

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 Center promotes motor vehicle safety for these groups:

- Truck drivers.
- Drivers in other high-risk jobs.
- Light-vehicle drivers.

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?

- Published results from a [2016 CMVS Midcourse Review](#), and refined research priorities for the remainder of the CMVS 2014-2018 strategic plan.
- Contributed to the revised American National Standards Institute/American Society of Safety Engineers Z15.1 – 2017 standard, Safe Practices for Motor Vehicle Operations, which offers best-practice guidance on fleet safety management.
- Published a [NIOSH fact sheet](#) on safe workplace driving by young workers, and promoted it with the National Highway Traffic Safety Administration through a Twitter chat.
- Worked with government partners and ambulance manufacturers to develop ten crash safety test methods published by the Society of Automotive Engineers, and promoted inclusion of these test methods by reference into national standards and guidance.
- Expanded our partnership with the National Safety Council by participating in the [Road to Zero Coalition](#) that is working to eliminate traffic deaths in the U.S. by 2050.
- Completed an audience analysis to improve our understanding of employers' needs for motor vehicle safety information, and shared the findings through a "From the Director's Desk" feature in the [NIOSH eNews](#).

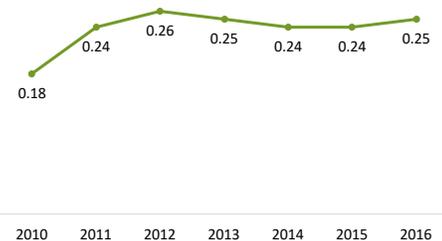
What's next?

- Publish an analysis of motor vehicle safety data from almost 70 companies, identifying road safety program elements adopted by the best-performing companies.
- Publish results of an analysis of motor vehicle collision and injury data from a large corporate light-vehicle fleet and communicate major findings to industry audiences.
- Collaborate with the National Safety Council and American Society of Safety Engineers on a technical report on safety management needs for fleets that operate partially- and fully automated vehicles.
- Publish an analysis of truck drivers' safety attitudes and behaviors, from the National Survey of Long-Haul Truck Driver Health and Injury.
- Evaluate progress on the CMVS strategic plan for 2014-2018.
- Publish and promote NIOSH fact sheets on preventing driver fatigue, tailored to oil and gas employers and workers.
- Publish and promote a messaging toolkit and infographic on law enforcement officer road safety.

At-A-Glance

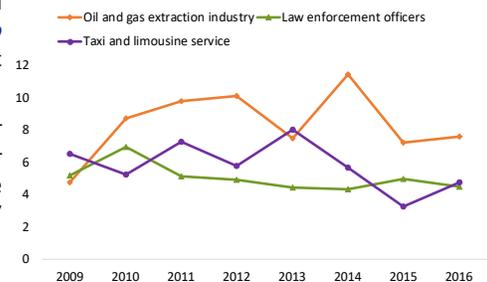
The Center for Motor Vehicle Safety (CMVS) seeks to ensure that all workers exposed to road traffic hazards while working have the highest possible levels of protection from the risk of motor vehicle crashes and resulting injuries. This snapshot shows recent accomplishments and upcoming work.

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



Source: National Highway Traffic Safety Administration.

Motor vehicle crash fatality rate for selected high-risk workers (per 100,000 workers)



Source: Same as below

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



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