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.

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 for 2024 and Beyond
- 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
  - Web-Only Document 6 - Communicating Safe Behavior Practices to Vulnerable Road Users

- National Cooperative Highway Research Program (NCHRP)
  - Report 1059 - Access to Jobs, Economic Opportunities, and Education in Rural Areas
  - Report 1027 - Guide to Recruiting, Developing, and Retaining Transportation Infrastructure Construction Inspectors
  - 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
  - Web-Only Document 337 - Training and Certification of Construction Inspectors for Transportation Infrastructure

- Rail Safety IDEA Program
• **IDEA Report 43** - Augmenting Reality for Safer Inspections of Railroad Infrastructure and Operations

**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

**Recently Completed Projects/Pending Publication**

- **NCHRP 08-123** - Census Transportation Data Field Guide for Transportation Applications
- **NCHRP 20-44(26)** - Implementing Guide Specifications for the Construction of Chip Seals, Micro Surfacing, and Fog Seals

**Current & Upcoming Projects**

**Current Projects**

- **ACRP 02-94** - Update ACRP WebResource 4: Airport Air Quality Resource Library
- **ACRP 02-101** - Environmental Stewardship and Compliance Training for Airport Employees
- **ACRP 04-34** - A Guide for Building, Maintaining, and Improving ARFF Programs
- **ACRP 09-22** - Guidance for Small Airports on Safe Maintenance of Airfield Electrical Systems
- **BTS/CRP BTS-16** - Developing Driver Skills Examination and Scoring Guidance for Evaluating and Predicting High Safety Risk Drivers
- **BTS/CRP BTS-18** - Objectives, Components, and Measures of Effective Traffic Safety Public Awareness and Education Efforts
- **BTS/CRP BTS-23** - Outcomes of Variability in Teen Driving Experience and Exposure: Evidence from the Naturalistic Driving Study
- **BTS/CRP BTS-26** - Advanced Driver Assistance Systems (ADAS) Education and Outreach
- **NCHRP 15-69** - Utility Conflict Impacts During Highway Construction
- **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
- **NCHRP Synthesis 20-05/Topic 55-12** - Bridge Construction Inspection Training Resources and Practices

**Upcoming Projects**

- **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 Firefighters
- **ACRP 04-34** - A Guide for Building, Maintaining, and Improving ARFF Programs
- **ACRP 11-04C** - ACRP Academic Programs – Secondary Education Opportunities
- **BTS/CRP BTS-32** - Formative Research and Resources to Prevent Cannabis Impaired Driving Among Teens and Young Adults
- **BTS/CRP BTS-33** - Optimizing Parent-Teen Supervised Drives to Reduce Teen Crash Rates
- **NCHRP 08-159** - How to Assess and Address Equity of Access to Essential Goods and Services
- **NCHRP 20-24(146)** - Guide to Supporting and Sustaining Transportation Grant Programs for Local Governments and Tribes
- **NCHRP 20-44(51)** - Developing Training Materials to Implement Context Classifications
- **NCHRP 20-44(54)** - Implementing An Emergency Management Playbook for State Transportation Agencies
- **TCRP A-36A** - 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**
- **The Future Pediatric Subspecialty Physician Workforce: Meeting the Needs of Infants, Children, and Adolescents**
- **Fostering Responsible Computing Research: Foundations and Practices**
- **Action Collaborative on Preventing Sexual Harassment in Higher Education: Year Three Annual Report of Activities**
- **A Vision and Roadmap for Education Statistics**
- **The Future of Education Research at IES: Advancing an Equity-Oriented Science**
 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
- **AJL70** - 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** – Select CRP Panel from Committee Type

- **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
- **D204451** - NCHRP Project Panel on Training on AASHTO Context Classifications
- **DA0922** - Cost-Effective Training for Airfield Electricians at Small Airports
- **DA0431** - ACRP Project Panel on Providing Adequate and Balanced Trainer Facilities for Required and Recurrent Training for Airport Firefighters
- **DB018** - Objectives, Components, and Measures of Effective Traffic Safety Public Awareness and Education Efforts
- **DB026** - Advanced Driver Assistance Systems (ADAS) Education and Outreach
- **DB027** - Evaluation of Motorcycle Licensing and Training Requirements
- **E1008** - Rail Safety Innovations Deserving Exploratory Analysis (IDEA) Program Committee
- **SN5512** - NCHRP Project Panel on Bridge Construction Inspection Training Resources
- **STSB35** - Customer Education and Awareness of On-Demand Mobility

**Councils**

- **A001C** – Young Members Coordinating Council

Recent and Upcoming Events

**Upcoming Events** – In the Upcoming Events tab under Types, choose what event you are interested in, search titles by keyword

**TRB Annual Meeting**
*January 7-11, 2024*
*Washington, D.C.*

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

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