TRB Snap Search: Workforce

TRB's involvement in research on Workforce from 2018-2020

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.

Specialty Report

- Critical Issues in Transportation 2019

Recent Reports & Publications

- Airport Cooperative Research Program (ACRP)
  - Research Results Digest 28 - Preemption of Worker-Retention and Labor-Peace Agreements at Airports
  - Report 202 - Developing Innovative Strategies for Aviation Education and Participation
  - Report 186 - Guidebook on Building Airport Workforce Capacity
  - Synthesis 99 - Emergency Working Groups at Airports

- Conference Proceedings
  - Proceedings on the Web 25 - Proceedings of the 12th National Conference on Transportation Asset Management

- National Cooperative Highway Research Program (NCHRP)
  - Synthesis 543 - Transportation Workforce Planning and Development Strategies

- Transit Cooperative Research Program (TCRP)
  - Report 199 - Transit Technical Training, Volume 2: Guide to Overcoming Barriers to Implementing Best and Innovative Training
  - Report 194 - Knowledge Management Resource to Support Strategic Workforce Development for Transit Agencies
  - Report 193 - Tools and Strategies for Eliminating Assaults Against Transit Operators, Volume 1: Research Overview
  - Synthesis 143 - Managing the Transit Scheduling Workforce

- Special Reports
  - Report 333 - Toward New Naval Platforms: A Strategic View of the Future of Naval Engineering

Milestone Reports


Current & Upcoming Projects

- Current Projects
  - ACRP 04-23 - Social Media Guidebook for Emergency Management
  - ACRP 06-05 - Guidance for Diversity in Airport Businesses Contracting and Workforce Programs
  - ACRP 06-06 - Cultivating Talent in the Airport Environment

Updated 11/27/2019
• **Upcoming Projects**
  - ACRP 06-08 - Human Factors in Airport Operations
  - NCHRP 20-102(20) - Workforce Capability Strategies for State and Local Agencies
  - NCHRP 20-116 - Emergency Management in State Transportation Agencies
  - NCHRP 23-05 - Guidance for Training and Certification of Construction Inspectors for Transportation Infrastructure
  - TCRP I-11/Task 34 - The Effects of Vehicle Automation on the Public Transportation Workforce

**Reports from the National Academies Press on Workforce**

- Dialogue About the Workforce for Population Health Improvement
- Minority Serving Institutions - America's Underutilized Resource for Strengthening the STEM Workforce
- A Smarter National Surveillance System for Occupational Safety and Health in the 21st Century
- The Human Factors of Process Safety and Worker Empowerment in the Offshore Oil Industry
- Adaptability of the US Engineering and Technical Workforce
- Workforce Development and Intelligence Analysis for National Security Purposes
- Measuring the 21st Century Science and Engineering Workforce Population

**Committees & Panels**

- **Sign-up to be a committee "Friend"**

**TRB Standing Committees** – Search by transportation mode and committee topic

- ABC00 – Management and Leadership
- ABC20 – Management and Productivity
- ABC30 – Performance Measurement
- ABG20 – Transportation Education and Training
- AHD15 – Maintenance and Operations Personnel
- AP010 – Transit Management and Performance

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

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

**Councils**
- A0040T – Young Member Council

**Recent and Upcoming Events**

**Upcoming Conferences** - Left hand menu “upcoming conferences by topic”
(Conferences cosponsored by TRB are denoted with an asterisk.)

- **5th Conference of Transportation Research Group of India (CTRG)**
  *December 18-21, 2019*
  Bhopal, Madhya Pradesh, India

- **ITS World Congress 2020**
  *October 4-8, 2020*
  Los Angeles, California

**Webinars** – View upcoming webinars, suggest a webinar or add registration information

**Past Webinars**
- Design Thinking Potential for State Departments of Transportation – September 12, 2019
- Highway Maintenance Goes to College – November 7, 2018
- Building a Twenty-First Century Transportation Planning Workforce – October 9, 2018
- Workforce of the Future: Educating and Retraining the Freight Industry – August 28, 2018

**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:**

**TRID** – The world’s largest and most comprehensive bibliographic source on all modes and disciplines of transportation - [trid.trb.org](http://trid.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](http://pubsindex.trb.org)

**Research in Progress (RiP) Database** – Current or recently completed transportation research projects - [rip.trb.org](http://rip.trb.org)

**Research Needs Statements (RNS)** – Research needs as identified by TRB Technical Activities standing committees - [rns.trb.org](http://rns.trb.org)

Contact the Library at TRBLibrary@nas.edu or l (202) 334-2989