Turkey, Izmir	681	91.5	0.0	1.8	88.8	530	91.3	0.0	1.1	66.6*
Europe										
Austria	3719	92.6	6.6	0.0	54.7	3728	90.3	8.7	0.0	58.5
Austria, Tyrol	347	97.7	1.4	0.0	39.5	285	97.9	1.4	0.0	46.0
Austria, Vorarlberg	163	96.3	3.7	0.0	45.4	163	91.4	8.0	0.0	46.0
Belarus	2188	96.2		0.0	55.1	2366	97.4		0.0	45.6*
Belgium, Antwerp	897	100.0		0.0		757	99.6		0.0	*
Belgium, Flanders	3139	98.0		1.7	44.2	2776	97.7		1.8	43.6
Bulgaria	2036	100.0	0.0	0.0	44.4	1613	100.0	0.0	0.0	41.4*
Croatia	1851	97.0	2.5	0.4	50.2	1786	97.1	2.7	0.2	47.7
Czech Republic	4564	90.7	3.5	0.4	54.6	4374	89.1	5.2	0.5	56.3
Denmark	3201	96.3	0.3	3.4	53.6	2780	96.2	0.4	3.4	54.3
Estonia	484	96.9	0.0	0.0	58.3	574	97.2	0.0	0.0	53.1
Finland	3327	95.0	1.5	0.5	50.8	3376	92.5	2.1	0.8	56.7
France, Bas-Rhin	573	97.2		0.5		535	96.6		0.9	
France, Calvados	380	97.4		0.0		310	97.7		0.0	
France, Doubs	328	100.0		0.0		271	100.0		0.0	
France, Haut-Rhin	453	98.2		0.7		410	97.1		2.0	
France, Herault	577	99.7		0.0		541	99.8		0.0	
France, Isere	656	97.0		2.4		572	97.7		1.7	
France, Loire-Atlantique	821	97.7		0.0		706	97.2		0.1	
France, Manche	354	98.9		0.0		271	98.2		0.0	
France, Somme	308	95.8	0.3	1.0		265	95.8	0.0	1.5	
France, Tarn	225	98.7		0.0		192	97.4		0.5	
France, Vendee	431	98.6		1.2		334	97.9		1.2	
Germany, Brandenburg	1447	78.9	18.6	2.4	90.7	1379	79.1	18.8	1.7	95.1
Germany, Free State of Saxony	2391	86.1	13.4	0.2	40.9	2516	81.3	18.1	0.3	42.1
Germany, Hamburg	1062	79.8	4.6	0.0	49.8	1076	77.9	5.4	0.0	55.9
Germany, Mecklenburg-Western Pomerania	971	88.1	11.5	0.4	19.7	970	87.0	12.4	0.4	17.8
Germany, Munich	1131	88.5	11.5	0.0	52.3	1026	87.9	12.1	0.0	61.3
Germany, Northrhine-Westphalia: Munster	1490	89.1	8.5	1.1	48.8	1390	87.6	9.9	1.6	54.4
Germany, Saarland	692	95.1	2.9	0.1	44.8	649	94.3	4.3	0.0	45.5
Iceland	162	100.0	0.0	0.0	43.8	113	100.0	0.0	0.0	54.9
Ireland	2143	95.2	2.0	0.7	52.3	1716	94.9	2.1	0.6	56.5
Italy, Biella Province	173	94.2	0.0	0.6	42.2	175	92.6	1.1	0.0	43.4
Italy, Brescia Province	514	95.5	1.0	0.0	38.7	511	93.3	1.0	0.0	40.1
Italy, Ferrara Province	383	97.1	0.8	0.0	44.1	326	95.7	2.1	0.0	51.5
Italy, Florence and Prato	1063	84.9	0.3	0.0	39.3	938	81.3	1.1	0.0	48.3
Italy, Genoa Province	519	88.1	0.6	0.0	45.3	510	89.6	0.2	0.0	48.2
Italy, Macerata Province	164	95.7	1.2	0.6	43.9	121	93.4	3.3	2.5	54.5
Italy, Milan	965	99.9	0.0	0.0	45.4	893	100.0	0.0	0.0	56.1
Italy, Modena Province	655	99.7	0.0	0.0	36.5	547	99.5	0.5	0.0	42.8
Italy, Naples	288	83.7	0.7	0.0	34.4	254	85.4	0.4	0.0	41.3
Italy, North East Cancer Surveillance Network	1805	98.8	0.1	0.0	43.0	1771	98.2	0.2	0.0	45.8
Italy, Parma Province	408	99.8	0.0	0.2	44.9	447	100.0	0.0	0.0	41.6
Italy, Ragusa Province	160	91.9	0.6	1.3	62.5	158	89.9	0.6	0.0	39.9
Italy, Reggio Emilia Province	433	98.4	0.0	0.0	35.8	407	99.3	0.0	0.0	41.5
Italy, Romagna Region	1081	98.3	1.4	0.0	41.5	905	98.5	1.0	0.0	43.4
Italy, Salerno Province	518	96.1	0.8	0.0	51.4	488	93.4	2.0	0.0	43.4
Italy, Sassari Province	328	97.0	0.3	0.3	40.2	288	94.4	0.3	1.0	49.0
Italy, Syracuse Province	199	86.9	2.0	3.5	49.2	150	88.0	2.7	2.7	38.7
Italy, Sondrio	131	90.8	0.0	0.0	50.6	140	92.1	0.0	0.0	53.6
Italy, Torino	872	96.7	0.6	0.1	40.1	753	95.1	0.5	0.5	48.2
Italy, Umbria Region	659	79.8	0.2	18.4	46.9	618	80.4	0.8	16.3	50.5
Italy, Varese Province	460	95.9	0.0	0.0	33.0	416	93.5	0.0	0.0	42.1
Italy, Veneto Region	1374	94.3	0.8	0.0	40.9	1309	93.0	1.0	0.0	47.1

*Important. See note on population page.

Indices of data quality
Lymphoma (C81-90,C96) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	640	94.4	5.6	0.0	66.1	688	95.1	4.8	0.0	59.4
Lithuania	1023	100.0	0.0	0.0	59.0	1178	100.0	0.0	0.0	52.8
Malta	201	96.0	0.5	0.0	52.2	161	95.0	0.6	0.0	49.1
Norway	2964	97.5	0.5	0.1	54.9	2670	96.1	0.7	0.1	54.7
Poland, Cracow	265	88.7	4.9	0.0	58.5	259	86.9	6.2	0.0	72.9*
Poland, Kielce	490	92.0	0.6	1.6	49.0	442	88.7	0.9	3.4	50.3
Poland, Warsaw City	622	92.9	0.2	0.8	61.3	624	92.0	0.2	1.1	62.0
Portugal, Porto	1239	100.0		0.0	50.1	1017	99.9		0.0	51.1*
Portugal, South Regional	1546	99.0	0.0	0.0	48.3	1441	99.0	0.0	0.0	52.4
Russia, St Petersburg	1153	98.1		0.0	59.1	1353	97.7		0.0	56.8
Serbia	1418	93.3	5.2	0.1	47.8	1200	93.6	4.8	0.1	42.2
Slovak Republic	1777	92.2	3.3	4.2	60.6	1856	92.2	3.9	3.8	53.1
Slovenia	812	100.0	0.0	0.0	53.1	892	100.0	0.0	0.0	52.9
Spain, Albacete	126	96.8	1.6	0.0	52.4	131	94.7	3.8	0.8	61.1
Spain, Asturias	742	95.4	2.0	0.5	50.5	731	94.5	2.6	1.0	50.2
Spain, Basque Country	1074	96.4	0.8	0.4	41.2	914	93.9	2.7	0.2	46.6
Spain, Canary Islands	845	93.6	2.1	0.9	50.4	750	93.7	2.0	1.2	55.3
Spain, Cuenca	117	88.0	6.8	1.7	53.0	67	86.6	10.4	0.0	61.2
Spain, Girona	391	95.1	3.3	0.8	43.5	320	96.9	2.2	0.0	41.6
Spain, Granada	386	95.1	0.0	0.3	53.4	353	94.1	0.0	0.0	56.9
Spain, Murcia	596	93.1	0.7	1.2	46.8	520	91.7	1.7	0.8	46.9
Spain, Navarra	327	96.9	0.6	0.0	40.7	294	96.3	1.7	0.0	45.9
Spain, Tarragona	334	94.6	3.9	0.0	36.8	273	94.9	4.0	0.4	43.2
Spain, Zaragoza	485	97.1	2.9	0.0	51.3	422	96.9	3.1	0.0	53.8
Sweden	5740	100.0		0.0	58.8	4926	100.0		0.0	63.1
Switzerland, Geneva	279	97.5	0.0	0.0	40.1	227	96.5	0.0	0.0	41.9
Switzerland, Graubunden and Glarus	122	96.7	0.0	0.0	50.8	129	96.1	0.8	0.0	51.2
Switzerland, Neuchatel	114	100.0	0.0	0.0	49.1	88	100.0	0.0	0.0	55.7
Switzerland, St Gall-Appenzell	296	100.0	0.0	0.0	52.0	268	100.0	0.0	0.0	46.3
Switzerland, Ticino	258	94.2	0.8	0.0	48.4	279	93.9	2.2	0.0	40.5
Switzerland, Valais	173	96.5	1.2	0.0	44.5	144	91.7	0.0	0.0	46.5
Switzerland, Vaud	395	97.7	2.3	0.0	43.3	381	96.3	3.7	0.0	47.0
The Netherlands	9507	98.2		0.0	53.4	7789	97.8		0.0	58.2
The Netherlands, Eindhoven	550	98.2		0.0		470	95.1		0.0	
The Netherlands, Maastricht	460	97.2		0.0	58.5	422	96.7		0.0	53.3
UK, East of England Region	1895	91.5	0.2	4.5	52.2	1653	88.6	0.2	4.7	51.7
UK, England, Merseyside and Cheshire	1503	81.8	4.5	1.0	48.5	1287	80.4	5.5	0.5	53.8
UK, England, North Western	2629	89.4	1.6	2.0	48.1	2264	86.7	1.9	2.4	51.8
UK, England, Northern and Yorkshire	4208	86.0	1.4	0.1	50.3	3740	83.6	1.6	0.0	51.7
UK, England, Oxford Region	1727	97.3	0.6	1.4	46.8	1411	95.8	1.3	2.0	50.8
UK, England, South and Western Regions	5660	73.7	1.2	2.7	48.3	4917	71.1	1.9	4.0	51.9
UK, England, Thames	9113	81.9	5.9	9.9	49.1	7835	79.7	6.8	10.7	51.9
UK, England, Trent	3180	90.1	5.3	1.9	49.8	2870	89.7	4.9	1.6	50.2
UK, England, West Midlands	3350	87.9	4.8	0.0	52.1	2887	87.5	4.8	0.0	54.0
UK, Northern Ireland	998	82.7	1.2	0.0	49.8	991	82.7	1.0	0.0	49.2
UK, Scotland	3266	95.9	0.4	0.7	48.4	3280	95.8	0.2	0.8	53.0
Oceania										
Australia, New South Wales	4767	91.9	0.6	0.0	42.9	3907	91.4	0.6	0.0	47.3
Australia, Northern Territory	69	100.0	0.0	0.0	13.0	35	97.1	2.9	0.0	45.7
Australia, Queensland	2404	88.6	0.8	0.2	43.4	1923	89.0	1.0	0.3	42.3
Australia, South	1336	95.5	0.0	0.3	42.9	1106	94.7	0.0	0.1	48.3
Australia, Tasmania	362	97.2	0.6	0.8	50.6	296	97.0	0.0	0.0	52.4
Australia, Victoria	3712	97.7	1.5	0.4	43.9	3151	97.7	1.6	0.2	45.1
Australia, Western	1220	94.8	3.4	0.2	40.2	922	94.7	2.8	0.2	47.3
Australian Capital Territory	190	91.1	0.5	0.0	46.8	153	90.2	1.3	0.0	58.2
French Polynesia	62	96.8	3.2	0.0	46.8	54	96.3	0.0	1.9	31.5
New Zealand	2553	98.1	1.8	0.0	48.8	2185	97.6	2.2	0.0	48.3
USA, Hawaii	767	98.0	0.7	0.4	44.6	594	96.8	0.7	0.3	44.3
USA, Hawaii: Chinese	64	95.3	3.1	0.0		39	97.4	0.0	0.0	
USA, Hawaii: Filipino	120	96.7	1.7	0.8		87	98.9	0.0	0.0	
USA, Hawaii: Hawaiian	107	100.0	0.0	0.0		80	95.0	0.0	0.0	
USA, Hawaii: Japanese	165	98.8	0.0	1.2		170	96.5	1.2	0.6	
USA, Hawaii: White	242	97.5	0.4	0.0	44.2	168	97.0	0.6	0.6	42.9

*Important. See note on population page.

Indices of data quality
Leukaemia (C91-95)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	85	100.0		0.0		75	100.0		0.0	*
Egypt, Gharbiah	375	88.3	11.5	0.3	41.3	300	89.3	10.7	0.0	47.3
Tunisia, Centre, Sousse	53	100.0		0.0		39	100.0		0.0	*
Uganda, Kyadondo County	33	100.0		0.0		29	100.0		0.0	*
Zimbabwe, Harare: African	84	85.7	13.1	0.0		51	86.3	13.7	0.0	*
America, Central and South										
Argentina, Bahia Blanca	104	64.4	18.3	6.7	71.2	79	68.4	13.9	5.1	68.4
Brazil, Brasilia	174	86.8	11.5	1.7	62.6	114	82.5	14.0	2.6	73.7
Brazil, Cuiaba	65	58.5	16.9	9.2	46.2	49	51.0	30.6	6.1	49.0
Brazil, Goiania	117	76.1	23.1	0.0	16.2	117	75.2	23.9	0.0	12.8
Brazil, Sao Paulo	2029	99.1	0.0	0.0	51.0	1739	99.4	0.0	0.0	52.9
Chile, Valdivia	58	100.0	0.0	0.0	79.3	42	100.0	0.0	0.0	76.2
Colombia, Cali	304	91.1	0.3	0.0	71.7	290	90.0	1.7	0.0	69.7
Costa Rica	551	79.1	3.3	0.0	77.1	434	73.5	6.0	0.0	78.6
Ecuador, Quito	253	100.0	0.0	0.0	66.8	226	100.0	0.0	0.0	71.2
France, La Martinique	68	100.0		0.0	77.2	63	100.0		0.0	73.4
Peru, Trujillo	69	100.0	0.0	0.0		72	100.0	0.0	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	8363	72.0	2.1	17.1	55.0	5993	66.8	3.2	20.4	54.8
Canada, Alberta	1101	99.5	0.4	0.0	46.7	757	99.3	0.3	0.1	46.4
Canada, British Columbia	1315	73.1	3.6	0.8	58.3	920	69.8	3.7	0.2	58.8
Canada, Manitoba	444	94.8	2.0	0.0	54.5	355	88.5	5.1	0.0	53.2
Canada, New Brunswick	248	93.1	0.0	0.0	56.9	155	94.8	0.0	0.0	58.7
Canada, Newfoundland and Labrador	95	98.9		1.1	88.4	56	100.0		0.0	89.3
Canada, Northwest Territories	1	100.0	0.0	0.0	300.0	2	100.0	0.0	0.0	50.0
Canada, Nova Scotia	307	82.7	5.9	2.6	65.1	249	81.5	5.6	4.0	55.8
Canada, Ontario	4318	59.4	2.0	32.8	55.1	3150	52.1	3.5	38.4	54.8
Canada, Prince Edward Island	58	100.0	0.0	0.0	41.4	34	100.0	0.0	0.0	70.6
Canada, Saskatchewan	476	71.6	2.9	0.0	51.3	315	67.3	5.1	0.0	53.7
USA, Alabama	1138	82.2	2.3	5.4	82.5	973	80.1	2.2	6.8	83.6
USA, Alabama: Black	177	84.7	1.7	5.6	102.3	183	85.8	2.7	4.4	86.9
USA, Alabama: White	940	81.7	2.4	5.3	80.5	773	78.7	2.1	7.2	84.0
USA, Alaska	146	92.5	2.1	3.4	45.9	113	90.3	1.8	6.2	42.5
USA, Arizona	1469	80.6	2.2	5.2	69.6	1059	77.1	3.4	7.3	72.6
USA, California	10422	93.8	1.7	1.8	57.5	7617	92.0	2.9	2.3	59.9
USA, California: Asian and Pacific Islander	722	95.8	1.5	1.0	56.5	562	96.4	1.1	0.5	54.4
USA, California: Black	528	96.0	0.8	0.8	61.9	405	93.3	2.7	1.5	65.9
USA, California: Hispanic White	1926	97.3	0.6	0.7	45.4	1510	96.7	1.0	0.9	44.3
USA, California: Non-Hispanic White	7022	92.3	2.1	2.3	62.0	4990	89.9	3.8	3.0	66.3
USA, California, Greater San Francisco Bay Area	1912	95.2	2.6	0.6	58.8	1438	91.8	4.7	0.8	60.5
USA, California, Greater San Francisco Bay Area: Black	105	98.1	1.0	0.0	70.5	89	96.6	2.2	0.0	66.3
USA, California, Greater San Francisco Bay Area: Chinese	98	95.9	4.1	0.0		64	96.9	3.1	0.0	
USA, California, Greater San Francisco Bay Area: Filipino	60	91.7	6.7	0.0		36	97.2	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Japanese	16	93.8	0.0	0.0		13	84.6	0.0	0.0	
USA, California, Greater San Francisco Bay Area: Hispanic White	244	98.0	1.2	0.0	45.1	198	94.4	3.0	0.0	46.0
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	1262	94.3	3.0	0.8	62.3	965	89.8	5.9	1.0	64.5
USA, California, Los Angeles County	2755	97.0	0.9	0.7	55.1	2049	95.5	2.0	0.9	59.6
USA, California, Los Angeles County: Black	219	98.6	0.9	0.0	63.0	187	93.6	2.7	1.1	73.8
USA, California, Los Angeles County: Chinese	58	96.6	0.0	0.0	65.5	48	91.7	6.3	2.1	62.5
USA, California, Los Angeles County: Filipino	53	94.3	0.0	3.8	45.3	46	95.7	0.0	2.2	54.3
USA, California, Los Angeles County: Japanese	34	94.1	2.9	0.0	61.8	25	100.0	0.0	0.0	68.0
USA, California, Los Angeles County: Korean	21	100.0	0.0	0.0	76.2	22	100.0	0.0	0.0	68.2
USA, California, Los Angeles County: Hispanic White	721	98.3	0.7	0.3	47.6	610	98.2	0.2	0.5	47.9
USA, California, Los Angeles County: Non-Hispanic White	1541	96.1	1.0	1.0	58.8	1025	94.0	3.0	1.2	66.9
USA, Colorado	1373	79.2	3.8	4.2	54.6	987	76.7	3.2	4.3	58.5
USA, Connecticut	1253	88.7	3.3	0.6	57.5	979	86.0	4.2	1.0	62.0
USA, Connecticut: Black	52	96.2	0.0	1.9	65.4	53	96.2	1.9	1.9	56.6
USA, Connecticut: White	1163	88.2	3.4	0.6	58.5	914	85.2	4.4	1.0	62.7
USA, District of Columbia	119	83.2	10.1	4.2	78.2	94	75.5	13.8	2.1	85.1
USA, District of Columbia: Black	69	81.2	8.7	5.8	71.0	61	78.7	9.8	1.6	85.2
USA, District of Columbia: White	39	82.1	15.4	2.6	110.3	27	66.7	22.2	3.7	96.3
USA, Florida	6990	94.4	5.5	0.0	62.2	5232	94.2	5.8	0.0	60.5
USA, Florida: Black	424	95.0	5.0	0.0	65.6	447	95.7	4.3	0.0	56.4
USA, Florida: White	6479	94.5	5.5	0.0	62.6	4707	94.1	5.9	0.0	61.5
USA, Georgia	1960	86.8	4.9	1.4	67.6	1533	82.5	6.7	2.3	70.2
USA, Georgia: Black	371	87.3	4.0	1.3	70.1	320	81.6	5.9	1.9	70.6
USA, Georgia: White	1556	86.5	5.2	1.4	68.1	1192	82.6	7.0	2.4	70.6
USA, Georgia, Atlanta	667	91.9	2.5	1.2	57.6	479	86.2	5.2	1.9	67.6
USA, Georgia, Atlanta: Black	157	91.7	1.9	0.6	61.8	109	85.3	4.6	0.9	80.7
USA, Georgia, Atlanta: White	491	91.9	2.9	1.4	57.8	358	86.0	5.6	2.2	64.2
USA, Idaho	467	90.1	5.1	0.2	57.0	333	84.7	7.2	0.9	60.7
USA, Illinois	4269	83.4	5.4	1.8	60.9	3443	78.8	7.3	2.1	66.5
USA, Illinois: Black	399	86.7	6.8	1.3	59.1	356	80.9	7.6	2.2	71.1
USA, Illinois: White	3720	82.7	5.4	1.8	62.3	2989	78.3	7.4	2.1	67.5
USA, Indiana	1933	88.3	3.4	1.5	67.7	1570	86.3	4.7	1.3	72.9
USA, Iowa	1420	90.0	2.7	2.5	56.8	1001	88.4	2.6	2.1	61.5
USA, Kentucky	1435	79.8	3.7	7.0	60.5	1103	79.2	2.8	8.0	58.6
USA, Louisiana	1465	88.3	2.1	1.3	62.8	1140	86.8	2.7	0.6	64.9
USA, Louisiana: Black	301	87.7	2.0	1.7	70.4	281	85.8	4.6	1.1	66.5
USA, Louisiana: White	1154	88.4	2.2	1.2	61.0	844	87.1	2.1	0.5	64.9
USA, Louisiana, New Orleans: Black	84	90.5	4.8	0.0	88.1	79	88.6	5.1	0.0	74.7
USA, Louisiana, New Orleans: White	211	94.3	3.8	0.5	65.9	171	91.8	4.1	0.6	67.8

*Important. See note on population page.

Indices of data quality
Leukaemia (C91-95) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	553	79.0	2.9	5.4	52.3	378	78.6	4.0	6.1	57.1
USA, Massachusetts	1978	82.8	3.8	4.2	64.8	1746	78.0	6.1	4.4	65.1
USA, Michigan	3415	89.0	1.4	2.6	62.5	2760	86.2	1.7	4.2	64.5
USA, Michigan: Black	292	88.0	0.7	4.1	66.1	296	88.2	2.0	3.4	67.6
USA, Michigan: White	3044	89.0	1.5	2.6	63.1	2389	85.7	1.7	4.4	65.5
USA, Michigan, Detroit	1477	95.0	1.3	0.9	58.2	1329	90.6	2.6	1.1	57.6
USA, Michigan, Detroit: Black	217	92.2	0.9	1.4	66.4	226	92.9	0.9	0.4	65.5
USA, Michigan, Detroit: White	1226	95.4	1.4	0.9	57.6	1075	90.0	3.0	1.2	56.4
USA, Missouri	1903	83.4	7.7	4.6	70.2	1440	81.9	6.3	6.2	75.7
USA, Missouri: Black	150	89.3	4.7	3.3	77.3	123	88.6	3.3	3.3	67.5
USA, Missouri: White	1738	82.9	8.1	4.8	70.0	1300	81.0	6.7	6.5	77.3
USA, Montana	363	75.5	10.5	3.0	63.9	251	77.7	11.6	1.6	67.3
USA, NPCR	74692	87.1	3.5	3.0	61.7	57712	84.4	4.5	3.7	64.7
USA, NPCR: Black	5241	87.8	3.5	2.5	67.5	4675	85.6	3.9	3.2	68.1
USA, NPCR: White	66537	86.8	3.6	3.1	62.6	50808	84.0	4.6	3.8	65.9
USA, New Jersey	3090	89.6	1.8	2.3	58.7	2407	85.5	3.0	3.2	63.6
USA, New Jersey: Black	250	90.4	2.0	1.2	66.0	218	86.2	1.4	3.2	58.7
USA, New Jersey: White	2689	89.4	1.8	2.5	59.9	2092	85.3	3.3	3.2	66.1
USA, New Mexico	643	89.1	4.2	2.0	50.7	428	83.4	6.3	2.8	52.6
USA, New Mexico: American Indian	26	100.0	0.0	0.0	42.3	19	94.7	0.0	0.0	31.6
USA, New Mexico: Hispanic White	157	87.3	5.7	1.9	52.9	116	89.7	4.3	0.9	50.9
USA, New Mexico: Non-Hispanic White	441	88.7	4.1	2.3	50.1	288	80.2	7.6	3.8	54.2
USA, New York State	6804	78.2	2.9	7.5	54.3	5553	74.4	3.5	9.4	57.3
USA, New York State: Black	526	85.4	2.5	4.2	56.1	543	83.6	1.1	5.9	61.1
USA, New York State: White	6069	77.2	3.0	7.9	54.5	4847	73.0	3.9	9.9	57.4
USA, Ohio	3491	93.0	3.0	0.7	72.0	2775	90.7	4.5	0.5	76.7
USA, Ohio: Black	259	91.5	4.2	0.8	81.1	216	92.1	4.6	0.0	81.0
USA, Ohio: White	3137	92.9	3.0	0.7	73.3	2490	90.4	4.6	0.5	78.4
USA, Oklahoma	1130	90.0	0.0	1.1	70.6	856	88.6	0.0	2.0	72.4
USA, Oregon	1144	89.0	3.1	0.8	64.8	888	86.0	3.0	1.1	65.2
USA, Pennsylvania	4892	79.1	2.1	4.0	61.9	3850	76.1	2.4	4.5	66.1
USA, Pennsylvania: Black	249	79.1	3.2	3.2	71.9	249	78.3	2.0	2.8	61.8
USA, Pennsylvania: White	4511	78.9	2.1	4.1	62.8	3489	75.7	2.5	4.5	68.0
USA, Rhode Island	411	93.4	3.6	1.0	56.4	308	89.9	6.5	1.3	58.1
USA, SEER (9 Registries)	9246	93.6	2.2	1.0	56.7	6957	90.8	3.2	1.1	60.3
USA, SEER (9 Registries): Black	597	94.0	1.2	0.8	65.0	509	92.3	2.0	0.8	67.8
USA, SEER (9 Registries): White	7939	93.3	2.3	1.0	56.9	5983	90.2	3.5	1.2	60.3
USA, SEER (14 Registries)	24462	91.9	2.0	1.9	57.9	18307	89.6	2.9	2.3	60.9
USA, SEER (14 Registries): Asian and Pacific Islander	1175	96.0	1.6	0.7	55.1	891	95.7	1.0	0.9	54.7
USA, SEER (14 Registries): Black	1669	92.0	1.4	1.4	65.2	1393	89.2	2.7	2.1	65.5
USA, SEER (14 Registries): Hispanic White	2517	95.9	1.0	1.1	45.0	1963	95.5	1.2	1.0	44.1
USA, SEER (14 Registries): Non-Hispanic White	18641	91.0	2.2	2.1	60.2	13749	88.3	3.4	2.6	64.3
USA, South Carolina	1168	80.3	3.4	6.0	66.2	921	79.3	4.7	8.3	72.4
USA, South Carolina: Black	233	78.5	3.9	5.6	72.1	208	77.9	1.9	8.2	77.4
USA, South Carolina: White	913	81.4	2.8	5.9	66.2	688	80.8	4.5	8.0	72.8
USA, Texas	6207	81.4	5.7	7.1	58.7	4597	78.2	7.4	8.0	62.2
USA, Texas: Black	510	81.4	5.9	5.3	63.1	410	77.6	8.5	7.1	72.4
USA, Texas: White	5502	81.5	5.8	7.2	59.6	4059	78.2	7.4	8.1	62.2
USA, Utah	612	97.9	0.8	0.2	57.0	437	98.9	0.0	0.2	60.2
USA, Vermont	224	83.0	3.6	1.8	61.6	162	79.0	5.6	1.9	64.8
USA, Washington State	2223	94.2	2.2	1.4	54.4	1605	92.4	3.1	1.9	59.0
USA, Washington, Seattle	1543	98.0	1.4	0.1	53.1	1080	97.4	1.9	0.0	59.2
USA, West Virginia	683	89.6	3.4	0.6	66.2	563	85.8	3.9	1.6	70.2
USA, Wisconsin	2154	95.1	4.9	0.0	57.4	1711	91.8	8.2	0.0	63.9
Asia										
Bahrain: Bahraini	62	93.5	6.5	0.0	74.2	37	91.9	8.1	0.0	64.9
China, Guangzhou City	353	92.6	0.0	0.0	74.5	242	93.4	0.0	0.0	71.5*
China, Hong Kong	1032	89.1	1.9	0.0	65.2	828	84.8	3.5	0.0	67.6
China, Jiashan	52	100.0	0.0	0.0		41	100.0	0.0	0.0	*
China, Nangang District, Harbin City	100	77.0	11.0	2.0	103.0	63	81.0	0.0	0.0	54.0
China, Shanghai	939	94.2	0.1	0.0	67.5	748	92.2	0.4	0.0	65.0*
China, Zhongshan	163	100.0	0.0	0.0		113	99.1	0.9	0.0	*
Cyprus	167	98.2		1.8	46.4	116	99.1		0.9	58.2*
India, Chennai (Madras)	432	96.3	3.0	0.0	47.9	256	96.5	3.1	0.0	54.3
India, New Delhi	1715	100.0	0.0	0.0		942	100.0	0.0	0.0	*
India, Karunagappally	30	96.7	0.0	0.0	16.7	30	100.0	0.0	0.0	30.0
India, Mumbai (Bombay)	1169	100.0	0.0	0.0	49.9	738	100.0	0.0	0.0	46.9
India, Nagpur	265	99.2	0.4	0.0		139	99.3	0.7	0.0	*
India, Poona	245	100.0	0.0	0.0		175	99.4	0.0	0.0	*
India, Trivandrum	119	95.8	4.2	0.0		78	98.7	1.3	0.0	*
Israel	1800	85.2	6.2	5.6	64.0	1393	80.8	10.1	5.9	68.6
Israel: Jews	1531	85.6	5.2	6.0		1182	82.5	7.8	6.1	
Israel: Non-Jews	160	90.6	5.0	1.3		102	84.3	10.8	3.9	
Japan, Aichi Prefecture	129	100.0	0.0	0.0	80.6	89	100.0	0.0	0.0	80.9
Japan, Fukui Prefecture	157	91.1	6.4	0.6	82.2	96	86.5	8.3	1.0	86.5
Japan, Hiroshima	211	60.7	3.3	0.0	67.8	156	55.1	4.5	0.0	80.1
Japan, Miyagi Prefecture	433	79.2	19.6	0.0	82.2	341	76.5	23.2	0.0	69.8
Japan, Nagasaki Prefecture	546	95.8	2.7	1.1	90.7	438	91.1	4.8	1.8	91.1
Japan, Osaka Prefecture	1712	100.0	0.0	0.0	81.5	1158	100.0	0.0	0.0	78.7
Japan, Yamagata Prefecture	200	98.5	1.0	0.5	92.5	159	99.4	0.6	0.0	81.8

*Important. See note on population page.

Indices of data quality
Leukaemia (C91-95) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	4462	92.6	6.8	0.0	72.8	3477	93.1	6.3	0.0	69.8
Korea, Busan	409	92.4	6.6	0.0	73.1	290	94.5	4.1	0.0	70.3
Korea, Daegu	289	95.5	3.5	0.0	63.0	242	96.7	2.9	0.0	63.6
Korea, Daejeon	140	87.1	10.0	0.0	77.9	113	94.7	4.4	0.0	69.0
Korea, Gwangju	157	95.5	4.5	0.0	61.8	125	96.0	4.0	0.0	65.6
Korea, Incheon	263	93.9	5.3	0.0	76.4	218	98.6	1.4	0.0	56.9
Korea, Jejudo	36	100.0	0.0	0.0	75.0	32	93.8	0.0	0.0	51.6
Korea, Seoul	1218	92.9	6.8	0.0	63.9	973	93.6	6.2	0.0	59.4
Korea, Ulsan	75	89.3	8.0	0.0	70.7	64	96.9	3.1	0.0	53.1
Kuwait: Kuwaitis	89	94.4	1.1	1.1		71	98.6	0.0	0.0	
Kuwait: Non-Kuwaitis	149	98.0	1.3	0.0		61	95.1	1.6	1.6	
Malaysia, Penang	157	91.7	6.4	0.0	60.5	120	89.2	9.2	0.0	58.3
Malaysia, Sarawak	233	95.7	3.9	0.0	21.5	181	95.6	4.4	0.0	58.0
Oman: Omani	151	83.4	0.7	0.0		109	90.8	0.9	0.0	*
Pakistan, South Karachi	204	99.5	0.5	0.0		126	100.0	0.0	0.0	*
Philippines, Manila	670	85.1	14.0	0.0		624	82.7	17.0	0.0	*
Singapore	458	100.0	0.0	0.0	61.8	348	100.0	0.0	0.0	62.4
Singapore: Chinese	359	100.0	0.0	0.0		276	100.0	0.0	0.0	
Singapore: Indian	31	100.0	0.0	0.0		20	100.0	0.0	0.0	
Singapore: Malay	68	100.0	0.0	0.0		52	100.0	0.0	0.0	
Thailand, Chiang Mai	160	100.0	0.0	0.0		146	100.0	0.0	0.0	0.7*
Thailand, Lampang	93	100.0	0.0	0.0		85	100.0	0.0	0.0	*
Thailand, Songkhla	108	75.0	0.9	0.0	93.5	118	61.0	0.0	0.8	57.6
Turkey, Antalya	182	42.3	1.1	0.0	44.0	128	47.7	1.6	0.0	48.4*
Turkey, Izmir	413	89.8	0.0	1.5	65.9	321	87.5	0.0	0.9	62.6*
Europe										
Austria	2195	87.5	12.3	0.0	76.4	1947	84.4	15.4	0.0	78.2
Austria, Tyrol	201	99.0	1.0	0.0	53.2	177	98.3	1.7	0.0	55.4
Austria, Vorarlberg	94	86.2	13.8	0.0	55.3	68	88.2	11.8	0.0	66.2
Belarus	2275	98.6		0.0	74.1	2158	98.6		0.0	71.8*
Belgium, Antwerp	421	100.0		0.0		285	99.3		0.0	*
Belgium, Flanders	1682	99.9		0.0	56.2	1206	99.8		0.1	71.4
Bulgaria	1640	100.0	0.0	0.0	63.8	1297	100.0	0.0	0.0	67.9*
Croatia	1449	73.6	5.4	21.0	58.7	1289	72.6	5.3	22.1	58.5
Czech Republic	3150	80.3	8.9	0.8	76.3	2488	78.1	10.5	0.8	79.9
Denmark	2091	94.4	1.1	4.5	60.2	1625	93.2	1.5	5.4	66.0
Estonia	346	98.3	1.4	0.0	66.2	371	98.4	1.6	0.0	74.1
Finland	1360	92.5	4.3	1.0	61.9	1218	91.4	5.7	0.8	67.7
France, Bas-Rhin	326	84.7		3.1		260	86.2		1.5	
France, Calvados	212	100.0		0.0		178	100.0		0.0	
France, Doubs	185	100.0		0.0		136	100.0		0.0	
France, Haut-Rhin	294	95.2		2.0		231	94.8		2.2	
France, Herault	293	100.0		0.0		219	100.0		0.0	
France, Isere	410	96.3		1.7		316	93.7		2.8	
France, Loire-Atlantique	509	100.0		0.0		347	100.0		0.0	
France, Manche	190	100.0		0.0		147	99.3		0.0	
France, Somme	130	96.9	0.8	2.3		117	94.0	1.7	1.7	
France, Tarn	128	100.0		0.0		106	100.0		0.0	
France, Vendee	135	96.3		0.0		74	95.9		0.0	
Germany, Brandenburg	930	64.1	33.3	2.4	167.7	776	55.3	43.0	1.5	197.9
Germany, Free State of Saxony	1532	71.7	28.2	0.1	50.1	1456	64.4	35.4	0.1	48.6
Germany, Hamburg	524	76.0	6.7	0.0	70.8	462	68.6	10.2	0.0	79.7
Germany, Mecklenburg-Western Pomerania	675	73.8	25.9	0.1	66.5	549	67.6	32.1	0.4	81.2
Germany, Munich	688	74.0	26.0	0.0	74.3	563	69.3	30.7	0.0	82.4
Germany, Northrhine-Westphalia: Munster	841	82.5	15.2	1.5	54.8	770	77.5	20.6	1.0	63.6
Germany, Saarland	333	86.8	11.4	0.9	80.2	270	84.8	10.7	0.0	81.9
Iceland	77	98.7	1.3	0.0	58.4	62	100.0	0.0	0.0	62.9
Ireland	1207	95.2	3.4	0.1	60.0	848	91.9	4.4	1.9	64.2
Italy, Biella Province	107	99.1	0.0	0.0	51.4	72	98.6	1.4	0.0	68.1
Italy, Brescia Province	237	97.0	1.7	0.0	54.0	184	96.7	1.6	0.0	58.2
Italy, Ferrara Province	162	95.7	1.2	0.0	75.3	124	96.8	1.6	0.0	65.3
Italy, Florence and Prato	411	66.9	0.7	0.0	83.5	399	56.9	2.0	0.0	73.7
Italy, Genoa Province	248	81.5	1.6	0.0	68.5	212	75.0	3.3	0.0	53.3
Italy, Macerata Province	67	89.6	1.5	3.0	79.1	48	79.2	2.1	2.1	89.6
Italy, Milan	425	100.0	0.0	0.0	72.2	368	100.0	0.0	0.0	77.2
Italy, Modena Province	275	100.0	0.0	0.0	55.6	215	99.5	0.0	0.0	67.9
Italy, Naples	139	71.9	1.4	0.0	51.0	122	71.3	5.7	0.0	68.3
Italy, North East Cancer Surveillance Network	736	100.0	0.0	0.0	66.8	685	100.0	0.0	0.0	61.8
Italy, Parma Province	221	99.5	0.0	0.0	59.7	161	100.0	0.0	0.0	58.4
Italy, Ragusa Province	107	97.2	2.8	0.0	63.6	91	94.5	4.4	1.1	64.8
Italy, Reggio Emilia Province	203	97.5	1.0	0.0	66.5	140	98.6	0.0	0.0	64.3
Italy, Romagna Region	563	97.3	2.7	0.0	54.4	424	95.0	5.0	0.0	61.8
Italy, Salerno Province	303	93.4	3.3	0.0	58.1	243	92.2	5.3	0.0	62.6
Italy, Sassari Province	216	100.0	0.0	0.0	68.5	118	99.2	0.8	0.0	72.9
Italy, Syracuse Province	106	95.3	1.9	0.0	77.4	60	91.7	3.3	0.0	70.0
Italy, Sondrio	79	100.0	0.0	0.0	49.1	49	100.0	0.0	0.0	76.5
Italy, Torino	364	98.1	1.9	0.0	62.4	318	97.8	2.2	0.0	67.9
Italy, Umbria Region	381	70.1	1.3	27.6	80.8	263	69.6	1.9	27.8	92.0
Italy, Varese Province	187	91.4	0.0	0.0	56.1	162	91.4	1.2	0.0	51.2
Italy, Veneto Region	598	88.0	4.3	0.0	60.9	522	86.4	5.6	0.0	66.5

*Important. See note on population page.

Indices of data quality
Leukaemia (C91-95) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	629	95.1	4.9	0.0	66.9	616	93.2	6.7	0.2	71.4
Lithuania	1020	100.0	0.0	0.0	68.4	942	100.0	0.0	0.0	70.9
Malta	115	100.0	0.0	0.0	60.0	76	100.0	0.0	0.0	57.9
Norway	1440	95.6	2.6	0.0	54.3	1098	96.5	1.4	0.1	60.5
Poland, Cracow	133	77.4	19.5	0.0	88.3	153	76.5	15.7	0.0	79.2*
Poland, Kielce	300	87.7	1.0	3.7	72.9	355	81.7	1.7	5.4	55.6
Poland, Warsaw City	304	100.0	0.0	0.0	109.9	279	100.0	0.0	0.0	105.0
Portugal, Porto	417	99.5		0.0	102.6	333	99.7		0.0	120.1*
Portugal, South Regional	663	100.0	0.0	0.0	77.8	495	99.8	0.0	0.0	87.9
Russia, St Petersburg	984	100.0		0.0	65.2	1250	100.0		0.0	58.5
Serbia	982	89.9	8.5	0.4	72.2	712	87.2	11.2	0.3	81.9
Slovak Republic	1334	94.0	5.8	0.2	70.7	1047	94.1	5.5	0.3	73.3
Slovenia	509	100.0	0.0	0.0	63.7	422	100.0	0.0	0.0	70.9
Spain, Albacete	80	97.5	2.5	0.0	68.8	71	97.2	2.8	0.0	54.9
Spain, Asturias	366	91.3	5.2	1.4	73.8	277	86.3	7.6	3.2	68.0
Spain, Basque Country	483	91.9	4.3	0.0	67.7	355	93.2	3.7	0.6	69.3
Spain, Canary Islands	365	94.8	3.6	1.4	60.6	257	91.4	6.6	1.2	66.6
Spain, Cuenca	62	80.6	14.5	3.2	66.1	49	91.8	4.1	2.0	49.0
Spain, Girona	162	92.6	5.6	0.0	75.3	113	92.0	3.5	3.5	69.0
Spain, Granada	211	97.2	0.0	0.0	74.9	163	98.8	0.0	0.0	76.1
Spain, Murcia	338	87.9	2.1	2.1	58.3	274	85.4	2.9	1.1	48.9
Spain, Navarra	145	91.0	1.4	0.0	74.5	96	84.4	1.0	1.0	92.7
Spain, Tarragona	171	94.2	5.8	0.0	63.7	108	96.3	3.7	0.0	67.6
Spain, Zaragoza	229	89.5	10.5	0.0	73.4	183	89.1	10.9	0.0	80.3
Sweden	3035	99.7		0.0	61.7	2274	99.6		0.0	71.2
Switzerland, Geneva	155	99.4	0.6	0.0	49.7	130	99.2	0.8	0.0	46.9
Switzerland, Graubunden and Glarus	68	95.6	0.0	0.0	61.8	48	85.4	0.0	0.0	66.7
Switzerland, Neuchatel	44	97.7	2.3	0.0	70.5	43	100.0	0.0	0.0	100.0
Switzerland, St Gall-Appenzell	178	100.0	0.0	0.0	44.4	126	100.0	0.0	0.0	57.1
Switzerland, Ticino	98	93.9	6.1	0.0	56.1	73	90.4	8.2	0.0	67.1
Switzerland, Valais	85	98.8	1.2	0.0	54.1	65	100.0	0.0	0.0	50.8
Switzerland, Vaud	175	92.6	7.4	0.0	57.7	137	82.5	17.5	0.0	70.1
The Netherlands	4314	100.0		0.0	67.6	3163	100.0		0.0	78.2
The Netherlands, Eindhoven	246	100.0		0.0		198	99.5		0.0	
The Netherlands, Maastricht	250	100.0		0.0	71.2	141	100.0		0.0	80.9
UK, East of England Region	895	84.2	0.4	12.8	57.5	643	81.5	0.3	15.1	64.7
UK, England, Merseyside and Cheshire	654	64.7	11.5	1.4	74.9	515	58.1	16.9	1.4	78.8
UK, England, North Western	1231	71.0	3.5	6.3	62.4	964	67.3	4.3	6.5	65.4
UK, England, Northern and Yorkshire	2349	49.4	1.7	0.1	52.5	1954	45.2	2.4	0.1	57.1
UK, England, Oxford Region	900	97.0	1.0	1.7	54.3	656	96.3	1.4	1.5	61.0
UK, England, South and Western Regions	2547	48.3	1.9	7.2	61.6	2076	44.5	2.1	10.5	64.6
UK, England, Thames	4448	73.8	8.3	15.6	56.5	3417	71.8	10.6	16.0	62.2
UK, England, Trent	1596	87.6	8.2	4.1	58.0	1140	85.4	10.8	3.3	67.2
UK, England, West Midlands	1776	79.6	7.8	0.0	57.6	1357	76.0	10.0	0.0	62.2
UK, Northern Ireland	473	74.6	0.6	0.0	60.0	325	71.1	0.9	0.0	56.6
UK, Scotland	1746	96.5	0.3	0.9	51.8	1331	95.2	0.5	1.7	55.8
Oceania										
Australia, New South Wales	2640	83.6	1.7	0.0	51.7	1827	82.3	1.9	0.0	53.6
Australia, Northern Territory	26	92.3	0.0	0.0	61.5	20	100.0	0.0	0.0	45.0
Australia, Queensland	1483	83.5	1.5	0.2	45.8	1048	82.2	2.3	0.8	44.8
Australia, South	770	92.6	0.0	0.4	47.7	577	92.2	0.0	0.7	51.0
Australia, Tasmania	162	90.1	0.6	4.9	60.2	118	96.6	0.0	1.7	69.2
Australia, Victoria	1615	93.1	6.0	0.4	61.9	1212	92.6	6.4	0.3	61.3
Australia, Western	588	90.6	9.2	0.2	59.0	389	90.2	9.5	0.3	57.6
Australian Capital Territory	94	72.3	0.0	0.0	59.6	66	77.3	3.0	0.0	69.7
French Polynesia	45	97.8	2.2	0.0	51.1	38	94.7	5.3	0.0	57.9
New Zealand	1776	96.8	3.2	0.0	40.5	1253	95.7	4.3	0.0	43.9
USA, Hawaii	384	97.4	1.3	0.3	56.0	269	96.7	1.1	0.4	59.9
USA, Hawaii: Chinese	20	100.0	0.0	0.0		15	100.0	0.0	0.0	
USA, Hawaii: Filipino	46	95.7	4.3	0.0		27	92.6	0.0	3.7	
USA, Hawaii: Hawaiian	57	98.2	1.8	0.0		45	97.8	0.0	0.0	
USA, Hawaii: Japanese	91	96.7	1.1	1.1		69	97.1	1.4	0.0	
USA, Hawaii: White	124	97.6	0.8	0.0	58.1	77	97.4	1.3	0.0	71.4

*Important. See note on population page.

Indices of data quality
All sites but skin (C00-96/C44)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Africa										
Algeria, Setif	1844	93.5		0.1		1815	93.7		0.2	*
Egypt, Gharbiah	6908	79.5	7.8	0.0	25.3	6637	86.1	8.2	0.0	22.7
Tunisia, Centre, Sousse	1379	96.3		0.0		986	97.1		0.0	*
Uganda, Kyadondo County	2173	67.1		0.0		2777	65.9		0.0	*
Zimbabwe, Harare: African	4371	59.7	12.9	0.0		3780	63.1	12.0	0.0	*
America, Central and South										
Argentina, Bahia Blanca	2201	76.8	17.5	2.2	88.6	2352	80.5	12.5	2.9	69.6
Brazil, Brasilia	6732	89.8	4.2	5.3	36.9	8004	86.9	4.3	8.2	30.6
Brazil, Cuiaba	1605	75.3	16.9	2.9	44.4	1645	77.0	14.4	2.4	35.0
Brazil, Goiania	3592	89.4	7.9	0.1	50.9	4105	91.6	6.4	0.2	38.1
Brazil, Sao Paulo	70229	79.0	7.6	0.0	41.6	77358	78.5	7.1	0.0	34.5
Chile, Valdivia	2040	77.8	9.5	0.0	62.3	1903	75.9	11.7	0.0	62.5
Colombia, Cali	7766	79.2	6.3	0.0	55.0	9609	82.9	6.0	0.0	50.8
Costa Rica	13656	73.3	11.5	0.0	60.7	13452	78.1	9.5	0.0	52.1
Ecuador, Quito	4194	81.8	10.2	0.0	53.9	5135	82.2	10.0	0.0	52.8
France, La Martinique	3610	97.8		0.6	45.8	2438	95.0		1.1	45.4
Peru, Trujillo	1256	94.7	1.3	0.0		1947	95.5	1.5	0.0	*
America, North										
Canada (Excluding Quebec, Yukon and Nunavut)	269555	87.1	1.4	6.9	44.9	244027	86.8	1.7	7.3	44.0
Canada, Alberta	30271	91.1	0.2	0.1	40.8	26796	92.6	0.3	0.1	41.3
Canada, British Columbia	47343	90.3	1.5	0.2	42.7	41349	89.8	1.9	0.1	43.9
Canada, Manitoba	14039	88.9	2.4	0.0	47.5	13042	88.9	2.5	0.0	45.8
Canada, New Brunswick	9614	91.6	0.1	0.0	48.0	8283	91.8	0.1	0.0	45.4
Canada, Newfoundland and Labrador	5755	97.4		0.3	57.6	4553	97.9		0.1	54.8
Canada, Northwest Territories	196	98.0	0.0	0.0	54.6	185	98.4	0.0	0.0	46.5
Canada, Nova Scotia	13074	89.0	1.7	0.7	46.7	11557	88.5	1.8	0.9	46.6
Canada, Ontario	134700	83.8	1.4	13.7	45.0	125919	83.1	1.9	14.0	43.4
Canada, Prince Edward Island	1806	92.3	0.2	0.0	44.5	1585	92.0	0.1	0.0	44.4
Canada, Saskatchewan	12757	88.7	3.4	0.0	48.5	10758	89.4	3.6	0.0	46.6
USA, Alabama	50729	91.6	2.3	2.6	51.7	46278	92.2	2.2	2.5	47.7
USA, Alabama: Black	10033	89.6	2.4	3.1	61.5	9069	91.6	2.0	2.5	55.8
USA, Alabama: White	39737	92.0	2.4	2.5	50.3	36425	92.4	2.3	2.4	46.6
USA, Alaska	5133	94.3	0.4	2.1	35.7	4616	94.9	0.5	1.8	33.6
USA, Arizona	55142	93.1	1.5	1.9	43.2	50316	93.4	1.5	1.7	41.8
USA, California	343106	94.5	0.9	0.9	39.2	326290	94.4	1.0	0.9	39.9
USA, California: Asian and Pacific Islander	25220	93.8	0.6	0.8	41.7	26738	95.8	0.6	0.6	34.7
USA, California: Black	23624	94.0	0.9	0.9	43.5	19059	94.1	1.0	0.8	49.9
USA, California: Hispanic White	42779	94.4	0.8	0.9	34.7	44576	95.7	0.7	0.7	31.8
USA, California: Non-Hispanic White	242117	94.5	1.0	1.0	40.6	231266	94.0	1.1	1.0	41.8
USA, California, Greater San Francisco Bay Area	67931	94.4	1.2	0.5	37.7	65732	94.2	1.6	0.4	39.1
USA, California, Greater San Francisco Bay Area: Black	5258	92.4	1.2	0.9	48.0	4372	92.9	1.5	0.5	52.4
USA, California, Greater San Francisco Bay Area: Chinese	3768	93.3	0.9	0.6		3533	95.0	0.5	0.5	
USA, California, Greater San Francisco Bay Area: Filipino	2042	93.8	1.0	0.8		2106	95.9	0.9	0.3	
USA, California, Greater San Francisco Bay Area: Japanese	775	94.1	1.3	0.5		961	95.3	1.1	0.4	
USA, California, Greater San Francisco Bay Area: Hispanic White	6051	94.4	1.1	0.6	32.3	6212	95.3	1.1	0.4	30.4
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	45921	94.7	1.3	0.4	38.0	44947	93.9	1.9	0.4	40.8
USA, California, Los Angeles County	87885	95.6	0.7	0.7	38.0	84578	95.5	0.7	0.7	39.4
USA, California, Los Angeles County: Black	11034	95.0	0.8	0.8	41.9	9074	94.7	0.8	0.9	50.5
USA, California, Los Angeles County: Chinese	2408	95.1	0.3	1.0	47.3	2324	95.9	0.7	1.0	41.5
USA, California, Los Angeles County: Filipino	2068	95.6	0.5	0.6	35.4	2426	97.1	0.4	0.5	27.1
USA, California, Los Angeles County: Japanese	1577	95.4	0.6	0.6	38.7	1546	96.2	0.5	0.6	37.0
USA, California, Los Angeles County: Korean	1223	93.5	0.4	1.1	52.8	1248	95.7	1.0	0.7	38.5
USA, California, Los Angeles County: Hispanic White	16330	95.1	0.7	0.8	34.9	17514	96.2	0.6	0.6	33.8
USA, California, Los Angeles County: Non-Hispanic White	49395	95.8	0.7	0.7	39.2	48033	95.1	0.8	0.8	41.0
USA, Colorado	41445	92.3	2.0	1.2	36.7	39979	92.7	1.8	1.1	37.0
USA, Connecticut	46713	96.0	1.1	0.4	37.6	44997	95.2	1.3	0.4	39.5
USA, Connecticut: Black	2944	96.5	0.8	0.3	39.9	2569	95.9	1.1	0.3	42.5
USA, Connecticut: White	42896	95.9	1.1	0.4	38.0	41709	95.1	1.3	0.4	39.7
USA, District of Columbia	7507	92.4	2.8	2.1	44.7	6868	92.6	2.9	1.5	47.7
USA, District of Columbia: Black	5298	92.3	2.9	1.7	49.7	4583	92.1	2.9	1.2	54.2
USA, District of Columbia: White	1877	94.1	2.8	1.8	37.1	1983	94.4	3.0	1.3	37.9
USA, Florida	251927	93.3	3.5	0.4	41.1	217537	93.4	3.1	0.3	41.1
USA, Florida: Black	20951	91.6	4.5	0.4	45.2	17397	93.4	2.9	0.3	45.9
USA, Florida: White	227632	93.4	3.4	0.4	41.2	197120	93.4	3.1	0.3	41.1
USA, Georgia	81495	93.0	2.7	0.7	44.0	74996	93.0	2.7	0.6	42.3
USA, Georgia: Black	19018	91.4	3.1	0.7	48.1	16452	92.1	2.7	0.7	48.0
USA, Georgia: White	61499	93.4	2.6	0.6	43.1	57483	93.1	2.7	0.5	41.0
USA, Georgia, Atlanta	24822	95.4	1.3	0.6	37.4	24025	95.2	1.5	0.5	38.4
USA, Georgia, Atlanta: Black	7196	94.3	1.3	0.7	40.9	6572	94.4	1.5	0.7	44.5
USA, Georgia, Atlanta: White	17034	95.9	1.3	0.6	36.1	16850	95.5	1.5	0.4	36.5
USA, Idaho	14306	92.8	2.8	0.2	38.9	12570	92.9	2.5	0.4	39.6
USA, Illinois	146334	93.7	2.3	0.6	43.2	142366	93.3	2.4	0.5	42.8
USA, Illinois: Black	18779	92.1	4.0	0.8	50.3	17722	91.7	4.1	0.7	51.2
USA, Illinois: White	122812	93.8	2.1	0.6	43.1	120551	93.4	2.1	0.5	42.5
USA, Indiana	69583	94.0	1.6	0.6	47.6	68591	94.3	1.5	0.6	44.7
USA, Iowa	39125	93.8	1.3	0.6	42.3	37198	93.3	1.5	0.5	41.4
USA, Kentucky	54081	92.0	1.2	2.3	45.3	49626	92.3	1.2	1.9	42.5
USA, Louisiana	54954	93.2	1.2	0.5	46.0	47197	92.9	1.3	0.6	46.0
USA, Louisiana: Black	14443	90.9	1.9	0.5	53.0	12376	92.1	1.4	0.7	51.9
USA, Louisiana: White	40062	94.0	1.0	0.5	43.6	34479	93.1	1.2	0.6	44.0
USA, Louisiana, New Orleans: Black	4277	91.2	2.7	0.6	55.6	3817	92.6	1.8	0.9	52.8
USA, Louisiana, New Orleans: White	7945	94.0	1.2	0.6	45.6	7433	93.2	1.4	0.6	45.0

*Important. See note on population page.

Indices of data quality
All sites but skin (C00-96/C44) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
America, North (contd)										
USA, Maine	18925	91.8	1.7	2.2	41.5	17339	91.3	2.1	1.8	42.5
USA, Massachusetts	83398	94.1	1.8	1.4	41.2	83526	92.9	2.1	1.7	41.5
USA, Michigan	128214	94.4	1.1	1.5	39.6	114702	93.4	1.2	1.7	41.5
USA, Michigan: Black	16270	93.6	0.9	1.8	41.4	13301	93.2	0.8	1.9	46.8
USA, Michigan: White	108837	94.4	1.2	1.4	40.0	99284	93.4	1.3	1.7	41.2
USA, Michigan, Detroit	55857	95.9	1.0	0.5	37.3	49232	94.7	1.4	0.5	41.4
USA, Michigan, Detroit: Black	12614	95.1	0.9	0.6	39.6	10184	94.3	1.1	0.5	46.7
USA, Michigan, Detroit: White	42375	96.2	1.0	0.4	36.9	38425	94.7	1.5	0.5	40.3
USA, Missouri	67971	91.6	3.2	2.5	46.5	65431	92.0	2.7	2.4	45.1
USA, Missouri: Black	6166	90.9	4.3	2.0	51.8	5787	92.2	2.8	1.8	51.7
USA, Missouri: White	61217	91.7	3.1	2.6	46.1	58983	92.0	2.7	2.5	44.7
USA, Montana	12098	91.5	4.1	1.0	41.3	10495	90.7	4.8	0.7	41.8
USA, NPCR	2678584	93.2	2.0	1.3	42.0	2513430	93.1	2.1	1.2	41.9
USA, NPCR: Black	260184	91.9	2.7	1.4	47.6	226451	92.4	2.3	1.3	49.6
USA, NPCR: White	2317952	93.3	2.0	1.3	42.2	2195599	93.1	2.1	1.2	41.9
USA, New Jersey	117270	94.9	1.1	1.0	37.8	109232	93.7	1.6	1.0	41.7
USA, New Jersey: Black	13154	94.2	1.0	1.2	41.9	11107	93.1	1.4	1.3	46.1
USA, New Jersey: White	100374	95.0	1.1	1.0	38.0	94747	93.7	1.7	0.9	42.0
USA, New Mexico	18921	91.2	2.8	1.1	40.3	16600	91.3	3.5	1.0	40.8
USA, New Mexico: American Indian	640	85.2	4.5	1.1	49.5	704	90.8	3.6	1.3	44.0
USA, New Mexico: Hispanic White	5093	90.0	2.8	1.3	42.6	4424	91.3	3.2	0.8	42.6
USA, New Mexico: Non-Hispanic White	12791	91.9	2.8	1.0	38.7	11156	91.5	3.5	1.0	39.8
USA, New York State	235878	91.2	1.9	2.3	38.0	234747	91.3	1.9	1.8	39.3
USA, New York State: Black	28918	91.5	2.3	2.0	39.5	27238	92.1	1.6	1.6	45.3
USA, New York State: White	199913	91.1	1.9	2.3	38.0	200613	91.1	2.0	1.9	38.9
USA, Ohio	138865	93.9	2.7	1.6	46.1	135447	93.5	3.0	1.5	44.8
USA, Ohio: Black	13201	92.0	4.0	1.9	53.4	11846	92.0	4.3	1.6	53.9
USA, Ohio: White	120193	93.9	2.7	1.5	47.2	119866	93.6	2.9	1.5	45.1
USA, Oklahoma	41469	89.2	2.7	1.1	46.8	38361	89.3	2.3	1.0	44.6
USA, Oregon	43007	93.0	1.8	0.9	41.8	41249	92.9	1.7	1.0	41.3
USA, Pennsylvania	180632	94.3	0.9	0.9	41.9	169910	93.7	1.0	0.9	43.4
USA, Pennsylvania: Black	14733	93.2	1.2	0.9	46.5	13001	92.8	1.3	1.0	51.7
USA, Pennsylvania: White	161549	94.4	0.8	0.8	42.4	153328	93.7	1.0	0.9	43.5
USA, Rhode Island	15120	94.9	1.8	0.4	40.1	14357	93.9	2.1	0.4	42.2
USA, SEER (9 Registries)	311115	94.8	1.1	0.6	38.5	289612	94.4	1.4	0.6	39.5
USA, SEER (9 Registries): Black	30149	94.5	1.0	0.7	41.6	25188	94.2	1.3	0.6	46.6
USA, SEER (9 Registries): White	258045	94.9	1.1	0.6	38.3	242365	94.3	1.4	0.6	39.5
USA, SEER (14 Registries)	836565	94.4	1.0	0.9	39.8	779507	94.1	1.2	0.9	40.7
USA, SEER (14 Registries): Asian and Pacific Islander	40281	94.1	0.7	0.7	41.2	41900	95.8	0.6	0.6	34.1
USA, SEER (14 Registries): Black	80476	93.6	1.1	0.9	44.3	67066	93.5	1.3	0.9	48.3
USA, SEER (14 Registries): Hispanic White	59291	94.2	1.0	0.9	34.0	60289	95.3	0.9	0.7	31.1
USA, SEER (14 Registries): Non-Hispanic White	641428	94.5	1.1	0.9	40.4	600853	93.9	1.3	0.9	41.7
USA, South Carolina	49841	92.7	2.0	2.5	44.2	42294	92.9	2.0	2.3	43.6
USA, South Carolina: Black	12332	91.1	2.0	2.8	50.4	9725	91.8	1.9	2.6	50.8
USA, South Carolina: White	36846	93.2	1.9	2.3	42.7	32016	93.2	2.0	2.2	41.9
USA, Texas	200115	90.4	3.8	2.7	43.7	183617	91.0	4.0	2.0	42.3
USA, Texas: Black	21129	88.1	5.3	2.8	52.5	18720	89.6	4.7	2.2	51.1
USA, Texas: White	174180	90.7	3.7	2.6	43.3	159969	91.1	4.0	1.9	42.1
USA, Utah	17597	96.0	0.3	0.1	35.6	15080	95.7	0.3	0.2	36.3
USA, Vermont	7744	93.9	2.0	0.4	40.9	7409	93.7	1.9	0.5	40.4
USA, Washington State	70877	93.7	1.0	1.1	38.6	67174	94.0	1.1	1.1	38.2
USA, Washington, Seattle	48122	94.2	0.7	0.9	38.0	45658	94.4	0.7	1.0	38.0
USA, West Virginia	26512	92.6	1.7	0.9	46.1	24668	92.0	1.8	0.9	45.7
USA, Wisconsin	67288	91.2	2.6	3.2	41.5	62538	91.1	3.2	2.7	41.2
Asia										
Bahrain: Bahraini	929	84.4	6.5	0.5	67.8	944	91.4	4.9	0.4	47.8
China, Guangzhou City	14287	65.5	0.0	0.1	71.7	10208	73.7	0.0	0.1	56.0*
China, Hong Kong	56776	84.4	1.5	0.0	60.7	45492	87.7	1.4	0.0	47.1
China, Jiashan	2586	61.3	0.5	0.0		1507	71.1	0.5	0.0	*
China, Nangang District, Harbin City	4472	77.9	2.2	1.0	80.3	3540	81.8	1.9	0.8	52.6
China, Shanghai	53528	58.4	0.6	0.0	56.7	45495	67.9	0.6	0.0	43.5*
China, Zhongshan	5884	78.0	0.1	0.0		3748	86.4	0.1	0.0	*
Cyprus	4311	95.3		1.2	24.9	4081	96.8		0.7	18.9*
India, Chennai (Madras)	9751	73.3	2.7	9.3	44.1	10537	78.7	2.7	5.2	33.5
India, New Delhi	24258	82.9	2.4	0.0		23244	80.6	2.1	0.0	*
India, Karunagappally	975	76.4	4.3	0.0	54.9	742	82.3	5.0	0.0	46.0
India, Mumbai (Bombay)	22147	80.5	6.9	0.1	37.8	21890	82.6	6.5	0.1	32.1
India, Nagpur	4034	88.0	3.4	0.0		4165	92.3	2.0	0.0	*
India, Poona	5555	82.5	6.1	0.0		6453	82.8	6.5	0.0	*
India, Trivandrum	2548	83.0	5.8	0.4		2576	91.0	3.6	0.3	*
Israel	48406	85.4	3.3	4.0	46.0	52172	88.7	3.0	2.3	42.0
Israel: Jews	43823	87.3	2.8	3.2		48449	90.2	2.5	1.8	
Israel: Non-Jews	2818	90.1	2.1	2.6		2414	91.7	2.0	2.3	
Japan, Aichi Prefecture	9375	77.9	17.0	5.1	57.1	6901	78.1	16.2	5.7	50.2
Japan, Fukui Prefecture	10601	78.6	4.3	1.1	55.8	7972	76.3	5.4	1.1	53.4
Japan, Hiroshima	14186	84.5	3.1	0.0	47.6	10260	86.0	4.1	0.0	42.1
Japan, Miyagi Prefecture	31858	78.6	11.3	0.0	50.4	22387	77.1	13.0	0.0	46.1
Japan, Nagasaki Prefecture	22050	81.5	7.7	0.7	56.5	16464	80.9	8.6	0.6	51.6
Japan, Osaka Prefecture	95011	77.6	11.6	0.0	67.9	66166	75.8	11.8	0.0	61.6
Japan, Yamagata Prefecture	18940	78.5	9.9	1.0	57.2	13733	76.9	10.3	0.9	52.2

*Important. See note on population page.

Indices of data quality
All sites but skin (C00-96/C44) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Asia (contd)										
Korea	241155	72.2	6.1	0.0	62.2	183620	78.8	5.8	0.0	46.1
Korea, Busan	21999	67.5	4.6	0.0	64.8	17248	75.7	4.7	0.0	49.9
Korea, Daegu	14900	76.5	4.2	0.0	57.2	12038	82.2	4.1	0.0	42.8
Korea, Daejeon	7084	76.8	4.3	0.0	58.5	5899	83.0	3.8	0.0	40.0
Korea, Gwangju	7563	71.6	3.2	0.0	55.7	6245	80.1	4.0	0.0	40.3
Korea, Incheon	12740	74.6	2.9	0.0	61.1	10804	80.9	2.9	0.0	44.0
Korea, Jejudo	1878	72.0	2.0	0.3	61.7	1531	75.8	1.7	0.0	48.3
Korea, Seoul	59431	74.2	6.8	0.0	49.6	50666	81.4	6.5	0.0	35.9
Korea, Ulsan	3804	73.9	4.4	0.0	60.0	3096	81.5	4.6	0.0	43.1
Kuwait: Kuwaitis	1294	79.5	16.5	0.5		1648	86.9	10.8	0.2	
Kuwait: Non-Kuwaitis	1625	88.2	8.7	0.2		1368	90.7	7.8	0.2	
Malaysia, Penang	3409	84.6	6.2	0.0	50.0	3896	87.8	4.1	0.0	39.9
Malaysia, Sarawak	4638	84.3	7.7	0.3	29.3	4787	88.8	5.8	0.2	22.6
Oman: Omani	1859	89.3	1.1	0.7		1627	92.3	0.5	0.2	*
Pakistan, South Karachi	4454	89.5	1.1	0.0		4085	93.2	0.5	0.0	*
Philippines, Manila	14119	63.9	12.7	0.0		18638	77.6	8.1	0.0	*
Singapore	17810	87.5	0.0	0.0	64.9	18185	92.4	0.0	0.0	47.7
Singapore: Chinese	15516	87.6	0.0	0.0		15768	92.2	0.0	0.0	
Singapore: Indian	776	87.8	0.0	0.0		781	94.4	0.0	0.0	
Singapore: Malay	1518	86.0	0.0	0.0		1636	93.0	0.1	0.0	
Thailand, Chiang Mai	5618	71.1	10.9	0.0	10.5	6554	81.6	7.5	0.0	8.8*
Thailand, Lampang	3538	59.9	12.7	0.0	79.8	3572	71.3	8.8	0.0	65.8*
Thailand, Songkhla	2846	82.8	4.4	0.1	79.4	2990	88.9	2.7	0.2	59.2
Turkey, Antalya	4762	86.7	1.8	2.0	36.5	3433	88.7	1.2	2.1	22.7*
Turkey, Izmir	15907	88.2	0.0	1.7	54.8	9884	92.0	0.0	1.1	38.1*
Europe										
Austria	93110	91.2	7.2	0.1	51.7	85705	89.5	8.6	0.2	52.8
Austria, Tyrol	8425	94.7	1.4	0.0	39.9	7025	92.3	2.5	0.0	45.5
Austria, Vorarlberg	3941	90.2	4.4	1.3	40.2	3248	87.6	7.5	1.0	41.6
Belarus	77140	81.1		0.0	73.6	69885	88.0		0.0	55.3*
Belgium, Antwerp	20055	97.5		0.0		16085	97.7		0.0	*
Belgium, Flanders	67116	91.4		6.4	52.6	53701	91.4		6.3	47.2
Bulgaria	69185	59.4	15.5	0.1	65.5	62577	72.0	11.7	0.1	51.9*
Croatia	52071	74.1	7.0	18.9	66.0	45175	74.1	6.6	19.2	52.8
Czech Republic	119560	83.5	4.5	0.7	65.3	111613	83.8	4.8	1.2	56.3
Denmark	61586	88.8	0.5	3.2	62.2	66532	90.3	0.4	2.7	57.0
Estonia	12979	86.2	0.6	0.0	69.7	13263	90.1	0.5	0.0	57.4
Finland	54512	93.3	1.2	0.9	48.6	54789	92.4	1.4	0.9	44.8
France, Bas-Rhin	13603	94.7		0.2	50.6	10427	94.9		0.2	43.8
France, Calvados	8068	92.6		0.1	59.6	6207	93.8		0.1	50.5
France, Doubs	6181	96.4		0.1	52.1	4596	96.1		0.1	45.4
France, Haut-Rhin	9136	95.8		1.2	53.0	7329	95.4		1.0	47.5
France, Herault	12391	97.6		0.0	55.5	9563	97.6		0.0	47.1
France, Isere	13093	93.6		1.3	51.9	10454	94.5		0.9	42.8
France, Loire-Atlantique	15210	97.6		0.1	54.5	11068	98.3		0.0	46.5
France, Manche	6560	97.2		0.0	62.9	4781	97.6		0.0	54.2
France, Somme	7230	94.1	0.1	0.8	61.3	5241	93.5	0.2	0.9	51.4
France, Tarn	5332	94.3		0.2	53.4	3881	93.2		0.1	47.3
France, Vendee	7567	97.5		1.1	66.3	5218	97.4		1.4	56.3
Germany, Brandenburg	32591	78.4	17.5	2.0	117.9	29100	77.1	18.9	1.8	117.0
Germany, Free State of Saxony	56994	81.9	14.1	0.2	42.5	56099	81.4	14.8	0.2	41.1
Germany, Hamburg	20426	75.1	9.2	0.0	57.7	20651	75.1	9.7	0.0	59.0
Germany, Mecklenburg-Western Pomerania	22953	81.1	16.0	0.5	41.2	20322	79.6	17.5	0.4	38.5
Germany, Munich	30171	86.0	8.2	0.0	45.2	29067	85.5	8.6	0.0	46.2
Germany, Northrhine-Westphalia: Munster	32802	83.0	9.3	1.0	53.9	30746	82.4	9.2	0.9	51.8
Germany, Saarland	15479	92.0	4.9	0.1	53.3	14081	90.8	5.2	0.0	51.1
Iceland	2736	97.1	0.1	0.0	48.2	2646	96.4	0.1	0.0	45.1
Ireland	36298	83.7	2.6	0.9	52.9	33352	85.2	3.0	1.0	49.5
Italy, Biella Province	3436	85.4	1.1	0.5	52.6	2831	85.4	2.0	0.7	49.2
Italy, Brescia Province	9837	83.0	1.7	0.0	50.5	8259	85.4	2.5	0.0	42.2
Italy, Ferrara Province	6920	84.1	0.8	0.0	51.8	6051	86.8	1.2	0.0	41.5
Italy, Florence and Prato	20359	80.1	0.7	0.0	49.2	17330	81.5	1.0	0.0	42.4
Italy, Genoa Province	10796	79.5	1.4	0.0	47.5	9029	80.6	2.0	0.0	41.9
Italy, Macerata Province	3041	85.6	2.0	0.4	52.1	2264	84.8	2.3	0.6	52.2
Italy, Milan	17602	82.4	1.4	0.0	53.2	17061	83.7	2.6	0.0	50.8
Italy, Modena Province	10509	87.0	0.3	0.0	48.0	8869	88.9	0.5	0.0	41.6
Italy, Naples	4979	71.0	2.4	0.0	52.6	3890	77.8	2.8	0.0	44.0
Italy, North East Cancer Surveillance Network	35578	88.9	0.6	0.0	52.5	29752	88.5	0.9	0.0	49.0
Italy, Parma Province	7500	85.3	0.7	0.0	49.6	6730	85.3	1.0	0.0	44.2
Italy, Ragusa Province	3347	76.9	2.7	1.7	53.1	2755	82.0	3.2	1.1	44.8
Italy, Reggio Emilia Province	7079	86.5	0.2	0.0	50.7	6310	87.9	0.3	0.0	43.0
Italy, Romagna Region	18632	87.0	1.6	0.0	50.2	15147	87.2	2.0	0.0	44.8
Italy, Salerno Province	8952	73.9	2.8	0.0	56.9	7319	75.6	2.6	0.0	46.6
Italy, Sassari Province	5541	81.7	3.1	0.9	52.5	4523	84.4	3.0	0.9	40.3
Italy, Syracuse Province	3327	78.3	3.2	2.3	56.3	2790	84.2	2.9	1.2	43.4
Italy, Sondrio	2931	86.4	0.3	0.0	52.8	2281	86.8	0.6	0.0	48.4
Italy, Torino	15768	86.5	1.4	0.1	48.6	13360	87.0	1.7	0.1	47.8
Italy, Umbria Region	13663	82.1	0.5	10.8	55.0	11151	82.2	1.0	10.6	48.4
Italy, Varese Province	7717	87.5	0.2	0.0	45.3	6365	87.3	0.5	0.0	38.2
Italy, Veneto Region	26664	85.3	1.3	0.0	49.2	22403	86.2	1.8	0.0	43.9

*Important. See note on population page.

Indices of data quality
All sites but skin (C00-96/C44) (contd)

	Male					Female				
	Cases	MV(%)	DCO(%)	UB(%)	MI(%)	Cases	MV(%)	DCO(%)	UB(%)	MI(%)
Europe (contd)										
Latvia	20144	71.2	5.6	0.3	75.9	20734	80.1	4.6	0.2	62.0
Lithuania	32138	81.0	1.5	0.0	67.3	30469	84.6	1.3	0.0	55.5
Malta	3238	86.4	2.0	0.0	61.0	3261	89.3	2.0	0.0	47.9
Norway	53499	91.7	0.9	0.0	52.3	49387	92.0	0.8	0.0	49.1
Poland, Cracow	6542	61.6	8.9	0.0	72.3	7558	73.7	6.6	0.0	58.2*
Poland, Kielce	12434	80.0	2.8	3.7	67.5	10326	80.2	2.8	4.1	55.2
Poland, Warsaw City	13764	83.0	0.5	0.2	81.5	15413	85.5	0.6	0.3	70.6
Portugal, Porto	27082	96.9		0.0	59.4	22207	96.7		0.1	46.9*
Portugal, South Regional	31316	83.0	13.0	0.0	57.2	25333	83.9	12.8	0.0	49.8
Russia, St Petersburg	34854	74.6		6.3	83.6	45729	78.8		5.4	69.8
Serbia	41152	79.5	9.5	0.1	69.6	39120	82.5	7.9	0.2	55.5
Slovak Republic	48834	82.0	9.7	1.3	71.8	42120	84.9	8.5	1.0	56.9
Slovenia	20324	97.0	1.6	1.3	66.3	18820	97.0	1.9	1.0	55.7
Spain, Albacete	3185	85.7	4.2	1.1	53.1	2029	86.1	4.7	0.8	50.7
Spain, Asturias	16262	89.2	3.6	1.2	62.8	10480	88.0	3.8	1.1	53.9
Spain, Basque Country	24741	88.2	2.7	0.7	52.3	15568	87.5	3.9	0.5	48.0
Spain, Canary Islands	13842	87.9	4.0	1.1	56.4	9974	89.2	3.9	0.9	49.6
Spain, Cuenca	2608	77.8	7.9	1.0	57.1	1585	79.4	8.1	0.9	51.0
Spain, Girona	8082	88.5	3.7	0.7	50.8	5221	87.7	4.4	0.5	45.1
Spain, Granada	8049	86.0	0.7	0.1	62.1	5888	88.0	1.0	0.0	52.2
Spain, Murcia	12291	87.8	3.4	0.8	52.5	8380	89.0	3.3	0.5	43.9
Spain, Navarra	7944	90.1	1.8	0.1	51.8	5221	89.1	2.2	0.0	47.1
Spain, Tarragona	6609	86.9	5.7	0.3	49.2	4444	86.2	6.4	0.2	44.7
Spain, Zaragoza	9811	91.4	4.3	0.0	69.2	6535	90.0	5.0	0.2	62.2
Sweden	106443	98.4		0.0	52.1	98687	98.2		0.0	51.3
Switzerland, Geneva	5372	93.0	0.3	0.0	40.0	5031	93.2	0.9	0.0	35.8
Switzerland, Graubunden and Glarus	2670	89.7	0.2	0.0	51.2	2159	90.9	0.4	0.0	47.6
Switzerland, Neuchatel	2190	92.6	1.2	0.0	50.6	1912	94.4	0.8	0.0	46.9
Switzerland, St Gall-Appenzell	5771	94.1	0.5	0.0	47.3	4680	93.8	0.8	0.0	47.0
Switzerland, Ticino	4110	89.7	2.7	0.0	53.2	3767	91.3	3.3	0.0	46.9
Switzerland, Valais	3410	91.3	0.7	0.1	48.9	2761	93.4	0.5	0.0	43.5
Switzerland, Vaud	7993	94.2	3.1	0.0	46.3	7218	94.0	3.8	0.0	40.2
The Netherlands	170303	94.8		0.0	60.7	163202	95.6		0.0	52.2
The Netherlands, Eindhoven	11212	94.7		0.0		10199	95.8		0.0	
The Netherlands, Maastricht	10702	95.9		0.0	58.0	9567	96.1		0.0	49.7
UK, East of England Region	32929	83.9	0.3	2.4	54.8	31523	85.0	0.3	1.9	51.3
UK, England, Merseyside and Cheshire	30029	77.4	5.0	0.4	58.5	29546	77.8	5.3	0.3	56.4
UK, England, North Western	51419	80.1	2.0	1.8	57.1	49763	79.5	2.2	2.0	54.6
UK, England, Northern and Yorkshire	84893	78.8	2.4	0.0	56.6	81004	77.1	1.8	0.0	54.1
UK, England, Oxford Region	27816	85.8	1.1	8.5	54.4	26648	86.0	1.4	8.2	53.2
UK, England, South and Western Regions	91379	74.3	1.9	6.6	56.6	90040	74.5	2.0	7.1	53.2
UK, England, Thames	147351	76.4	7.8	4.8	56.7	147148	77.2	8.3	4.5	54.2
UK, England, Trent	58248	77.8	5.6	1.3	56.9	57044	79.5	6.0	1.1	52.7
UK, England, West Midlands	63438	83.2	5.1	0.0	56.6	59504	83.9	5.4	0.0	53.5
UK, Northern Ireland	15649	78.1	1.2	0.0	59.3	16684	82.8	1.6	0.0	52.4
UK, Scotland	65898	84.4	0.5	0.9	57.3	67318	85.1	0.6	0.8	54.5
Oceania										
Australia, New South Wales	80965	91.3	0.9	0.0	41.9	67690	91.6	1.1	0.0	38.7
Australia, Northern Territory	1258	93.7	1.0	0.0	40.5	921	93.8	0.8	0.0	37.4
Australia, Queensland	46460	88.3	1.3	0.2	39.5	38176	90.0	1.4	0.2	34.5
Australia, South	21017	91.4	0.0	0.3	42.1	17515	91.6	0.0	0.3	40.1
Australia, Tasmania	6277	90.1	0.5	0.5	46.0	5393	92.0	0.5	0.1	43.0
Australia, Victoria	56503	89.8	2.0	1.5	45.0	50009	90.6	2.2	1.3	41.1
Australia, Western	20948	92.5	3.3	0.1	41.9	17420	92.4	2.9	0.2	38.4
Australian Capital Territory	2879	91.6	0.6	0.0	42.0	2663	92.4	0.9	0.0	41.9
French Polynesia	1168	89.4	7.0	1.5	58.3	1164	91.2	4.8	1.5	43.4
New Zealand	46203	89.5	2.7	0.0	43.5	40477	90.7	2.9	0.1	44.3
USA, Hawaii	13815	95.3	0.7	0.3	39.7	12368	96.0	0.6	0.3	34.6
USA, Hawaii: Chinese	924	95.0	1.0	0.1		794	95.3	0.6	0.4	
USA, Hawaii: Filipino	1924	94.8	0.8	0.3		1464	97.2	0.3	0.3	
USA, Hawaii: Hawaiian	1647	94.5	0.7	0.2		1897	96.1	0.8	0.2	
USA, Hawaii: Japanese	4061	95.8	0.7	0.3		3699	95.9	0.5	0.3	
USA, Hawaii: White	4354	95.5	0.6	0.4	36.4	3543	95.7	0.8	0.3	34.4

*Important. See note on population page.

Percentage of other and unspecified site (O&U) and unknown age (Unk), all sites

	Male		Female		
	O&U	Unk	O&U	Unk	
Africa					
Algeria, Setif	3.0	-	2.6	-	*
Egypt, Gharbiah	6.1	-	5.5	-	
Tunisia, Centre, Sousse	3.5	-	3.9	-	*
Uganda, Kyadondo County	4.1	2.8	3.3	2.3	*
Zimbabwe, Harare: African	2.3	2.5	2.4	1.9	*
America, Central and South					
Argentina, Bahia Blanca	4.7	2.7	3.2	2.4	
Brazil, Brasilia	3.9	6.1	4.3	5.3	
Brazil, Cuiaba	4.8	1.1	5.8	1.3	
Brazil, Goiania	2.3	0.3	2.0	0.3	
Brazil, Sao Paulo	4.3	10.5	4.1	10.7	
Chile, Valdivia	5.9	0.0	6.4	0.1	
Colombia, Cali	6.1	4.6	6.3	3.7	
Costa Rica	4.6	0.9	4.1	0.4	
Ecuador, Quito	2.8	0.7	3.5	0.5	
France, La Martinique	1.6	-	2.7	0.0	
Peru, Trujillo	2.6	-	2.8	-	*
America, North					
Canada (Excluding Quebec, Yukon and Nunavut)	3.3	0.0	3.8	0.0	
Canada, Alberta	2.7	-	4.0	-	
Canada, British Columbia	2.9	-	4.0	-	
Canada, Manitoba	2.2	-	2.9	-	
Canada, New Brunswick	1.9	-	2.3	-	
Canada, Newfoundland and Labrador	3.1	-	3.8	-	
Canada, Northwest Territories	1.5	-	-	-	
Canada, Nova Scotia	3.6	-	4.2	-	
Canada, Ontario	3.8	0.0	3.7	0.0	
Canada, Prince Edward Island	2.3	-	3.0	-	
Canada, Saskatchewan	3.0	-	4.6	-	
USA, Alabama	2.8	-	3.1	-	
USA, Alabama: Black	2.9	-	3.6	-	
USA, Alabama: White	2.8	-	3.0	-	
USA, Alaska	1.8	-	1.8	-	
USA, Arizona	3.2	-	3.6	-	
USA, California	2.5	0.0	3.2	0.0	
USA, California: Asian and Pacific Islander	2.5	0.0	2.7	-	
USA, California: Black	2.5	-	3.6	0.0	
USA, California: Hispanic White	2.7	0.0	3.2	0.0	
USA, California: Non-Hispanic White	2.6	0.0	3.2	0.0	
USA, California, Greater San Francisco Bay Area	2.5	0.0	3.2	0.0	
USA, California, Greater San Francisco Bay Area: Black	3.0	-	4.2	0.0	
USA, California, Greater San Francisco Bay Area: Chinese	2.5	0.1	3.2	-	
USA, California, Greater San Francisco Bay Area: Filipino	2.3	-	3.0	-	
USA, California, Greater San Francisco Bay Area: Japanese	1.9	-	2.4	-	
USA, California, Greater San Francisco Bay Area: Hispanic White	2.4	0.0	3.1	0.0	
USA, California, Greater San Francisco Bay Area: Non-Hispanic White	2.5	0.0	3.2	0.0	
USA, California, Los Angeles County	2.5	0.0	3.0	0.0	
USA, California, Los Angeles County: Black	2.5	-	3.2	0.0	
USA, California, Los Angeles County: Chinese	2.0	0.0	2.5	-	
USA, California, Los Angeles County: Filipino	2.7	-	2.4	-	
USA, California, Los Angeles County: Japanese	3.3	-	2.3	-	
USA, California, Los Angeles County: Korean	2.0	-	2.2	-	
USA, California, Los Angeles County: Hispanic White	2.7	0.0	3.0	-	
USA, California, Los Angeles County: Non-Hispanic White	2.5	0.0	3.1	0.0	
USA, Colorado	2.5	-	3.0	-	
USA, Connecticut	2.0	-	2.7	-	
USA, Connecticut: Black	2.4	-	2.7	-	
USA, Connecticut: White	2.0	-	2.8	-	
USA, District of Columbia	2.5	-	3.5	-	
USA, District of Columbia: Black	2.5	-	3.8	-	
USA, District of Columbia: White	2.5	-	3.1	-	
USA, Florida	2.7	-	3.1	-	
USA, Florida: Black	2.9	-	3.5	-	
USA, Florida: White	2.7	-	3.1	-	
USA, Georgia	2.5	-	3.0	-	
USA, Georgia: Black	2.5	-	3.5	-	
USA, Georgia: White	2.5	-	2.9	-	
USA, Georgia, Atlanta	2.1	-	2.5	-	
USA, Georgia, Atlanta: Black	2.1	-	3.2	-	
USA, Georgia, Atlanta: White	2.1	-	2.3	-	
USA, Idaho	2.8	-	3.2	-	
USA, Illinois	2.5	-	3.1	-	
USA, Illinois: Black	3.0	-	3.6	-	
USA, Illinois: White	2.4	-	3.1	-	
USA, Indiana	2.4	-	2.9	-	
USA, Iowa	1.9	-	2.7	-	
USA, Kentucky	2.7	-	3.0	-	
USA, Louisiana	2.4	-	2.8	-	
USA, Louisiana: Black	2.8	-	3.2	-	
USA, Louisiana: White	2.2	-	2.6	-	
USA, Louisiana, New Orleans: Black	3.1	-	3.5	-	
USA, Louisiana, New Orleans: White	2.6	-	2.9	-	

*Important. See note on population page.

Percentage of other and unspecified site (O&U) and unknown age (Unk), all sites (Contd)

	Male		Female		
	O&U	Unk	O&U	Unk	
America, North (contd)					
USA, Maine	2.6	-	3.1	-	
USA, Massachusetts	2.4	-	3.1	-	
USA, Michigan	2.3	-	3.0	-	
USA, Michigan: Black	2.4	-	3.2	-	
USA, Michigan: White	2.3	-	3.0	-	
USA, Michigan, Detroit	1.8	0.0	2.4	0.0	
USA, Michigan, Detroit: Black	2.0	0.0	2.8	-	
USA, Michigan, Detroit: White	1.7	0.0	2.3	0.0	
USA, Missouri	2.7	-	3.4	-	
USA, Missouri: Black	3.2	-	3.9	-	
USA, Missouri: White	2.7	-	3.3	-	
USA, Montana	2.4	-	3.0	-	
USA, NPCR	2.5	-	3.0	-	
USA, NPCR: Black	2.7	-	3.4	-	
USA, NPCR: White	2.5	-	3.0	-	
USA, New Jersey	2.1	-	2.8	-	
USA, New Jersey: Black	2.4	-	3.4	-	
USA, New Jersey: White	2.1	-	2.8	-	
USA, New Mexico	2.7	0.0	3.3	0.0	
USA, New Mexico: American Indian	3.3	-	5.4	-	
USA, New Mexico: Hispanic White	3.1	-	3.6	-	
USA, New Mexico: Non-Hispanic White	2.6	0.0	3.1	0.0	
USA, New York State	2.0	-	2.6	-	
USA, New York State: Black	2.0	-	2.8	-	
USA, New York State: White	2.0	-	2.6	-	
USA, Ohio	2.8	-	3.3	-	
USA, Ohio: Black	2.9	-	3.9	-	
USA, Ohio: White	2.9	-	3.3	-	
USA, Oklahoma	2.3	-	2.6	-	
USA, Oregon	2.4	-	3.1	-	
USA, Pennsylvania	2.4	-	3.3	-	
USA, Pennsylvania: Black	2.7	-	3.8	-	
USA, Pennsylvania: White	2.4	-	3.2	-	
USA, Rhode Island	2.3	-	2.9	-	
USA, SEER (9 Registries)	2.0	0.0	2.7	0.0	
USA, SEER (9 Registries): Black	2.2	0.0	3.1	0.0	
USA, SEER (9 Registries): White	2.0	0.0	2.6	0.0	
USA, SEER (14 Registries)	2.3	0.0	2.9	0.0	
USA, SEER (14 Registries): Asian and Pacific Islander	2.4	0.0	2.5	-	
USA, SEER (14 Registries): Black	2.4	0.0	3.3	0.0	
USA, SEER (14 Registries): Hispanic White	2.6	0.0	3.1	0.0	
USA, SEER (14 Registries): Non-Hispanic White	2.3	0.0	2.9	0.0	
USA, South Carolina	2.6	-	2.9	-	
USA, South Carolina: Black	2.7	-	3.2	-	
USA, South Carolina: White	2.5	-	2.8	-	
USA, Texas	2.8	-	3.1	-	
USA, Texas: Black	3.0	-	3.6	-	
USA, Texas: White	2.8	-	3.1	-	
USA, Utah	1.8	-	2.6	-	
USA, Vermont	2.4	-	2.9	-	
USA, Washington State	1.8	-	2.2	-	
USA, Washington, Seattle	1.6	-	2.2	-	
USA, West Virginia	2.5	-	2.9	-	
USA, Wisconsin	3.5	-	3.3	-	
Asia					
Bahrain: Bahraini	4.7	-	2.5	0.1	
China, Guangzhou City	3.2	-	3.6	-	*
China, Hong Kong	4.2	0.1	4.2	0.1	
China, Jiashan	0.8	-	1.1	-	*
China, Nangang District, Harbin City	1.3	-	1.0	-	
China, Shanghai	2.7	-	3.2	-	*
China, Zhongshan	0.6	-	1.0	-	*
Cyprus	2.1	2.9	1.9	1.9	*
India, Chennai (Madras)	6.3	-	3.1	-	
India, New Delhi	7.4	0.8	4.7	0.8	*
India, Karunagappally	11.6	0.6	9.7	0.1	
India, Mumbai (Bombay)	5.4	0.2	3.6	0.2	
India, Nagpur	11.2	1.2	6.7	1.3	*
India, Poona	5.9	0.9	4.1	0.8	*
India, Trivandrum	9.7	0.1	6.6	-	*
Israel	3.4	-	3.8	-	
Israel: Jews	3.4	-	3.7	-	
Israel: Non-Jews	3.8	-	4.1	-	
Japan, Aichi Prefecture	2.3	0.0	3.0	-	
Japan, Fukui Prefecture	0.8	-	1.3	-	
Japan, Hiroshima	0.9	0.0	1.1	0.1	
Japan, Miyagi Prefecture	1.1	-	1.5	-	
Japan, Nagasaki Prefecture	1.0	-	1.3	-	
Japan, Osaka Prefecture	1.3	0.0	1.9	0.0	
Japan, Yamagata Prefecture	0.9	-	1.3	-	

*Important. See note on population page.

Percentage of other and unspecified site (O&U) and unknown age (Unk), all sites (Contd)

	Male		Female		
	O&U	Unk	O&U	Unk	
Asia (contd)					
Korea	2.1	0.0	2.3	0.0	
Korea, Busan	2.1	-	2.5	-	
Korea, Daegu	2.4	-	2.5	-	
Korea, Daejeon	2.1	-	2.2	-	
Korea, Gwangju	2.4	-	2.3	-	
Korea, Incheon	1.8	-	2.0	-	
Korea, Jejudo	2.2	-	2.3	-	
Korea, Seoul	2.2	-	2.4	-	
Korea, Ulsan	1.6	-	1.7	-	
Kuwait: Kuwaitis	5.1	0.5	3.2	0.2	
Kuwait: Non-Kuwaitis	4.5	0.1	3.3	0.4	
Malaysia, Penang	8.5	-	6.1	-	
Malaysia, Sarawak	5.9	0.1	4.8	0.1	
Oman: Omani	5.5	0.1	5.7	0.1	*
Pakistan, South Karachi	10.5	-	6.4	-	*
Philippines, Manila	5.2	1.3	4.0	1.3	*
Singapore	2.3	0.0	2.1	0.1	
Singapore: Chinese	2.2	-	2.1	-	
Singapore: Indian	3.5	-	2.1	-	
Singapore: Malay	2.8	-	2.4	-	
Thailand, Chiang Mai	14.9	0.0	10.7	-	*
Thailand, Lampang	8.3	-	5.9	-	*
Thailand, Songkhla	5.1	0.1	3.4	0.1	
Turkey, Antalya	2.9	0.2	2.1	0.4	*
Turkey, Izmir	3.5	0.1	3.9	0.1	*
Europe					
Austria	1.3	-	1.9	-	
Austria, Tyrol	1.2	-	2.2	-	
Austria, Vorarlberg	1.4	-	1.8	-	
Belarus	2.5	-	1.7	-	*
Belgium, Antwerp	2.1	-	2.6	-	*
Belgium, Flanders	3.3	-	3.9	-	
Bulgaria	4.7	-	3.6	-	*
Croatia	3.4	0.1	3.5	0.2	
Czech Republic	2.4	-	2.8	-	
Denmark	3.7	-	3.9	-	
Estonia	2.6	-	2.1	-	
Finland	2.2	-	3.4	-	
France, Bas-Rhin	2.9	-	3.1	-	
France, Calvados	2.6	-	1.9	-	
France, Doubs	2.0	-	2.3	-	
France, Haut-Rhin	1.8	-	1.7	-	
France, Herault	2.6	-	2.2	-	
France, Isere	2.7	-	2.7	-	
France, Loire-Atlantique	4.2	-	3.8	-	
France, Manche	2.8	-	3.1	-	
France, Somme	3.7	-	3.7	-	
France, Tarn	3.2	-	4.7	-	
France, Vendee	3.7	-	3.6	-	
Germany, Brandenburg	2.4	-	2.9	-	
Germany, Free State of Saxony	2.7	-	3.5	-	
Germany, Hamburg	1.9	-	2.2	-	
Germany, Mecklenburg-Western Pomerania	2.6	-	3.3	-	
Germany, Munich	3.4	-	3.7	-	
Germany, Northrhine-Westphalia: Munster	2.2	-	3.1	-	
Germany, Saarland	2.5	-	2.9	-	
Iceland	1.9	-	3.1	-	
Ireland	3.6	-	4.4	-	
Italy, Biella Province	2.2	-	2.7	-	
Italy, Brescia Province	0.5	-	0.8	-	
Italy, Ferrara Province	1.6	-	2.6	-	
Italy, Florence and Prato	1.7	-	2.3	-	
Italy, Genoa Province	2.2	-	2.9	-	
Italy, Macerata Province	1.9	-	2.6	-	
Italy, Milan	1.9	-	2.6	-	
Italy, Modena Province	2.0	-	2.5	-	
Italy, Naples	3.1	-	3.4	0.0	
Italy, North East Cancer Surveillance Network	2.6	-	2.9	-	
Italy, Parma Province	1.7	-	2.2	-	
Italy, Ragusa Province	2.3	-	2.6	-	
Italy, Reggio Emilia Province	1.4	-	1.8	-	
Italy, Romagna Region	1.6	-	2.1	-	
Italy, Salerno Province	2.3	-	2.8	-	
Italy, Sassari Province	2.5	-	3.1	-	
Italy, Syracuse Province	1.8	-	1.6	-	
Italy, Sondrio	1.8	-	2.4	-	
Italy, Torino	1.8	-	2.4	-	
Italy, Umbria Region	1.1	-	1.2	-	
Italy, Varese Province	1.7	-	2.3	-	
Italy, Veneto Region	2.0	-	2.4	-	

*Important. See note on population page.

Percentage of other and unspecified site (O&U) and unknown age (Unk), all sites (Contd)

	Male		Female		
	O&U	Unk	O&U	Unk	
Europe (contd)					
Latvia	2.6	-	2.0	-	
Lithuania	2.5	-	2.1	-	
Malta	4.0	-	4.3	-	
Norway	2.8	-	3.9	-	
Poland, Cracow	6.4	-	6.0	-	*
Poland, Kielce	4.4	-	4.5	-	
Poland, Warsaw City	3.5	-	3.3	-	
Portugal, Porto	1.7	6.1	1.6	4.8	*
Portugal, South Regional	3.7	-	3.9	-	
Russia, St Petersburg	1.8	-	1.7	-	
Serbia	2.6	0.0	2.6	0.0	
Slovak Republic	2.3	-	2.5	-	
Slovenia	1.3	-	1.6	-	
Spain, Albacete	3.7	0.1	5.2	0.1	
Spain, Asturias	5.5	0.4	6.2	0.9	
Spain, Basque Country	3.8	0.1	4.6	0.1	
Spain, Canary Islands	4.3	0.1	4.3	0.0	
Spain, Cuenca	2.8	-	4.6	-	
Spain, Girona	3.1	0.2	3.7	0.2	
Spain, Granada	3.3	-	3.5	-	
Spain, Murcia	2.8	-	3.4	-	
Spain, Navarra	2.3	-	3.0	-	
Spain, Tarragona	2.7	2.7	3.1	3.3	
Spain, Zaragoza	1.6	0.1	1.8	0.1	
Sweden	3.8	-	5.2	-	
Switzerland, Geneva	1.5	-	1.8	-	
Switzerland, Graubunden and Glarus	2.0	-	2.9	-	
Switzerland, Neuchatel	2.0	-	2.5	-	
Switzerland, St Gall-Appenzell	2.2	-	2.3	-	
Switzerland, Ticino	3.1	-	4.0	-	
Switzerland, Valais	1.9	-	2.1	-	
Switzerland, Vaud	1.7	-	2.0	-	
The Netherlands	4.2	-	4.3	-	
The Netherlands, Eindhoven	3.9	-	4.0	-	
The Netherlands, Maastricht	5.4	-	5.4	-	
UK, East of England Region	3.8	-	4.6	-	
UK, England, Merseyside and Cheshire	3.6	-	3.5	-	
UK, England, North Western	6.2	-	7.3	-	
UK, England, Northern and Yorkshire	4.1	-	5.0	-	
UK, England, Oxford Region	4.9	0.1	5.8	0.1	
UK, England, South and Western Regions	3.2	-	4.1	-	
UK, England, Thames	5.2	-	6.2	-	
UK, England, Trent	4.1	-	5.0	-	
UK, England, West Midlands	5.1	-	5.9	-	
UK, Northern Ireland	3.8	-	4.4	-	
UK, Scotland	3.8	-	4.6	-	
Oceania					
Australia, New South Wales	4.0	0.0	4.6	-	
Australia, Northern Territory	5.7	-	5.6	-	
Australia, Queensland	3.1	-	3.6	-	
Australia, South	3.2	-	4.3	-	
Australia, Tasmania	3.4	-	4.3	-	
Australia, Victoria	3.1	-	3.8	-	
Australia, Western	2.7	-	3.0	-	
Australian Capital Territory	4.1	-	4.0	-	
French Polynesia	4.5	-	4.0	0.2	
New Zealand	3.4	-	4.2	-	
USA, Hawaii	2.0	-	2.0	-	
USA, Hawaii: Chinese	1.0	-	3.1	-	
USA, Hawaii: Filipino	2.2	-	1.6	-	
USA, Hawaii: Hawaiian	4.0	-	2.1	-	
USA, Hawaii: Japanese	1.5	-	1.8	-	
USA, Hawaii: White	1.8	-	2.1	-	

*Important. See note on population page.

Cancer Incidence in Five Continents Volume VIII: Errata

1. The data for Spain, Girona, are for the period 1995–1997 (three years) and not 1994–1997 (four years). As a consequence, the annual population numbers indicated in the population pyramid on page 430 are wrong. The correct numbers are:

Age	Male	Female
0-	13281	12225
5-	13169	12739
10-	14864	14496
15-	19445	18675
20-	20131	19905
25-	19848	19596
30-	21060	20496
35-	20289	19896
40-	18636	17653
45-	16971	16193
50-	14746	13876
55-	11664	11725
60-	13909	14664
65-	13095	14427
70-	11250	12963
75-	7026	9716
80-	4300	6827
85+	2840	5322
Total	256524	261394

The corrected population pyramid can be downloaded at: ***http://www.iacr.com.fr/girona_pop_1995-1997.pdf***.
Please note that this does not affect the incidence rates published in the volume.

2. There were two typing errors at the top of page 88 in the formula giving the crude rate per 100 000:

- The sum of the person-years y_i and the sum of cases d_i should be reversed.
- "5 x 1755/12925220" should be replaced by "10^5 x 1755/12925220".

3. Page 38, table 3.1:

The O&U (Other and Unspecified) category does not include C75. C80 was omitted from this table and should be included in the O&U category.

4. There is a typographical error in Table 4.5 on page 47:

The ICD-O codes for the melanoma category should be 8720-8790, not 8270-8790.

5. There were typographical errors in the Miettinen formula page 72:

$(R_1/R_2)^{1 \pm Z/X}$

$x = (R_1 - R_2) / \sqrt{(S_1^2 + S_2^2)}$

There are typographical errors on page 72, in the right column:

- Line 23: "in the population and / is the" should be replaced by "in the population and λ is the".
- Line 26: "The estimate of f is given by" should be replaced by "The estimate of ϕ is given by".

6. There is a typographical error on page 73, in the left column, line 8, in the formulae:

$\text{Var}(y_1) = \phi\gamma\,(1-p)d_i$

The γ should be replaced by a p, thus:

$\text{Var}(y_1) = \phi p\,(1-p)d_i$

7. There is a typographical error in Table 8.1 on page 87:

In the last column, under row "85+", the figure should be 0.50, not 0.30.

8. It has come to our attention that there is a mistake in the population data for Switzerland, Geneva (1993–1997). The correct numbers are:

Age	Male	Female
0-	11757	11170
5-	10721	10340
10-	10110	9588
15-	10766	10650
20-	12735	13594
25-	15542	16533
30-	17241	17901
35-	15888	16023
40-	14127	15067
45-	14535	15875
50-	13750	14870
55-	11340	11748
60-	9323	10153
65-	7109	8975
70-	5578	7921
75-	3587	5978
80-	2551	5301
85+	1949	5745
Total	188609	207432

As a consequence, the crude, age-standardized and cumulative rates presented in the book for Switzerland, Geneva (1993–1997) are wrong.

Please download the ***http://www.iacr.com.fr/geneva.zip*** file which contains:

1. The corrected pages 448 and 449 as PDF files.
2. The age-specific tables (male and female) as a PDF file.
3. The corrected CI5VIII.POP file to be used with the *CI5VIII* Windows™-based software included on the CD-ROM. Please replace the current file installed on your hard disk with this new one.
4. The corrected person-years at risk as text files (in CSV and PRN formats) to be incorporated into statistical packages.

We apologize for any inconvenience this may have caused.

The Editors

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