TRB Snap Search: Underserved Populations

TRB’s involvement in research on Underserved Populations from 2020-2022

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

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 Underserved Populations within the past two 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 217 - Guidance for Diversity in Airport Business Contracting and Workforce Programs
  - Report 210 - Innovative Solutions to Facilitate Accessibility for Airport Travelers with Disabilities

- National Cooperative Highway Research Program (NCHRP)
  - NCHRP 20-65/Task 76 - Opportunities for State DOTs (and Others) to Encourage Shared Use Mobility Practices in Rural Areas
  - Report 988 - Rural Transportation Issues: Research Roadmap
  - Web-Only Document 281 - Integrating Tribal Expertise into Processes to Identify, Evaluate, and Record Cultural Resources

- Special Reports / Consensus Studies
  - Report 341 - Technical Feasibility of a Wheelchair Securement Concept for Airline Travel: A Preliminary Assessment

- Transit Cooperative Research Program (TCRP)
  - IDEA Brochure - Innovation in Action: Accomplishments of the Transit IDEA (Innovations Deserving Exploratory Analysis) Program
  - Research Results Digest 115 - Use of Agency Service Agreements in ADA Paratransit Delivery
  - 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 2: Research Overview
  - 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-Circular 268 - Insights, Inclusion, and Impact: Framing the Future for Women in Transportation
  - E-Circular 262 - TRANSED 2018

Updated 06/03/2022
Current & Upcoming Projects

- **Current Projects**
  - ACRP 01-48 - Assessing Airport Programs for Travelers with Disabilities and Older Adults
  - ACRP 11-42 / Task 41 - Toward a Touchless Airport Journey
  - BTSCRPT BTS-13 - Communicating Safe Behavior Practices to Vulnerable Road Users
  - BTSCRPT BTS-15 - Highway Safety Behavioral Strategies for Rural Areas
  - NCHRP 08-131 - Access to Jobs, Economic Opportunities, and Education in Rural Areas
  - NCHRP 08-147 / TCRP B-49 - Improving Public Transportation in Rural Areas and Tribal Communities
  - 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 / Topic 53-01 - Practices to Promote Equity in Transportation Funding
  - TCRP B-47 - Impact of Transformational Technologies on Underserved Populations
  - TCRP B-48 - The Provision of Alternative Services by Transit Agencies: The Intersection of Regulation and Program Objectives
  - TCRP B-49 - Improving Public Transportation in Rural Areas and Tribal Communities
  - TCRP Synthesis J-07 / Topic SB-32 - Use of Agency Trip Agreements in ADA Paratransit Service Delivery and Addressing Changing Demographics
  - Transit IDEA J-04 / IDEA 91 - Comprehensive Wayfinding for All (CWall)
  - Transit IDEA J-04 / IDEA 98 - Safety Assessment of the Interaction Between the Autonomous Shuttle Bus and Vulnerable Road Users
  - Transit IDEA J-04 / IDEA 100 - TrainMate Robotic System: Making Public Transportation, Public

- **Upcoming Projects**
  - NCHRP 05-25 - Guide to the Contextual Application of Overhead Lighting on Highways
  - NCHRP 08-130 - Best Practices in Coordination of Public Transit and Ride Sharing
  - NCHRP 08-149 - Estimating Benefits of Closing Gaps in Active Transportation Networks
  - NCHRP 08-152 - Strategies for Advancing Equity in Transportation Planning by Increasing Diversity, Equity, and Inclusiveness in The Transportation Planning Profession
  - NCHRP 08-159 - How to Assess and Address Equity of Access to Essential Goods and Services in Rural Areas
  - NCHRP 08-160 - Guide to Identify and Mitigate the Negative Effects of Gentrification Caused by Transportation Investment
  - NCHRP 08-161 - Cultivating Accountability Through Meaningful Public Engagement
  - 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 19-22 - Future Equity Impacts of Existing Fuel Taxes
  - NCHRP 20-06 / Topic 26-01 - Effects of Indian Treaties on Development and Operation of Transportation Facilities
  - NCHRP 20-102(33) - Safety of Vulnerable Road Users in a C/AV Future
  - NCHRP 23-13(06) - Assessing the Equity and Workforce Mobility Implications of the Expansion of E-commerce and Direct-to-Consumer Delivery Services
  - NCHRP Synthesis 20-05 / Topic 54-20 - Practices to Promote Gender Equity in the DOT Workforce
  - TCRP B-50 - Accessible Public Bus and Rail Passenger Information for Riders with Vision Disabilities
  - TCRP H-60 - Lessons Learned from Covid-19: Strategies to Enhance Racial and Social Equity Through Public Transportation As A Community Lifeline
  - TCRP J-11 / Task 42 - Transportation Services for People With Disabilities and Older Adults during a Pandemic and Other Emergencies: Lessons Learned during the Covid-19 Pandemic
  - TCRP Synthesis J-07 / Topic SB-38 - Accessible Vehicles Fleet Configuration

Reports from the National Academies Press on Underserved Populations

- Improving Representation in Clinical Trials and Research: Building Research Equity for Women and Underrepresented Groups
- Integrating Serious Illness Care into Primary Care Delivery
- Selected Immune Disorders and Disability
- Companion Animals as Sentinels for Predicting Environmental Exposure Effects on Aging and Cancer Susceptibility in Humans
- Service Life Assessment and Predictive Modeling for an Aging Critical Infrastructure
- Reducing the Impact of Dementia in America
- Rental Eviction and the COVID-19 Pandemic
- Implementing High-Quality Primary Care
Committees & Panels

Sign-up to be a committee "Friend"

TRB Standing Committees - Search by transportation mode and committee topic
- A0040C - Rural Transportation Issues Coordinating Council
- AME10 - Equity in Transportation
- AME20 - Women and Gender in Transportation
- AME30 - Native American Transportation Issues
- AME50 - Accessible Transportation and Mobility
- AP055 - Rural Public and Intercity Bus Transportation

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 08-147/TCRP B-49 Improving Public Transportation in Rural Areas and Tribal Communities
- D08161 - Identify Emerging Approaches for Public Engagement to Meaningfully Involve Minorities, Low-Income, and Other Vulnerable Populations
- D2010233 - Safety of Vulnerable Road Users in a C/AV Future
- D20122 - Workshop on Rural Transportation Issues and Needs
- DB015 - Highway Safety Strategies for Rural Communities
- SN5111 - Lighting Practices for Isolated Rural Intersections
- STSB32 - Use of Agency Trip Agreements in ADA Paratransit Service Delivery
- STSB36 - Dynamic Optimization on ADA Paratransit Service
- STSG19 - Paratransit Service Delivery Models for Small Systems
- TB46 - Tactile Walking Surface Indicators to aid Wayfinding for Visually Impaired Travelers in Multimodal Travel
- TB48 - Assessment of Transit Agency-Sponsored Alternative Services Offered to ADA Paratransit Customers: Intersection of Regulation and Program Objectives

Councils
- A001C - Young Members Coordinating Council

Upcoming TRB Conferences - Use left hand menu to filter events

TRANSED: Mobility, Accessibility, and Demand Response Transportation Conference
September 12-16, 2022
Online

Conference on Scenario Planning in Transportation Planning
September 19-21, 2022
Washington, D.C.

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

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

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 (PubsIndex) 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