Millions of workers drive light vehicles to meet with clients or customers.

58% of the workers who died in workplace motor vehicle crashes in 2016 were not in vehicle-operator jobs such as truck, bus, or taxi driver.¹

Key Actions:

- Identify crash risk factors and evaluate safety practices.
- Analyze fleet safety data from the Network of Employers for Traffic Safety (NETS).
- Publish a quarterly eNewsletter, Behind the Wheel at Work, to reach more than 25,000 subscribers with research updates, practical tips on workplace driving, and news about events.

Key Findings:

- In-vehicle warning lights, combined with supervisory coaching, reduced risky driving behaviors by 43% among light-vehicle fleet drivers.
- Using only Fatality Analysis Reporting System (FARS) data, work-related crash fatalities are dominated by transportation workers and trucks. Adding cases identified by the Census of Fatal Occupational Injuries (CFOI) showed that fatal work-related crashes significantly impact workers across all industries and occupations.
- For 70 NETS companies, several practices were related to lower collision and injury rates, including mobile phone record checking, fatigue management practices, driver training, and an intensive collision review process.

Key Outputs:

- **Journal of Safety Research** article: Evaluation of an in-vehicle monitoring system (IVMS) to reduce risky driving behaviors.

- **Accident Analysis & Prevention** article: Work-related fatal motor vehicle traffic crashes: Matching of 2010 data from CFOI and FARS.

Repackage research results for safety professionals:

- **Professional Safety** article: Fleet safety: Developing & sustaining an effective program with ANSI/ASSE Z15.1.

- Older drivers in the workplace **fact sheet**

Key Impacts:

- NIOSH contributed technical expertise to the revised ANSI/ASSP Z15.1 standard, *Safe practices for motor vehicle operations*. This standard outlines requirements for managing fleets of all sizes, industries, and vehicle types.


- Analysis of NETS benchmarking data identified road safety practices that were significantly associated with lower collision and injury rates, providing member companies with important information to improve and/or reinforce practices.

- A large health care company developed safety campaigns to target issues identified by NIOSH. The company extended its IVMS program to newly-hired drivers based on NIOSH research that showed higher collision rates for drivers with the shortest tenure with the company.