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:

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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 Pedestrian & Bicycle within the past year.

Subject Webpage

- [Pedestrian & Bicyclist Research at TRB](#)

Specialty Reports

- [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 246 - Airside Operations Safety: Understanding the Effects of Human Factors
- [Behavioral Traffic Safety Cooperative Research Program (BTSCRP)](#)
  - Research Results Digest 1 - E-Scooter Safety: Issues and Solutions
- [National Cooperative Highway Research Program (NCHRP)](#)
  - IDEA Report 209 - An Automated System for Pedestrian Facility Data Collection from Aerial Images
  - Report 992 - Guide to Pedestrian Analysis
  - Report 969 - Traffic Signal Control Strategies for Pedestrians and Bicyclists
  - Report 948 - Guide for Pedestrian and Bicyclist Safety at Alternative and Other Intersections and Interchanges
  - Synthesis 564 - Practices for Selecting Pedestrian and Bicycle Projects
  - Web-Only Document 312 - Enhancing Pedestrian Volume Estimation and Developing HCM Pedestrian Methodologies for Safe and Sustainable Communities
- [Transit Cooperative Research Program (TCRP)](#)
  - IDEA Report 98 - Safety Assessment of the Interaction Between the Autonomous Shuttle Bus and Vulnerable Road Users
  - Report 230 - Transit and Micromobility
  - Synthesis 152 - Transit Agency Relationships and Initiatives to Improve Bus Stops and Pedestrian Access

Current & Upcoming Projects
• **Current Projects**
  - [BTSRP BTS-21](#) - Assessing and Mitigating Racial Disparities in the Enforcement of Pedestrian, Bicycle, and Micromobility Traffic-Related Laws
  - [NCHRP 03-136](#) - Evaluating the Performance of Right-Turn-On-Red Operation at Signalized Intersections (with single and dual right-turn lanes)
  - [NCHRP 08-149](#) - Estimating Benefits of Closing Gaps in Active Transportation Networks
  - [NCHRP 15-73](#) - Design Options to Reduce Turning Motor Vehicle–Bicycle Conflicts at Intersections
  - [NCHRP 15-74](#) - Safety Evaluation of On-Street Bikeway Designs
  - [NCHRP 17-56](#) - Development of Crash Modification Factors for Uncontrolled Pedestrian Crossing Treatments
  - [NCHRP 17-97](#) - Strategies to Improve Pedestrian Safety at Night
  - [NCHRP 20-44(35)](#) - Implementation for NCHRP Research Report 948 — Guide for Pedestrian and Bicycle Safety at Alternative Intersections and Interchanges
  - [NCHRP 22-37](#) - Development of a MASH Barrier to Shield Pedestrians, Bicyclists, and Other Vulnerable Users from Motor Vehicles
  - [TCRP Synthesis J-07/Topic SA-54](#) - Pedestrian and Bicycle Safety in Bus/BRT Corridors

• **Upcoming Projects**
  - [ACRP 06-08](#) - Human Factors in Airport Airside Operations
  - [NCHRP 07-31](#) - State DOT Usage of Bicycle and Pedestrian Data: Practices, Sources, Needs, and Gaps
  - [NCHRP 08-163](#) - Defining Appropriate Design and Accommodation Thresholds for Active Transportation in a Context-Driven Approach
  - [NCHRP 08-164](#) - Institutional Integration of Active Transportation
  - [NCHRP 08-165](#) - Integrating Active Transportation Data into Transportation Decision-Making
  - [NCHRP 08-166](#) - Racial and Economic Disparities in Pedestrian and Bicycle Safety
  - [NCHRP 17-102](#) - Safety Performance for Active Transportation Modes Using Exposure Models
  - [NCHRP 17-106](#) - Motorist Behavior and Safety Impacts on Bicyclists from Centerline and Shoulder Rumble Strips on High-Speed Two-Lane Highways
  - [NCHRP 17-111](#) - Speed Management Solutions and Strategies to Improve Pedestrian and Bicyclist Safety on Arterial Roadways
  - [NCHRP 17-112](#) - Enhancing Highway Safety Manual Guidance on Pedestrian and Bicyclist Countermeasures (CMF/SPF Development)
  - [NCHRP 17-115](#) - Pedestrian Crosswalk Spacing and Placement Guidance to Improve Safety
  - [NCHRP 19-23](#) - New Mobility and the User Fee Concept
  - [NCHRP 20-102(33)](#) - Safety of Vulnerable Road Users in a C/AV Future
  - [TCRP J-11/Task 44](#) - Improving Access to Public Transit with Transit-Oriented Streets

Reports from the [National Academies Press](#) on Pedestrian & Bicycle
  - [Transportation and Infrastructure » Pedestrians and Bicyclists](#)
  - [Dialogue About the Workforce for Population Health Improvement](#)
  - [Global Roadmap for Healthy Longevity](#)
  - [Traumatic Brain Injury: A Roadmap for Accelerating Progress](#)
  - [Leveraging Health Communication, Data, and Innovative Approaches for Sustainable Systems-Wide Changes to Reduce the Prevalence of Obesity](#)
  - [Harnessing the Value of Co-Creating and Stewarding Places for Health, Equity, and Well-Being](#)

Committees & Panels

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**TRB Standing Committees** – Search by transportation mode and committee topic
  - [ACH00](#) - Pedestrians, Bicycles, Human Factors
  - [ACH10](#) - Pedestrians
  - [ACH20](#) - Bicycle Transportation
  - [AME40](#) - Transportation in the Developing Countries
  - [AMES0](#) - Accessible Transportation and Mobility
  - [AP045](#) - Passenger Intermodal Facilities
  - [AP050](#) - Bus Transit Systems

**Task Forces** - Search for *task force* under committee here

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CRP Panels
- D03141 - Guidance on Midblock Pedestrian Signals
- D03143 - Warrants for a Pedestrian Traffic Control Signal and for Other Pedestrian Traffic Control Devices
- D08166 - Racial and Economic Disparities in Pedestrian and Bicyclist Safety
- D0378 - Crossing Treatments at Roundabouts and Channelized Turn Lanes for Pedestrians with Vision Disabilities
- D0731 - State DOT usage of bicycle and pedestrian data: practices, sources, needs, and gaps/practices and recommendations in reporting and integrating non-fatal injury data for active travel modes
- D1573 - Design Options to Reduce Turning Motor Vehicle Bicycle Conflicts at Intersections
- D1574 - Safety Evaluation of On-Street Bicycle Facility Design Features
- D17111 - Speed Management Solutions and Strategies to Improve Pedestrian and Bicyclist Safety on Arterial Roadways
- D17112 - Enhancing Highway Safety Manual Guidance on Pedestrian and Bicyclist Countermeasures (CMF/SPF Development)
- D17115 - Pedestrian Crosswalk Spacing and Placement Guidance to Improve Safety
- D1784 - Pedestrian and Bicycle Safety Performance Functions for the Highway Safety Manual
- D1797 - Strategies to Improve Pedestrian Safety at Night
- D2237 - Development of a MASH Barrier to Shield Pedestrians, Bicyclists, and Other Vulnerable Users from Motor Vehicles
- D8010 - E-Scooter Safety: Issues and Solutions
- D8013 - Communicating Safe Behavior Practices to Pedestrians, Bicyclists and Motorcyclists
- D8019 - Moped and Motor Scooter (50 cc or less) Safety: Issues and Countermeasures
- D8021 - Equity in Pedestrian and Bicyclist Mobility, Safety, and Health: The Impact of Racial Bias
- SN4908 - Synthesis of Pedestrian Injuries and Fatalities Relative to Traffic Speed
- SN5010 - Availability of Pedestrian Infrastructure Data For Routing and Network Analysis
- SN5312 - Practices for Adding Bicycle and Pedestrians Access on Existing Vehicle Bridges
- STSA54 - Pedestrian and Bicycle Safety in Bus/BRT Corridors

Councils
- A001C – Young Member Coordinating Council
- A0030C – City Transportation Issues Coordinating Council

Recent and Upcoming Events

Upcoming TRB Conferences – Use left hand menu to filter events

- **International Conference on Road Weather and Winter Maintenance**
  *May 9-10, 2023*  
  *Washington, D.C.*

- **Innovations in Travel Analysis and Planning Conference**
  *June 4-6, 2023*  
  *Indianapolis, IN*

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

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- Reference and research assistance
- Literature searches
- Articles for TRB Committee work

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- **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

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