

 TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Education & Training

TRB's involvement in research on Education & Training from 2019-2022

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

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 Education & Training 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 \(ACRP\)](#)
 - [Impacts on Practice](#) - Defining Leadership Roles at the Athens-Ben Epps Airport
 - [Report 232](#) - Playbook for Cultivating Talent in the Airport Environment
 - [Report 230](#) - Enhancing Academic Programs to Prepare Future Airport Industry Professionals
 - [Report 229](#) - Airport Collaborative Decision Making (ACDM) to Manage Adverse Conditions
 - [Report 202](#) - Developing Innovative Strategies for Aviation Education and Participation
 - [Synthesis 112](#) - Airport Operations Training at Small Airports
 - [Web-Only Document 52](#) - Command-Level Decision Making for Transportation Emergency Managers
 - [Web-Only Document 49](#) - Research Roadmap on Airport Administration & Human Resource Issues
- [Behavioral Traffic Safety Cooperative Research Program \(BTSCRCP\)](#)
 - [Report 1](#) - Using Electronic Devices While Driving: Legislation and Enforcement Implications
- [National Cooperative Highway Research Program \(NCHRP\)](#)
 - [Report 931](#) - A Guide to Emergency Management at State Transportation Agencies
 - [Report 930](#) - Update of Security 101: A Physical Security and Cybersecurity Primer for Transportation Agencies
 - [Synthesis 547](#) - Advancements in Use of Geophysical Methods for Transportation Projects
 - [Synthesis 533](#) - Very Short Duration Work Zone Safety for Maintenance and Other Activities
 - [Web-Only Document 294](#) - Revised Clear-Water and Live-Bed Contraction Scour Analysis Training Manual
 - [Web-Only Document 285](#) - Developing a Guide for Quantitative Approaches to Systemic Safety Analysis
- [Transit Cooperative Research Program \(TCRP\)](#)
 - [IDEA Report 88](#) - Evaluation of an Automatic, Individual Computer-Based Driver Education and Training Program
 - [Web-Only Document 75](#) - Command-Level Decision Making for Transportation Emergency Managers

Current & Upcoming Projects

- [Current Projects](#)
 - [ACRP 02-94](#) - Update ACRP WebResource 4: Airport Air Quality Resource Library
 - [BTSCRCP BTS-16](#) - Developing Driver Skills Examination and Scoring Guidance for Evaluating and Predicting High Safety Risk Drivers

- [BTSCRP BTS-23](#) - Outcomes of Variability in Teen Driving Experience and Exposure: Evidence from the Naturalistic Driving Study
- [NCHRP 08-123](#) - Census Transportation Data Field Guide for Transportation Applications
- [NCHRP 15-69](#) - Utility Conflict Impacts During Highway Construction
- [NCHRP 20-44\(26\)](#) - Implementing Guide Specifications for the Construction of Chip Seals, Micro Surfacing, and Fog Seals
- [Rail Safety IDEA Project 43](#) - Augmenting Reality for Safer Inspections of Railroad Infrastructure and Operations
- [TCRP F-28](#) - Practitioner's Guide to Bus Operator Workforce Management
- [Upcoming Projects](#)
 - [ACRP 02-101](#) - Environmental Stewardship and Compliance Training for Airport Employees
 - [ACRP 04-29](#) - Transportation Emergency Response Application (TERA): Migration Options Beyond 2020
 - [ACRP 04-31](#) - Providing Adequate and Balanced Trainer Facilities for Required and Recurrent Training for Airport Firefighter
 - [ACRP 04-34](#) - Best Practices for Building and Improving an Aircraft Rescue and Firefighting Program
 - [ACRP 09-22](#) - Guidance for Small Airports on Safe Maintenance of Airfield Electrical Systems
 - [BTSCRP BTS-18](#) - Objectives, Components, and Measures of Effective Traffic Safety Public Awareness and Education Efforts
 - [BTSCRP BTS-25](#) - Economic Evaluations of Roadside Driving Under the Influence of Drugs (DUID) Programs
 - [BTSCRP BTS-26](#) - Determining the State of Knowledge, Opportunities for Outreach, and Data-driven Tools for Consumer Education of Advanced Driver Assistance Systems (ADAS)
 - [NCHRP 08-159](#) - How to Assess and Address Equity of Access to Essential Goods and Services
 - [NCHRP 20-102\(20\)](#) - Preparing the Transportation Workforce for the Deployment of Emerging Technology
 - [NCHRP 20-121A](#) - Countering Human Trafficking: A Toolkit for State DOTs
 - [NCHRP Synthesis 20-05/Topic 54-15](#) - Prevention and Mitigation of Surficial Slope Failures on Highway Embankment Slopes
 - [NCHRP Synthesis 20-05/Topic 54-20](#) - Advancing Gender Equity in the DOT Workforce
 - [TCRP A-36A](#) - Transportation Emergency Response Application (TERA): Migration Options Beyond 2020

Reports from the [National Academies Press](#) on Education & Training

- [Topic – Education](#)
- [Police Training to Promote the Rule of Law and Protect the Population](#)
- [Exploring the Role of Health Professional Students and Trainees as Members of the Health Workforce During Crises](#)
- [Re-envisioning Postdoctoral Training in Neuroscience](#)
- [Evolving the Culture of Science and Training in Neuroscience to Meet a Changing World](#)
- [Neuroscience Training in Challenging Times](#)
- [Racial Justice, Diversity, Equity, and Inclusion in Neuroscience Training](#)

Committees & Panels

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

[TRB Standing Committees](#) – Search by transportation mode and committee topic

- [ACH60](#) – Vehicle User Education, Training, and Licensing
- [ACS40](#) – Occupant Protection
- [AED60](#) - Statistical Methods
- [AEP70](#) – Environmental Analysis and Ecology
- [AIE45](#) - Information and Knowledge Management
- [AIL70](#) - Tort Liability and Risk Management
- [AKR10](#) - Maintenance and Operations Management
- [AKR40](#) - Winter Maintenance
- [AKT20](#) - Pavement Preservation
- [AT040](#) - Transportation of Hazardous Materials
- [AT060](#) - Trucking Industry Research
- [B0175](#) - Emerging Trends in Aviation Safety
- [E1008](#) - Rail Safety Innovations Deserving Exploratory Analysis (IDEA) Program Committee

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

CRP Panels

- [D80131](#) - Access to Jobs, Economic Opportunities, and Education in Rural Areas

- [D0225](#) – Workforce 2030: Recruiting and Training the Next Generation Transportation Construction Workforce
- [D1783](#) - Implementation and Training Materials for the Highway Safety Manual, Second Edition
- [D08159](#) - Understand How Accessibility to Employment, Health Care, Education, and Other Vital Needs Varies for Different Population Groups in Different Settings, and Methods for Effectively Assessing Mobility and Accessibility Needs
- [DA0922](#) - Cost-Effective Training for Airfield Electricians at Small Airports
- [DB018](#) - Understanding the Effectiveness of Public Awareness Educational Campaigns (non-law enforcement) and the Necessary Components Critical for Success
- [DB026](#) - Determining the State of Knowledge, Opportunities for Outreach, and Data-driven Tools for Consumer Education of Advanced Driver Assistance Systems (ADAS)
- [SAS1016](#) - Airport Operations Training at Small Airports
- [STSB35](#) - Customer Education and Awareness of On-Demand Mobility

Councils

- [A001C](#) – Young Members Coordinating Council

Recent and Upcoming Events

[Upcoming TRB Conferences](#) – Use left hand menu to filter events

[Symposium on Visualization in Transportation](#)

November 3-4, 2022

Washington, D.C.

[National Aviation System Planning Symposium](#)

May 15-18, 2023

Irvine, CA

[National Conference on Transportation Asset Management](#)

July 8-11, 2023

Boston, MA

[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