TRB Snap Search: Social Equity & Underserved Populations

TRB’s involvement in research on Social Equity & Underserved Populations from 2020-2023

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 Social Equity & Underserved Populations within the past three years.

Specialty Report

- [Critical Issues in Transportation 2019](#)
- [COVID-19 Addendum to Critical Issues in Transportation](#)
- [Racial Equity Addendum to Critical Issues in Transportation](#)

Recent Reports & Publications

- **Airport Cooperative Research Program (ACRP)**
  - Report 241 - Toward a Touchless Airport Journey
  - Report 221 - Measuring Quality of Life in Communities Surrounding Airports
  - Report 217 - Guidance for Diversity in Airport Business Contracting and Workforce Programs
  - Report 210 - Innovative Solutions to Facilitate Accessibility for Airport Travelers with Disabilities
  - [Transportation Insights 1](#) – Systemic Inequality in the Airport Industry: Exploring the Racial Divide

- **National Cooperative Highway Research Program (NCHRP)**
  - NCHRP 20-113F - Topical White Papers for the TRB Forum on Automated Vehicles and Shared Mobility
  - Legal Research Digest 87 - Encampments of Unhoused Individuals in Transportation Rights-of-Way: Laws and State DOT Practices
  - Legal Research Digest 77 - Update of Selected Studies in Transportation Law, Volume 8, Section 1: Civil Rights and Transportation Agencies
  - Report 1036 – Guide for Roadway Cross Section Reallocation
  - Report 988 - Rural Transportation Issues: Research Roadmap
  - Report 932 - A Research Roadmap for Transportation and Public Health
  - Research Results Digest 403 – Program Management Insights for the Section 5310 Program, Including Subrecipient Consolidation and Urban 5310
  - Synthesis 559 - Emerging Challenges to Priced Managed Lanes
  - Web-Only Document 346 - Programmatic Issues of Future System Performance
  - Web-Only Document 281 - Integrating Tribal Expertise into Processes to Identify, Evaluate, and Record Cultural Resources

- **Special Reports**
  - Report 341 - Technical Feasibility of a Wheelchair Securement Concept for Airline Travel: A Preliminary Assessment
  - Report 337 - The Role of Transit, Shared Modes, and Public Policy in the New Mobility Landscape
• **Transit Cooperative Research Program (TCRP)**
  - **IDEA Report 98** - Safety Assessment of the Interaction Between the Autonomous Shuttle Bus and Vulnerable Road Users
  - **Report 239** – Provision of Alternative Services by Transit Agencies: The Intersection of Regulation and Program
  - **Report 228** - Resource Guide for Improving Diversity and Inclusion Programs for the Public Transportation Industry
  - **Report 223** - Guidebook and Research Plan to Help Communities Improve Transportation to Health Care Services
  - **Report 214** - Equity Analysis in Regional Transportation Planning Processes, Volume 1: Guide
  - **Report 214** - Equity Analysis in Regional Transportation Planning Processes, Volume 2: Research Overview
  - **Research Results Digest 115** - Use of Agency Service Agreements in ADA Paratransit Delivery
  - **Synthesis 167** - Partnerships for Equitable Pandemic Response and Recovery
  - **Synthesis 163** - Considering the Unbanked in Cashless Fare Payment at Point of Service for Bus/Demand-Response Services
  - **Synthesis 162** - Coordination of Public Transit Services and Investments with Affordable Housing Policies
  - **Synthesis 160** - Fare Capping: Balancing Revenue and Equity Impacts
  - **Synthesis 159** - Assessing Equity and Identifying Impacts Associated with Bus Network Redesigns
  - **Synthesis 152** - Transit Agency Relationships and Initiatives to Improve Bus Stops and Pedestrian Access
  - **Synthesis 147** - Attracting, Retaining, and Advancing Women in Transit

• **Transportation Research Circulars**
  - **E-C281** - Advancing Transportation Equity: Conference Summary and Action Brief
  - **E-C277** - 13th National Conference on Transportation Asset Management
  - **E-C270** - Opportunities for Research on Transportation and Equity
  - **E-C268** - Insights, Inclusion, and Impact: Framing the Future for Women in Transportation
  - **E-C267** - Summary of Transportation Research Needs Related to COVID-19
  - **E-C262** - TRANSED 2018: International Conference on Mobility and Transport for Older Adults and People with Disabilities

**Current & Upcoming Projects**

• **Current Projects**
  - **ACRP 02-99** - Incorporating Environmental Justice and Equity Principles and Data into Airport Decision-Making
  - **ACRP 11-08(21-02)** - ACRP Insight Event--Issues on Systemic Racism
  - **BTSCR B TS-13** - Communicating Safe Behavior Practices to Vulnerable Road Users
  - **BTSCR B TS-15** - Highway Safety Behavioral Strategies for Rural Areas
  - **BTSCR BTS-21** - Assessing and Mitigating Racial Disparities in the Enforcement of Pedestrian, Bicycle, and Micromobility Traffic-Related Laws
  - **NCHRP 08-142** - Virtual Public Involvement: A Manual for Effective, Equitable, and Efficient Practices for Transportation Agencies
  - **NCHRP 08-147 / TCRP B-49** - Improving Public Transportation in Rural Areas and Tribal Communities
  - **NCHRP 08-149** - Estimating Benefits of Closing Gaps in Active Transportation Networks
  - **NCHRP 08-162** - Guidance for Implementing Equitable Transportation Decision-making
  - **NCHRP 17-100** - Leveraging Artificial Intelligence and Big Data to Enhance Safety Analysis
  - **NCHRP 17-101** - Applying the Safe System Approach to Transportation Planning, Design, and Operations in the United States
  - **NCHRP 20-06/Task 26-01** - Effects of Indian Treaties on Development and Operation of Transportation Facilities
  - **NCHRP 20-65/Task 78** - Impact of Decline in Volunteerism on Rural Transit Systems
  - **NCHRP 20-65/Task 81** - Best Practices in Rural Service Assessment
  - **NCHRP Synthesis 20-05/Task 53-01** - Practices to Promote Equity in Transportation Funding
  - **NCHRP Synthesis 20-05/Task 54-20** - Pracitces to Promote Gender Equity in the DOT Workforce
  - **TCRP B-47** - Impact of Transformational Technologies on Underserved Populations
  - **TCRP B-49** - Improving Public Transportation in Rural Areas and Tribal Communities
  - **TCRP H-59** - Racial Equity, Black America and Public Transportation
  - **TCRP H-60** - Lessons Learned from Covid-19: Strategies to Enhance Racial and Social Equity Through Public Transportation As A Community Lifeline
  - **TCRP I-05/Topic 20-03** - Policing and Public Transportation
  - **TCRP I-11/Task 41** - Pathways to Effective, Inclusive, and Equitable Virtual Public Engagement for Public Transportation
Reports from the National Academies Press on Social Equity & Underserved Populations

- Resources on Diversity, Equity, and Inclusion
- Diversity and Inclusion in STEMM Collection
- Advancing Antiracism, Diversity, Equity, and Inclusion in STEMM Organizations
- Reducing Racial Inequality in Crime and Justice
- Suicide Prevention in Indigenous Communities
- Promoting Health Equity in Cancer Care
- Structural Racism and Rigorous Models of Social Inequity
- Addressing Structural Racism, Bias, and Health Communication as Foundational Drivers of Obesity
- The Impact of Juvenile Justice System Involvement on the Health and Well-Being of Youth, Families, and Communities of Color
- The Effects of Drug Control Policies on Individual and Community Health for People of Color
- Understanding and Offsetting Financial Barriers for Black Students in Science, Engineering, and Medicine
- Improving Representation in Clinical Trials and Research: Building Research Equity for Women and Underrepresented Groups
- Integrating Serious Illness Care into Primary Care Delivery
- Communities, Climate Change, and Health Equity
- Community Power in Population Health Improvement
CRP Panels
Task Forces

Committees & Panels

Sign-up to be a committee "Friend"

TRB Standing Committees – Search by transportation mode and committee topic

- AIE60 - Contracting Equity
- AIL20 - Transit and Intermodal Transportation Law
- AL000 - Legal Resources Group
- AME10 - Equity in Transportation
- AME20 - Women and Gender in Transportation
- AME30 - Native American Transportation Issues
- AME50 - Accessible Transportation and Mobility
- AME80 - Community Resources and Impacts
- AP055 - Rural Public and Intercity Bus Transportation
- B0154 - Review Evidentiary Protection for Public Transportation Safety Program Information
- B0176 - Data, Metrics, and Analytic Methods for Assessing Equity Impacts of Surface Transportation Funding Programs

Task Forces - Search for task force under committee here

CRP Panels

- D08131 - Access to Jobs, Economic Opportunities, and Education in Rural Areas
- D08144 - Best Practices in Determining Rural Transit Fleet Size – How to provide service for changing demographics of rural ridership (Right-sizing of rural transit fleets)
- D08147 - NCHRP 09-147/TCRP B-49 Improving Public Transportation in Rural Areas and Tribal Communities
- D08150 - Valuation of Transportation Equity in Active Transportation and Safety Investments
- D08152 - Strategies for Advancing Equity in Transportation Planning by Increasing Diversity, Equity, and Inclusiveness in The Transportation Planning Profession
- D08161 - Identify Emerging Approaches for Public Engagement to Meaningfully Involve Minorities, Low-Income, and Other Vulnerable Populations
- D08162 - Identify Practices and Policies to Advance Social Justice and Equity into Transportation Decision-Making
- D08169 - Equity, Diversity, and Inclusion, and Other Indicators to Improve Transportation Asset Management Impact and Outcomes
- D1922 - Future Equity Impacts of Existing Fuel Taxes
- D2010233 - Safety of Vulnerable Road Users in a C/AV Future
- D20122 - Workshop on Rural Transportation Issues and Needs
- D2012319 - Transportation Equity Research – A Roadmap
- D2024147 - Peer Exchange and Research to Identify Best Practices for Testing, Monitoring and Deployment of Automated Transportation Solutions to Support, Safety, Equity, and Operational Efficiency
- D231306 - Assessing the Equity and Workforce Mobility Implications of the Expansion of E-Commerce and Direct-to-Consumer Delivery Services
- DA0299 - Use of Equity and Environmental Justice Data to Support Airport Decision-Making
- DB015 - Highway Safety Strategies for Rural Communities
Recent and Upcoming Events

Upcoming TRB Conferences – Use left hand menu to filter events

**TRB International Conference on Low Volume Roads**
July 23-26, 2023
Cedar Rapids, IA

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

**TRB Webinar: Career Series #2 – Sustainable Mobility: New and Expanding Opportunities**
February 22, 2023

**TRB Webinar: Advancing Transportation Equity—Key Insights from 2021 and Looking to 2024**
March 9, 2023

**TRB Webinar: Career Series #3 – Transportation Equity: Community-Building in Action**
March 22, 2023

Past Events - In the Past Events tab under Types, choose what event you are interested in, search titles by keyword

**TRB Webinar: Fare-Free Transit Policies and Programs—An Evaluation Framework**
January 24, 2023

**Accelerating Decarbonization in the United States: Technology, Policy, and Societal Dimensions | Transformative Climate Communities - Lessons Learned and Best Practices**
January 6, 2023

**TRB Webinar: Trends in Transit Ridership—Analysis, Causes, and Responses**
December 13, 2022

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](http://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](http://trt.trb.org) – A tool to improve the indexing and retrieval of transportation information.

• **Research in Progress (RiP) Database** – [rip.trb.org](http://rip.trb.org) - Current or recently completed transportation research projects

• **Publications Index (PubsIndex) Database** – [pubsindex.trb.org](http://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](mailto:TRBLibrary@nas.edu)