

New Review of the Traffic and Health Literature

Introduction of Panel Members

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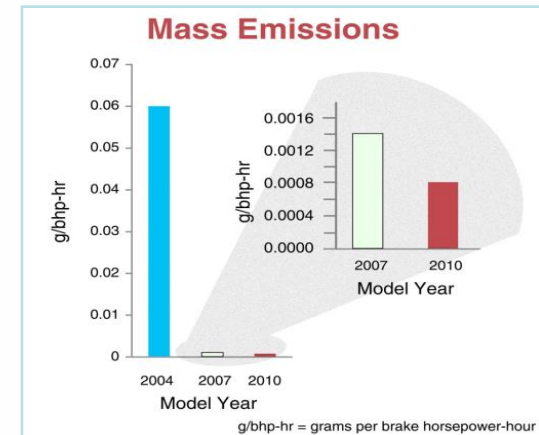
Traffic-Related Air Pollution: A Critical Review of the Literature on Emissions, Exposure, and Health Effects

HEI Panel on the Health Effects
of Traffic-Related Air Pollution

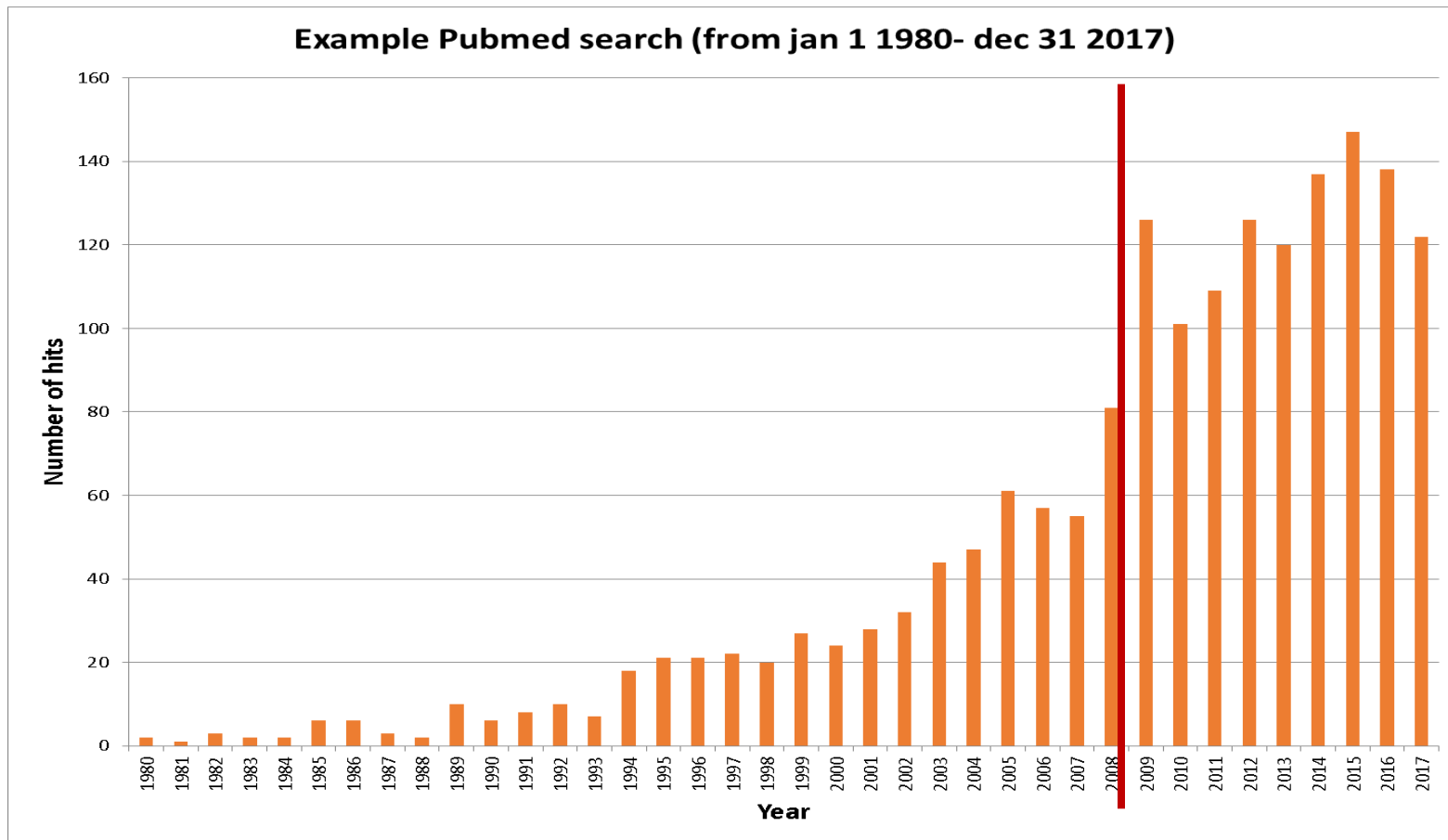


A lot of things have changed since 2010...

- 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.



Traffic Review Panel Members

<u>Francesco Forastiere, Co-Chair,</u> Lazio Regional Health Service	<u>Fred Lurmann, Co-Chair,</u> Sonoma Technology, Inc.
Richard Atkinson, University of London, UK	Audrey Smargiassi, University of Montreal, Canada
Jeff Brook, University of Toronto, Canada	Adam Szpiro, University of Washington
Howard Chang, Emory University	Danielle Vienneau, University of Basel, Switzerland
Gerard Hoek, Utrecht University, Netherlands	Gregory Wellenius, Brown University
Barbara Hoffmann, University of Düsseldorf, Germany	Jennifer Weuve, Boston University