

Chapter 12. Morphology of selected diagnostic categories

Table 12.1. Hodgkin lymphomas (lla): numbers of cases by morphology and age

ICD-O-3 code			Hodgkin lymphoma (Ila)			Lymphocyte rich			Mixed cellularity			Lymphocyte depleted			Nodular sclerosis			Nodular lymphocyte predominant			Other and unspecified					
Age group (years)			0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19
AFRICA																										
ALGERIA, 5 registries (1996-2014)																										
BOTSWANA (1999-2007)																										
EGYPT, Gharbiah (1999-2010)																										
FRANCE, Réunion (1990-2011)																										
KENYA, 2 registries (2000-2012)																										
LIBYA, Benghazi (2003-2008)																										
MALI, Bamako (2005-2014)																										
MAURITIUS (2001-2013)																										
MOROCCO, 2 registries (2005-2012)																										
SOUTH AFRICA, paediatric (1998-2012)																										
SOUTH AFRICA, paediatric, Black (1998-2012)																										
SOUTH AFRICA, paediatric, Coloured (1998-2012)																										
SOUTH AFRICA, paediatric, White (1998-2012)																										
TUNISIA, 2 registries (1993-2007)																										
UGANDA, Kyadondo (1996-2013)																										
ZIMBABWE, Harare, African (1995-2013)																										
AMERICA, LATIN AND THE CARIBBEAN																										
ARGENTINA, paediatric (2000-2013)																										
ARGENTINA, 6 registries (1991-2013)																										
BRAZIL, 5 registries (1995-2012)																										
CHILE, paediatric (2007-2011)																										
CHILE, 4 registries (1998-2012)																										
COLOMBIA, 4 registries (1992-2013)																										
COSTA RICA (1993-2012)																										
CUBA (2000-2012)																										
ECUADOR, 5 registries (1993-2013)																										
FRANCE, 3 registries (1990-2012)																										
HONDURAS, Francisco Morazan (2002-2012)																										
JAMAICA, Kingston and St. Andrew (1992-2012)																										
MEXICO, Mexico City, paediatric (1997-2013)																										
PERU, Lima (2010-2012)																										
USA, Puerto Rico (1992-2012)																										
URUGUAY (1993-2012)																										
AMERICA, NORTH																										
CANADA, 9 registries (1992-2013)																										
USA (1998-2012)																										
USA, API (1998-2012)																										
USA, Black (1998-2012)																										
USA, Hispanic White (1998-2012)																										
USA, Native American (1998-2012)																										
USA, White NH (1998-2012)																										
USA, NPCR (1998-2012)																										
USA, SEER 18 (1993-2012)																										
ASIA																										
BAHRAIN (1998-2012)																										
CHINA, 6 registries (1990-2013)																										
CHINA, Hong Kong (1990-2013)																										
INDIA, 7 registries (1990-2013)																										
ISLAMIC REPUBLIC OF IRAN, Golestan (2004-2011)																										
ISRAEL (1990-2012)																										
ISRAEL, Jews (1990-2012)																										
ISRAEL, Non-Jews (1990-2012)																										
JAPAN, 8 registries (1990-2013)																										
JORDAN, Jordanians (2000-2012)																										
REPUBLIC OF KOREA (1999-2012)																										
KUWAIT (1994-2012)																										

API, Asian Pacific Islander; ASR, age-standardized incidence rates (World standard); N, number of cases; NH, Non-Hispanic; NPCR, National Program of Cancer Registries; SEER, Surveillance, Epidemiology and End Results
Dataset presented only if eligible (see Chapter 5)
Please consult registry-specific background information and quality indicators

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Table 12.1. Hodgkin lymphomas (IIa): numbers of cases by morphology and age

ICD-O-3 code	Hodgkin lymphoma (IIa)				Lymphocyte rich				Mixed cellularity				Lymphocyte depleted				Nodular sclerosis				Nodular lymphocyte predominant				Other and unspecified						
	Age group (years)				9651				9652				9653-9655				9663-9665, 9667				9659				9650, 9661, 9662						
	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19			
EUROPE	49	24	19	28	3	1	1	1	0	13	5	6	6	1	0	0	28	14	12	13	2	3	0	2	2	1	0	7			
	37	23	17	21	2	0	2	1	5	6	5	5	0	1	1	0	24	12	8	11	1	0	0	1	5	4	1	3			
	5	15	26	63	0	0	0	2	0	1	1	3	0	0	0	0	6	9	23	0	0	0	4	1	0	8	12	34			
	5	34	29	11	0	1	2	0	0	5	7	4	0	0	0	0	1	5	5	1	0	0	0	4	23	15	6				
	22	72	38	43	0	1	1	2	11	31	13	8	0	0	0	0	2	9	8	15	0	1	0	1	9	30	16	17			
	6	29	49	124	0	0	2	2	1	2	6	13	0	1	2	2	1	9	7	36	1	0	1	2	3	17	31	69			
	7	8	18	32	0	1	0	3	1	1	6	1	1	0	0	0	1	2	7	11	0	0	0	0	3	4	10	18			
	39	107	185	270	1	10	12	13	13	26	26	22	1	4	2	5	17	54	106	184	0	2	10	11	7	11	29	35			
	34	92	154	238	1	9	12	12	13	21	19	18	1	3	2	5	13	47	88	163	0	2	9	11	6	10	24	29			
	5	15	31	32	0	1	0	1	0	5	7	4	0	1	0	0	4	7	18	21	0	0	1	0	1	1	5	6			
	12	30	42	59	0	3	2	2	5	9	7	6	0	2	3	1	1	5	7	19	0	0	4	6	1	11	23	27			
	52	139	166	-	4	11	11	-	26	69	53	-	2	1	1	-	10	29	76	-	0	4	6	-	10	25	19	-			
	49	109	163	238	4	3	9	5	20	46	41	51	1	4	3	4	7	33	78	119	0	3	2	2	17	20	30	57			
	3	14	17	17	1	0	3	4	1	4	3	5	0	2	2	2	4	5	0	4	5	0	0	0	1	6	5	1			
	12	45	149	346	1	2	7	9	2	7	6	27	0	2	1	1	5	10	67	189	0	0	2	3	4	24	66	117	-		
	60	106	276	723	14	15	12	39	30	52	61	124	0	2	3	20	15	32	188	470	1	0	6	8	0	5	6	62	117		
	5	33	95	282	0	0	2	8	5	10	15	28	0	0	0	0	0	19	62	214	0	2	12	15	0	2	4	17	-		
43	98	123	255	4	9	11	15	18	33	29	57	0	1	1	5	3	17	44	98	1	0	1	0	17	38	37	80	-			
6	16	54	119	0	2	4	11	1	2	7	5	0	0	0	0	1	1	11	32	0	0	0	0	4	11	32	71	-			
2	5	24	58	0	0	1	0	0	3	2	6	0	0	0	0	0	0	13	47	0	0	2	1	2	2	6	4	-			
37	88	219	647	4	4	11	42	16	32	37	122	1	2	6	17	5	13	93	310	3	14	31	46	8	23	41	110	-			
3	10	24	90	0	0	2	3	2	3	2	17	0	0	0	0	1	0	6	16	59	0	0	1	2	1	1	3	8			
32	217	843	-	1	3	8	-	5	39	67	-	0	1	2	-	15	105	618	-	9	45	87	-	2	24	61	-	-			
46	168	428	-	3	6	4	-	12	40	63	-	0	1	3	-	18	75	283	-	1	20	26	-	12	26	49	-	-			
9	44	197	434	0	2	4	11	2	7	22	32	0	1	1	3	4	22	139	329	1	6	14	14	2	6	17	45	-			
66	332	1075	-	0	8	20	-	11	29	50	-	0	0	2	-	7	36	164	-	3	20	45	-	45	239	794	-	-			
4	15	81	258	0	0	2	8	1	4	11	32	0	0	0	1	0	6	50	154	0	1	3	8	3	4	15	55	-			
14	82	270	645	0	5	10	21	3	24	39	102	0	0	0	2	2	107	352	3	10	23	27	6	21	88	141	-				
14	57	147	-	0	3	2	-	6	18	40	-	0	0	0	0	8	30	98	-	0	6	4	-	0	0	3	-	-			
23	85	183	-	4	25	22	-	13	30	54	-	1	2	5	-	3	19	86	-	1	4	6	-	1	5	10	-	-			
8	10	28	99	2	1	0	3	3	1	2	6	0	0	0	0	1	37	240	609	0	3	17	34	6	23	59	131	-			
ICELAND (1990-2014)	0	5	3	28	0	0	0	0	2	0	5	0	0	0	0	0	2	2	21	0	0	0	1	0	1	1	1	-			
IRELAND (1994-2012)	3	25	82	220	0	2	7	5	1	8	7	27	0	0	0	1	10	59	152	1	2	3	4	0	3	6	32	11			
ITALY, 2 paediatric registries (1998-2011)	5	21	67	202	1	2	2	4	3	7	12	18	0	0	1	3	0	8	45	154	1	2	3	12	0	2	4	11			
ITALY, Piedmont, paediatric (1990-2011)	6	27	78	-	1	3	3	-	2	12	15	-	0	0	1	-	1	10	53	-	1	1	3	-	1	1	3	-			
ITALY, 26 registries (1992-2013)	20	84	371	888	3	4	19	24	5	14	33	80	0	3	3	10	6	37	240	609	0	3	17	34	6	23	59	131			
LITHUANIA (2000-2012)	8	10	28	99	2	1	0	3	3	1	2	6	0	0	0	0	1	57	24	81	0	0	0	0	2	3	2	9			
MALTA (1994-2013)	2	0	9	19	0	0	2	1	0	0	1	4	0	0	0	0	2	0	6	12	0	0	0	2	0	0	0	0			
THE NETHERLANDS (1993-2013)	16	77	268	761	1	2	6	12	3	14	16	37	0	0	0	5	8	36	188	582	3	17	29	37	1	8	29	88			
NORWAY (1990-2013)	7	28	83	226	0	0	3	6	3	10	7	19	0	0	1	0	3	13	195	156	1	5	13	20	0	0	10	25			
POLAND (2001-2013)	45	120	386	1042	0	5	17	39	11	29	45	92	0	3	3	5	12	33	195	558	1	2	5	8	21	48	121	340			
PORTUGAL (1991-2012)	12	68	184	445	1	3	3	9	2	5	6	13	0	1	0	4	6	38	108	284	1	7	5	12	2	14	62	123			
RUSSIAN FEDERATION, Moscow region, paediatric (2000-2009)	5	9	64	-	1	0	2	-	3	7	18	-	1	0	2	-	0	0	26	-	0	0	0	0	0	2	16	-			
RUSSIAN FEDERATION, 2 registries (1998-2015)	11	14	54	185	3	4	7	23	4	5	16	39	0	0	2	15	1	4	22	88	0	0	0	0	3	1	7	20			
SLOVAKIA (1990-2009)	17	51	114	263	1	3	6	8	5	23	21	39	1	0	3	6	21	69	189	2	1	2	3	2	3	13	21				
SLOVAKIA, paediatric (2000-2012)	9	17	68	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	-	0	0	0	0	9	17	67	-			
SLOVENIA (1991-2012)	5	13	40	104	0	0	0	0	1	8	12	20	0	0	0	1	1	22	73	0	1	3	1	3	2	3	9	-			
SPAIN, 2 paediatric registries (1991-2013)	19	84	222	-	0	6	21	-	4	11	15	-	0	0	0	0	7	30	96	-	1	4	9	-	7	33	81	-			
SPAIN, selected regions, paediatric (2000-2013)	14	69	166	-	0	5	19	-	2	8	7	-	0	0	0	0	5	23	72	-	1	4	5	-	6	29	63	-			
SPAIN, Valencia, paediatric (1991-2010)	5	15	56	-	0	1	2	-	2	3	8	-	0	0	0	2	7	24	-	0	0	4	-	1	4	18	-	-			
SPAIN, 11 registries (1990-2013)	9	54	181	531	1	4	21	21	3	17	14	67	0	2	3	9	3	17	116	360	1	3	9	20	1	11	18	54			
SWEDEN (1990-2011)	7	36	127	363	0	3	9	10	3	6	9	23	0	0	1	0	1	18	72	236	0	2	7	6	3	7	29	88			
SWITZERLAND, paediatric (1990-2013)	11	37	157	-	-	0	3	8	-	6	11	18	-	0	0	1	-	4	16	105	-	1	5	12	-	0	2	13	-		
SWITZERLAND, 7 registries (1990-2013)	7	14	58	162	0	1	3	5	3	2	7	10	0	0	1	2	3	8	36	134	0	1	7	3	1	2	4	8			
UKRAINE (2002-12)	96	125	350	1269	6	1	13	82	34	37	74	247	4	5	5	48	15	33	491	412	0	1	2	37	49	166	478	-			
UNITED KINGDOM (2000-2011)	52	203	618	1479	1	6	32	43	11	37	49	120	0	1	2	6	26	103	409	1016	7	32	68	60	7	24	58	234			
UNITED KINGDOM, England and Wales, paediatric (1991-2010)	79	286	827	-	2	9	49	-	17	59	66	-	0	3	2	-	39	152	537	-	12	38	89	-	9	25	84	-			

API, Asian Pacific Islander; ASR, age-standardized incidence rates (World standard); N, number of cases; NH, Non-Hispanic; NPCR, National Program of Cancer Registries; SEER, Surveillance, Epidemiology and End Results Dataset; presented only if eligible (see Chapter 5)

Table 12.1. Hodgkin lymphomas (IIa): numbers of cases by morphology and age

ICD-O-3 code		Hodgkin lymphoma (IIa)				Lymphocyte rich 9651				Mixed cellularity 9652				Lymphocyte depleted 9653-9655				Nodular sclerosis 9663-9665, 9667				Nodular lymphocyte predominant 9659				Other and unspecified 9650, 9661, 9662					
Age group (years)		0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19		
OCEANIA																															
AUSTRALIA (1992-2014)		18	125	390	1015	3	21	35	38	5	28	34	80	0	1	2	5	4	39	251	729	4	22	39	39	2	14	29	124		
FRANCE, 2 registries (1990-2013)		2	8	7	5	0	1	0	0	0	1	0	0	0	0	0	0	2	1	3	0	1	2	0	1	3	4	2			
NEW ZEALAND (1993-2012)		6	25	51	148	1	4	3	7	1	2	7	13	0	0	2	1	2	8	33	100	1	7	2	13	1	4	4	14		
NEW ZEALAND, Maori (1993-2012)		1	8	5	18	0	0	0	0	0	2	1	2	0	0	0	0	1	1	3	13	0	4	0	1	0	1	1	2		
NEW ZEALAND, Other (1993-2012)		3	14	45	123	1	3	3	5	0	0	6	11	0	0	2	1	0	7	29	84	1	2	2	12	1	2	3	10		
NEW ZEALAND, paediatric (2000-2012)		2	15	35	-	1	3	5	-	0	1	2	-	0	0	0	0	1	5	25	-	0	3	1	-	0	3	2	-		
NEW ZEALAND, paediatric, Non-Maori (2000-2012)		1	10	29	-	1	2	4	-	0	0	1	-	0	0	0	0	0	5	22	-	0	2	1	-	0	1	1	-		

API, Asian Pacific Islander; ASR, age-standardized incidence rates (World standard); N, number of cases; NH, Non-Hispanic; NPCR, National Program of Cancer Registries; SEER, Surveillance, Epidemiology and End Results

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Table 12.2. Thyroid carcinoma (Xlb): numbers of cases by morphology and age

	ICD-O-3 code			Thyroid carcinoma (Xlb)			Papillary carcinoma 8050, 8260, 8340-8344, 8350			Follicular carcinoma 8290, 8330-8333, 8335			Medullary carcinoma 8345-8347, 8510			Anaplastic carcinoma 8020-8021			Other and unspecified						
	Age group (years)																								
	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	0-4	5-9	10-14	15-19	
AFRICA																									
ALGERIA, 5 registries (1996-2014)	1	4	13	33	1	4	9	30	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	2	2
EGYPT, Gharbiah (1999-2010)	0	2	5	32	0	2	4	29	0	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0	0
MOROCCO, 2 registries (2005-2012)	1	3	4	23	0	3	4	23	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
TUNISIA, 2 registries (1993-2007)	1	3	15	47	0	2	15	39	0	1	0	5	0	0	0	2	0	0	0	0	1	0	0	1	1
AMERICA, LATIN AND THE CARIBBEAN																									
ARGENTINA, paediatric (2000-2013)	2	14	17	-	2	13	15	-	0	0	0	-	0	0	0	-	0	0	0	-	0	1	2	-	3
ARGENTINA, 6 registries (1991-2013)	1	3	9	52	1	3	8	45	0	0	1	1	0	0	0	3	0	0	0	0	0	0	0	0	0
BRAZIL, 5 registries (1995-2012)	0	4	26	98	0	2	19	85	0	1	1	8	0	1	4	1	0	0	0	0	0	0	2	4	4
CHILE, paediatric (2007-2011)	3	5	21	-	1	5	17	-	0	0	2	-	2	0	1	-	0	0	0	-	0	0	1	-	-
CHILE, 4 registries (1998-2012)	1	2	6	23	1	2	3	20	0	0	2	2	0	0	1	0	0	0	0	0	0	0	0	1	1
COLOMBIA, 4 registries (1992-2013)	1	3	27	60	1	3	25	57	0	0	1	0	0	2	1	0	0	0	0	0	0	0	0	0	0
COSTA RICA (1993-2012)	2	15	30	91	2	11	23	80	0	4	3	7	0	0	3	3	0	0	0	0	0	0	1	1	1
CUBA (2000-2012)	0	4	45	99	0	4	36	90	0	0	6	8	0	0	1	1	0	0	0	0	0	0	2	0	0
ECUADOR, 5 registries (1993-2013)	0	7	22	64	0	7	20	63	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
HONDURAS, Francisco Morazán (2002-2012)	0	4	2	20	0	3	2	20	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
PERU, Lima (2010-2012)	0	4	8	39	0	4	8	37	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
USA, Puerto Rico (1992-2012)	1	4	41	112	0	2	34	104	0	0	3	8	1	2	4	0	0	0	0	0	0	0	0	0	0
URUGUAY (1993-2012)	1	4	28	57	0	2	23	43	0	2	2	10	0	0	3	2	0	0	0	0	0	0	0	0	2
AMERICA, NORTH																									
CANADA, 9 registries (1992-2013)	10	58	207	873	2	41	176	797	1	3	16	43	6	14	12	25	0	0	0	1	1	0	3	7	7
USA (1998-2012)	72	356	1735	6396	34	256	1424	5617	3	26	185	580	32	69	111	140	0	0	1	1	3	5	14	58	58
USA, API (1998-2012)	2	10	83	294	2	9	72	264	0	1	7	24	0	0	4	6	0	0	0	0	0	0	0	0	0
USA, Black (1998-2012)	4	27	120	348	1	14	79	265	0	6	30	63	2	6	8	12	0	0	0	0	1	1	3	8	8
USA, Hispanic White (1998-2012)	10	72	295	941	5	56	242	849	0	3	30	67	5	12	22	19	0	0	0	0	0	1	1	6	6
USA, Native American (1998-2012)	1	2	13	47	0	1	10	41	0	0	1	4	1	1	2	2	0	0	0	0	0	0	0	0	0
USA, White NH (1998-2012)	51	233	1181	4549	23	172	966	4003	3	15	111	410	23	43	74	93	0	1	1	1	2	3	9	42	42
USA, NPCR (1998-2012)	69	344	1657	6056	32	245	1359	5310	3	26	178	556	31	68	106	134	0	0	1	1	3	5	13	55	55
USA, SEER 18 (1993-2012)	17	115	524	1957	8	87	437	1721	0	7	52	183	9	21	34	40	0	0	1	0	0	0	1	1	13
ASIA																									
CHINA, 6 registries (1990-2013)	3	26	117	409	3	25	97	347	0	0	11	44	0	1	7	7	0	0	0	0	0	0	2	11	11
CHINA, Hong Kong (1990-2013)	3	12	57	173	3	11	40	130	0	0	12	39	0	1	5	3	0	0	0	0	0	0	0	1	1
INDIA, 7 registries (1990-2013)	13	23	65	268	10	16	52	206	2	2	6	25	1	1	3	19	0	0	0	0	0	4	4	18	18
ISRAEL (1990-2012)	1	10	69	243	1	6	59	218	0	0	5	16	0	4	3	9	0	0	0	0	0	0	2	0	0
ISRAEL, Jews (1990-2012)	0	10	56	200	0	6	48	181	0	0	4	10	0	4	3	9	0	0	0	0	0	0	1	0	0
ISRAEL, Non-Jews (1990-2012)	1	0	13	43	1	0	11	37	0	0	1	6	0	0	0	0	0	0	0	0	0	0	1	0	0
JAPAN, 8 registries (1990-2013)	1	11	53	181	0	9	32	152	1	0	8	16	0	0	7	3	0	0	0	0	0	2	6	10	10
JORDAN, Jordanians (2000-2012)	3	2	23	59	3	2	19	55	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	2	2
REPUBLIC OF KOREA (1999-2012)	1	53	283	1382	1	39	223	1196	0	10	47	141	0	4	10	33	0	0	1	2	0	0	2	10	10
LEBANON (2008-2010)	0	1	5	16	0	1	1	16	0	0	2	0	0	0	1	0	0	0	0	0	0	0	1	0	0
PHILIPPINES, 2 registries (1993-2012)	2	10	53	216	1	7	44	179	0	3	6	31	0	0	0	0	0	0	0	0	1	0	3	6	6
SAUDI ARABIA, Riyadh (1994-2012)	0	8	29	134	0	7	27	120	0	1	2	11	0	0	0	3	0	0	0	0	0	0	0	0	0
SAUDI ARABIA, Riyadh, Saudis (1994-2012)	0	7	24	118	0	6	22	105	0	1	2	10	0	0	0	3	0	0	0	0	0	0	0	0	0
SAUDI ARABIA, Riyadh, Non-Saudis (1994-2012)	0	1	5	16	0	1	5	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THAILAND, 6 registries (1993-2013)	6	12	56	144	4	12	44	127	1	0	12	17	0	0	0	0	0	0	0	0	0	0	0	0	0
TURKEY, paediatric (2009-2011)	0	3	27	-	0	3	21	-	0	0	0	0	0	0	2	-	0	0	0	-	0	0	4	-	-
TURKEY, 8 registries (1992-2012)	1	11	71	239	1	11	62	195	0	0	4	28	0	0	5	11	0	0	0	1	0	0	0	4	4
VIET NAM, Ho Chi Minh City (1995-2013)	2	5	26	104	2	5	24	100	0	0	0	1	0	0	1	2	0	0	1	0	0	0	0	1	1
EUROPE																									
AUSTRIA (1990-2012)	1	9	41	136	1	3	27	103	0	0	8	24	0	2	1	5	0	0	0	0	0	4	5	4	4
BELARUS, paediatric (1990-2014)	7	181	647	821	7	173	604	777	0	1	5	15	0	0	7	8	0	0	0	0	0	7	31	21	21
BELGIUM (2004-2013)	0	7	30	84	0	4	15	69	0	0	10	13	0	3	5	1	0	0	0	0	0	0	0	0	0
BULGARIA (1990-2013)	0	5	20	63	0	3	16	56	0	1	2	6	0	1	1	1	0	0	0	0	0	0	1	0	0
CROATIA (2001-2014)	1	3	28	88	1	3	25	79	0	0	3	4	0	0	0	4	0	0	0	0	0	0	0	1	1
CYPRUS, South-West (1998-2012)	0	1	12	40	0	1	8	39	0	0	2	0	0	0	0	2	1	0	0	0	0	0	0	0	0
CZECH REPUBLIC (1990-2012)	2	20	101	244	1	14	77	198	0	2	17	31	1	3	6	9	0	0	0	0	0	1	1	6	6
ESTONIA (1990-2012)	0	1	6	15	0	0	4	10	0	0	1	4	0	1	1	1	0	0	0	0	0	0	0	0	0

API, Asian Pacific Islander; ASR, age-standardized incidence rates (World standard); N, number of cases; NH, Non-Hispanic; NPCR, National Program of Cancer Registries; SEER, Surveillance, Epidemiology and End Results
 Dataset presented only if eligible (see Chapter 5) and contains 20 or more cases of thyroid carcinoma
 Please consult registry-specific background information and quality indicators

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Table 12.2. Thyroid carcinoma (Xlb): numbers of cases by morphology and age

ICD-O-3 code	Thyroid carcinoma (Xlb)					Papillary carcinoma 8050, 8260, 8340-8344, 8350					Follicular carcinoma 8290, 8330-8333, 8335					Medullary carcinoma 8345-8347, 8510					Anaplastic carcinoma 8020-8021					Other and unspecified				
	Age group (years)					0-4					0-4					0-4					0-4					0-4				
	0-4	5-9	10-14	15-19	15-19	0-4	5-9	10-14	15-19	15-19	0-4	5-9	10-14	15-19	15-19	0-4	5-9	10-14	15-19	15-19	0-4	5-9	10-14	15-19	15-19	0-4	5-9	10-14	15-19	15-19
FRANCE, paediatric (2000-2012)	28	68	235	-	-	4	39	180	-	-	0	3	23	-	-	24	26	26	-	-	0	0	0	-	-	0	0	0	6	-
FRANCE, 13 registries (1993-2012)	7	17	62	198	-	1	12	43	159	-	0	4	4	27	-	6	5	15	10	-	0	0	0	0	0	0	0	0	0	2
GERMANY, paediatric (1996-2012)	11	54	172	-	-	1	34	126	-	-	1	6	11	-	-	7	9	16	-	-	0	0	0	-	-	2	5	19	-	-
GERMANY, 6 Eastern states (2001-2007)	2	4	25	85	-	0	2	20	70	-	0	2	2	7	-	2	2	2	7	-	0	0	0	0	0	0	0	0	1	1
GERMANY, 5 Western registries (1994-2012)	1	19	84	263	-	0	8	63	216	-	0	1	9	26	-	0	9	11	14	-	0	0	0	0	0	1	1	1	1	7
HUNGARY, paediatric (1991-2014)	1	10	37	-	-	1	6	26	-	-	0	1	3	-	-	0	3	4	-	-	0	0	0	-	-	0	0	0	4	-
IRELAND (1994-2012)	0	1	9	52	-	0	0	7	41	-	0	0	0	7	-	0	1	2	1	-	0	0	0	0	0	0	0	0	0	3
ITALY, 2 paediatric registries (1998-2011)	1	4	19	69	-	0	1	15	57	-	0	1	2	8	-	1	2	2	4	-	0	0	0	0	0	0	0	0	0	0
ITALY, Piedmont, paediatric (1990-2011)	1	5	22	-	-	0	1	20	-	-	0	1	2	-	-	1	3	0	-	-	0	0	0	-	-	0	0	0	0	-
ITALY, 26 registries (1992-2013)	3	22	92	420	-	1	13	70	374	-	0	0	9	26	-	2	9	10	16	-	0	0	0	0	0	0	0	0	3	4
LITHUANIA (2000-2012)	0	1	9	44	-	0	1	7	35	-	0	0	2	6	-	0	0	0	1	-	0	0	0	0	0	0	0	0	0	1
THE NETHERLANDS (1993-2013)	15	32	58	182	-	1	6	30	129	-	0	2	5	30	-	14	22	22	21	-	0	0	0	0	0	0	2	1	2	2
NORWAY (1990-2013)	0	4	17	69	-	0	1	12	50	-	0	1	1	11	-	0	3	3	7	-	0	0	0	0	0	0	0	0	1	1
POLAND (2001-2013)	10	23	134	452	-	3	12	99	372	-	0	1	11	33	-	2	9	19	38	-	0	1	0	1	0	1	5	0	5	8
PORTUGAL (1991-2012)	3	13	59	188	-	0	10	49	164	-	0	0	2	15	-	3	2	6	9	-	0	0	0	0	0	0	0	1	2	0
RUSSIAN FEDERATION, 2 registries (1998-2015)	1	2	16	47	-	0	2	14	45	-	0	0	2	1	-	1	0	0	0	-	0	0	0	0	0	0	0	0	0	1
SLOVAKIA (1990-2009)	1	7	23	91	-	0	6	16	81	-	1	0	3	4	-	0	1	4	6	-	0	0	0	0	0	0	0	0	0	0
SLOVENIA (1991-2012)	1	1	27	43	-	0	1	22	34	-	0	0	3	4	-	0	0	1	4	-	0	0	0	0	0	0	0	0	1	1
SPAIN, 2 paediatric registries (1991-2013)	7	12	48	-	-	0	3	33	-	-	1	3	8	-	-	6	5	5	-	-	0	0	0	0	0	0	1	2	-	-
SPAIN, selected regions, paediatric (2000-2013)	4	10	22	-	-	0	3	12	-	-	1	2	6	-	-	3	4	2	-	-	0	0	0	-	-	0	0	1	2	-
SPAIN, Valencia, paediatric (1991-2010)	3	2	26	-	-	0	0	21	-	-	0	1	2	-	-	3	1	3	-	-	0	0	0	-	-	0	0	0	0	-
SPAIN, 11 registries (1990-2013)	4	20	65	183	-	1	6	38	138	-	0	1	7	23	-	3	13	20	19	-	0	0	0	0	0	0	0	0	0	3
SWEDEN (1990-2011)	1	19	45	138	-	0	6	26	89	-	0	0	4	14	-	0	13	10	13	-	0	0	0	0	1	1	0	5	21	-
SWITZERLAND, paediatric (1990-2013)	0	4	25	-	-	0	2	18	-	-	0	0	3	-	-	0	2	4	-	-	0	0	0	-	-	0	0	0	0	-
SWITZERLAND, 7 registries (1990-2013)	0	2	10	41	-	0	1	6	31	-	0	0	2	8	-	0	1	1	2	-	0	0	0	0	0	0	0	0	1	0
UKRAINE (2002-2012)	0	16	146	491	-	0	14	114	410	-	0	1	21	48	-	0	0	5	11	-	0	0	0	0	1	0	1	6	21	-
UNITED KINGDOM (2000-2011)	14	28	106	381	-	2	18	73	272	-	0	3	24	83	-	12	7	9	11	-	0	0	0	0	0	0	0	0	0	15
UNITED KINGDOM, England and Wales, paediatric (1991-2010)	16	39	128	-	-	4	25	80	-	-	0	4	24	-	-	12	10	24	-	-	0	0	0	-	-	0	0	0	0	-
OCEANIA																														
AUSTRALIA (1992-2014)	6	26	97	422	-	1	13	64	340	-	0	4	28	57	-	5	9	4	18	-	0	0	0	0	0	0	0	0	1	7
FRANCE, 2 registries (1990-2013)	0	2	6	14	-	0	2	5	11	-	0	0	0	1	-	0	0	0	0	-	0	0	0	0	1	0	0	0	1	1
NEW ZEALAND (1993-2012)	2	4	8	50	-	1	3	5	35	-	0	1	2	10	-	1	0	1	4	-	0	0	0	0	0	0	0	0	0	1
NEW ZEALAND, Other (1993-2012)	1	4	5	35	-	1	3	4	28	-	0	1	0	4	-	0	0	1	3	-	0	0	0	0	0	0	0	0	0	0

API, Asian Pacific Islander; ASR, age-standardized incidence rates (World standard); N, number of cases; NH, Non-Hispanic; NPCR, National Program of Cancer Registries; SEER, Surveillance, Epidemiology and End Results
Dataset presented only if eligible (see Chapter 5) and contains 20 or more cases of thyroid carcinoma
Please consult registry-specific background information and quality indicators

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Table 12.3. Skin carcinomas (Xle): sex ratio and numbers of cases by morphology and age

ICD-O-3 code	Skin carcinoma (Xle)										Squamous cell										Basal cell										Other specified										Unspecified																		
											8050-8053, 8060, 8070-8075, 8078, 8560										8090-8098, 8100-8103, 8110																				8010-8015, 8020-8022, 8030-8035, 8040, 8041																		
	Total (N), sex ratio (M/F) and age group (years)										M/F										M/F										M/F										M/F										M/F								
	N	M/F	0-4	5-9	10-14	15-19	M/F	0-4	5-9	10-14	15-19	M/F	0-4	5-9	10-14	15-19	M/F	0-4	5-9	10-14	15-19	M/F	0-4	5-9	10-14	15-19	M/F	0-4	5-9	10-14	15-19	M/F	0-4	5-9	10-14	15-19																							
AFRICA																																																											
ALGERIA, 5 registries (1996-2014)	27	1.5	3	5	6	13	1.3	0	2	2	5	2.3	1	2	4	6	.	0	0	0	0	0	0.7	2	1	0	2	.	0	0	0	0	0	0	0	2																							
KENYA, 2 registries (2000-2012)	21	0.9	3	6	3	9	1.4	1	4	1	6	.	0	0	0	0	0.0	1	1	1	0	0	0.8	1	1	2	3	.	0	0	0	0	0	0	1	2																							
MOROCCO, 2 registries (2005-2012)	57	1.1	5	10	23	19	3.7	2	5	5	2	0.7	3	5	16	16	.	0	0	1	0	1	1.0	0	1	1	1	.	0	0	0	0	0	0	1	1																							
SOUTH AFRICA, paediatric (1998-2012)	30	2.0	10	8	12	-	1.9	8	6	6	-	2.5	0	2	5	-	0.0	0	0	1	-	-	2	0	0	-	-	.	0	0	0	0	0	0	0	0																							
SOUTH AFRICA, paediatric, Black (1998-2012)	20	1.9	10	4	6	-	1.8	8	4	5	-	.	0	0	0	0	0.0	0	0	1	-	-	2	0	0	-	-	.	0	0	0	0	0	0	0	0																							
TUNISIA, 2 registries (1993-2007)	56	1.1	4	13	16	23	1.6	4	9	6	17	0.6	0	4	10	5	0.0	0	0	0	0	1	.	0	0	0	0	.	0	0	0	0	0	0	0	0																							
AMERICA, LATIN AND THE CARIBBEAN																																																											
ARGENTINA, paediatric (2000-2013)	27	1.7	2	12	13	-	.	0	1	1	-	1.7	0	8	8	-	.	0	1	1	1	-	0.8	2	2	3	-	.	0	0	0	0	0	0	0	0																							
ARGENTINA, 6 registries (1991-2013)	29	1.6	0	3	8	18	0.3	0	0	0	5	2.5	0	3	7	11	.	0	0	0	0	0	2.0	0	0	1	2	.	0	0	0	0	0	0	0	1																							
BRAZIL, 5 registries (1995-2012)	83	0.7	2	10	21	50	0.6	2	4	6	14	0.8	0	5	14	35	1.0	0	1	0	1	0.0	0	0	0	1	0	0	0	0	0	0	0	0	1																								
COSTA RICA (1993-2012)	68	1.3	0	8	21	39	0.6	0	3	4	4	1.4	0	5	17	34	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1																								
CUBA (2000-2012)	127	0.8	14	5	21	87	1.1	6	0	4	23	0.6	6	3	14	59	3.0	2	0	0	2	1.0	0	2	3	3	.	0	0	0	0	0	0	0	0																								
ECUADOR, 5 registries (1993-2013)	46	2.1	2	5	12	27	1.7	0	1	2	5	2.4	2	4	8	20	.	0	0	0	0	0	1.0	0	0	2	2	.	0	0	0	0	0	0	0	1																							
URUGUAY (1993-2012)	31	1.2	1	3	7	20	5.0	0	0	2	4	0.7	1	3	4	14	.	0	0	0	1	1	.	0	0	0	1	.	0	0	0	0	0	0	0	1																							
AMERICA, NORTH																																																											
CANADA, 9 registries (1992-2013)	174	0.9	4	20	44	106	1.6	0	1	5	17	0.8	3	17	35	86	0.3	0	1	4	3	1.0	1	1	0	0	0	0	0	0	0	0	0	0	0	0																							
USA (1998-2012)	115	0.8	5	8	40	62	0.4	2	0	0	11	.	0	0	0	0	0.8	3	8	40	50	0.0	0	0	0	0	1	0	0	0	0	0	0	0	0	1																							
USA, White NH (1998-2012)	73	0.8	4	3	25	41	0.5	2	0	0	4	.	0	0	0	0	0.9	2	3	25	36	0.0	0	0	0	0	1	0	0	0	0	0	0	0	0	1																							
USA, NPCR (1998-2012)	111	0.8	5	8	39	59	0.5	2	0	0	10	.	0	0	0	0	0.8	3	8	39	48	0.0	0	0	0	0	1	0	0	0	0	0	0	0	0	1																							
USA, SEER 18 (1993-2012)	38	0.9	1	2	12	23	1.0	0	0	1	5	.	0	0	0	0	0.9	1	2	11	18	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																						
ASIA																																																											
CHINA, 6 registries (1990-2013)	27	1.1	0	4	10	13	4.0	0	0	1	4	0.6	0	3	3	5	0.8	0	0	0	5	2	3.0	0	1	1	2	.	0	0	0	0	0	0	0	0																							
INDIA, 7 registries (1990-2013)	75	1.5	12	8	30	25	2.0	5	4	14	13	1.3	4	4	7	6	1.0	1	0	2	3	1.0	2	0	7	3	.	0	0	0	0	0	0	0	0	0																							
JORDAN, Jordanians (2000-2012)	25	1.8	3	5	7	10	1.4	2	4	5	6	4.0	1	1	2	1	.	0	0	0	0	2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	1																							
REPUBLIC OF KOREA (1999-2012)	59	0.9	5	13	18	23	1.3	4	1	9	10	0.7	1	9	10	15	5.0	0	2	2	2	0.0	0	1	1	0	0	0	0	0	0	0	0	0	0	0																							
PHILIPPINES, 2 registries (1993-2012)	34	1.0	5	1	10	18	1.6	0	0	2	11	0.3	2	1	4	3	2.0	0	0	0	3	3	1.5	3	0	1	1	0	0	0	0	0	0	0	0	0																							
SAUDI ARABIA, Riyadh (1994-2012)	27	0.6	2	7	8	10	1.3	2	1	0	6	0.3	0	5	7	3	.	0	0	0	0	1	1.0	0	1	1	0	0	0	0	0	0	0	0	0	0																							
SAUDI ARABIA, Riyadh, Saudis (1994-2012)	20	0.5	2	4	7	7	0.8	2	1	0	4	0.2	0	3	6	2	.	0	0	0	0	1	.	0	0	1	0	0	0	0	0	0	0	0	0	0																							
THAILAND, 6 registries (1993-2013)	32	0.8	2	4	7	19	0.7	1	3	5	13	1.0	1	1	2	6	.	0	0	0	0	1	.	0	0	0	0	0	0	0	0	0	0	0	0	0																							
TURKEY, 8 registries (1992-2012)	94	1.0	3	7	26	58	1.3	1	1	13	13	0.9	2	6	13	45	.	0	0	0	0	0	.	0	0	0	0	0	0	0	0	0	0	0	0	0																							
EUROPE																																																											
BELARUS, paediatric (1990-2014)	61	1.2	1	1	17	42	0.8	1	0	2	6	1.3	0	0	15	35	1.0	0	1	0	1	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
BELGIUM (2004-2013)	107	0.6	1	11	33	62	0.5	1	0	4	10	0.7	0	10	28	51	0.5	0	1	1	1	1	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0																						
BULGARIA (1990-2013)	47	1.0	0	3	11	33	1.3	0	1	1	7	0.8	0	2	9	25	.	0	0	0	1	0	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0																						
CZECH REPUBLIC (1990-2012)	131	0.6	2	16	34	79	1.2	0	2	4	5	0.6	2	13	27	72	2.0	0	0	1	2	0.5	0	1	2	0	1	0	0	0	0	0	0	0	0	0																							
FRANCE, paediatric (2000-2012)	34	0.8	2	16	16	.	0.5	1	1	1	-	0.8	1	15	13	-	1.0	0	0	2	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
FRANCE, 13 registries (1993-2012)	20	1.0	2	2	3	13	0.7	2	2	2	9	.	0	0	0	0	4.0	0	0	1	4	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
GERMANY, 6 Eastern states (2001-2007)	28	1.3	0	2	1	25	1.0	0	0	0	4	1.1	0	2	1	18	.	0	0	0	3	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
GERMANY, 5 Western registries (1994-2012)	124	0.8	5	5	24	90	0.6	1	1	1	13	0.8	4	4	23	74	1.0	0	0	0	2	.	0	0	0	0	1	.	0	0	0	0	0	0	0	0																							
IRELAND (1994-2012)	62	0.6	0	1	6	55	1.7	0	0	1	7	0.5	0	0	5	46	.	0	0	1	0	2	.	0	0	0	0	0	0	0	0	0	0	0	0	0																							
ITALY, 26 registries (1992-2013)	167	0.6	5	16	32	114	1.1	2	3	5	7	0.5	3	12	23	103	2.0	0	1	3	2	2.0	0	0	1	2	0	0	0	0	0	0	0	0	0	0																							
THE NETHERLANDS (1990-2009)	35	0.8	2	5	11	17	0.9	2	4	10	15	.	0	0	0	0	0.3	0	1	1	2	.	0	0	0	1	2	0	0	0	0	0	0	0	0	0																							
THE NETHERLANDS (1993-2013)	93	0.7	3	3	19	68	0.6	0	0	4	7	0.5	2	1	6	34	1.0	0	0	0	2	0.9	1	2	9	25	.	0	0	0	0	0	0	0	0	0																							
POLAND (2001-2013)	38	0.8	4	4	7	23	0.8	2	0	3	6	1.0	1	2	2	13	1.0	0	0	0	2	0.4	1	2	2	2	0	0	0	0	0	0	0	0	0	0																							
PORTUGAL (1991-2012)	32	4.3	0	2	2	28	.	0	0	0	21	0.8	0	1	1	7	.	0	0	1	0	0.0	0	1	0	0	0	0	0	0	0	0	0	0	0	0																							
RUSSIAN FEDERATION, 2 registries (1998-2015)	45	1.1	1	1	5	38	.	0	0	0	2	1.0	1	1	5	35	.	0	0	0	1	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
SLOVAKIA (1990-2009)	20	0.8	0	1	7	12	2.0	0	0	0	3	0.8	0	1	6	9	0.0	0	0	1	0	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
SLOVENIA (1991-2012)	20	0.8	0	1	7	12	2.0	0	0	0	3	0.8	0	1	6	9	0.0	0	0	1	0	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
SPAIN, 11 registries (1990-2013)	70	0.5	1	2	18	49	0.8	0	1	2	4	0.5	1	1	16	44	0.0	0	0	0	1	.	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
SWITZERLAND, 7 registries (1990-2013)	26	0.7	0	2	8	16	0.3	0	1	3	0.8	0	2	7	12	.	0	0																																									