



TRB Snap Search: Planning & Forecasting

TRB's involvement in research on Planning & Forecasting 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 Planning & Forecasting within the past year.

Subject Webpage

- [Planning & Forecasting Research at TRB](#)

Recent Reports & Publications

- [Access Management Two-Volume Set - USB Edition](#)
- [Airport Cooperative Research Program \(ACRP\)](#)
 - [Impacts on Practice](#) - Integrating Airport Research and Decision-making: A Case Study
 - [Report 176](#) - Generating Revenue from Commercial Development On or Adjacent to Airports
 - [Report 168](#) - Runway Protection Zones (RPZs) Risk Assessment Tool Users' Guide
 - [Report 150](#) - NextGen for Airports, Volume 5: Airport Planning and Development
 - [WebResource 2](#) - Airport Passenger Terminal Design Library
 - [WebResource 1](#) - Aligning Community Expectations with Airport Roles
- [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 \(NCHRP\)](#)
 - [Briefing Document](#) - Strategies to Advance Automated and Connected Vehicles
 - [IDEA 184](#) - Synthetic Household Travel Data Using Consumer and Mobile Phone Data
 - [IDEA 181](#) - Development of Small Specimen Geometry for Asphalt Mixture Performance Testing
 - [Legal Research Digest 75](#) - Legal Requirements for State Departments of Transportation Agency Participation in Conservation Plans
 - [Legal Research Digest 73](#) - Primer on Patentability and Use of Ideas Developed by Contractors Performing Work for State and Federal Transportation and Local Planning Agencies
 - [Report 854](#) - Guide for Identifying, Classifying, Evaluating, and Mitigating Truck Freight Bottlenecks
 - [Report 852](#) - Method Selection for Travel Forecasting
 - [Report 845](#) - Advancing Automated and Connected Vehicles: Policy and Planning Strategies for State and Local Transportation Agencies
 - [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
 - [Synthesis 510](#) - Resource Allocation of Available Funding to Programs of Work
 - [Web-Only Document 234](#) - Developing a Method Selection Tool for Travel Forecasting

- [Web-Only Document 229](#) - Methods and Technologies for Pedestrian and Bicycle Volume Data Collection: Phase 2
- [Web-Only Document 226](#) - Data Visualization Methods for Transportation Agencies
- [Transit Cooperative Research Program \(TCRP\)](#)
 - [Report 192](#) - Decision-Making Toolbox to Plan and Manage Park-and-Ride Facilities for Public Transportation: Guidebook on Planning and Managing Park-and-Ride
 - [Web-Only Document 69](#) - Decision-Making Toolbox to Plan and Manage Park-and-Ride Facilities for Public Transportation: Research Report and Transit Agency Case Studies
- [Transportation Research Circulars](#)
 - [E-Circular 226](#) - Transportation System Resilience: Preparation, Recovery, and Adaptation
 - [E-Circular 219](#) - The U.S. Department of Transportation's Smart City Challenge and the Federal Transit Administration's Mobility on Demand Sandbox: Advancing Multimodal Mobility and Best Practices Workshop
 - [E-Circular 218](#) - Advancing Freeway Operations Through Strategic Research
- [Transportation Research Record: Journal of the Transportation Research Board](#)
 - [Volume 2669](#) - Demand Forecasting: Volume 2
 - [Volume 2668](#) - Demand Forecasting: Volume 1
 - [Volume 2666](#) - Travel Behavior and Values: Volume 3, Effects of Information and Communication Technology on Travel Choices
 - [Volume 2665](#) - Travel Behavior and Values: Volume 2
 - [Volume 2661](#) - Pedestrians
 - [Volume 2658](#) - Intersections of Transportation and Telecommunications: Findings by the 2016 Chan Wui and Yunyin Rising Star Fellows
 - [Volume 2654](#) - Planning
 - [Volume 2653](#) - Planning Applications
 - [Volume 2646](#) - Managing Performance and Assets; Freight Data and Visualization
 - [Volume 2643](#) - Data and Methods to Understand Travel
 - [Volume 2622](#) - Traffic Flow Theory and Characteristics: Volume 1

Current & Upcoming Projects

- [Current Projects](#)
 - [ACRP 03-36](#) - Using Disaggregated Socioeconomic Data in Air Passenger Demand Studies
 - [ACRP 03-37](#) - Using GIS for Collaborative Land Use Compatibility Planning Near Airports
 - [ACRP 03-38](#) - Understanding FAA Grant Assurance Obligations
 - [ACRP 03-40](#) - Air Demand in a Dynamic Competitive Context with the Automobile
 - [ACRP 03-41](#) - Common Performance Metrics for Airport Infrastructure and Operational Planning
 - [ACRP 03-42](#) - Airports and UAS
 - [ACRP 03-43](#) - Integrating Airport Ground Access and Metropolitan Surface Transportation Planning Efforts
 - [ACRP 03-44](#) - Building and Maintaining Air Service Through Incentive Programs
 - [ACRP 03-45](#) - Collecting and Sharing of Operational and Safety Data
 - [ACRP 09-15](#) - Building Information Modeling (BIM) Beyond Design
 - [ACRP 11-02/Task 29](#) - Research Roadmap in the Area of Airport Operations and Maintenance
 - [ACRP Synthesis 11-03/Topic S04-19](#) - Incorporating ADA and Functional Needs in Emergency Exercises
 - [ACRP Synthesis 11-03/Topic S03-15](#) - How Airports Plan for Changing Aircraft Capacity-the Effects of Upgauging
 - [ACRP Synthesis 11-03/Topic S03-14](#) - Simulation Options for Airport Planning
 - [ACRP Synthesis 11-03/Topic S02-17](#) - Sustainability's Role in Enhancing Airport Capacity
 - [ACRP Synthesis 11-03/Topic S01-17](#) - Attracting Investment at General Aviation Airports Through Public-Private Partnerships
 - [NCHRP 08-36/Task 116](#) - Development of Transportation Asset Management Plan Templates
 - [NCHRP 08-36/Task 120](#) - Snapshots of Planning Practices
 - [NCHRP 08-36/Task 125](#) - Transportation Asset Management Knowledge Portal
 - [NCHRP 08-36/Task 127](#) - Employment Data for Planning: A Resource Guide
 - [NCHRP 08-36/Task 135](#) - Addressing Margins of Error in Small Areas of Data Delivered through the American Fact Finder or the Census Transportation Planning Products Program
 - [NCHRP 08-100](#) - Environmental Justice Analyses When Considering Toll Implementation or Rate Changes
 - [NCHRP 08-101](#) - Enhanced Truck Data Collection and Analysis for Emissions Modeling
 - [NCHRP 08-102](#) - Bicyclist Facility Preferences and Effects on Increasing Bicycle Trips
 - [NCHRP 08-103](#) - Implementing NCHRP Report 806: Guide to Cross-Asset Resource Allocation and the Impact on Transportation System Performance
 - [NCHRP 08-104](#) - A Guidebook for Post-Award Contract Administration for Highway Projects Delivered Using

Alternative Contracting Methods

- [NCHRP 08-105](#) - Measuring the Effectiveness of Public Involvement in Transportation Planning and Project Delivery
 - [NCHRP 08-106](#) - Metropolitan Freight Transportation: Implementing Effective Strategies
 - [NCHRP 08-107](#) - A Guidebook for Emergency Contracting Procedures for Administration of a Regional Emergency
 - [NCHRP 08-108](#) - Developing National Performance Management Data Strategies to Address Data Gaps, Standards, and Quality
 - [NCHRP 08-109](#) - Updating the AASHTO Transportation Asset Management Guide—A Focus on Implementation, Phase 1
 - [NCHRP 08-110](#) - Traffic Forecasting Accuracy Assessment Research
 - [NCHRP 08-111](#) - Effective Decision-Making Methods for Freight-Efficient Land Use
 - [NCHRP 08-112](#) - A Guidebook for Implementing Alternative Technical Concepts into Project Delivery Methods
 - [NCHRP 17-81](#) - Proposed Macro-Level Safety Planning Analysis Chapter for the Highway Safety Manual
 - [NCHRP 19-14](#) - Right-Sizing Transportation Investments--Methods for Planning and Programming
 - [NCHRP 20-07/Task 408](#) - Transportation System Management and Operations (TSMO) Workforce: Skills, Positions, Recruitment, Retention, and Career Development
 - [NCHRP 20-112](#) - A Research Roadmap for Transportation and Public Health
 - [NCHRP 20-118](#) - Benchmarking and Comparative Measurement for Effective Performance Management by Transportation Agencies
 - [NCHRP Synthesis 20-05/Topic 49-14](#) - Methods to Acquire Proprietary Data for Transportation Applications
 - [NCHRP Synthesis 20-05/Topic 49-11](#) - Practice for Online Public Involvement
 - [NCHRP Synthesis 20-05/Topic 49-10](#) - Transportation Workforce Planning and Development Strategies
 - [Safety IDEA Project 34](#) - Prototype System for Managing Enterprise Rail Transport Risk for Hazmat
 - [TCRP B-45](#) - Transportation to Dialysis Centers: Health/Transportation Policy Intersection
 - [TCRP H-50](#) - Local Economic Development Measurement Tool for Transit
 - [TCRP H-51](#) - Understanding Changes in Demographics, Preferences, and Markets for Public Transportation
 - [TCRP H-53](#) - Tools for a Sustainable Transit Agency
 - [TCRP H-54](#) - Guide to Equity Analysis in Regional Transportation Planning Processes
 - [TCRP Synthesis I-07/Topic SA-44](#) - Comprehensive Bus Network Redesign
 - [TCRP Synthesis I-07/Topic SA-43](#) - Transit Service Delivery Evaluation Standards
 - [TCRP Synthesis I-07/Topic SB-31](#) - Implementing the US DOT Reasonable Accommodation Rule
 - [TCRP Synthesis I-07/Topic SB-30](#) - Current Practices in Providing Demand-Response Transit
- [Upcoming Projects](#)
 - [ACRP 01-36](#) - Guidebook for Developing State Aviation System Plans
 - [ACRP 01-37](#) - Best Practices for State Aeronautics Division Performance Measures
 - [ACRP 01-38](#) - Fair Market Values at Small Airports
 - [ACRP 02-83](#) - Measuring Quality of Life in Communities Surrounding Airports
 - [ACRP 03-46](#) - Implementing Airport Privatization: Guidance for Airport Decision Makers
 - [ACRP 03-47](#) - Rethinking Airport Parking Facilities to Protect and Enhance Non-Aeronautical Revenue
 - [ACRP 03-48](#) - Automation of Airside Vehicle Operations
 - [ACRP 10-26](#) - Airport Micro-grid Implementation Toolkit
 - [ACRP 11-01/Topic 10-02](#) - Legal Issues Relating to Large Scale Airport Construction Projects
 - [ACRP 11-02/Task 33](#) - Research Roadmap on Policy and Planning Issues
 - [ACRP 11-02/Task 32](#) - Research Roadmap on Environmental Issues
 - [ACRP 11-05/Task 1](#) - Dissemination of ACRP Research Results
 - [NCHRP 03-126](#) - Operational Standards for Highway Infrastructure
 - [NCHRP 03-128](#) - Business Intelligence Techniques for Transportation Agency Decision Making
 - [NCHRP 08-113](#) - Integrating Effective Transportation Performance, Risk, and Asset Management Practices
 - [NCHRP 08-114](#) - Systematic Approach for Estimating Construction Contract Time: A Guidebook
 - [NCHRP 08-115](#) - Framework for Designing and Managing Data and Information Workflows for Transportation Assets
 - [NCHRP 08-116](#) - Framework for Managing Data from Emerging Transportation Technologies to Support Decision-Making
 - [NCHRP 08-117](#) - Impact of Transformational Technologies on Land Use and Transportation
 - [NCHRP 17-82](#) - Proposed Guidance for Fixed Objects in the Roadside Design Guide
 - [NCHRP 20-44\(02\)](#) - Implementation of the AASHTO Guide for Enterprise Risk Management
 - [NCHRP 20-59\(56\)](#) - Support for State DOT Transportation Systems Resilience and All-Hazards Programs
 - [NCHRP 20-102\(11\)](#) - Mobility-on-Demand and Automated Driving Systems: A Framework for Public-Sector Assessment
 - [NCHRP 20-102\(05\)](#) - Strategic Communications Plan for NCHRP Project 20-102
 - [NCHRP 22-33](#) - Multi-State In-Service Performance Evaluations of Roadside Safety Hardware
 - [NCHRP 25-25/Task 104](#) - Streamlining Carbon Monoxide Project-Level Air Quality Analyses with Programmatic

Agreements

- [NCHRP 24-47](#) - How to Measure and Communicate the Value of Access Management
- [TCRP H-55](#) - Guidebook and Research Plan to Help Communities Improve Transportation to Health Care Services
- [TCRP J-11/Task 29](#) - Output-Oriented Strategic Communications for Transit Agencies

Reports from the [National Academies Press](#) on Planning & Forecasting

- [Engaging the Private Sector and Developing Partnerships to Advance Health and the Sustainable Development Goals: Proceedings of a Workshop Series](#)
- [Developing Affordable and Accessible Community-Based Housing for Vulnerable Adults: Proceedings of a Workshop](#)
- [Innovations in Federal Statistics: Combining Data Sources While Protecting Privacy](#)

Committees & Panels

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

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

- [AD000](#) - Planning and Environment Group
- [ADA00](#) - Transportation System Policy, Planning and Process
- [ADA10](#) - Statewide Multimodal Transportation Planning
- [ADA20](#) - Metropolitan Policy, Planning, and Processes
- [ADA30](#) - Transportation Planning for Small and Medium-Sized Communities
- [ADA40](#) - Transportation Needs of National Parks and Public Lands
- [ADA50](#) - Transportation Programming and Investment Decision-Making
- [ADA60](#) - Public Involvement in Transportation
- [ADB00](#) - Travel Analysis Methods
- [ADB10](#) - Traveler Behavior and Values
- [ADB20](#) - Effects of Information and Communication Technologies (ICT) on Travel Choices
- [ADB30](#) - Transportation Network Modeling
- [ADB40](#) - Transportation Demand Forecasting
- [ADB45](#) - Travel Forecasting Resources
- [ADB50](#) - Transportation Planning Applications
- [ADD30](#) - Transportation and Land Development
- [AP025](#) - Public Transportation Planning and Development
- [AT015](#) - Freight Transportation Planning and Logistics
- [AV020](#) - Aviation System Planning
- [AV040](#) - Aviation Economics and Forecasting
- [AV080](#) - Light Commercial and General Aviation

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

- [A0020T](#) – Climate Change and Energy

CRP Panels

- [Project Panels Related to Planning and Forecasting](#)

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

[National Household Travel Survey \(NHTS\) Data for Transportation Applications Workshop](#)

May 15-16, 2018

Washington, D.C

[Tenth National Aviation System Planning Symposium](#)

May 20-22, 2018
Anchorage, Alaska

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

June 6-8, 2018
Washington, D.C

[12th National Conference on Transportation Asset Management](#)

July 14-17, 2018
San Diego, California

[12th Access Management Conference](#)

July 17-19, 2018
Madison, Wisconsin

[16th National Tools of the Trade Transportation Planning Conference](#)

August 22-24, 2018
Kansas City, Missouri

[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**

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