IARC MONOGRAPHS

OUTDOOR AIR POLLUTION

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This publication represents the views and expert opinions of an IARC Working Group on the Evaluation of Carcinogenic Risks to Humans, which met in Lyon, 8–15 October 2013

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IARC MONOGRAPHS ON THE EVALUATION OF CARCINOGENIC RISKS TO HUMANS

International Agency for Research on Cancer

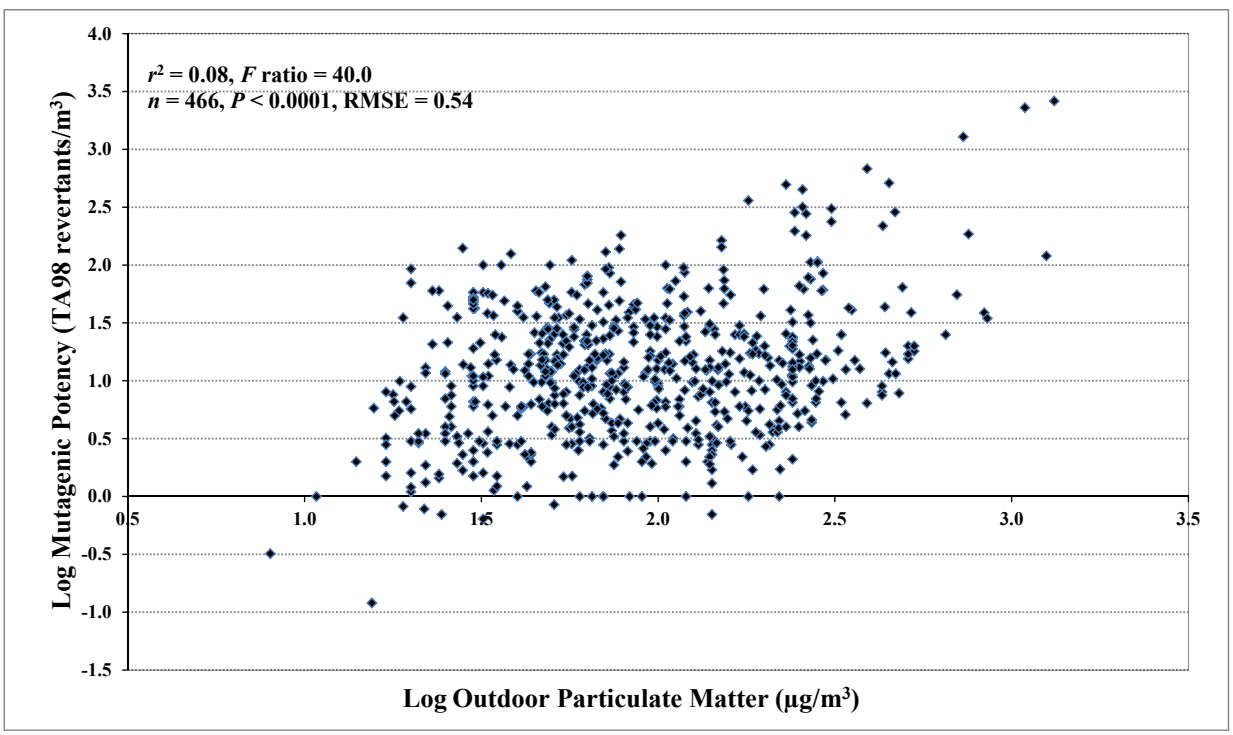
World Health Organization

OUTDOOR AIR POLLUTION

Supplemental Figures to Section 4

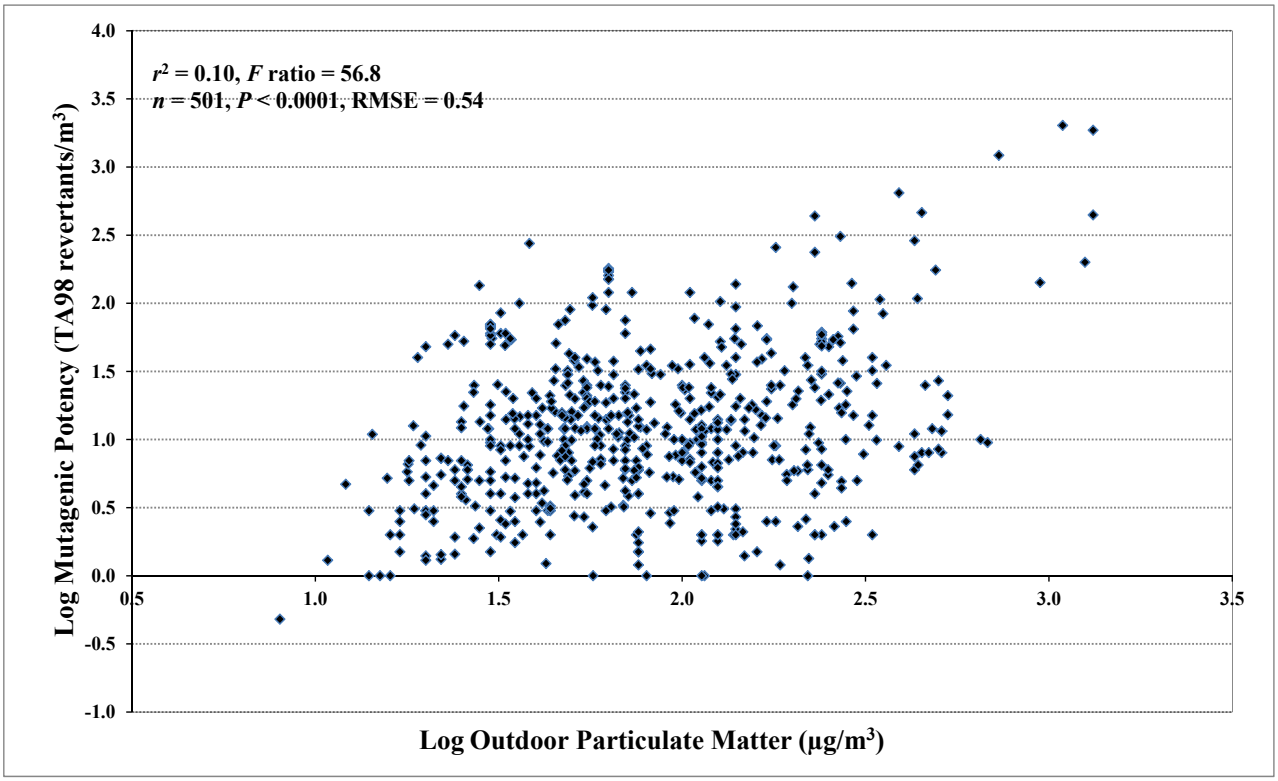
These web figures formed part of the original submission and have been peer reviewed.

Supplemental Figure S1. The empirical relationship between the mutagenic potency of organic extracts of atmospheric particulate matter (PM) in TA98 without exogenous metabolic activation and atmospheric PM level. The data represent observations from 26 countries on 5 continents. All values were log-transformed to equalize the variance over the range of observations.



Compiled by the Working Group.

Supplemental Figure S2. The empirical relationship between the mutagenic potency of organic extracts of atmospheric particulate matter (PM) in TA98 with exogenous metabolic activation and atmospheric PM level. The data represent observations from 26 countries on 5 continents. All values were log-transformed to equalize the variance over the range of observations.



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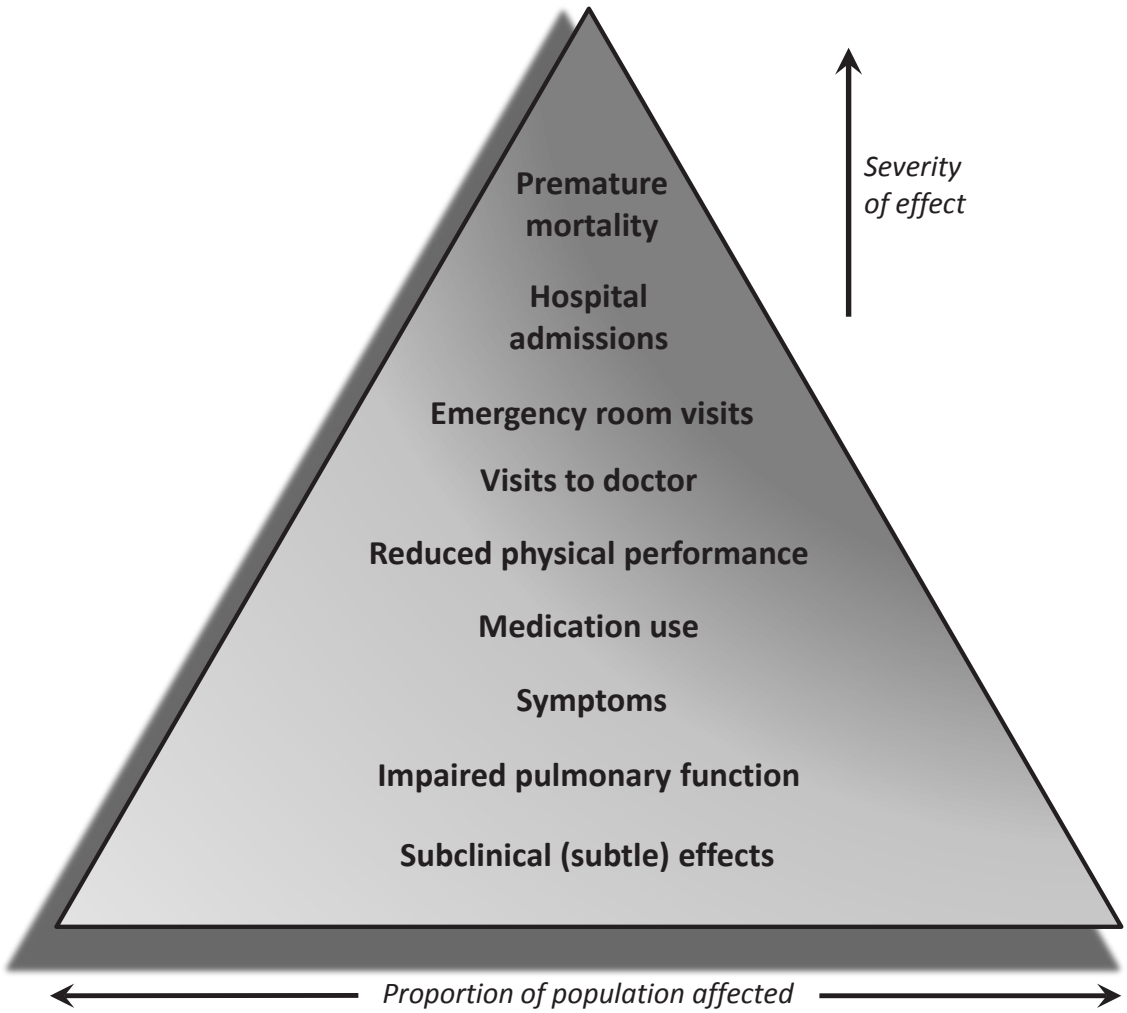
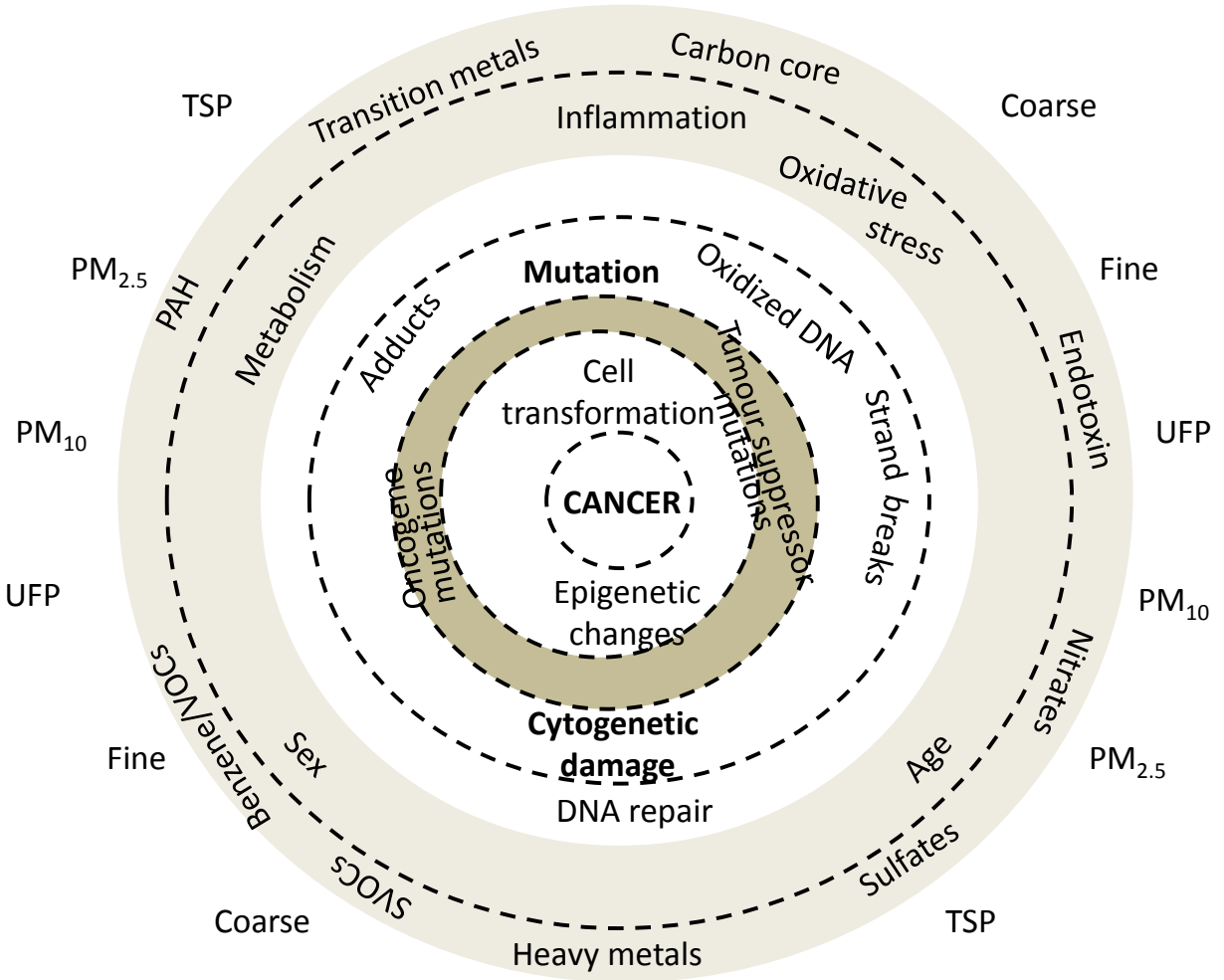
Supplemental Figure S3. Air pollution health effects pyramid



Supplemental Figure S4. Illustrative summary of mechanistic information relating exposure to outdoor air pollution or samples derived from outdoor air pollution to tumour formation



PAH, polycyclic aromatic hydrocarbon; PM_{10}, particulate matter with particles of aerodynamic diameter < 10 μm; $PM_{2.5}$, particulate matter with particles of aerodynamic diameter < 2.5 μm; SVOCs, semivolatile organic compounds; TSP, total suspended particles; UFP, ultrafine particles; VOCs, volatile organic compounds.
Compiled by the Working Group.