

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, trade associations, professional organizations, and academia. The program focuses on these areas:

- Reducing transportation incidents and related injuries among TWU workers
- Addressing human-machine interaction to reduce injuries and illnesses among TWU workers
- Reducing work-related obesity and chronic disease among TWU workers

What do we do?

- Use surveillance data on the TWU sector to guide research and prevention efforts.
- Research healthy behaviors and work organization factors that contribute to fatigue, obesity and chronic disease. Findings can be used by employers and others to promote worker health and safety.
- Conduct research and provide recommendations to manufacturers, employers and others to reduce transportation and machine-related injuries.
- Work with partners and the [National Occupational Research Agenda \(NORA\) TWU Sector Council](#) to widely disseminate research findings and prevention recommendations.

What have we accomplished?

- Published a [NIOSH Science Blog](#) on musculoskeletal health research to benefit couriers, messengers, and baggage handlers.
- NIOSH-funded [state programs](#) conducted four research-based investigations of truck driver deaths and made recommendations for preventing similar fatalities. Disseminated fact sheets and toolbox talks highlighting prevention recommendations.
- NIOSH-funded [Trucking Injury Reduction Emphasis \(TIRES\)](#) project promoted and disseminated quarterly newsletters and technical reports describing research findings and injury prevention materials.
- Published a research article on the prevalence of [obesity](#), [lack of leisure-time physical activity](#) and [short sleep duration](#) among occupational groups. Transportation and material moving ranked among the top five occupations for all three risk factors.

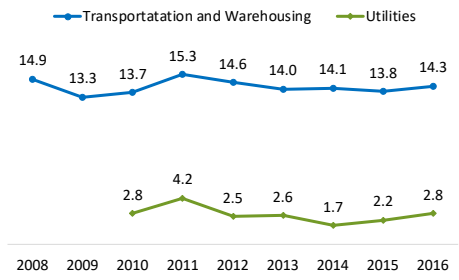
What's next?

- Publish a research article describing nonfatal work injuries in the Alaskan aviation industry between 2000 and 2013.
- Conduct Fatality Assessment and Control Evaluation (FACE) investigations related to TWU worker deaths.
- Collaborate with the National Safety Council and American Society of Safety Engineers on a technical report on safety management of highly-automated fleet vehicles.
- Publish a NIOSH Science Blog summarizing effective components of safety management systems.
- Collaborate with partners to publish research articles on obesity and interventions for weight control for TWU workers.

At-A-Glance

The Transportation, Warehousing and Utilities (TWU) Program provides leadership to eliminate occupational injuries, illnesses and fatalities among the nearly 7 million workers in these industries. This snapshot shows recent accomplishments and upcoming work.

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



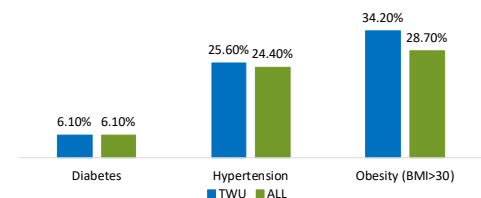
Source: U.S. Bureau of Labor Statistics. Note: Utilities data not reported 2008-2009

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



Source: 2004-2013 National Health Interview Survey
Note: BMI= body mass index