



TRANSPORTATION RESEARCH BOARD

## Transportation & Health Overview

### TRB at a Glance

The mission of the Transportation Research Board (TRB) is to provide leadership in transportation innovation and progress through research and information exchange, conducted within a setting that is objective, interdisciplinary, and multimodal.

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.

More info at [www.trb.org](http://www.trb.org)

### 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)

More information about TRIS is available online at: <http://www.trb.org/InformationServices/InformationServices.aspx>  
Contact the Library at [TRBLibrary@nas.edu](mailto:TRBLibrary@nas.edu) or 1 (202) 334-2989

### Events

- Webinars:

View TRB webinars here: <http://www.trb.org/ElectronicSessions/ConferenceRecordings.aspx>

Information continues behind



## Technical Committees

- Standing Committees:
  - Standing Committee on Transportation and Air Quality (ADC20)
  - Standing Committee on Transportation of Hazardous Materials (AT040)
  - Standing Committee on Marine Safety and Human Factors (AW040)
  - NCHRP Project Panel on Research Roadmap--Public Health and Transportation (D20112)
  - ACRP Project Panel on Understanding Air Quality and Public Health Studies Related to Airports (DA0242)
  - TCRP Project Panel on Improving the Health and Safety of the Transit Workforce (TF25)
- Task Force:
  - Task Force on Arterials and Public Health (ADD55T)

To become Friend of any committee visit [MyTRB.org](http://MyTRB.org)

## Cooperative Research Program (CRP)

- Recent Reports
  - ACRP Report, Issue 135 - Understanding Airport Air Quality and Public Health Studies Related to Airports.
  - ACRP Report, Issue 91 - Infectious Disease Mitigation in Airports and on Aircraft.
  - ACRP Report, Issue 5 - Quarantine Facilities for Arriving Air Travelers: Identification of Planning Needs and Costs
  - ACRP Synthesis of Airport Practice, Issue 9 - Effects of Aircraft Noise: Research Update on Selected Topics.
  - Airport Cooperative Research Program CRP-CD-137 - The Vector-Borne Disease Airport Importation Risk Tool.
  - CTBSSP Synthesis of Safety Practice, Issue 19 - Effects of Psychoactive Chemicals on Commercial Driver Health and Performance: Stimulants, Hypnotics, Nutritional, and Other Supplements.
  - CTBSSP Synthesis of Safety Practice, Issue 18 - Older Commercial Drivers: Do They Pose a Safety Risk?.
  - CTBSSP Synthesis of Safety Practice, Issue 15 - Health and Wellness Programs for Commercial Drivers.
  - HMCPRP Report, Issue 7 - Role of Human Factors in Preventing Cargo Tank Truck Rollovers.
  - NCFRP Report, Issue 4 - Representing Freight in Air Quality and Greenhouse Gas Models.
  - NCHRP Report, Issue 769 - A Guide for Public Transportation Pandemic Planning and Response
  - NCHRP Research Results Digest, Issue 393 - Selected Indirect Benefits of State Investment in Public Transportation.
  - NCHRP Research Results Digest, Issue 385 - The Legal Definitions of "First Responder".
  - NCHRP Research Results Digest, Issue 383 - Potential Impacts of Federal Health Care Reform on Public Transit.
  - NCHRP Synthesis of Highway Practice, Issue 451 - Emergency Medical Services Response to Motor Vehicle Crashes in Rural Areas.
  - TCRP Report, Issue 169 - Developing Best-Practice Guidelines for Improving Bus Operator Health and Retention. Part I: A Transit Workplace Health Protection and Promotion Practitioner's Guide, Part II: Final Research Report.
  - TCRP Report, Issue 95 - Traveler Response to Transportation System Changes. Chapter 16 - Pedestrian and Bicycle Facilities.

The National Academies of  
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- TCRP Legal Research Digest, Issue 46 - How the Health Insurance Portability and Accountability Act (HIPAA) and Other Privacy Laws Affect Public Transportation Operations.
- TCRP Legal Research Digest, Issue 34 - Application of Physical Ability Testing to Current Workforce of Transit Employees.
- TCRP Research Results Digest, Issue 109 - Impact of the Affordable Care Act on Non-Emergency Medical Transportation (NEMT): Assessment for Transit Agencies.
- TCRP Research Results Digest, Issue 99 - Improving Mobility for Veterans.
- Transportation Research Board Special Report, Issue 310 - Worker Health and Safety on Offshore Wind Farms.
- Transportation Research Board Conference Proceedings, Issue 47 - Research on the Transmission of Disease in Airports and on Aircraft: Summary of a Symposium
- Transportation Research Board Conference Proceedings, Issue 41 - Interagency–Aviation Industry Collaboration on Planning for Pandemic Outbreaks: Summary of a Workshop.
- Transportation Research Board Conference Proceedings on the Web, Issue 5 - Research on the Health and Wellness of Commercial Truck and Bus Drivers: Summary of an International Conference.
- TRANSIT-IDEA Program Project Final Report - Developing Regional Mobility Management Centers.
- Commercial Motor Vehicle Driver Fatigue, Long-Term Health, and Highway Safety: Research Needs. National Academies of Sciences, Engineering, and Medicine; Federal Motor Carrier Safety Administration; Transportation Research Board
- TR News, Issue 299 - Modeling the Risk of Infectious Disease Spread Through Transport Systems: Emerging Research
- TR News, Issue 299 - Collaborating in Transportation and Health Research: National Academies Program Units Share Expertise.
- TR News, Issue 299 - The Health Impact Project: Fostering Safer, Healthier Communities.
- TR News, Issue 299 - Integrating Health and Transportation in the Rural Context.
- TR News, Issue 299 - Assessing Active Transportation and Health: Conference Highlights Innovative Practices and Research.
- TR News, Issue 299 - Incorporating Health into a Metropolitan Planning Organization’s Technical Process: Innovative Approaches for San Francisco Bay Area Projects.
- TR News, Issue 299 - Measuring the Health Benefits of Walking and Bicycling: Nashville Area Metropolitan Planning Organization Applies the Findings.
- TR News, Issue 299 - Getting Rid of Unwelcome Transit Riders: IDEA Project Develops Device to Halt Airborne Pathogens.
- TR News, Issue 299 - Better Corridors for Healthier Communities: Project Investigates Best Practices.
- TR News, Issue 299 - Introduction: Public Health and Transportation: Innovation, Intervention, and Improvements.
- TR News, Issue 299 - TRB Standing Committee Perspectives: Transportation and Sustainability: Strengthening the Connections with Health.
- TR News, Issue 299 - TRB Standing Committee Perspectives: Traveler Behavior and Values: Establishing Associations with Public and Individual Health.
- TR News, Issue 299 - Halting the Travels of Infectious Disease: Lessons Learned from the Ebola Epidemic.
- TR News, Issue 299 - TRB Standing Committee Perspectives: Introduction: Coordinating Research on Transportation and Health: Cross-Cutting, Multidisciplinary Approach.
- TR News, Issue 299 - Health Impact Assessment: Considering Health in Transportation Decision Making in the United States.
- TR News, Issue 299 - Why Public Health and Transportation: Setting the Stage.
- TR News, Issue 280 - Leveraging the Health Benefits of Active Transportation: Creating an Actionable



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Agenda for Transportation Professionals

- TR News, Issue 272 - TRB Conference Proceedings: Research on the Transmission of Disease in Airports and on Aircraft: Summary of a Symposium
- IOM Workshop Summary - Applying a Health Lens to Decision Making in Non-Health Sectors
- Transportation Research Board; National Academies of Sciences, Engineering, and Medicine (2016) Exploring Data and Metrics of Value at the Intersection of Health Care and Transportation: Proceedings of a Workshop.
- Current research
  - Research Roadmap for Public Health and Transportation. (NCHRP 20-112)
  - Dispersion Modeling Guidance for Airports Addressing Local Air Quality Health Concerns (ACRP 02-58)
  - Airport Public Health Preparedness & Response: Legal Rights, Powers & Duties (ACRP 11-01/Topic 09-01)
  - Health and Human Services (particularly Medicaid) Revenue as Match (NCHRP 20-65/Task 64)
  - Transportation to Dialysis Centers: Health/Transportation Policy Intersection (TCRP B-45)
  - Improving the Safety, Health, and Productivity of Transit Operators Through Adequate Restroom Access (TCRP F-25)
  - Examining the Effects of Separate Non-Emergency Medical Transportation (NEMT) Brokerages on Transportation Coordination (TCRP B-44)
  - Preparing Airports for Communicable Diseases on Arriving Flights. (ACRP Synthesis 11-03/Topic S03-12)
  - Forum on Airport Roles in Reducing Communicable Diseases Transmission (ACRP 11-08(16-03))
  - Public Transit Emergency Preparedness against Ebola and Other Infectious Diseases: Legal Issues (TCRP J-05/Topic 16-03)
  - Airport Community, Water Quality Events, and the Aircraft Drinking Water Rule. (ACRP Synthesis 11-03/Topic S02-16)
- Upcoming projects
  - The Unintended Consequences of LED Roadway Lighting: Effects on Road User Health and Driver Alertness (NCHRP 05-23)
  - Improving the Safety, Health, and Productivity of Transit Operators Through Adequate Restroom Access (TCRP F-25)
  - Improving the Health and Safety of the Transit Workforce with Corresponding Impacts on the Bottom-Line. (TCRP F-26)
  - Guidebook for Integrating Transportation and Health Care Providers. (TCRP H-55)
  - Airport Public Health Preparedness & Response: Legal Rights, Powers & Duties (ACRP 11-01/Topic 09-01)

Panel Member nominations accepted (<http://www.trb.org/TCRP/CRPInfoPanelMembers.aspx>)

**Second Strategic Highway Research Program (SHRP 2)**

- SHRP 2 Project Brief - A National Traffic Incident Management Training Course for Incident Responders and Managers.