



Arrive Alive Virginia
Virginia Strategic Highway Safety Plan

Strategic Highway Safety Plan 2022-2026

Presentation to the Commonwealth Transportation Board

presented by

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SHSP Update

- // **Comprehensive, multi-stakeholder plan that sets goals, strategies and actions to reduce highway deaths and serious injuries:**
 - » Statewide, multimodal highway safety plan
 - » Coordinated framework that identifies Emphasis Area factors to focus resources
 - » Required to be updated every five years
 - » Federal and state partner's with regional, local and private stakeholder's input.



Arrive Alive Virginia

VIRGINIA 2022-2026 STRATEGIC HIGHWAY SAFETY PLAN



State and Federal Partners

Governor's
EXECUTIVE LEADERSHIP TEAM
on
HIGHWAY SAFETY



Federal Highway
Administration



F M C S A
Federal Motor Carrier Safety Administration

Update Process

// September

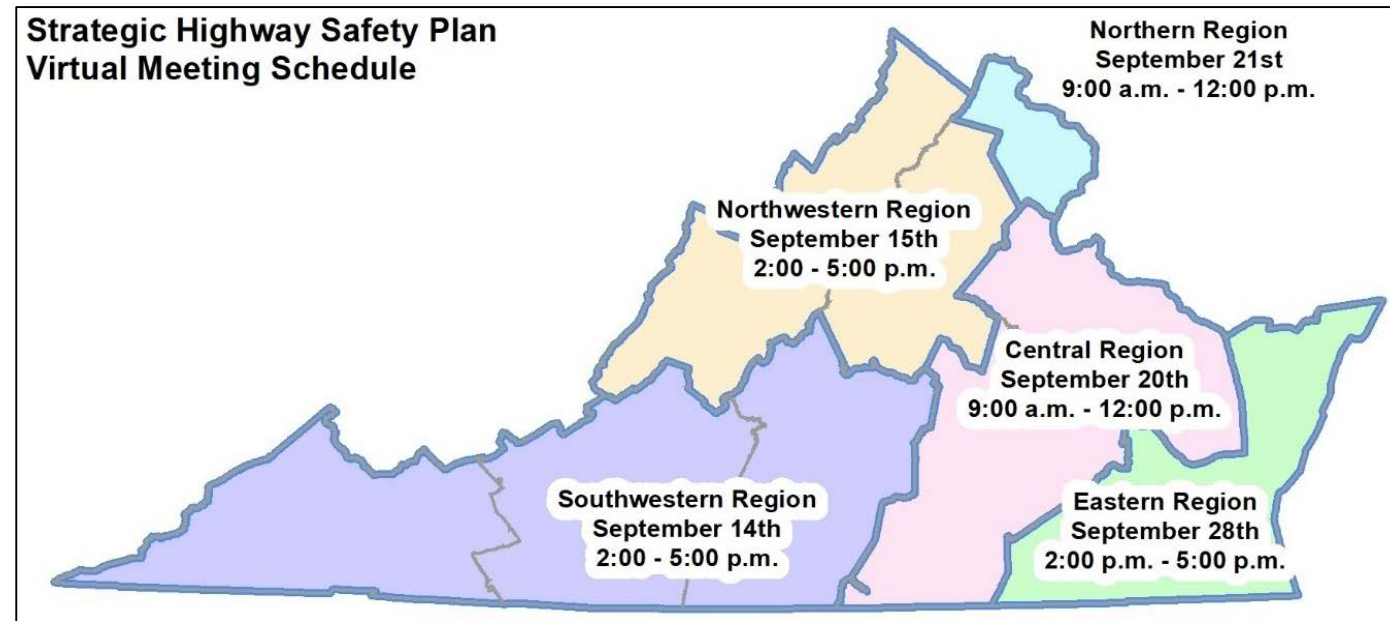
- » Regional meetings to gain input from stakeholders
- » Web survey to gain input from public through VDOT SHSP and TZD VA websites

// October-November

- » Complete data analysis and draft SHSP actions for Steering Committee review

// December - January

- » Drafted Plan Document
- » Partner agency final review, executive charter concurrence and signatures



Strategic Highway Safety Plan

Grants for
Behavioral Safety and Vehicle
Programs

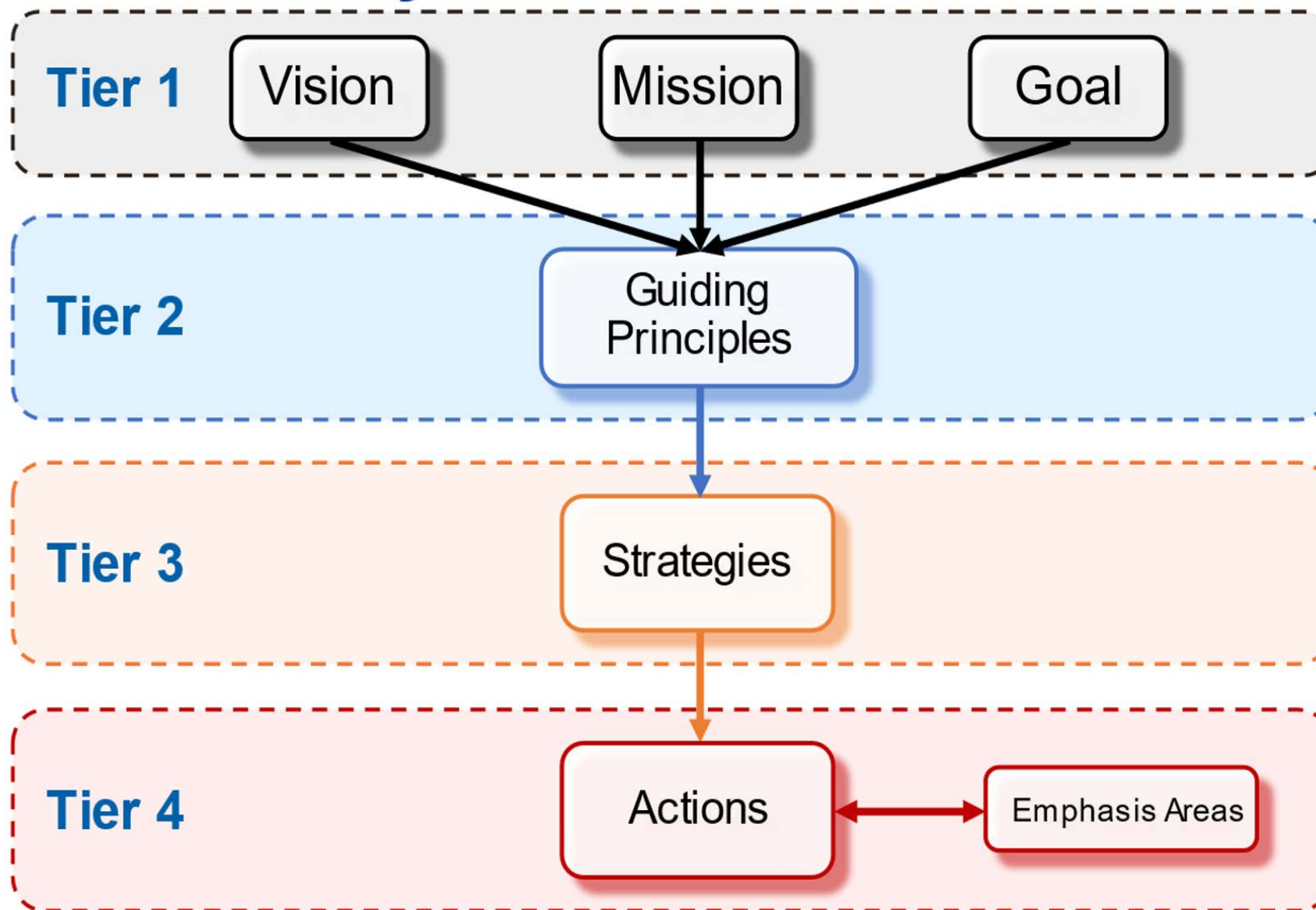
Funding for
Infrastructure
Projects

DMV
Highway Safety
Plan (HSP)

VSP
Commercial
Vehicle Safety
Plan (CVSP)

VDOT
Highway Safety
Improvement
Program (HSIP)

SHSP Structure and Hierarchy



Long Term Vision and Mission

// Vision:

- » **Virginia's vision is towards zero deaths and serious injuries from motor vehicle crashes so that all roadway users arrive safely at their destination.**

// Mission:

- » **To fulfill the Vision through Safe System**
 - Collaboration with four **E**s of roadway safety – **E**ducation, **E**nforcement, **E**ngineering, and **E**mergency response & medical services
 - to achieve safe travel for a fifth **E** – **E**veryone.

Long Term Goal and SHSP Objective

// 2045 Goal:

- » Virginia's goal is to reduce fatalities and serious injuries in 2020 by half by 2045 and make progress towards the vision of zero.

// 2026 Objective:

- » To meet the goal of the SHSP, the 2026 objectives are to reduce fatalities and serious injuries by ~2 percent each year.

Safe System: Guiding Principles

// Adopted from the Safe System approach

- » Death/serious injury is unacceptable
- » Humans make mistakes
- » Humans are vulnerable
- » Redundancy is crucial
- » Responsibility is shared
- » Safety is proactive

// Added for Virginia SHSP

- » Actions consider equity



Source: FHWA

Priority Strategies

- // Consider human mistakes and vulnerabilities in roadway improvements and operation**
- // Consider risk when prioritizing locations for safety improvements and programs**
- // Recognize roadway safety as a public health issue and establish policies and programs that promote safe behavior and reduce crash severity outcomes**
- // Develop and implement programs that provide education and awareness to high-risk road users**
- // Implement innovative solutions and utilize current and emerging technologies**

Emphasis Areas within Safe System

LEGEND

Safe System Element

Emphasis Area

New for 2022-2026 SHSP

Safe Road Users

Pedestrians and Bicyclists

Young Drivers

Aging Road Users

Occupant Protection

Impaired Driving

Motorcyclists

Safe Vehicles

Safe Speeds

Safe Roads

Post-Crash Care

Supporting

Heavy Vehicles

Connected and Automated Vehicles

Speeding

Roadway Departures

Intersections

Emergency Response & Medical Services

Data & Analytics

Emphasis Area Actions

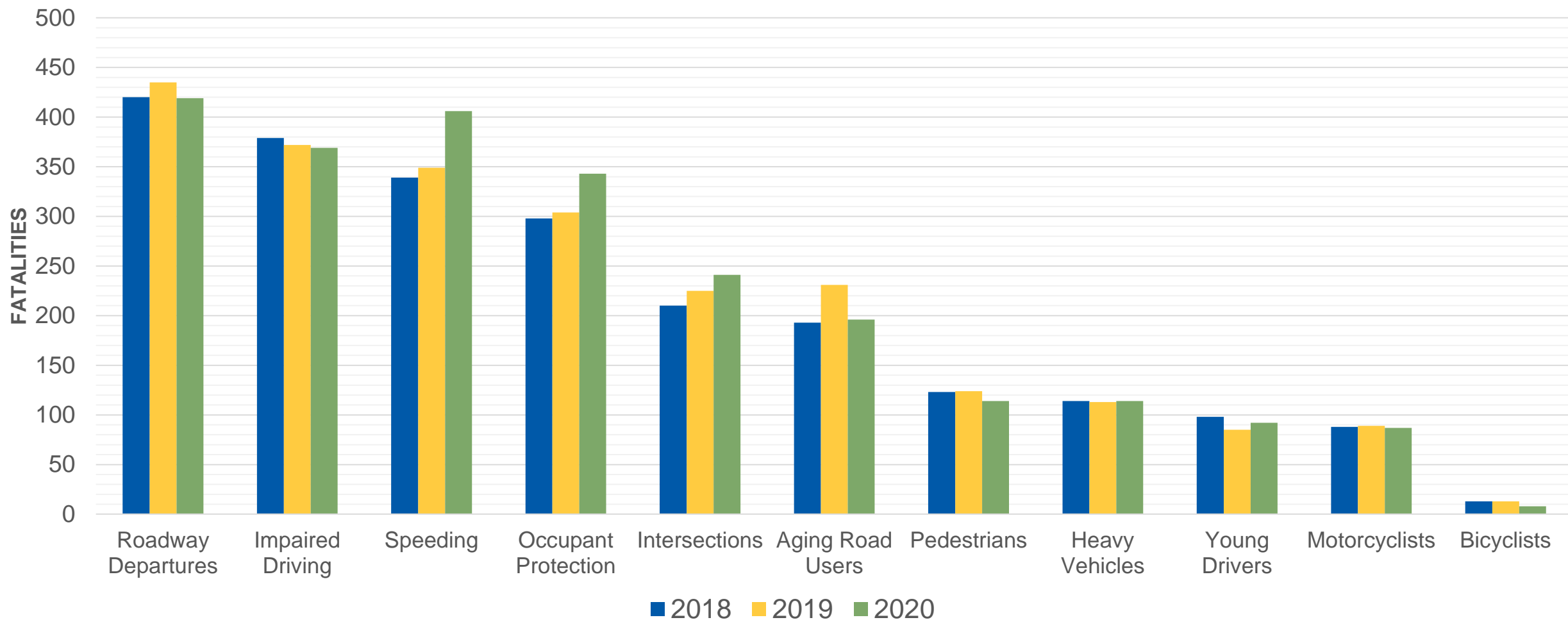
// 13 emphasis areas (EA):

- » Refined with state partners to priorities that are feasible in next 5 years
- » Defined as ongoing (annual), near term (1-2 years), or long term (3-5 years)
- » 131 initial actions for review

// Preliminary EA lists of actions were shared for stakeholder and public comments: <https://www.virginiadot.org/info/hwysafetyplan.asp>

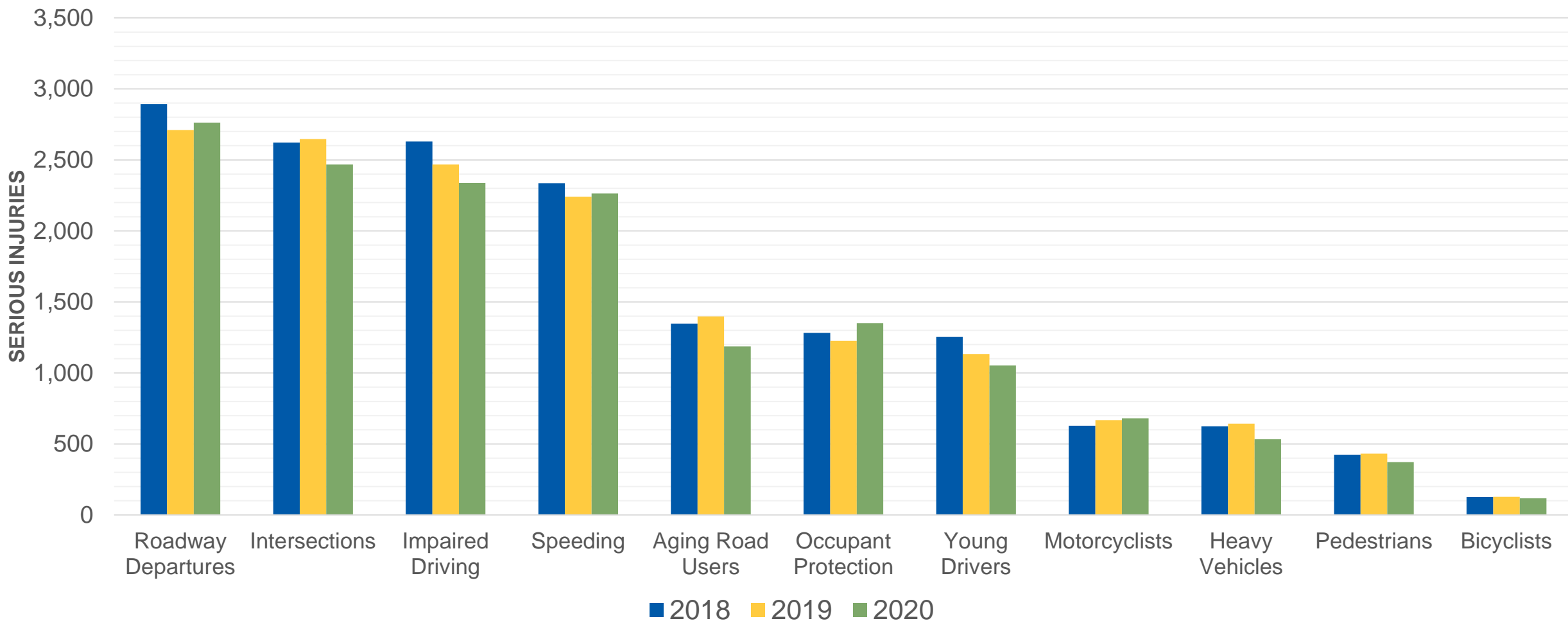
Statewide Emphasis Area Summary

2018-2020 Fatalities – Statewide



Statewide Emphasis Area Summary

2018-2020 Serious Injuries – Statewide



A 4E Approach That Benefits Everyone



ENGINEERING



EDUCATION



ENFORCEMENT



**EMERGENCY RESPONSE
& MEDICAL SERVICES**

EVERYONE

Questions?

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