



TRANSPORTATION RESEARCH BOARD

## TRB Snap Search: Transportation & Health

### TRB's involvement in research on Transportation & Health from 2018-2019

The [Transportation Research Board \(TRB\)](#) provides innovative, research-based solutions to improve how we move. TRB is part of the National Academies of Sciences, Engineering, and Medicine, an independent, non-profit institution that provides objective advice on scientific, engineering, and medical issues.

A resource to the nation and to the transportation community worldwide, TRB provides an extensive portfolio of services:

- Opportunities for information exchange on current transportation research and practice
- Management of cooperative research and other research programs
- Analyses of national transportation policy issues and guidance on federal and other research programs
- Publications and access to research information from around the world

### TRB Research

**TRID** – The world's largest and most comprehensive bibliographic source on all modes and disciplines of transportation

- Click here to view [search results](#) on TRB published research Transportation & Health within the past year.

### Specialty Report

- [Critical Issues in Transportation 2018](#)

### Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
  - [Legal Research Digest 34](#) - Airport Public Health Preparedness and Response: Legal Rights, Powers, and Duties
  - [Report 185](#) - Airport Air Quality Management 101
  - [Report 183](#) - User Guides for Noise Modeling of Commercial Space Operations—RUMBLE and PCBoom
  - [Synthesis 88](#) - Airport Community, Water Quality Events, and the Aircraft Drinking Water Rule
  - [Web-Only Document 36](#) - Enhanced AEDT Modeling of Aircraft Arrival and Departure Profiles, Volume 1: Guidance
  - [Web-Only Document 35](#) - State of the Industry Report on Air Quality Emissions from Sustainable Alternative Jet Fuels
  - [WebResource 4](#) - Airport Air Quality Resource Library
- [National Cooperative Highway Research Program \(NCHRP\)](#)
  - [Report 886](#) - Field Evaluation of Reflected Noise from a Single Noise Barrier
  - [Report 882](#) - How Weather Affects the Noise You Hear from Highways
  - [Web-Only Document 246](#) - Volume 1: TRAQS User Guide
  - [Web-Only Document 246](#) - Volume 2: TRAQS: A Combined Interface for Project-Level Air Quality Analysis
- [Transit Cooperative Research Program \(TCRP\)](#)
  - [Report 202](#) - Handbook for Examining the Effects of Non-Emergency Medical Transportation Brokerages on Transportation Coordination

### Current & Upcoming Projects

- [Current Projects](#)
  - [ACRP 02-79](#) - Improving AEDT Modeling for Aircraft Noise Reflection and Diffraction from Terrain and Manmade Structures
  - [ACRP 02-81](#) - Commercial Space Operations Noise and Sonic Boom Measurements
  - [ACRP 02-83](#) - Measuring Quality of Life in Communities Surrounding Airports
  - [ACRP 02-84](#) - High Resolution Spatiotemporal Population Distribution Data and Modeling for Aviation Noise Research Studies
  - [ACRP 04-23](#) - Social Media Guidebook for Emergency Management
  - [ACRP 11-08\(16-03\)](#) - Forum on Airport Roles in Reducing Communicable Diseases Transmission
  - [NCHRP 05-23](#) - Effects of LED Roadway Lighting on Driver Sleep Health and Alertness

- [NCHRP 15-68](#) - Effective Low-Noise Rumble Strips
- [NCHRP 20-112](#) - A Research Roadmap for Transportation and Public Health
- [NCHRP 25-25/Task 104](#) - Streamlining Carbon Monoxide Project-Level Air Quality Analyses with Programmatic Agreements
- [NCHRP 25-25/Task 105](#) - A Guidebook for Communications between Transportation and Public Health Communities
- [NCHRP 25-25/Task 106](#) - National Synthesis of Highway Noise Effects on Historic Properties and Effective Mitigation Practices
- [NCHRP 25-25/Task 108](#) - Creating Lookup Tables to Streamline the Determination of Emission Reductions for CMAQ Projects
- [NCHRP 25-49](#) - Development of a Highway Construction Noise Prediction Model
- [NCHRP 25-55](#) - Assessment of Regulatory Air Pollution Dispersion Models to Quantify the Impacts of Transportation Sector Emissions
- [TCRP B-45](#) - Transportation to Dialysis Centers: Health/Transportation Policy Intersection
- [TCRP F-25](#) - Improving the Safety, Health, and Productivity of Transit Operators Through Adequate Restroom Access
- [TCRP F-26](#) - Improving the Health and Safety of Transit Workers with Corresponding Impacts on the Bottom Line
- [TCRP G-17](#) - Assessing Lifecycle and Human Costs of Bus Operator Workstation Design and Components
- [Upcoming Projects](#)
  - [ACRP 02-88](#) - Techniques for Modifying NextGen Flight Track Design to Reduce Noise Exposure and Annoyance
  - [ACRP 03-49](#) - Effective Collaboration to Plan and Respond to Communicable Disease Threats
  - [ACRP Synthesis 11-03/Topic S06-06](#) - Supporting Employee Well-being through Workforce Programs
  - [NCHRP 25-57](#) - Innovative Mitigation Strategies for Highway Noise

### Reports from the [National Academies Press](#) on Transportation & Health

- [Engaging the Private-Sector Health Care System in Building Capacity to Respond to Threats to the Public's Health and National Security](#)
- [Protecting the Health and Well-Being of Communities in a Changing Climate](#)
- [Examining Challenges and Possible Strategies to Strengthen U.S. Health Security](#)
- [Achieving Rural Health Equity and Well-Being: Proceedings of a Workshop](#)
- [Getting to Zero Alcohol-Impaired Driving Fatalities](#)
- [Examining Challenges and Possible Strategies to Strengthen U.S. Health Security: Proceedings of a Workshop](#)

### Committees & Panels

[Sign-up to be a committee "Friend"](#)

[TRB Standing Committees](#) – Search by transportation mode and committee topic

- [ADC20](#) – Transportation and Air Quality
- [ADD40](#) – Transportation and Sustainability
- [AFK20](#) – Asphalt Binders
- [AT040](#) – Transportation of Hazardous Materials
- [AW040](#) – Marine Safety and Human Factors
- [D20112](#) – Research Roadmap--Public Health and Transportation
- [DA0242](#) – Understanding Air Quality and Public Health Studies Related to Airports
- [TF25](#) – Improving the Health and Safety of the Transit Workforce with
- [TF26](#) – Improving the Health and Safety of Transit Workers with Corresponding

[Task Forces](#) - Search for *task force* under committee here

- [ADD55T](#) – Arterials and Public Health

### Councils

- [A0040T](#) – Young Member Council

### Recent and Upcoming Events

[Upcoming Conferences](#)- Left hand menu “upcoming conferences by topic”  
(*Conferences cosponsored by TRB are denoted with an asterisk.*)

[Lifesavers\\*](#)

March 31-April 2, 2019

Louisville, Kentucky

[6th International Conference on Women's Issues in Transportation \(WIIIT 2019\)](#)

September 10-13, 2019

Irvine, California

[Webinars](#) – View upcoming webinars, suggest a webinar or add registration information

[Past Webinars](#)

- [Understanding Airport Air Quality Management and Public Health](#) - December 12, 2018
- [Airport Response during Communicable Disease Outbreaks](#) - December 11, 2018
- [Establishing a Coordinated Local Family Assistance Program for Airports](#) – September 26, 2018
- [Emergency Preparedness Against Infectious Diseases on Public Transit](#) – August 14, 2018
- [Technology Changes Influencing the Decline of Vehicle Emissions](#) – April 25, 2018
- [Assessing Community Annoyance with Helicopter Noise](#) – March 8, 2018

**TRB's Transportation Research Information Services (TRIS)**

TRIS includes the [TRB Library](#) and the [TRIS Databases](#) (listed below) which are available for free on TRB's website.

**The TRB Library provides information services to TRB staff, sponsors, TRB Committee members and panels and researchers. Access to the TRB Library is a benefit to TRB sponsors and TRB committee members.**

In cooperation with your State DOT Library or Information Service, the TRB Library provides:

- Reference and research assistance
- Literature searches
- Articles for TRB Committee work

**The TRB Library provides training on effective and efficient use of the following TRIS resources:**

**TRID** – The world's largest and most comprehensive bibliographic source on all modes and disciplines of transportation - [trid.trb.org](http://trid.trb.org)

**Practice Ready Papers (PRP) Database** - Papers with information that is ready for immediate implementation or requires minimal additional research or implementation effort - [prp.trb.org](http://prp.trb.org)

**Publications Index (PubsIndex) Database** – The papers, articles and reports published by the Transportation Research Board, Highway Research Board, Strategic Highway Research Programs or the Marine Board - [pubsindex.trb.org](http://pubsindex.trb.org)

**Research in Progress (RiP) Database** – Current or recently completed transportation research projects - [rip.trb.org](http://rip.trb.org)

**Research Needs Statements (RNS)** – Research needs as identified by TRB Technical Activities standing committees - [rns.trb.org](http://rns.trb.org)

**Snap Searches** - Formerly called 'Overview Guides,' Snap Searches provide a succinct summary of activities in TRB on a given topic including: upcoming events such as conferences and webinars; names of Committees working on relevant issues; and a list of recent reports from TRB and The National Academies - [www.trb.org/InformationServices/Snap.aspx](http://www.trb.org/InformationServices/Snap.aspx)

Contact the Library at [TRBLibrary@nas.edu](mailto:TRBLibrary@nas.edu) or (202) 334-2989