



TRB Snap Search: Freight Transportation

TRB's involvement in research on Freight Transportation from 2017-2018

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

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.

Subject Webpage

- [Freight Transportation Research at TRB](#)

Recent Reports & Publications

- [Airport Cooperative Research Program \(ACRP\)](#)
 - [Synthesis 80](#) - Estimating Truck Trip Generation for Airport Air Cargo Activity
- [National Cooperative Freight Research Program \(NCFRP\)](#)
 - [Report 38](#) - Guide for Conducting Benefit-Cost Analyses of Multimodal, Multijurisdictional Freight Corridor Investments
 - [Report 37](#) - Using Commodity Flow Survey Microdata and Other Establishment Data to Estimate the Generation of Freight, Freight Trips, and Service Trips: Guidebook
- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [Brochure](#) - Connected and Automated Vehicles: NCHRP Support for Transportation Agency Leaders
 - [IDEA 181](#) - Development of Small Specimen Geometry for Asphalt Mixture Performance Testing
 - [Report 862](#) - Guide to Deploying Clean Truck Freight Strategies
 - [Report 855](#) - An Expanded Functional Classification System for Highways and Streets
 - [Report 854](#) - Guide for Identifying, Classifying, Evaluating, and Mitigating Truck Freight Bottlenecks
 - [Report 844](#) - Guide for Integrating Goods and Services Movement by Commercial Vehicles in Smart Growth Environments
 - [Synthesis 514](#) - Statewide and Megaregional Travel Forecasting Models: Freight and Passenger
 - [Web-Only Document 231](#) - Challenges to CV and AV Applications in Truck Freight Operations
- [TRB Special Reports](#)
 - [Report 325](#) - Safely Transporting Hazardous Liquids and Gases in a Changing U.S. Energy Landscape
 - [Report 324](#) - Designing Safety Regulations for High-Hazard Industries
- [Transportation Research Circulars](#)
 - [E-Circular 225](#) - Research Issues in Freight Transportation
 - [E-Circular 223](#) - Innovations in Freight Data
- [Transportation Research Record: Journal of the Transportation Research Board](#)
 - [Volume 2611](#) - Marine Transportation and International Trade
 - [Volume 2610](#) - Freight Systems: Volume 2
 - [Volume 2609](#) - Freight Systems: Volume 1

Current & Upcoming Projects

- [Current Projects](#)
 - [NCFRP 44](#) - Impacts of Policy-Induced Freight Modal Shifts
 - [NCFRP 48](#) - Freight Research to Support MAP-21 Implementation
 - [NCFRP 49](#) - Understanding and Using New Data Sources to Address Urban and Metropolitan Freight Challenges
 - [NCFRP 50](#) - Improving Freight Transportation Resilience in Response to Supply Chain Disruptions
 - [NCHRP 03-121](#) - Incorporating Freight, Transit, and Incident Response Stakeholders into Integrated Corridor Management (ICM): Processes and Strategies for Implementation
 - [NCHRP 07-24](#) - Estimating the Value of Truck Travel Time Reliability
 - [NCHRP 08-101](#) - Enhanced Truck Data Collection and Analysis for Emissions Modeling
 - [NCHRP 08-106](#) - Metropolitan Freight Transportation: Implementing Effective Strategies
 - [NCHRP 08-111](#) - Effective Decision-Making Methods for Freight-Efficient Land Use
 - [NCHRP 08-104](#) - A Guidebook for Post-Award Contract Administration for Highway Projects Delivered Using Alternative Contracting Methods
 - [NCHRP 15-62](#) - Design and Access Management Guidelines for Truck Routes
 - [NCHRP 20-07/Task 390](#) - Parametric Study & Cost Effects for the USDOT Truck Size & Weight Study Vehicles
 - [NCHRP 20-114](#) - Multimodal Freight Transportation Research Roadmap
 - [NCHRP 20-117](#) - Deploying Transportation Resilience Practices in State DOTs
 - [NCHRP Synthesis 20-05/Topic 49-01](#) - Prioritization of Freight Investment Projects
 - [Safety IDEA Project 34](#) - Prototype System for Managing Enterprise Rail Transport Risk for Hazmat
 - [TCRPJ-05](#) - Legal Aspects of Transit and Intermodal Transportation Programs
- [Upcoming Projects](#)
 - [NCHRP 20-50\(20\)](#) - LTPP Data Analysis: Develop Tools to Improve Accuracy of Traffic Loading Data Collection

Reports from the [National Academies Press](#) on Freight Transportation

- [Improving Motor Carrier Safety Management](#)

Committees & Panels

[Sign-up to be a committee "Friend"](#)

[Technical Activities Division Standing Committees](#) – Search by transportation mode and committee topic

- [ABI90](#) -Freight Transportation Data
- [ANB70](#) - Truck and Bus Safety
- [AR040](#) - Freight Rail Transportation
- [AT000](#) - Freight Systems
- [AT010](#) - Freight Transportation Economics and Regulation
- [AT015](#) - Freight Transportation Planning and Logistics
- [AT020](#) - International Trade and Transportation
- [AT025](#) - Urban Freight Transportation
- [AT030](#) - Agricultural Transportation
- [AT035](#) - Military Transportation
- [AT040](#) - Transportation of Hazardous Materials
- [AT045](#) - Intermodal Freight Transport
- [AT050](#) - Intermodal Freight Terminal Design and Operations
- [AT055](#) - Truck Size and Weight
- [AT060](#) - Trucking Industry Research

[Task Forces](#) - Search for *task force* under committee here

- [AT017T](#) – Development of Freight Fluidity Performance Measures

CRP Panels

- [Project Panels Related to Freight Transportation](#)

Councils

- [A0040T](#) – Young Member Council

Recent and Upcoming Events

[Conferences \(co-sponsored by TRB\)](#) - Left hand menu “upcoming conferences by topic”

[2018 Planning for Shifting Trade Workshop*](#)

January 30-31, 2018

Tampa, Florida

[Transport Research Arena 2018*](#)

April 16-19, 2018

Vienna, Austria

[I-TED 2018: International Transportation and Economic Development Conference](#)

June 6-8, 2018

Washington, D.C.

[Fifth Biennial Marine Transportation System Research and Technology Conference](#)

June 19-21, 2018

Washington, D.C.

[Freight Fluidity Performance Measurements Implementation](#)

September 5-6, 2018

Washington, D.C.

[Innovations in Freight Data Workshop](#)

Spring 2019

Irvine, California

[Webinars](#) – View upcoming webinars, suggest a webinar or add registration information

TRB's Transportation Research Information Services (TRIS)

TRIS includes the [TRB Library](#) and the [TRIS Databases](#) (listed below) which are available for 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:

TRID – The world's largest and most comprehensive bibliographic source on all modes and disciplines of transportation - trid.trb.org

Practice Ready Papers (PRP) Database - Papers with information that is ready for immediate implementation or requires minimal additional research or implementation effort - prp.trb.org

Publications Index (PubsIndex) Database – The papers, articles and reports published by the Transportation Research Board, Highway Research Board, Strategic Highway Research Programs or the Marine Board - pubsindex.trb.org

Research in Progress (RiP) Database – Current or recently completed transportation research projects - rip.trb.org

Research Needs Statements (RNS) – Research needs as identified by TRB Technical Activities standing committees - rns.trb.org

Contact the Library at TRBLibrary@nas.edu or 1 (202) 334-2989