



# NHTSA

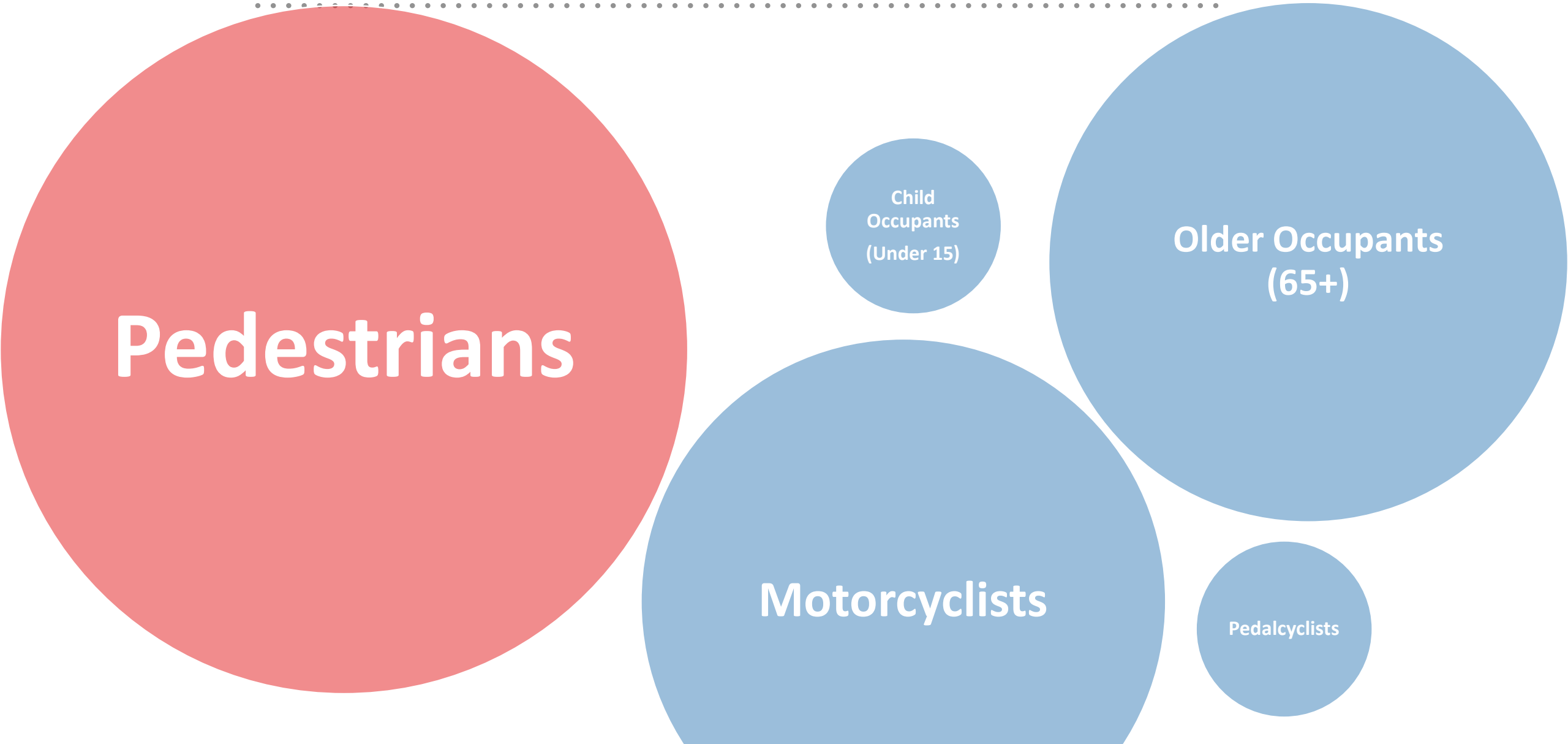
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

## Fatal Motor Vehicle Crashes: Pedestrians

*DOT Pedestrian Safety Summit*

*July 2020*

# Vulnerable Road Users (VRU)



**Pedestrians**

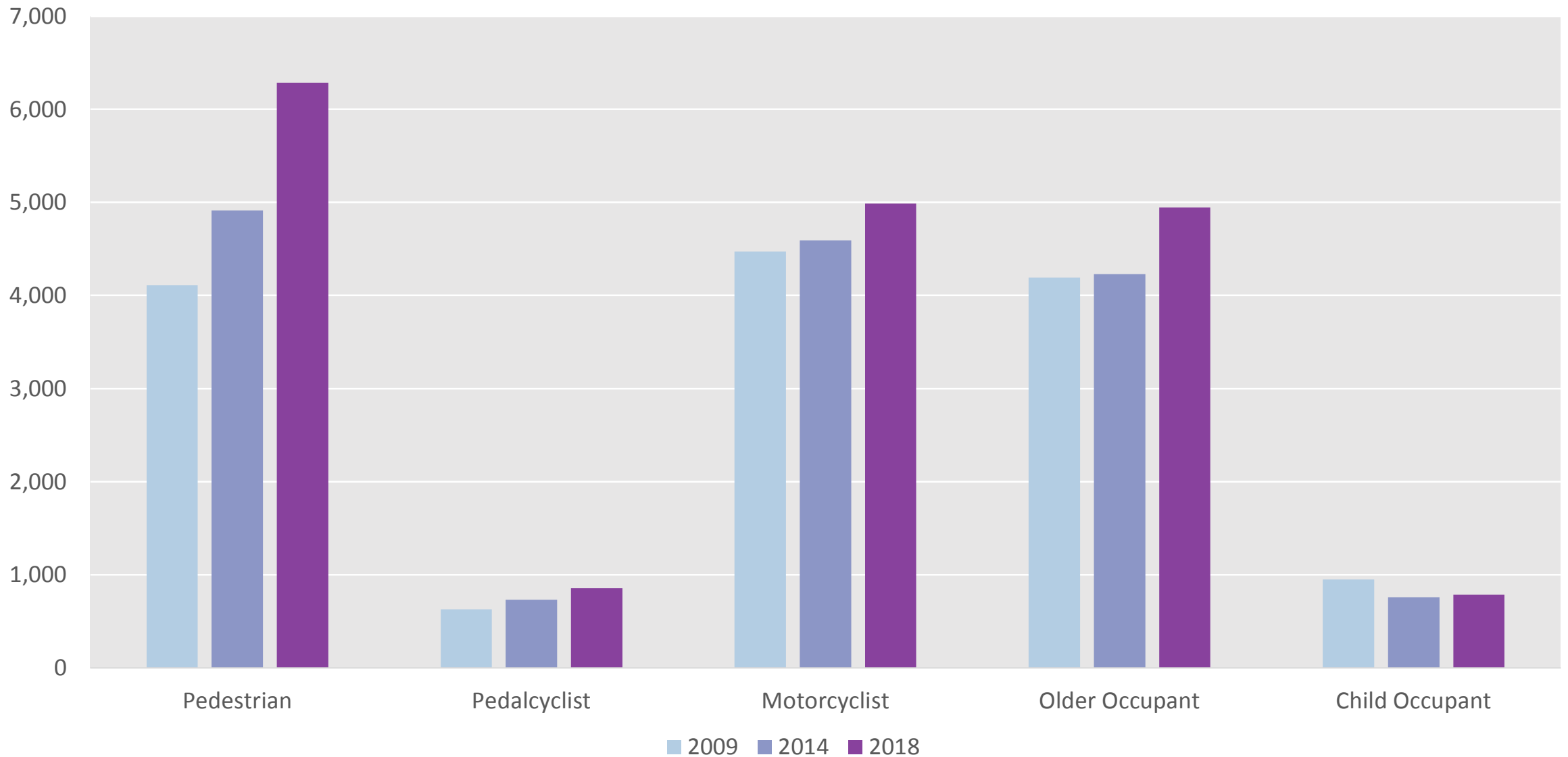
Child  
Occupants  
(Under 15)

Older Occupants  
(65+)

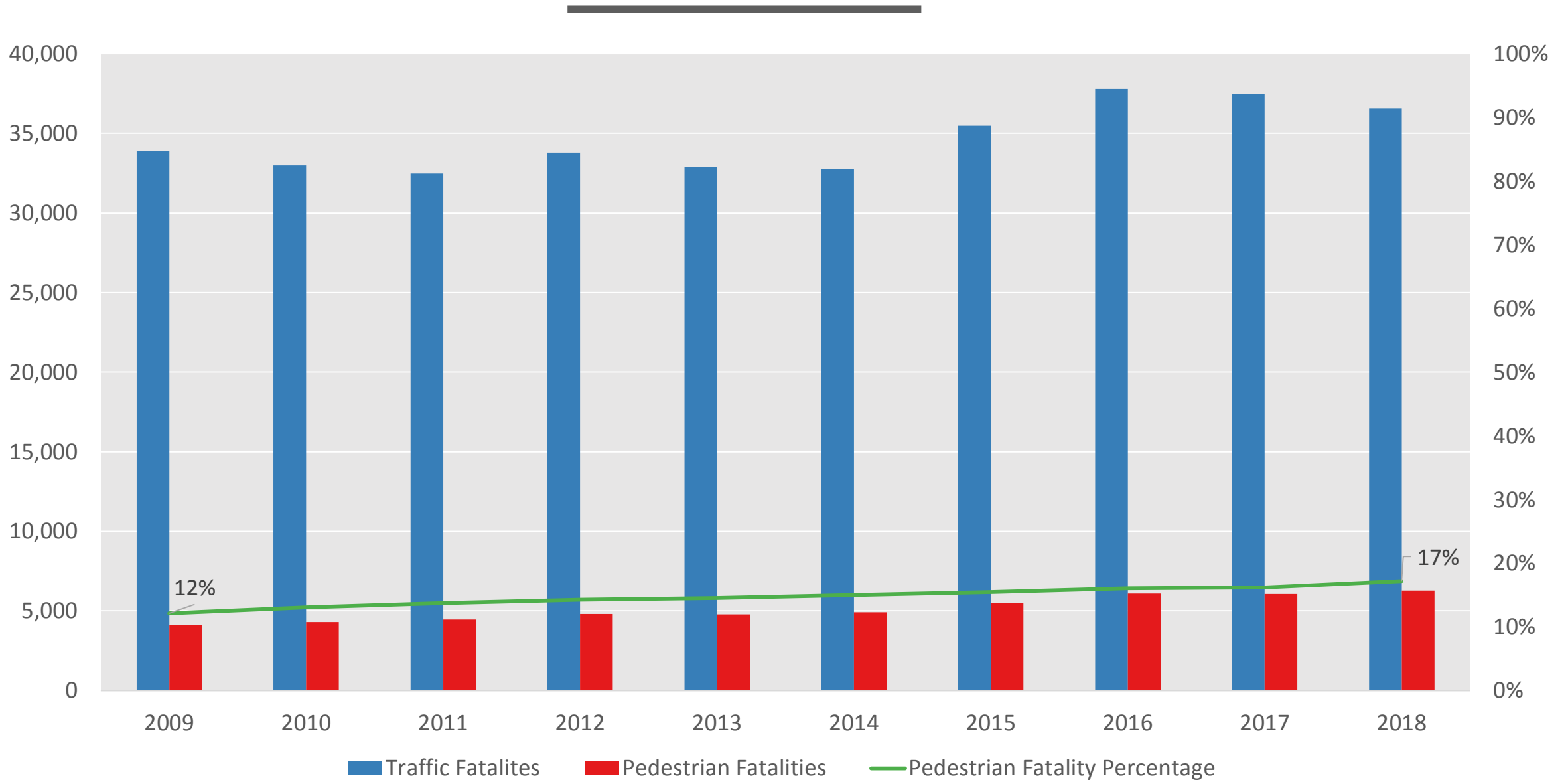
**Motorcyclists**

Pedalcyclists

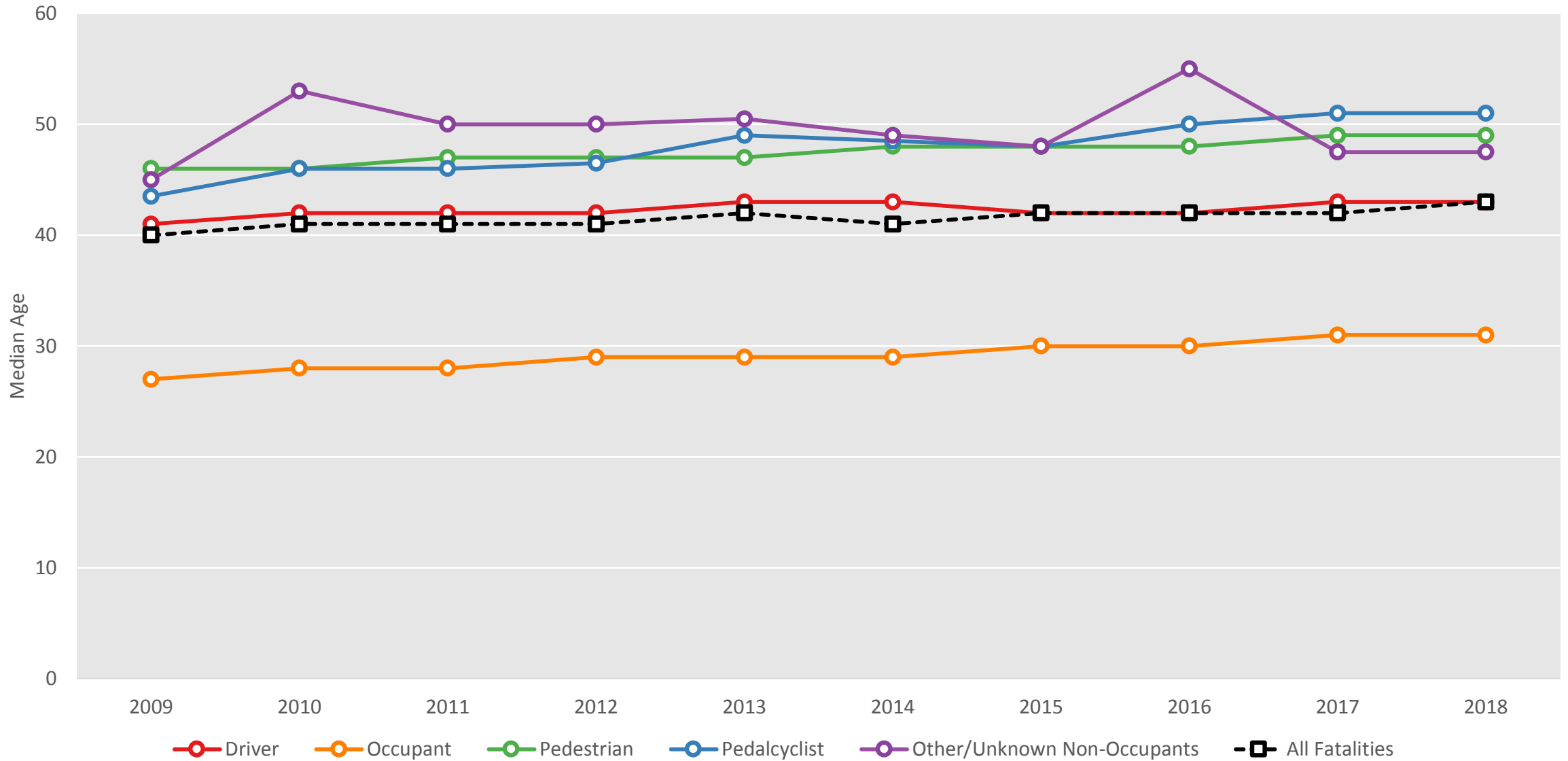
# Change in VRU Fatalities



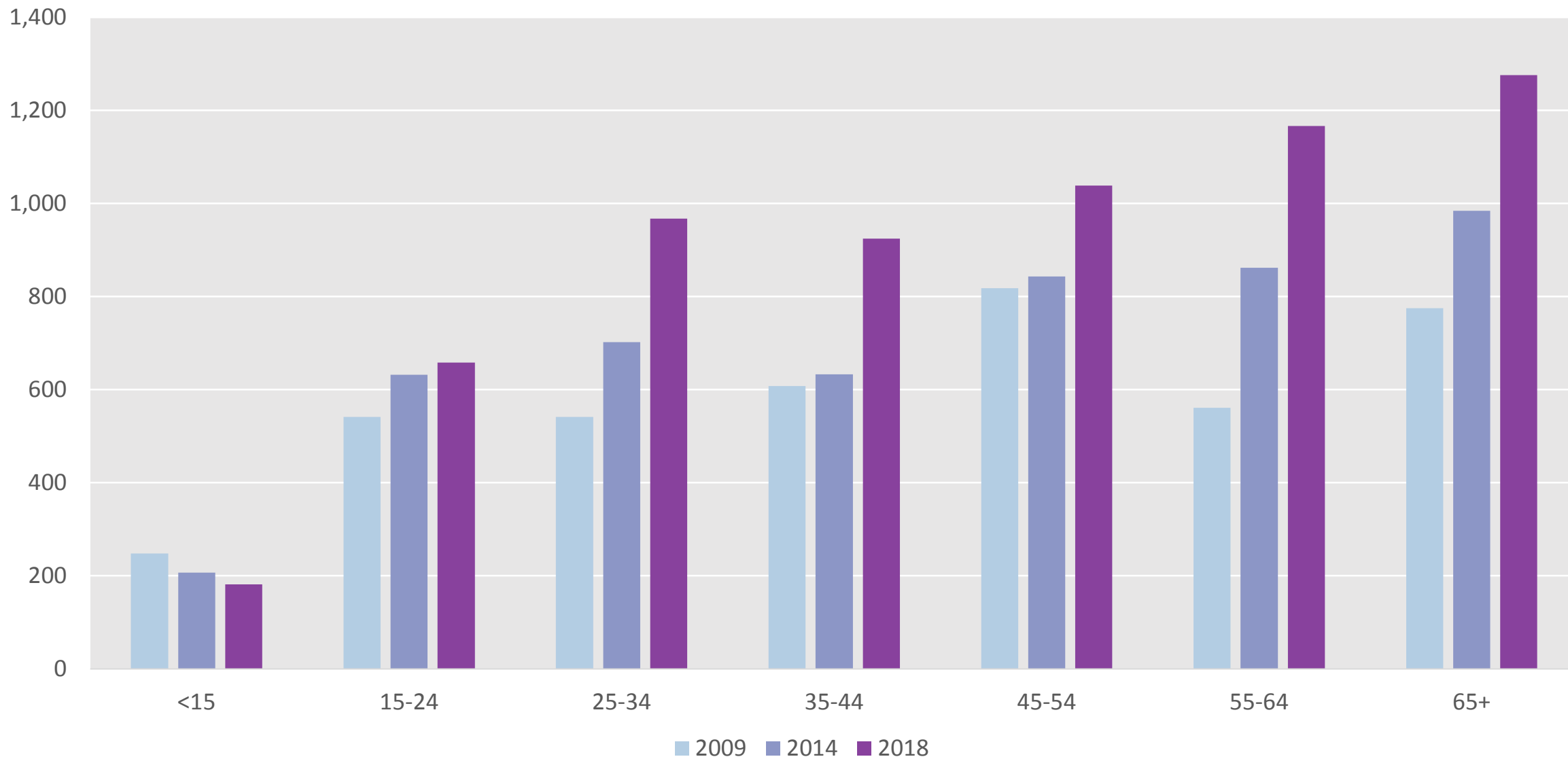
# Crash Fatalities and Pedestrian Makeup, 2009-2018



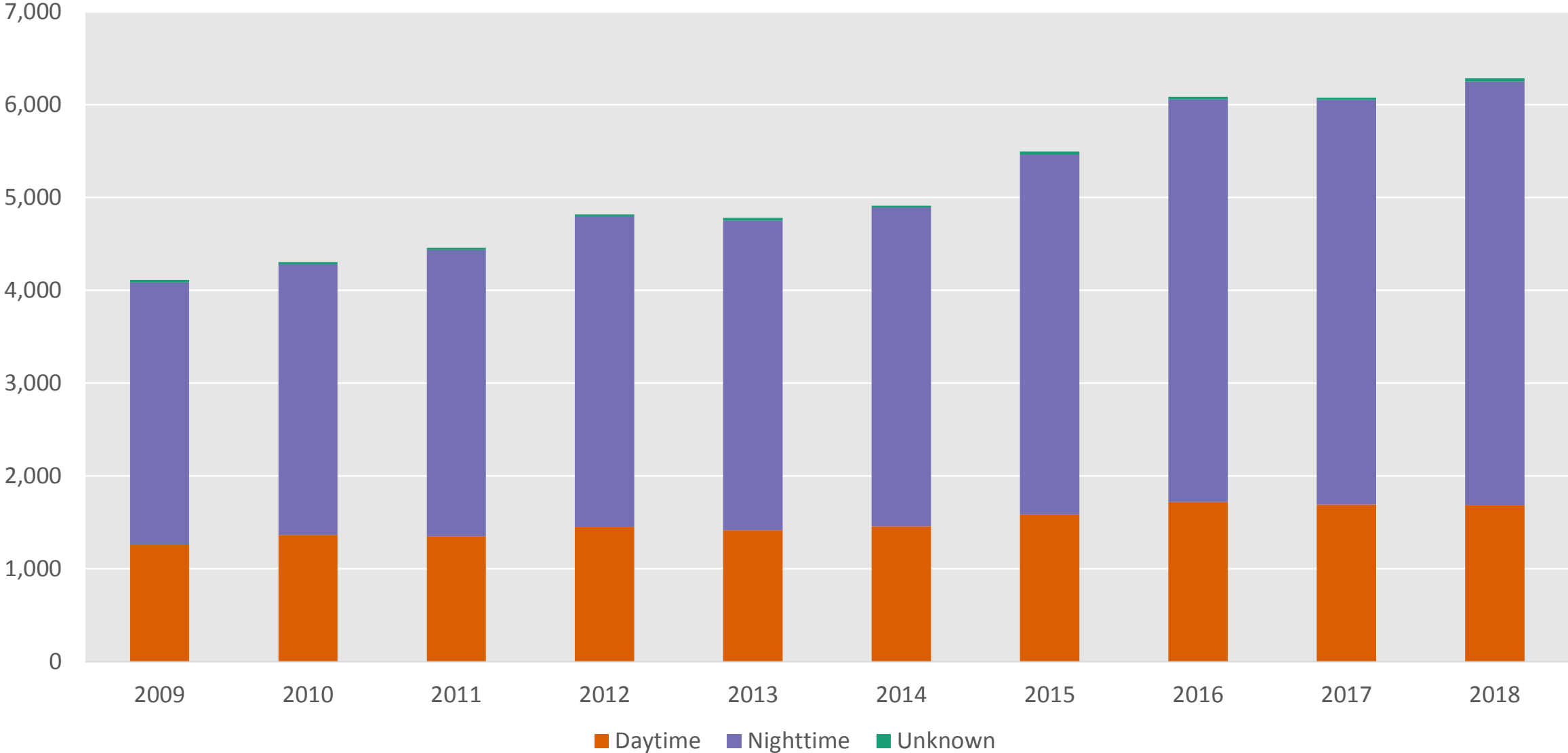
# Median Age of Fatalities by Type, 2009-2018



# Change in Pedestrian Fatalities by Age



# Pedestrian Fatalities by Time of Day, 2009-2018



Source: FARS 2009-2017 Final File, FARS 2018 Annual Report File



# 2018 Highlights



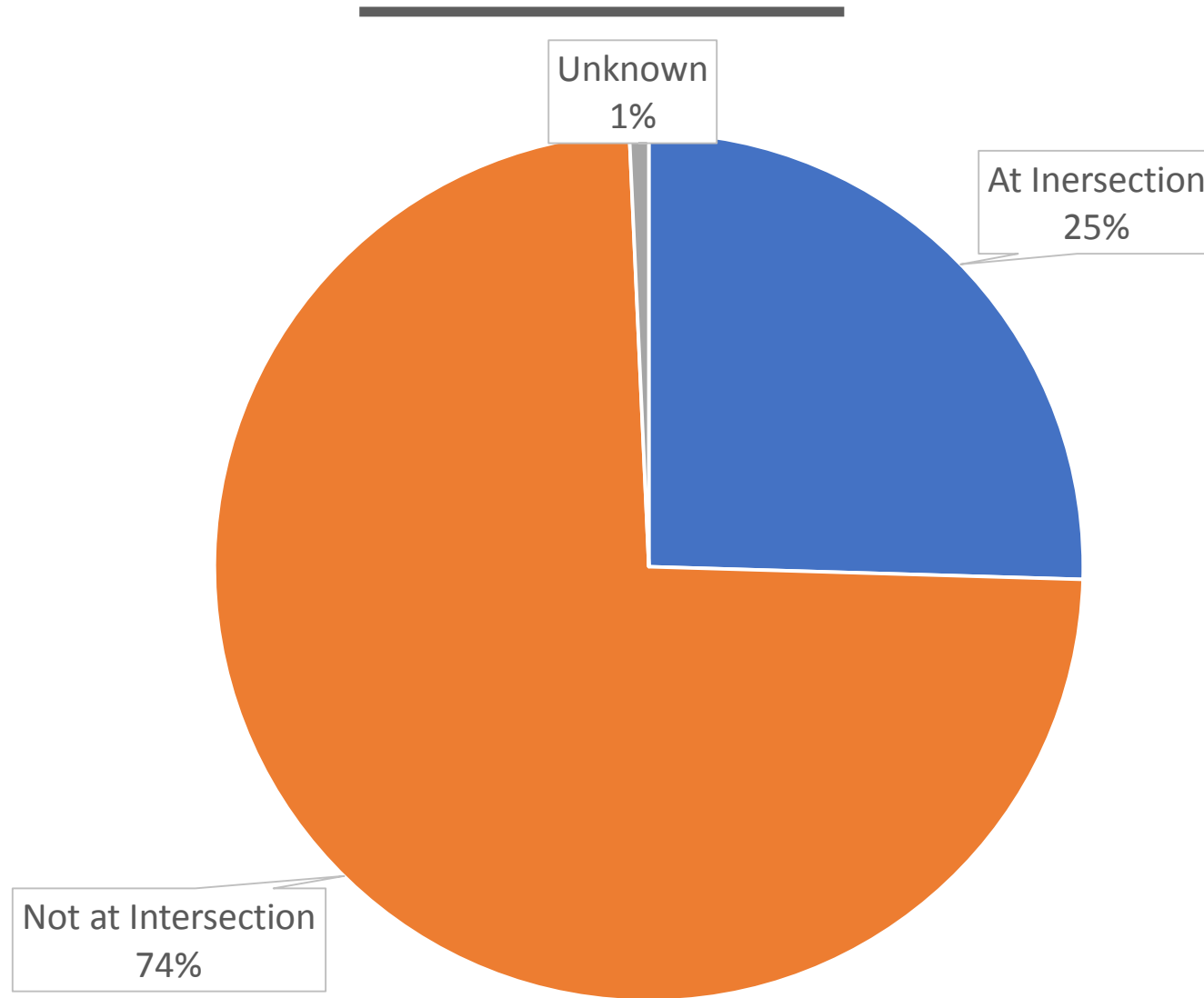


# Pedestrian Fatalities

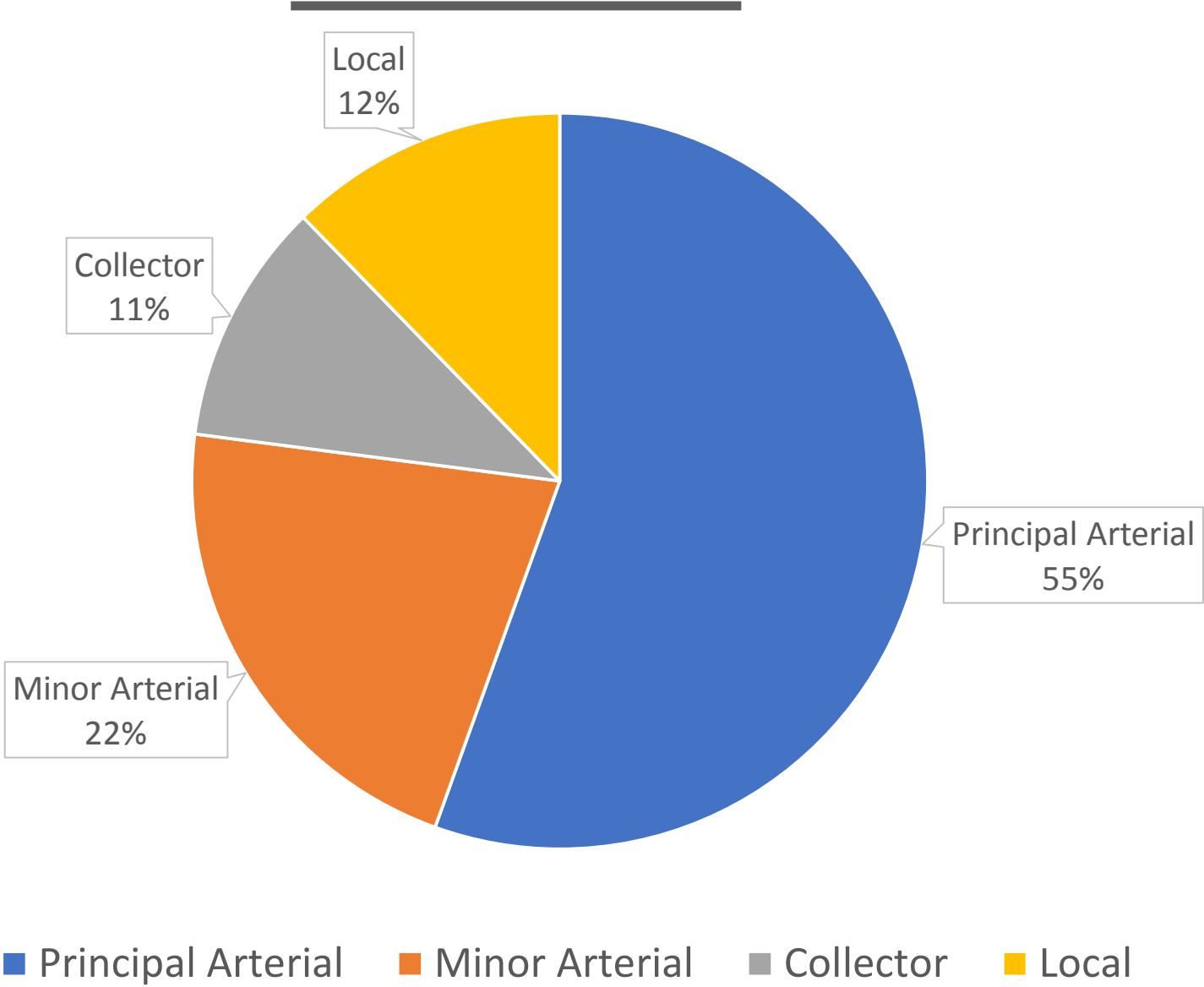
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- 6,283 pedestrian fatalities in 2018
- An increase of 208 fatalities (3.4% increase from 2017)
- Highest since 1990
- 48% involved alcohol (driver and/or pedestrian)
- *Early Projections for 2019 pedestrian fatalities show an estimated 2 percent drop*

# Pedestrian Fatalities in Relation to Intersections, 2018

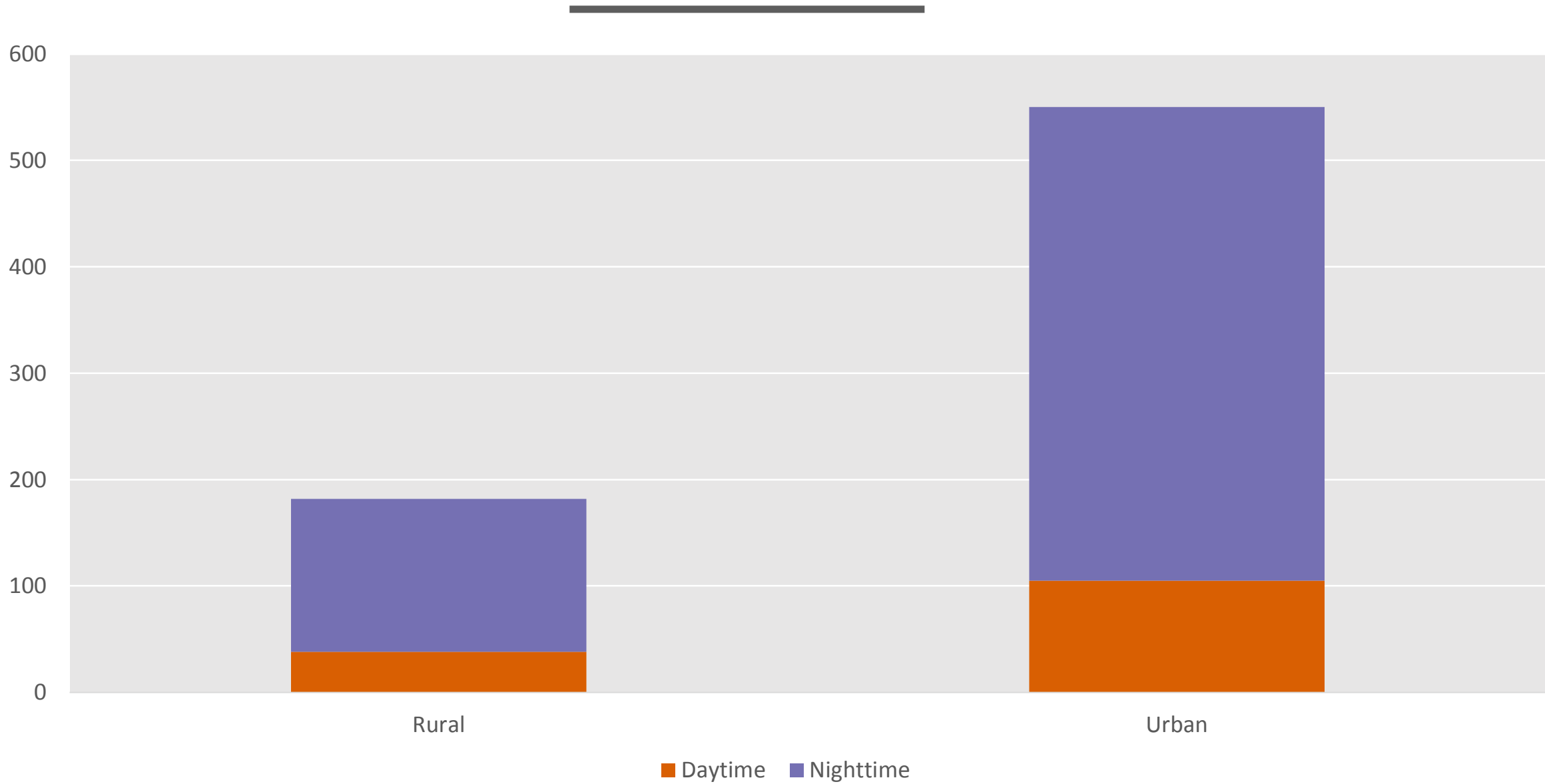


# Pedestrian Fatalities by Roadway Function Class, 2018



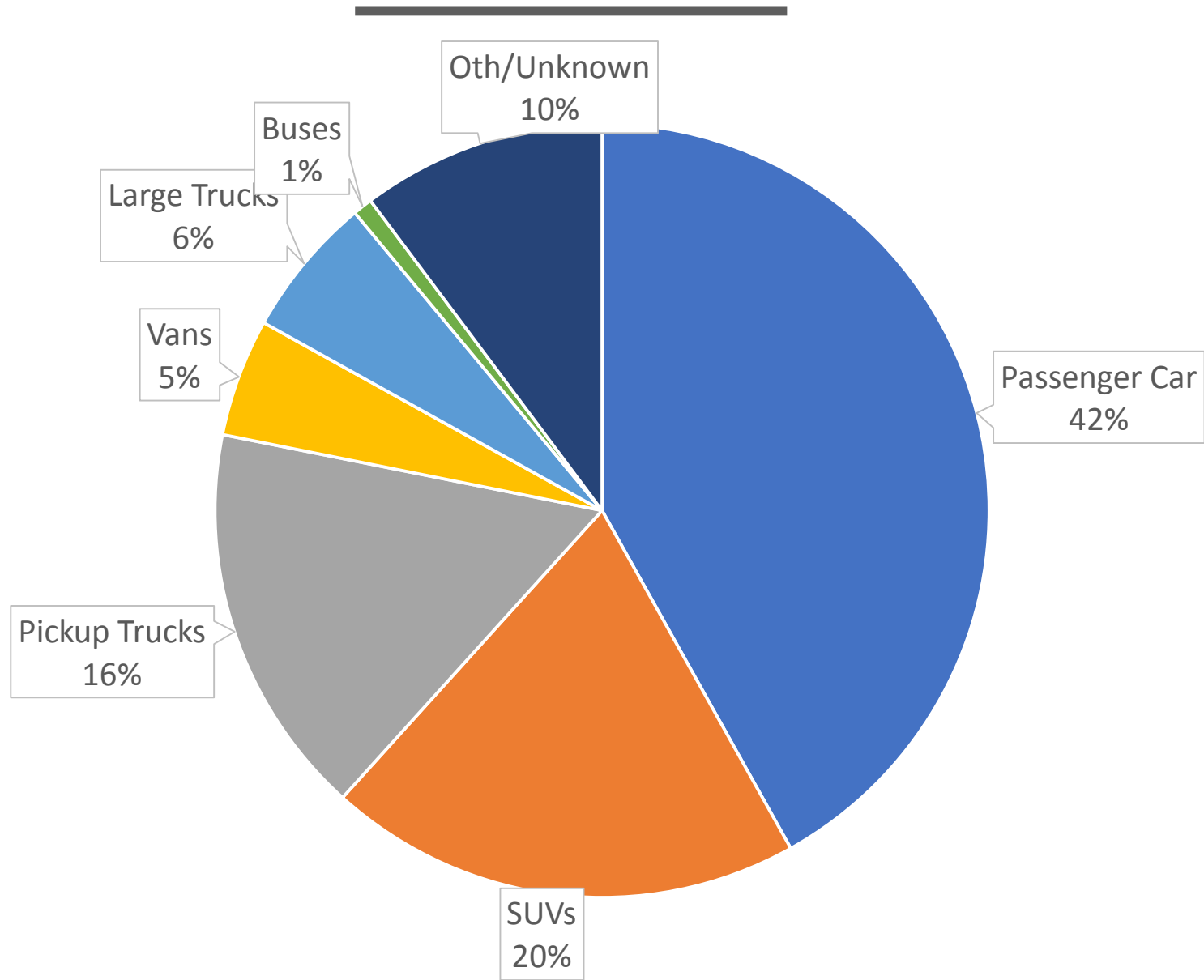
Sources: FARS 2009 & 2014 Final File, FARS 2018 Annual Report File

# Interstate Pedestrian Fatalities by Land Classification and Time of Day, 2018\*



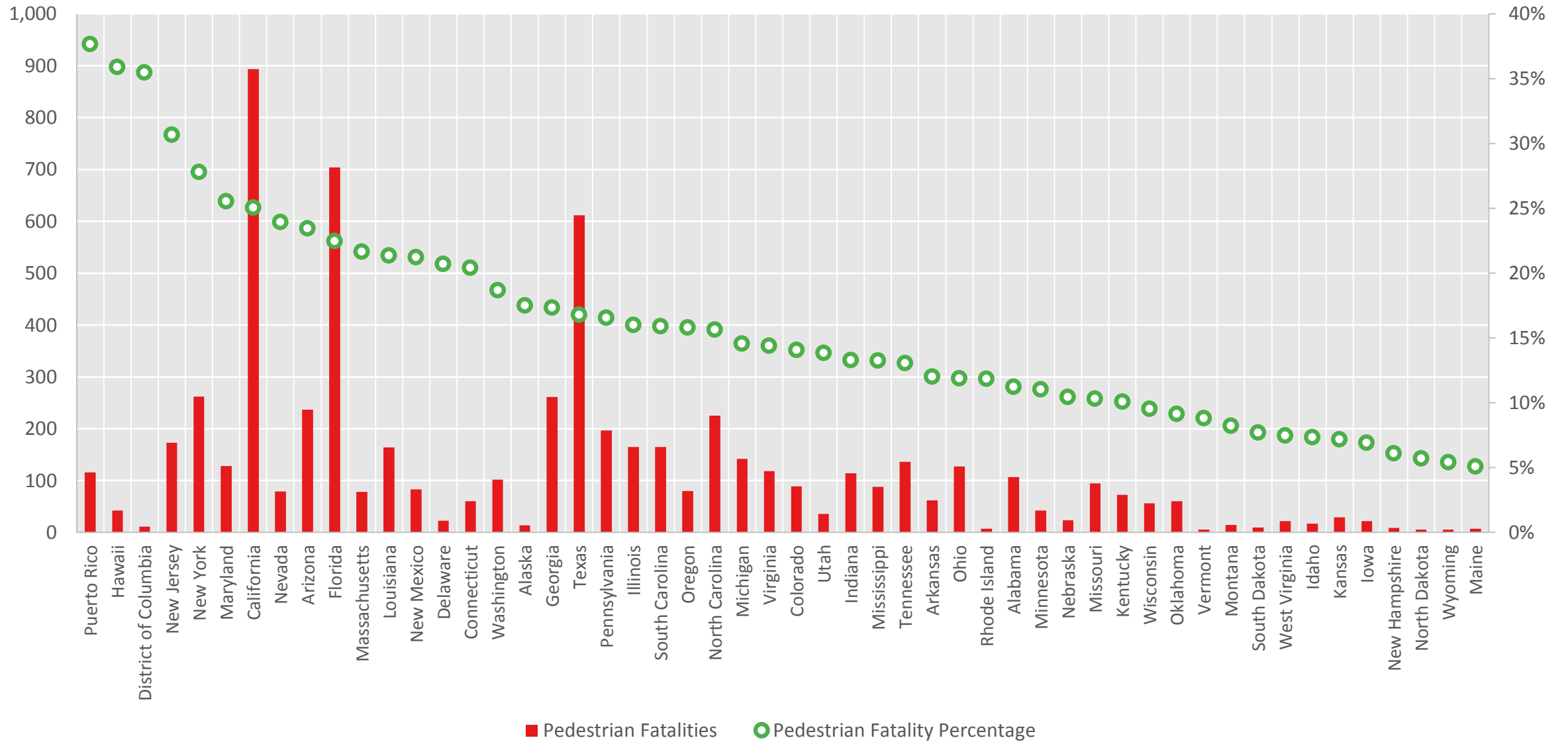
\*Unknowns excluded

# Pedestrian Fatalities in Single Vehicle Crashes where First Harmful Event was Vehicle Collision, 2018

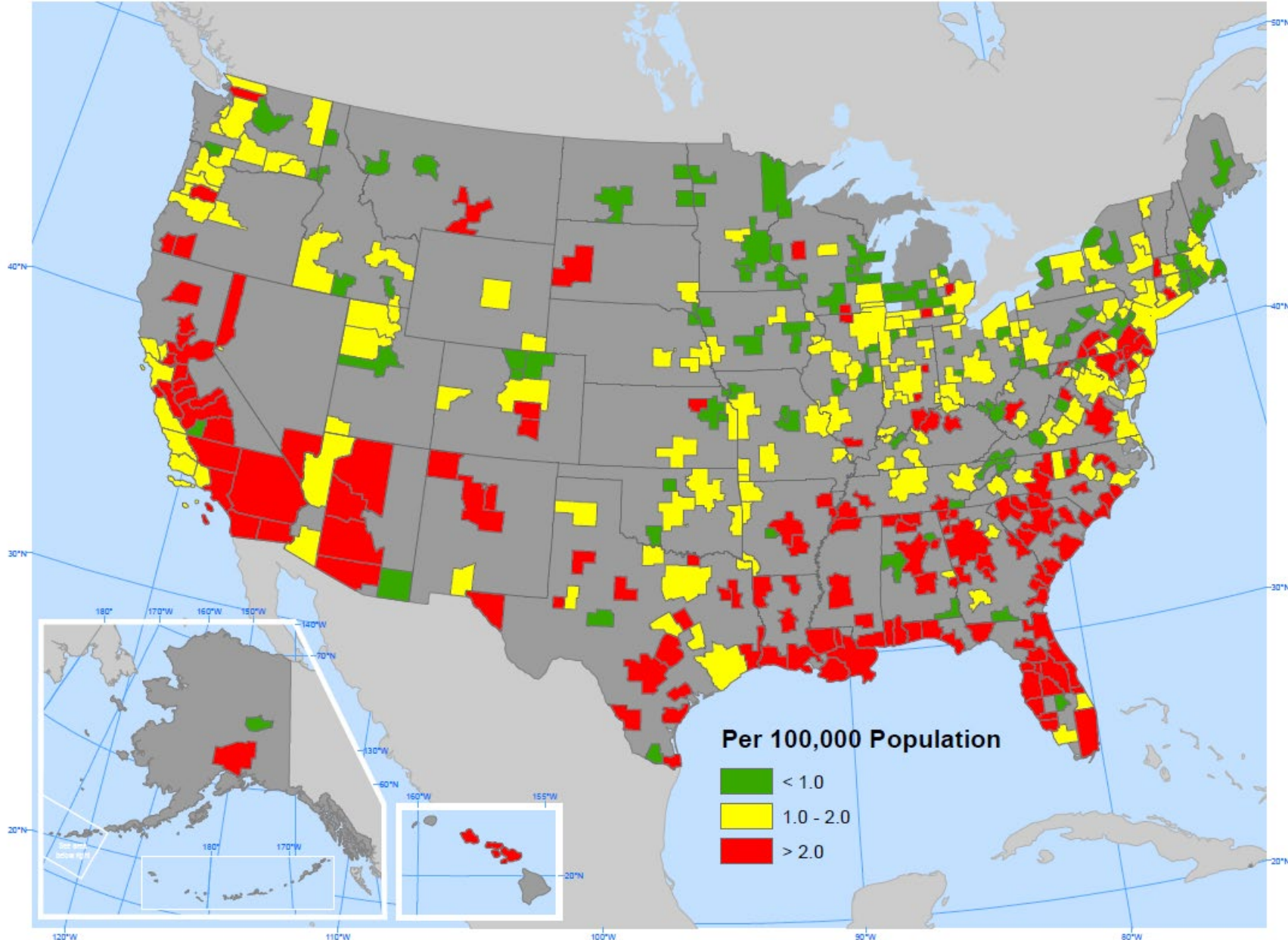


Sources: FARS 2009 & 2014 Final File, FARS 2018 Annual Report File

# Pedestrian Fatalities and Makeup by State, 2018



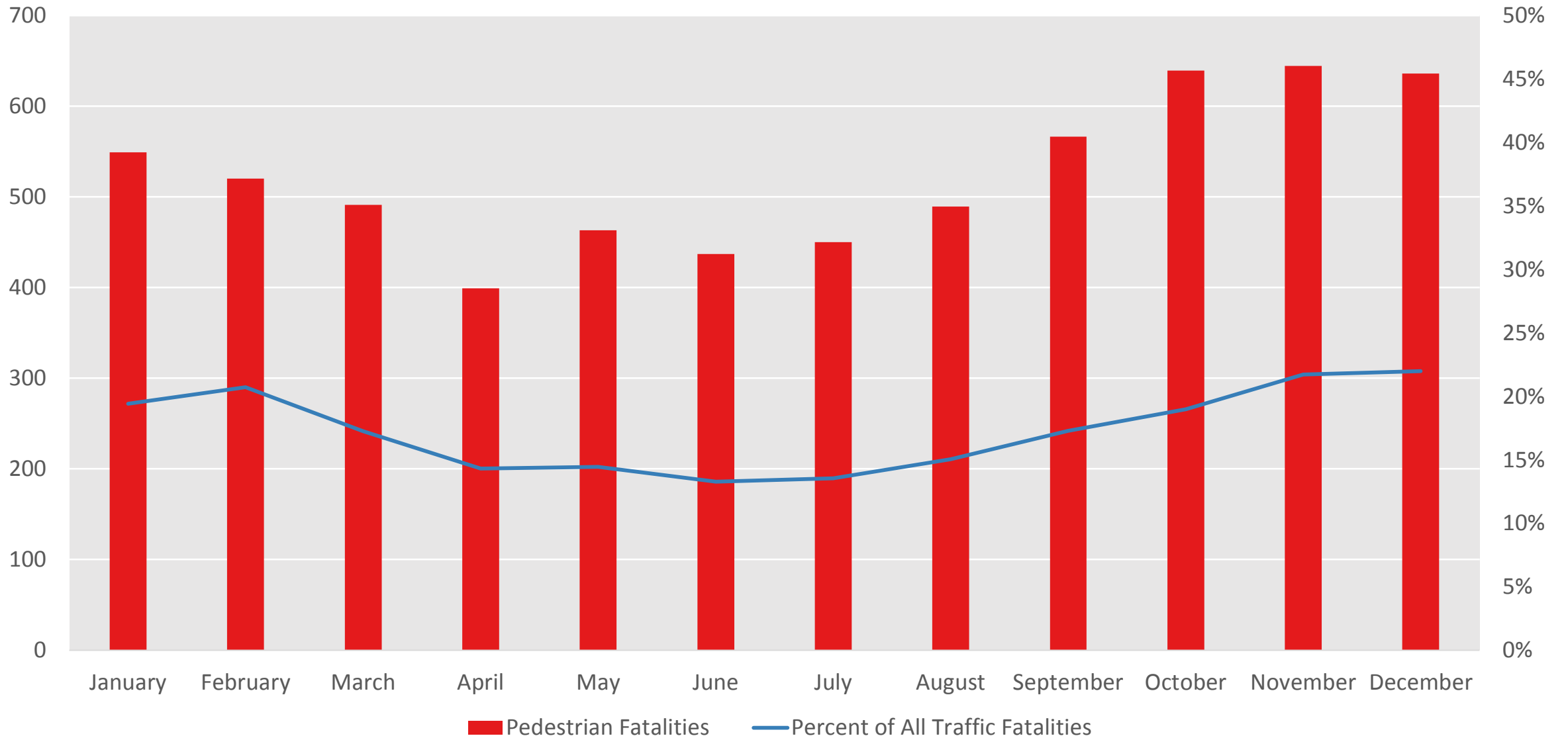
# Metropolitan Statistical Area Pedestrian Fatality Rate, 2018



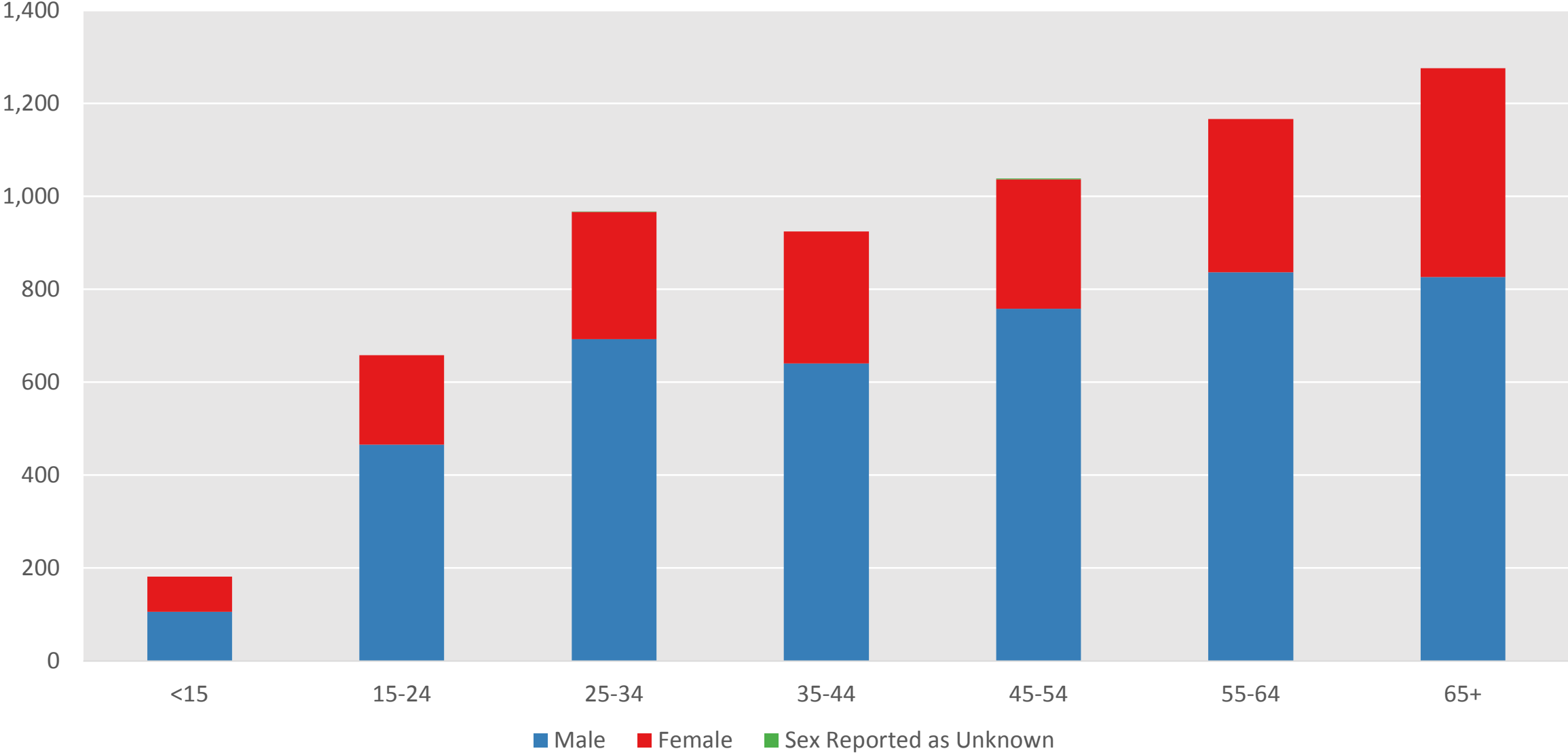
Sources: FARS 2018 Annual Report File; 2018 Census TIGER/Line Shapefiles: Metropolitan Statistical Areas; 2018 Census Annual Estimates of Population



# Pedestrian Fatalities by Month, 2018



# Pedestrian Fatalities by Age and Sex, 2018



Source: FARS 2018 Annual Report File

## County Comparison, 2017-2018

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### Counties with 15+ increase in pedestrian fatalities:

- Miami-Dade County, FL (48)
- Maricopa County, AZ (22)
- El Paso County, TX (20)
- San Diego County, CA (19)
- Hartford County, CT (16)
- Honolulu County, HI (16)
- Solano County, CA (16)

# City Comparison, 2017-2018

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Of the cities with population of more than 96,000 (largest number increase from 2017 to 2018):

## Total Traffic Fatalities:

- Miami, FL (22)
- El Paso, TX (20)
- Memphis, TN (20)
- San Diego, CA (19)
- Tucson, AZ (17)
- St. Petersburg, FL (17)
- Modesto, CA (15)
- Knoxville, TN (15)

## Pedestrian Fatalities:

- New York City, NY (17)
- El Paso, TX (16)
- Phoenix, AZ (16)
- Miami, FL (15)
- San Diego, CA (13)
- Hialeah, FL (10)

## Pedalcyclist Fatalities:

- Albuquerque, NM (5)
- Dallas, TX (5)
- Denver, CO (5)
- Jacksonville, FL (5)
- Sacramento, CA (5)

## Motorcyclist Fatalities:

- Memphis, TN (12)
- St. Petersburg, FL (9)
- Atlanta, GA (8)
- Virginia Beach, VA (7)
- New York City, NY (6)
- Columbus, OH (5)
- Orlando, FL (5)
- Richmond, VA (5)

# Want more information?



## Please see these NHTSA resources:

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[Fatality and Injury Reporting System \(FIRST\)](#)

[CrashStats: Pedestrians](#)

[Traffic Safety Facts Annual Reports](#)