

TRB TRANSPORTATION RESEARCH BOARD

TRB Snap Search: TRB's Involvement in Research on Communicable Diseases and Public Health from 2012-2022

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 Communicable Diseases within the past 10 years.

Research Needs Statements

- [Specific to Transportation and Pandemics](#)

Specialty Reports

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

Specialty Webpage

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

Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
 - [Legal Research Digest 34](#) - Airport Public Health Preparedness and Response: Legal Rights, Powers, and Duties
 - [Report 233](#) - Airport Biometrics: A Primer
 - [Report 135](#) - Understanding Airport Air Quality and Public Health Studies Related to Airports
 - [Report 91](#) - Infectious Disease Mitigation in Airports and on Aircraft
 - [Synthesis 99](#) - Emergency Working Groups at Airports
 - [Synthesis 88](#) - Airport Community, Water Quality Events, and the Aircraft Drinking Water Rule
 - [Synthesis 83](#) - Preparing Airports for Communicable Diseases on Arriving Flights
 - [CRP-CD-137](#) - The Vector-Borne Disease Airport Importation Risk Tool
 - [WebResource 8](#) - Integrating Social Media with Emergency Management at Airports
- [Conference Proceedings](#)
 - [Proceedings 55](#) - Airport Roles in Reducing Transmission of Communicable Diseases
 - [Proceedings 47](#) - Research on the Transmission of Disease in Airports and on Aircraft
 - [Proceedings on the Web 28](#) - Introduction to Blockchain and Airport Operations in a COVID-19 Environment
 - [Proceedings on the Web 27](#) - Flight Plan to Recovery: Preparing Airports for the Return of the Traveling Public
- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [NCHRP 25-25/Task 105](#) - A Guidebook for Communications between Transportation and Public Health Communities

- [Report 970](#) - Mainstreaming System Resilience Concepts into Transportation Agencies: A Guide
- [Report 963](#) - A Pandemic Playbook for Transportation Agencies (Also TCRP Report 225)
- [Report 932](#) - A Research Roadmap for Transportation and Public Health
- [Report 769](#) - A Guide for Public Transportation Pandemic Planning and Response
- [Research Results Digest 393](#) - Selected Indirect Benefits of State Investment in Public Transportation
- [Research Results Digest 385](#) - The Legal Definitions of “First Responder”
- [Research Results Digest 383](#) - Potential Impacts of Federal Health Care Reform on Public Transit
- [Special Reports / Consensus Studies](#)
 - [Report 337](#) - The Role of Transit, Shared Modes, and Public Policy in the New Mobility Landscape
- [Strategic Highway Research Program \(SHRP 2\)](#)
 - [Project Brief](#) - A National Traffic Incident Management Training Course for Incident Responders and Managers
- [Transit Cooperative Research Program \(TCRP\)](#)
 - [Legal Research Digest 50](#) - Public Transit Emergency Preparedness Against Ebola and Other Infectious Diseases: Legal Issues
 - [Report 231](#) - Recent Decline in Public Transportation Ridership: Analysis, Causes, and Responses
 - [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
- [Transportation Research E-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
- [Transportation Research Record \(TRR\)](#)
 - [Open Access Articles](#) - Transportation and Pandemics

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 03-49](#) - Effective Collaboration to Plan and Respond to Communicable Disease Threats
 - [ACRP 03-60](#) - Incorporating Shock Events into Aviation Demand Forecasting and Airport Planning
 - [ACRP 04-25](#) - Airports and Communicable Diseases—Preparedness and Response
 - [ACRP 11-02/Task 40](#) - Quick Response: Airport Organizational Redesign
 - [ACRP 11-02/Task 41](#) - Toward a Touchless Airport Journey
 - [NCHRP 08-142](#) - Virtual Public Involvement: A Manual for Effective, Equitable, and Efficient Practices for Transportation Agencies
 - [TCRP Synthesis J-07/Topic SA-54](#) - Pedestrian and Bicycle Safety in Bus/BRT Corridors
 - [TCRP Synthesis J-07/Topic SH-23](#) - Partnerships for Equitable Pandemic Response and Recovery
- [Upcoming Projects](#)
 - [ACRP 01-52](#) - Championing the Airport System--Challenges the Paradigm
 - [ACRP 03-68](#) - Integrated Contingency Planning for Small and Non-Hub Airports
 - [ACRP 11-01/Topic 14-01](#) - Legal Considerations for Airports Responding to Pandemics
 - [NCHRP 08-151](#) - Building Risk-Management Momentum in Agencies
 - [NCHRP 08-154](#) - Guidance for Agencies to Incorporate Uncertainty into Long-Range Transportation Planning
 - [NCHRP 17-101](#) - Safe Systems in the U.S. – Developing a Roadmap for Transportation Road Designers, Planners, and Engineers
 - [NCHRP 19-19](#) - Sustaining a Zero Fare Public Transportation Program in a Post COVID-19 World
 - [NCHRP 20-06/Topic 26-04](#) - Pandemics and Contractual Issues
 - [NCHRP 20-102\(16\)](#) - Impacts of Connected, Automated Vehicle Technologies on Traffic Incident Management Response
 - [NCHRP 23-13](#) - Transportation Research Related to COVID-19
 - [NCHRP 23-13\(01\)](#) - Telecommuting, Remote Work, and Hybrid Schedules: Managing the Shift to a Flexible Work Future
 - [NCHRP 23-13\(02\)](#) - Employee Safety during COVID-19
 - [NCHRP 23-13\(03\)](#) - Guidance for State DOTs on Truck Rest and Service Areas for Critical Supply Chain Delivery
 - [NCHRP 23-13\(04\)](#) - Scoping Supply Chain Challenges and Solutions amid COVID-19

- [NCHRP 23-13\(05\)](#) - Regulatory Relief of Commercial Vehicle Weight Requirements for Emergency Transportation of Critical Commodities
- [NCHRP 23-13\(06\)](#) - Assessing the Equity and Workforce Mobility Implications of the Expansion of E-commerce and Direct-to-Consumer Delivery Services
- [TCRP A-47](#) - Transit Capacity and Quality of Service Manual, 4th Edition
- [TCRP C-25](#) - Bus Operator Barrier Design
- [TCRP E-13](#) - COVID-19 and Transit Air Quality Protections (Insight Event)
- [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 H-60](#) - Lessons Learned from Covid-19: Strategies to Enhance Racial and Social Equity Through Public Transportation As A Community Lifeline
- [TCRP J-11/Task 42](#) - Transportation Services for People With Disabilities and Older Adults during a Pandemic and Other Emergencies: Lessons Learned during the Covid-19 Pandemic
- [TCRP J-11/Task 43](#) - Analysis of Public Transportation Health Impacts and Benefits

Reports from the [National Academies Press](#) on Communicable Diseases

- [Coronavirus Resources Collection](#)
- [Pandemic Resources](#)

Committees & Panels

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

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

- [AME70](#) - Transportation and Public Health
- [AMR10](#) - Critical Transportation Infrastructure Protection
- [AMR20](#) - Disaster Response, Emergency Evacuations, and Business Continuity
- [AMS10](#) – Air Quality and Greenhouse Gas Mitigation
- [AT040](#) – Transportation of Hazardous Materials
- [AV090](#) - Aviation Security and Emergency Management
- [AW040](#) – Marine Safety and Human Factors

Project Panels

- [D03121](#) - Transit, Freight, and Emergency Services Integration in Integrated Corridor Management Using SHRP2 Business Process Tools
- [D08107](#) - A Guidebook for Emergency Contracting Procedures
- [D20112](#) – Research Roadmap--Public Health and Transportation
- [D20116](#) - Emergency Management in State Transportation Agencies
- [D20128](#) - Organizational and Operational Models used by State DOTs for Emergency Response
- [D205936](#) - Catastrophic Transportation Emergency Management Guidebook
- [DA0349](#) - Effective Collaboration to Plan and Respond to Communicable Disease Threats
- [DA0423](#) – Social Media Guidebook for Emergency Management
- [DA0425](#) - Airports and Pandemics---Reducing the Spread of Communicable Diseases
- [SAS0424](#) - Practices in Airport Emergency Plans
- [STSH23](#) - Partnerships for Equitable Pandemic Response and Recovery
- [TA36](#) - Command-Level Decision Making for Transit Emergency Managers
- [TJ1142](#) - Transportation Services for People With Disabilities and Older Adults during a Pandemic and Other Emergencies: Lessons Learned during the Covid-19 Pandemic

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

Councils

- [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.*)

[Conference on Sustainability and Emerging Transportation Technology](#)

March 15-18, 2022

Irvine, CA

[18th Biennial National Harbor Safety Committee Conference](#)

June 13-15, 2022

Boston, MA

[TRANSED: Mobility, Accessibility, and Demand Response Transportation Conference](#)

September 12-16, 2022

Online

[TRB Conference on Scenario Planning in Transportation](#)

September 19-21, 2022

Washington, D.C.

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

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

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