The National Academies of Sciences • Engineering • Medicine

TRB Snap Search: Economic Impacts

TRB's involvement in research on Economic Impacts from 2019-2020

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 208 - Benefit–Cost Analyses Guidebook for Airport Stormwater
  - Synthesis 94 - Attracting Investment at General Aviation Airports Through Public–Private Partnerships

- Conference Proceedings
  - Proceedings on the Web 25 - Proceedings of the 12th National Conference on Transportation Asset Management
  - Proceedings on the Web 23 - Economic and Social Sustainability at Airports

- 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
  - NCHRP 20-65/Task 73 - Best Practices and Marketing to Increase Rural Transit Ridership and Investment
  - Report 917 - Right-Sizing Transportation Investments: A Guidebook for Planning and Programming
  - Synthesis 542 - Prioritization of Freight Investment Projects

- Special Reports
  - Report 329 - Renewing the National Commitment to the Interstate Highway System: A Foundation for the Future

- Transit Cooperative Research Program (TCRP)

- Transportation Research E-Circulars
  - 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
  - E-Circular 231 - U.S. Department of Transportation’s Mobility on Demand Initiative

Current & Upcoming Projects

- Current Projects
  - ACRP 01-37 - Performance Measures for State Aviation Agencies
ACRP 06-05 - Guidance for Diversity in Airport Businesses Contracting and Workforce Programs

ACRP 09-15 - Building Information Modeling (BIM) Beyond Design

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 14-40 - Transforming Roadside Management and Technology Practices for the Benefit of Safety, Ecology, and Economy

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(12) - Business Models to Facilitate Deployment of CV Infrastructure to Support AV Operations

NCHRP 20-44(25) - Workshop to Introduce Proposed Changes to AASHTO M 320 and M 332 to Key Stakeholder Groups

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 211 - Reducing Stormwater Runoff and Pollutant Loading with Biochar Addition to Highway Greenways

NCHRP IDEA 20-30/IDEA 218 - Development of a Fast and Cost Effective Asphalt Mixture Fatigue Test System

TCRP F-26 - Improving the Health and Safety of Transit Workers with Corresponding Impacts on the Bottom Line

TCRP J-11/Task 37 - Transit and Micro-Mobility (Bikeshare, Scooter-share, etc.)

Transit IDEA J-04/IDEA 96 - Multi-stage Planning for Electrifying Transit Bus Systems with Multiformat Charging Facilities

- Upcoming 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
  - NCHRP 08-132 - Accessing America's Great Outdoors: Forecasting Recreational Travel Demand
  - NCHRP 15-80 - Design Guidance and Standards for Resilience
  - 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 20-125 - Strategies for Incorporating Resilience into Transportation Networks
  - 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 Synthesis 20-05/Topic 52-01 - State of Practice on Infrastructure Inspections 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 and Benefits of Active Transportation Investments When Accomplished as Part of Other Roadway Projects
  - 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

Reports from the National Academies Press on Economic Impacts

- 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
Exploring Tax Policy to Advance Population Health, Health Equity, and Economic Prosperity

Committees & Panels

Sign-up to be a committee "Friend"

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
- ABJ55T - 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.)

Transportation Asset Management Summer MegaMeeting*
July 13, 2020
Online

Bridging Transportation Researchers Online Conference*
August 12, 2020
Online

Commodity Flow Survey Workshop
September 24-25, 2020
Washington, DC

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

Past Webinars
- Right-Sizing Transportation Investments – March 11, 2020
- Greener in Two Ways – Innovative Sustainability Solutions for Airports – March 2, 2020
- Future-Proof Your Airport – Integrating Airport Sustainability Projects - October 22, 2019
- Practices and Marketing to Increase Rural Transit Ridership and Investment - August 27, 2019
- Social and Economic Sustainability Metrics for Public Transportation – August 6, 2019
- Energetic Value: The Design and Economics of Microgrids at Airports – March 20, 2019

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

**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 l (202) 334-2989