TRB Snap Search: Freight Transportation

TRB’s involvement in research on Freight Transportation from 2021-2024

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 Freight Transportation within the past year.

Specialty Report

- Critical Issues in Transportation for 2024 and Beyond
- Critical Issues in Transportation 2019
- COVID-19 Addendum to Critical Issues in Transportation
- Racial Equity Addendum to Critical Issues in Transportation

Recent Reports & Publications

- Aviation Cooperative Research Program (ACRP)
  - Synthesis 130 - Airport Centric Advanced Air Mobility Market Study

- National Cooperative Highway Research Program (NCHRP)
  - Report 1028 - State and Local Impacts of Automated Freight Transportation Systems
  - Report 998 - Planning Freight-Efficient Land Uses: Methodology, Strategies, and Tools
  - Synthesis Report 611 - Use of Probe Data for Freight Planning and Operations
  - Synthesis Report 606 - Integrating Freight and Active Transportation into Policies, Programs, Plans, and Project Development
  - Synthesis Report 572 – Night and Weekend Movement of Oversize/Overweight Loads
  - Web-Only Document 373 - Integrating Freight Movement into Twenty-First-Century Communities’ Land Use, Design, and Transportation Systems
  - Web-Only Document 370 - LTPP Data Analysis: Develop Practical Tools and Procedures to Improve WIM Data Quality

- Special Reports / Consensus Studies

- Transportation Research Circulars
  - E-C285 - Workshop on Building More Resilient Supply Chains
  - E-C278 - Innovations in Freight Data Workshop, September 21-23, 2021
  - E-C275 – Measuring and Managing Freight System Resilience Workshop, April 6-8, 2021
  - E-C269 – 2020 Commodity Flow Survey Workshop

Recently Completed/Pending Publication

Updated 2/5/2024
Current & Upcoming Projects

- **Current Projects**
  - **ACRP 03-72** - A Guide on the Economic Impacts of E-Commerce on Airports and Airport Stakeholders
  - **NCHRP 08-140** - Guide for Truck Parking Information Management Systems
  - **NCHRP 08-141** - A Guidebook for Local Truck Parking Regulations
  - **NCHRP 08-153** - A Guide for the Development and Use of Truck Traffic Forecasts in Design
  - **NCHRP 08-173** - Impacts of E-Commerce on Travel and Land Use Patterns
  - **NCHRP 23-13(04)** - Scoping Supply Chain Challenges and Solutions amid COVID-19
  - **NCHRP 23-13(06)** - Assessing the Equity and Workforce Mobility Implications of the Expansion of E-commerce and Direct-to-Consumer Delivery Services
  - **NCHRP 23-25** - Architecture for an Information System for Reporting and Sharing Truck Regulatory Requirements Data

- **Upcoming Projects**
  - **ACRP 03-63** - Modernizing Air Cargo Operations in U.S. Airports
  - **ACRP 03-72** - A Guide on the Economic Impacts of E-Commerce on Airports and Airport Stakeholders
  - **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 08-176** - Balancing Freight and Goods Delivery Needs in Designing Complete Streets
  - **NCHRP 20-06/Topic 27-03** - Environmental and Planning Law and Transportation
  - **NCHRP 23-13(03)** - Guide on Truck Rest and Service Areas for Critical Supply Chain Delivery
  - **NCHRP 23-25** - Architecture for an Information System for Reporting and Sharing Truck Regulatory Requirements Data

Reports from the [National Academies Press](https://www.nap.edu) on Freight Transportation

- [Transportation and Infrastructure » Freight Transportation](https://www.nap.edu/browse/transportation-and-infrastructure/freight-transportation)
- [Supply Chain Disruptions: Impacts on Vulnerable Communities: Proceedings of a Workshop—in Brief](https://www.nap.edu/catalog/24409/supply-chain-disruptions-impacts-on-vulnerable-communities)
- [Personal Protective Equipment and Personal Protective Technology Product Standardization for a Resilient Public Health Supply Chain](https://www.nap.edu/catalog/24410/personal-protective-equipment-and-personal-protective-technology-product-standardization-for-a-resilient-public-health-supply-chain)
- [Modernizing the Consumer Price Index for the 21st Century](https://www.nap.edu/catalog/24407/modernizing-the-consumer-price-index-for-the-21st-century)
- [Innovation, Global Value Chains, and Globalization Measurement](https://www.nap.edu/catalog/24406/innovation-global-value-chains-and-globalization-measurement)
- [Building Resilience into the Nation’s Medical Product Supply Chains](https://www.nap.edu/catalog/24408/building-resilience-into-the-nations-medical-product-supply-chains)
- [Equitable and Resilient Infrastructure Investments](https://www.nap.edu/catalog/24405/equitable-and-resilient-infrastructure-investments)
- [Investing in Resilient Infrastructure in the Gulf of Mexico](https://www.nap.edu/catalog/24404/investing-in-resilient-infrastructure-in-the-gulf-of-mexico)
- [Navigating an Electric Vehicle Future](https://www.nap.edu/catalog/24402/navigating-an-electric-vehicle-future)
- [Globally Resilient Supply Chains for Seasonal and Pandemic Influenza Vaccines](https://www.nap.edu/catalog/24401/globally-resilient-supply-chains-for-seasonal-and-pandemic-influenza-vaccines)
- [Climate-Resilient Supply Chains](https://www.nap.edu/catalog/24400/climate-resilient-supply-chains)

Committees & Panels

Sign-up to be a committee "Friend"

**TRB Standing Committees** – Search by transportation mode and committee topic

- **ACSN0** - Truck and Bus Safety
- **AED70** - Freight Transportation Data
- **AMR10** - Critical Transportation Infrastructure Protection
- **AMR30** - Transportation for National Defense
- **AMS30** - Transportation Energy
- **AFT065** - Urban Rail Transit Systems
- **AR020** - Rail Rolling Stock and Motive Power
- **AR030** - Railroad Operating Technologies
- **AR040** - Freight Rail Transportation
- **AT000** - Freight Systems Group
o **AT010** - Freight Transportation Economics and Regulation
o **AT015** - Freight Transportation Planning and Logistics
o **AT020** - International Trade and Transportation
o **AT025** - Urban Freight Transportation
o **AT030** - Agriculture and Food Transportation
o **AT040** - Transportation of Hazardous Materials
o **AT045** - Intermodal Freight Terminal Design and Operations
o **AT060** - Trucking Industry Research
o **AT060(1)** - Joint Subcommittee on Truck Size and Weight
o **AW020** - Inland Water Transportation
o **E1008** - Rail Safety Innovations Deserving Exploratory Analysis (IDEA) Program Committee

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

**CRP Panels**
o **D0724** - Methodology for Estimating the Value of Travel-Time Reliability for Truck Freight System Users--Phase 2
o **D08134** - Integrating Freight Movement into 21st Century Communities’ Land Use Design, and Transportation Systems
o **D08140** - Guide for Truck Parking Information Management Systems
o **D08141** - Guidance for Local Truck Parking Regulations
o **D08153** - Guidance on Improving Truck Traffic Estimates in Design Traffic Forecasts
o **D08158** - Communicating the Value, Interactions, and Impacts of Freight to Stakeholders
o **D08176** - Balancing Freight and Goods Delivery Needs Into Designing Complete Streets of the Future
o **D1562** - Access Management and Design Guidelines for Truck Routes
o **D2010222** - State and Local Impacts of Automated Freight Transportation Systems
o **D231303** - Guidance for State DOTs on Truck Rest and Service Areas for Critical Supply Chain Delivery
o **D2325** - Architecture for Information System for Reporting and Sharing Truck Regulatory Requirements Data
o **SN4901** - Synthesis of Prioritization of Freight Investment Projects
o **SN5143** - Truck Escape Ramp Design and Operation
o **SN5314** - Use of Probe Data for Freight Planning and Operations
o **SN5317** - Integrating Freight into Policies, Planning, and Project Development for Active Transportation

**Councils**
o **A001C** – Young Members Coordinating Council
o **A0030C** - City Transportation Issues Coordinating Council

**Recent and Upcoming Events**

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

**TRB Webinar: Container Port Landside Congestion Experiences and Solutions**
*Feb 5, 2024*

**TRB Webinar: Disruptive Technologies and the Future of the Transportation Agency**
*Feb 26, 2024*

**Impacts of Trains Longer Than 7,500 Feet Meeting #14**
*March 14, 2024*
Washington, D.C.

**TRB’s 2nd Conference on Advancing Transportation Equity**
*July 15-18, 2024*
Baltimore, MD

**TRB’s Annual Automated Road Transportation Symposium**
*July 29-Aug 1, 2024*
San Diego, CA

**TRB’s International Conference on Women and Gender in Transportation**
*September 9-11, 2024*
Irvine, CA
Past Events - In the Past 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

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

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
- 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