

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. 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.
- Other high-risk worker populations.
- All who drive for work.

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 a study that showed in-vehicle warning lights along with coaching effectively reduced risky driving behaviors in fleet drivers.
- Promoted the Ambulance Ground Vehicle Standard based on NIOSH's collaboration with the Commission on Accreditation of Ambulance Services.
- Published contemporary anthropometry (body size and dimensions) data for emergency medical services workers on the NIOSH website, and encouraged use of the data in ambulance patient compartment (workspace) design.
- Published NIOSH fact sheet [on safe workplace driving for older workers](#). In less than one year, the fact sheet garnered over 3,000 page views and over 2,000 downloads.
- Published methods for matching crash data from the Census of Fatal Occupational Injuries and Fatality Analysis Reporting System, showing that fatal work-related crashes are broadly distributed across industries, occupations, and vehicle types.
- Published CDC Business Pulse: [Motor Vehicle Safety at Work](#). One month after launch, the CDC Foundation reported over 6,500 page views, over 13,000 infographic clicks, and a potential audience of 42 million.
- Conducted a [midcourse review of the CMVS strategic plan](#) for 2014-2018. Nearly two-thirds of 46 performance measures are at least partially met.

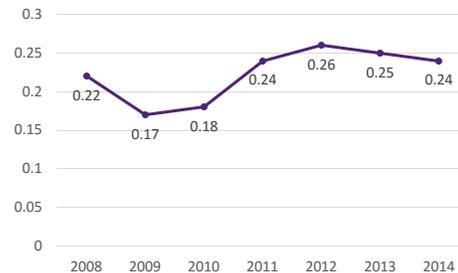
What's next?

- Publish NIOSH fact sheets on workplace driving by young workers and preventing driver fatigue in the oil and gas extraction industry.
- Publish results of an analysis of nonfatal crash and claims data for a large corporate light-vehicle fleet.
- Raise awareness at the state level of national ambulance safety consensus standards that reflect research by NIOSH and partners.
- The Society of Automotive Engineers will publish 3 consensus standards for ambulance design and testing, based on NIOSH and partner research, which will be used in national ambulance safety standards.
- Publish a NIOSH messaging toolkit promoting road safety among law enforcement officers.
- Conduct an audience analysis to improve understanding of the CMVS target audience for crash prevention information.

At-A-Glance

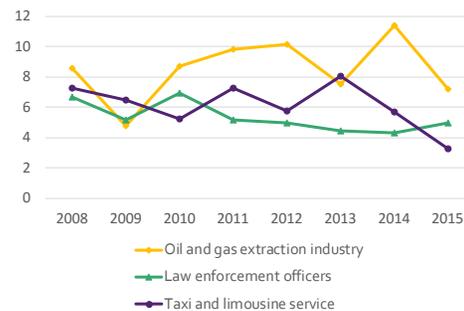
The Center for Motor Vehicle Safety (CMVS) seeks to ensure that all workers exposed to road traffic hazards while working have the highest possible levels of protection from the risk of motor vehicle crashes and resulting injuries. This snapshot shows recent accomplishments and upcoming work.

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



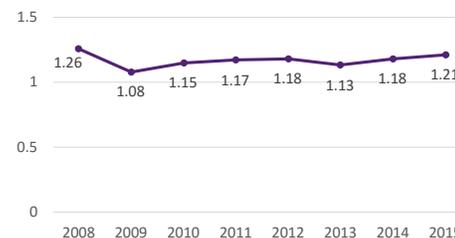
Source: National Highway Traffic Safety Administration.

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: U.S. Bureau of Labor Statistics, Census of Fatal Occupational Injuries (CFOI). Fatal injury rates were generated by NIOSH with restricted access to CFOI microdata. The views expressed here do not necessarily express the views of the BLS. (Source for 2nd and 3rd graph)