



TRANSPORTATION RESEARCH BOARD

## TRB Snap Search: Transportation & Health

### TRB's involvement in research on Transportation & Health from 2017-2018

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.

### Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
  - [Report 181](#) - Assessing Community Annoyance of Helicopter Noise
  - [Report 179](#) - Dispersion Modeling Guidance for Airports Addressing Local Air Quality Health Concerns
  - [Report 173](#) - Use and Potential Impacts of AFFF Containing PFASs at Airports
  - [Synthesis 83](#) - Preparing Airports for Communicable Diseases on Arriving Flights
  - [Web-Only Document 34](#) - Assessing Aircraft Noise Conditions Affecting Student Learning–Case Studies
  - [The Vector-Borne Disease Airport Importation Risk Tool](#)
- [National Cooperative Highway Research Program \(NCHRP\)](#)
  - [Report 842](#) - Mapping Heavy Vehicle Noise Source Heights for Highway Noise Analysis
  - [Synthesis 509](#) - Highway Worker Safety
  - [Web-Only Document 225](#) - Appendices to NCHRP Research Report 842
- [Special Reports](#)
  - [Report 324](#) - Designing Safety Regulations for High-Hazard Industries
- [Transportation Research Record: Journal of the Transportation Research Board](#)
  - [Volume 2671](#) - Social Economic, Sustainability, and Human Factors in Transit
  - [Volume 2627](#) - Air Quality
  - [Volume 2605](#) - Socioeconomics, Sustainability, Health, and Human Factors

### Current & Upcoming Projects

- [Current Projects](#)
  - [ACRP 02-47](#) - Assessing Aircraft Noise Conditions Affecting Student Achievement--Case Studies
  - [ACRP 02-67](#) - Airport Air Quality Management Guidebook and Resource Library
  - [ACRP 02-79](#) - Improving AEDT Modeling for Aircraft Noise Reflection and Diffraction from Terrain and Manmade Structures
  - [ACRP 11-01/Topic 09-01](#) - Airport Public Health Preparedness & Response: Legal Rights, Powers & Duties
  - [ACRP 11-08\(16-03\)](#) - Forum on Airport Roles in Reducing Communicable Diseases Transmission
  - [NCHRP 20-112](#) - A Research Roadmap for Transportation and Public Health
  - [NCHRP 25-25/Task 96](#) - Quick Reference Guide for Traffic Modelers for Generating Traffic and Activity Data for Project-Level Air Quality Analyses
  - [NCHRP 25-44](#) - Field Evaluation of Reflected Noise from a Single Noise Barrier
  - [NCHRP 25-48](#) - Combined Interface for Project Level Air Quality Analysis
  - [NCHRP 25-49](#) - Development of a Highway Construction Noise Prediction Model
  - [TCRP B-45](#) - Transportation to Dialysis Centers: Health/Transportation Policy Intersection

- [TCRP F-26](#) - Improving the Health and Safety of Transit Workers with Corresponding Impacts on the Bottom Line
- [TCRP H-55](#) - Guidebook and Research Plan to Help Communities Improve Transportation to Health Care Services
- [TCRP J-05/Topic 16-03](#) - Public Transit Emergency Preparedness against Ebola and Other Infectious Diseases: Legal Issues
- [Upcoming Projects](#)
  - [ACRP 02-84](#) - High Resolution Spatiotemporal Population Distribution Data and Modeling for Aviation Noise Research Studies
  - [NCHRP 05-23](#) - The Unintended Consequences of LED Roadway Lighting: Effects on Road User Health and Driver Alertness
  - [NCHRP 15-68](#) - Effective Low-Noise Rumble Strips
  - [NCHRP 25-25/Task 104](#) - Streamlining Carbon Monoxide Project-Level Air Quality Analyses with Programmatic Agreements
  - [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

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

- [Improving Motor Carrier Safety Measurement](#)
- [Communities in Action: Pathways to Health Equity](#)
- [Examining Challenges and Possible Strategies to Strengthen U.S. Health Security: Proceedings of a Workshop](#)

### Committees & Panels

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

[Technical Activities Division 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

[Conferences \(co-sponsored by TRB\)](#) - Left hand menu “upcoming conferences by topic”

#### [ACRP Insight Event: Airport Roles in Reducing Transmission of Communicable Diseases](#)

*March 6-7, 2018*

**Washington, DC**

#### [Transport Research Arena 2018\\*](#)

*April 16-19, 2018*

**Vienna, Austria**

#### [Road Safety on Five Continents \(RS5C\)\\*](#)

*May 16-18, 2018*

**Jeju Island, South Korea**

#### [7th International Conference on Innovations in Travel Modeling \(ITM\)](#)

*June 24-27, 2018*

**Atlanta, Georgia**

#### [2018 Annual Conference of the Florida Association of Environmental Professionals \(FAEP\)\\*](#)

*September, 2018*

## Orlando, Florida

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

### **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)

Contact the Library at [TRBLibrary@nas.edu](mailto:TRBLibrary@nas.edu) or 1 (202) 334-2989