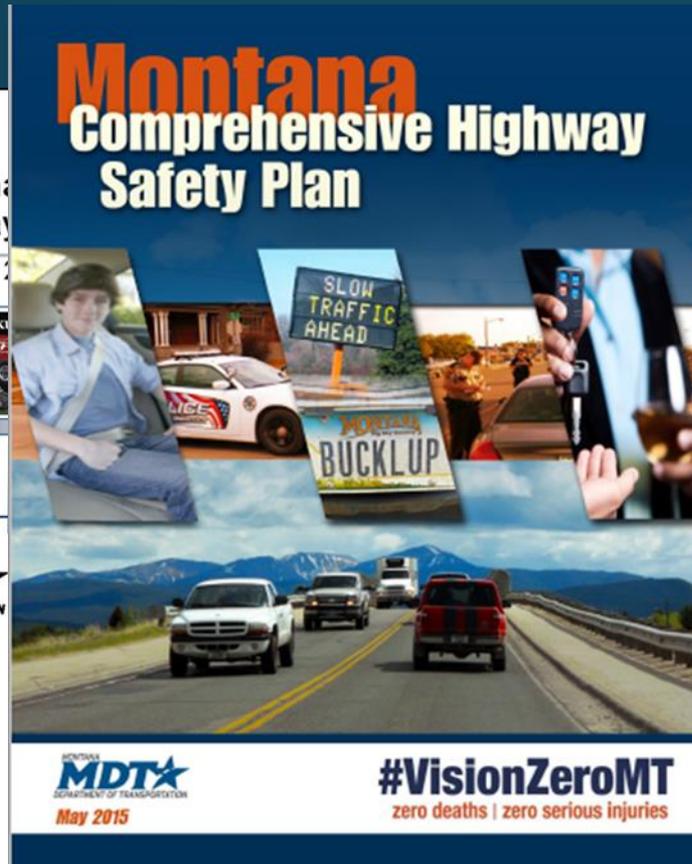


2020-2024
Comprehensive
Highway Safety Plan
Update
Kick-Off Meeting
February 2020

- CHSP Background
- Purpose of CHSP Update
- Schedule
- Update Process
- SWOT Summary
- Mission, Vision, CHSP Interim Goal
Emphasis Area Confirmation
- Next Steps

CHSP Background

- Developed in 2006
- Implemented in 2007
- Amended in 2010
- Updated in 2015



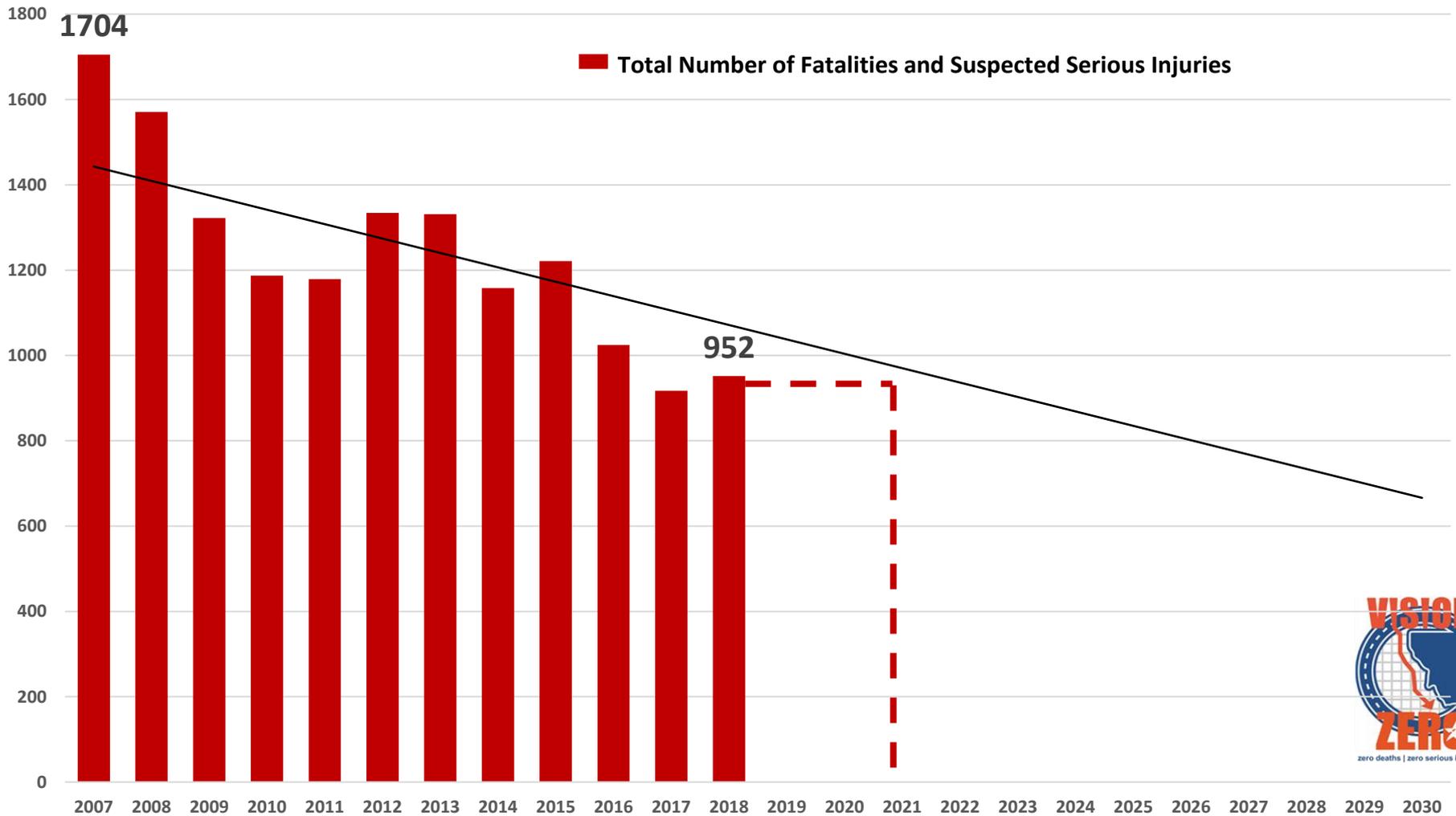
Montana Department of Public Health and Human Services

prepared by:
Cambridge Systematics, Inc.

prepared by:
Cambridge Systematics, Inc.

August 2008

CHSP Interim Safety Goal



Montana Comprehensive Highway Safety Plan
2015-2020

#VisionZeroMT
zero deaths | zero serious injuries

Purpose of Update

- Analyze Data
- Confirm Emphasis Areas
- Identify Countermeasures
- Focus Resources
- Reduce Fatalities and Serious Injuries



Coordination of Safety Programs

Montana Comprehensive Highway Safety Plan

Coordinated by MDT Rail, Transit and Planning Division

Highway Safety Improvement Program

Federal Highway Administration

MDT Highways and Engineering Division – Traffic and Safety Bureau

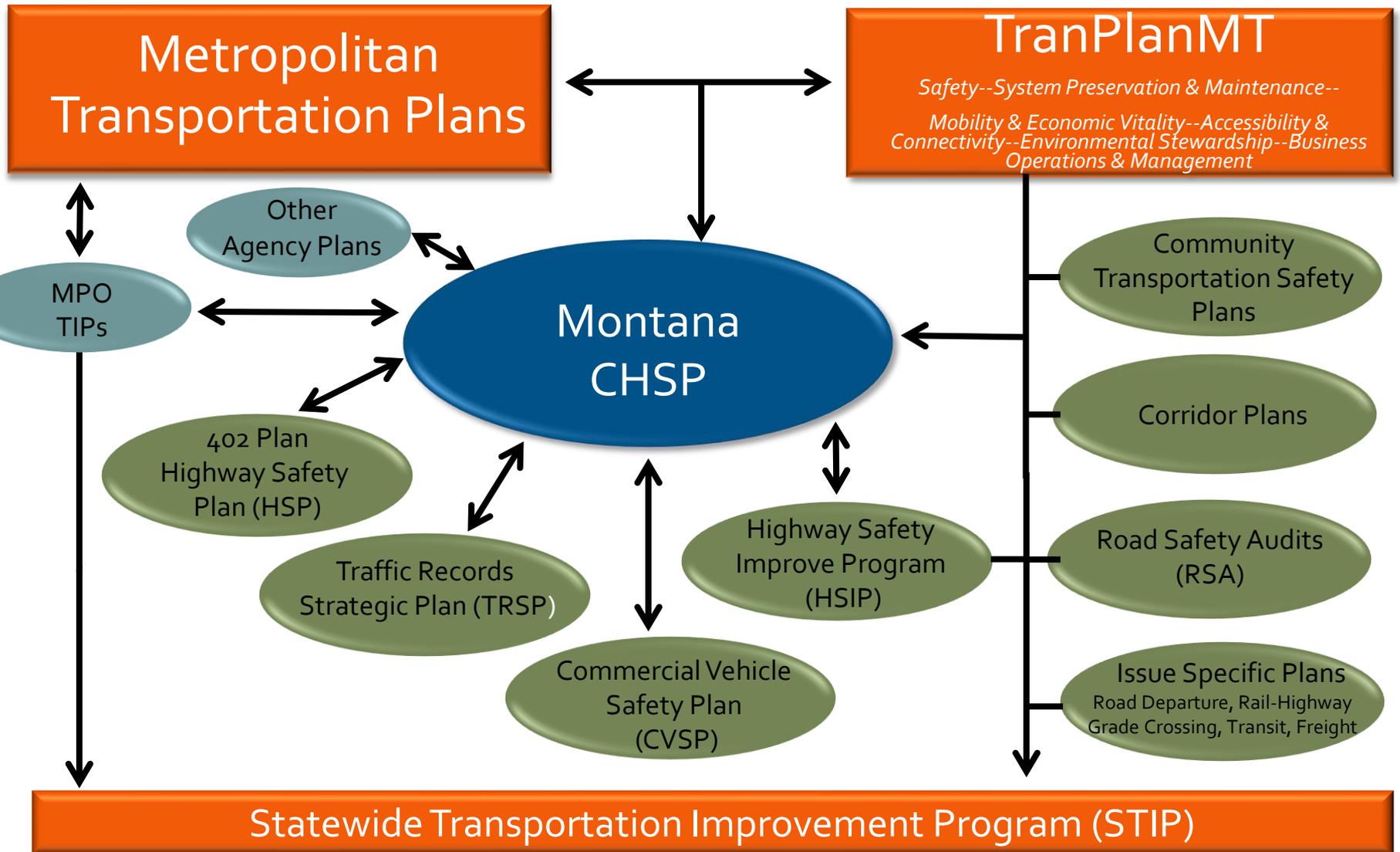
Highway Safety Plan

National Highway Traffic Safety Administration
State Highway Traffic Safety Office

Commercial Vehicle Safety Plan

Federal Motor Carrier Safety Administration
MDT Motor Carrier Services

Relationship of Montana's CHSP with Agency Safety Plans & Programs



Montana Plan ■ Federal Transportation Planning Process ■ MDT Directed ■ Other Plans ■

Schedule

CHSP 2020 Update - SCHEDULE

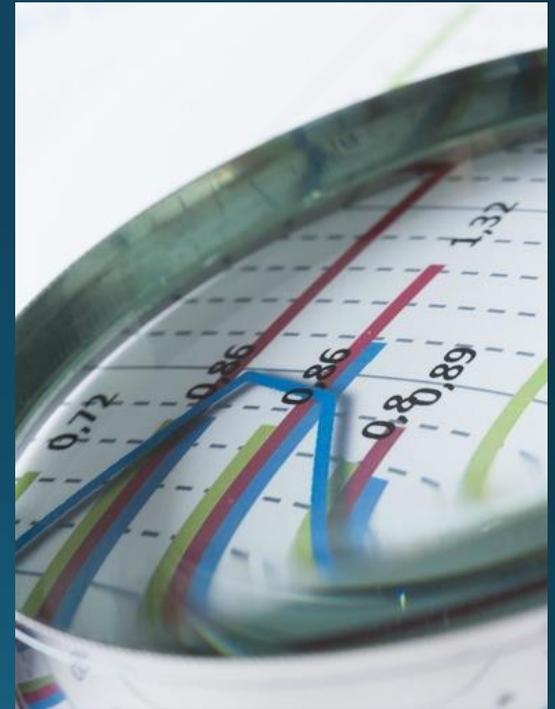
February 6, 2020

Task Name		Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
1	Outreach									
2	SWOT									
3	Data									
4	Advisory Committee				◆	◆	◆	◆	◆	
5	Research/Prove Safety Counter Measures									
6	Emphasis Areas									
7	Plan Development									

◆ meeting

Update Process

- Engage Safety Partners
- Analyze Data
- Confirm Emphasis Areas & Goal
- Identify Countermeasures
- Track Implementation & Evaluation



Review

- Advisory Committee –
Role & Responsibilities in Update & Implementation Process
- Mission Statement
- Vision Statement
- CHSP Interim Goal



Role & Responsibilities – Update & Implementation Process

- Provide oversight in developing Emphasis Area (EA) strategies
- Ensure activities align with the CHSP EA purpose, goals, and vision
- Provide implementation guidance to Emphasis Area Teams
- Evaluate effectiveness of strategies that contribute towards reducing severe injuries.

SWOT

- Evaluate existing CHSP
- Identify Strengths, Weaknesses, Opportunities, Threats (SWOT)
- Discuss and Consider Recommendations



SWOT

Strengths

- Communication via CHSP three-tiered email distributions /website.
- Level of support and awareness for CHSP efforts within agencies.
- Safety partner input on prioritizing strategies.
- Effective safety partner coordination and engagement in implementation.
- Annual reporting on reducing motor vehicles fatalities and suspected serious injuries
- Successful reporting on reduction of Emphasis Area related fatalities and suspected serious injuries.

Opportunity

- Additional Safety Data: Linkage of hospital data and screening of substance abuse & treatment referrals for prevention and treatment to reduce repeat offenders.
- Improve outreach with rural communities, cities, towns & counties to improve awareness and engagement with the CHSP.
- Enhance coordination and greater level of commitment of multiagency personnel and resources (insurance industry).
- Streamline strategies, align safety strategies and consider proactive approaches to safety.

Weakness

- Limited personnel /resources
- There is no annual inventory.
- Progress reporting, status updates and tracking, and evaluating of activities needs improvement.
- Strategy action items need to be specific, measurable, achievable, realistic, and time bound.

Threats

- Due to staff turnover, lack of engaged multi-agency safety partner staff (Emphasis Area champions /team members).
- Competing needs.
- Lack of funding resources.

Mission Statement

Implement a collaborative process to reduce fatalities and serious injuries in Montana utilizing engineering, enforcement, education, and emergency response strategies.

The CHSP will seek to focus resources strategically, where opportunities for safety improvements are greatest.

Vision Statement



What is a good goal
for our state?

Rhode Island <https://youtu.be/EgsImnOIS3M>

CHSP Vision Statement

Vision Zero-
Zero fatalities,
zero serious
injuries on
Montana's
roadways.



VISION ZERO ★

zero deaths · zero serious injuries

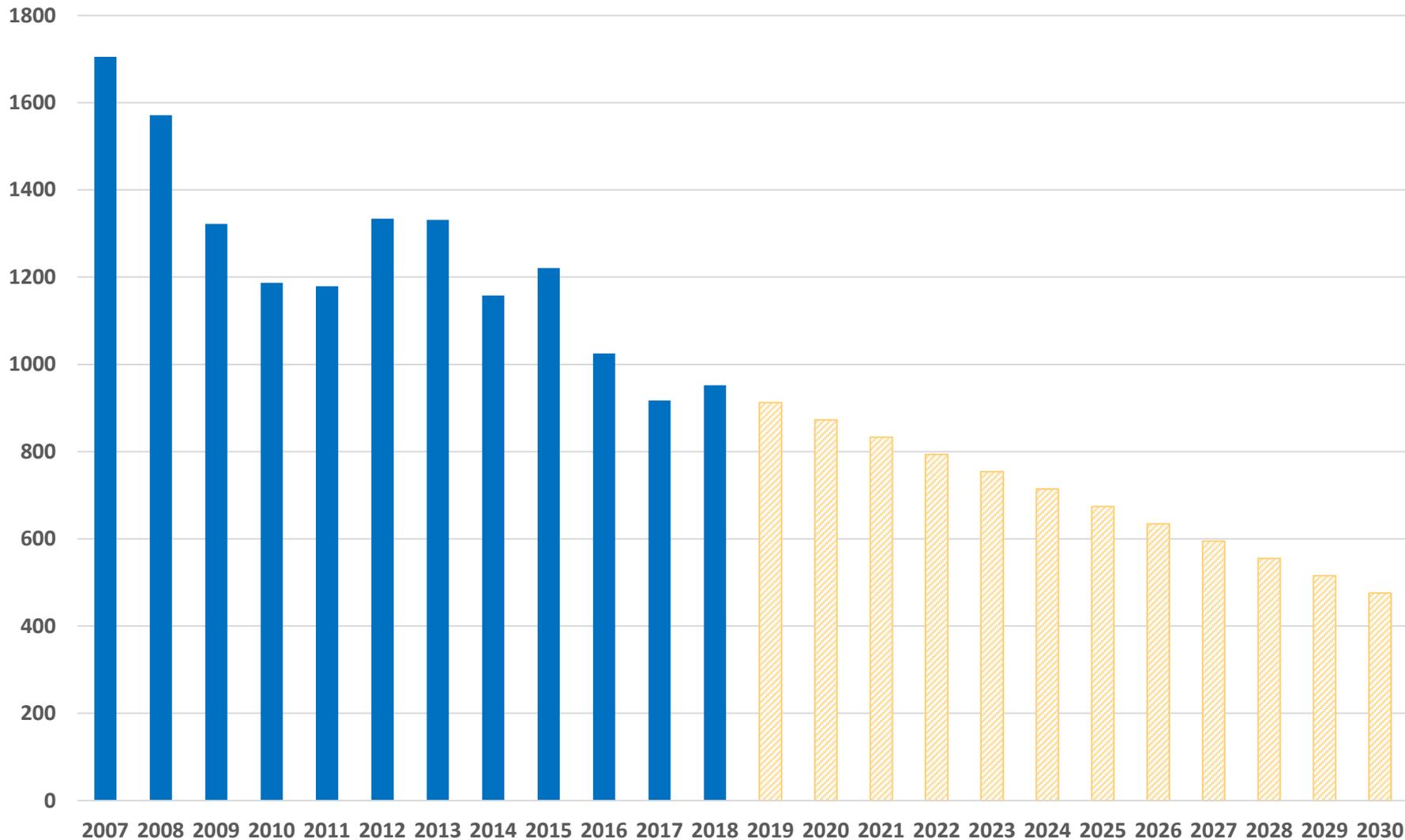
**MONTANA DEPARTMENT
OF TRANSPORTATION**

CHSP Interim Goal



VISION ZERO
zero deaths - zero serious injuries
MONTANA DEPARTMENT
OF TRANSPORTATION

Total Fatalities and Suspected Serious Injuries

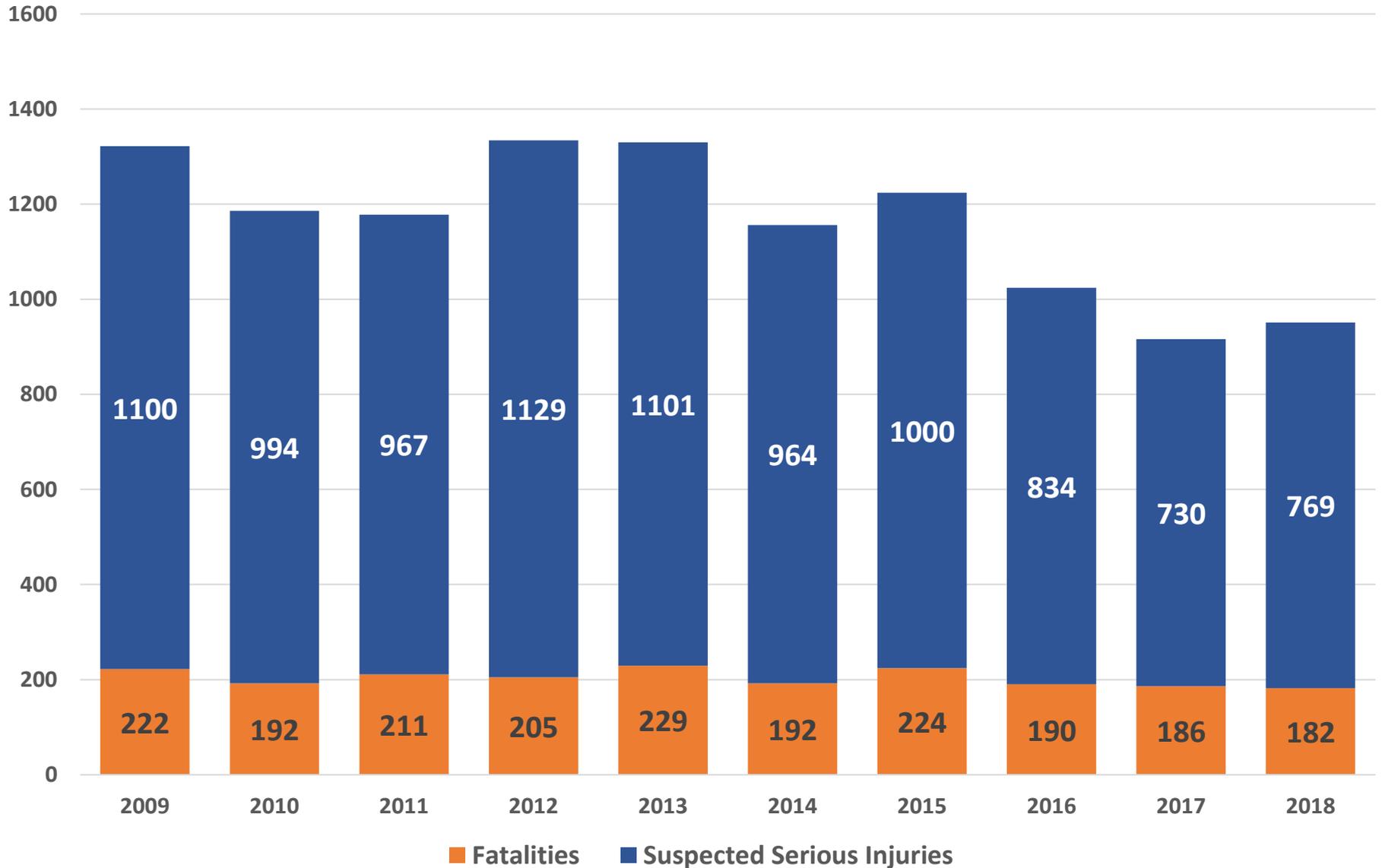


DATA

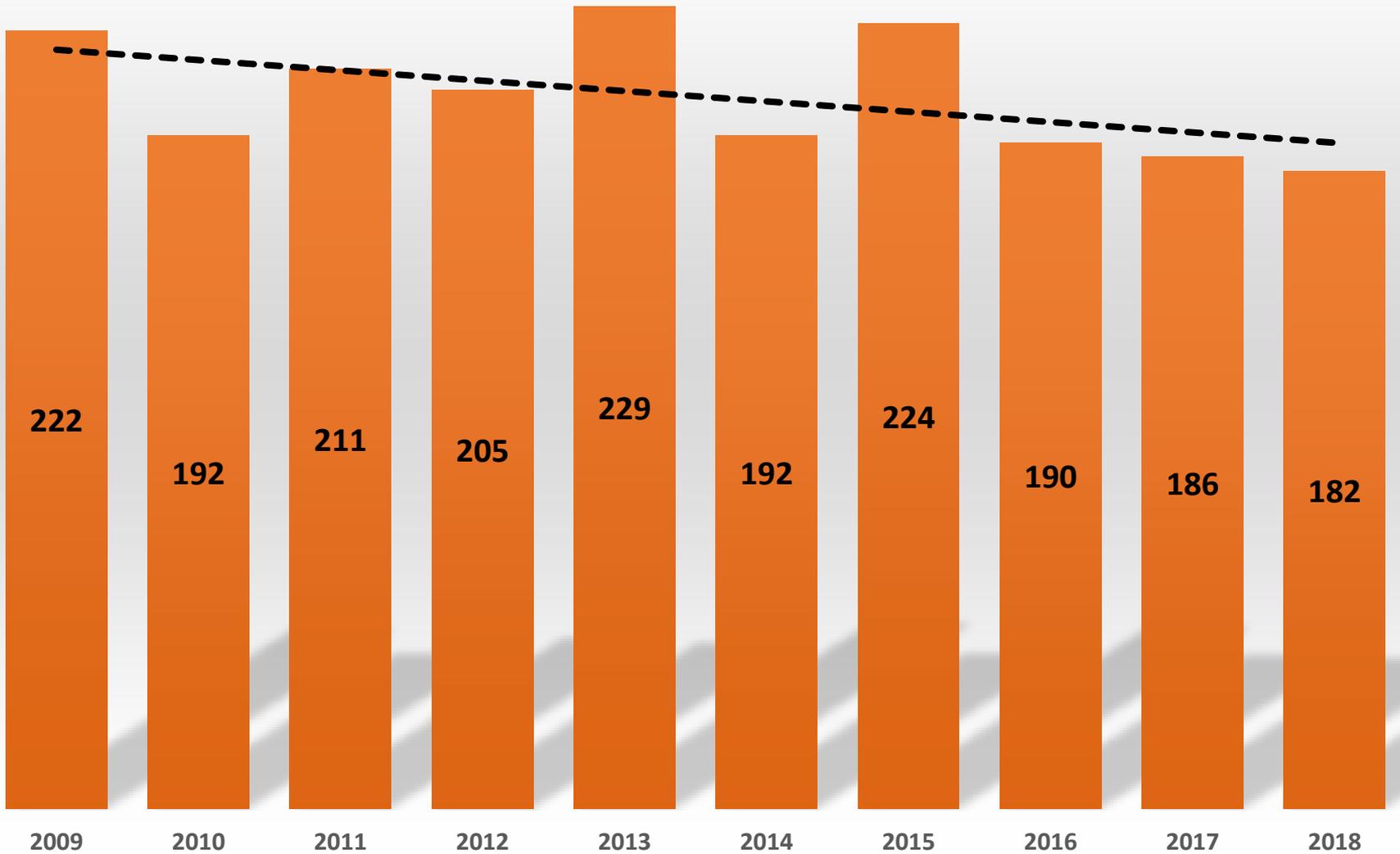
Data

- Data –driven process looks at all crash reports on all public roads to assess the factors most often involved in crashes.
- Assess crash factors to determine involvement with fatalities and suspected serious injuries.
- Identifies areas of greatest need to reduce fatalities and suspected serious injuries (or severe injuries).

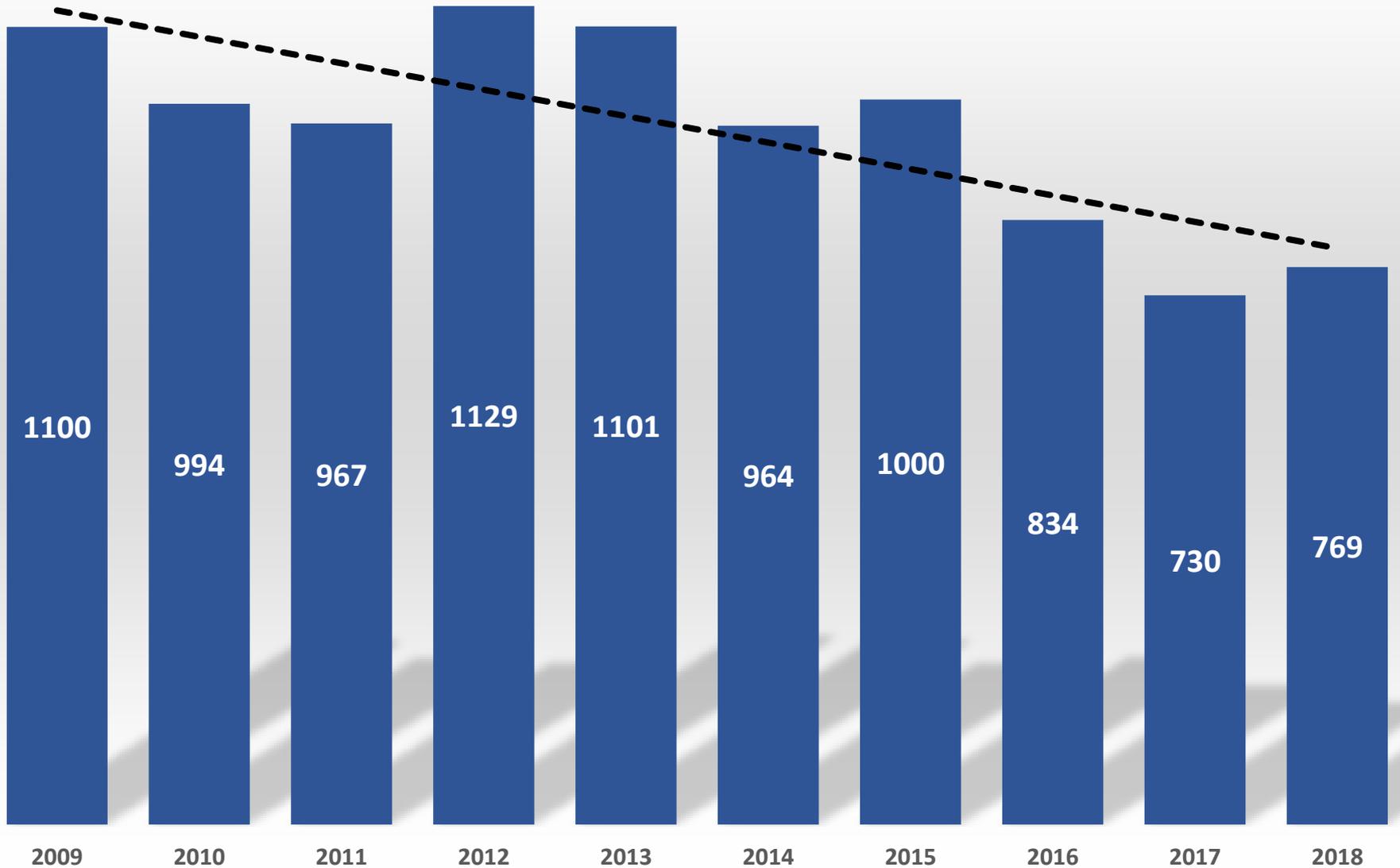
Annual Fatalities & Suspected Serious Injuries, 2009-2018



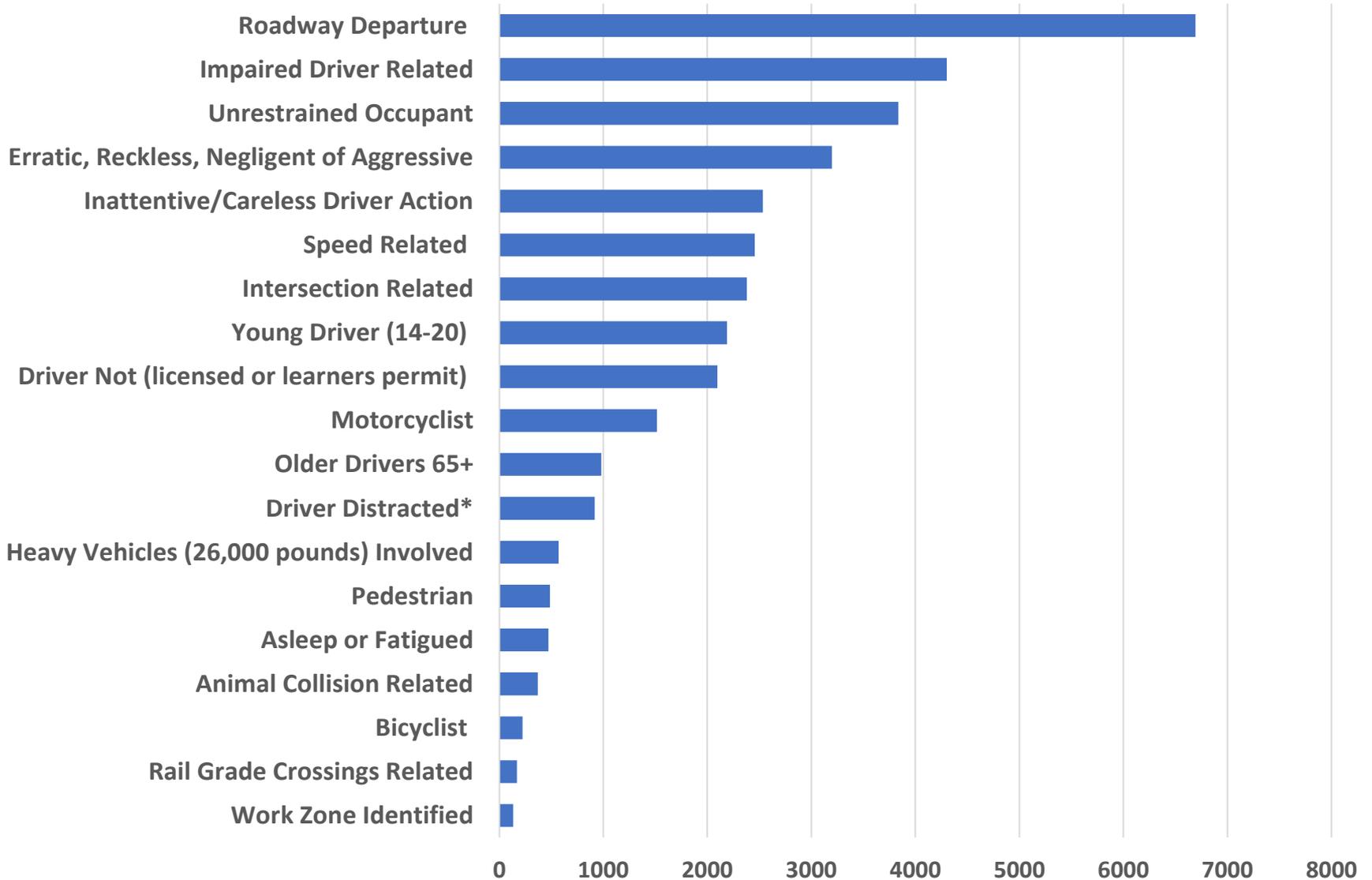
Fatalities 10-Year Trend, 2009-2018



Suspected Serious Injuries 10-Year Trend, 2009-2018

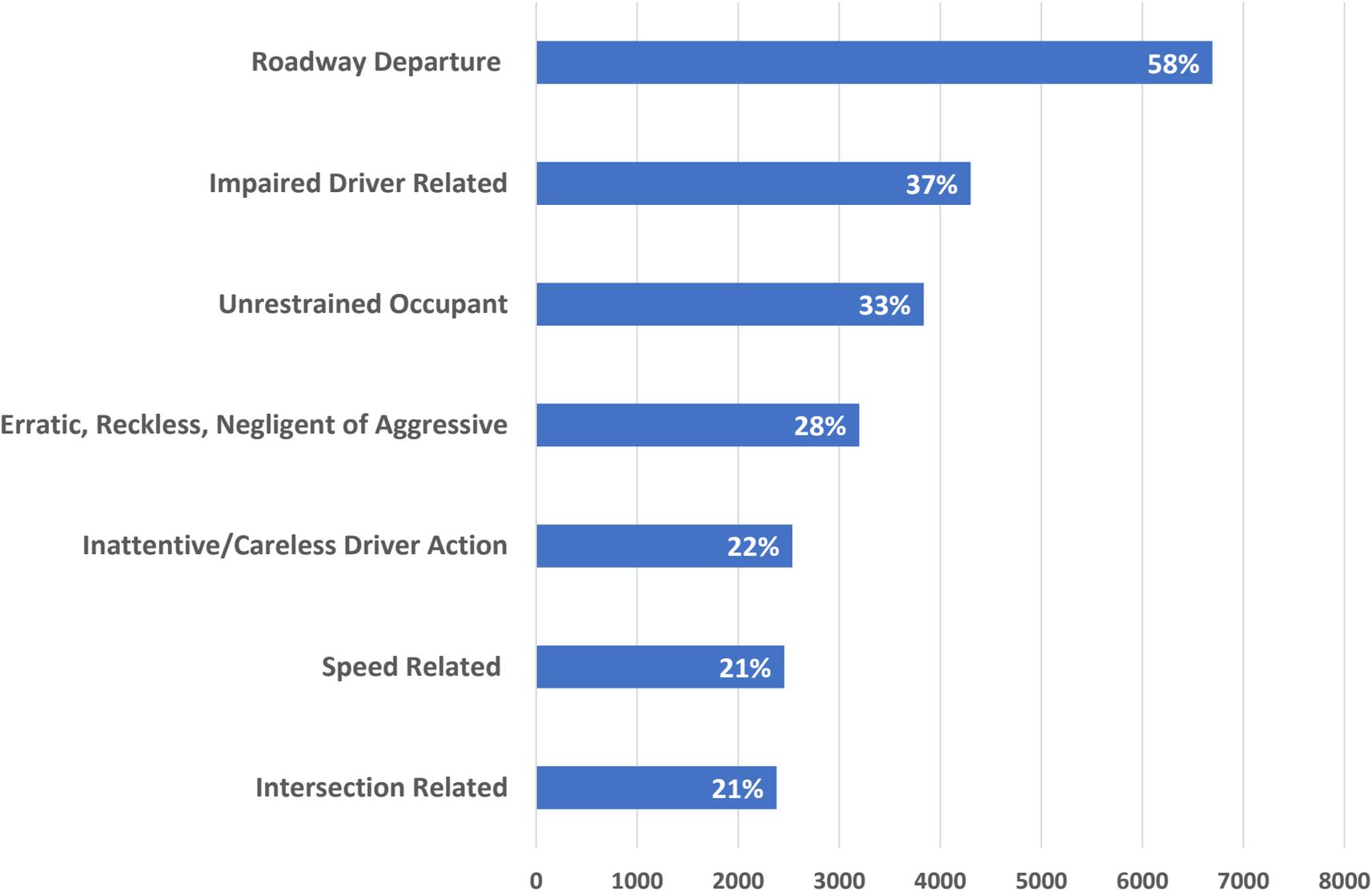


Key Factors, Average Fatalities and Suspected Serious Injuries, 2009-2018



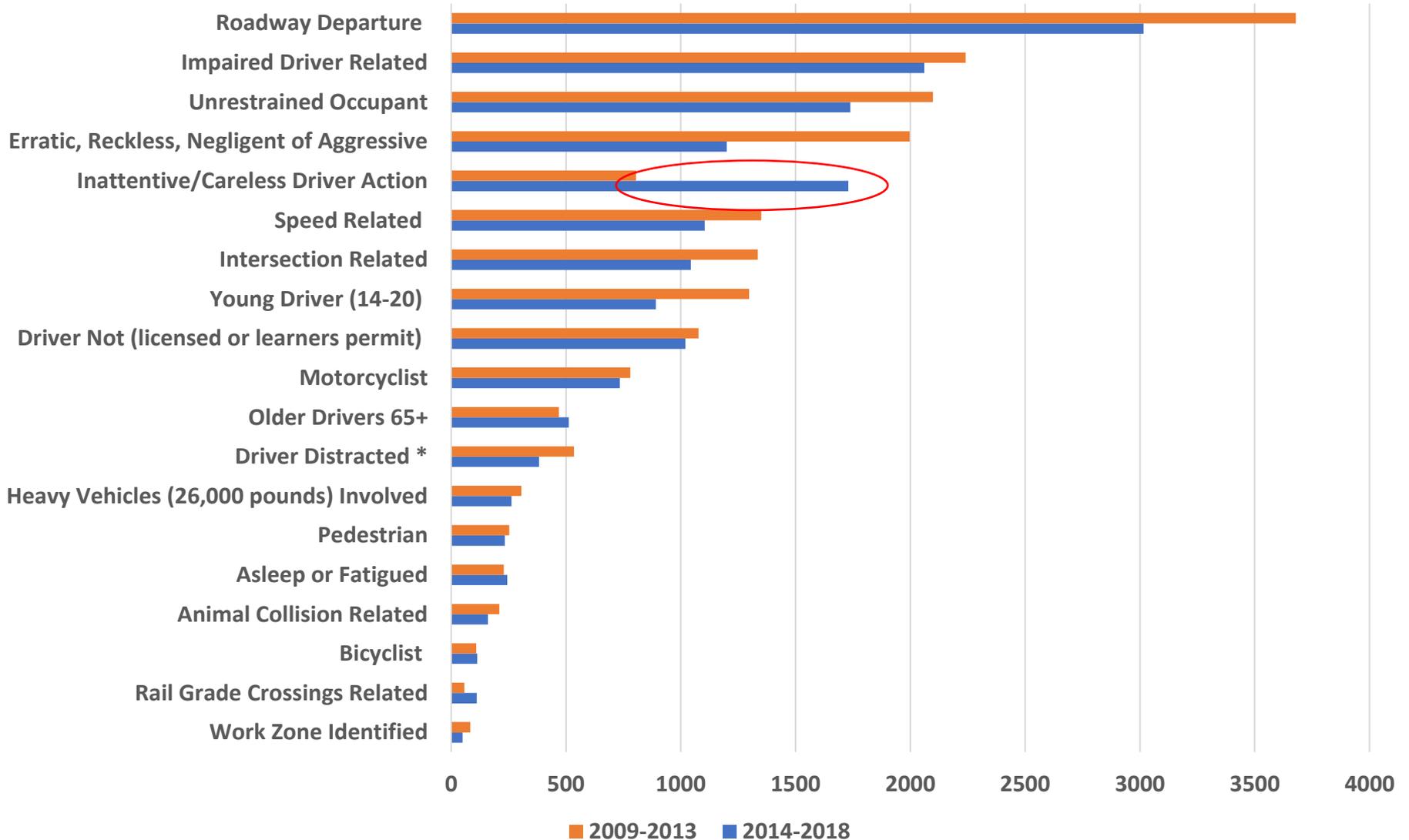
*(passenger, electronic communication devices, other electronic devices, passenger, inside vehicle, external or unknown source)

Key Factors, Average Fatalities and Suspected Serious Injuries, 2009-2018



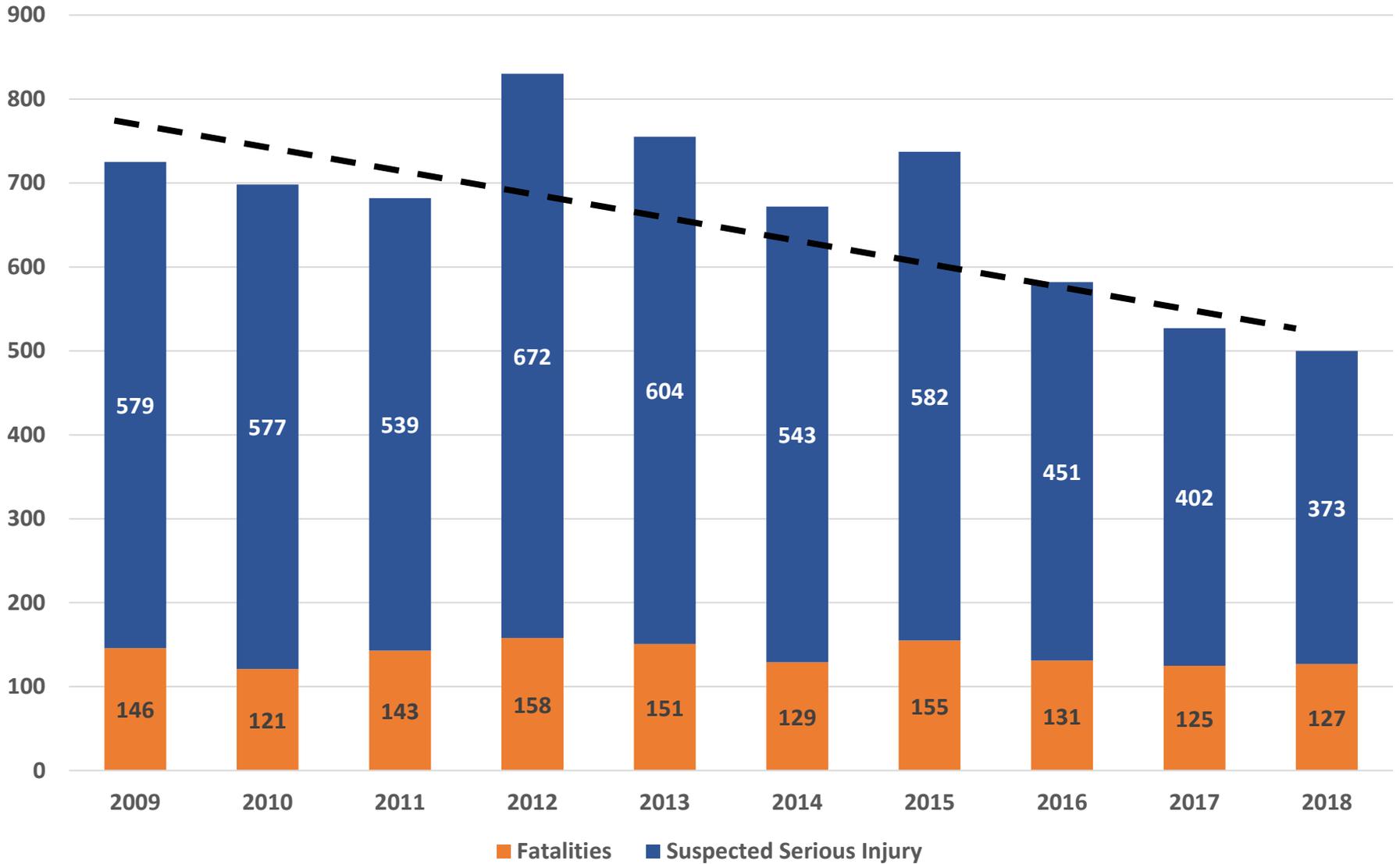
*(passenger, electronic communication devices, other electronic devices, passenger, inside vehicle, external or unknown source)

5-Year Fatality and Suspected Serious Injuries Comparison, 2009-13 and 2014-18

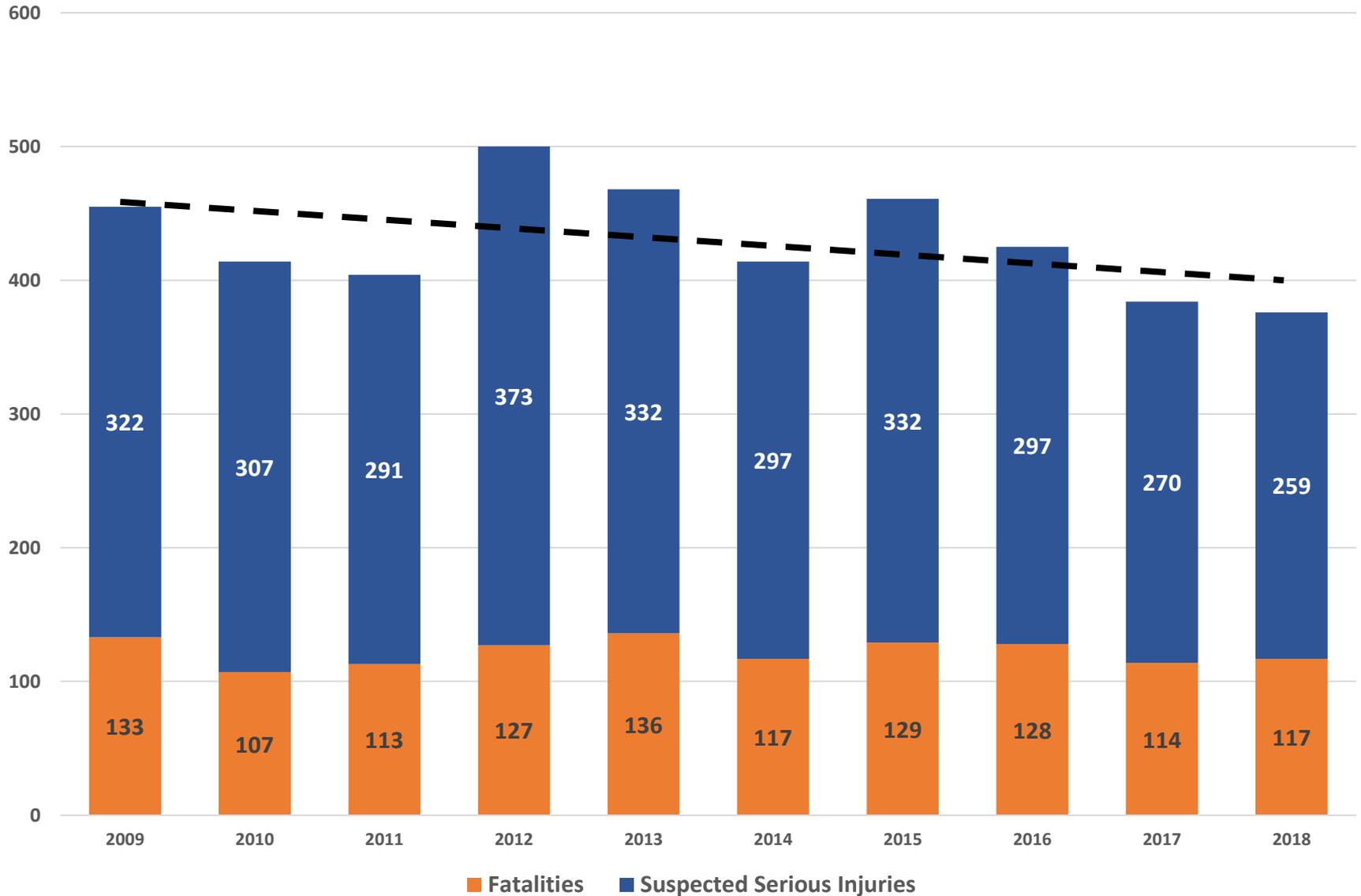


*(passenger, electronic communication devices, other electronic devices, passenger, inside vehicle, external or unknown source)

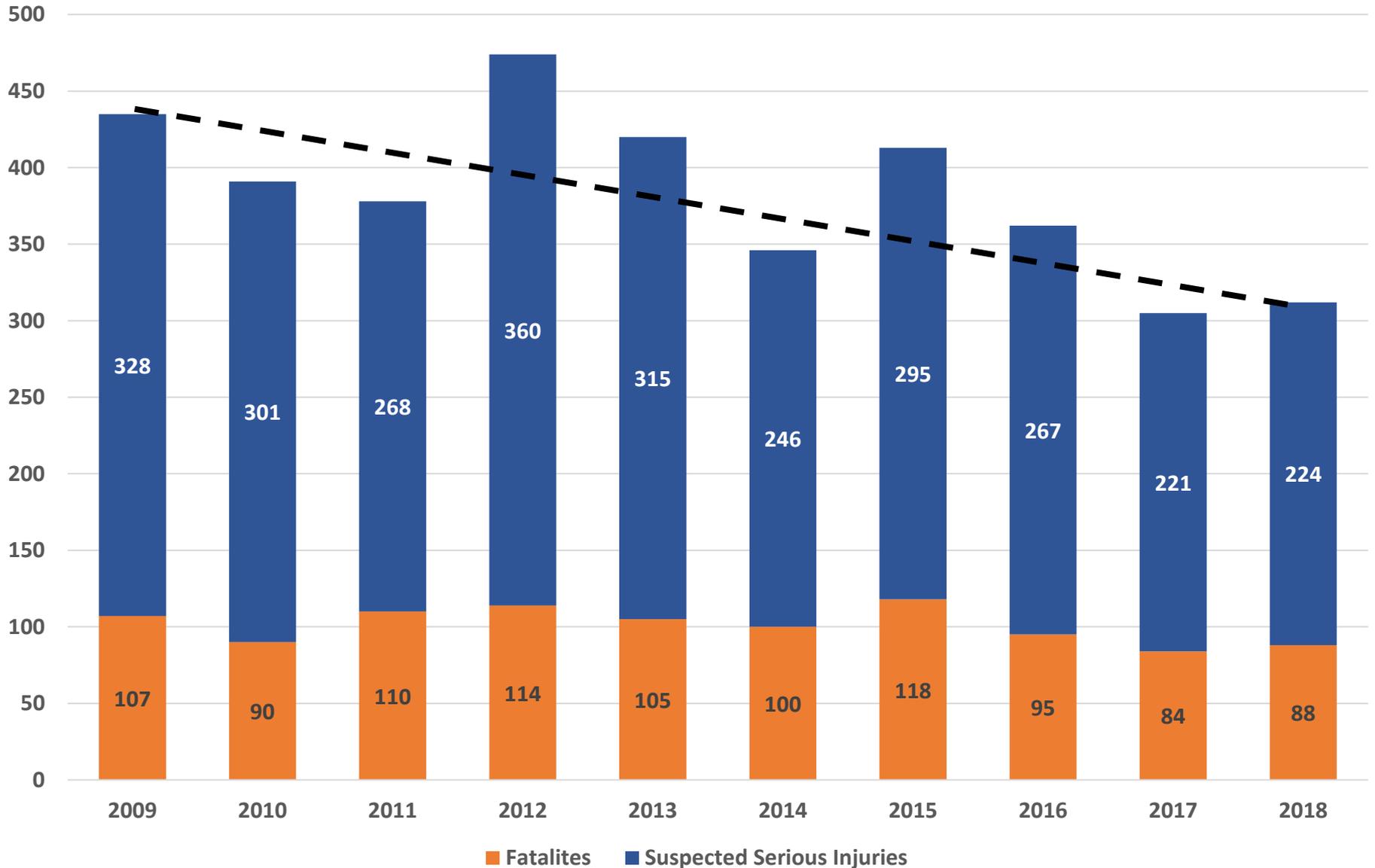
Roadway Departure Fatalities & Suspected Serious Injuries, 2009-2018



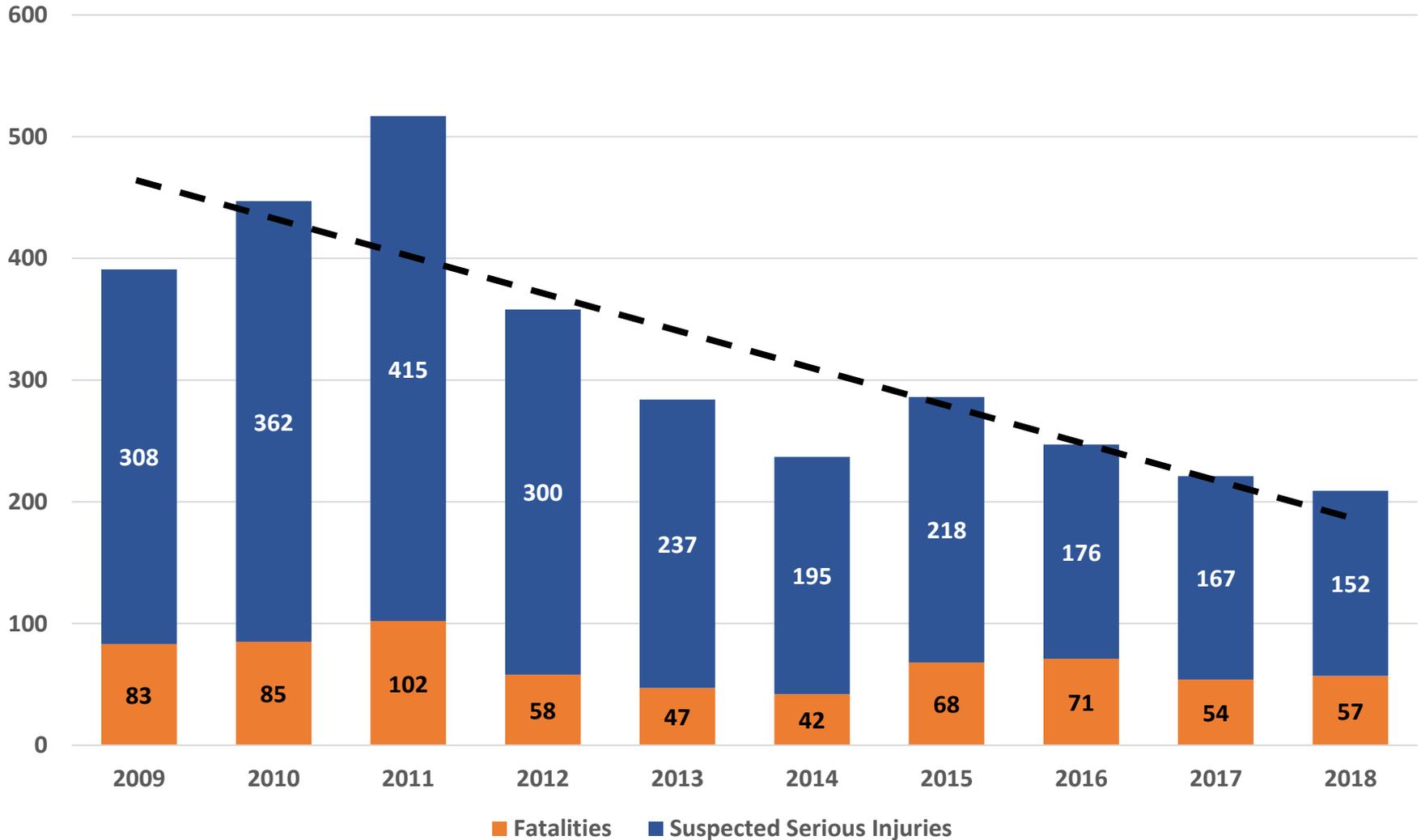
Impaired Driver Involved Fatalities and Suspected Serious Injuries, 2009-2018



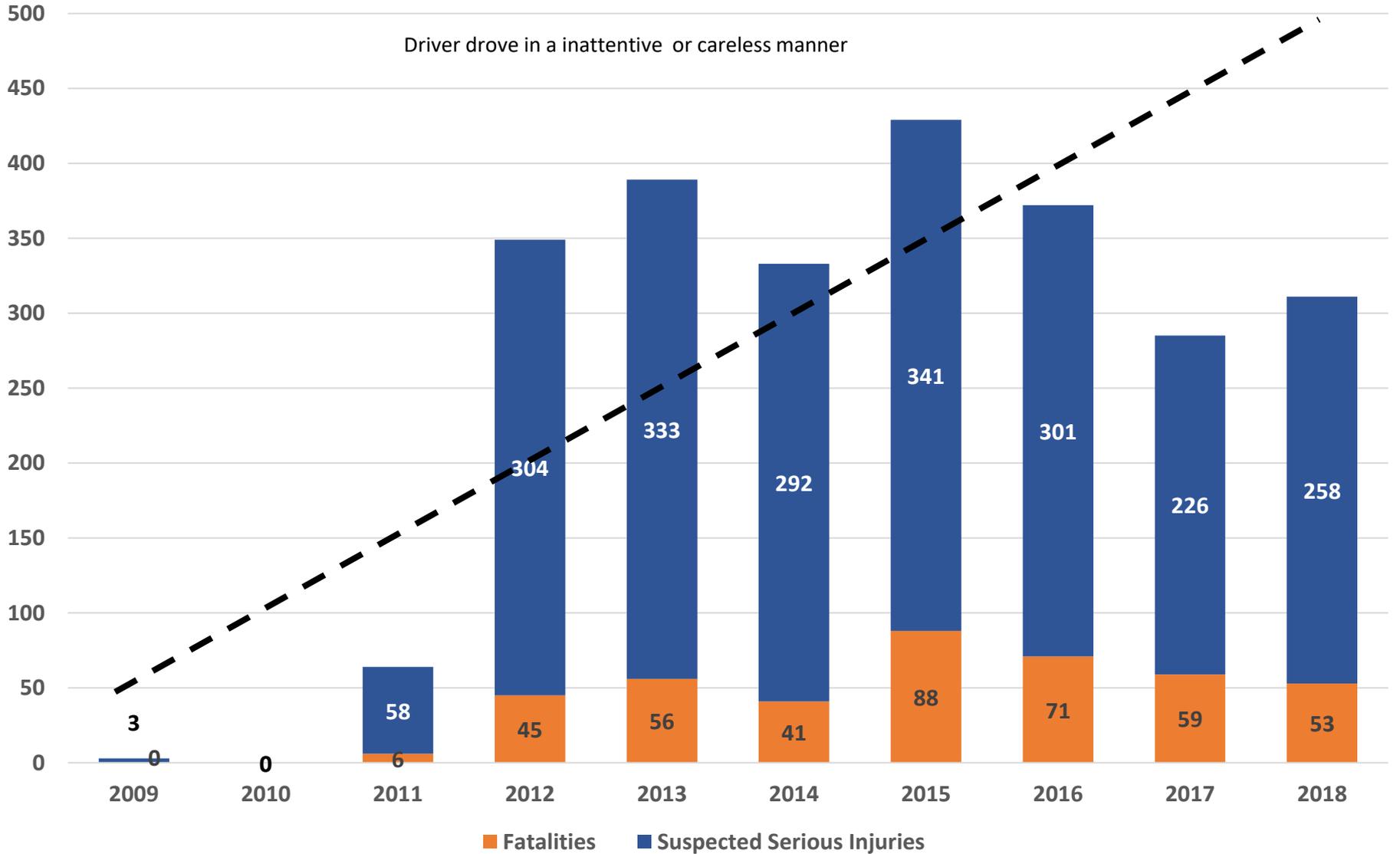
Unrestrained Fatalities and Suspected Serious Injuries, 2009-2018



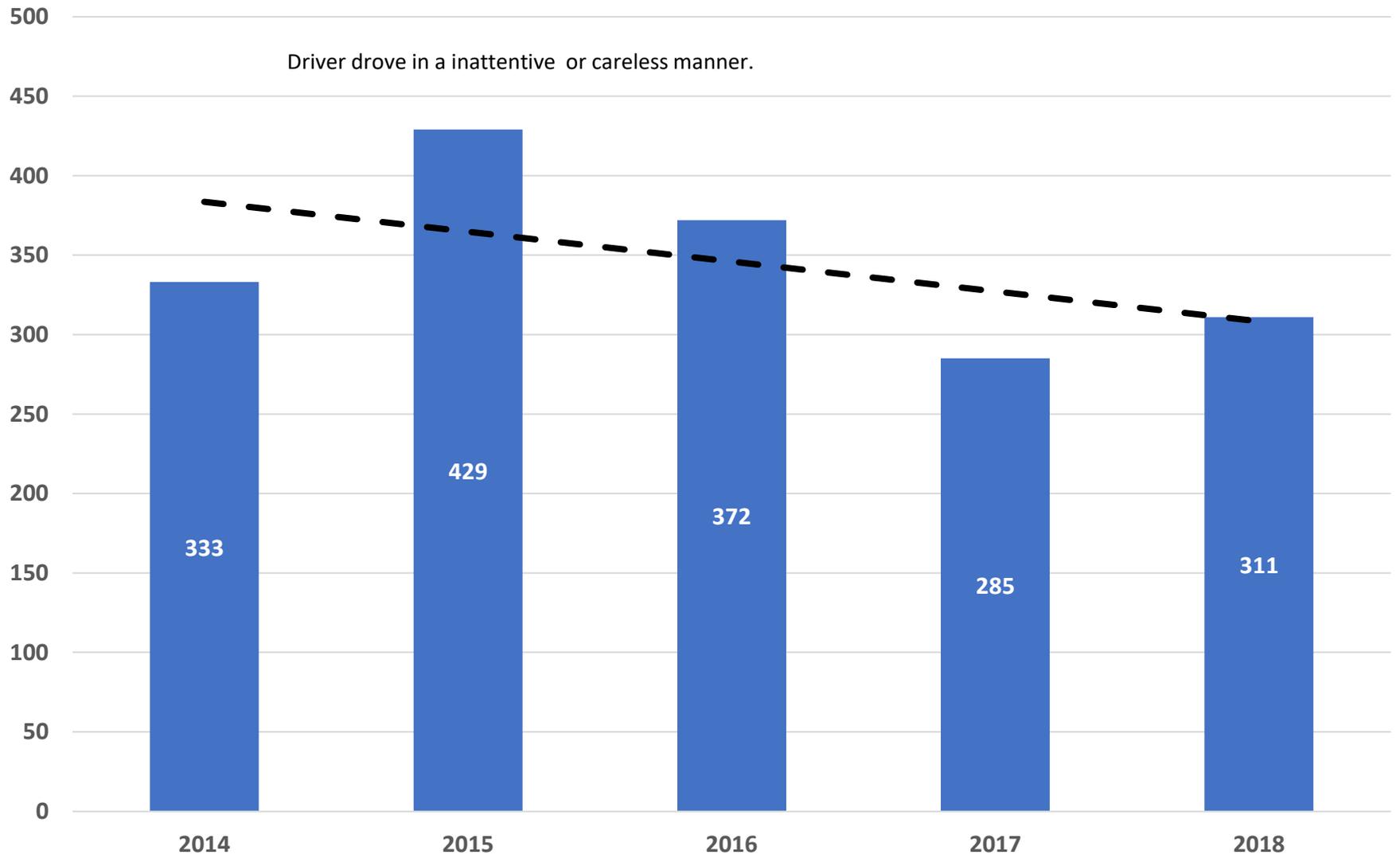
Aggressive Driving Resulting in Fatalities and Suspected Serious Injuries (Erratic, Reckless, Negligence of), 2009-2018



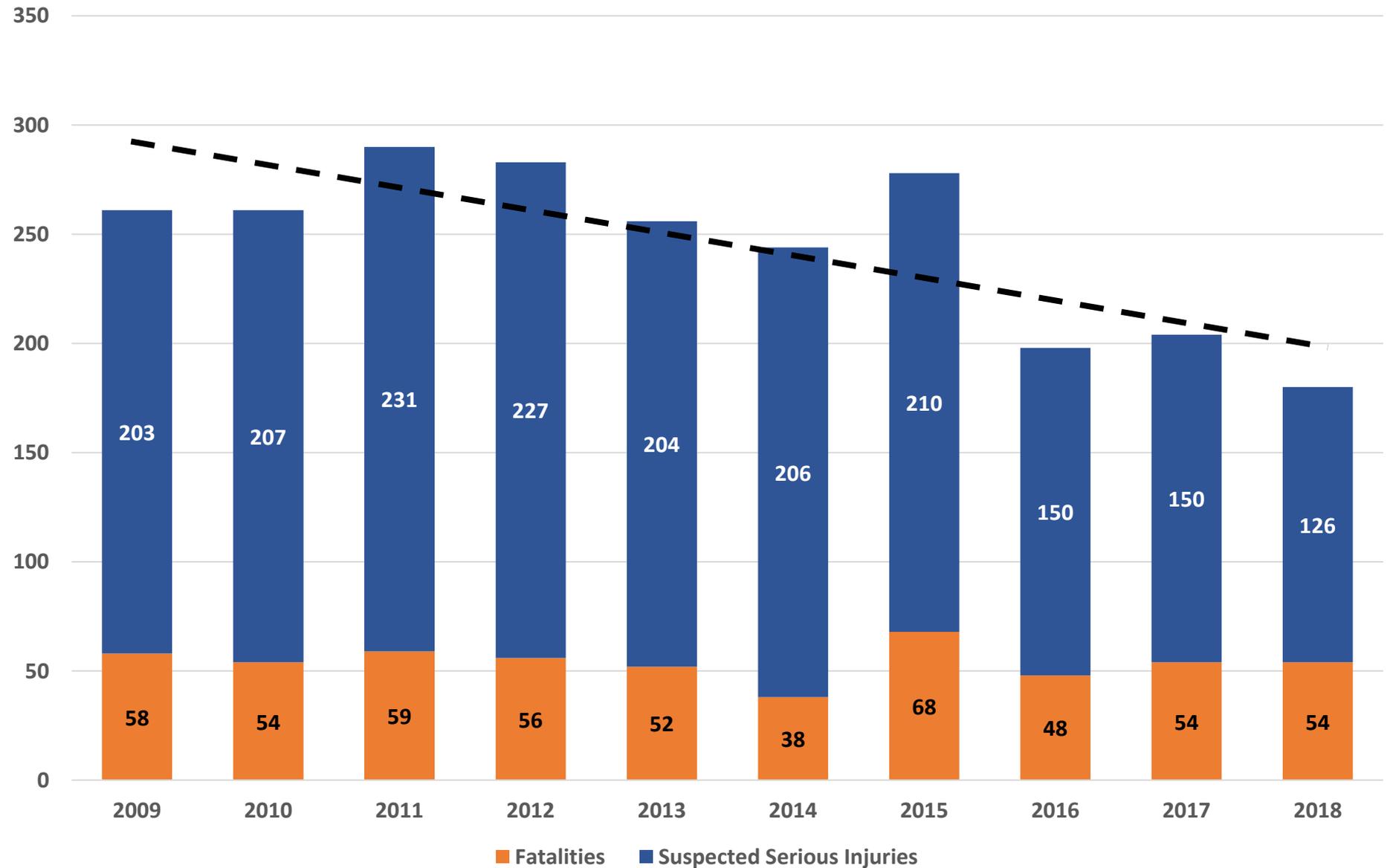
Inattentive/Careless Driver Action Involved in Fatalities and Suspected Serious Injuries, 2009-2018



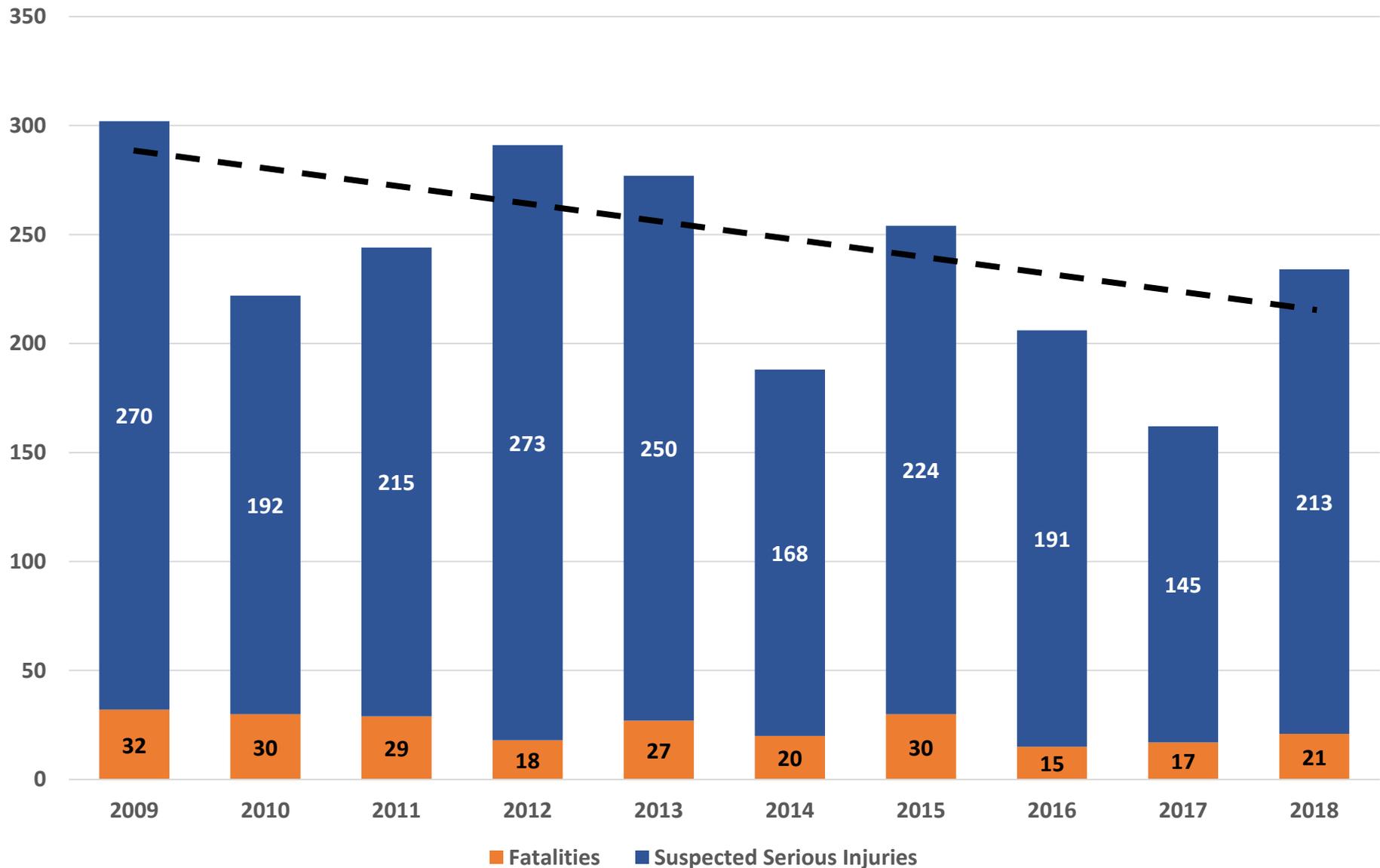
Inattentive/Careless Driver Action Involved Resulting Fatalities & Suspected Serious Injuries, 2014-2018



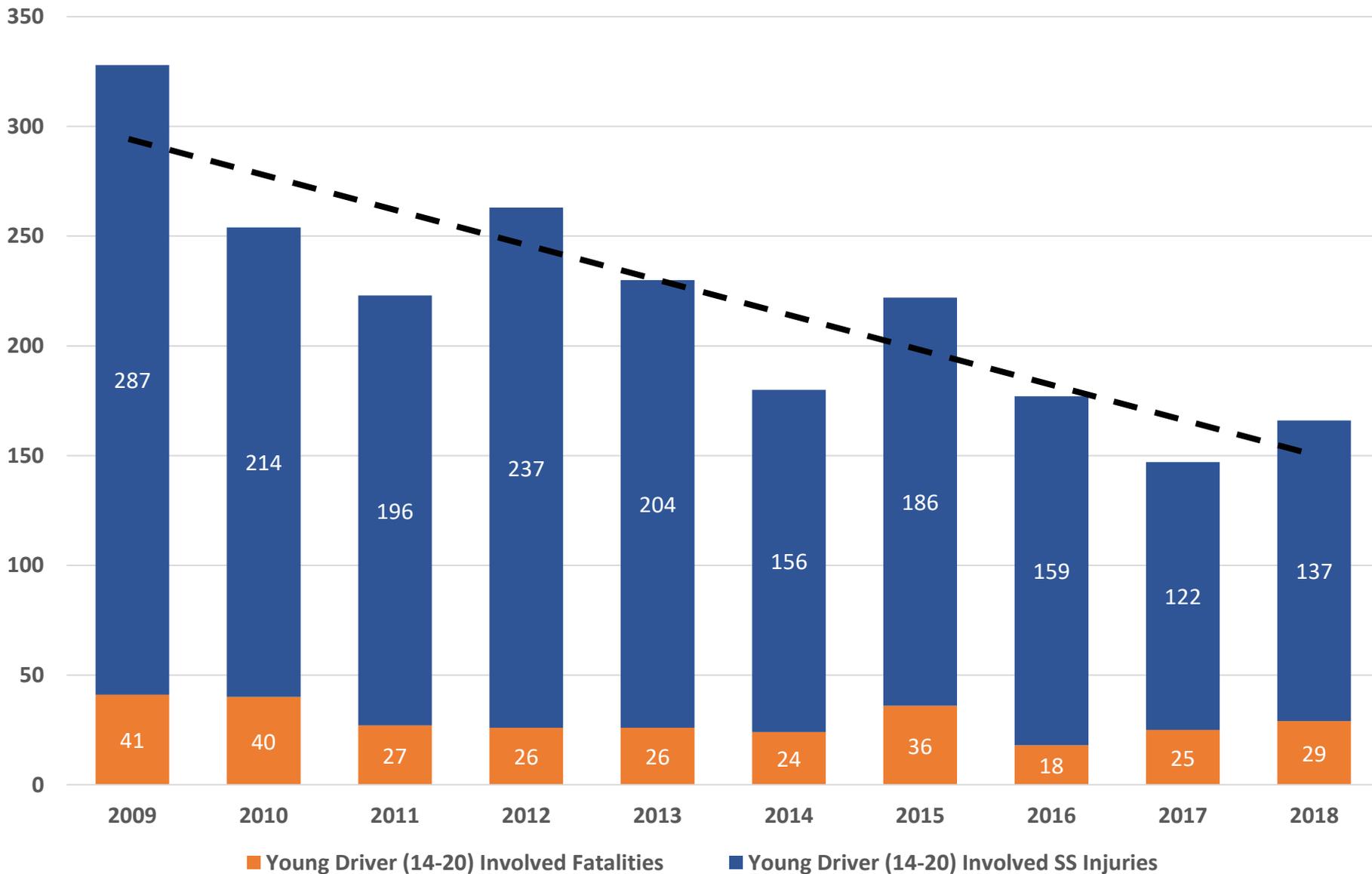
Speed as a Factor, Fatalities and Suspected Serious Injuries, 2009-2018



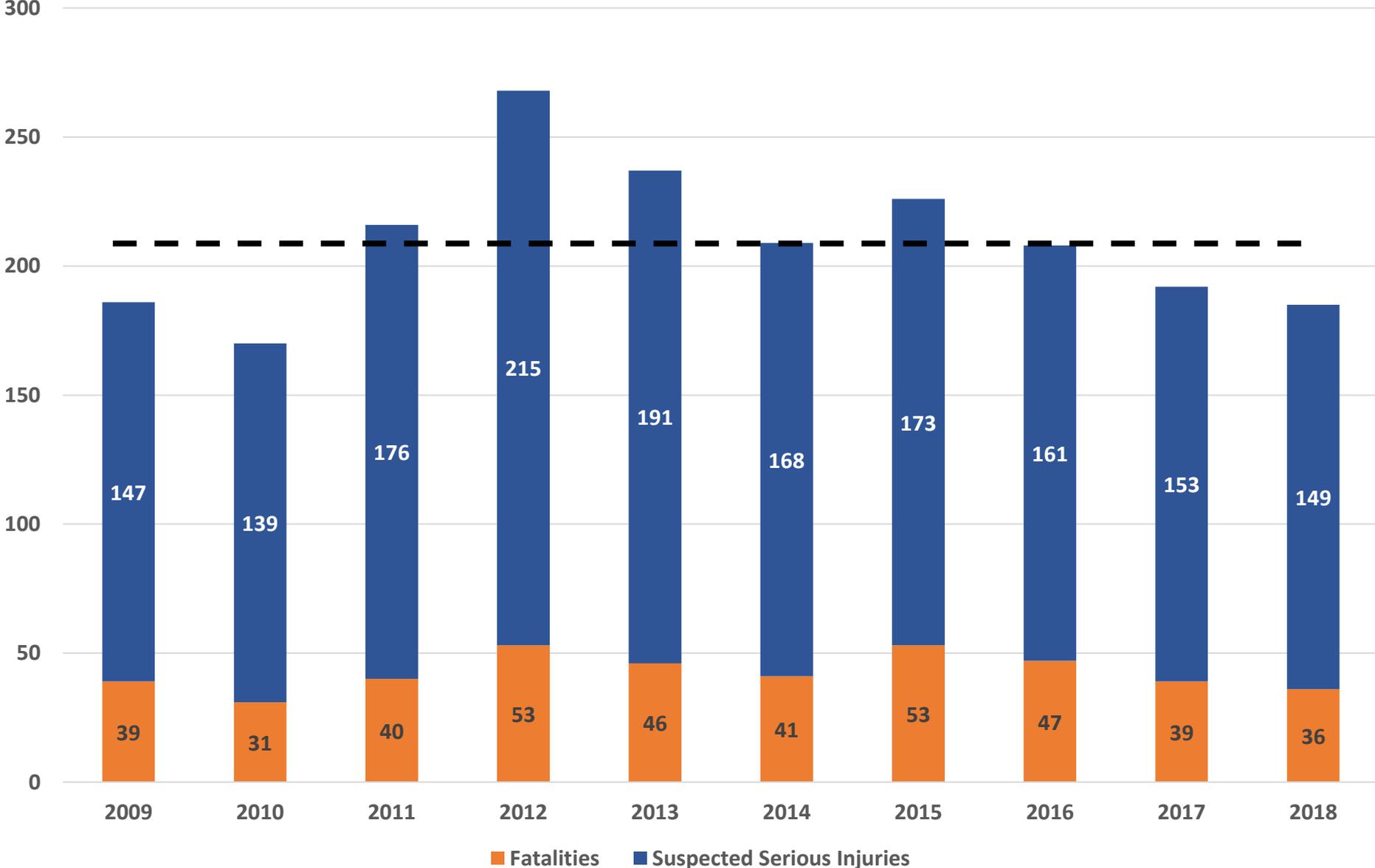
Intersection Related Fatalities and Suspected Serious Injuries, 2009-2018



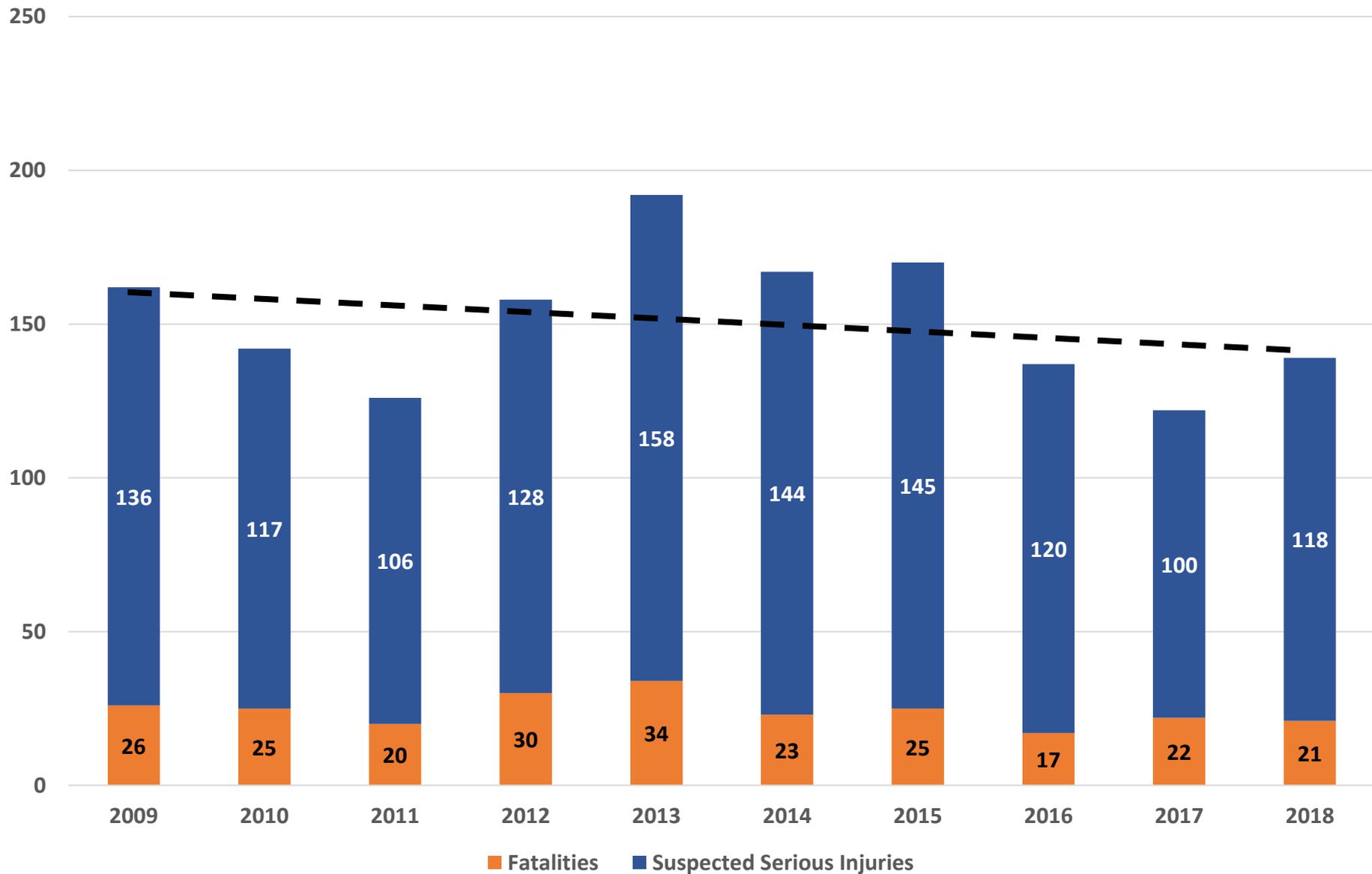
Young Driver (14-20) Involved Fatalities and Serious Injuries, 2009-2018



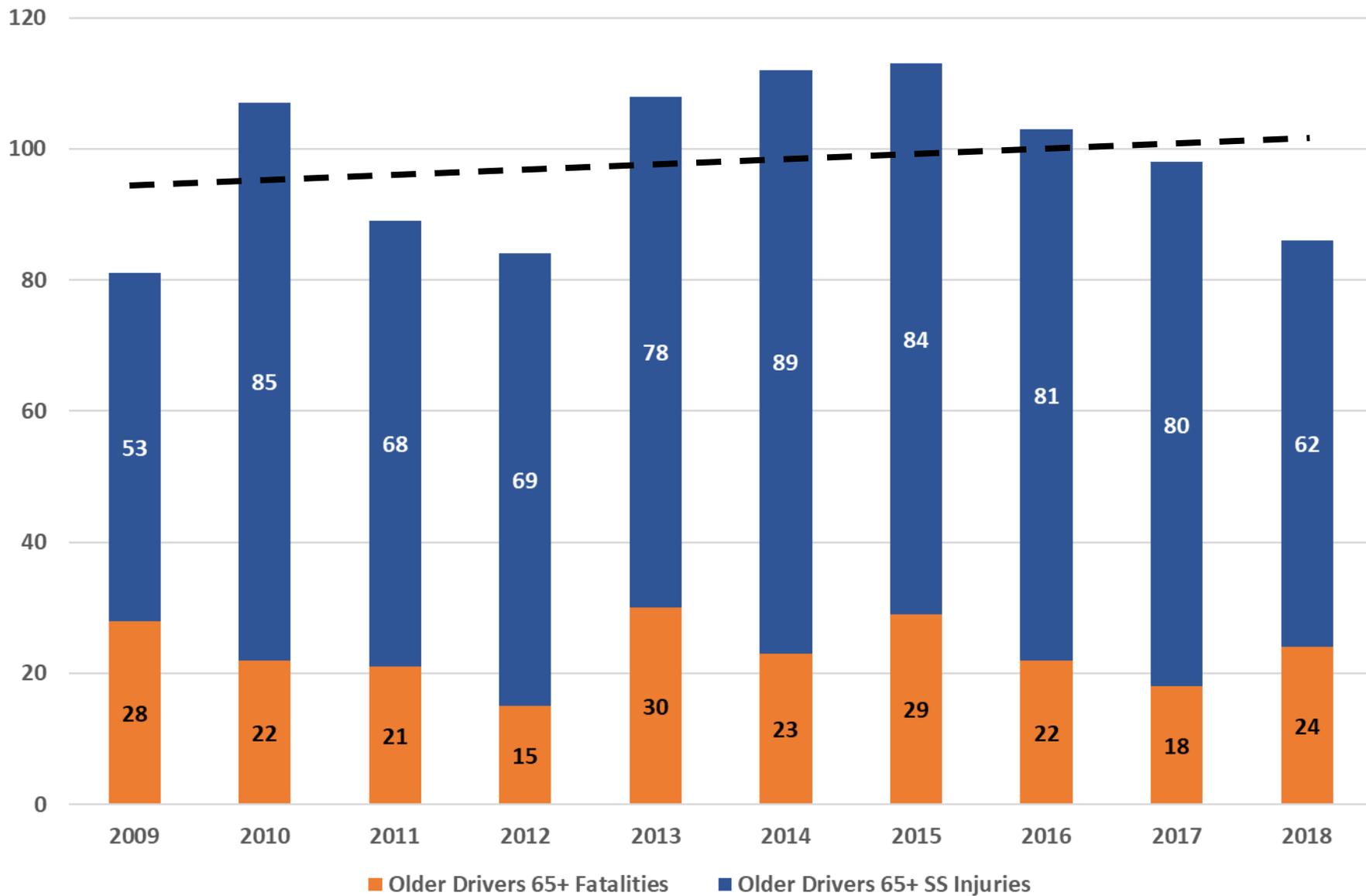
Drivers Not Licensed Related Fatalities and Suspected Serious Injuries, 2009-2018



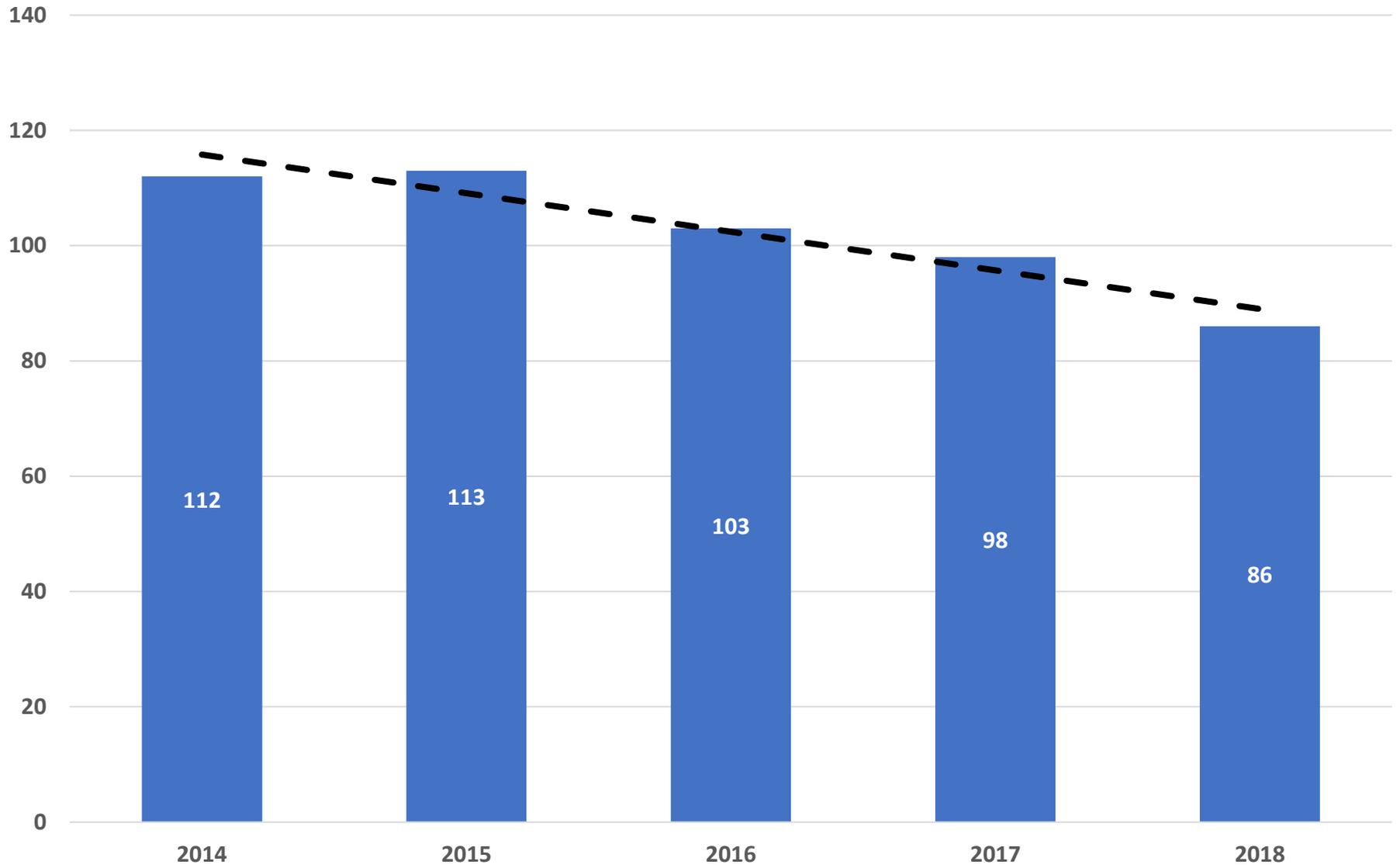
Motorcyclist Involved Fatalities and Suspected Serious Injuries, 2009-2018



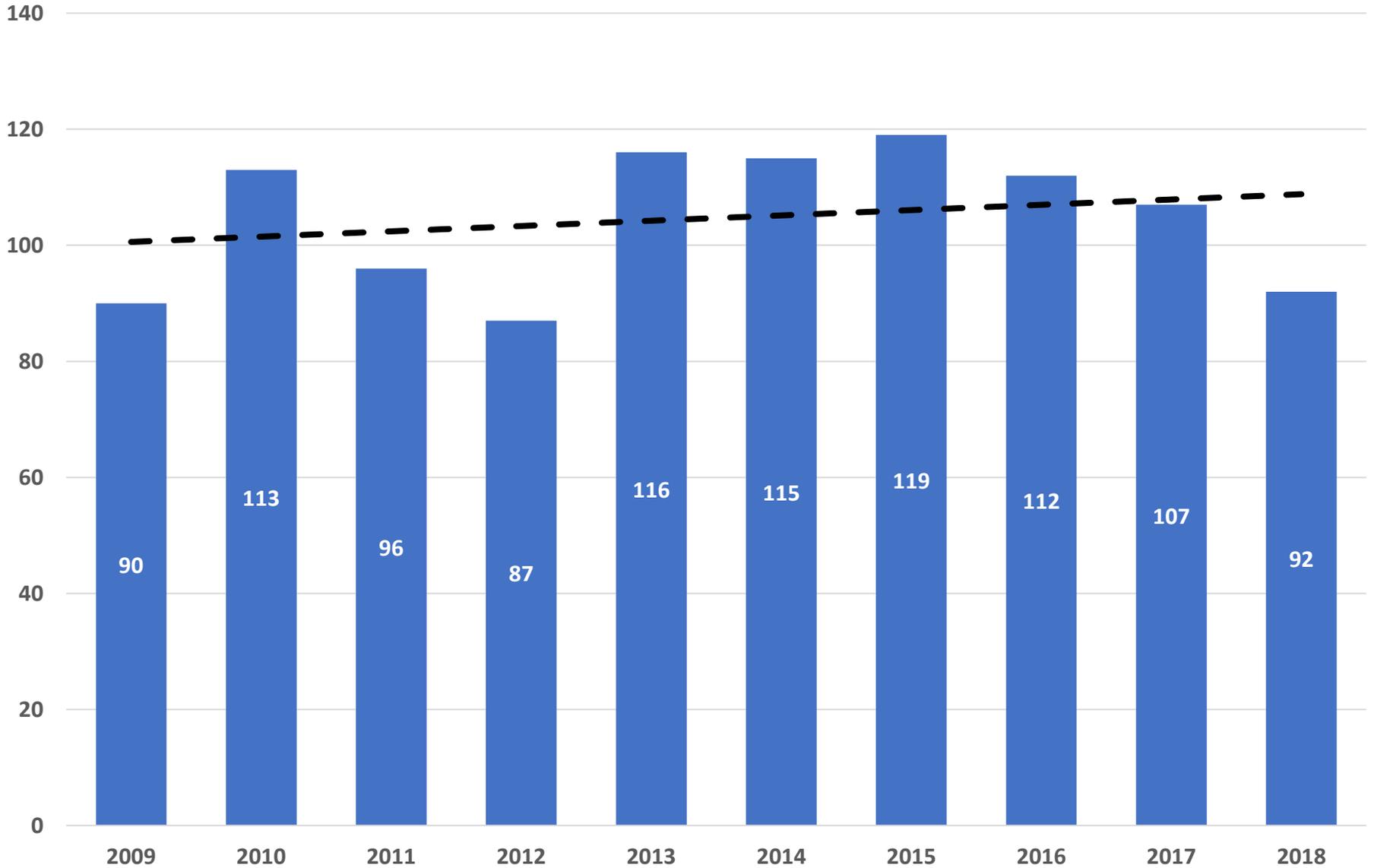
Older Driver 65+ YOA Involved, 2009-2018



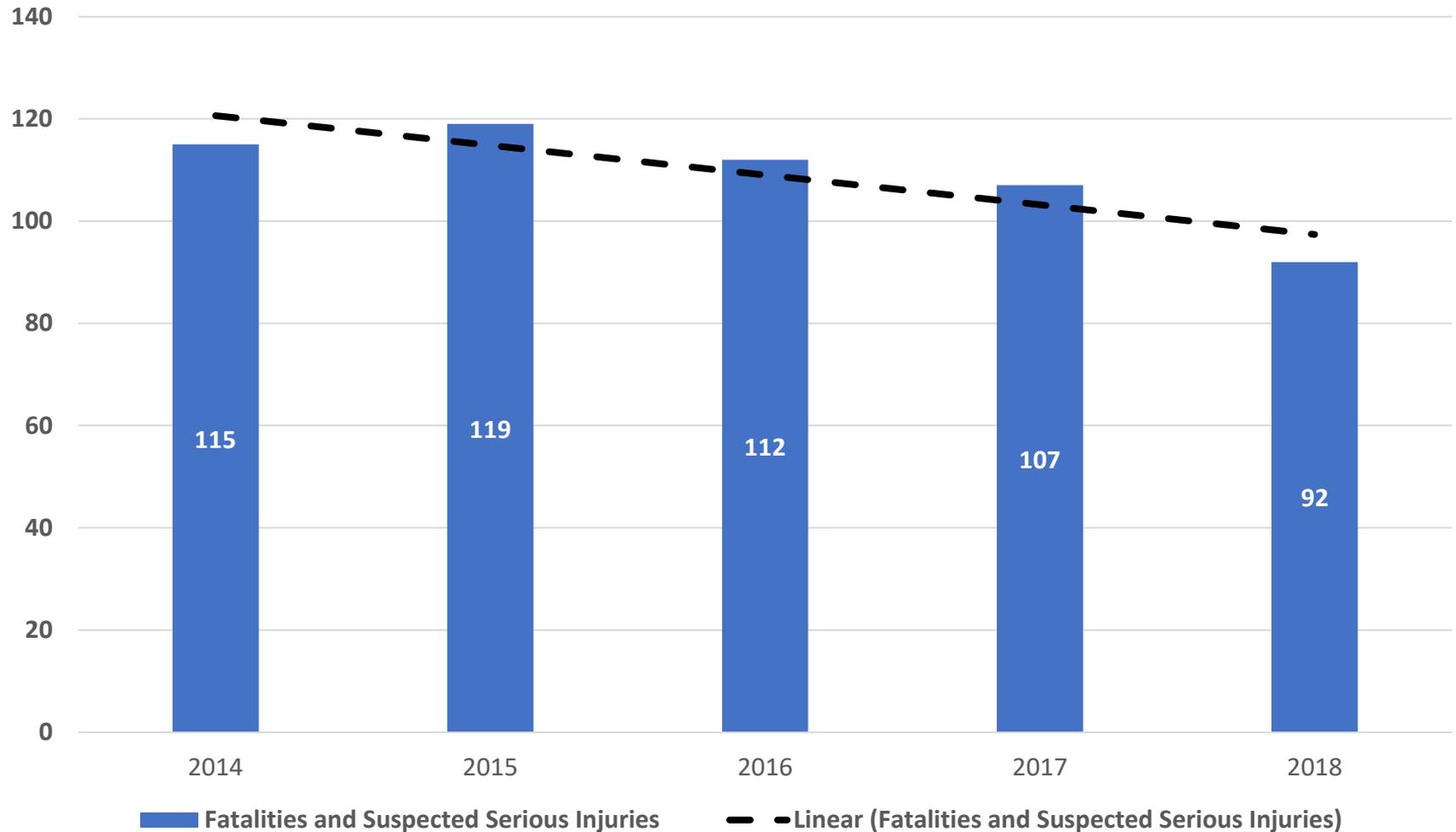
Older Driver 65+ YOA Involved Fatalities and Suspected Serious Injuries, 2014-2018



Older Driver & Pedestrians 65+ YOA Fatalities and Suspected Serious Injuries, 2009-2014

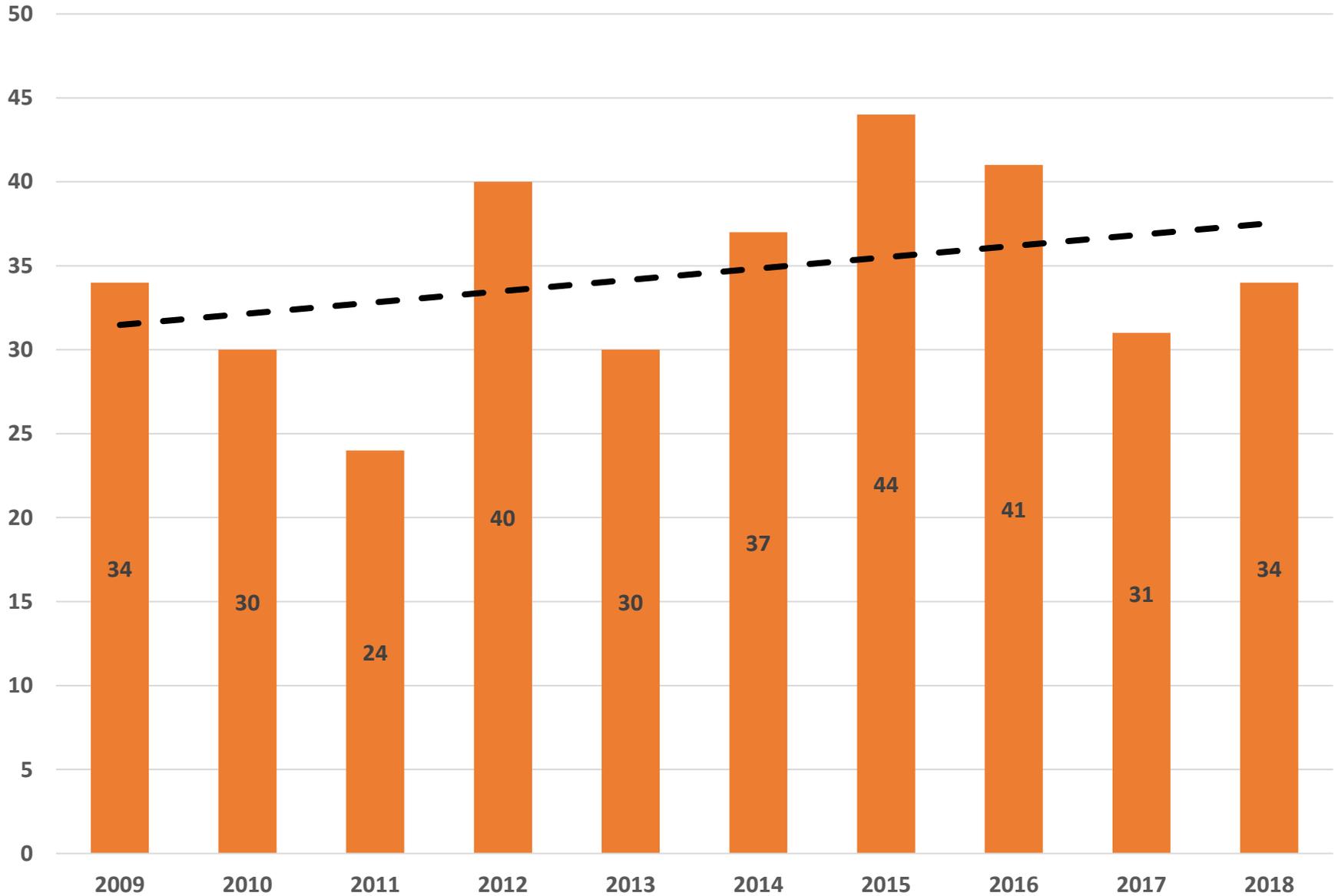


Older Driver & Older Pedstrian 65+ YOA Fatalities and Suspected Serious Injuries, 2014-2018

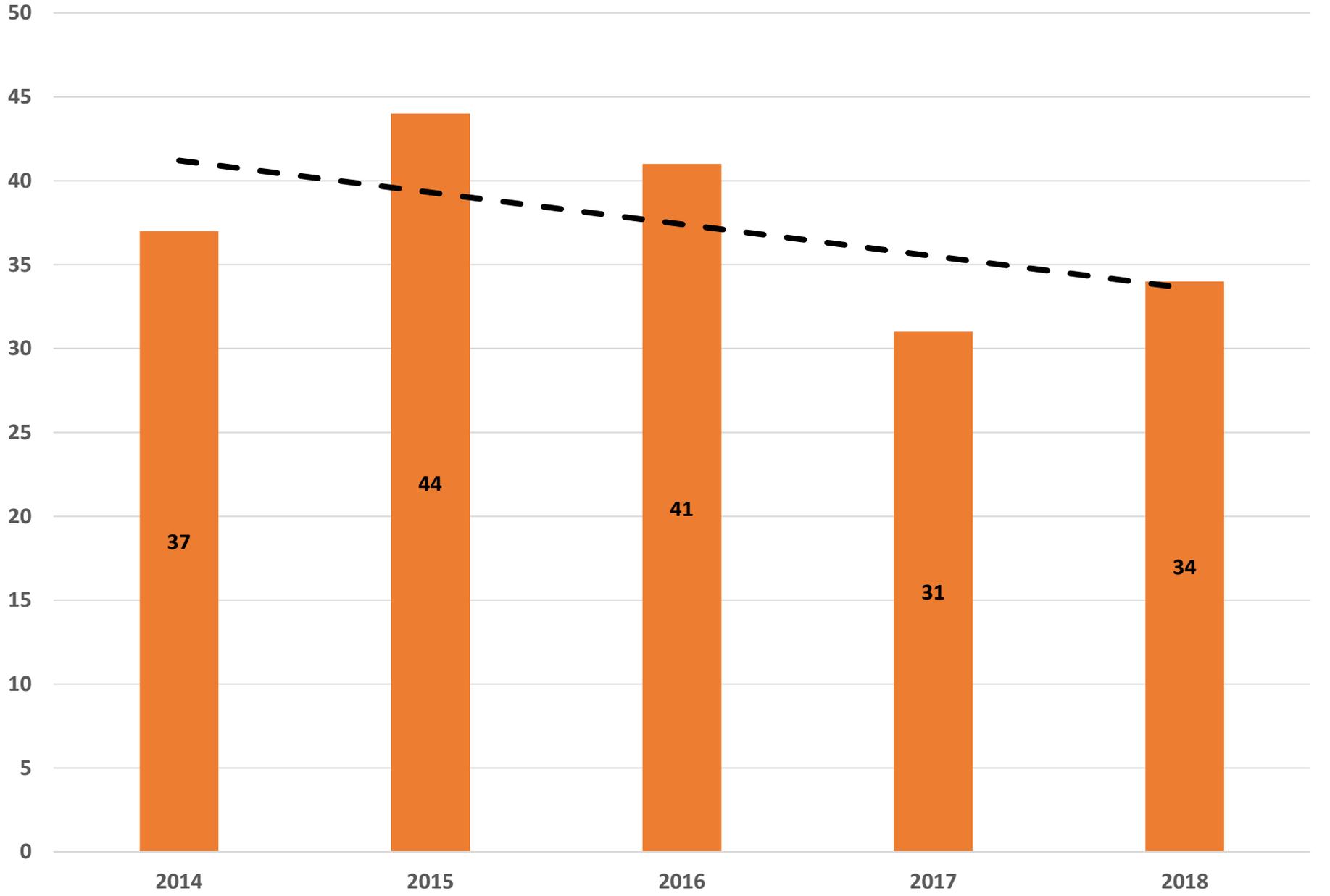


- 2018 Population estimate of 65 + Years of Age (YOA) in the state of Montana is 198,902.
- 2017 Population estimate of 65+ Years of Age (YOA) in the State of Montana is 190,523.
- 2016 Population estimate of 65+Years of Age (YOA) in the State of Montana is 183,484.
- Source: U.S. Census Bureau, Population Division

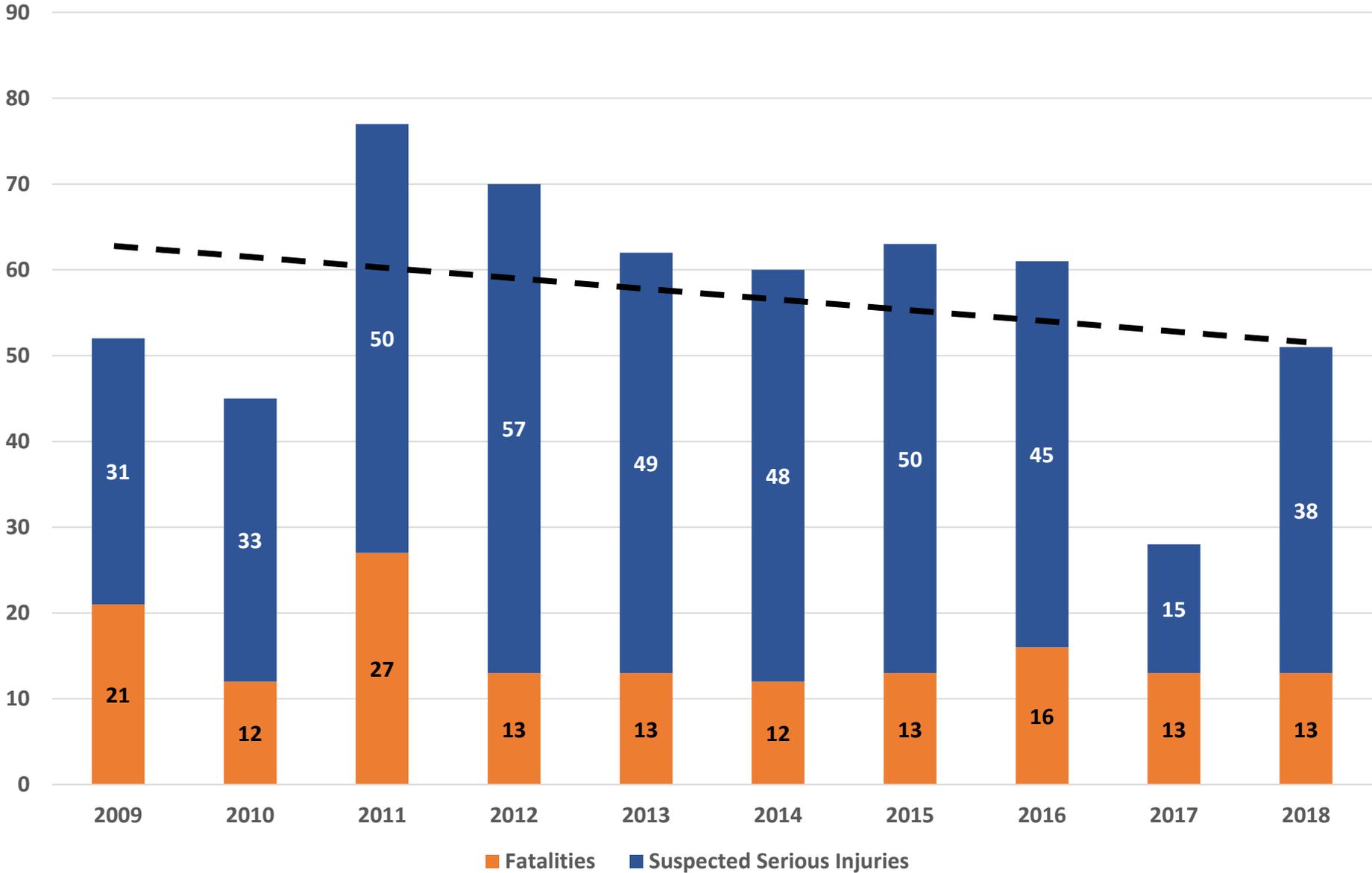
Native American MV Related Fatalities, 2009-2018



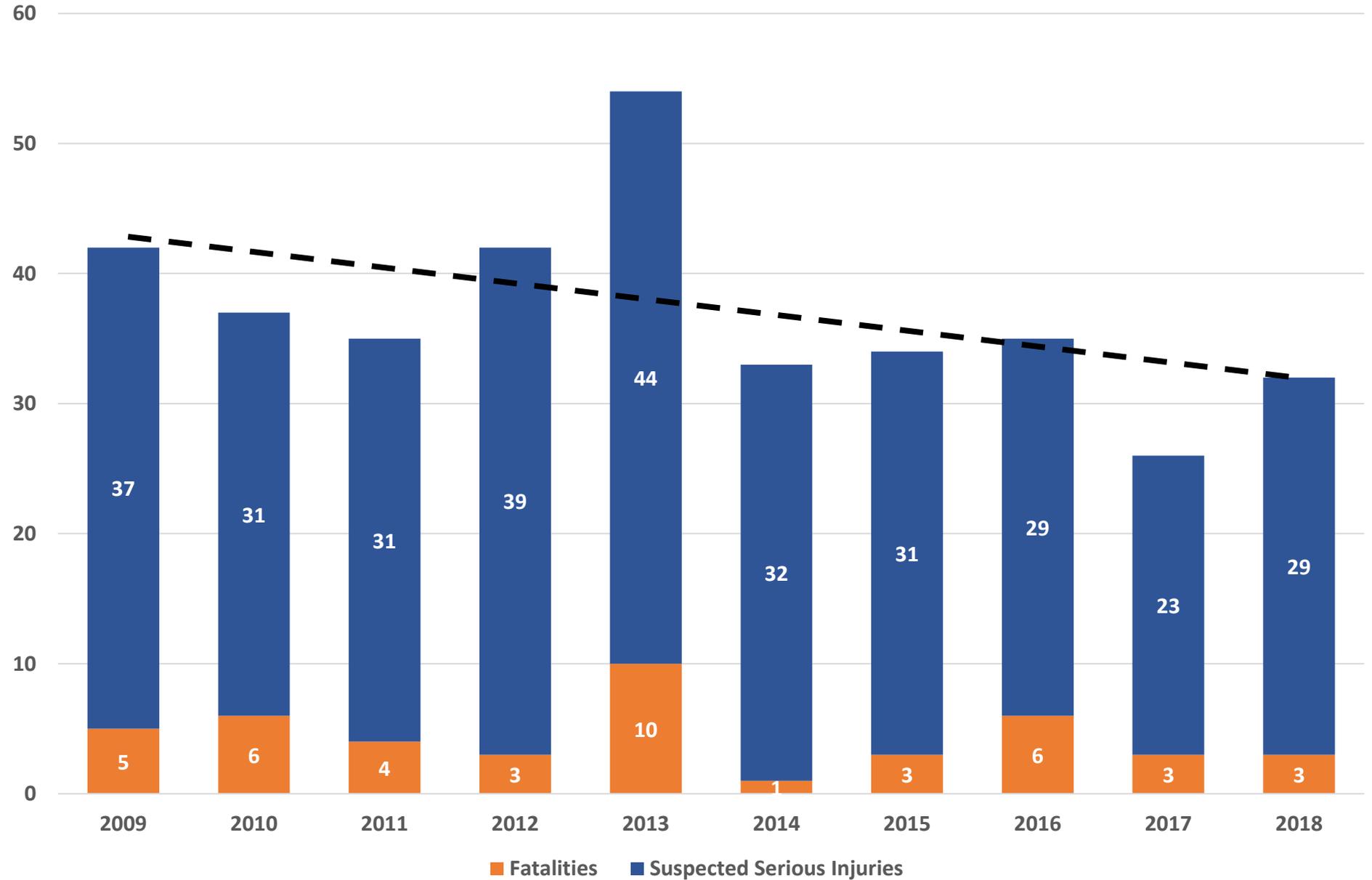
Native American MV Related Fatalities, 2014-2018



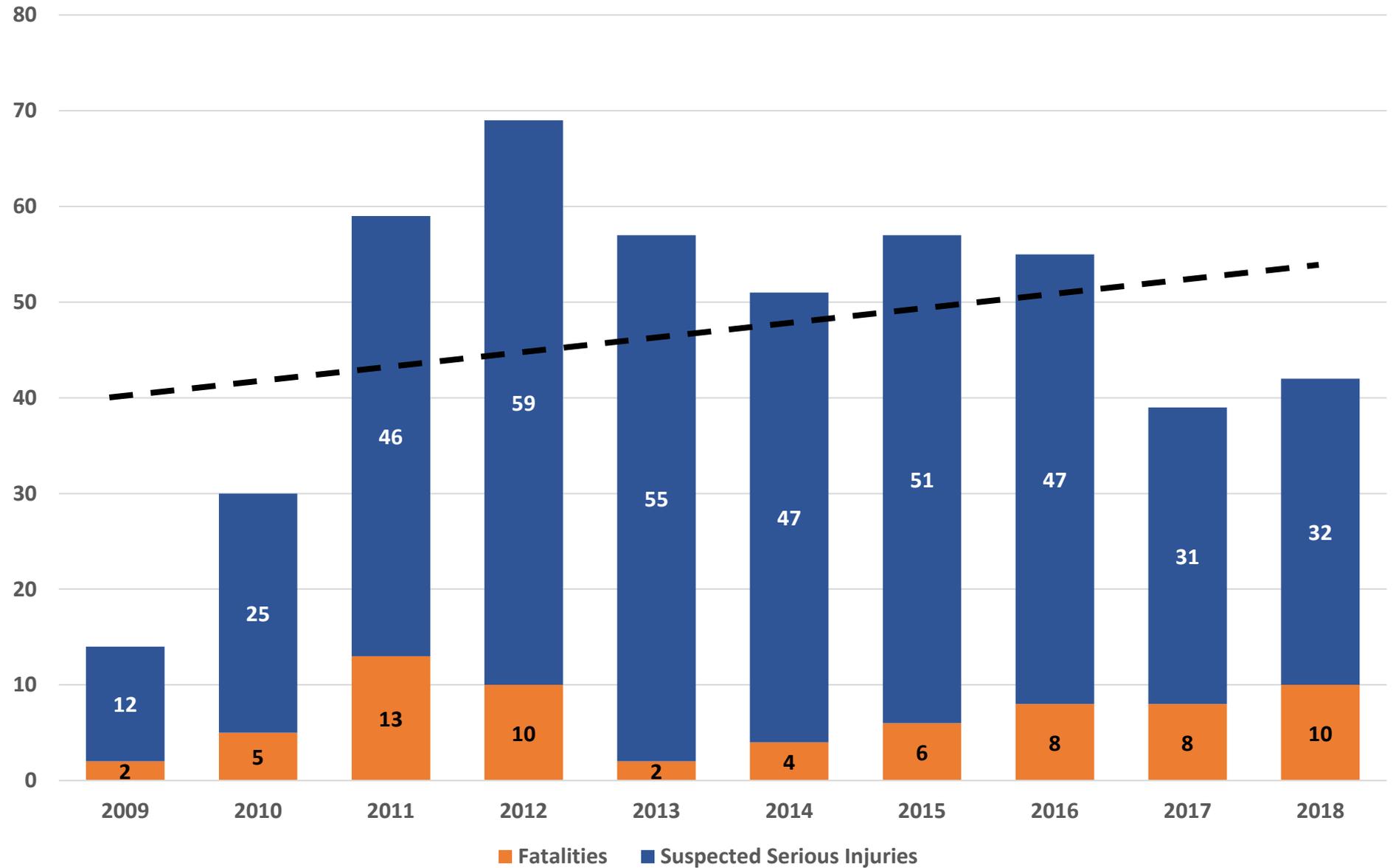
Heavy Vehicles (26,000 #) Related Fatalities and Suspected Serious Injuries, 2009-2018



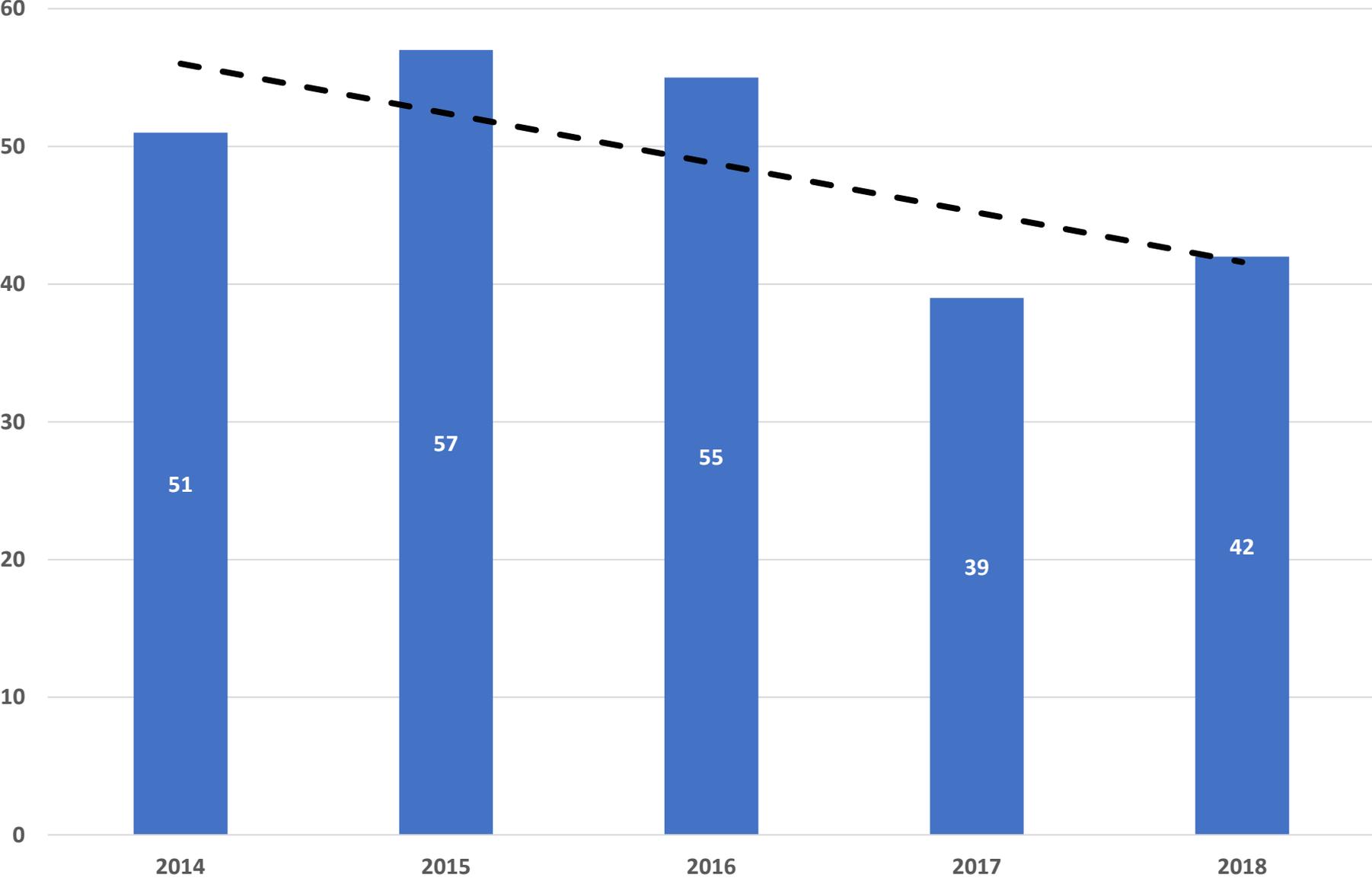
Animal Involved Fatalities and Suspected Serious Injuries, 2009-2018



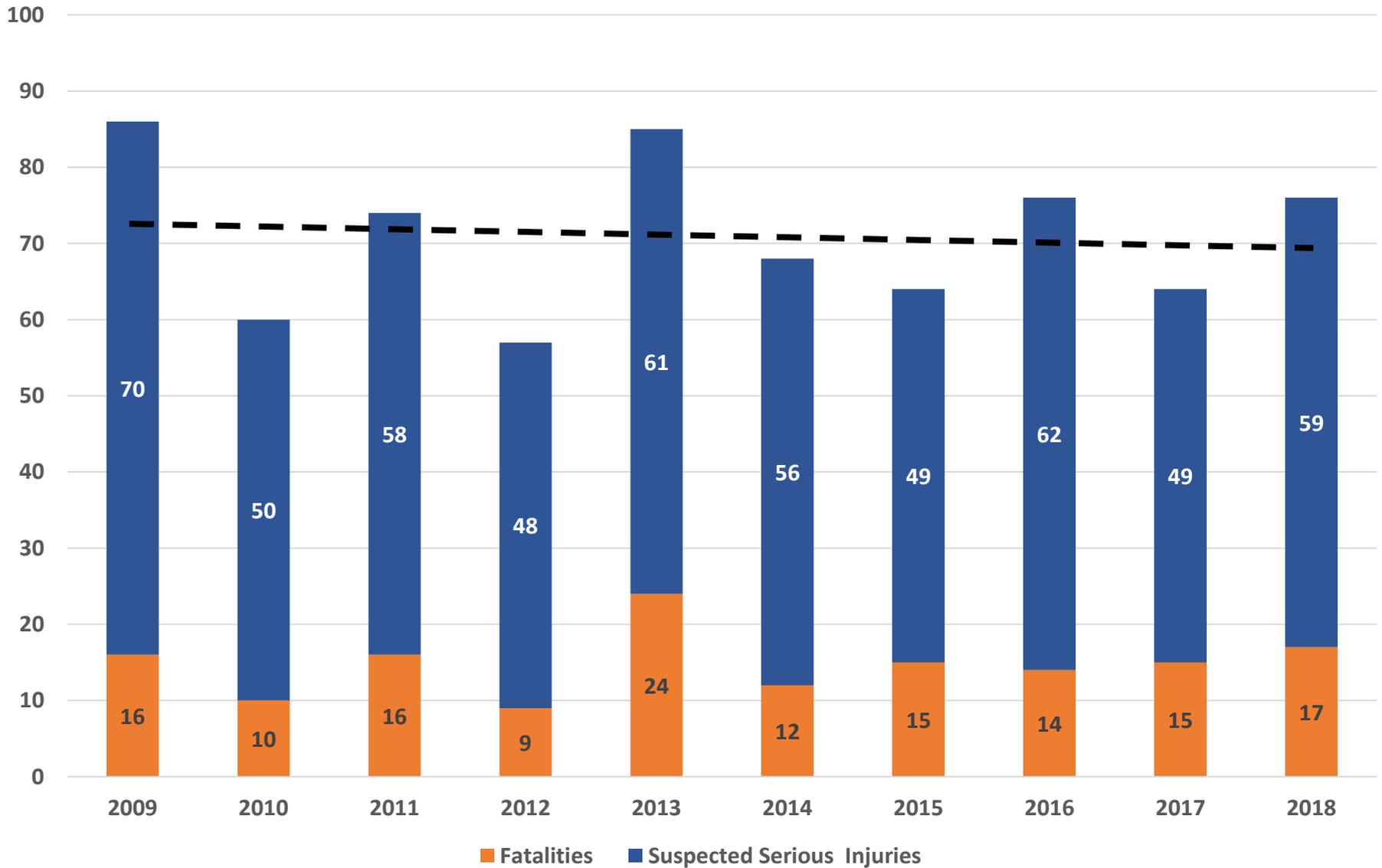
Asleep and Fatigued Related Fatalities and Suspected Serious Injuries, 2009-2018



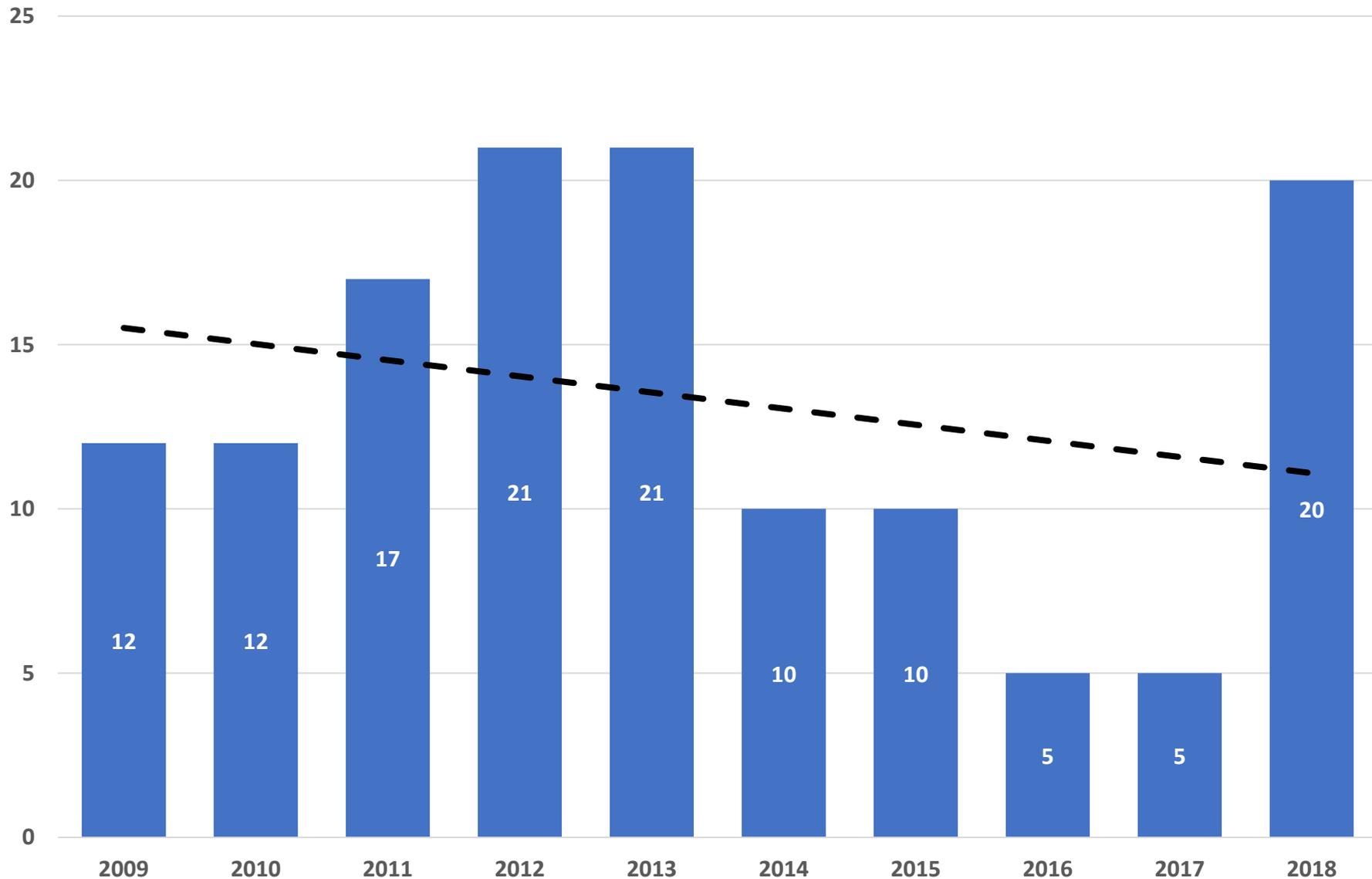
Asleep and Fatigued Driver Related Fatalities and Suspected Serious Injuries, 2009-2018



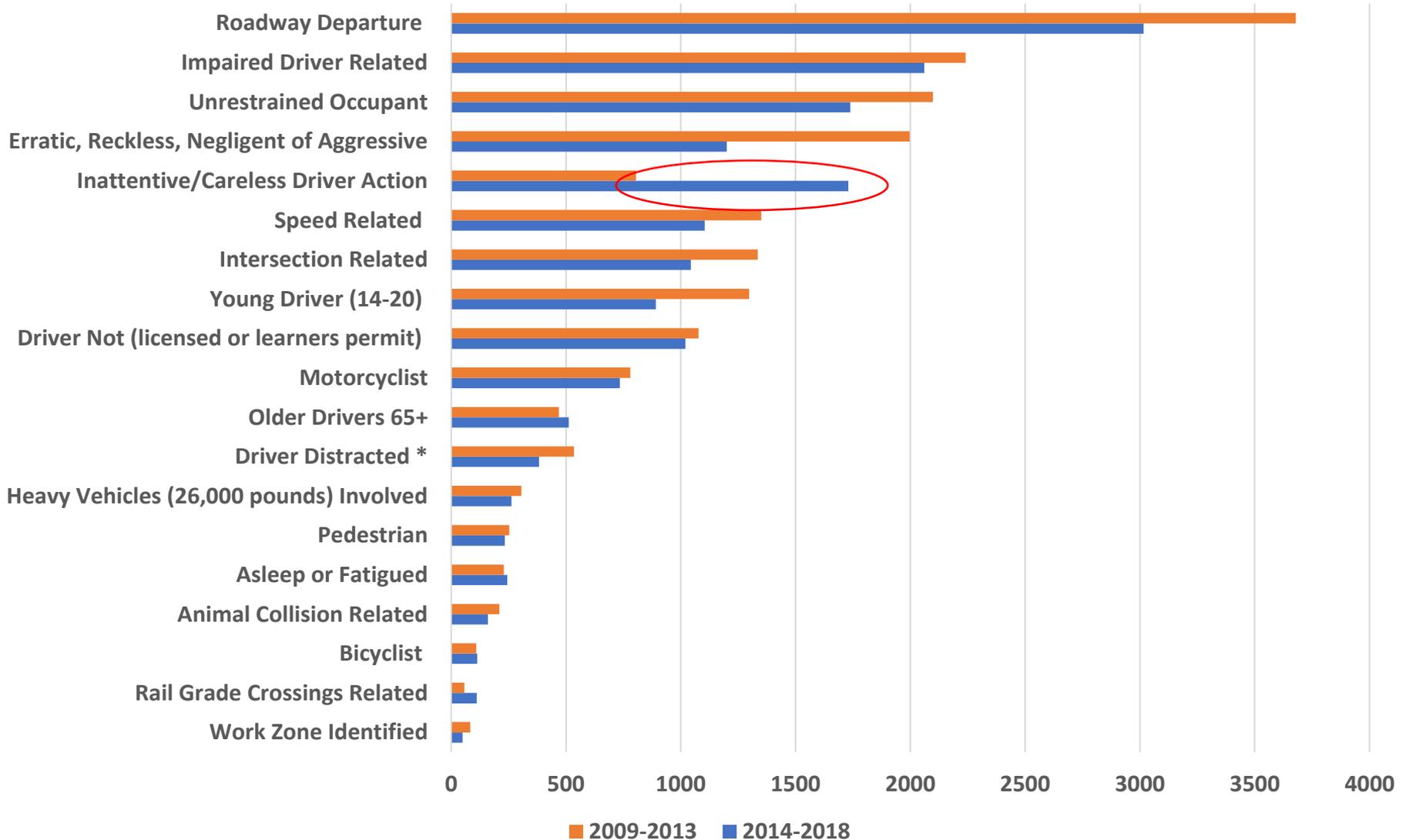
Nonmotorized Fatalities and Suspected Serious Injuries, 2009-2018



Work Zone Related Fatalities and Suspected Serious Injuries, 2009-2018

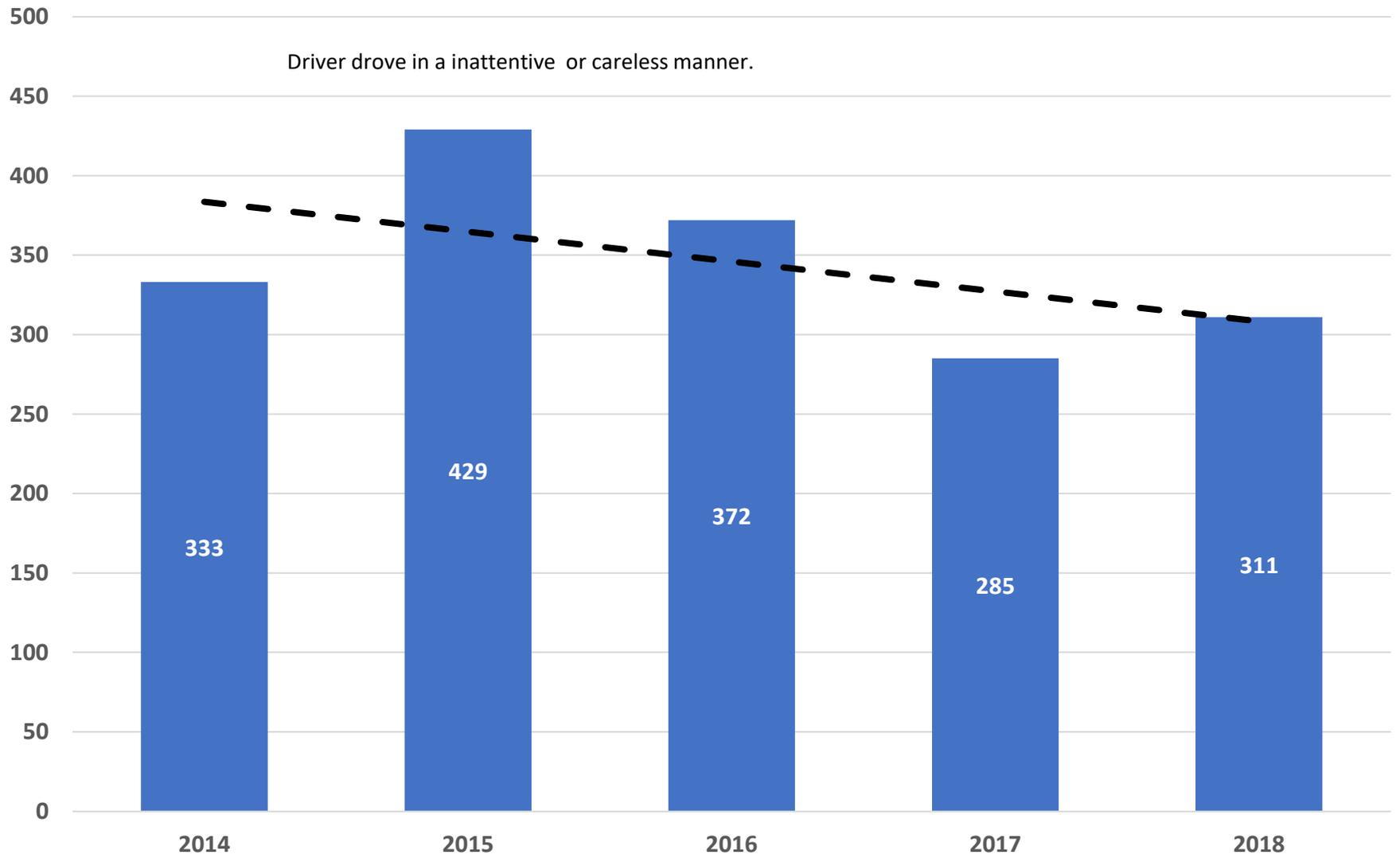


5-Year Fatality and Suspected Serious Injuries Comparison, 2009-13 and 2014-18



*(passenger, electronic communication devices, other electronic devices, passenger, inside vehicle, external or unknown source)

Inattentive/Careless Driver Action Involved Resulting Fatalities & Suspected Serious Injuries, 2014-2018



Outcomes

- ✓ Confirmation of Mission, Vision and Goal
- ✓ Confirmation of CHSP Interim Goal
- ✓ Confirmation of Emphasis Areas

Next Step

Next Meeting-March 13

- Discuss Safety Performance Measures and Target to use for the next 5-years
- Review detailed data by Emphasis Areas to determine appropriate countermeasures that work.
- Discuss agencies needed for implementation and any gaps and viable solutions to conduct outreach.