TRB Snap Search: Economic Impacts

TRB's involvement in research on Economic Impacts from 2020-2021

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

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 Economic Impacts within the past year.

Subject Webpage

- Economics Research at TRB

Recent Reports & Publications

- **Airport Cooperative Research Program (ACRP)**
  - Report 225 - Rethinking Airport Parking Facilities to Protect and Enhance Non-Aeronautical Revenues
  - Report 224 - Understanding Impacts to Airports From Temporary Flight Restrictions
  - Report 223 - Performance Measures for State Aviation Agencies
  - Report 221 - Measuring Quality of Life in Communities Surrounding Airports
  - Report 217 - Guidance for Diversity in Airport Business Contracting and Workforce Programs
  - Report 214 - BIM Beyond Design Guidebook

- **National Cooperative Highway Research Program (NCHRP)**
  - NCHRP 20-65/Task 77 - Lessons Learned and Impacts to Date of State DOT Implementation of New Federal Transit Asset Management and Public Transportation Agency Safety Requirements
  - Report 953 - Improving Mid-Term, Intermediate, and Long-Range Cost Forecasting: Guidebook for State Transportation Agencies
  - Report 938 - Incorporating the Costs and Benefits of Adaptation Measures in Preparation for Extreme Weather Events and Climate Change—Guidebook
  - Report 917 - Right-Sizing Transportation Investments: A Guidebook for Planning and Programming
  - Web-Only Doc 296 - Guidelines for Cost-Effective Safety Treatments of Roadside Ditches
  - Web-Only Doc 244 - Developing Guidelines for Integrating Safety and Cost-Effectiveness into Resurfacing, Restoration, and Rehabilitation (3R) Projects

- **Transit Cooperative Research Program (TCRP)**

- **Transportation Research E-Circulars**
  - E-Circular 267 - Summary of Transportation Research Needs Related to COVID-19
  - E-Circular 266 - Transportation Asset Management in a COVID-19 World
  - E-Circular 263 - Conference on Performance and Data in Transportation Decision Making
  - E-Circular 261 - TRB Forum on Preparing for Automated Vehicles and Shared Mobility: Mini-Workshop on the Economic Implications of Automated Vehicles and Shared Mobility

Updated on 07/16/2021
Current & Upcoming Projects

- **Current Projects**
  - [ACRP 02-89](#) - A Primer and Framework for Considering an Airport Noise and Operations Monitoring System (NOMS)
  - [ACRP 03-58](#) - Measuring and Understanding the Relationship Between Air Service and Regional Economic Development
  - [ACRP 04-27](#) - Alternative Methods to Manage Tree Growth Near Airports
  - [NCHRP 08-109](#) - Updating the AASHTO Transportation Asset Management Guide—A Focus on Implementation, Phase 1
  - [NCHRP 08-124](#) - Quantifying the Impacts of Corridor Management
  - [NCHRP 08-132](#) - Accessing America’s Great Outdoors: Forecasting Recreational Travel Demand
  - [NCHRP 14-40](#) - Transforming Roadside Management and Technology Practices for the Benefit of Safety, Ecology, and Economy
  - [NCHRP 15-80](#) - Design Guide and Standards for Infrastructure Resilience
  - [NCHRP 17-95](#) - Crash Modification Factors (CMFs) for Intelligent Transportation System (ITS) Applications
  - [NCHRP 19-17](#) - Federal Funding Flexibility: Use of Federal Aid Highway Fund Transfers by State DOTs
  - [NCHRP 19-16](#) - Managing the Effects of Uncertain Federal Funding
  - [NCHRP 20-102(26)](#) - Dynamic Curbside Management: Keeping Pace with New and Emerging Mobility and Technology in the Public Right of Way
  - [NCHRP 20-125](#) - Strategies for Incorporating Resilience into Transportation Networks
  - [NCHRP 20-126(03)](#) - Advancing Practices of In Situ Nondestructive Evaluation of Highway System Asset Foundational Condition and Capability
  - [NCHRP 20-127](#) - Business Case and Communications Strategies for State DOT Resilience Efforts
  - [NCHRP 22-43](#) - Proposed AASHTO Guidelines for Implementation of MASH for Sign Supports, Breakaway Poles, and Work Zone Traffic Control Devices
  - [NCHRP 23-06](#) - A Guide to Computation and Use of System Level Valuation of Transportation Assets
  - [NCHRP 23-08](#) - A Guide for Incorporating Maintenance Costs into a Transportation Asset Management Plan
  - [NCHRP 25-47](#) - How to Measure and Communicate the Value of Access Management
  - [NCHRP 25-56](#) - Methods for State DOTs to Reduce Greenhouse Gas Emissions from the Transportation Sector
  - [NCHRP 25-59](#) - Pollinator Habitat Conservation Along Roadways
  - [NCHRP IDEA 20-30/IDEA 227](#) - Adjustable Cross-frames for the Erection of Steel Girder Bridges
  - [NCHRP IDEA 20-30/IDEA 211](#) - Reducing Stormwater Runoff and Pollutant Loading with Biochar Addition to Highway Greenways
  - [NCHRP IDEA 20-30/IDEA 219](#) - Development of a Fast and Cost Effective Asphalt Mixture Fatigue Test System
  - [NCHRP Synthesis 20-05/Topic 52-01](#) - Highway Infrastructure Inspection Practices for the Digital Age
  - [NCHRP Synthesis 20-05/Topic 52-08](#) - Practices for Balancing Safety Investments in a Comprehensive Safety Program
  - [NCHRP Synthesis 20-05/Topic 52-15](#) - Measuring Investments in Active Transportation When Accomplished as Part of Other Transportation Projects
  - [TCRP F-26](#) - Improving the Health and Safety of Transit Workers with Corresponding Impacts on the Bottom Line
  - [TCRP I-11/Task 37](#) - Transit and Micro-Mobility (Bikeshare, Scooter-share, etc.)
  - [TCRP I-11/Task 39](#) - Evaluation Framework for Fare-free Public Transportation
  - [TCRP Synthesis I-07/Topic SB-34](#) - Coordination of Public Transit Services and Investments with Affordable Housing Policies
  - [TCRP Synthesis I-07/Topic SG-19](#) - Paratransit Service Delivery Models for Small Systems
  - [Transit IDEA 1-04/IDEA 96](#) - Multi-stage Planning for Electrifying Transit Bus Systems with Multiformat Charging Facilities

- **Upcoming Projects**
  - [ACRP 11-02/Task 41](#) - Toward a Touchless Airport Journey
  - [NCHRP 08-130](#) - Best Practices in Coordination of Public Transit and Ride Sharing
  - [NCHRP 08-136](#) - Guidance on Using Performance-Based Management Approaches for Maintenance
  - [NCHRP 08-158](#) - Communicating the Value, Interactions, and Impacts of Freight to Stakeholders
  - [NCHRP 08-160](#) - Understanding the Role of Transportation Infrastructure Investment in Gentrification and Displacement and Identify Effective Policies and Strategies to Address These Effects
TRANSPORTATION RESEARCH BOARD

- NCHRP 13-09 - Maximizing Proceeds from the Fleet Asset Disposal Sales Process
- NCHRP 19-19 - Sustaining a Zero Fare Public Transportation Program in a Post COVID-19 World
- NCHRP 20-24(137) - Assessing and Communicating the Economic and Quality of Life Benefits of Transportation Infrastructure Investments
- NCHRP 20-102(33) - Safety of Vulnerable Road Users in a C/AV Future
- NCHRP 20-102(25) - Readiness and Effectiveness of Freeway-Based Corridor V2X Applications for Improving Congestion and Safety
- NCHRP 20-102(26) - Dynamic Curbside Management in the Era of CAVs, SAVs, Scooters, Transportation Network Companies (TNCs), and Traditional Vehicles
- NCHRP 20-102(28) - Preparing Transportation Agencies for Connected and Automated Vehicles in Work Zones
- NCHRP 20-127 - Business Case and Communications Strategies for State DOT Resilience Efforts
- NCHRP 23-13(06) - Analyzing the Shifts from Brick and Mortar Businesses to Home Delivery
- NCHRP Synthesis 20-05/Topic 52-15 - Measuring Investments and Benefits of Active Transportation Investments When Accomplished as Part of Other Roadway Projects
- TCRP J-11/Task 39 - Evaluation Framework for Fare-free Public Transportation

Reports from the National Academies Press on Economic Impacts

- A Consumer Food Data System for 2030 and Beyond
- Effectiveness and Impacts of Dust Control Measures for Owens Lake
- A Quadrennial Review of the National Nanotechnology Initiative
- Innovations in the Food System – Exploring the Future of Food
- Safeguarding the Bioeconomy
- Strengthening Post-Hurricane Supply Chain Resilience
- Stronger Food and Drug Regulatory Systems Abroad

Committees & Panels

TRB Standing Committees – Search by transportation mode and committee topic

- ADA50 - Transportation Programming and Investment Decision-Making
- ADD00 - Social, Economic, and Cultural Issues
- ADD20 - Social and Economic Factors of Transportation
- AJE50 - Economics, Revenue, and Finance
- AMS50 - Economic Development and Land Use
- AT010 - Freight Transportation Economics and Regulation
- AV040 - Aviation Economics and Forecasting

Task Forces - Search for task force under committee here

- ABI55T - Data Privacy, Security and Protection Policy

Panels

- D08131 - Access to Jobs, Economic Opportunities, and Education in Rural Areas
- D1914 - Methods for Identifying and Evaluating Transportation Investment Right-Sizing Scenarios
- D2301 - Assessing and Communicating the Economic and Quality of Life Benefits of Transportation Infrastructure Investment
- DA0358 - Measuring the Effect of Changes in Air Service Connectivity on Regional Economic Development
- SN4807 - Investment Prioritization Methods for Low Volume Roads
- SN4901 - Synthesis of Prioritization of Freight Investment Projects

Councils

- 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.)

Conference on Advancing Transportation Equity
September 8, 2021
online

Innovations in Freight Data Workshop
September 21, 2021
online

National Conference on Rural Public and Intercity Bus Transportation
October 25, 2021
online

Webinars – View upcoming webinars, suggest a webinar or add registration information

Past Webinars

- The Day of the Drones - Airports and Unmanned Aircraft Systems, Part 2 – April 27, 2021
- Transportation Impacts in Managing Retreat from High-Risk Areas – March 4, 2021
- Retrospective, Perspective, & Prospective of Transit-Oriented Development - February 25, 2021
- Cross-Cutting Issues in Urban Congestion Pricing – December 10, 2020
- Make it Count--Estimating Market Values for Small Airports – October 29, 2020
- Balancing the Scales--Equity Analysis in Transportation Planning – October 22, 2020
- Measuring Highway Assets through Non-Destructive Evaluation – October 20, 2020
- Determining Social and Economic Qualifications in the DBE Program – October 15, 2020
- Weathering the Storm - Climate Resilience at Airport – October 7, 2020
- Transportation Asset Management in a COVID-19 World – July 15, 2020
- COVID-19 Impacts on Managed Lanes – June 25, 2020
- The intersection between health and transportation – April 27, 2020
- Greener in Many Ways: Environmentally Sustainable Funding and Financing – April 22, 2020
- Making your budget work – Stormwater management projects at airports – March 16, 2020
- Right-Sizing Transportation Investments – March 11, 2020

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 (PubIndex) 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