

Menlo Park Vision Zero Action Plan

Appendix B: Collision Analysis Summary



Photo Source: City of Menlo Park



FEHR & PEERS

Collision Analysis Summary
April 20, 2023

City of Menlo Park Vision Zero Action Plan



Roadway Safety in Menlo Park

SAFETY IN MENLO PARK

2019 City Comparison

- California Office of Traffic Safety Comparison of similarly-size cities
- 1 represents the least safe city in peer group



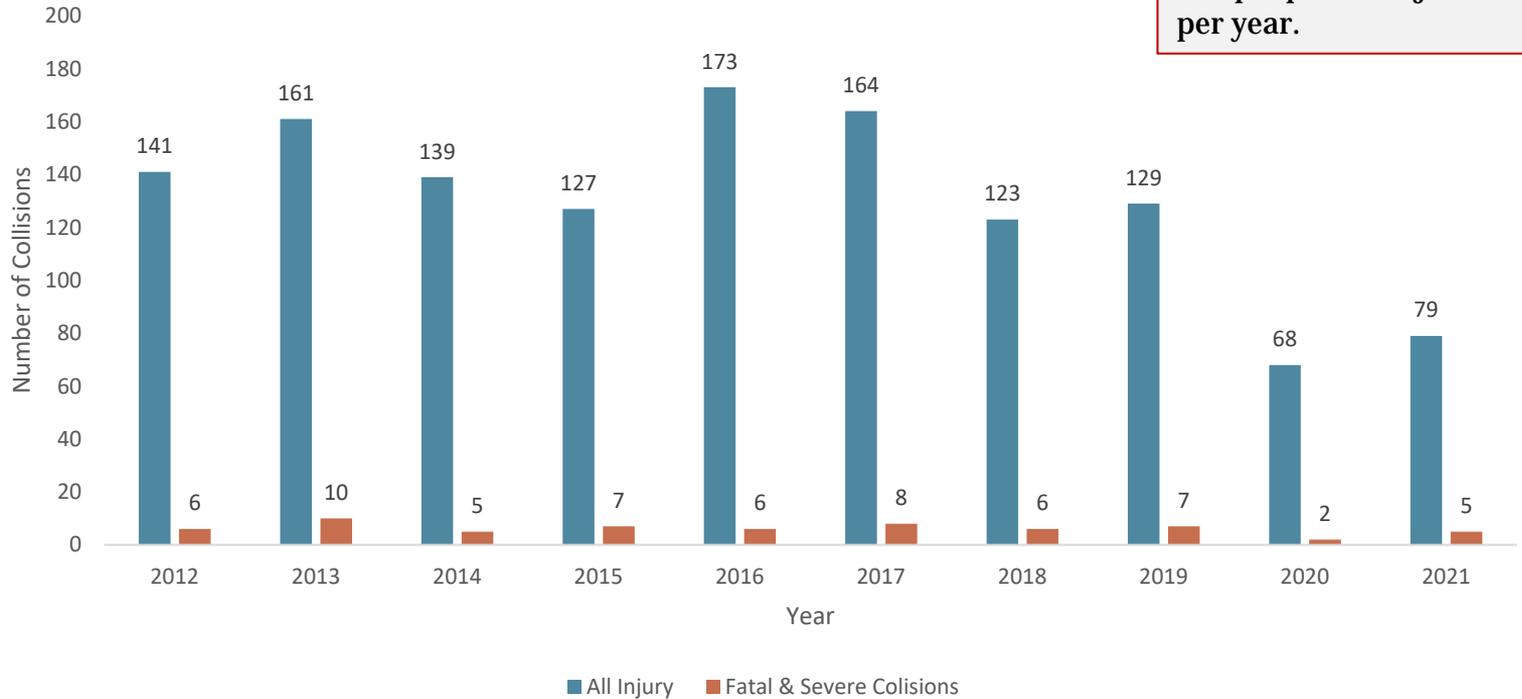
Agency	Year	County	Group	Population (Avg)	DVMT
Menlo Park	2019	SAN MATEO COUNTY	D	35120	332250

TYPE OF CRASH	VICTIMS KILLED & INJURED	OTS RANKING
Total Fatal and Injury	176	16/94
Alcohol Involved	11	50/94
Had Been Drinking Driver < 21	0	64/94
Had Been Drinking Driver 21 – 34	2	48/94
Motorcycles	4	51/94
Pedestrians	9	43/94
Pedestrians < 15	1	45/94
Pedestrians 65+	4	8/94
Bicyclists	29	3/94
Bicyclists < 15	2	19/94
Composite	95	37/94

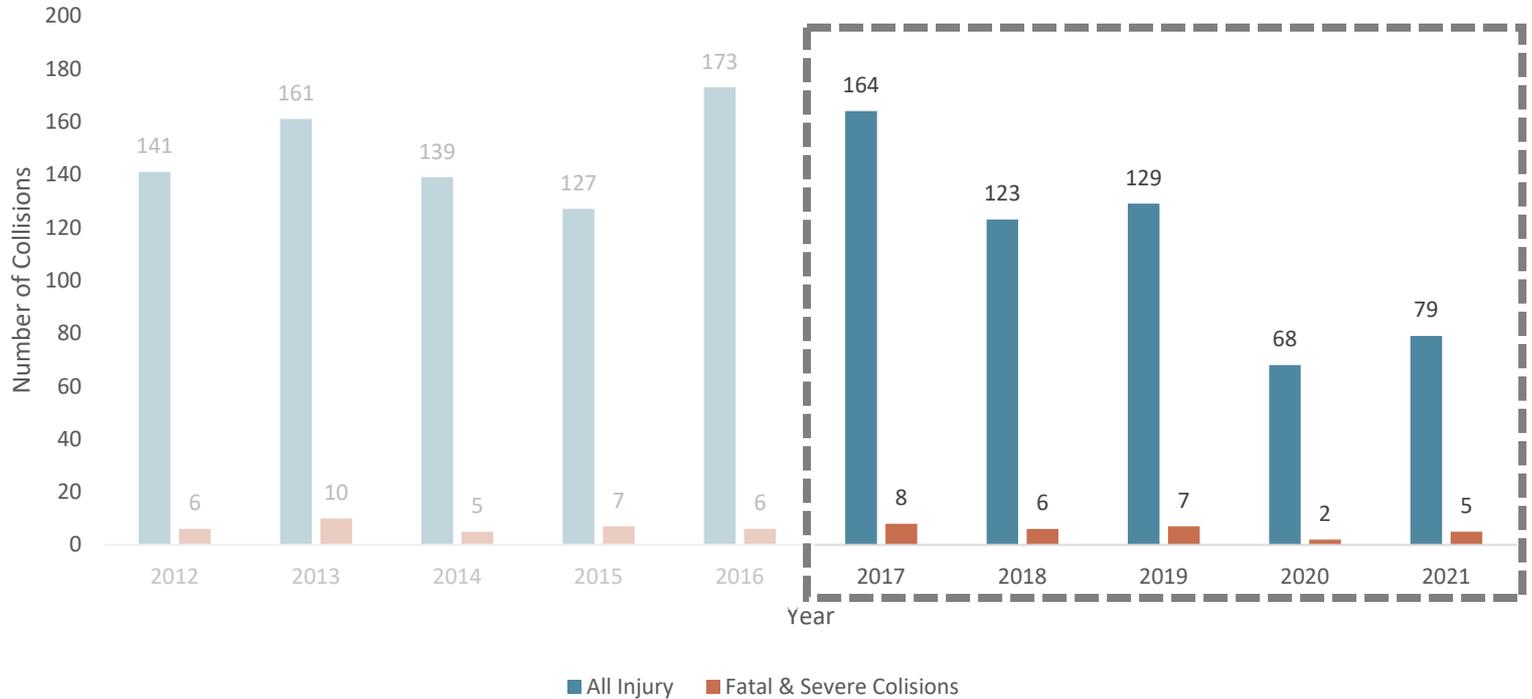
TYPE OF CRASH	FATAL & INJURY CRASHES	OTS RANKING
Speed Related	63	3/94
Nighttime (9:00pm – 2:59am)	12	32/94
Hit and Run	7	42/94

Number of Collisions by Year

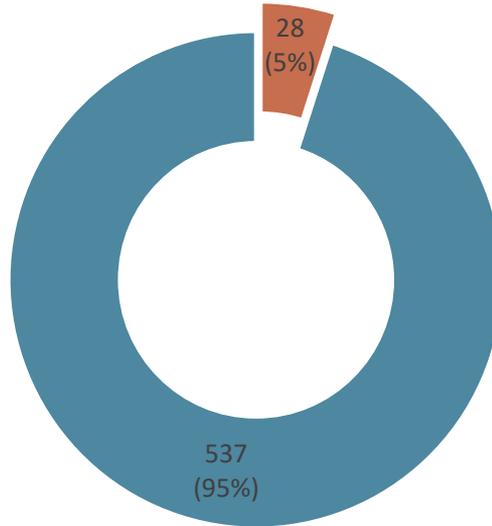
On average, 6 people are killed or severely injured in collisions in Menlo Park, and an additional 124 people are injured per year.



Number of Collisions by Year

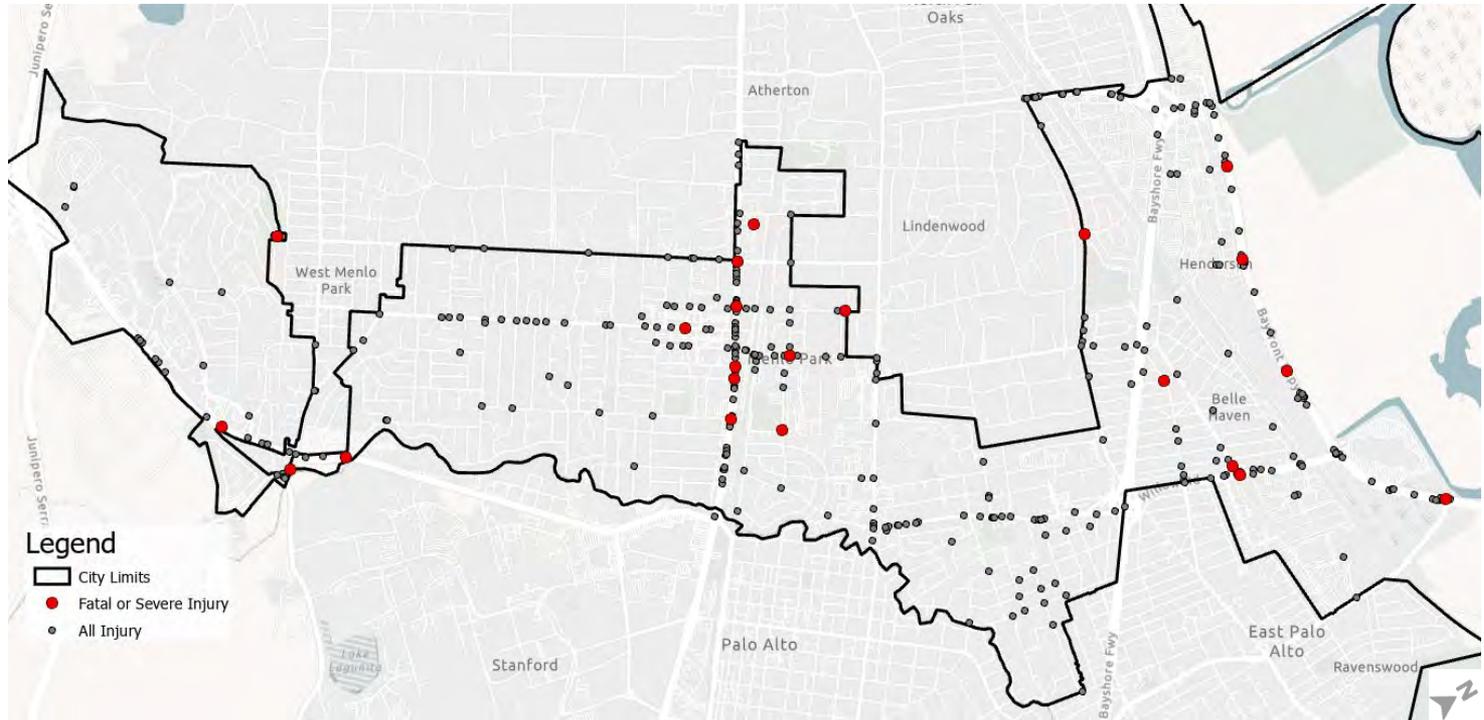


Collisions in Menlo Park, 2017-2021



■ Fatal & Severe Collisions ■ All Other Injury Collisions

Geographic Distribution of Collisions

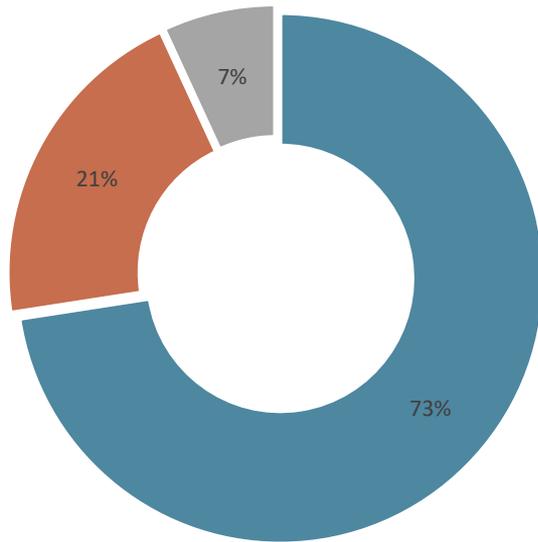




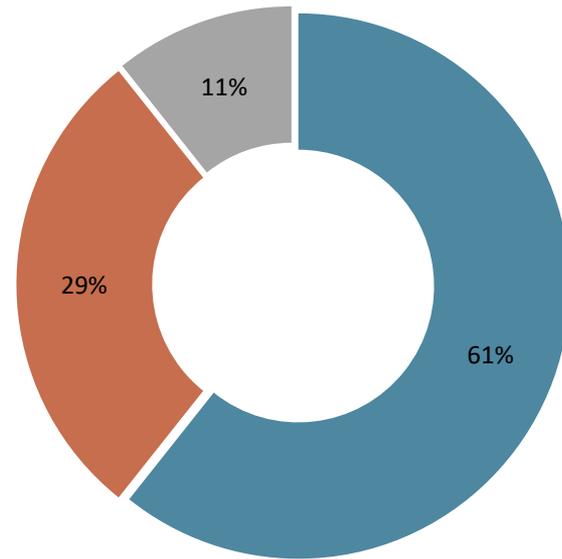
Roadway Safety:
Who?

Collisions by Mode

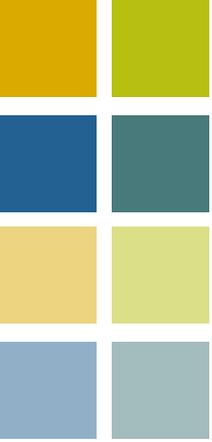
All Injury Collisions



Fatal & Severe Collisions

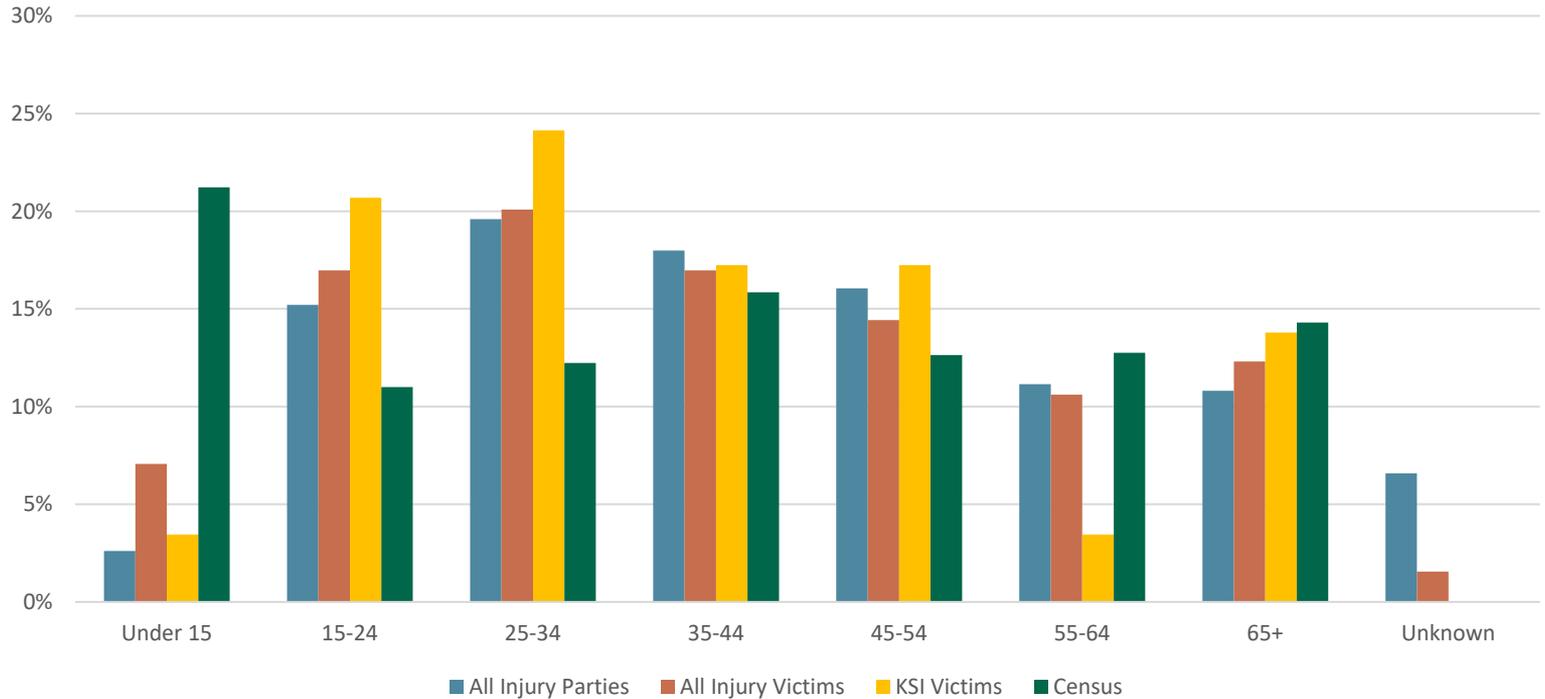


■ Vehicle-Only ■ Bicycle-Involved ■ Pedestrian-Involved

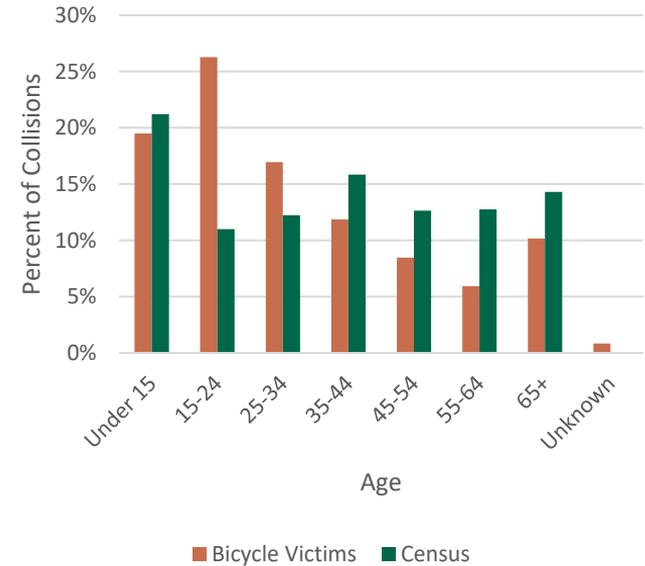
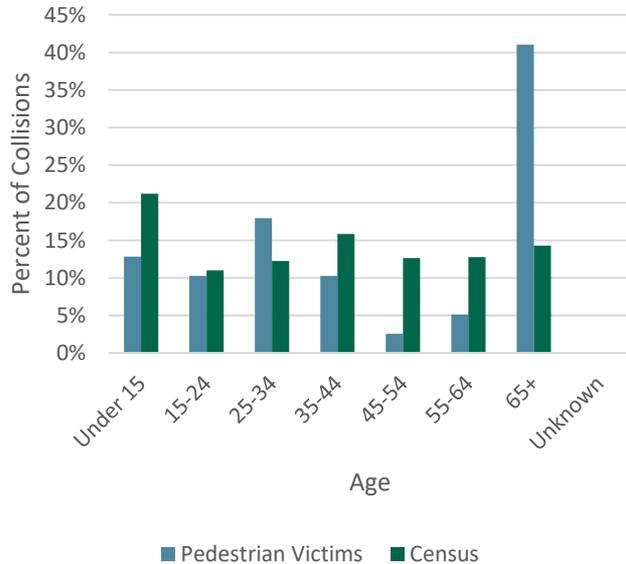


People walking and biking are involved in 28% of total injury collisions but **40% of fatal & severe collisions.**

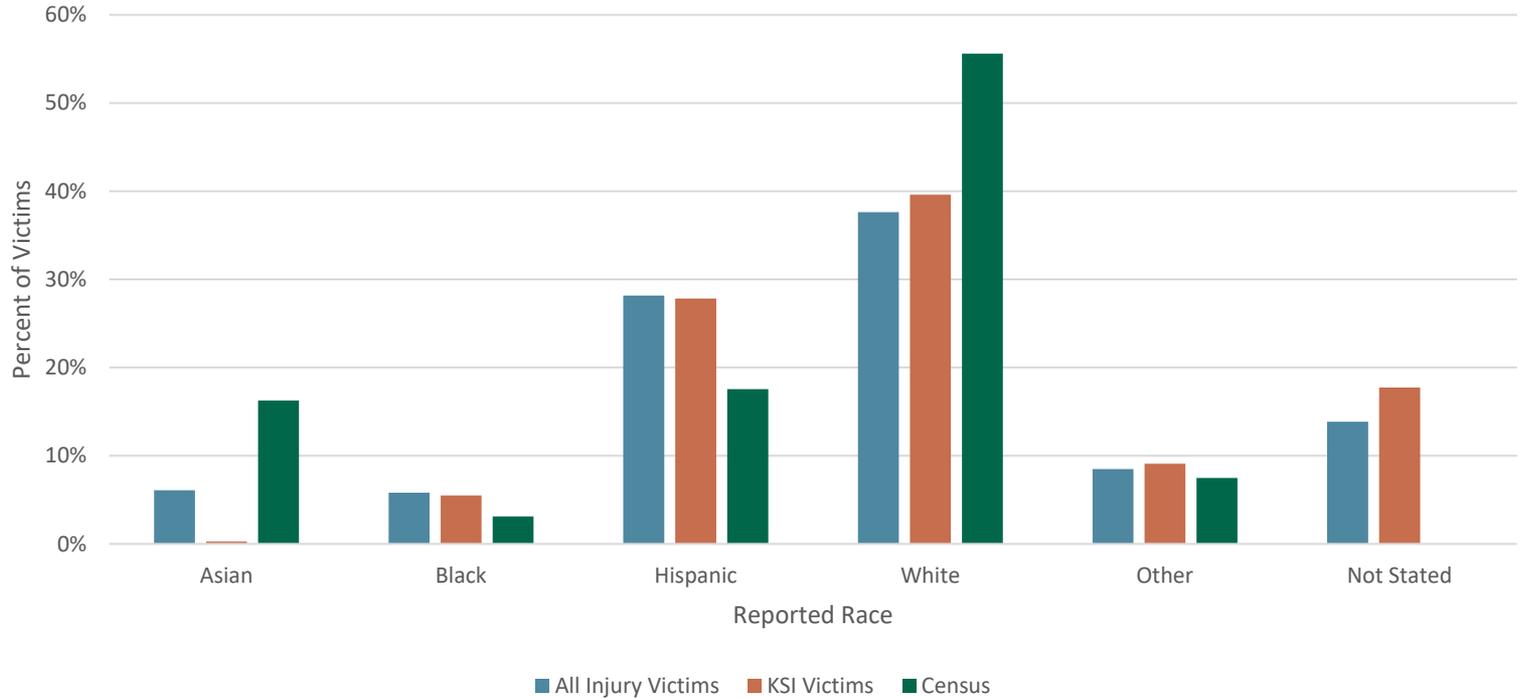
Party and Victim Age



Victim Age: Pedestrians and Bicyclists

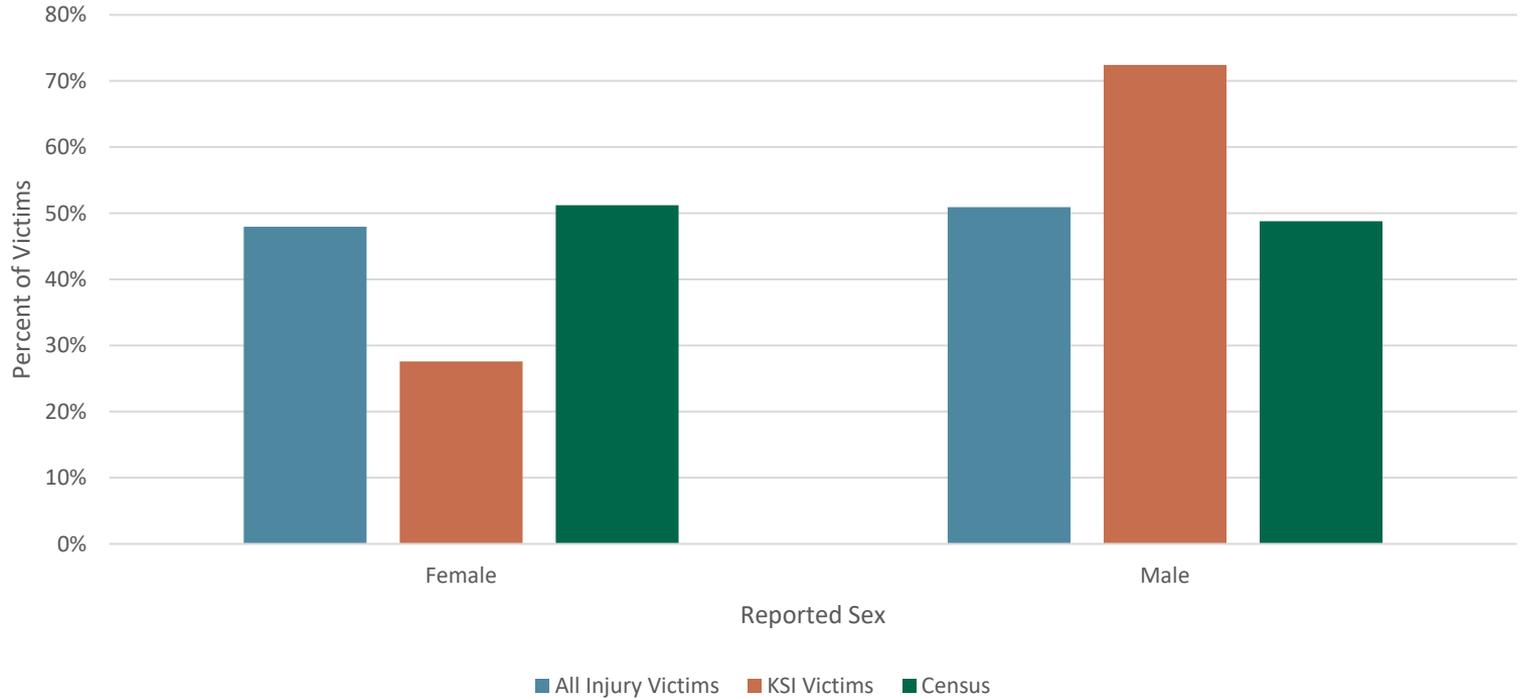


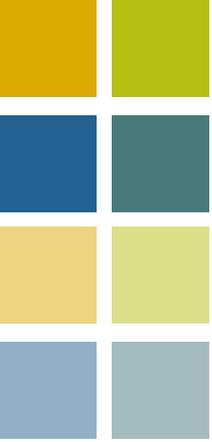
Victim Reported Race



ROAD SAFETY TRENDS: WHO?

Victim Reported Sex

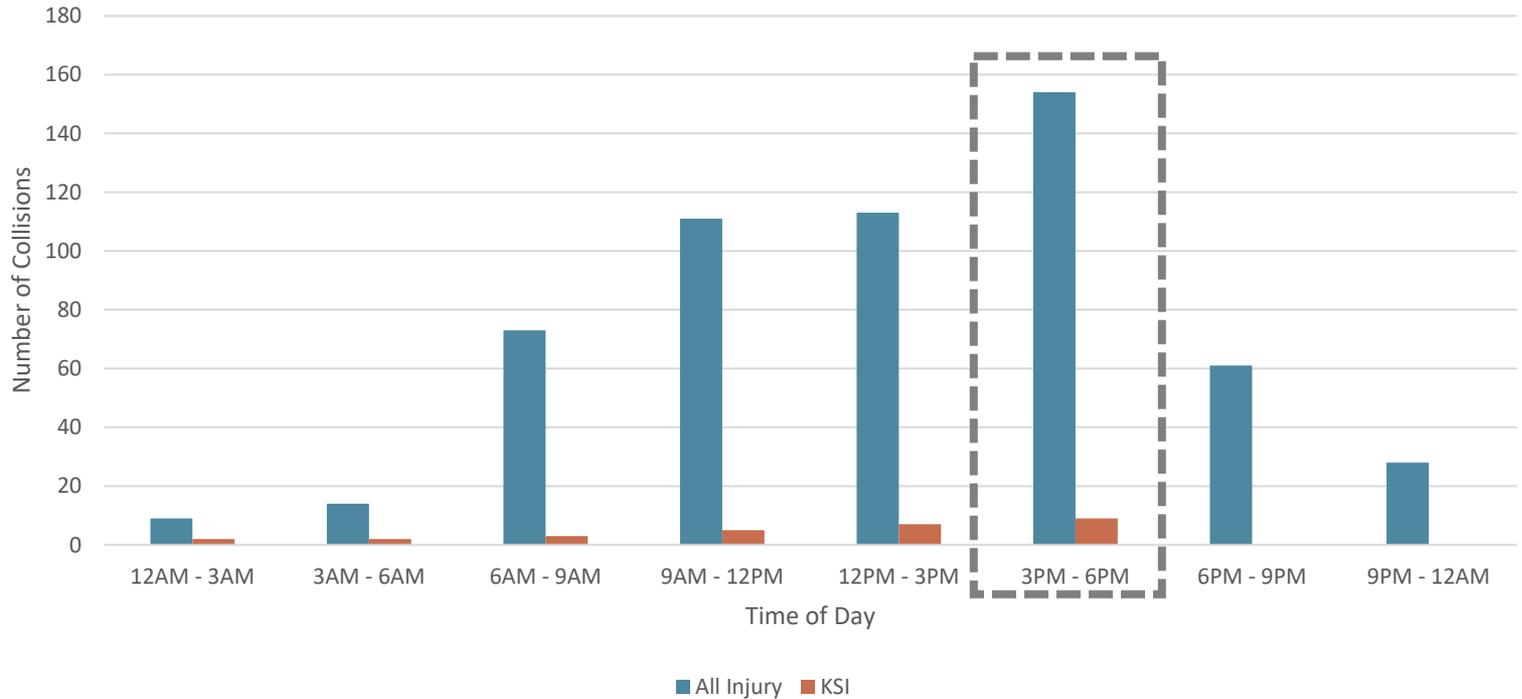




Roadway Safety:
When?

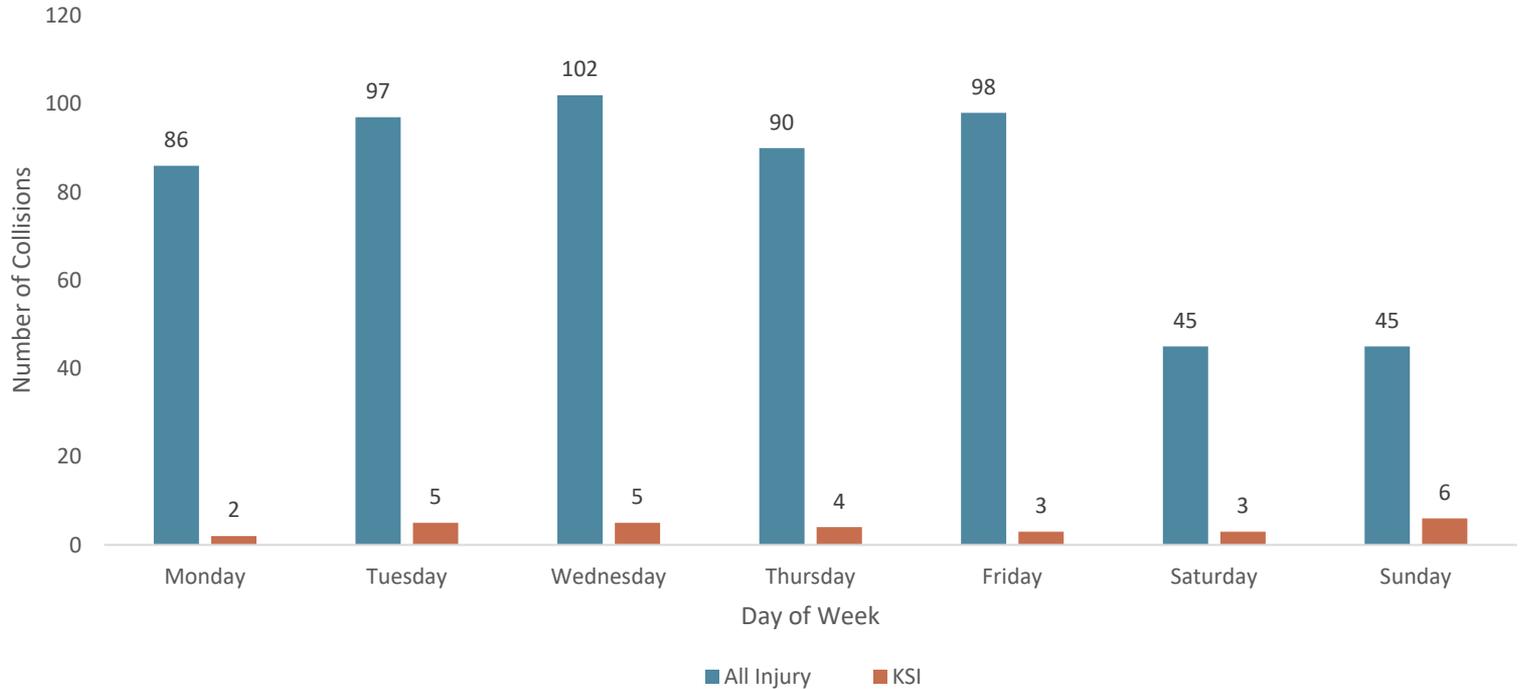
ALL COLLISIONS

Collisions by Time of Day



ROAD SAFETY TRENDS: WHEN?

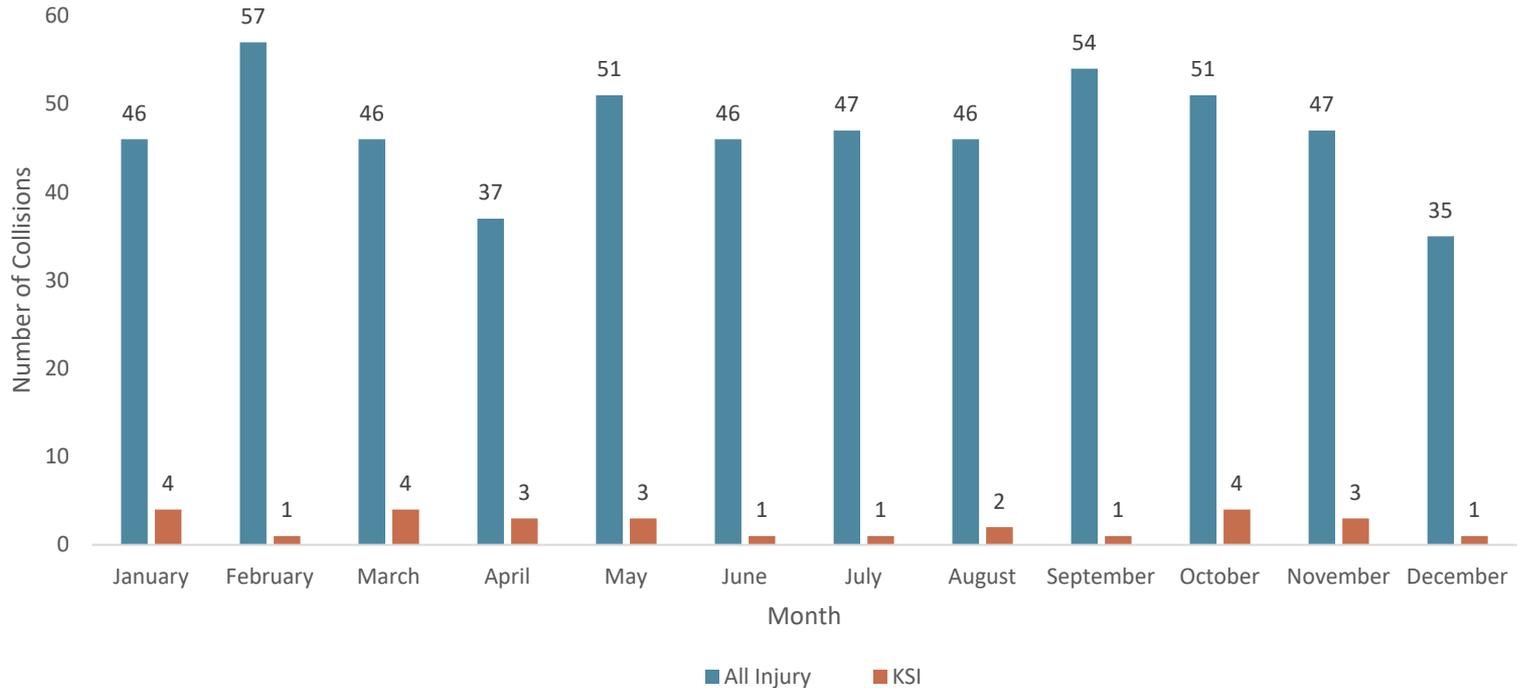
Collisions by Day of Week



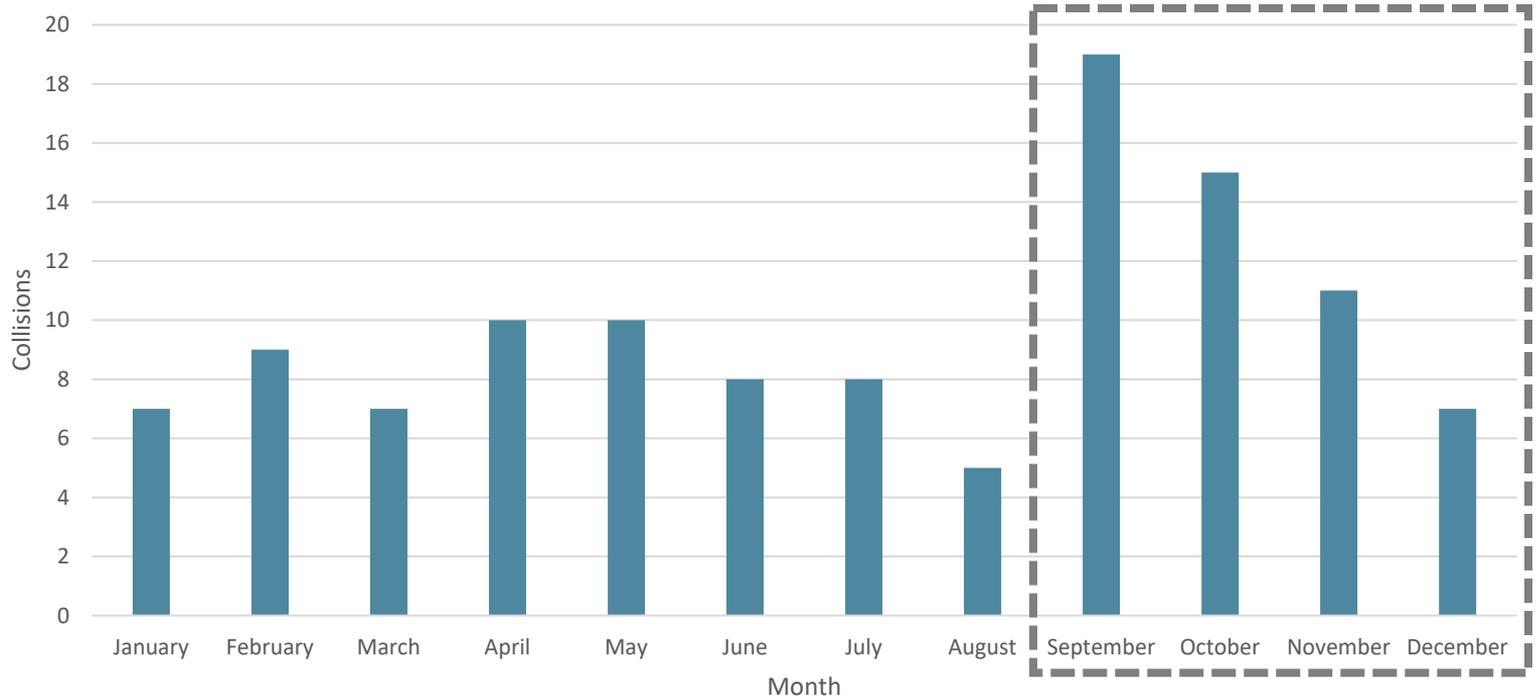
Source: TIMS 2017-2021

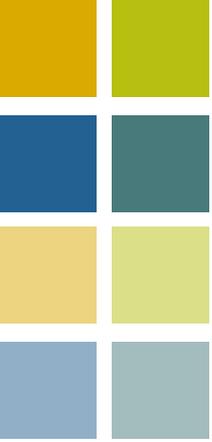
ROAD SAFETY TRENDS: WHEN?

Collisions by Month



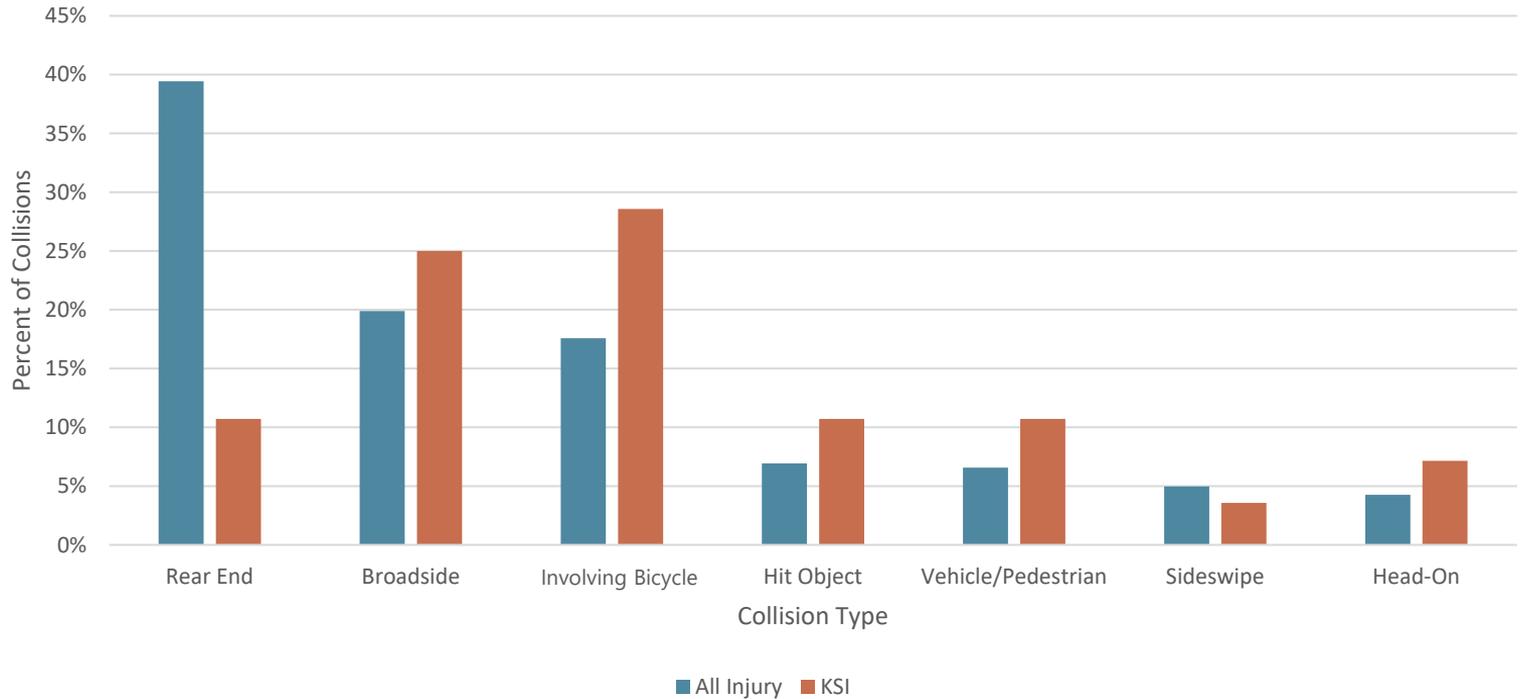
Bicycle Collisions by Month



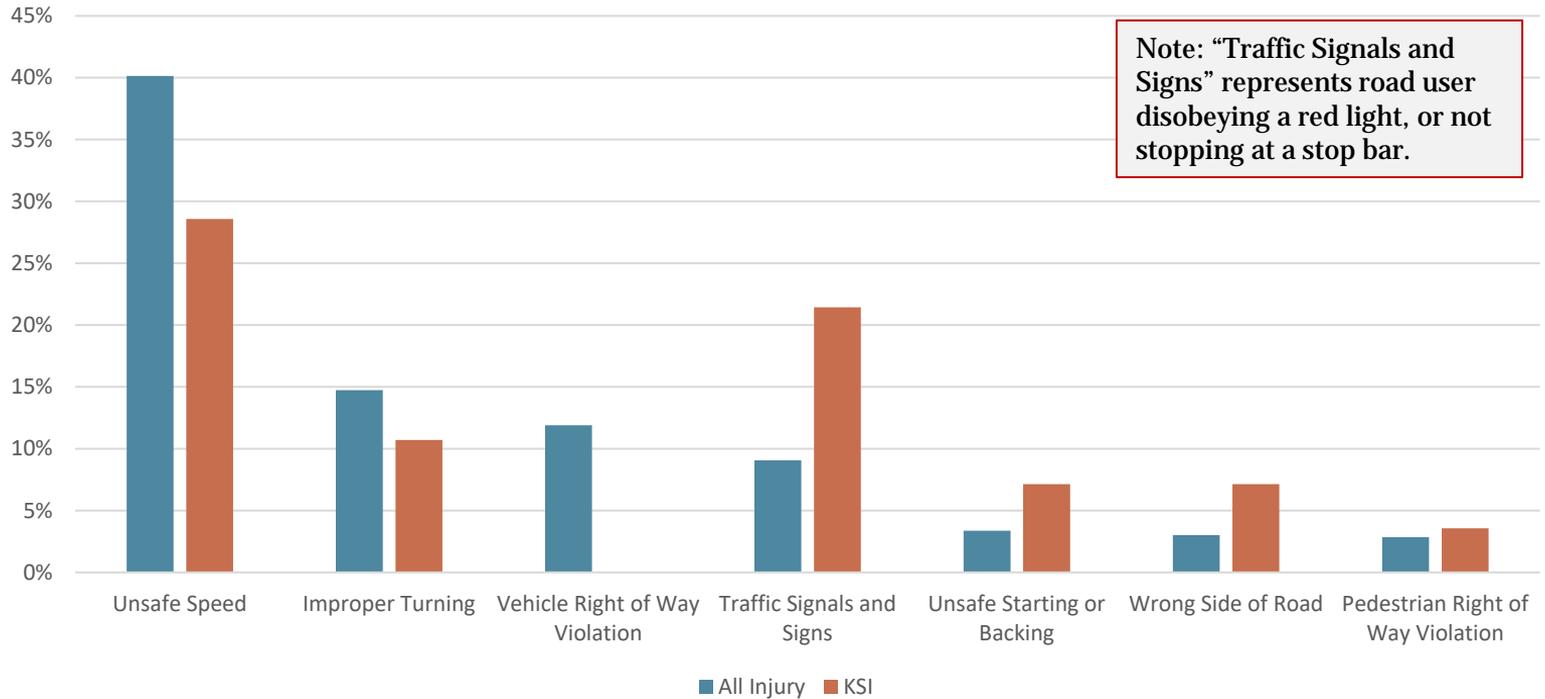


Roadway Safety:
How?

Collision Type by Severity



Primary Collision Factor by Severity



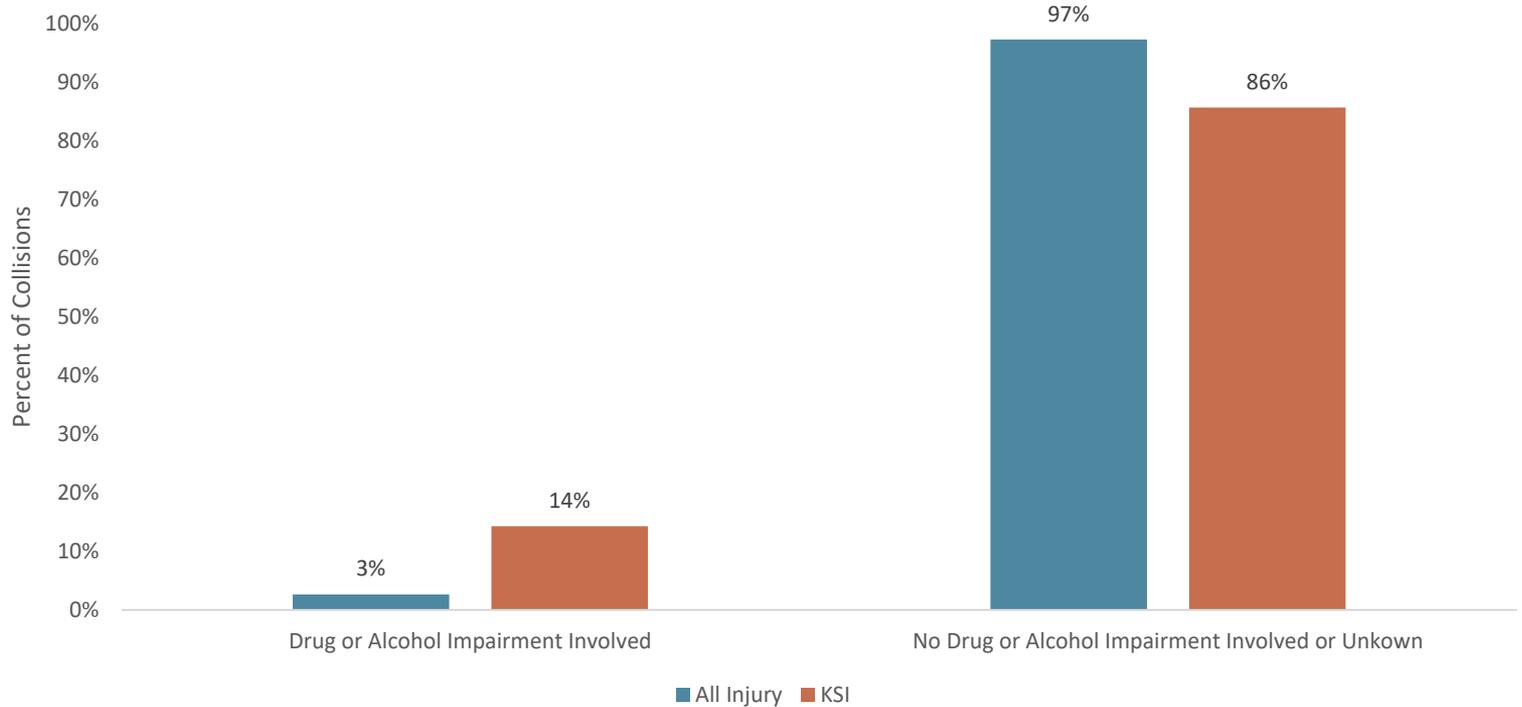
Action Preceding Collisions

Percent of all-injury collisions caused by a vehicle making a turning movement:

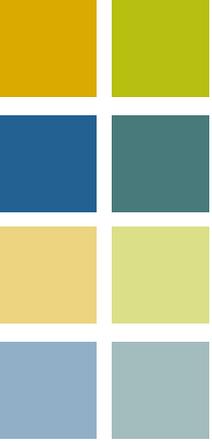
 LEFT TURNS		RIGHT TURNS 
26%		21%
20%		12%
15%		5%

ROAD SAFETY TRENDS: HOW?

Drug or Alcohol Involvement



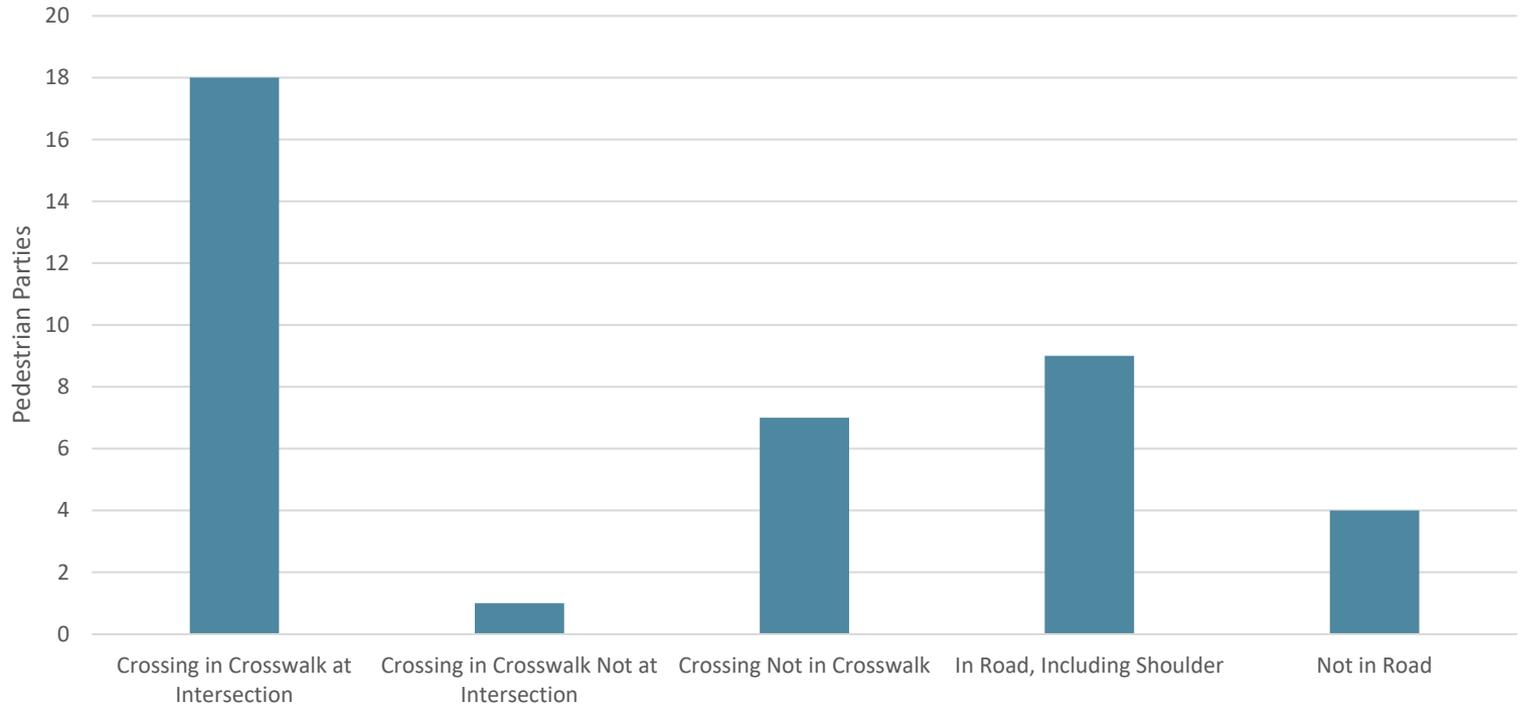
Source: TIMS 2017-2021



Roadway Safety:
Where?

ROAD SAFETY TRENDS: WHERE?

Pedestrian Action Before Collision for All Injury Pedestrian-Involved Collisions



Source: TIMS 2017-2021

Collision Occurring in an Intersection

