

What are our priorities?

The National Institute for Occupational Safety and Health (NIOSH) Center for Motor Vehicle Safety (CMVS) conducts research and develops strategies to prevent work-related motor vehicle crashes and injuries. Our work emphasizes these industry sectors: Oil and Gas Extraction; Public Safety; Transportation, Warehousing, and Utilities; and Wholesale and Retail Trade. CMVS researchers collaborate with partners in industry, labor, professional and trade associations, government agencies, and academia.

The CMVS promotes motor vehicle safety for these groups:

- Truck drivers.
- Drivers in other high-risk jobs (emergency medical services (EMS) workers & fire fighters, law enforcement officers, oil & gas workers).
- Light-vehicle drivers (passenger cars, SUVs, pickup trucks).

What do we do?

- Identify risk factors for work-related motor vehicle crashes.
- Apply engineering and technology-based safety interventions.
- Promote evidence-based policies and practices.
- Share NIOSH research with global partners.
- Communicate safety and policy recommendations.

What have we accomplished?

- Contributed technical expertise to the ANSI/ASSP TR-Z15.3 technical report, *Management practices for the safe operation of partially- and fully-automated motor vehicles*. This report will be the foundation for a consensus standard that specifies best practices for organizations and their leaders.
- Published a review [article](#) on emergency vehicle crashes, which was among the most read articles in *Human Factors* in a 6-month period.
- Identified road safety practices that were significantly associated with lower collision and injury rates, allowing companies to select the most effective practices.
- Published and promoted a crash-prevention messaging [toolkit](#) and [infographic](#) on law enforcement officer road safety.
- Published and promoted NIOSH fact sheets on preventing driver fatigue, tailored to oil and gas [employers](#) and [workers](#).
- Completed an evaluation of progress toward goals in the 2014-2018 CMVS strategic plan.

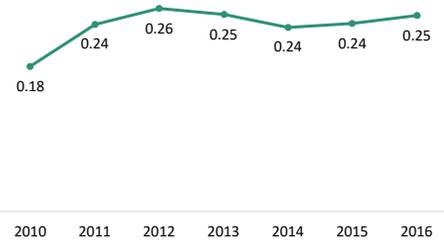
What's next?

- Publish a paper on the relationships between individual and organizational factors and taxi drivers' experience of fatigue.
- Publish a paper on drivers' acceptance of advanced driver assistance systems (ADAS).
- Publish results of an evaluation of a motor vehicle safety program in a large metropolitan police department.
- Publish op-eds in *Police Chief* magazine about the crash-prevention messaging toolkit for officers and other road safety topics.
- Publish a report and accompanying documents that present results from an evaluation of progress toward goals in the 2014-2018 CMVS strategic plan.
- Draft a new 10-year CMVS strategic plan for implementation in 2020 that ensures thoughtful management of limited resources to address current and emerging research priorities.
- Create a webpage as a hub for information on strategic planning and evaluation for the CMVS, providing links to research projects and products.

At-A-Glance

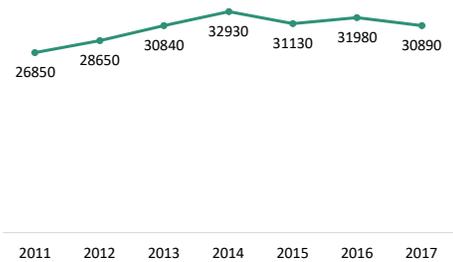
The Center for Motor Vehicle Safety (CMVS) seeks to ensure that all workers exposed to road traffic hazards while working have the highest possible levels of protection from the risk of motor vehicle crashes and resulting injuries. This snapshot shows recent accomplishments and upcoming work.

Motor vehicle crash fatality rate for large-truck occupants (per 100 million vehicle miles traveled)



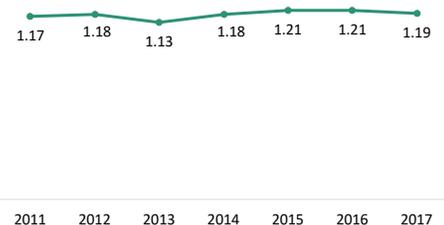
Source: National Highway Traffic Safety Administration.

Nonfatal days-away-from-work injuries due to motor vehicle crashes, private industry



*Crashes on public roadways, vehicle occupants only
Source: Bureau of Labor Statistics, Survey of Occupational Injuries and Illnesses (SOII)

Motor vehicle crash fatality rate for all occupations (per 100,000 workers)



Source: Bureau of Labor Statistics, Census of Fatal Occupational Injuries (CFOI) (Source for 2nd and 3rd graph)