



CALIFORNIA SAFE ROADS

2020 - 2024 Strategic Highway Safety Plan

CA Local Road Safety Plans
Peer Exchange
October 22-23, 2019



SHSP OVERVIEW

- Strategic guide for safety activities for all roadway users
- Addresses safety on public roads
- Multi-agency coordinated approach
- Strategic, data-driven process
- Federal requirement
- Current SHSP covers 2015 to 2019



2015-2019

SHSP LOCAL AND REGIONAL BENEFITS



CALIFORNIA SAFE ROADS
2020 - 2024 Strategic Highway Safety Plan

Improve safety

Save lives

Reduce serious injuries

Improve livability

Support active transportation goals

Improve public health

Share local knowledge

Exchange best practices

Access local information and data

SHSP VISION, MISSION & OBJECTIVE



Vision

Safe Public Roads Across California

Mission

Ensure safety for all modes of travel on
California's public roads

Objective

Zero Fatalities & Serious Injuries

SHSP DEVELOPMENT PROCESS



GUIDING PRINCIPLES



Inclusive



Data driven approach focused on most critical needs



Sharing knowledge and best practices for effective safety strategies



Double down on what works



Support partnerships and innovation



Communicate and engage implementers regularly

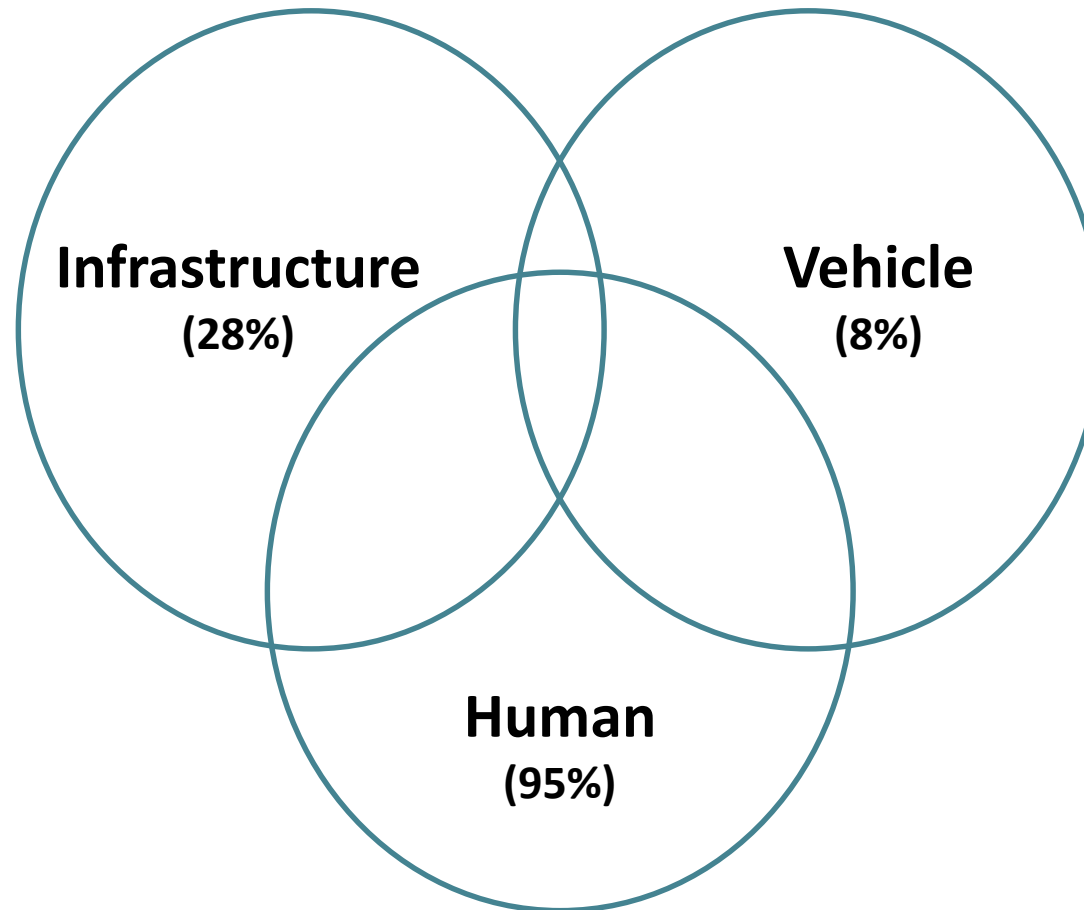
SHSP OUTREACH



- Six outreach events were held across the State
- Multiple federal, State, regional, local, tribal and advocacy members participated in these outreach events
- Conducted a statewide webinar event
- Shared statewide and region specific data at these events



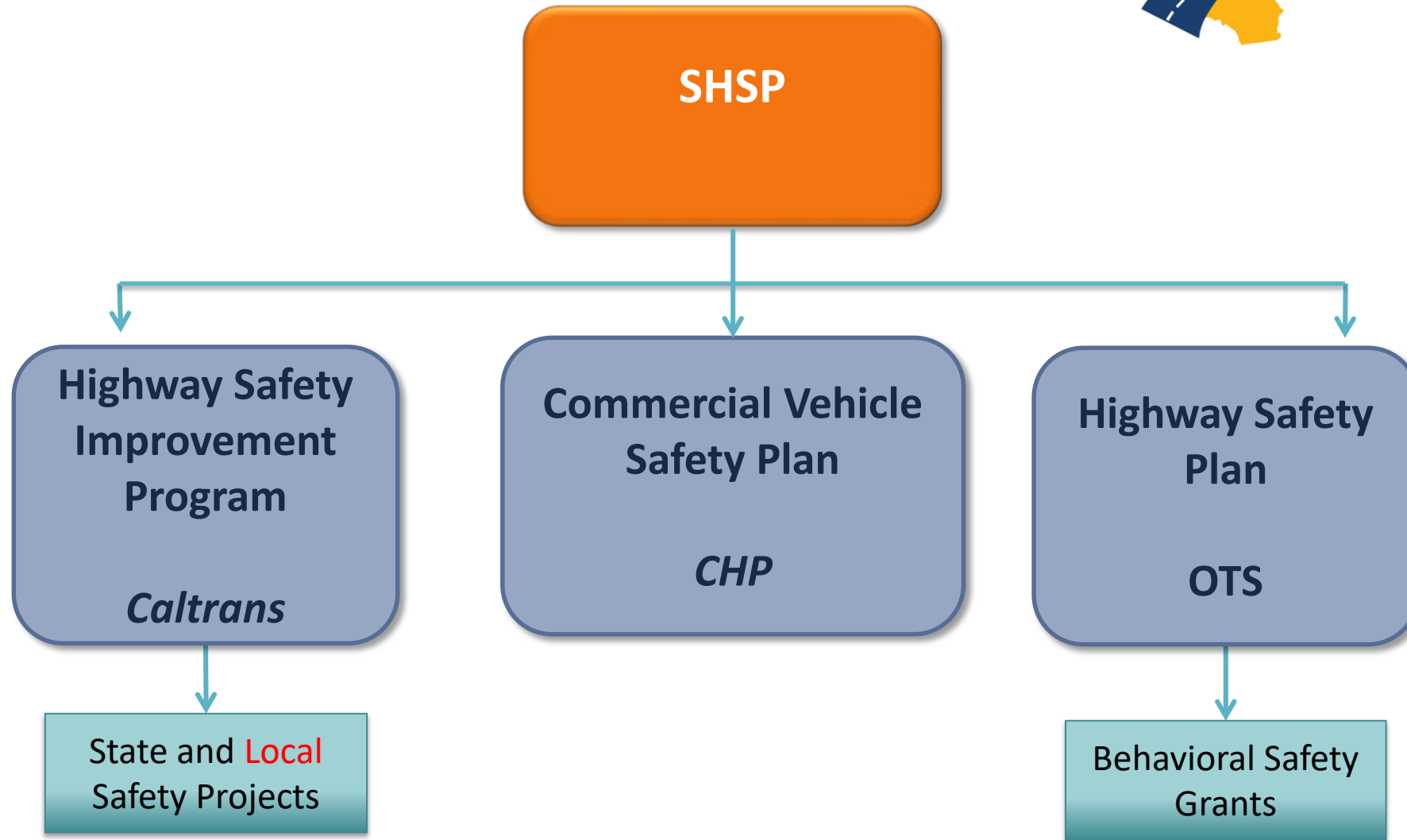
COLLISION FACTORS



5 Es OF TRAFFIC SAFETY



SHSP CONNECTIONS



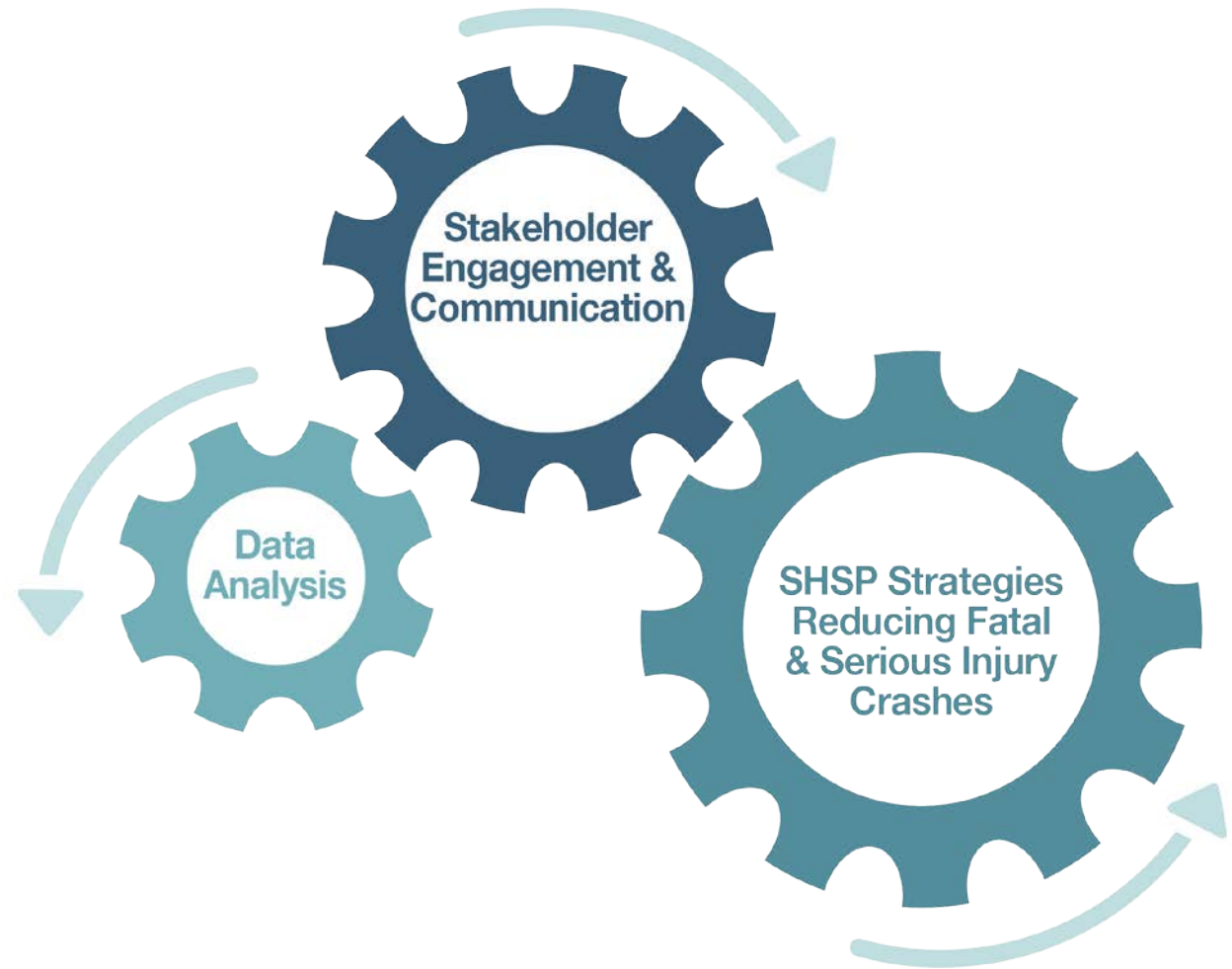
HIGHWAY SAFETY IMPROVEMENT PROGRAM (HSIP)



- FAST Act
 - Continues the HSIP as a core Federal Aid program to significantly reduce fatalities and serious injuries on all public roads.
 - State HSIP Program
 - Safety improvement projects on the State Highway System
 - Local HSIP Program
 - Safety Improvement Projects (Benefit/Cost selected safety projects)
 - (New) Systemic Safety Analysis Report Program (SSARP)

DATA-DRIVEN IMPLEMENTATION

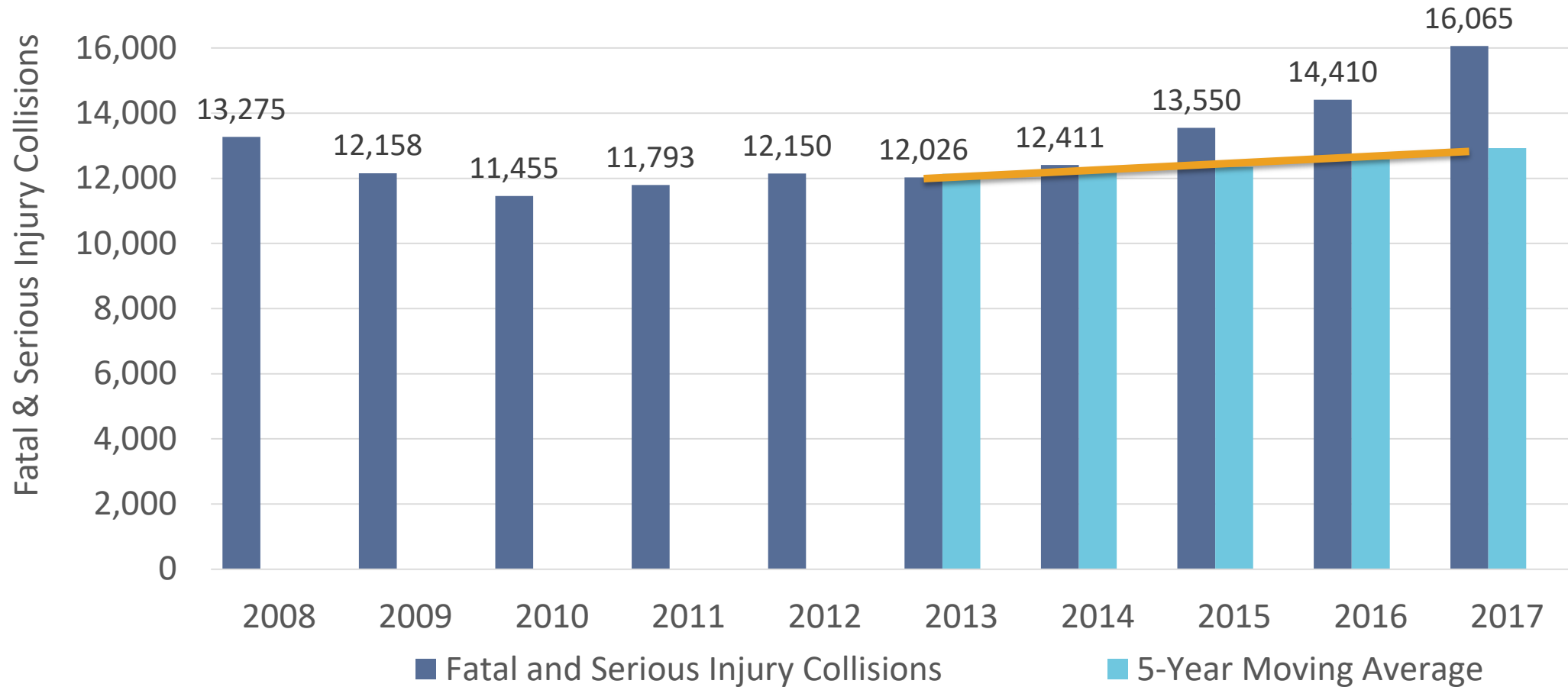
- 10 years of fatal and serious injury collisions - 2008 to 2017
- Data analysis drives implementation
- Annual review of data during implementation



STATEWIDE COLLISION DATA



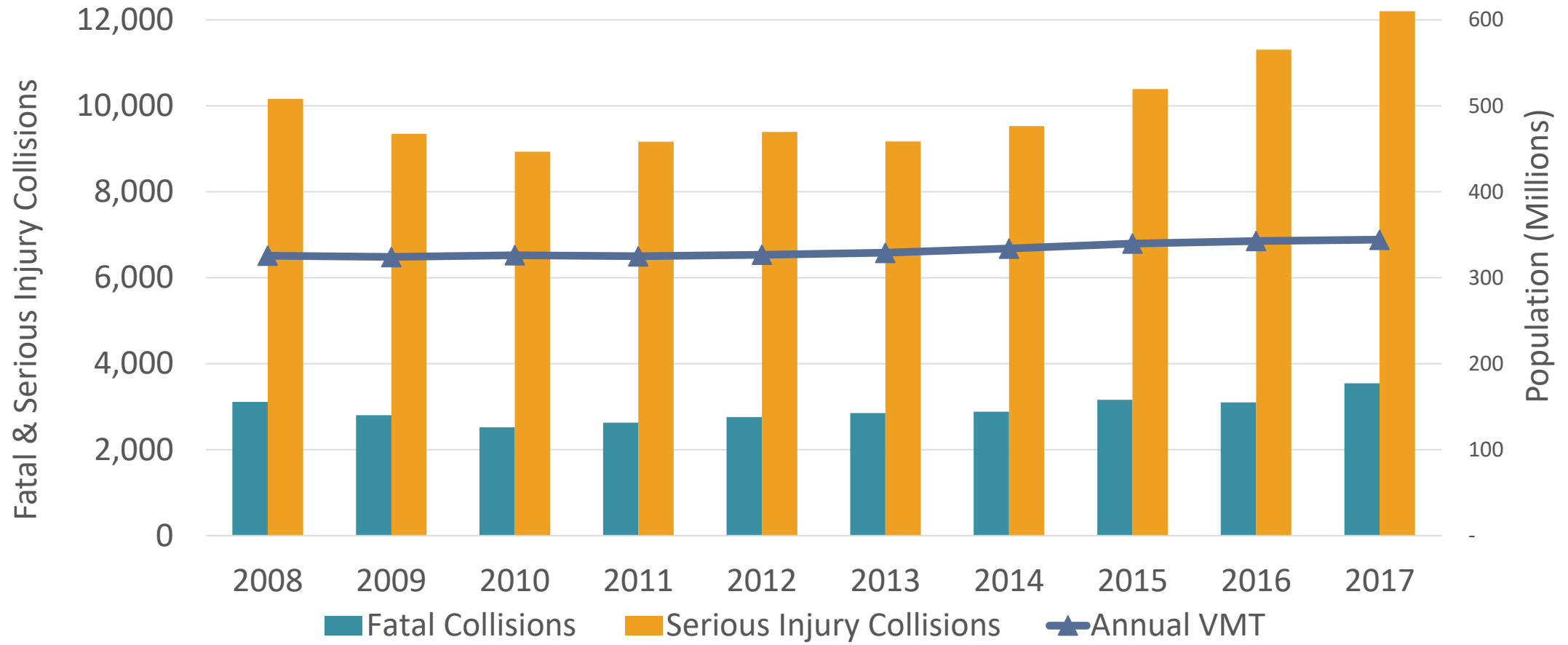
Total Fatal and Serious Injury Collisions by Year



STATEWIDE COLLISION DATA



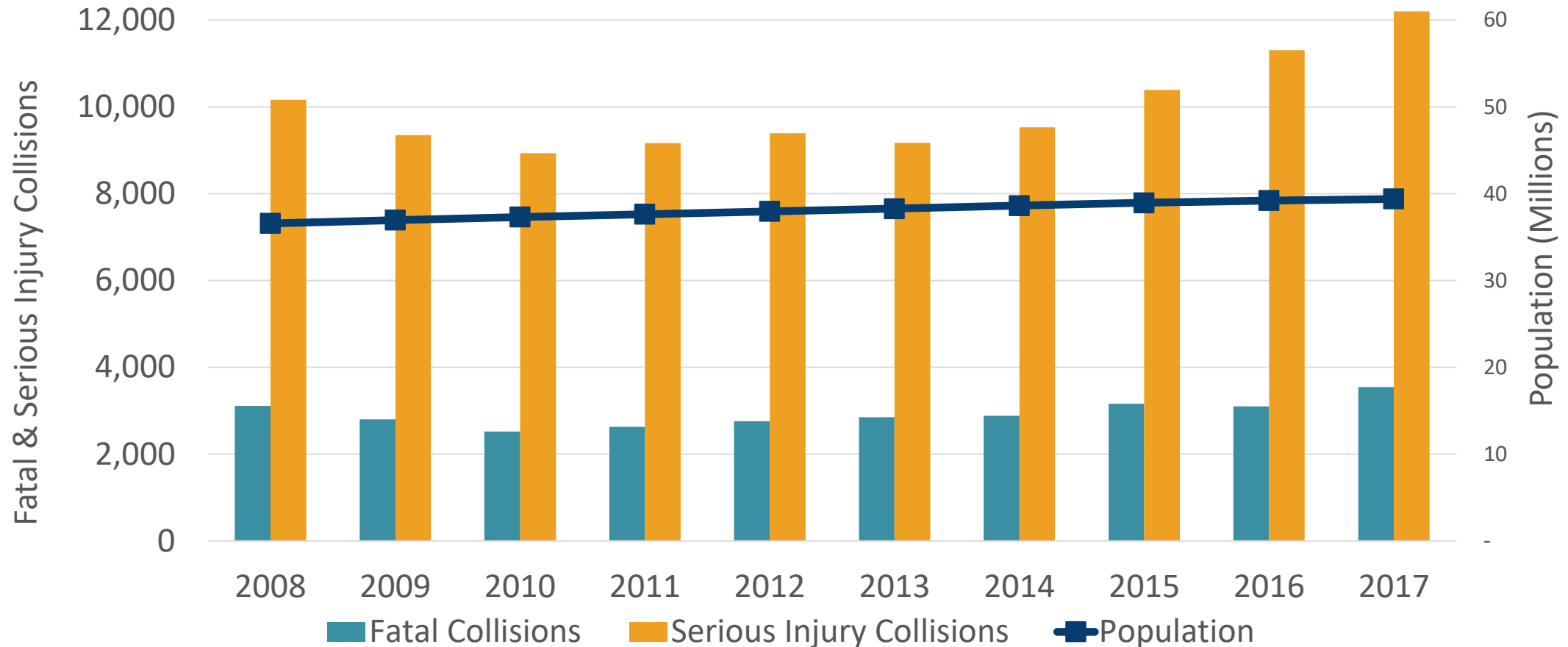
Fatal and Serious Injury Collisions vs. VMT



STATEWIDE COLLISION DATA



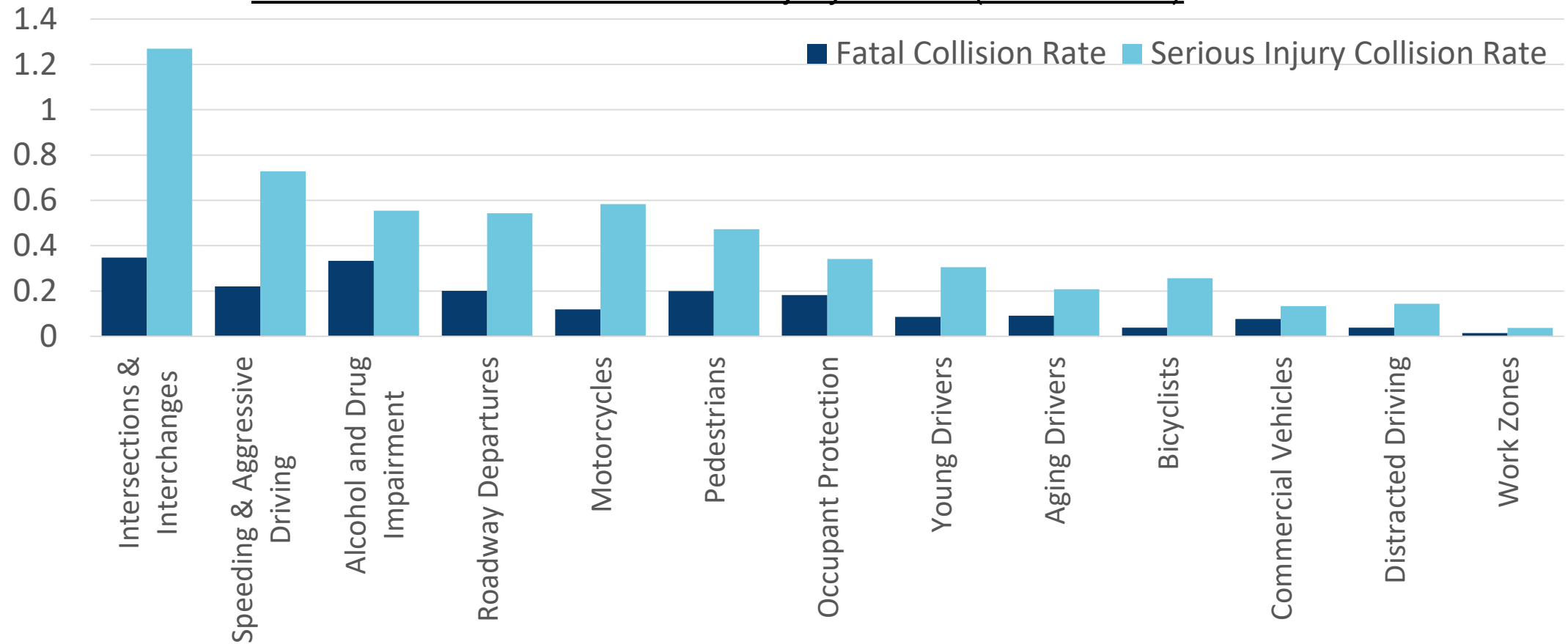
Fatal and Serious Injury Collisions vs. Population



STATEWIDE COLLISION DATA



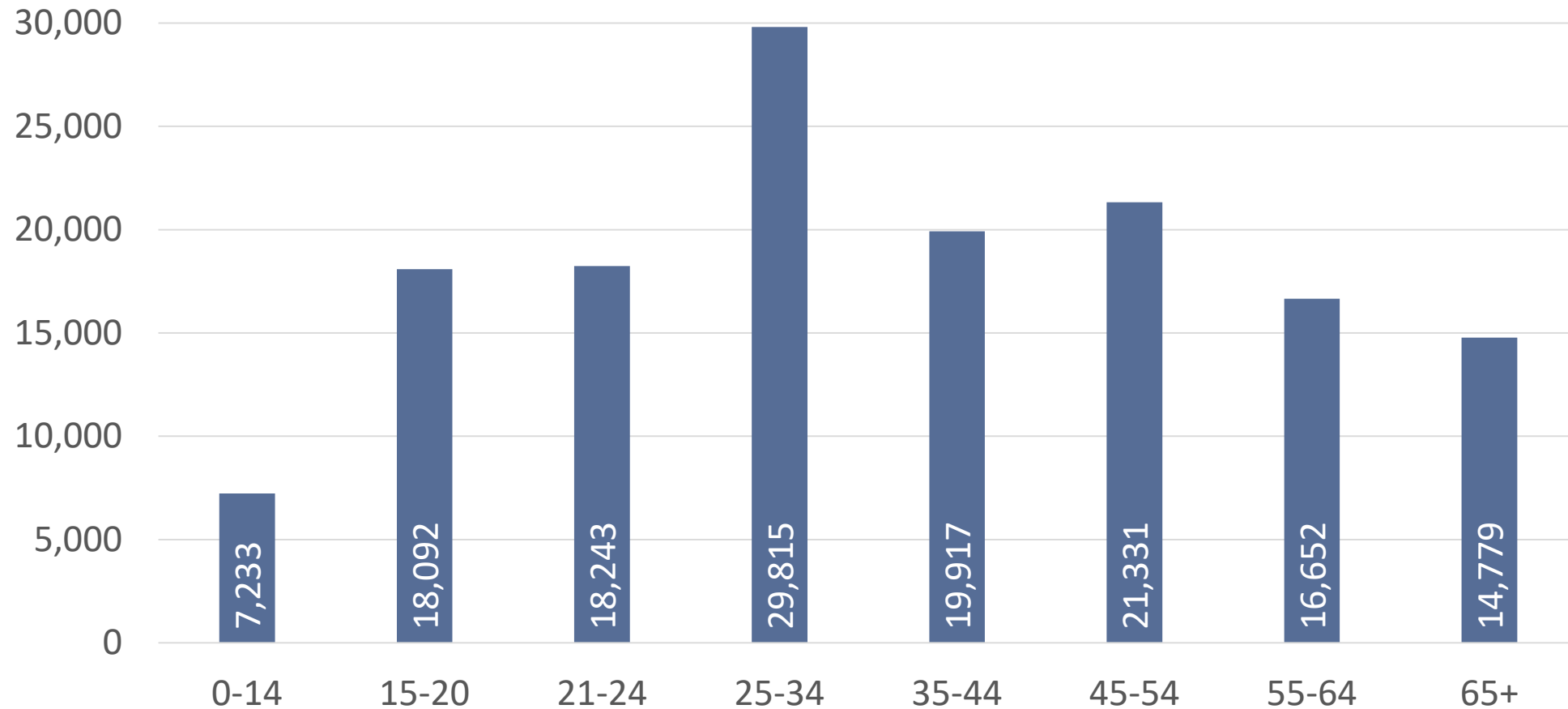
Statewide Fatal and Serious Injury Rates (2008-2017)



STATEWIDE COLLISION DATA



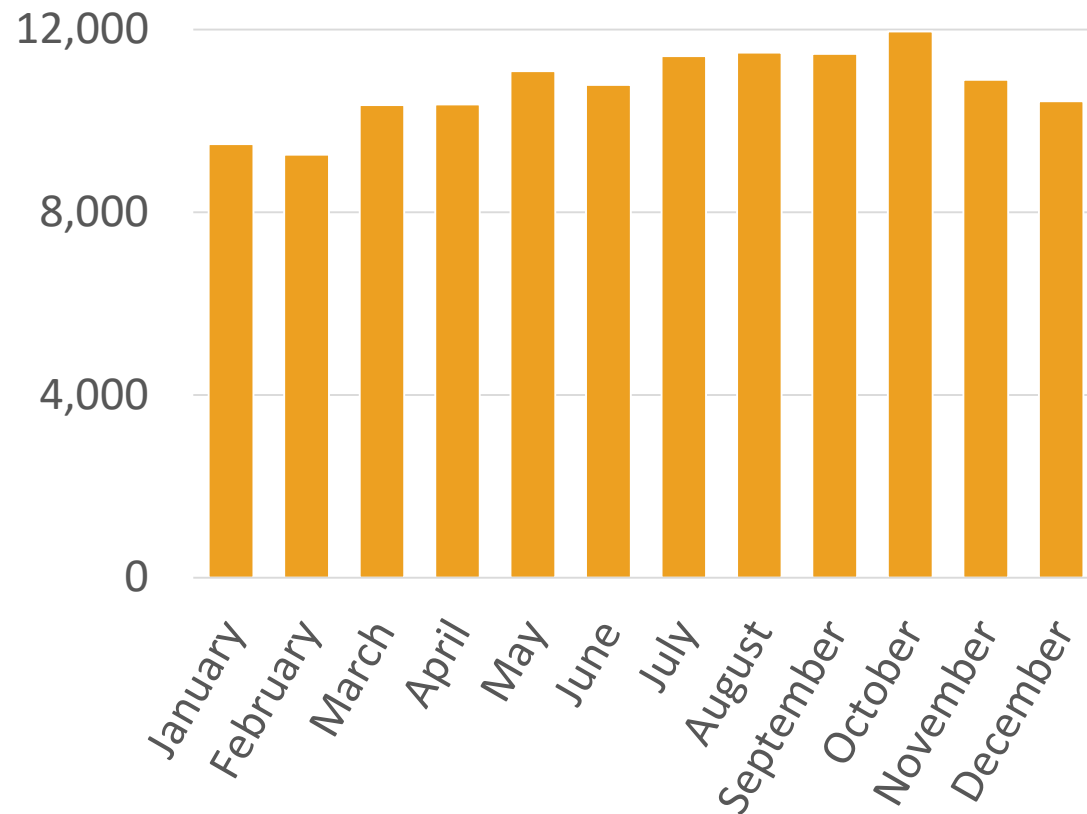
Fatal & Serious Injury Victims by Age



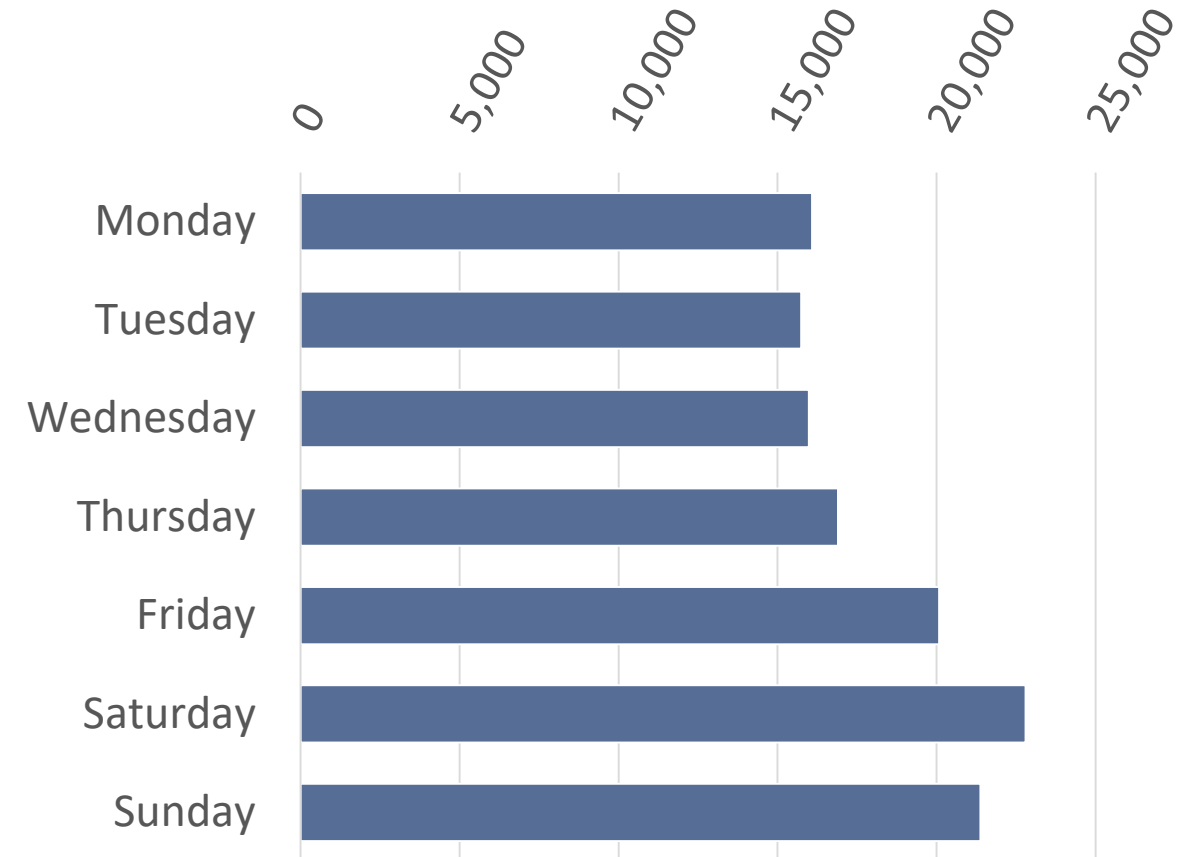
STATEWIDE COLLISION DATA



F+SI Collisions by Month of Year



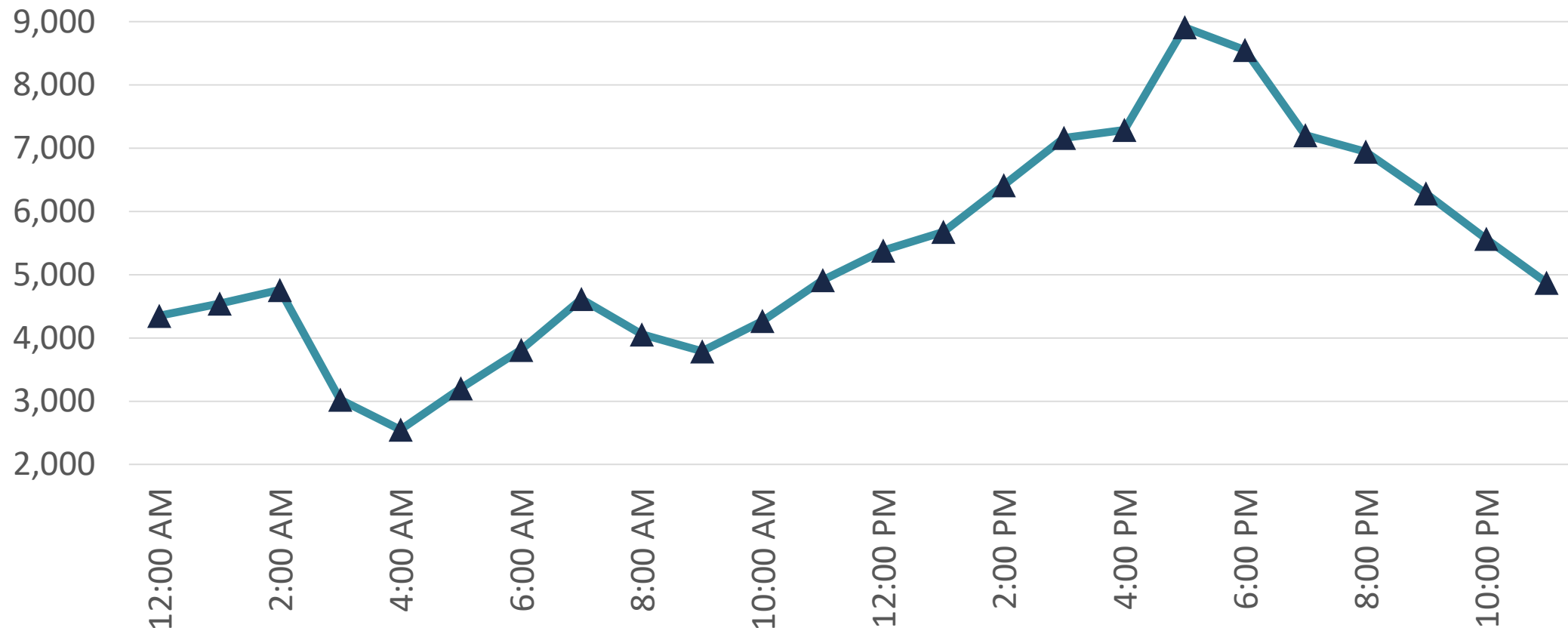
F+SI Collisions by Day of Week



STATEWIDE COLLISION DATA



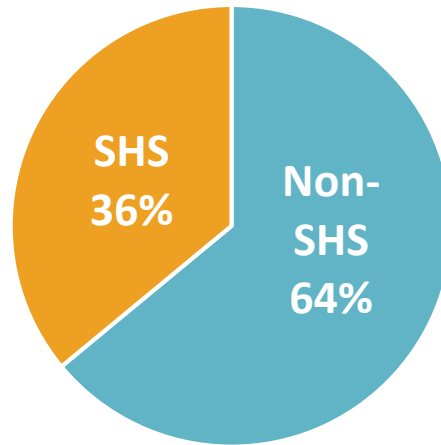
Fatal and Serious Injury Collisions by Time of Day



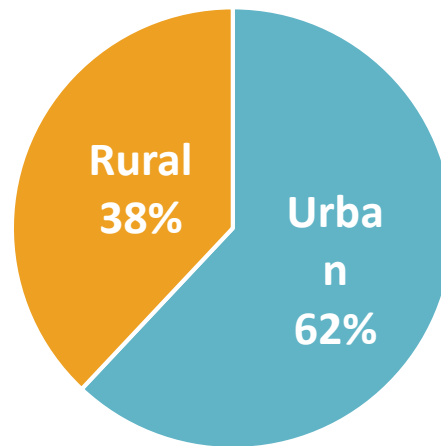
STATEWIDE COLLISION DATA



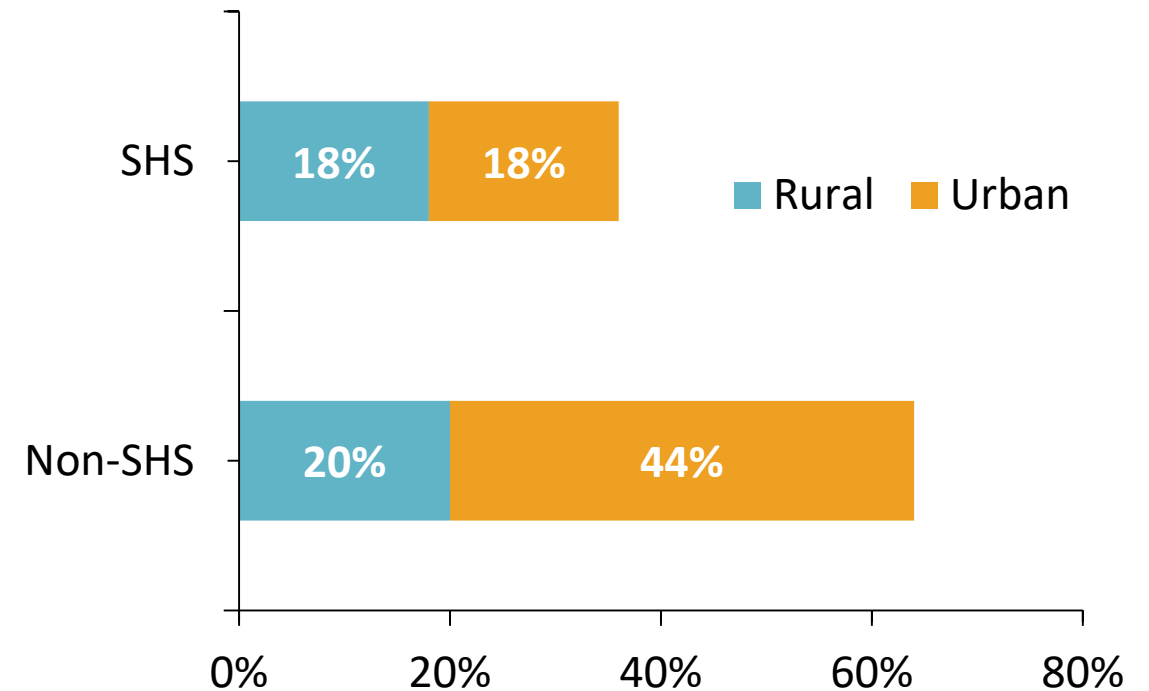
State Highway System (SHS) vs. Non-SHS



Rural vs. Urban



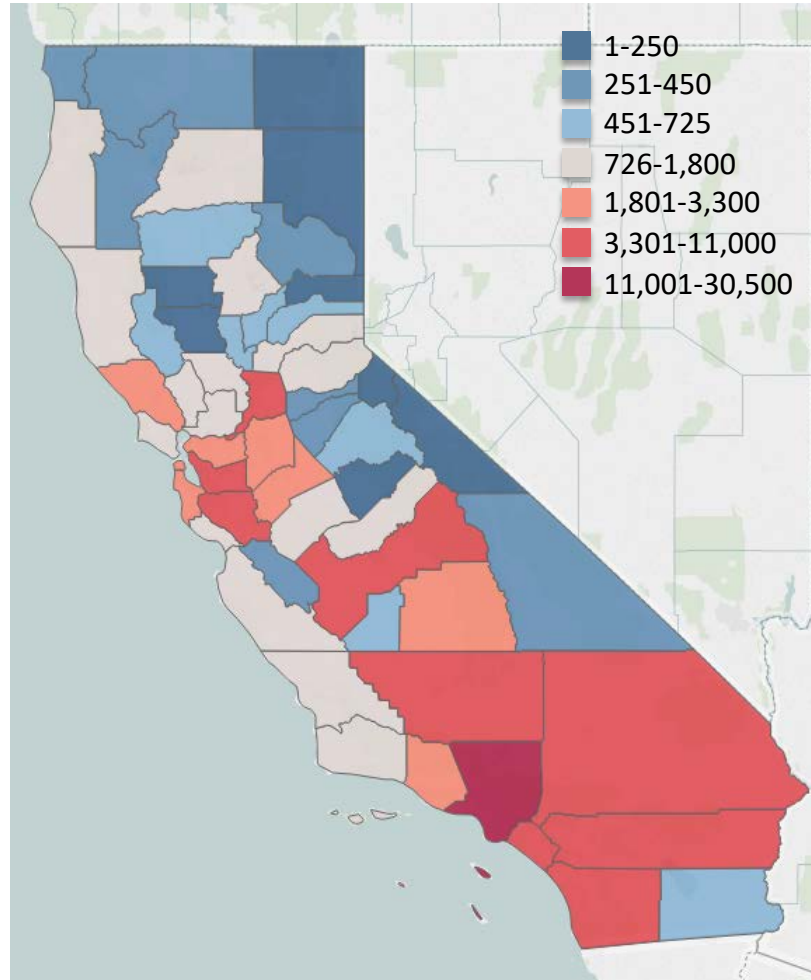
Percent of Victims by Location



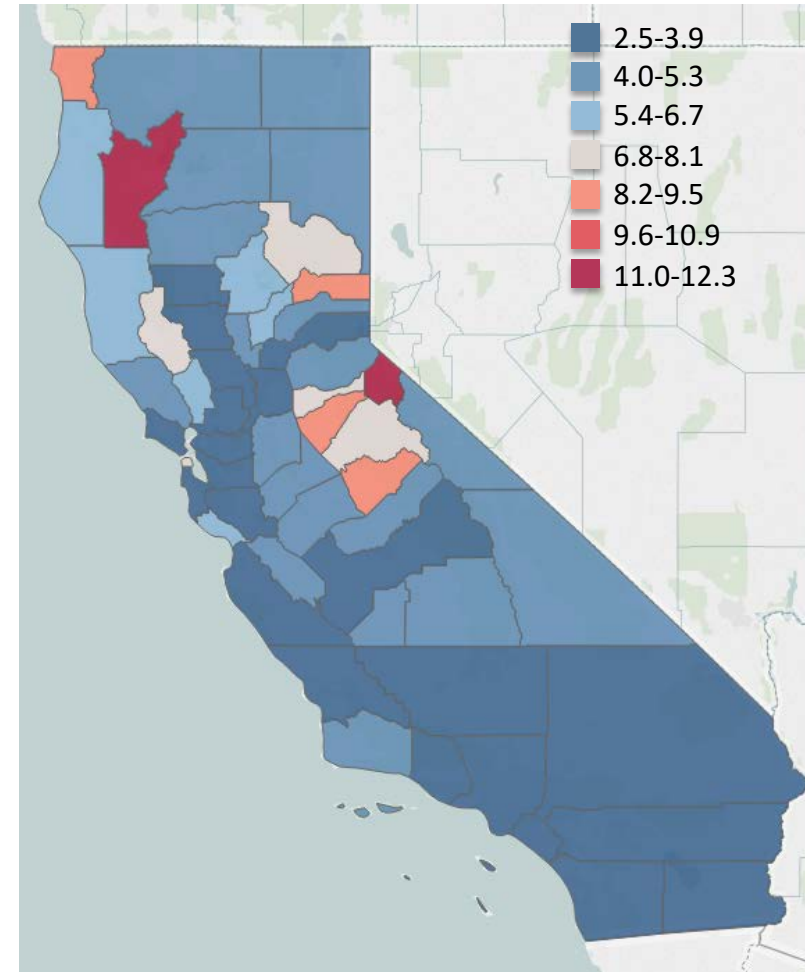
STATEWIDE COLLISION DATA



F+SI Collisions by County



F+SI Collision Rate per 100M VMT by County



2020 – 2024 SHSP Challenge Areas



- 1. Driver Licensing**
- 2. Aggressive Driving**
- 3. Impaired Driving**
- 4. Distracted driving**
- 5. Occupant Protection**
- 6. Young drivers (<21)**
- 7. Aging drivers (65+)**
- 8. Commercial vehicles**

- 9. Intersections**
- 10. Lane Departure**
- 11. Work Zones**
- 12. Pedestrians**
- 13. Bicycles**
- 14. Motorcycles**
- 15. Emerging Technologies**
- 16. Emergency Response**

Strategies for Action Development



The strategies of the 2020 – 2024 SHSP are the 5 E's of traffic safety:

1. Education
2. Enforcement
3. Engineering
4. Emergency Response
5. Emerging Technologies

Strategic Action Development



- Developed by Challenge Area Teams - reviewed and approved by Steering Committee
- Action Guidance
 - Be SMART
 - Specific – clear action statement
 - Measurable – identified performance measures
 - Achievable – committed resources by responsible organization
 - Relevant - data-driven identification of issue
 - Time Constrained – achievable within SHSP timeframe

TIMELINE & NEXT STEPS

