TRB Snap Search: Transportation & Health

TRB’s involvement in research on Transportation & Health from 2019-2021

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

All available Snap Searches can be accessed online here: [http://www.trb.org/InformationServices/Snap.aspx](http://www.trb.org/InformationServices/Snap.aspx)

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 on Transportation & Health within the past two years.

Specialty Report

- [Critical Issues in Transportation 2019](#)

Specialty Webpage

- [Transportation in the Face of Communicable Disease](#)

Recent Reports & Publications

- **Airport Cooperative Research Program (ACRP)**
  - Report 221 - Measuring Quality of Life in Communities Surrounding Airports
  - Synthesis 113 - Airport Workforce Programs Supporting Employee Well-Being
  - Web-Only Document 48 - Evaluating the Use of Spatially Precise Diurnal Population Data in Aviation Noise Studies
  - Web-Only Document 47 - Commercial Space Operations Noise and Sonic Boom Measurements
  - Web-Only Document 43 - Improving AEDT Modeling for Aircraft Noise Reflection and Diffraction from Terrain and Manmade Structures

- **Conference Proceedings**
  - Proceedings 55 - Airport Roles in Reducing Transmission of Communicable Diseases

- **National Cooperative Highway Research Program (NCHRP)**
  - NCHRP 25-25/Task 108 - Creating Lookup Tables to Streamline the Determination of Emission Reductions for CMAQ Projects
  - NCHRP 25-25/Task 105 - A Guidebook for Communications between Transportation and Public Health Communities
  - NCHRP 25-25/Task 104 - Streamlining Carbon Monoxide Project-Level Air Quality Analyses with Programmatic Agreements
  - Report 932 - A Research Roadmap for Transportation and Public Health

- **Transit Cooperative Research Program (TCRP)**
  - Report 223 - Guidebook and Research Plan to Help Communities Improve Transportation to Health Care Services

Updated 11/10/2020
- **Report 203** - Dialysis Transportation: Intersection of Transportation and Healthcare

**Transportation Research Circulars**
- **E-Circular 267** - Summary of Transportation Research Needs Related to COVID-19
- **E-Circular 266** - Transportation Asset Management in a COVID-19 World
- **E-Circular 264** - Conference on Health and Active Transportation
- **E-Circular 242** - A Literature Review of Rail Trespassing and Suicide Prevention Research

**Current & Upcoming Projects**

**Current Projects**
- **ACRP 02-89** - A Primer and Framework for Considering an Airport Noise and Operations Monitoring System (NOMS)
- **ACRP 03-49** - Effective Collaboration to Plan and Respond to Communicable Disease Threats
- **BTSCRP BTS-10** - E-Scooter Safety: Issues and Solutions
- **NCHRP 05-23** - Effects of LED Rodway Lighting on Driver Sleep Health and Alertness
- **NCHRP 15-68** - Effective Low-Noise Rumble Strips
- **NCHRP 17-90** - Evaluation of Roadside Crash Injury Metrics in MASH
- **NCHRP 25-55** - Assessment of Regulatory Air Pollution Dispersion Models to Quantify the Impacts of Transportation Sector Emissions
- **NCHRP 25-57** - Breaking Barriers: Alternative Approaches to Avoiding and Reducing Highway Traffic Noise Impacts
- **NCHRP Synthesis 20-05/Topic 51-18** - Practices for Project-Level Analyses for Air Quality
- **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 04-25** - Airports and Pandemics---Reducing the Spread of Communicable Diseases
- **NCHRP 23-13** - Transportation Research Related to COVID-19

**Reports from the National Academies Press on Transportation & Health**
- *Coronavirus Resources Collection*
- *Pandemic Resources*
- *Advancing Urban Sustainability in China and the United States*
- *Health-Focused Public–Private Partnerships in the Urban Context*
- *Implications of the California Wildfires for Health, Communities, and Preparedness*
- *Evidence-Based Practice for Public Health Emergency Preparedness and Response*
- *Investing in Interventions That Address Non-Medical, Health-Related Social Needs*
- *The Intersection of Behavioral Health, Mental Health, and Health Literacy*

**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
Councills
  o  **A001C** – Young Members Coordinating Council

Recent and Upcoming Events

**Upcoming Conferences** - Left hand menu "upcoming conferences by topic"
(Conferences cosponsored by TRB are denoted with an asterisk.)

- **Research Day at ITF Annual Summit - Transport Innovation for Sustainable Development**
  May 26-28, 2021
  Leipzig, Germany

- **2021 Conference on Sustainability and Emerging Transportation Technology**
  June 29 - July 1, 2021
  Irvine, CA

- **24th National Conference on Rural Public and Intercity Bus Transportation**
  October 24-27, 2021
  Charleston, South Carolina

**Webinars** – View upcoming webinars, suggest a webinar or add registration information

**Past Webinars**
  o  Keep on Truckin’–Using Simulators for CDL Testing During COVID-19 – November 6, 2020
  o  What’s Cooler than Cool? Cooler Pavements for Urban Heat Island Mitigation – August 13, 2020
  o  Transportation Asset Management in a COVID-19 World – July 15, 2020
  o  A Research Roadmap for Transportation and Public Health – June 29, 2020
  o  Transportation Experiences and Next Steps in the COVID-19 Pandemic – June 16, 2020
  o  Traffic Trends and Safety in a COVID-19 World – June 2, 2020
  o  How Much will COVID-19 Affect Travel Behavior – June 1, 2020
  o  The Intersection Between Health and Transportation – April 27, 2020
  o  The Supply Chain and COVID-19 – April 8, 2020
  o  Transportation & COVID-19 – Practices From Other Disease Outbreaks – March 23, 2020
  o  Road Safety in Low- and Middle-Income Countries – November 25, 2019
  o  Implications of Technologies for Visually Impaired Pedestrians – September 17, 2019
  o  Understanding Polydrug Use and Its Role in Drug-Impaired Driving – July 1, 2019
  o  Dialysis Transportation: The Intersection of Transportation and Healthcare – May 13, 2019

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

TRIS includes the **TRB Library** and the **TRIS Databases** (listed below) which are available 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:

- **Transportation Research International Documentation (TRID)** – trid.trb.org - The world's largest and most comprehensive bibliographic source on all modes and disciplines of transportation
- **Transportation Research Thesaurus (TRT)** – trt.trb.org - A tool to improve the indexing and retrieval of transportation information.
- **Research in Progress (RiP) Database** – rip.trb.org - Current or recently completed transportation research projects
- **Research Needs Statements (RNS)** – rns.trb.org - Research needs as identified by TRB Technical Activities standing committees
- **Publications Index (PubsIndex) Database** – pubsindex.trb.org - The papers, articles and reports published by the Transportation Research Board, Strategic Highway Research Programs or the Marine Board

Contact or Questions: TRBLibrary@nas.edu