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](#)

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 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
• **Strategic Highway Research Program (SHRP 2)**
  o **Project Brief** - A National Traffic Incident Management Training Course for Incident Responders and Managers

• **Transit Cooperative Research Program (TCRP)**
  o **Legal Research Digest 50** - Public Transit Emergency Preparedness Against Ebola and Other Infectious Diseases: Legal Issues

• **Transportation Research E-Circulars**
  o **E-Circular 266** - Transportation Asset Management in a COVID-19 World
  o **E-Circular 264** - Conference on Health and Active Transportation

• **Transportation Research Record (TRR)**
  o **Open Access Articles** - Transportation and Pandemics

**Current & Upcoming Projects**

• **Current Projects**
  o **ACRP 03-49** - Effective Collaboration to Plan and Respond to Communicable Disease Threats
  o **TCRP F-26** - Improving the Health and Safety of Transit Workers with Corresponding Impacts on the Bottom Line

• **Upcoming Projects**
  o **ACRP 04-25** - Airports and Pandemics--Reducing the Spread of Communicable Diseases
  o **ACRP 11-02/Task 40** - Quick Response: Airport Organizational Redesign
  o **NCHRP 23-13** - Transportation Research Related to COVID-19

**Reports from the National Academies Press on Communicable Diseases**

  o **Coronavirus Resources Collection**
  o **Pandemic Resources**

**Committees & Panels**

**Sign-up to be a committee "Friend"**

**TRB Standing Committees** – Search by transportation mode and committee topic
  o **ABR00** - Transportation Systems Resilience
  o **ADC20** - Transportation and Air Quality
  o **ADD40** - Transportation and Sustainability
  o **AMR10** - Critical Transportation Infrastructure Protection
  o **AMR20** - Disaster Response, Emergency Evacuations, and Business Continuity
  o **AT040** - Transportation of Hazardous Materials
  o **AV090** - Aviation Security and Emergency Management
  o **AW040** – Marine Safety and Human Factors

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

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

**Councils**
  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.)
Webinars – View upcoming webinars, suggest a webinar or add registration information
  - Rail in the Time of Coronavirus - Planning, Operating, & Constructing Rail – December 2, 2020

Past Webinars
- 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
- Emergency Preparedness Against Infectious Diseases on Public Transit – August 14, 2018
- Improving the Resilience of Transit Systems Threatened by Natural Disasters – March 12, 2018
- Leveraging Transportation Mode Expertise for Community Resiliency – February 15, 2018
- Uses of Social Media During an Airport Emergency – January 18, 2018
- The National Institute for Standards and Technology Approach to Resilience in Transportation – August 16, 2017
- Business Continuity Planning for Disruptions at Airports – June 20, 2017

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