TRB Snap Search: Freight Transportation

TRB’s involvement in research on Freight Transportation from 2021-2023

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 Freight Transportation within the past year.

Specialty Report
- Critical Issues in Transportation 2019
- COVID-19 Addendum to Critical Issues in Transportation
- Racial Equity Addendum to Critical Issues in Transportation

Recent Reports & Publications

- National Cooperative Highway Research Program (NCHRP)
  - Report 998 - Planning Freight-Efficient Land Uses: Methodology, Strategies, and Tools
  - Synthesis of Highway Practice 572 – Night and Weekend Movement of Oversize/Overweight Loads

- Special Reports / Consensus Studies

- Transportation Research Circulars
  - E-C278 - Innovations in Freight Data Workshop
  - E-C275 – Measuring and Managing Freight System Resilience Workshop, April 6-8, 2021
  - E-C269 – 2020 Commodity Flow Survey Workshop

Current & Upcoming Projects

- Current Projects
  - ACRP 03-63 - Modernizing Air Cargo Operations and Infrastructure at U.S. Airports
  - ACRP Synthesis 11-03/Topic S03-17 - Airport Centric Advanced Air Mobility Market Study
  - NCHRP 08-134 - Integrating Freight Movement into 21st Century Communities’ Land Use, Design, and Transportation Systems
  - NCHRP 08-140 - Guidebook for Truck Parking Information Management Systems
  - NCHRP 08-141 - A Guidebook for Local Truck Parking Regulations
  - NCHRP 20-50(20) - LTPP Data Analysis: Develop Practical Tools and Procedures to Improve WIM Data Quality
  - NCHRP 20-102(22) - State and Local Impacts of Automated Freight Transportation Systems
  - NCHRP 20-125 - Strategies for Incorporating Resilience into Transportation Networks
  - 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
- NCHRP Synthesis 20-05/Topic 53-14 - Use of Probe Data for Freight Planning and Operations
- NCHRP Synthesis 20-05/Topic 53-17 - Integrating Freight into Policies, Planning, and Project Development for Active Transportation

**Upcoming Projects**
- ACRP 03-72 - Economic Impact of E-Commerce on The Airport Industry
- ACRP 11-08(20-02) - ACRP Insight Event--On-Demand Aviation Services for Passengers and Goods
- NCHRP 08-153 - A Guide for the Development and Use of Truck Traffic Forecasts in Design
- NCHRP 08-158 - A Compendium for Communicating the Value of Freight and Community Interactions
- NCHRP 08-173 - Impacts of E-Commerce on Travel and Land Use Patterns
- NCHRP 23-13(03) - Guide 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 23-25 - Architecture for an Information System for Reporting and Sharing Truck Regulatory Requirements Data

**Reports from the National Academies Press on Freight Transportation**
- Transportation and Infrastructure » Freight Transportation
- Modernizing the Consumer Price Index for the 21st Century
- Innovation, Global Value Chains, and Globalization Measurement
- Building Resilience into the Nation's Medical Product Supply Chains
- Equitable and Resilient Infrastructure Investments
- Investing in Resilient Infrastructure in the Gulf of Mexico
- International Workshop on COVID-19 Lessons to Inform Pandemic Influenza Response
- Navigating an Electric Vehicle Future
- Globally Resilient Supply Chains for Seasonal and Pandemic Influenza Vaccines
- Climate-Resilient Supply Chains

**Committees & Panels**

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

**TRB Standing Committees** – Search by transportation mode and committee topic
- ACS60 - Truck and Bus Safety
- AED70 - Freight Transportation Data
- AMR30 - Transportation for National Defense
- AR040 - Freight Rail Transportation
- AT000 - Freight Systems Group
- AT010 - Freight Transportation Economics and Regulation
- AT015 - Freight Transportation Planning and Logistics
- AT020 - International Trade and Transportation
- AT025 - Urban Freight Transportation
- AT030 - Agriculture and Food Transportation
- AT040 - Transportation of Hazardous Materials
- AT045 - Intermodal Freight Terminal Design and Operations
- AT060 - Trucking Industry Research
- AT060(1) - Joint Subcommittee on Truck Size and Weight
- AW020 - Inland Water Transportation

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

**CRP Panels**
- D0724 - Methodology for Estimating the Value of Travel-Time Reliability for Truck Freight System Users--Phase 2
- D08134 - Integrating Freight Movement into 21st Century Communities' Land Use Design, and Transportation Systems
- D08158 - Communicating the Value, Interactions, and Impacts of Freight to Stakeholders
- D2010222 - State and Local Impacts of Automated Freight Transportation Systems
- SN4901 - Synthesis of Prioritization of Freight Investment Projects
- SN5314 - Use of Probe Data for Freight Planning and Operations
- SN5317 - Integrating Freight into Policies, Planning, and Project Development for Active Transportation

**Councils**
- A001C - Young Members Coordinating Council
Recent and Upcoming Events

Upcoming TRB Conferences – Use left hand menu to filter events

**Workshop on Building More Resilient Supply Chains**
*April 11-12, 2023*
*Washington, D.C.*

**International Conference on Road Weather and Winter Maintenance**
*May 9-10, 2023*
*Washington, D.C.*

**National Aviation System Planning Symposium**
*May 15-18, 2023*
*Irving, CA*

**Marine Transportation System Innovative Science and Technologies Toward Greater Sustainability**
*June 19-22, 2023*
*Washington, D.C.*

**National Conference on Transportation Asset Management**
*July 8-11, 2023*
*Boston, MA*

**TRB International Conference on Low Volume Roads**
*July 23-26, 2023*
*Cedar Rapids, IA*

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

**TRB Webinar: Transport Agency Functional Resilience—Preparing for Severe Disruptions**
*February 15, 2023*

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](http://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](http://trt.trb.org) - A tool to improve the indexing and retrieval of transportation information.
- **Research in Progress (RiP) Database** – [rip.trb.org](http://rip.trb.org) - Current or recently completed transportation research projects
- **Publications Index (PubIndex) Database** – [pubsindex.trb.org](http://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](mailto:TRBLibrary@nas.edu)