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

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 - 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 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
  - NCHRP 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
AME70 - Transportation and Public Health
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
Traffic Trends and Safety in a COVID-19 World – June 2, 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
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