

TRB Snap Search: Transportation & Health/Communicable Diseases

TRB's involvement in research on Transportation & Health/Communicable Diseases from 2021-2024

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>

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/Communicable Diseases within the past two years.

Specialty Report

- [Critical Issues in Transportation for 2024 and Beyond](#)
- [Critical Issues in Transportation 2019](#)
- [COVID-19 Addendum to Critical Issues in Transportation](#)
- [Racial Equity Addendum to Critical Issues in Transportation](#)
- [Proceedings of a Workshop](#) - Exploring Data and Metrics of Value at the Intersection of Health Care and Transportation

Specialty Webpage

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

Milestone Reports

- [E-Circular 239](#) - Arterial Roadways Research Needs and Concerns: Informing the Planning, Design, and Operation of Arterial Roadways Considering Public Health

Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
 - [Impacts on Practice](#) - Establishing Health Protocols During the COVID-19 Pandemic at Laredo International Airport
 - [Legal Research Digest 44](#) - Airports Responding to Public Health Emergencies: Legal Considerations
 - [Proceedings on the Web 28](#) - Introduction to Blockchain and Airport Operations in a COVID-19 Environment
 - [Report 261](#) - Advanced Air Mobility and Community Outreach: A Primer for Successful Stakeholder Engagement
 - [Report 253](#) - Airport Lessons Learned from the COVID-19 Pandemic
 - [Report 241](#) - Toward a Touchless Airport Journey
 - [Report 237](#) - Primer and Framework for Considering an Airport Noise and Operations Monitoring System
 - [Synthesis 129](#) - Landscape of the FBO Industry in 2022
 - [Synthesis 126](#) - Impacts of COVID-19 on Airport Work Models and Strategies
 - [Web-Only Document 57](#) - Developing an Airport Communicable Disease Response Plan: Guide and Template

- [Behavioral Transportation Safety Cooperative Research Program \(BTSCRCP\)](#)
 - [Report 9](#) - E-Scooter Safety Toolbox
- [Consensus Study Reports](#)
 - [Substance Misuse Programs in Commercial Aviation: Safety First](#)
- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [Report 1072](#) - Telecommuting, Remote Work, and Hybrid Schedules: Managing the Shift to a Flexible Work Future
 - [Report 1058](#) - Assessing Air Pollution Dispersion Models for Emissions Regulation
 - [Report 984](#) - Breaking Barriers: Alternative Approaches to Avoiding and Reducing Highway Traffic Noise Impacts
 - [Report 970](#) - Mainstreaming System Resilience Concepts into Transportation Agencies: A Guide
 - [Report 968](#) - LED Roadway Lighting: Impact on Driver Sleep Health and Alertness
 - [Report 963](#) - A Pandemic Playbook for Transportation Agencies (Also TCRP Report 225)
 - [Synthesis 576](#) - Practices for Project-Level Analyses for Air Quality
 - [Web-Only Document 349](#) - Virtual Public Involvement: Lessons from the COVID-19 Pandemic
- [Special Reports](#)
 - [Report 336](#) - Options for Reducing Lead Emissions from Piston-Engine Aircraft
- [Transit Cooperative Research Program \(TCRP\)](#)
 - [Report 245](#) - Mental Health, Wellness, and Resilience for Transit System Workers
 - [Report 243](#) - Transportation for People with Disabilities and Older Adults During COVID-19: Lessons for Emergency Response
 - [TCRP 241](#) - Inclusive Virtual Public Involvement for Public Transit
 - [Report 236](#) - Racial Equity, Black America, and Public Transportation, Volume 1: A Review of Economic, Health, and Social Impacts
 - [Report 225](#) - A Pandemic Playbook for Transportation Agencies (Also NCHRP Report 963)
 - [Report 223](#) - Guidebook and Research Plan to Help Communities Improve Transportation to Health Care Services
 - [Synthesis 169](#) - Pedestrian and Bicycle Safety in Bus Rapid Transit and High-Priority Bus Corridors
 - [Synthesis 167](#) - Partnerships for Equitable Pandemic Response and Recovery
 - [Transportation Insights 2](#) - Air Quality in Buses
- [Transportation Research Circulars](#)
 - [E-Circular 285](#) - Workshop on Building More Resilient Supply Chains
 - [E-Circular 275](#) - Measuring and Managing Freight System Resilience Workshop, April 6-8, 2021

Completed/Pending Publication

- [ACRP 11-02/Task 44](#) - Developing an Airport Communicable Disease Response Plan Template
- [ACRP 11-02/Task 41](#) - Toward a Touchless Airport Journey
- [NCHRP 23-13\(05\)](#) - Regulatory Relief of Commercial Vehicle Weight Requirements for Emergency Transportation of Critical Commodities
- [NCHRP 20-06/Topic 26-04](#) - Pandemics and Contractual Issues
- [NCHRP 15-68\(01\)](#) - Effective Low-Noise Rumble Strips
- [TCRP E-13](#) - COVID-19 and Transit Air Quality Protections (Insight Event)
- [TCRP J-11/Task 42](#) - Transportation for People with Disabilities and Older Adults during COVID-19: Lessons for Emergency Response

Current & Upcoming Projects

Current Projects

- [ACRP 02-94](#) - Update ACRP WebResource 4: Airport Air Quality Resource Library
- [ACRP 02-95](#) - Understanding Airport Air Quality and Public Health Studies Related to Airports: An Update to ACRP Report 135
- [ACRP 03-60](#) - Incorporating Shock Events into Aviation Demand Forecasting and Airport Planning
- [ACRP 04-25](#) - Airports and Communicable Diseases—Preparedness and Response

- [BTSCR P BTS-21](#) - Assessing and Mitigating Racial Disparities in the Enforcement of Pedestrian, Bicycle, and Micromobility Traffic-Related Laws
- [NCHRP 08-149](#) - Estimating Benefits of Closing Gaps in Active Transportation Networks
- [NCHRP 08-159](#) - How to Assess and Address Equity of Access to Essential Goods and Services
- [NCHRP 08-172](#) - Benefit Analysis of Private Health Sector Investments in Non-Emergency Medical Transportation
- [NCHRP 17-101](#) - Applying the Safe System Approach to Transportation Planning, Design, and Operations in the United States
- [NCHRP 19-19](#) - Sustaining Zero-Fare Public Transit in a Post COVID-19 World: A Guide for State DOTs
- [NCHRP 20-06/Topic 27-03](#) - Environmental and Planning Law and Transportation
- [NCHRP 23-13](#) - Transportation Research Related to COVID-19
- [NCHRP 23-13\(04\)](#) - Scoping Supply Chain Challenges and Solutions amid COVID-19
- [NCHRP 23-13\(06\)](#) - Assessing the Equity and Workforce Mobility Implications of the Expansion of E-commerce and Direct-to-Consumer Delivery Services
- [NCHRP 25-66](#) - Reviewing the REMEL Noise Database to Accommodate the Current Vehicle Fleet
- [NCHRP IDEA 20-30/IDEA 247](#) - Augmenting the Hearing of Safety-Critical Sounds for Highway Workers using Artificial Intelligence
- [TCRP F-29](#) - Mental Health, Wellness, and Resilience for Transit System Workers
- [TCRP F-30](#) - Guide for Protecting Transportation Employees and the Traveling Public from Airborne Diseases
- [TCRP G-17](#) - Assessing Lifecycle and Human Costs of Bus Operator Workstation Design and Components
- [TCRP H-60](#) - Lessons Learned from Covid-19: Strategies to Enhance Racial and Social Equity Through Public Transportation As A Community Lifeline
- [TCRP Synthesis J-07/Topic SA-62](#) - Planning and Operations Initiatives to Support Nighttime Off-Peak Transit Ridership
- [TCRP J-11/Task 43](#) - Analysis of Public Transportation Health Impacts and Benefits
- [TCRP J-11/Task 45](#) - Future of Commuter Rail in North America
- [TCRP Synthesis J-07/Topic SA-54](#) - Pedestrian and Bicycle Safety in Bus/BRT Corridors
- [TCRP Synthesis J-07/Topic SH-24](#) - Impacts of Fentanyl and Substance Use on Transit

Upcoming Projects

- [ACRP 02-88](#) - Techniques for Modifying NextGen Flight Track Design to Reduce Noise Exposure and Annoyance
- [TCRP J-11/Task 49](#) - New Transit Service Delivery to Drive Ridership Growth
- [NCHRP 07-35](#) - Improving Crash Data for Active Transportation Users
- [NCHRP 08-166](#) - Racial and Socioeconomic Inequities in Active Transportation Safety
- [NCHRP 17-114](#) - Integrated Strategies for Managing Excessive Travel Speed to Improve Safety Performance
- [NCHRP 23-13\(03\)](#) - Guide on Truck Rest and Service Areas for Critical Supply Chain Delivery
- [NCHRP 23-34](#) - Performance Measures for Community-Centered Transportation Outcomes: A Guide
- [TCRP D-22](#) - A Frog Design Primer and Research Roadmap
- [TCRP E-15](#) - Air Quality Inside Buses

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

- [Health and Medicine](#)
- [Coronavirus Resources Collection](#)
- [Pandemic Resources](#)
- [Evidence Review of the Adverse Effects of COVID-19 Vaccination and Intramuscular Vaccine Administration](#)
- [Toward a Common Research Agenda in Infection-Associated Chronic Illnesses: Proceedings of a Workshop](#)
- [Future State of Smallpox Medical Countermeasures](#)
- [Social Media and Adolescent Health](#)
- [Valuing America's Health: Aligning Financing to Reward Better Health and Well-Being](#)
- [National Plan for Health Workforce Well-Being](#)
- [Exploring Diversity, Equity, Inclusion, and Health Equity Commitments and Approaches by Health Organization C-Suites](#)
- [Population Health Science in the United States: Trends, Evidence, and Implications for Policy](#)
- [Community Power in Population Health Improvement](#)
- [Communities, Climate Change, and Health Equity](#)
- [Reorienting Health Care and Business Sector Investment Priorities Toward Health and Well-Being](#)
- [Civic Engagement and Civic Infrastructure to Advance Health Equity](#)
- [U.S. Health Care Expenditures: Costs, Lessons, and Opportunities](#)
- [Harnessing the Value of Co-Creating and Stewarding Places for Health, Equity, and Well-Being](#)
- [Models for Population Health Improvement by Health Care Systems and Partners](#)

- [Exploring Disaster Human Services for Children and Youth](#)
- [Implementing High-Quality Primary Care](#)
- [Population Health in Rural America in 2020](#)
- [The Critical Public Health Value of Vaccines- Tackling Issues of Access and Hesitancy](#)

Committees & Panels

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

TRB Standing Committees – Search by transportation mode and committee topic

- [AME10](#) - Equity in Transportation
- [AME70](#) - Transportation and Public Health
- [AMS10](#) - Air Quality and Greenhouse Gas Mitigation
- [AT040](#) – Transportation of Hazardous Materials
- [AW040](#) – Marine Safety and Human Factors

Task Forces - Search for *task force* under committee here

Project Panels – Search for *CRP Panel* and *Synthesis Panel* under Committee Type here

- [D08159](#) - Understand How Accessibility to Employment, Health Care, Education, and Other Vital Needs Varies for Different Population Groups in Different Settings, and Methods for Effectively Assessing Mobility and Accessibility Needs
- [D08172](#) - Benefit Analysis of Private Health Sector Investments in Public/Human Transportation
- [D20112](#) - Research Roadmap--Public Health and Transportation
- [DA0295](#) - Update ACRP Report 135: Understanding Airport Air Quality and Public Health Studies Related to Airports
- [DB021](#) - Equity in Pedestrian and Bicyclist Mobility, Safety, and Health: The Impact of Racial Bias
- [TF25](#) – Improving the Health and Safety of the Transit Workforce with Corresponding Impacts on the Bottom Line
- [TF29](#) – Mental Health, Wellness, and Resilience for Transit System Workers
- [TF30](#) - Guide for Protecting Transportation Employees and the Traveling Public from Airborne Diseases
- [TF32](#) - Culture Reform: Psychological Health and Safety at the Workplace – The Missing Elements of Successful Workforce Retention and Recruitment in Transit
- [TJ1143](#) - Analysis of Public Transportation Health Impacts and Benefits

Councils

- [A001C](#) – Young Members Coordinating Council

Recent and Upcoming Events

[Upcoming Events](#) – In the Upcoming Events tab under Types, choose what event you are interested in, search titles by keyword

[Data, Metrics, and Analytic Methods for Assessing Equity Impacts of Surface Transportation Investments: Phase 2 Study to Support State and Local Decision Making Meeting #3 \(Part 2\)](#)

April 10, 2024

[TRB Webinar: Airport Lessons Learned from the COVID-19 Pandemic](#)

April 16, 2024

[TRB's International Conference on Women and Gender in Transportation](#)

September 9-11, 2024

Irvine, CA

[Past Events](#) - In the Past Events tab under Types, choose what event you are interested in, search titles by keyword

[National Aviation System Planning Symposium](#)

May 15-18, 2023

Irvine, CA

[Innovations in Travel Analysis and Planning Conference](#)

June 4-6, 2023

Indianapolis, IN

[Marine Transportation System Innovative Science and Technologies Toward Greater Sustainability](#)

June 19-22, 2023

Washington, D.C.

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
- **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