



TRB Snap Search: Pedestrian & Bicycle

TRB's involvement in research on Pedestrian & Bicycle from 2017-2018

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 Pedestrian & Bicycle within the past year.

Subject Webpage

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

Recent Reports & Publications

- [Conference & Workshop Proceedings](#)
 - [Proceedings on the Web 21](#) - Pedestrian and Bicycle Safety: Summary of the 10th University Transportation Centers Spotlight Conference
- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [Report 841](#) - Development of Crash Modification Factors for Uncontrolled Pedestrian Crossing Treatments
 - [Report 834](#) - Crossing Solutions at Roundabouts and Channelized Turn Lanes for Pedestrians with Vision Disabilities: A Guidebook
 - [Web-Only Document 229](#) - Methods and Technologies for Pedestrian and Bicycle Volume Data Collection: Phase 2
- [Transportation Research Record: Journal of the Transportation Research Board](#)
 - [Volume 2666](#) - The Path of Least Resistance - Identifying Supporters of Public and Active Transportation Projects
 - [Volume 2666](#) - Built Environment and Walking to School
 - [Volume 2665](#) - Examination of Clusters for Better Understanding Commuter Cyclists' Travel Behavior
 - [Volume 2661](#) - Pedestrians
 - [Volume 2660](#) - High-Visibility Enforcement on Driver Compliance with Pedestrian Right-of-Way Laws
 - [Volume 2650](#) - Carsharing Versus Bikesharing
 - [Volume 2644](#) - Traffic Monitoring – Automobiles, Trucks, Bicycles, and Pedestrians
 - [Volume 2636](#) - Development of Crash Modification Factors for Uncontrolled Pedestrian Crossing Treatments
 - [Volume 2634](#) - Analysis of Pedestrian Movement on Delhi Roads by Using Naturalistic Observation Techniques
 - [Volume 2634](#) - Modeling Pedestrian Level of Service at Signalized Intersection Under Mixed Traffic Conditions
 - [Volume 2634](#) - Study on Pedestrian Risk Exposure at Unsignalized Intersection in a Country with Extreme Vehicle Heterogeneity and Poor Lane Discipline
 - [Volume 2634](#) - Defining a Primary Market for Bikesharing Programs
 - [Volume 2634](#) - Service Evaluation of Public Bicycle Scheme from a User Perspective
 - [Volume 2634](#) - Understanding the Utilization Characteristics of Bicycle-Sharing Systems in Underdeveloped Cities
 - [Volume 2634](#) - Investigating Electric Bicycles as a Travel Mode Choice for Escorting Children to School
 - [Volume 2623](#) - Route-Choice Modeling for Pedestrian Evacuation Based on Infrastructure Knowledge and Personal Preferences
 - [Volume 2622](#) - Pedestrian Crowd Dynamics Observed at Merging Sections
 - [Volume 2621](#) - Vehicle-to-Pedestrian Communication Modeling and Collision Avoiding Method in Connected Vehicle Environment
 - [Volume 2620](#) - Leading Pedestrian Intervals - Treating the Decision to Implement as a Marginal Benefit–Cost

- Problem
- [Volume 2615](#) - Modeling Pedestrian Delays at Signalized Intersections as a Function of Crossing Directions and Moving Paths
- [Volume 2605](#) - Ballpark Method for Estimating Pedestrian and Bicyclist Exposure in Seattle, Washington
- [Volume 2605](#) - Equity of Bikeway Distribution in Minneapolis, Minnesota

Current & Upcoming Projects

- [Current Projects](#)
 - [NCHRP 03-62](#) - Guidelines for Accessible Pedestrian Signals
 - [NCHRP 07-25](#) - Guide for Pedestrian and Bicycle Safety at Alternative Intersections and Interchanges (A.I.I.)
 - [NCHRP 08-102](#) - Bicyclist Facility Preferences and Effects on Increasing Bicycle Trips
 - [NCHRP 15-45](#) - Proposed Update of the AASHTO Guide for the Planning, Design, and Operation of Pedestrian Facilities
 - [NCHRP 15-56](#) - Development of Crash Modification Factors for Uncontrolled Pedestrian Crossing Treatments
 - [NCHRP 15-60](#) - Proposed Update of the AASHTO Guide for the Development of Bicycle Facilities
 - [NCHRP 15-63](#) - Guidance to Improve Pedestrian and Bicycle Safety at Intersections
 - [NCHRP 17-73](#) - Systemic Pedestrian Safety Analyses
 - [NCHRP 17-84](#) - Pedestrian and Bicycle Safety Performance Functions for the Highway Safety Manual
 - [NCHRP Synthesis 20-05/Topic 49-08](#) - Pedestrian Safety Relative to Traffic Speed Management
- [Upcoming Projects](#)
 - [NCHRP 17-87](#) - Enhancing Pedestrian Volume Estimation and Developing HCM Pedestrian Methodologies for Safe and Sustainable Communities

Reports from the [National Academies Press](#) on Pedestrian & Bicycle

- [Multisector Community Health Partnerships: Potential Opportunities and Challenges: Proceedings of a Workshop—in Brief](#)
- [Communities in Action: Pathways to Health Equity](#)
- [Strengthening the Workforce to Support Community Living and Participation for Older Adults and Individuals with Disabilities: Proceedings of a Workshop](#)
- [Advancing the Science to Improve Population Health: Proceedings of a Workshop](#)

Committees & Panels

[Sign-up to be a committee "Friend"](#)

[Technical Activities Division Standing Committees](#) – Search by transportation mode and committee topic

- [ABE30](#) – Transportation Issues in Major Cities
- [ABE60](#) – Accessible Transportation and Mobility
- [ABF00](#) – Pedestrians and Cycles
- [ABF10](#) – Pedestrians
- [ABF20](#) – Bicycle Transportation

[Task Forces](#) - Search for *task force* under committee here

CRP Panels

- [Project Panels Related to Pedestrians and Bicyclists](#)

Councils

- [A0040T](#) – Young Member Council

Recent and Upcoming Events

[Conferences \(co-sponsored by TRB\)](#) - Left hand menu “upcoming conferences by topic”

[Transport Research Arena 2018*](#)

April 16-19, 2018

Vienna, Austria

[National Household Travel Survey \(NHTS\) Data for Transportation Applications Workshop](#)

May 15-16, 2018

Washington, DC

[Road Safety on Five Continents \(RS5C\)*](#)

May 16-18, 2018
Jeju Island, South Korea

[7th International Conference on Innovations in Travel Modeling \(ITM\)](#)
June 24-27, 2018
Atlanta, Georgia

[16th National Tools of the Trade Transportation Planning Conference](#)
August 22-24, 2018
Kansas City, Missouri

[Webinars](#) – View upcoming webinars, suggest a webinar or add registration information

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

Practice Ready Papers (PRP) Database - Papers with information that is ready for immediate implementation or requires minimal additional research or implementation effort - prp.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 1 (202) 334-2989