

Transportation, Warehousing and Utilities Program PPOP

What are our priorities?

The National Institute for Occupational Safety and Health (NIOSH) Transportation, Warehousing and Utilities (TWU) Program works with partners in industry, labor, government agencies, trade associations, professional organizations, and academia. The program focuses on reducing injuries, illnesses, and fatalities among TWU workers, prioritizing areas related to:

- Transportation and fatigue
- Human-machine interaction
- Work-related obesity and chronic disease.

What do we do?

- Use surveillance data and stakeholder input to guide research and prevention efforts in the TWU sector.
- Research and promote work organization factors and healthy behaviors to reduce fatigue, obesity, and chronic disease.
- Conduct research and provide recommendations to manufacturers, employers, workers, and others to reduce transportation and machine-related injuries.
- Work with partners and the [National Occupational Research Agenda \(NORA\) TWU Sector Council](#) to disseminate research findings and prevention recommendations.

What have we accomplished?

- Published a peer-reviewed journal article on the [hazards contributing to work-related fatalities in Alaska](#) between 2004 and 2018. The leading causes of fatal injuries to workers in Alaska during this time were water vehicle incidents, aircraft incidents, and suicides.
- Published "Fast Facts: [Taxi Drivers-How to Prevent Robbery and Violence During a Shift.](#)" The document was promoted by diverse groups like [Safety and Health Magazine](#) and [Occupational Health & Safety Online](#).
- Published an article on [how economic practices influence workplace practices](#) in the trucking industry.
- Contributed to a U.S. Department of Transportation [report to Congress](#) on the potential impacts of driving automation systems on workers in long-haul trucking and bus transit.
- Completed [15 guidance sheets](#) to help protect transportation and delivery workers from coronavirus disease 2019 (COVID-19).

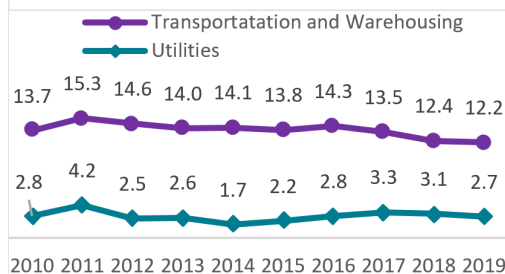
What's next?

- Publish a research article describing fatigue research needs in the transportation and utilities industries.
- Publish a research article describing challenges in worker health and well-being for transportation workers.
- Analyze new data to examine the relationship between working conditions and chronic diseases like diabetes, obesity, and heart disease.
- Provide ongoing support to TWU workers as Essential Workers in emergency response.

At-A-Glance

The TWU Program provides leadership to eliminate occupational injuries, illnesses, and fatalities among the nearly 7 million workers in this sector. This snapshot shows recent accomplishments and upcoming work.

Traumatic injury fatality rate, per 100,000 full-time equivalents (FTE) workers



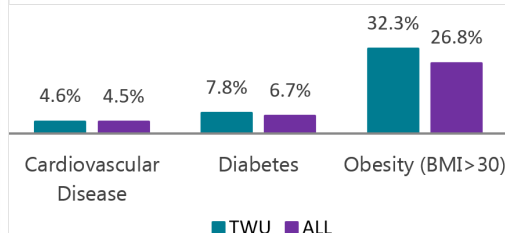
Source: U.S. Bureau of Labor Statistics

The expected progress of vehicle automation (will impact transportation incidents & related injuries)



Source: Adapted from the National Highway Traffic Safety Administration graphic "Five Eras of Safety"

Percent of workers reporting chronic conditions, 19 states



Source: 2013-2015 Behavioral Risk Factor Surveillance Survey. Note: BMI= body mass index



Centers for Disease Control and Prevention
National Institute for Occupational Safety and Health

Mention of any company or product does not constitute endorsement by the National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention

To learn more, visit
<https://www.cdc.gov/niosh/programs/twu>
September 2021