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)
  - Report 246 - Airside Operations Safety: Understanding the Effects of Human Factors
  - 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
  - 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 (BTSCRP)
  - Report 1 - Using Electronic Devices While Driving: Legislation and Enforcement Implications

- National Cooperative Highway Research Program (NCHRP)
  - Report 1008 - Attracting, Retaining, and Developing the 2030 Transportation Workforce: Design, Construction, and Maintenance
  - 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

- 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
- Developing Driver Skills Examination and Scoring Guidance for Evaluating and Predicting High Safety Risk Drivers
- Outcomes of Variability in Teen Driving Experience and Exposure: Evidence from the Naturalistic Driving Study
- Census Transportation Data Field Guide for Transportation Applications
- Utility Conflict Impacts During Highway Construction
- Implementing Guide Specifications for the Construction of Chip Seals, Micro Surfacing, and Fog Seals
- Prevention and Mitigation of Surficial Slope Failures on Highway Embankment Slopes
- Advancing Gender Equity in the DOT Workforce
- Augmenting Reality for Safer Inspections of Railroad Infrastructure and Operations
- Practitioner’s Guide to Bus Operator Workforce Management

• Upcoming Projects
- Environmental Stewardship and Compliance Training for Airport Employees
- Transportation Emergency Response Application (TERA): Migration Options Beyond 2020
- Providing Adequate and Balanced Trainer Facilities for Required and Recurrent Training for Airport Firefighter
- Best Practices for Building and Improving an Aircraft Rescue and Firefighting Program
- Guidance for Small Airports on Safe Maintenance of Airfield Electrical Systems
- Objectives, Components, and Measures of Effective Traffic Safety Public Awareness and Education Efforts
- Economic Evaluations of Roadside Driving Under the Influence of Drugs (DUID) Programs
- Determining the State of Knowledge, Opportunities for Outreach, and Data-driven Tools for Consumer Education of Advanced Driver Assistance Systems (ADAS)
- How to Assess and Address Equity of Access to Essential Goods and Services
- Preparing the Transportation Workforce for the Deployment of Emerging Technology
- Countering Human Trafficking: A Toolkit for State DOTs
- Transportation Emergency Response Application (TERA): Migration Options Beyond 2020

Reports from the National Academies Press on Education & Training
- Topic – Education
- Transportation and Infrastructure » Education and Training
- A Vision and Roadmap for Education Statistics
- The Future of Education Research at IES: Advancing an Equity-Oriented Science
- Imagining the Future of Undergraduate STEM Education
- Rebuilding Research, Education, and Innovation in Ukraine
- 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
- Vehicle User Education, Training, and Licensing
- Occupant Protection
- Statistical Methods
- Environmental Analysis and Ecology
- Information and Knowledge Management
- Tort Liability and Risk Management
- Maintenance and Operations Management
- Winter Maintenance
- Pavement Preservation
- Transportation of Hazardous Materials
Recent and Upcoming Events

Upcoming TRB Conferences – Use left hand menu to filter events

**National Aviation System Planning Symposium**
*May 15-18, 2023*
*Irving, CA*

**Marine Transportation System Innovative Science and Technologies Toward Greater Sustainability**
*June 19-22, 2023*
*Washington, D.C.*

**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](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