



DELAWARE STRATEGIC HIGHWAY SAFETY PLAN: TOWARD ZERO DEATHS



**2020 DE SHSP Update
Virtual Public Workshop
Supplemental Information**

June 2020

Acronyms

- AASHTO – American Association of State Highway Transportation Officials
- DeIDOT – Delaware Department of Transportation
- DSP – Delaware State Police
- EA – Emphasis Area
- EMS – Emergency Medical Services
- FARS – Fatality Analysis Reporting System
- FHWA – Federal Highway Administration
- NHTSA – National Highway Traffic Safety Administration
- OHS – Delaware Office of Highway Safety
- SHSP – Strategic Highway Safety Plan



2015 SHSP and Current Data Trends



2015 SHSP Mission & Overall Goal Statements

MISSION

The *Delaware Strategic Highway Safety Plan: Toward Zero Deaths* aims to eliminate fatalities and serious injuries on Delaware's roadways through a multi-agency approach that utilizes education, enforcement, engineering and emergency medical service strategies.

OVERALL GOAL

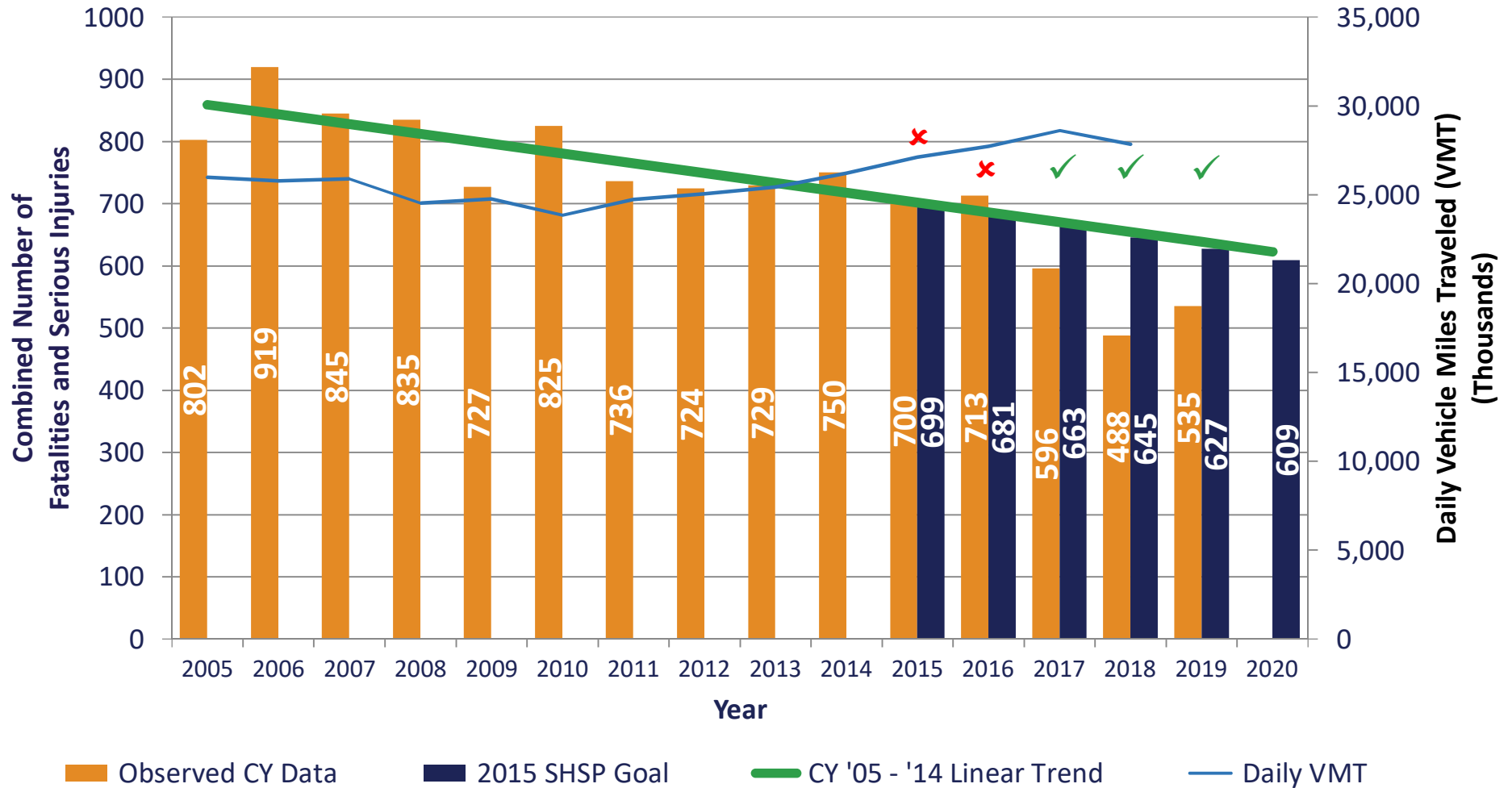
The goal of the *Delaware Strategic Highway Safety Plan: Toward Zero Deaths* is to achieve a reduction of at least 3 fatalities and 15 serious injuries annually and continue to reduce the total number of fatalities and serious injuries to achieve at least a 50 percent reduction by 2035.



2015 SHSP Overall Goal

(Combined Fatalities & Serious Injuries)

2015 Goal:
↓ 18 per year



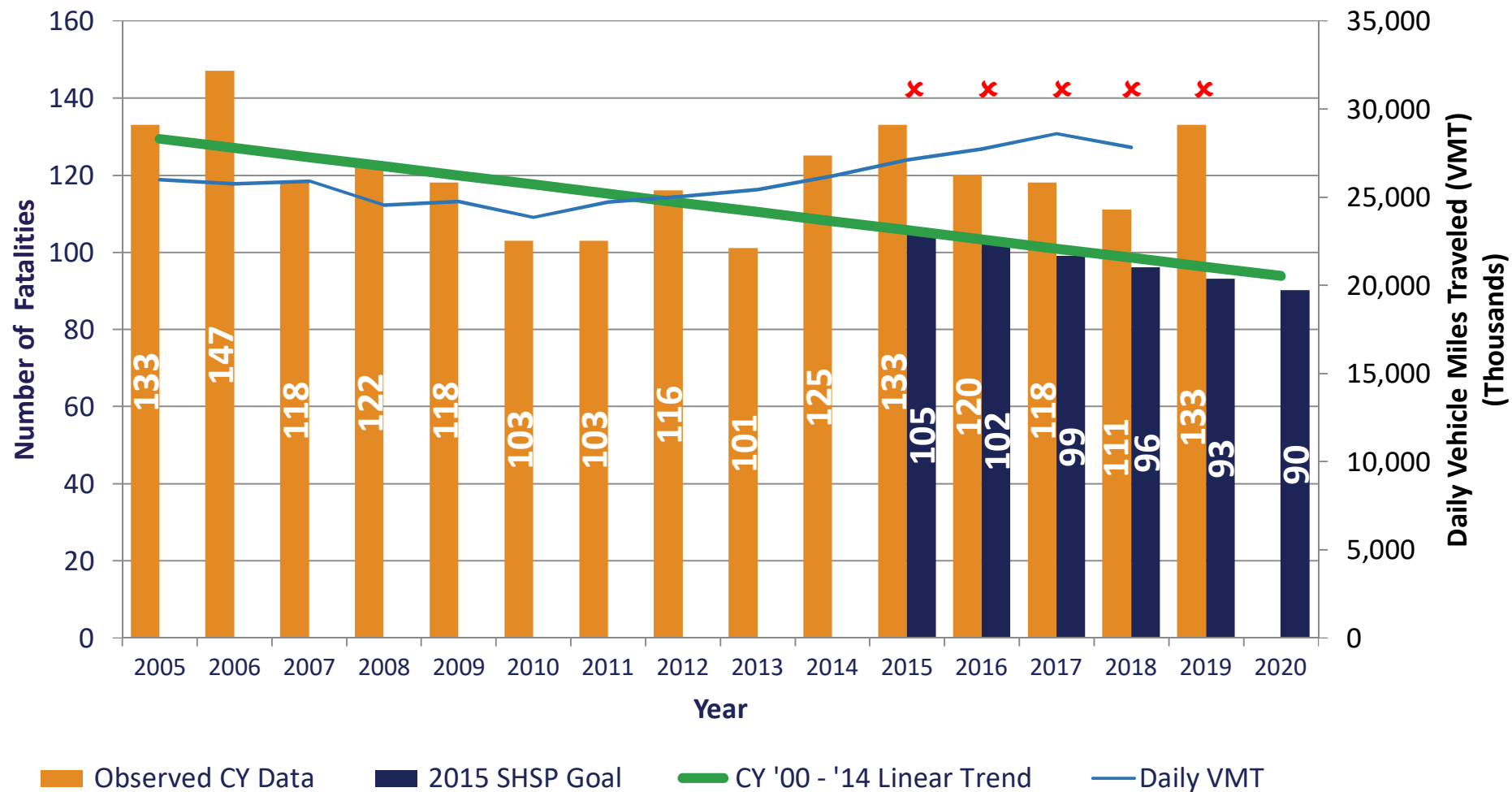
Crash Data Source: CARS; VMT Source: DeIDOT HPMS

✓ Goal Met ✗ Goal Not Met



Number of Fatalities

2015 Goal:
↓ 3 per year



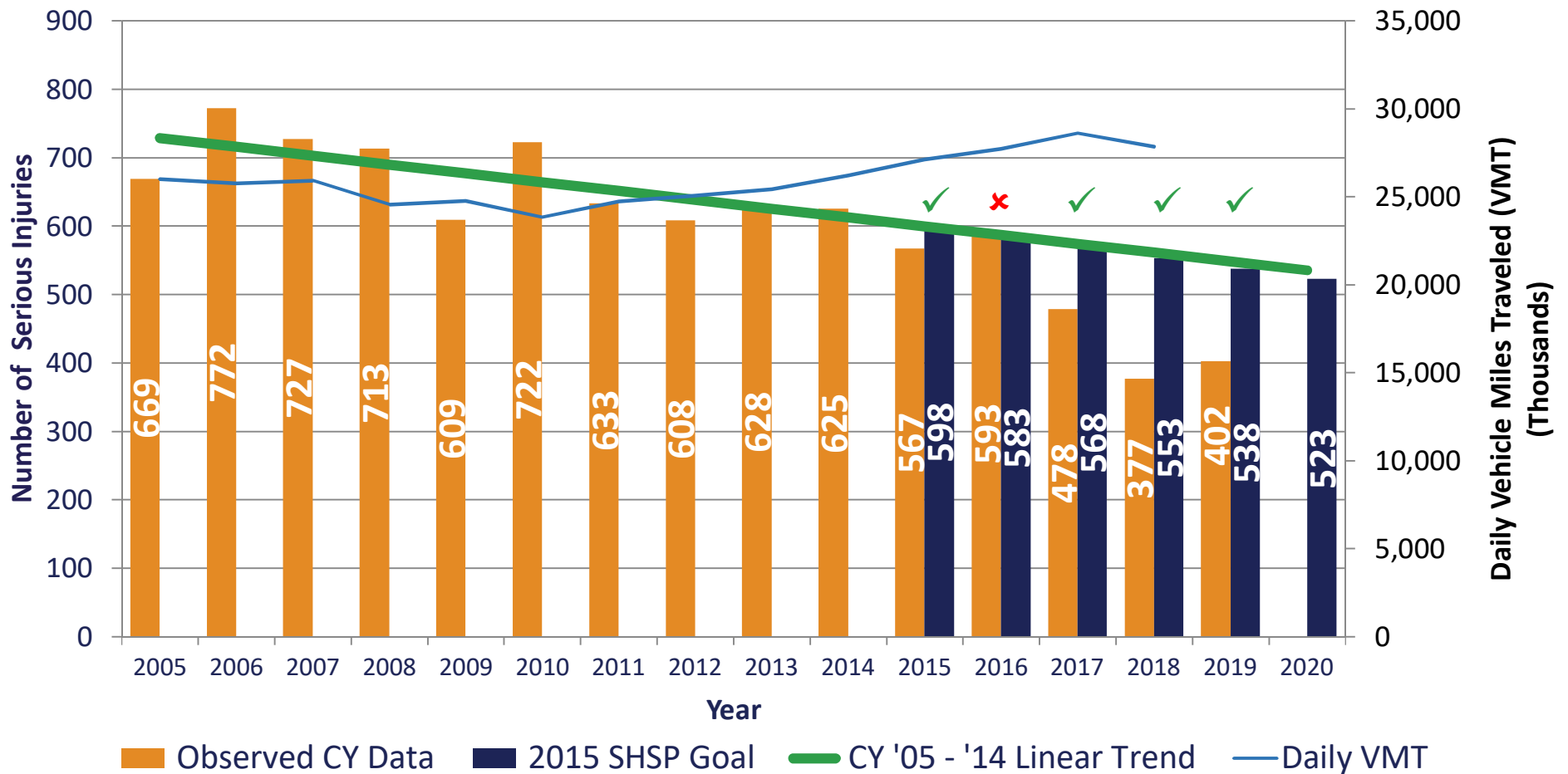
Crash Data Source: CARS; VMT Source: DeIDOT HPMS

✓ Goal Met ✗ Goal Not Met



Number of Serious Injuries

2015 Goal:
↓ 15 per year



Note: The recent decline in serious injuries may be partially attributed to the federally-mandated change in serious injury definition, which was implemented in Delaware at the end of September 2017

Crash Data Source: CARS; VMT Source: DeIDOT HPMS

✓ Goal Met ✗ Goal Not Met



Progress Towards 2015 SHSP Goals by EA

Performance Measure		Goal Met?				
		2015	2016	2017	2018	2019
Overall Goal (Combined Fatalities & Serious Injuries)		x	x	✓	✓	✓
<i>Overall Fatalities</i>		x	x	x	x	x
<i>Overall Serious Injuries</i>		✓	x	✓	✓	✓
Emphasis Areas (Combined K+A)	1 – Intersections	x	✓	x	✓	✓
	2 – Roadway Departure	✓	✓	✓	✓	✓
	3 – Impaired Driving	✓	x	✓	✓	✓
	4 – Unrestrained Motorists	✓	✓	✓	✓	✓
	5 – Motorcycles	x	✓	✓	x	x
	6 – Speeding	✓	✓	✓	✓	✓
	7 – Pedestrians	x	✓	✓	x	x

Source: CARS

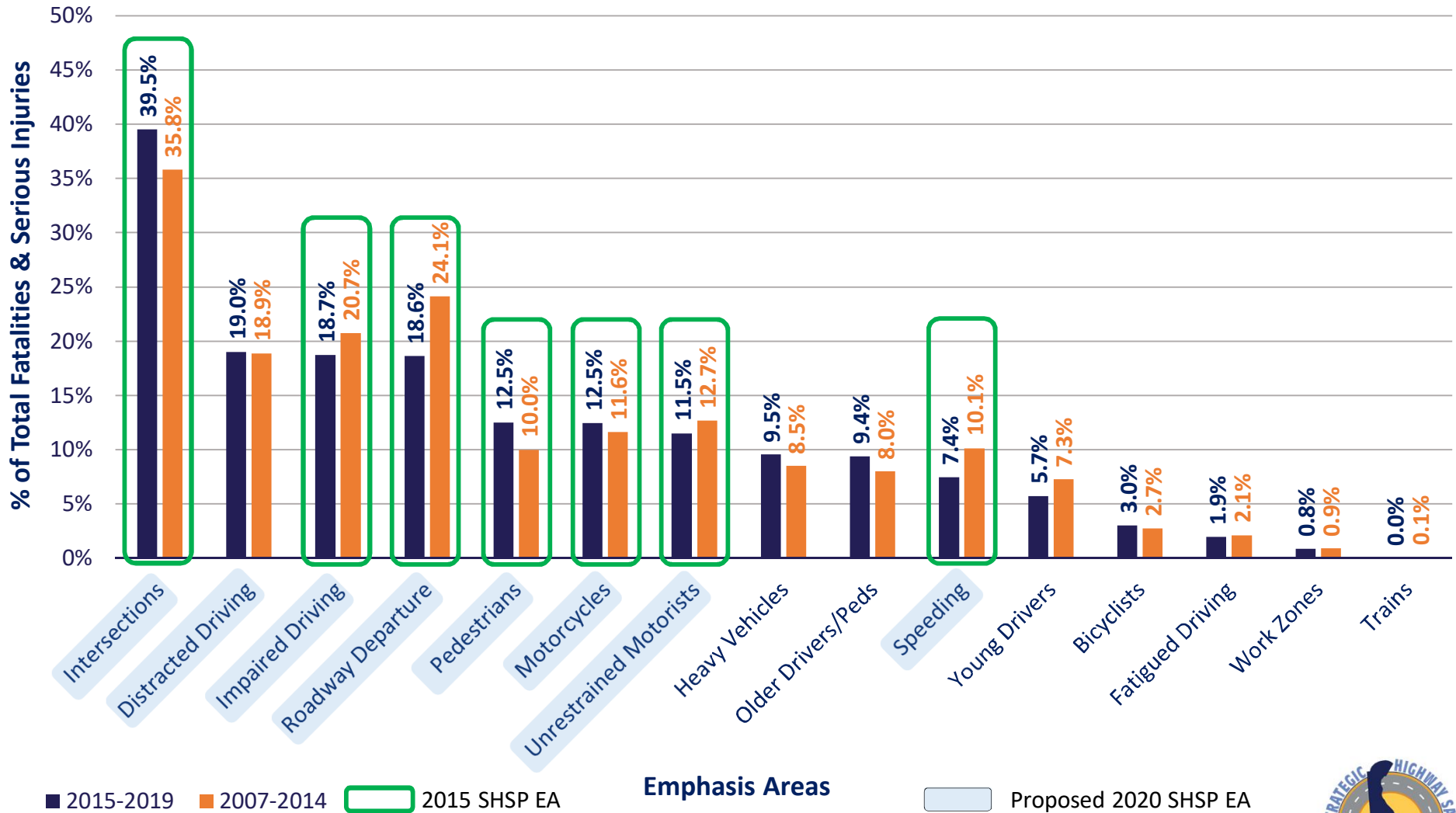
✓ Goal Met x Goal Not Met



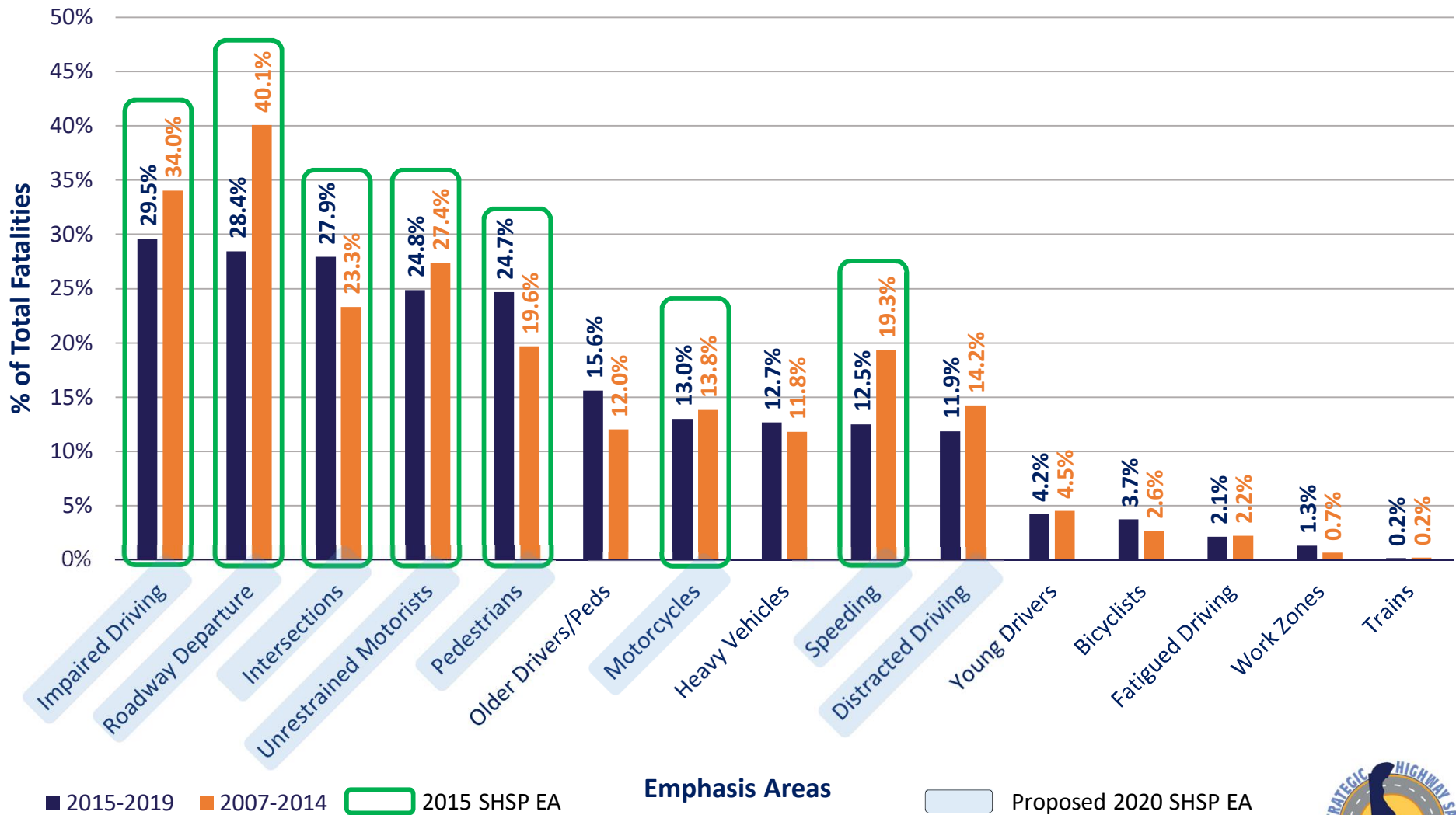
2020 SHSP Emphasis Area Crash Data



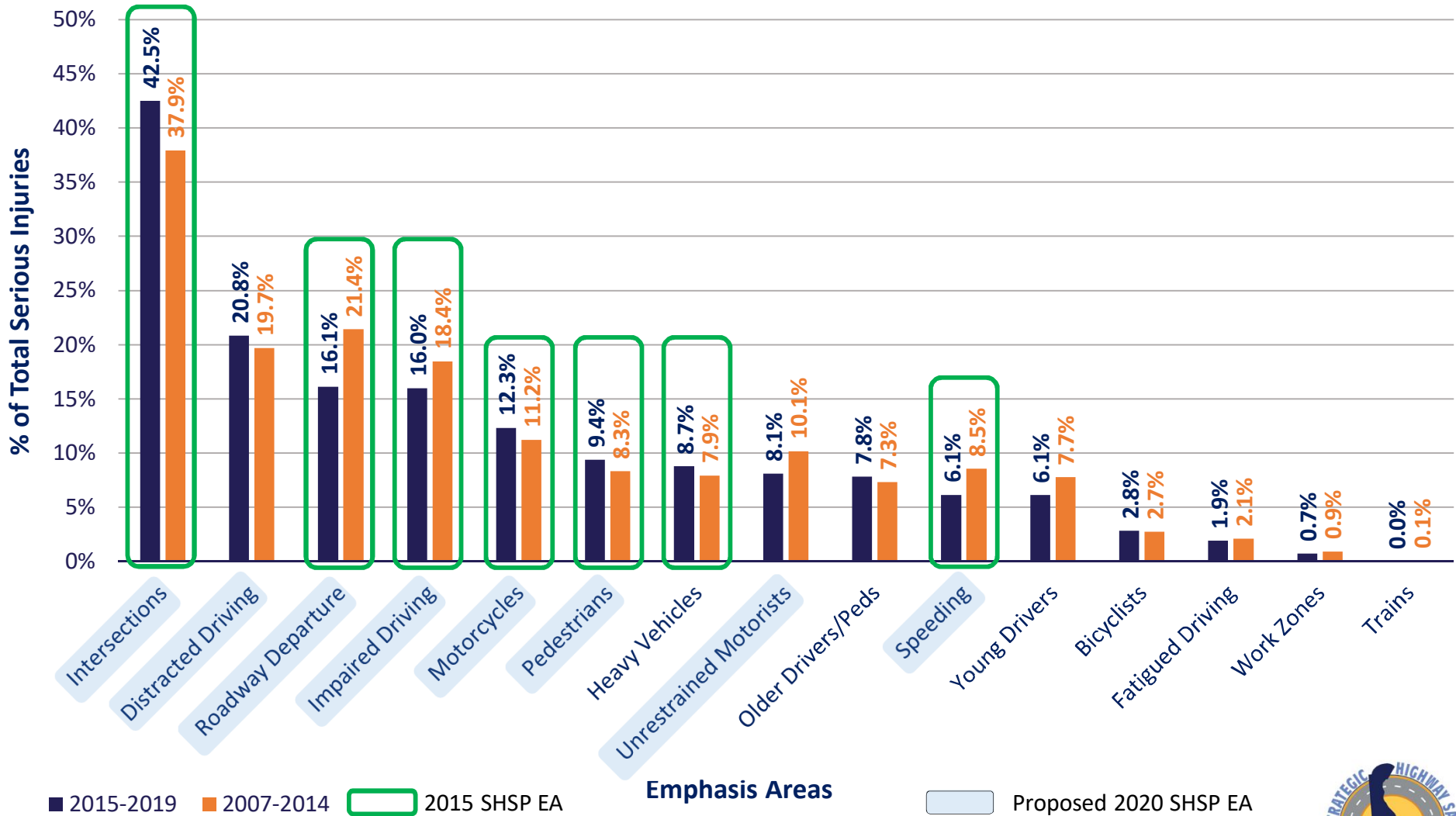
Data Summary: Fatalities & Serious Injuries



Data Summary: Fatalities

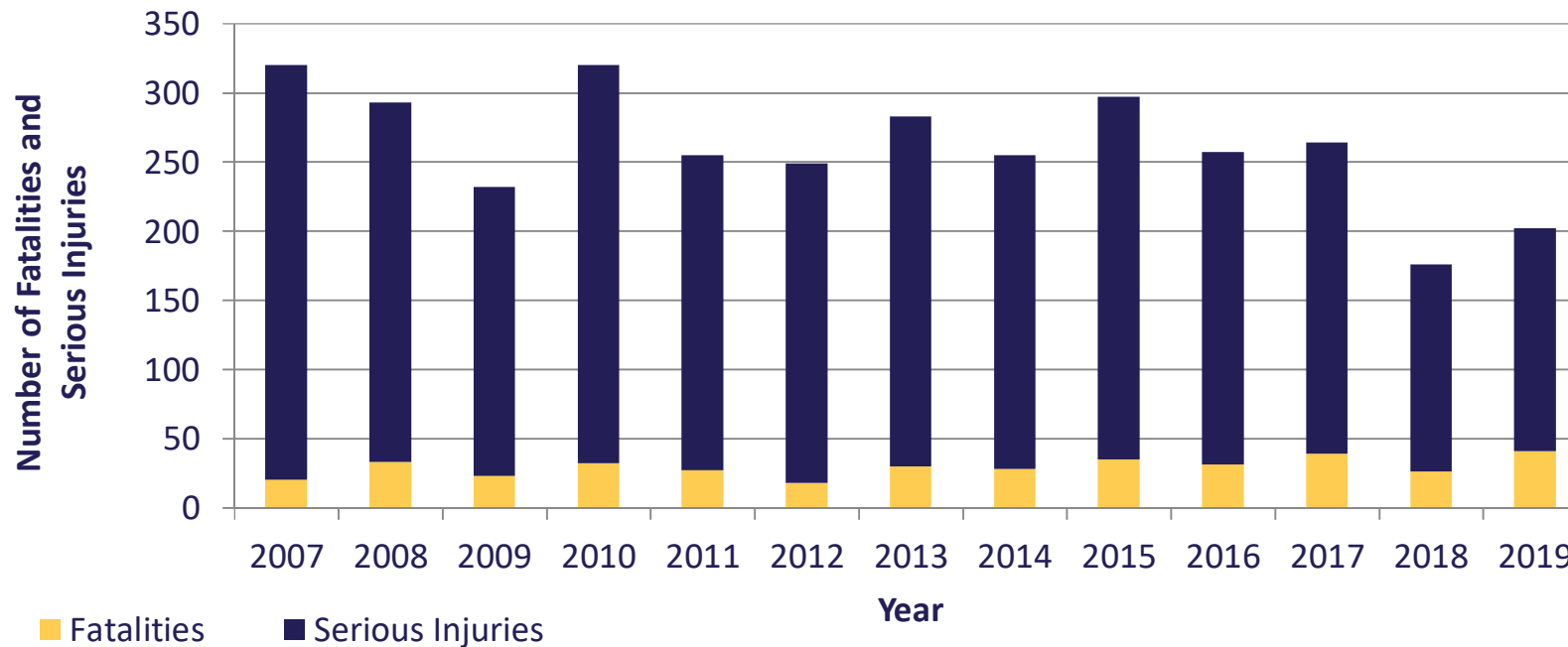


Data Summary: Serious Injuries



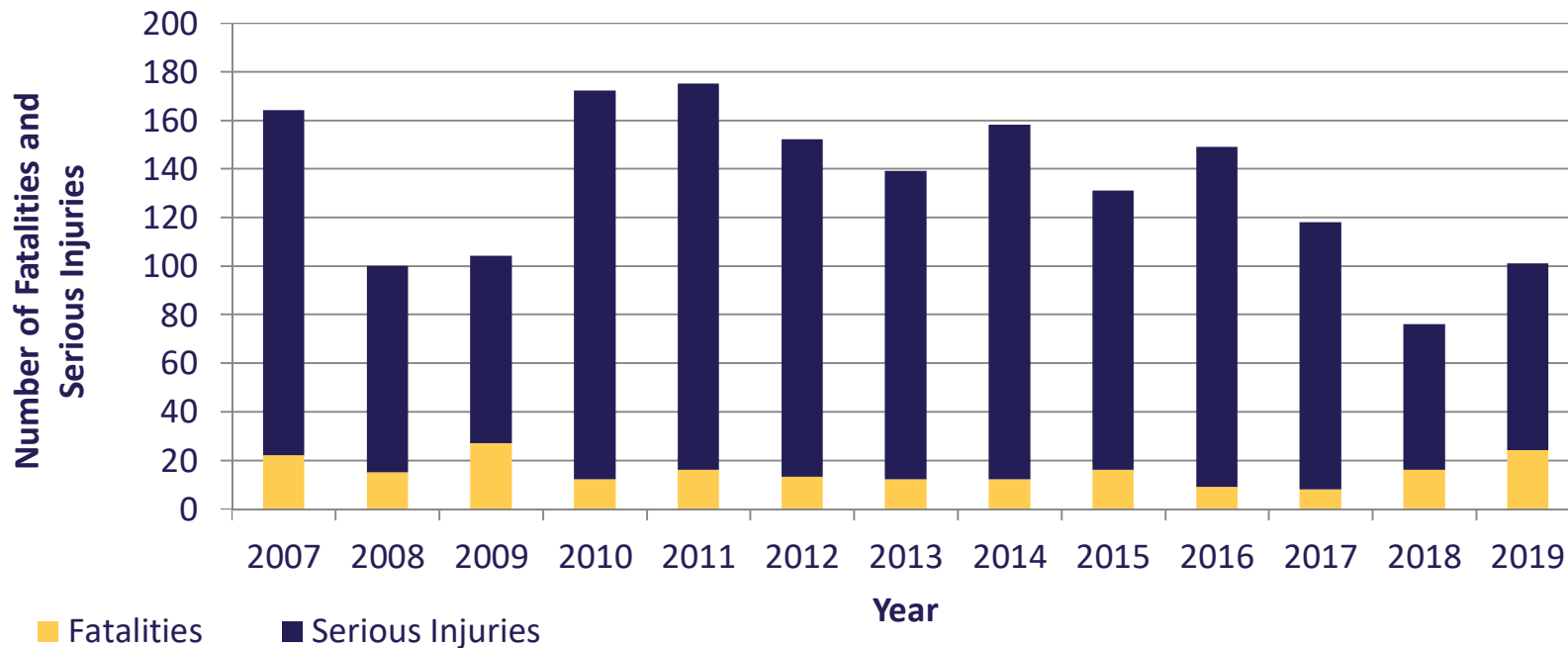
Intersections

Intersections	2015 SHSP '07-'14 Crashes	2020 SHSP 15-'19 Crashes	Trend
% of total fatalities	23%	28%	↑
% of total serious injuries	38%	42%	↑
% of total fatalities & serious injuries	36%	39%	↑



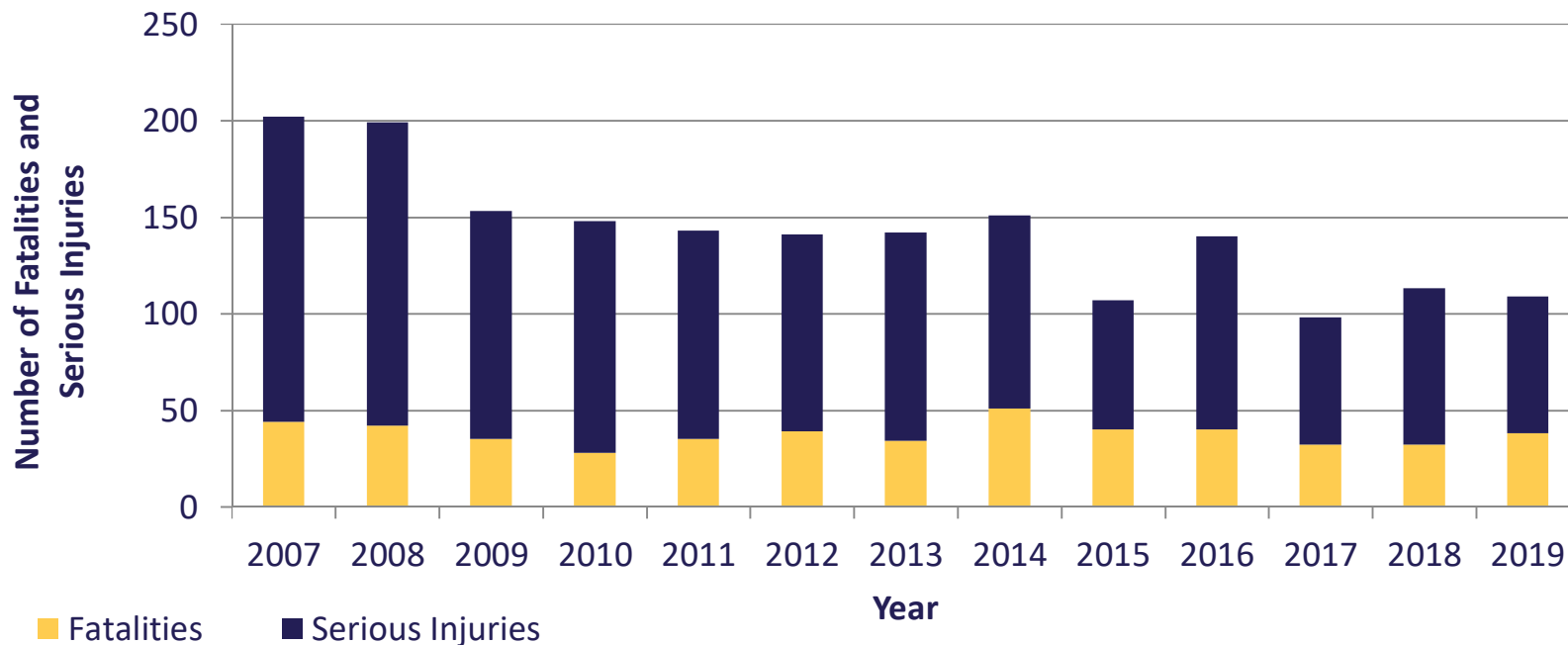
Distracted Driving

Distracted Driving	2015 SHSP '07-'14 Crashes	2020 SHSP 15-'19 Crashes	Trend
% of total fatalities	14%	12%	↓
% of total serious injuries	20%	21%	↑
% of total fatalities & serious injuries	19%	19%	-



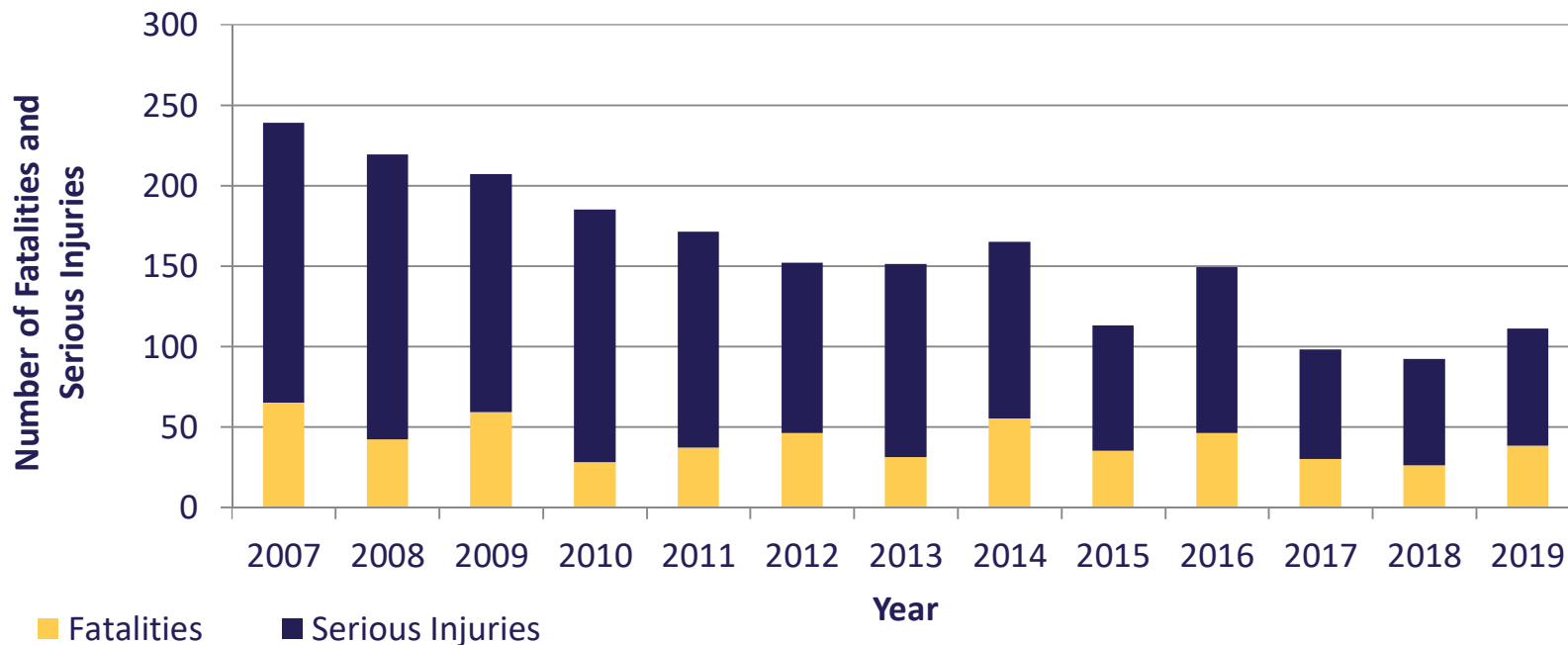
Impaired Driving

Impaired Driving	2015 SHSP '07-'14 Crashes	2020 SHSP 15-'19 Crashes	Trend
% of total fatalities	34%	30%	↓
% of total serious injuries	18%	16%	↓
% of total fatalities & serious injuries	21%	19%	↓



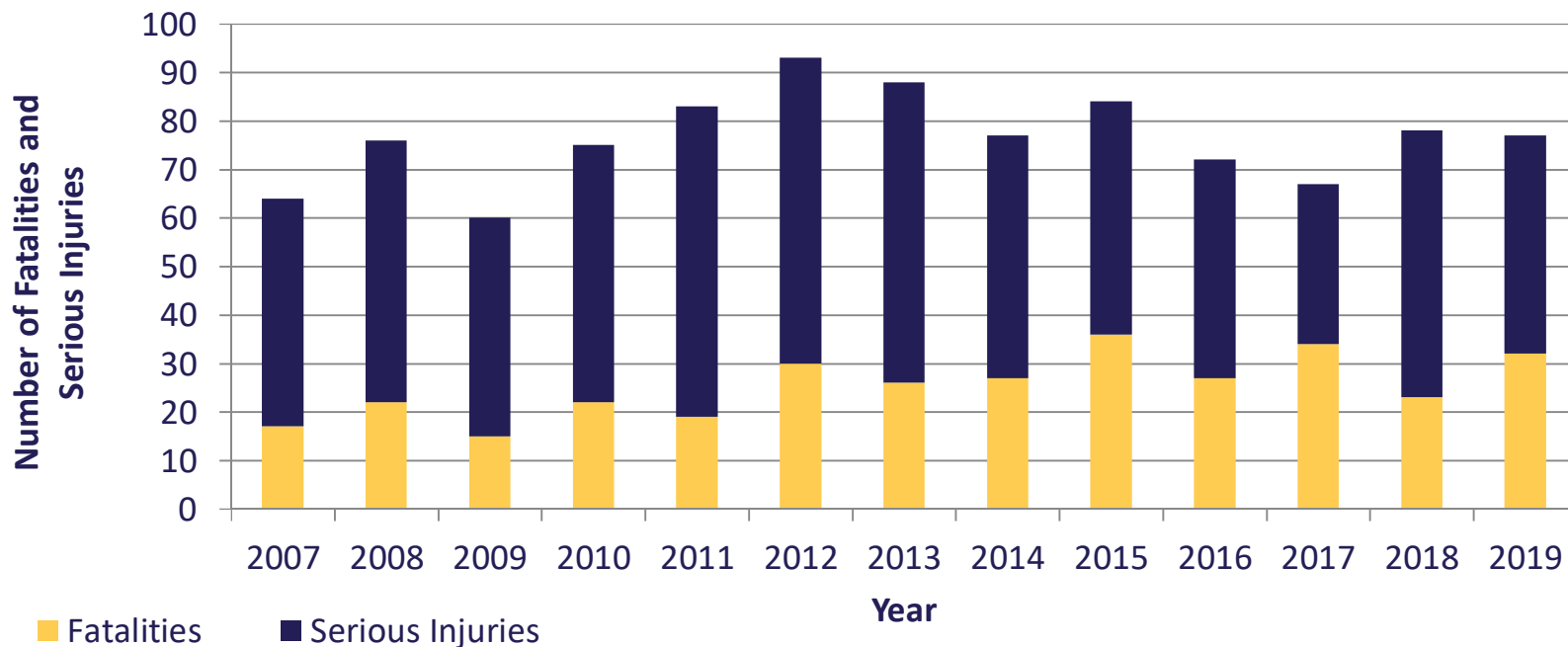
Roadway Departure

Roadway Departure	2015 SHSP '07-'14 Crashes	2020 SHSP 15-'19 Crashes	Trend
% of total fatalities	40%	28%	↓
% of total serious injuries	21%	16%	↓
% of total fatalities & serious injuries	24%	19%	↓



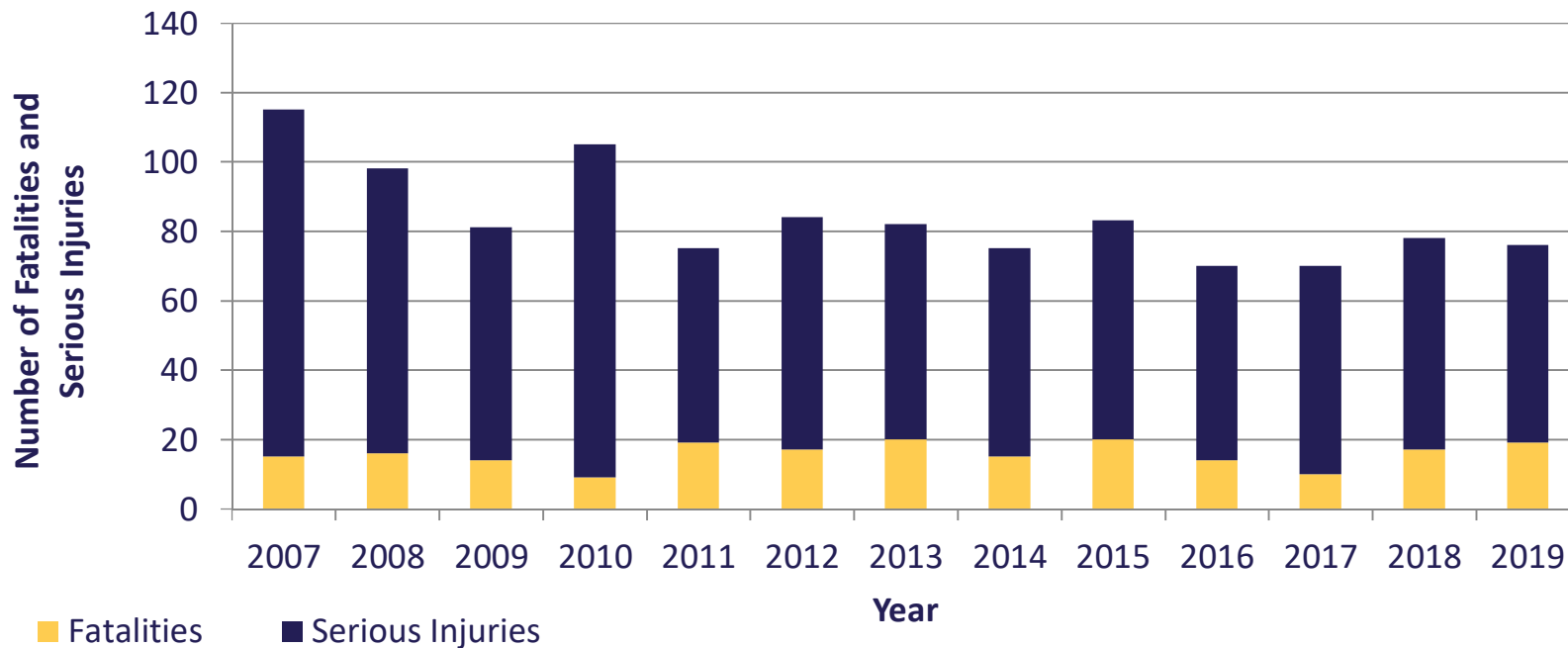
Pedestrians

Pedestrians	2015 SHSP '07-'14 Crashes	2020 SHSP 15-'19 Crashes	Trend
% of total fatalities	20%	25%	↑
% of total serious injuries	8%	9%	↑
% of total fatalities & serious injuries	10%	12%	↑



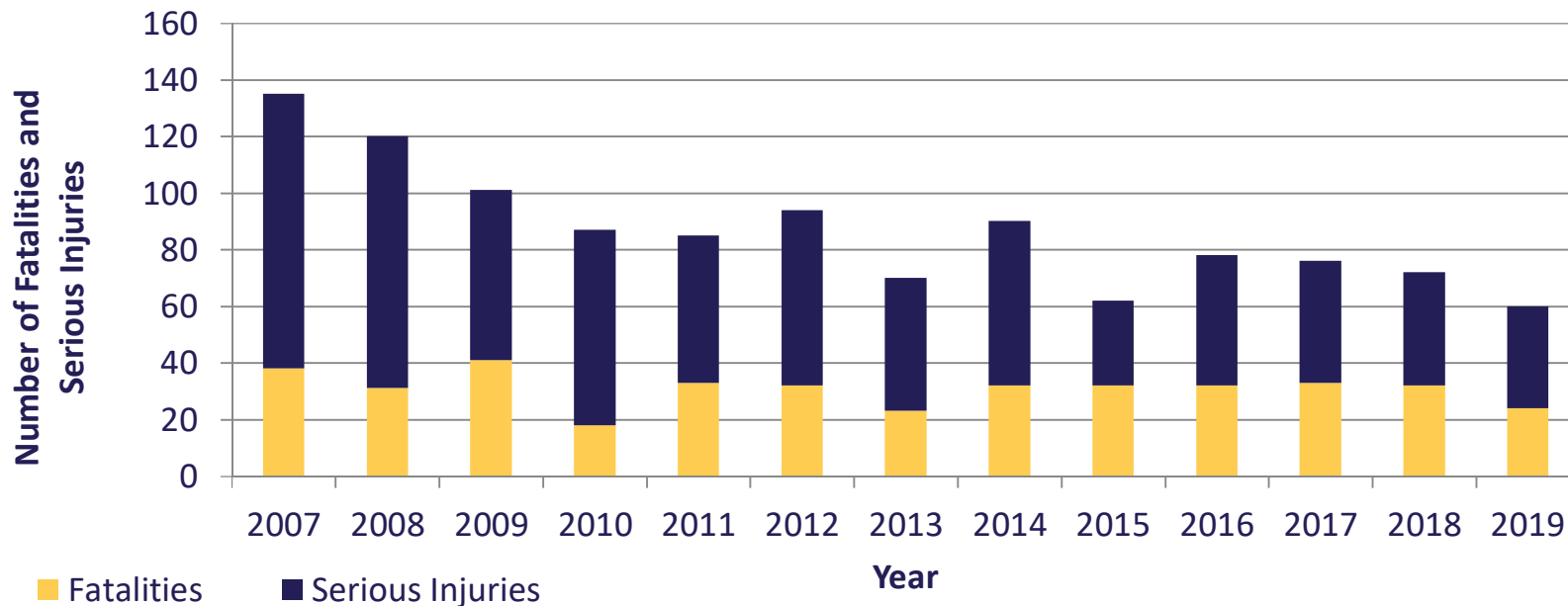
Motorcycles

Motorcycles	2015 SHSP '07-'14 Crashes	2020 SHSP 15-'19 Crashes	Trend
% of total fatalities	14%	13%	↓
% of total serious injuries	11%	12%	↑
% of total fatalities & serious injuries	12%	12%	↑



Unrestrained Motorists

Unrestrained Motorists	2015 SHSP '07-'14 Crashes	2020 SHSP 15-'19 Crashes	Trend
% of total fatalities	27%	25%	↓
% of total serious injuries	10%	8%	↓
% of total fatalities & serious injuries	13%	11%	↓
DE Seat Belt Usages*	90%	91%	↑

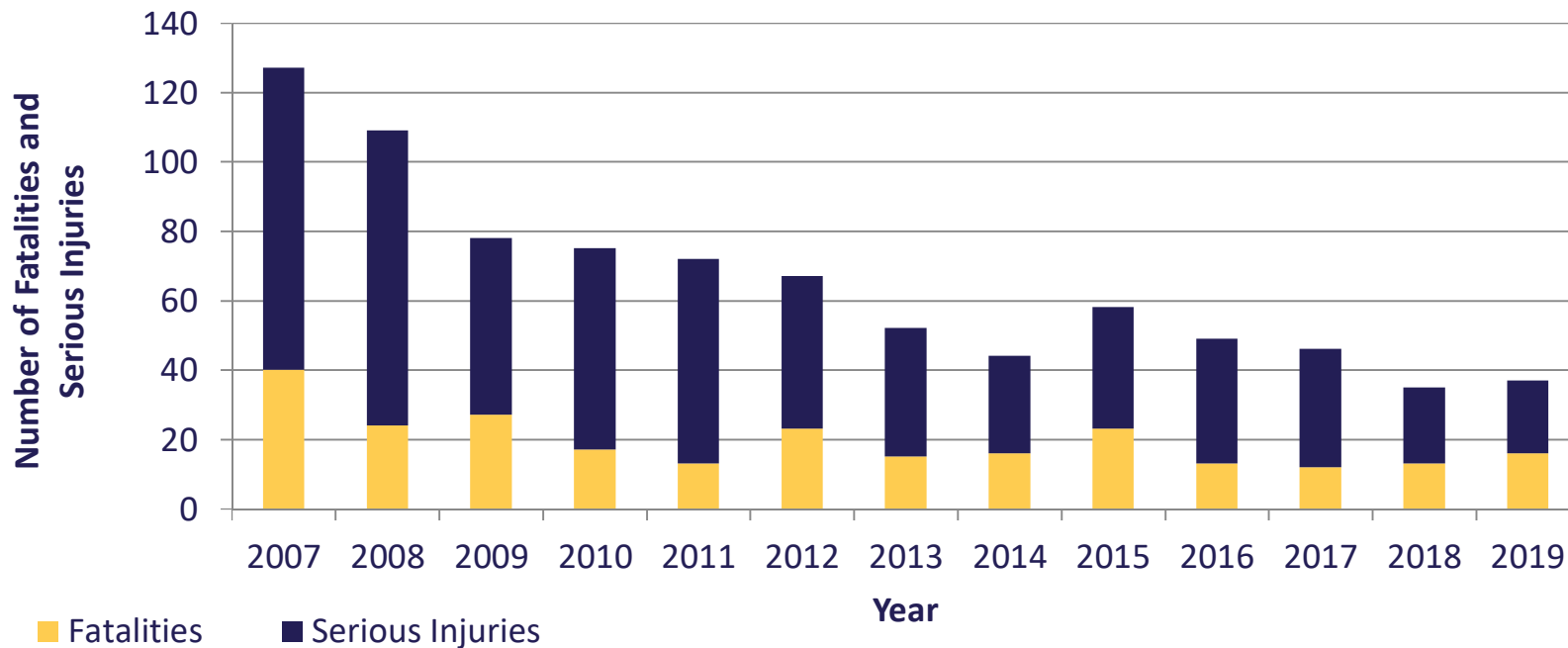


*Per Delaware Office of Highway Safety's FY 2020 HSP



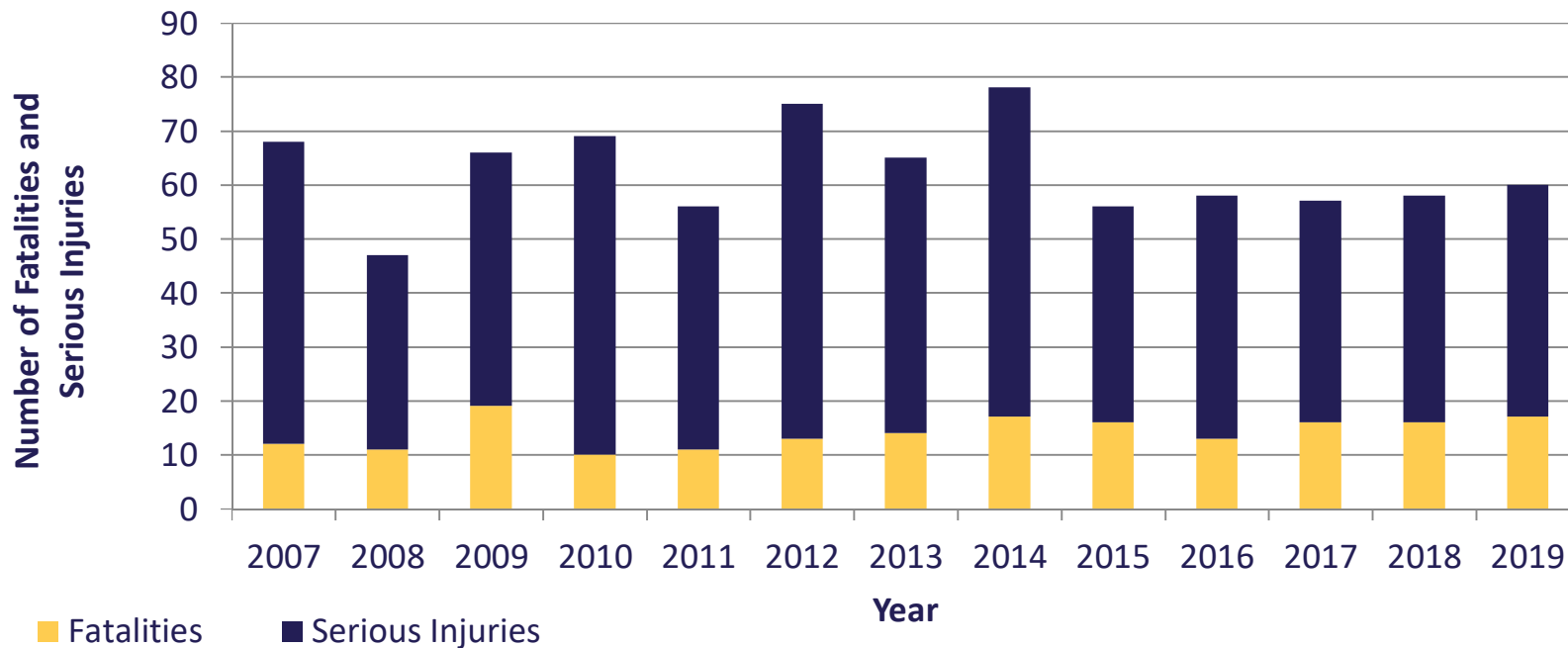
Speeding

Speeding	2015 SHSP '07-'14 Crashes	2020 SHSP 15-'19 Crashes	Trend
% of total fatalities	19%	13%	↓
% of total serious injuries	9%	6%	↓
% of total fatalities & serious injuries	10%	7%	↓



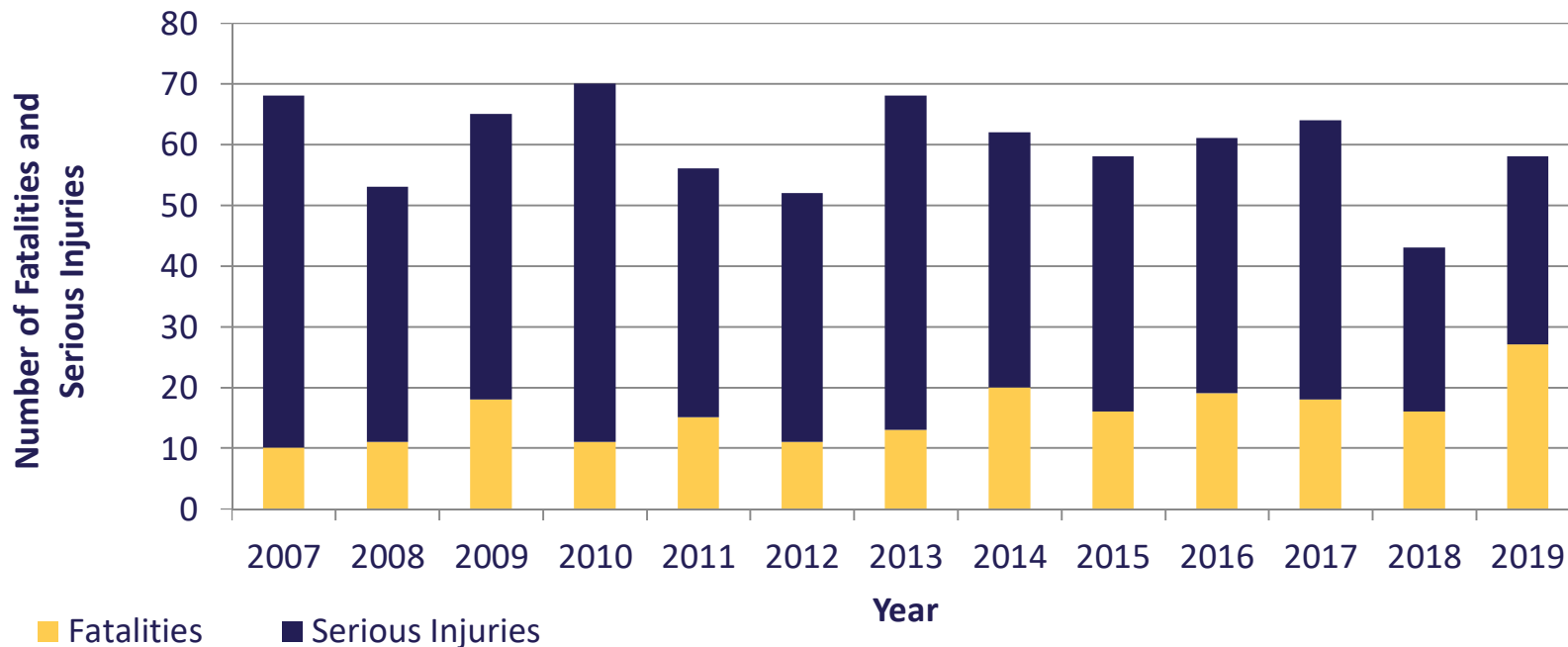
Heavy Vehicles

Heavy Vehicles	2015 SHSP '07-'14 Crashes	2020 SHSP 15-'19 Crashes	Trend
% of total fatalities	12%	13%	↑
% of total serious injuries	8%	9%	↑
% of total fatalities & serious injuries	8%	10%	↑



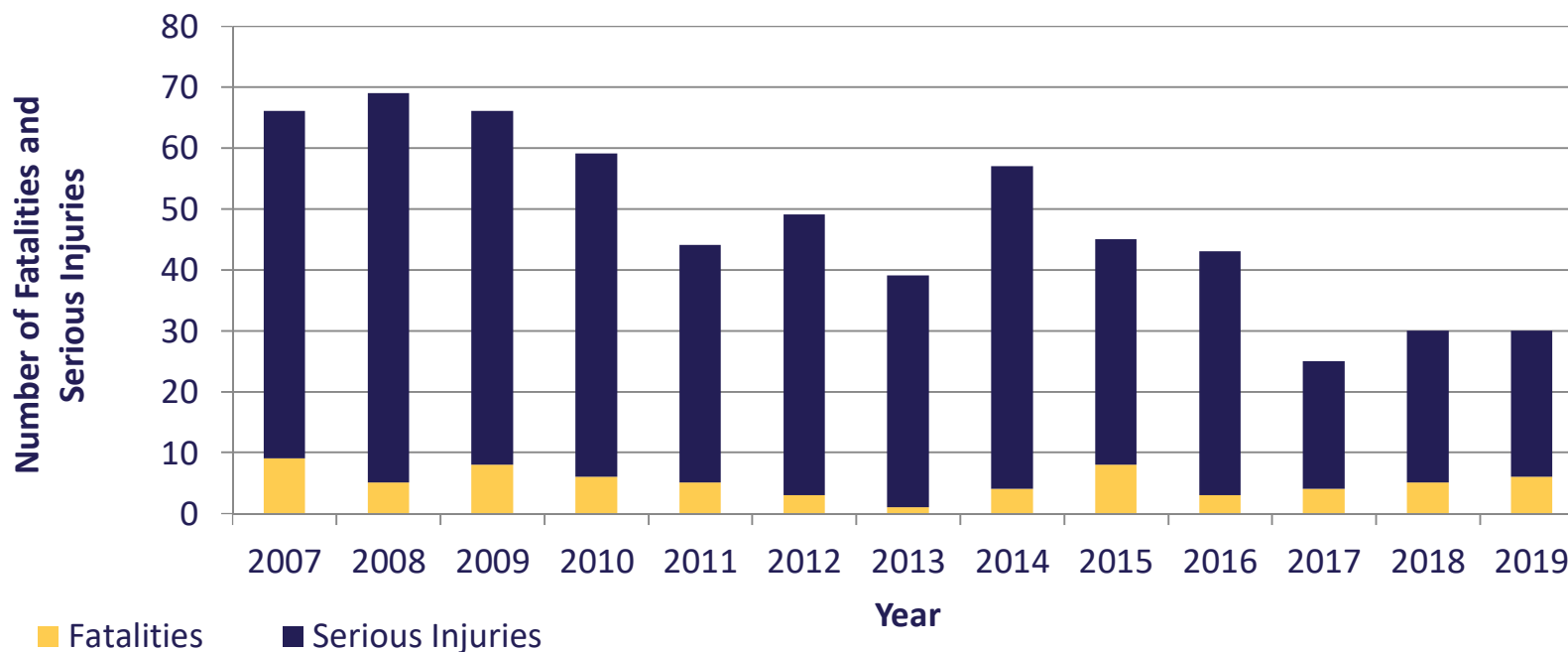
Older Drivers/Pedestrians

Older Drivers/Pedestrians	2015 SHSP '07-'14 Crashes	2020 SHSP 15-'19 Crashes	Trend
% of total fatalities	12%	16%	↑
% of total serious injuries	7%	8%	↑
% of total fatalities & serious injuries	8%	9%	↑



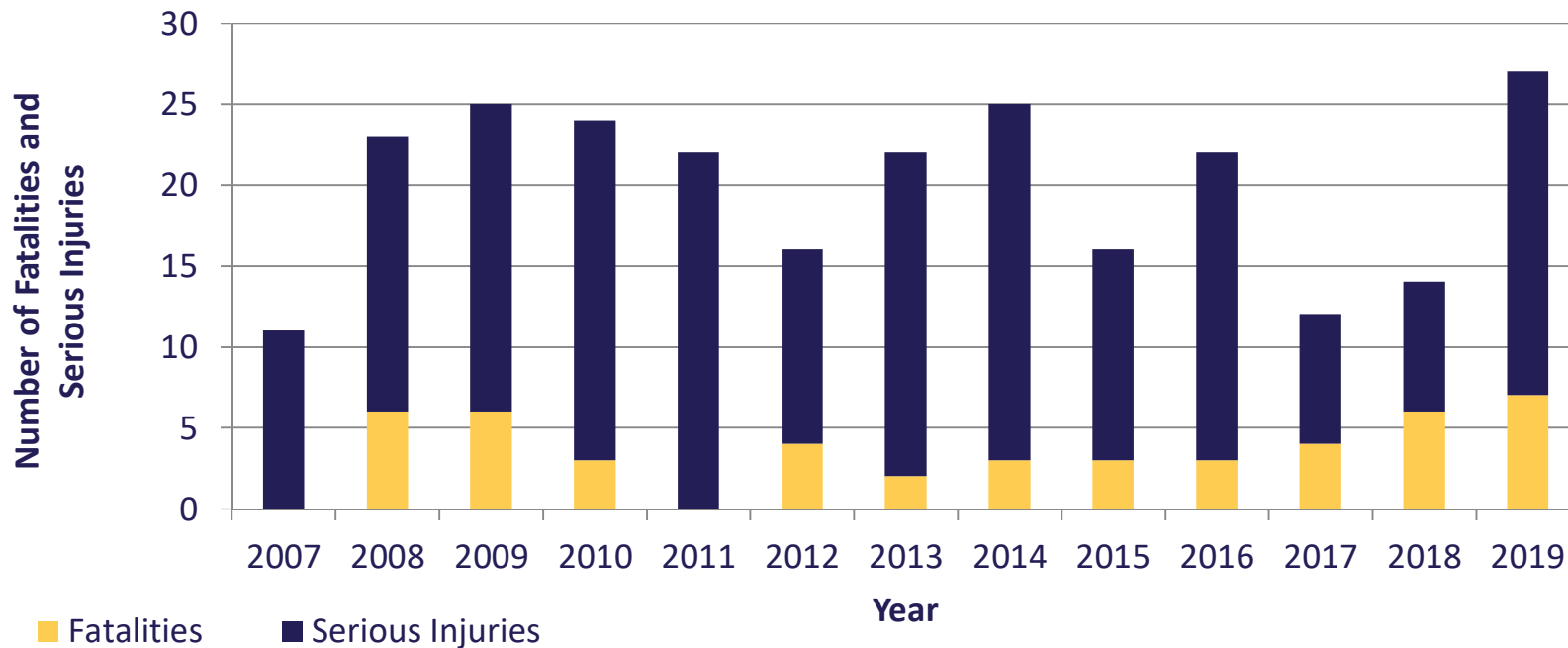
Young Drivers

Young Drivers	2015 SHSP '07-'14 Crashes	2020 SHSP 15-'19 Crashes	Trend
% of total fatalities	5%	4%	↓
% of total serious injuries	8%	6%	↓
% of total fatalities & serious injuries	7%	6%	↓



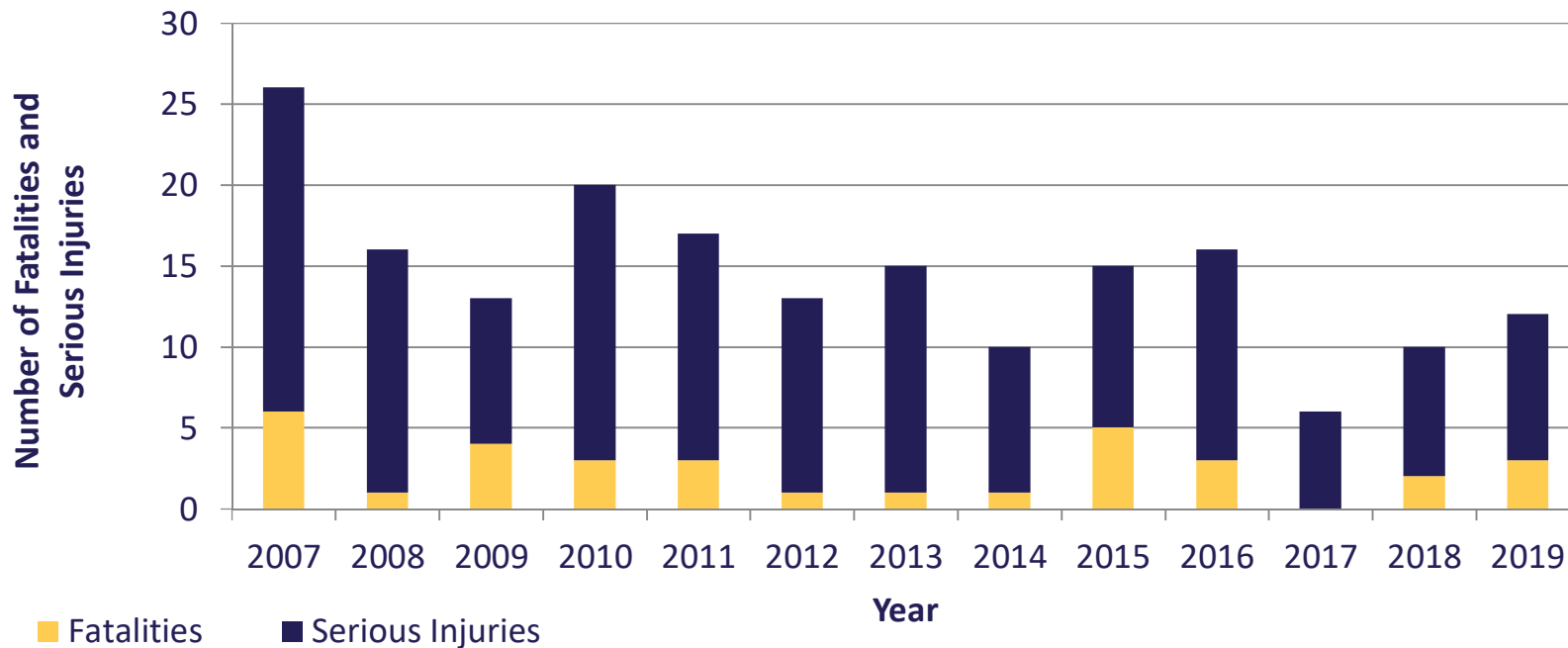
Bicyclists

Bicyclists	2015 SHSP '07-'14 Crashes	2020 SHSP 15-'19 Crashes	Trend
% of total fatalities	3%	4%	↑
% of total serious injuries	3%	3%	-
% of total fatalities & serious injuries	3%	3%	-



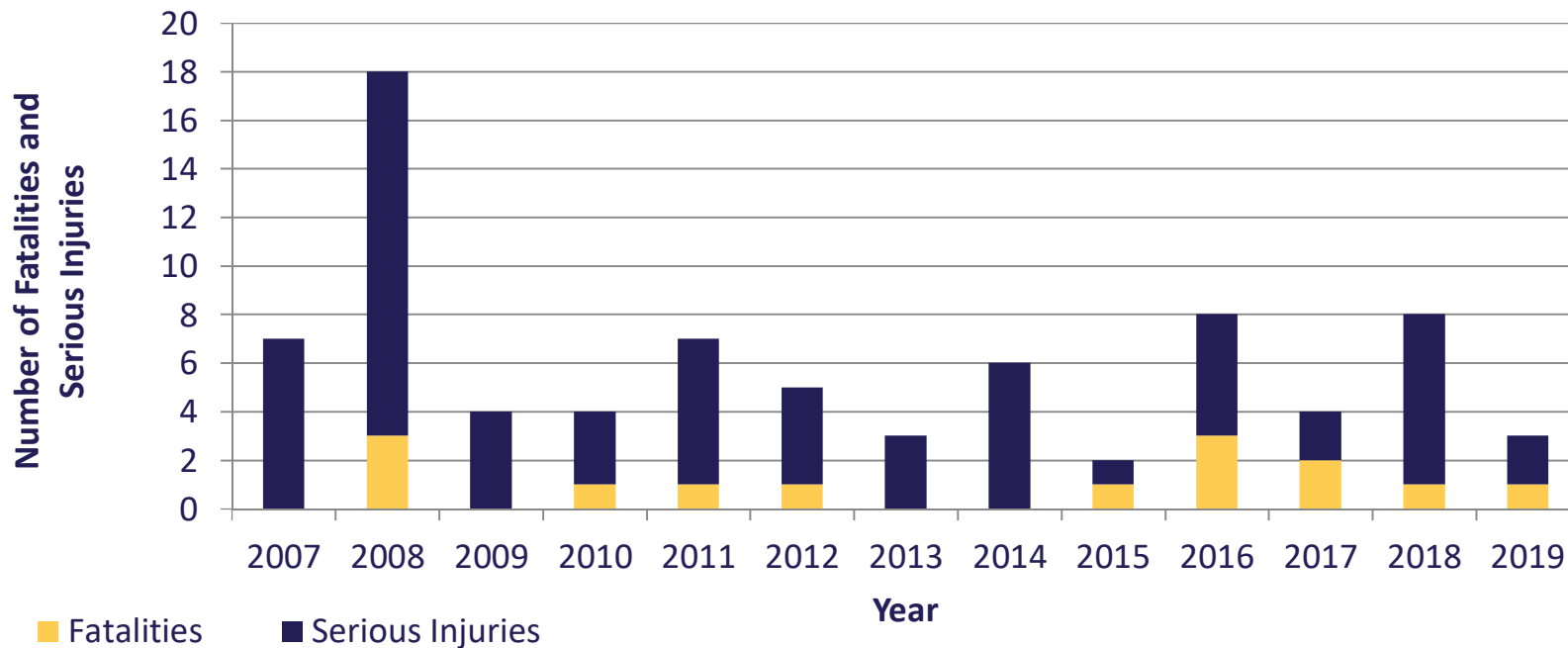
Fatigued Drivers

Fatigued Drivers	2015 SHSP '07-'14 Crashes	2020 SHSP 15-'19 Crashes	Trend
% of total fatalities	2%	2%	-
% of total serious injuries	2%	2%	-
% of total fatalities & serious injuries	2%	2%	-



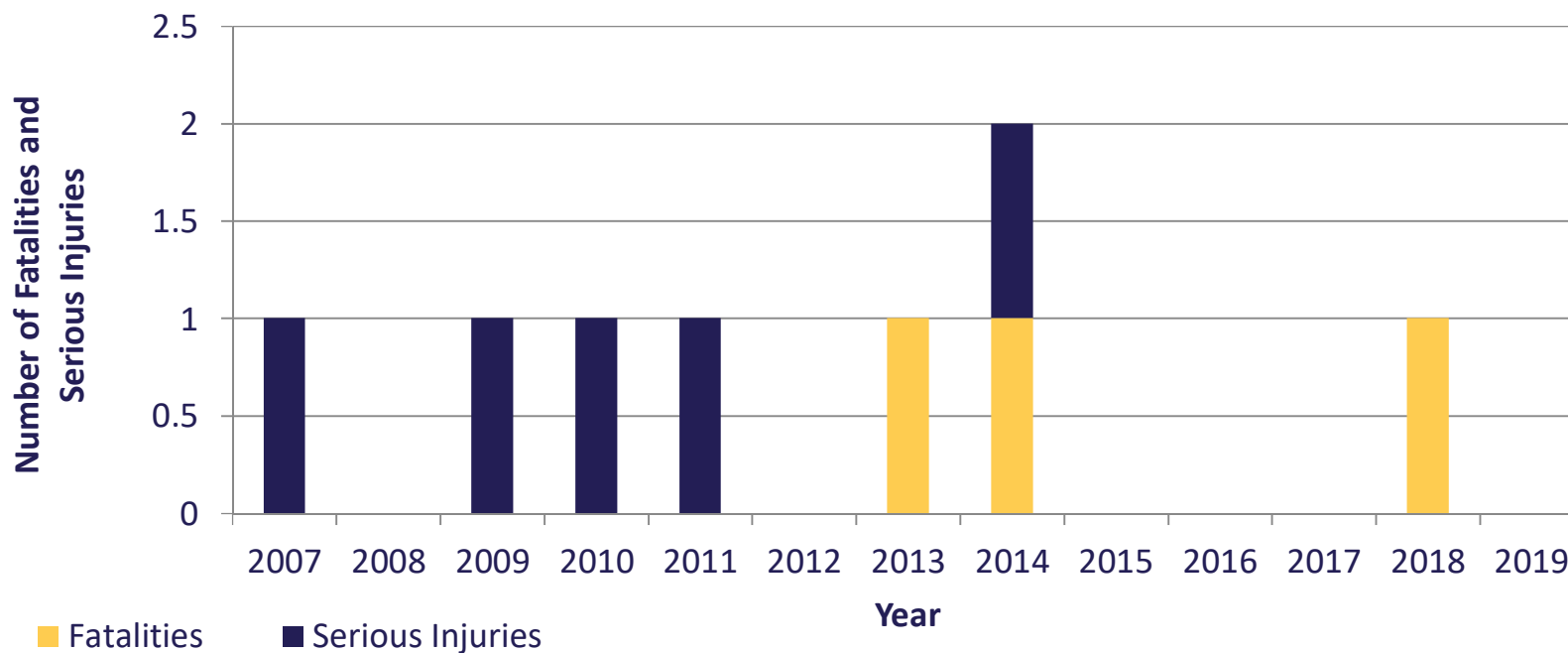
Work Zones

Work Zones	2015 SHSP '07-'14 Crashes	2020 SHSP 15-'19 Crashes	Trend
% of total fatalities	1%	1%	-
% of total serious injuries	1%	1%	-
% of total fatalities & serious injuries	1%	1%	-



Trains

Trains	2015 SHSP '07-'14 Crashes	2020 SHSP 15-'19 Crashes	Trend
% of total fatalities	0.2%	0.2%	-
% of total serious injuries	0.1%	0.0%	↓
% of total fatalities & serious injuries	0.1%	0.0%	↓



EMS

Location		Time of Crash to EMS Notification (min)	EMS Notification to EMS Arrival at Crash Scene (min)	EMS Arrival at Crash Scene to Hospital Arrival (min)	Time of Crash to Hospital Arrival (min)
Urban Fatal Crashes	Delaware	4.42	5.72	21.53	30.50
	National	3.46	7.22	27.54	36.86
Rural Fatal Crashes	Delaware	4.23	7.44	34.31	43.84
	National	5.90	12.84	41.36	55.74



Thank You!



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***Thank you for your time and interest in safety on Delaware's roadways.
We look forward to and value your feedback. Please take an opportunity
to complete the workshop survey form.***

