New Review of the Traffic and Health Literature

Introduction of Panel Members

Bob O’Keefe, Health Effects Institute
Traffic-Related Air Pollution: A Critical Review of the Literature on Emissions, Exposure, and Health Effects

HEI Panel on the Health Effects of Traffic-Related Air Pollution
A lot of things have changed since 2010...

• Many additional health studies have been published.
• Regulations, vehicle technology advanced significantly, emissions have declined.
• Interest in non-tailpipe emissions of motor vehicles is increasing.
• A better appreciation that, beyond air pollution, many other factors can be associated with traffic exposure – notably noise, stress, others.
• More emphasis on evaluating evidence in a systematic way with transparent and standardized protocols.
Many additional health studies have been published
HEI Review of the Traffic and Health Literature

Charge to the Panel

• To systematically evaluate the evidence for the associations of exposure to traffic-related air pollution with adverse human health outcomes.

• The focus of the systematic review is on evaluating the epidemiologic literature.

• Results will be quantitatively combined, where appropriate
  – to help inform future risk and health impact assessments of traffic-related air pollution.
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<th>Traffic Review Panel Members</th>
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<tr>
<td><strong>Francesco Forastiere, Co-Chair</strong>, Lazio Regional Health Service</td>
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<td><strong>Richard Atkinson</strong>, University of London, UK</td>
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<td><strong>Jeff Brook</strong>, University of Toronto, Canada</td>
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<td><strong>Howard Chang</strong>, Emory University</td>
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<td><strong>Gerard Hoek</strong>, Utrecht University, Netherlands</td>
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<td><strong>Barbara Hoffmann</strong>, University of Düsseldorf, Germany</td>
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*Epidemiology; Exposure; Biostatistics*