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TRB
TRANSPORTATION RESEARCH BOARD

TRB Snap Search: Workforce

TRB's involvement in research on Workforce from 2016-2018

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 on Workforce within the past two years.

Recent Reports & Publications

- Airport Cooperative Research Program (ACRP)
  - Legal Research Digest 31 - Preemption of Worker-Retention and Labor-Peace Agreements at Airports
  - Web-Only Document 28 - Identifying and Evaluating Airport Workforce Requirements

- National Cooperative Freight Research Program (NCFRP)
  - Report 36 - Enhancing Sleep Efficiency on Vessels in the Tug/Towboat/Barge Industry

- National Cooperative Highway Research Program (NCHRP)
  - Report 867 - Keeping What You Paid For—Retaining Essential Consultant-Developed Knowledge Within DOTs
  - Synthesis 509 - Highway Worker Safety
  - Synthesis 503 - Leveraging Technology for Transportation Agency Workforce Development and Training
  - Web-Only Document 238 - Developing the Guide to Retaining Essential Consultant-Developed Knowledge Within DOTs

- Transit Cooperative Research Program (TCRP)
  - Report 194 - Knowledge Management Resource to Support Strategic Workforce Development for Transit Agencies
  - Report 184 - Maintenance Technician Staffing Levels for Modern Public Transit Fleets
  - Synthesis 126 - Successful Practices and Training Initiatives to Reduce Accidents and Incidents at Transit Agencies

- Transportation Research Record: Journal of the Transportation Research Board
  - Volume 2582 - Safety Management, School Transportation, and Safety Workforce Development

Current & Upcoming Projects

- Current Projects
  - ACRP 01-34 - Developing Innovative Strategies for Aviation Education and Participation
  - ACRP 06-04 - Identifying and Evaluating Airport Workforce Requirements
  - NCHRP 03-124 - Principles and Guidance for Presenting Drivers with Dynamic Information on Active Traffic Management
  - NCHRP Synthesis 20-05/Topic 48-04 - Staffing for Alternative Contracting Methods
  - NCHRP Synthesis 20-05/Topic 49-10 - Transportation Workforce Planning and Development Strategies
  - NCHRP 20-07/Task 408 - Transportation System Management and Operations (TSMO) Workforce: Skills, Positions, Recruitment, Retention, and Career Development
  - NCHRP 20-24(95) - Ensuring Essential Capability for the Future Transportation Agency
  - NCHRP 20-107 - Effective Construction Project Staffing Strategies for Transportation Agencies
  - NCHRP 20-108 - Guide to Sustaining a Culture of Innovation within Departments of Transportation

- o NCHRP 20-118 - Effective Performance Management by Transportation Agencies—Benchmarking and Comparative Measurement
- o TCRP F-22 - Identifying Best Practices and Sharing Resources for Transit Technical Training
- o TCRP F-24 - Overcoming Barriers to Implementing Best and Innovative Training Practices for Public Transportation's Frontline Workforce
- o TCRP F-25 - Improving the Safety, Health, and Productivity of Transit Operators Through Adequate Restroom Access
- o TCRP F-26 - Improving the Health and Safety of Transit Workers with Corresponding Impacts on the Bottom Line
- o TCRP Synthesis J-07/Topic SF-20 - Managing the Transit Scheduling Workforce

- Upcoming Projects
  - o ACRP 06-05 - Guidance for Diversity in Airport Businesses Contracting and Workforce Programs
  - o BTSCRP BTS-01- Evaluate Workforce Motivational Programs: Safety Citizenship
  - o NCHRP 20-116 - Emergency Management in State Transportation Agencies
  - o TCRP J-05/Topic 18-03 - Workplace Implications of Autonomous Vehicles on the Transit Workforce

Reports from the National Academies Press on Workforce

- o Measuring the 21st Century Science and Engineering Workforce Population
- o Information Technology and the U.S. Workforce
- o Building America's Skilled Technical Workforce
- o Strengthening the Workforce to Support Community Living and Participation for Older Adults and Individuals with Disabilities
- o Training the Future Child Health Care Workforce to Improve the Behavioral Health of Children, Youth, and Families
- o Developing a National STEM Workforce Strategy
- o Promising Practices for Strengthening the Regional STEM Workforce Development Ecosystem
- o Approaches to Universal Health Coverage and Occupational Health and Safety for the Informal Workforce in Developing Countries

Committees & Panels

Sign-up to be a committee "Friend"

Technical Activities Division Standing Committees – Search by transportation mode and committee topic
- o ABC00 – Management and Leadership
- o ABC20 – Management and Productivity
- o ABC30 – Performance Measurement
- o ABG20 – Transportation Education and Training
- o AHD15 – Maintenance and Operations Personnel
- o AP010 – Transit Management and Performance

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

CRP Panels
- o DA0604 – Identifying and Evaluating Airport Workforce Requirements
- o DA0605 – Guidance for Diversity in Airport Businesses Contracting and Workforce Diversity Programs
- o SN4910 – Synthesis of Transportation Workforce Development Strategies for Young Adults, Second Career Professionals, Veterans, and Encore Careerists
- o STSF20 – Synthesis of Managing the Transit Scheduling Workforce
- o TF23 – Knowledge Management Resource to Support Strategic Workforce Development for Transit Agencies
- o TF24 – Frontline Workforce Training: Moving from Past Practice to Best Practice
- o TF25 – Improving the Health and Safety of the Transit Workforce

Councils
- o 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

[American Society of Civil Engineers (ASCE) 2018 International Conference on Transportation and Development*](#)
July 15-18, 2018
Pittsburgh, Pennsylvania

[2018 Annual Conference of the Florida Association of Environmental Professionals (FAEP)*](#)
September 19-21, 2018
Orlando, Florida

[6th International Conference on Women's Issues in Transportation (WIiT 2019)](#)
September 10-13, 2019
Irvine, California

[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 l (202) 334-2989