TRB Snap Search: TRB’s Involvement in Research on Communicable Diseases and Public Health from 2011-2021

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 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](#)

**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 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

- [National Cooperative Highway Research Program (NCHRP)](#)
  - [NCHRP 25-25/Task 105](#) - A Guidebook for Communications between Transportation and Public Health Communities
  - [Report 963](#) - A Pandemic Playbook for Transportation Agencies (Also TCRP Report 225)
  - [Report 932](#) - A Research Roadmap for Transportation and Public Health
  - [Report 769](#) - Preparing Airports for Communicable Diseases in Response to Arriving Flights
  - [Research Results Digest 393](#) - Selected Indirect Benefits of State Investment in Public Transportation

Updated 06/09/2021
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 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 03-49 - Effective Collaboration to Plan and Respond to Communicable Disease Threats
ACRP 11-02/Task 41 - Toward a Touchless Airport Journey

Upcoming 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
ACRP 11-02/Task 40 - Quick Response: Airport Organizational Redesign
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 20-102(16) - Impacts of Connected, Automated Vehicle Technologies on Traffic Incident Management Response
NCHRP 23-13 - Transportation Research Related to COVID-19
ACRP 23-13(01) - Effective Tools and Practices for Measuring Telecommuting Employee Performance
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) - Relaxation of Truck Weight Restrictions for Emergency Deliveries
NCHRP 23-13(06) - Analyzing the Shifts from Brick and Mortar Businesses to Home Delivery
TCRP E-13 - COVID-19 and Transit Air Quality Protections (Insight Event)
TCRP H-60 - Addressing Disproportionate Share of Health, Economic, and Transportation Impacts for Lower-Income Households and Communities of Color
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

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
ABR00 - Transportation Systems Resilience
ADC20 – Transportation and Air Quality
- ADD40 – Transportation and Sustainability
- AMR10 - Critical Transportation Infrastructure Protection
- AMR20 - Disaster Response, Emergency Evacuations, and Business Continuity
- AT040 – Transportation of Hazardous Materials
- AV090 – Aviation Security and Emergency Management
- AW040 – Marine Safety and Human Factors

Project Panels
- D20112 – Research Roadmap--Public Health and Transportation
- D20116 – Emergency Management in State Transportation Agencies
- D205936 - Catastrophic Transportation Emergency Management Guidebook
- D205942 - Regional Transportation Disaster Response Template
- D205951B - Update of a Guide to Emergency Response Planning at State Transportation Agencies
- DA0423 – Social Media Guidebook for Emergency Management
- TA33 – Emergency Preparedness and Recovery Outreach and Communications to Vulnerable Populations
- TA36 - Command-Level Decision Making for Transit Emergency Managers

Task Forces - Search for task force under committee here
- ADD55T – Arterials and Public Health

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.)

**24th National Conference on Rural Public and Intercity Bus Transportation**
*October 25-27, 2021*
*Online*

**Conference on Transformative Times in Transportation Security**
*October 26-28, 2021*
*Washington, D.C.*

**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*

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

Past Webinars
- Real-Time Response - A Pandemic Playbook for Public Transportation Agencies – March 30, 2021
- The New Virtual Reality for Public Meetings and Social Distancing – March 23, 2021
- Visualizing Effects of COVID-19 on Transportation: A One-Year Retrospective – March 8, 2021
- Rail in the Time of Coronavirus - Planning, Operating, & Constructing Rail – December 2, 2020
- Determining Social and Economic Qualifications in the DBE Program – October 15, 2020
- Transportation Asset Management in a COVID-19 World – July 15, 2020
- A Research Roadmap for Transportation and Public Health – June 29, 2020
- COVID-19 Impacts on Managed Lanes – June 25, 2020
- Transportation Experiences and Next Steps in the COVID-19 Pandemic – June 16, 2020
- How Much Will COVID-19 Affect Travel Behavior? – June 1, 2020
- The Intersection Between Health and Transportation – April 27, 2020
- The Supply Chain and COVID-19 – April 8, 2020
- Transportation & COVID-19 – Practices From Other Disease Outbreaks – March 23, 2020
- Taking Preparedness Seriously: Emergency Exercises for Any Airport – April 18, 2019
- Leading Future Improvements in Transportation Safety – March 9, 2019
- Airport Response During Communicable Disease Outbreaks - December 11, 2018
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