



2027-2031

Strategic Highway Safety Plan

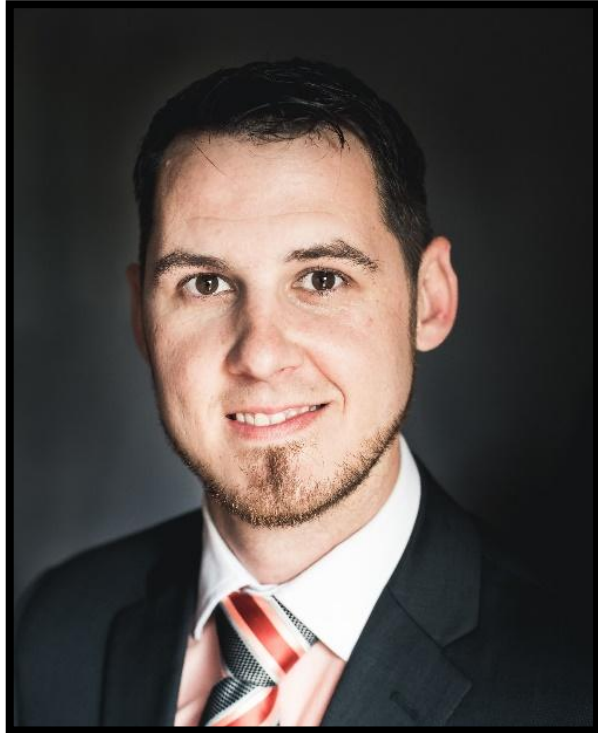
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Good Life. Great Journey.

DEPARTMENT OF TRANSPORTATION



Speaker Introduction



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Today's Roadmap





Why We're Here

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2027-2031
Strategic Highway Safety Plan

SHSP Overview

The Strategic Highway Safety Plan (SHSP) is a statewide plan that uses data to identify the biggest transportation safety issues and outlines strategies to make travel safer.

Nebraska Strategic Highway Safety Plan

September 2022

Guidance 2022-2026



EDUCATION
ENFORCEMENT
ENGINEERING
EMS



Fatal Crashes Involving Alcohol Impairment



How Significant is the Problem?
On Nebraska roadways, there were 341 fatal crashes during 2011-2015 classified as "alcohol-related." These crashes resulted in 367 fatalities, an average of 73 fatalities per year. This accounts for approximately 34% of all traffic fatalities during the five year period.

What is the Nebraska Goal?
Nebraska's goal is to reduce traffic fatalities per 100 million VMT from 1.10 (2011-2015 average fatality rate) to 0.90 fatalities by December 31, 2021. This is expected to save 54 lives annually. To achieve the goal, the annual alcohol-impaired fatalities need to be reduced by 18.

What are the Contributing Factors?

Road and Area Type

- Alcohol-impaired fatalities were primarily in rural areas (258 of 367, 70%) and 80% were outside of Omaha and Lincoln.
- Combining rural and urban roadways, local roads accounted for over half of all alcohol-impaired fatalities (200 of 367, 55%). The road type with the second highest number of fatalities was state-numbered highways with 20% (71 of 367). Six percent (22 of 367) of alcohol-impaired fatalities were on Interstate routes.

Jurisdiction Classification	Rural	Urban
Interstates	4%	2%
U.S. Highways	14%	5%
State Highways	17%	2%
Local Roads	34%	20%
Total by Area Type	69%	29%

Location

- 24% (87 of 367) of alcohol-impaired fatalities occurred at an intersection.

The top five counties contained 37% (136 of 367) of the alcohol-impaired fatalities in Nebraska.

Top 5 Counties	Fatal Crashes	Fatalities
DeWitt	68 (20%)	71 (19%)
Lancaster	28 (8%)	29 (8%)
Scotts Bluff	13 (4%)	13 (4%)
Cass	10 (3%)	12 (3%)
Gage	8 (2%)	11 (3%)

Crash Type

- More than half of alcohol-impaired fatalities were the result of single vehicle run-off-the-road crashes (235 of 367 (64%). Overall, single vehicle crashes accounted for 82% (302 of 367) of alcohol-impaired fatalities. Angle crashes accounted for 8% of fatalities.

Crash Type	Alcohol-Related Fatalities	Total Fatalities
Single Vehicle: Run-off-the-Road	235 (64%)	465 (43%)
Single Vehicle: Other	37 (10%)	115 (11%)
Rear End and Sideswipe (Same)	25 (7%)	96 (9%)
Head-On and Sideswipe (Opposite)	34 (9%)	159 (15%)
Angle	30 (8%)	201 (19%)
Left-Turn (Leaving)	6 (2%)	39 (4%)

- A majority of alcohol-impaired run-off-the-road fatalities were overturned vehicles.

Run-off the Road Crashes	Fatalities	Percentage
Overturned	122	52%
Tree	42	18%
Utility Pole	14	6%
Fence	11	5%
Ditch	10	4%
Other	36	15%
Total	235	

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SHSP Purpose

Identify

Challenges

Prioritize

Strategies

Coordinate

Stakeholders

Guide

Implementation

Measure

Progress

1

**Why
We're Here**

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**What
We Know**

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**Where
We Want to Go**

4

**How We'll
Get There**

5

**Where
You Come In**



SHSP Goals

Reduce
Fatalities

Reduce
Serious
Injury

Support All
Road Users

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Who is a vulnerable road user?

- Anyone who walks, bikes, or rolls on or across Nebraska roads



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VRU Assessment Goals



- **Identify** contributing factors that lead to VRU crashes
- **Develop** strategies that, when implemented, make progress towards our goal of eliminating fatal and serious injury crashes for VRUs
- **Integrate** assessment into the SHSP



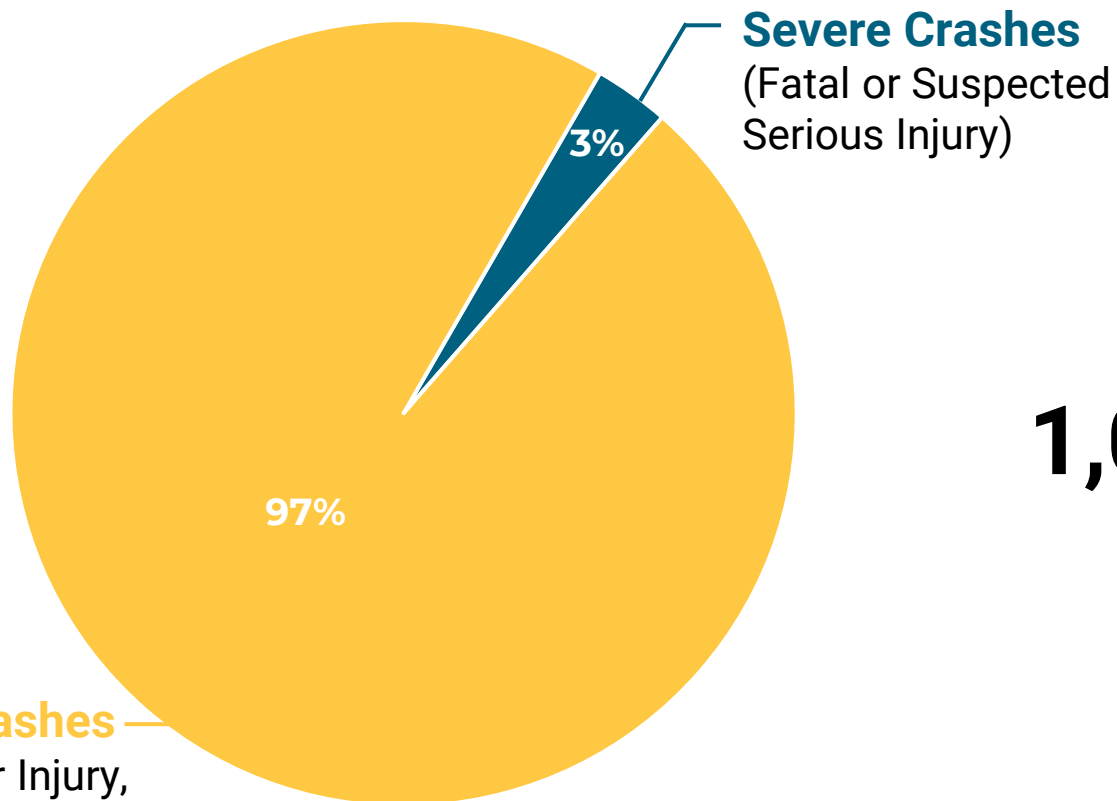


What We Know



All Crashes

2021-2025



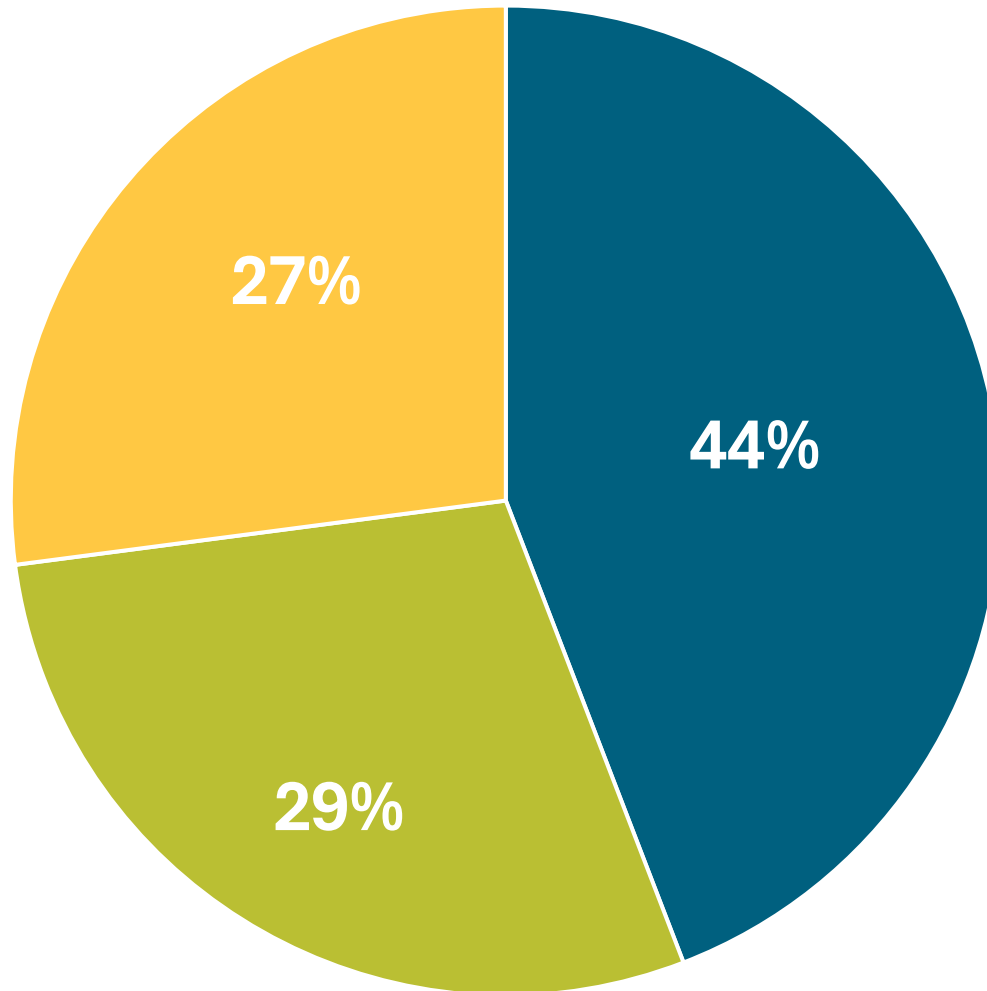
1,073 Fatal Crashes

Non-Severe Crashes
(Suspected Minor Injury,
Possible Injury, or Property
Damage Only)

Severe Crashes
(Fatal or Suspected
Serious Injury)



Fatal Crashes- Seat Belt Used?

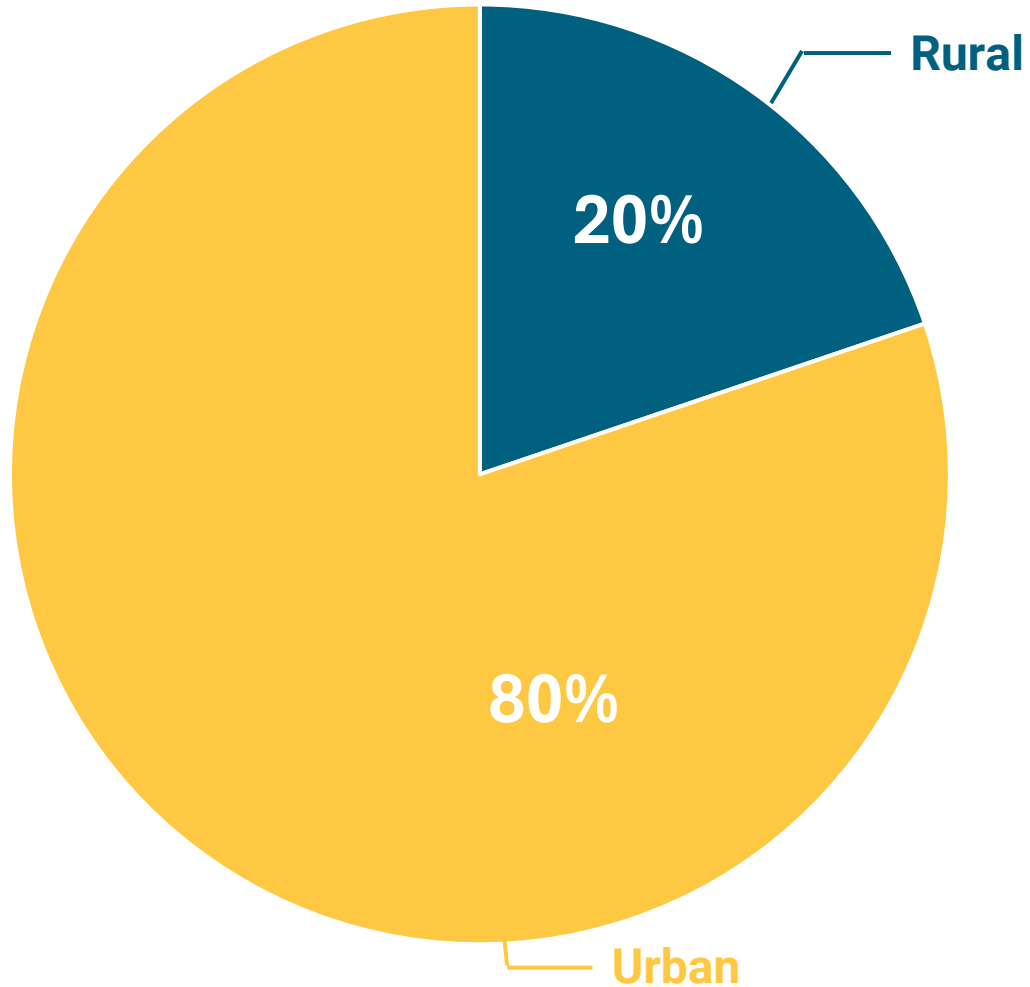


-  No
-  Yes
-  Not Reported/Unknown

2021-2025



Crash Location – Urban Roadways vs Rural Roadways



2021-2025

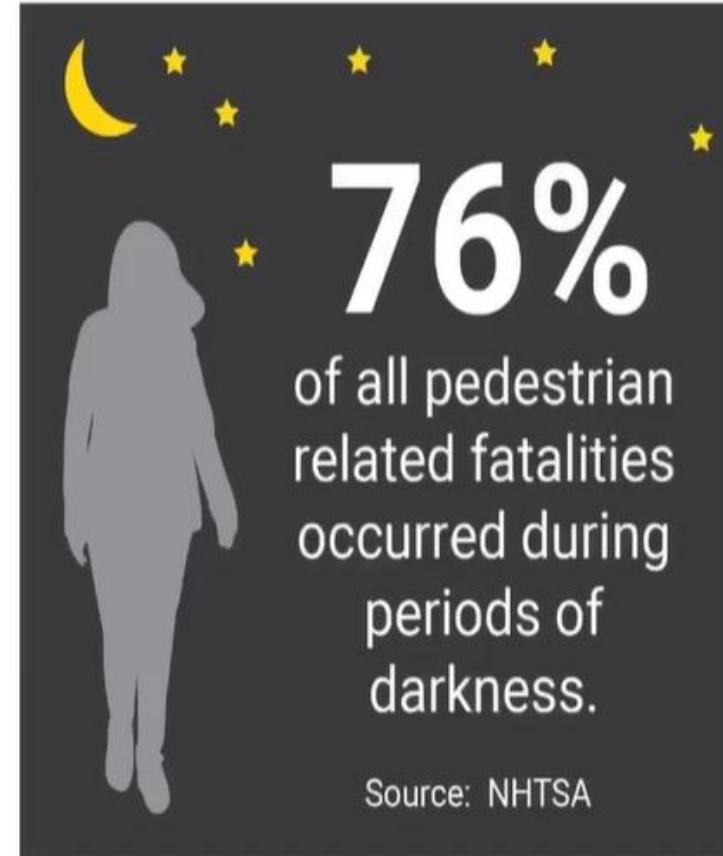




Crashes by Time of Day

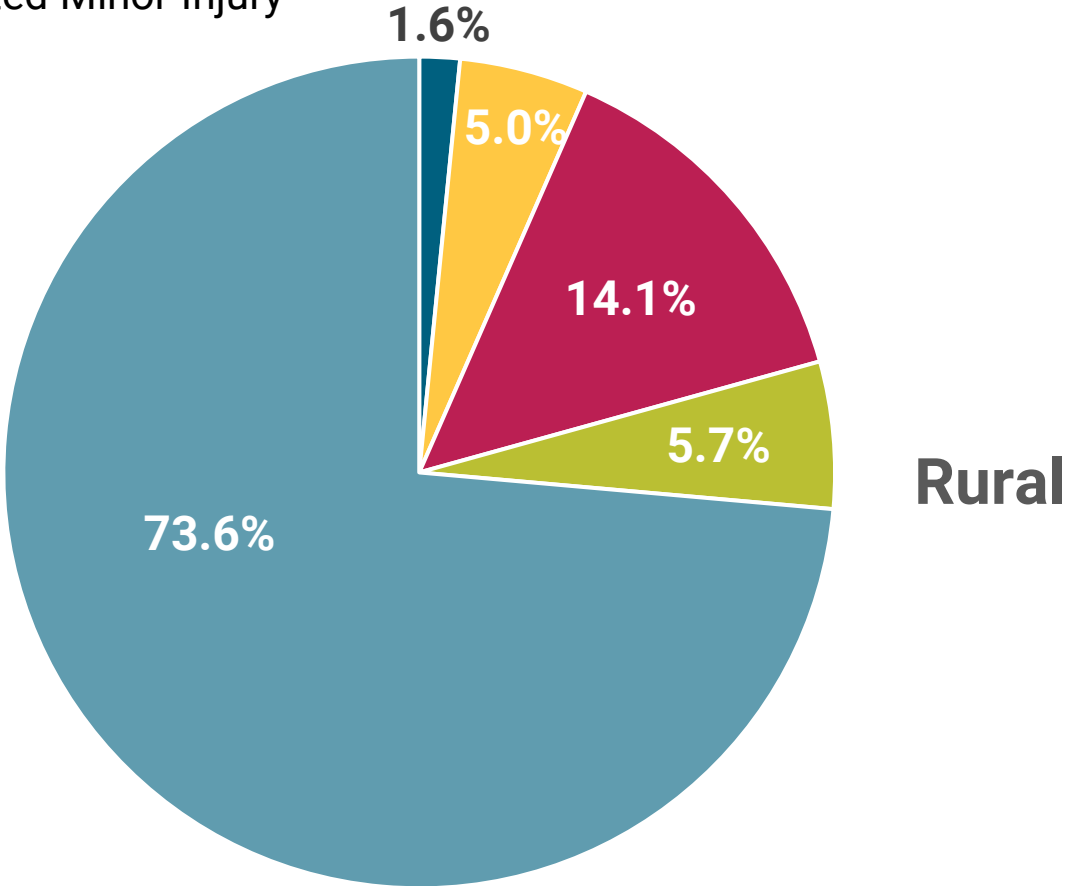
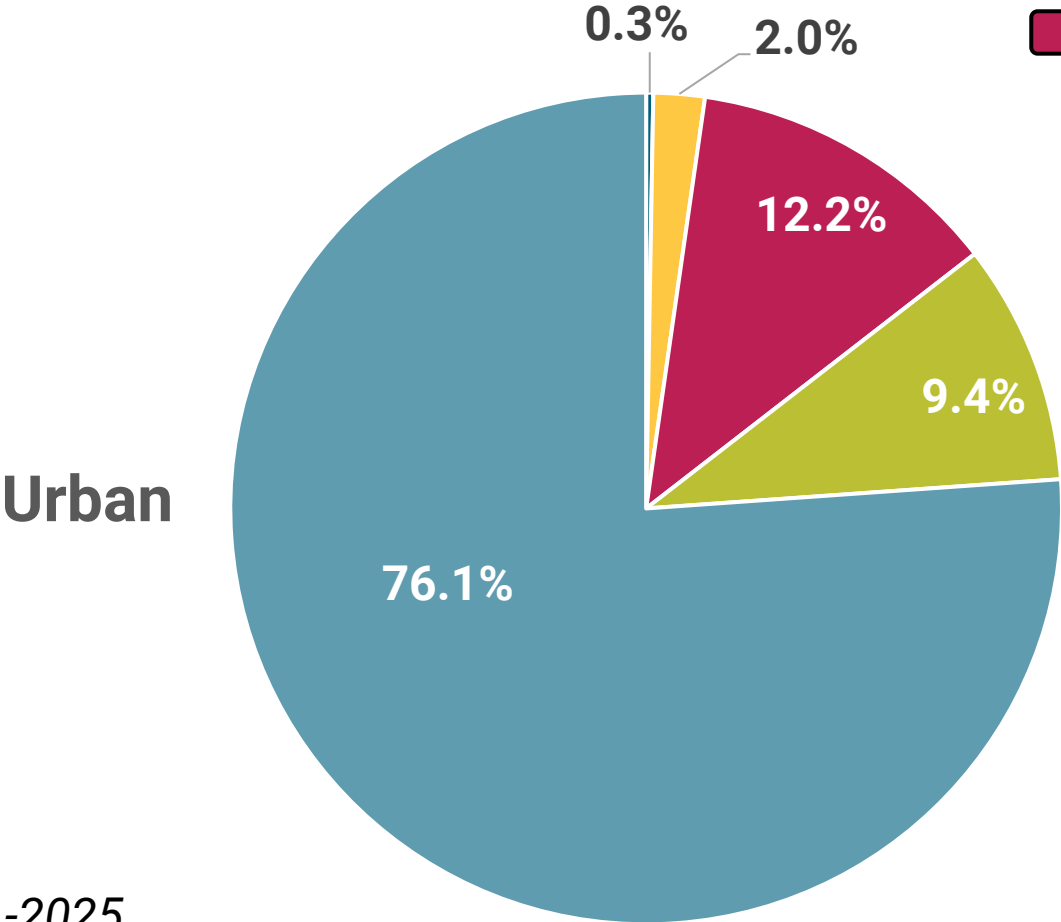


Source:
National Highway Traffic Safety Administration



Crash Severity

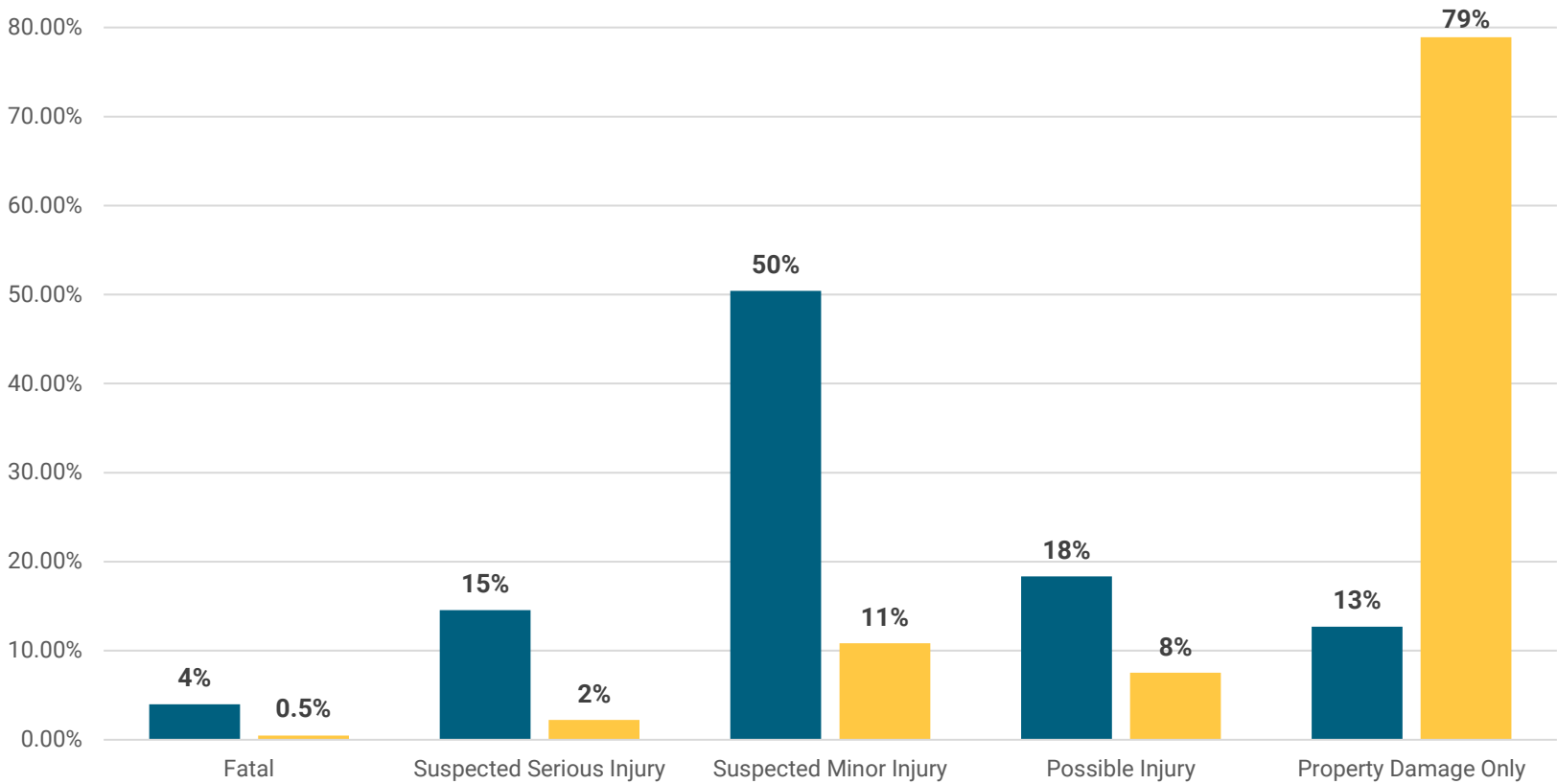
- Fatal
- Suspected Serious Injury
- Suspected Minor Injury
- Possible Injury
- Property Damage Only



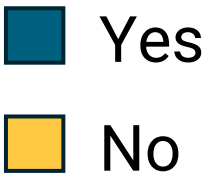
2021-2025



Crash Severity



Vulnerable Road User Involved?



2021-2025



Current Critical Emphasis Areas



Seatbelts/Child Restraints



Roadway/Lane Departures



Alcohol/Drug-Impaired Driving



Intersections



Young Drivers



Older Drivers



Non-Motorists (Pedestrians/Bicyclists)

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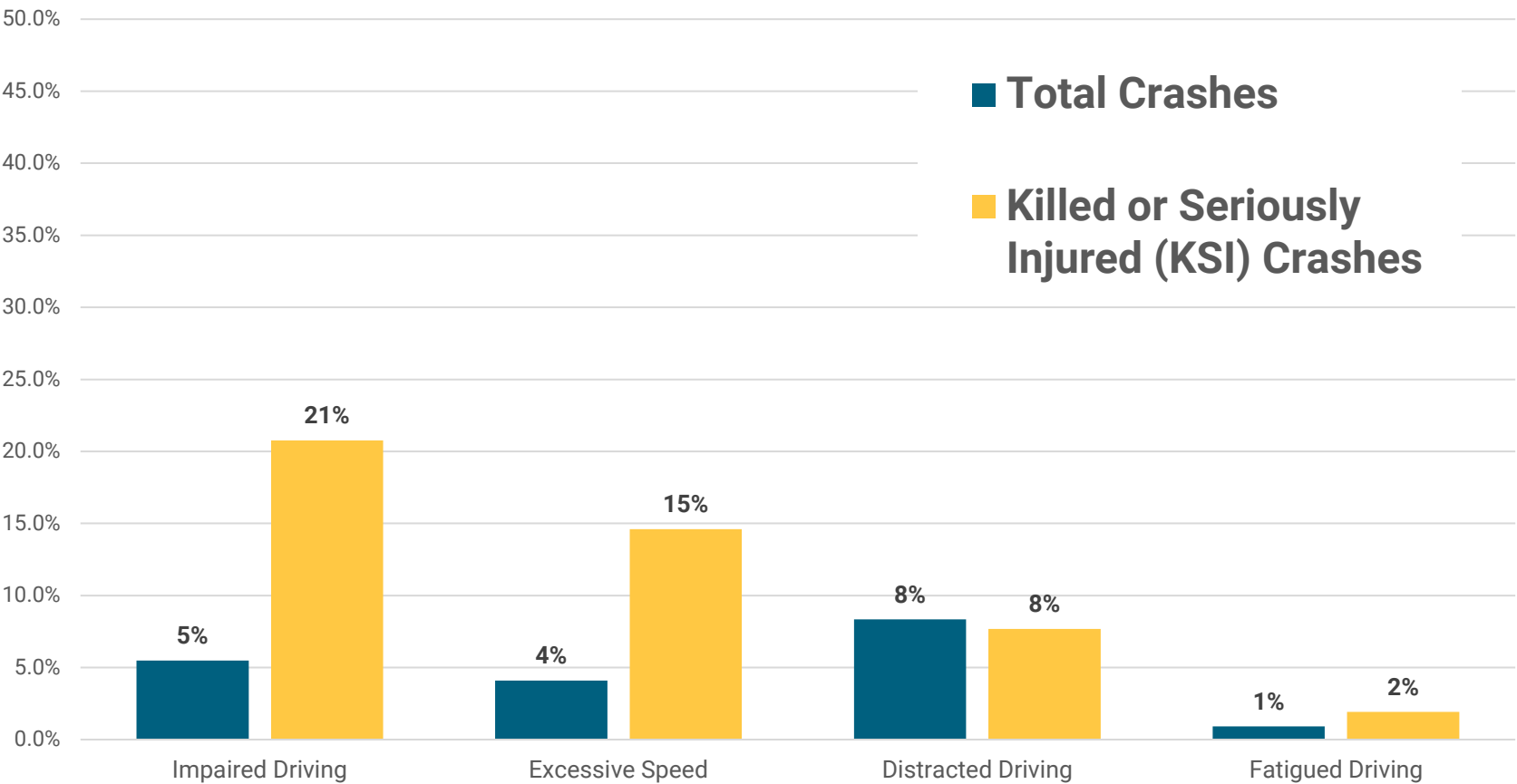
Additional Candidate Critical Emphasis Areas

- Distracted Driving
- Motorcycles
- Commercial Motor Vehicles
- Speed Related
- Work Zones
- Fatigued Drivers
- Animals/Wildlife
- ATVs/ROVs
- Highway-Rail Crossings
- Farm Equipment
- School Buses

- Crashes under Dark Light Conditions
- Crashes under Dark Not Lighted Conditions
- Secondary Crashes
- Rural Roadways
- County-owned Roadways
- Head-On Crashes
- Single Vehicle Crashes (w/o Non-Motorist Involvement)
- Overturn/Rollover Crashes
- Fixed Object Crashes
- Crashes at Intersection w/ Partial Stop Control
- Crashes at Rural Intersections w/ Partial Stop Control



Driver Behavior

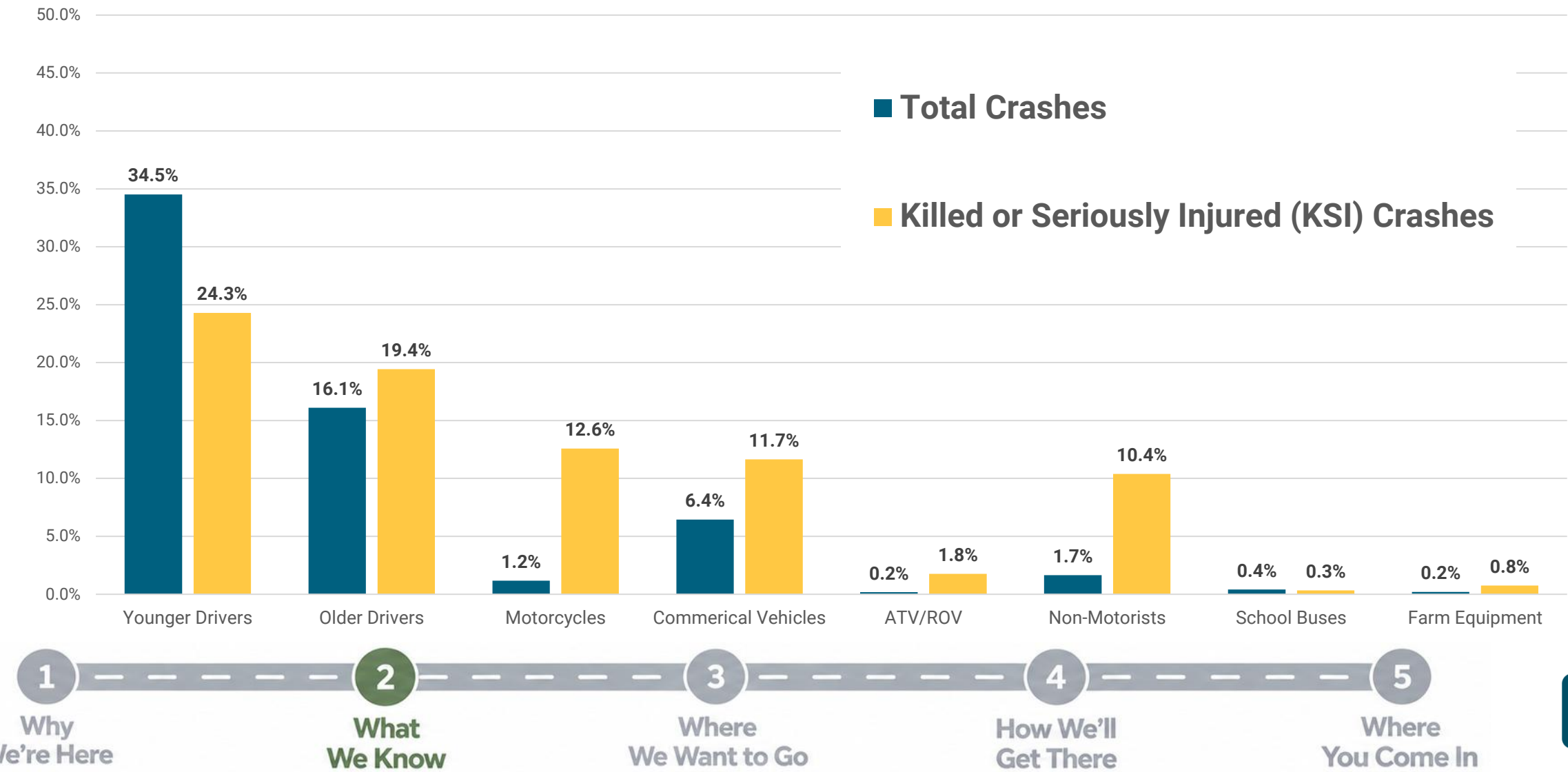


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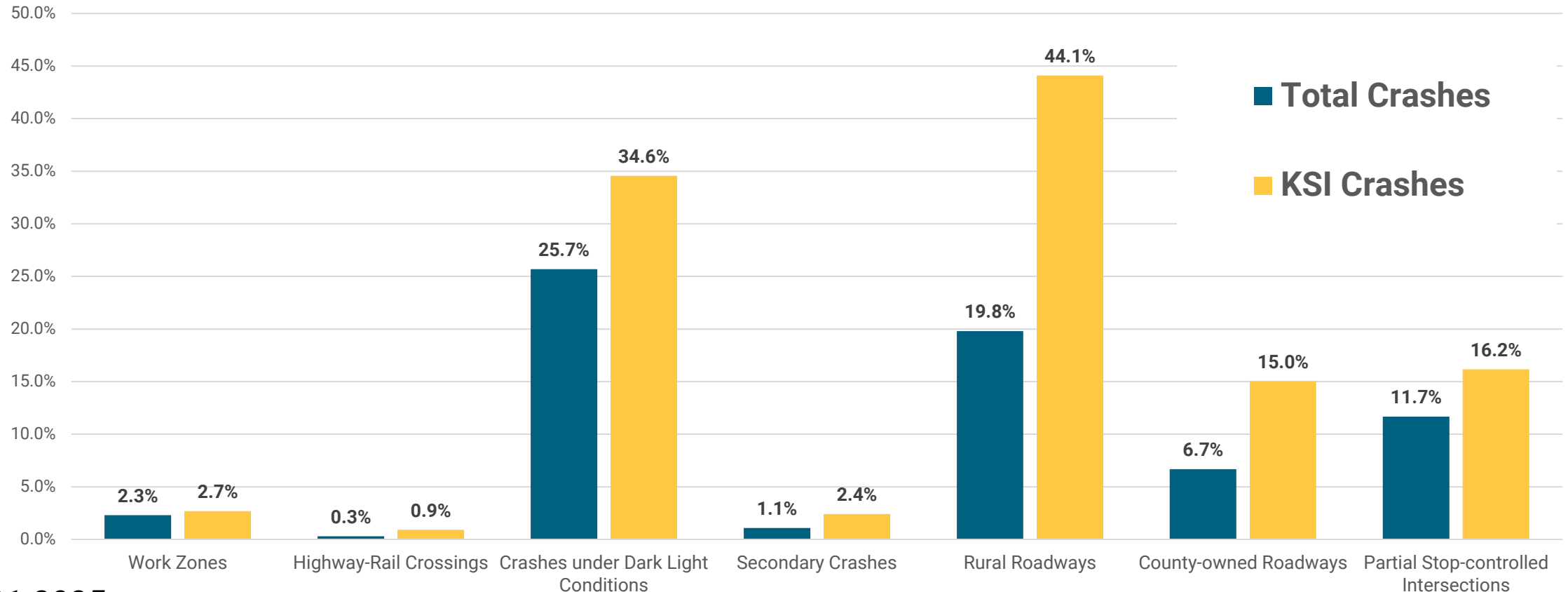


Road Users

2021-2025



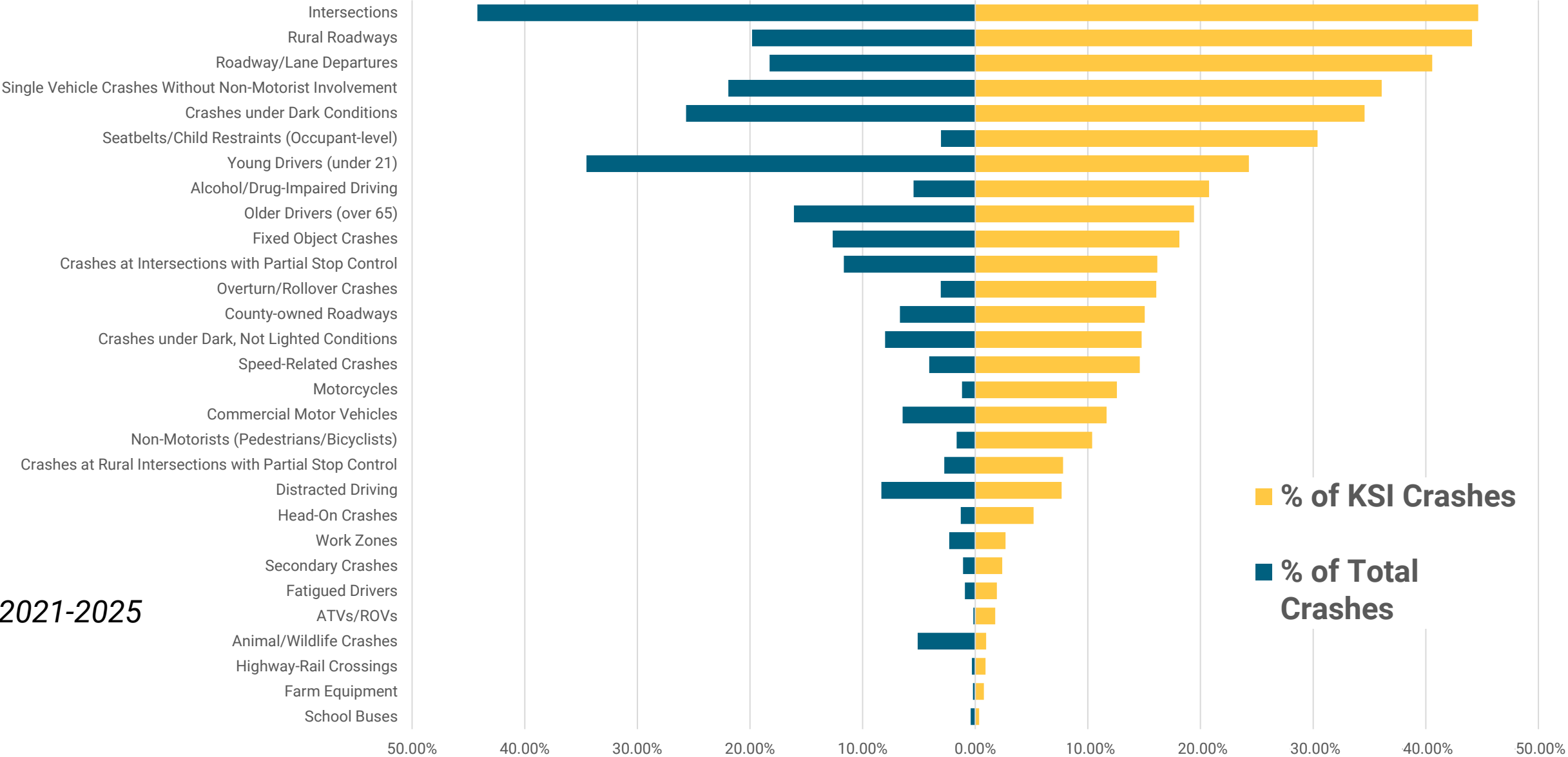
Locations and Contributing Factors



2021-2025

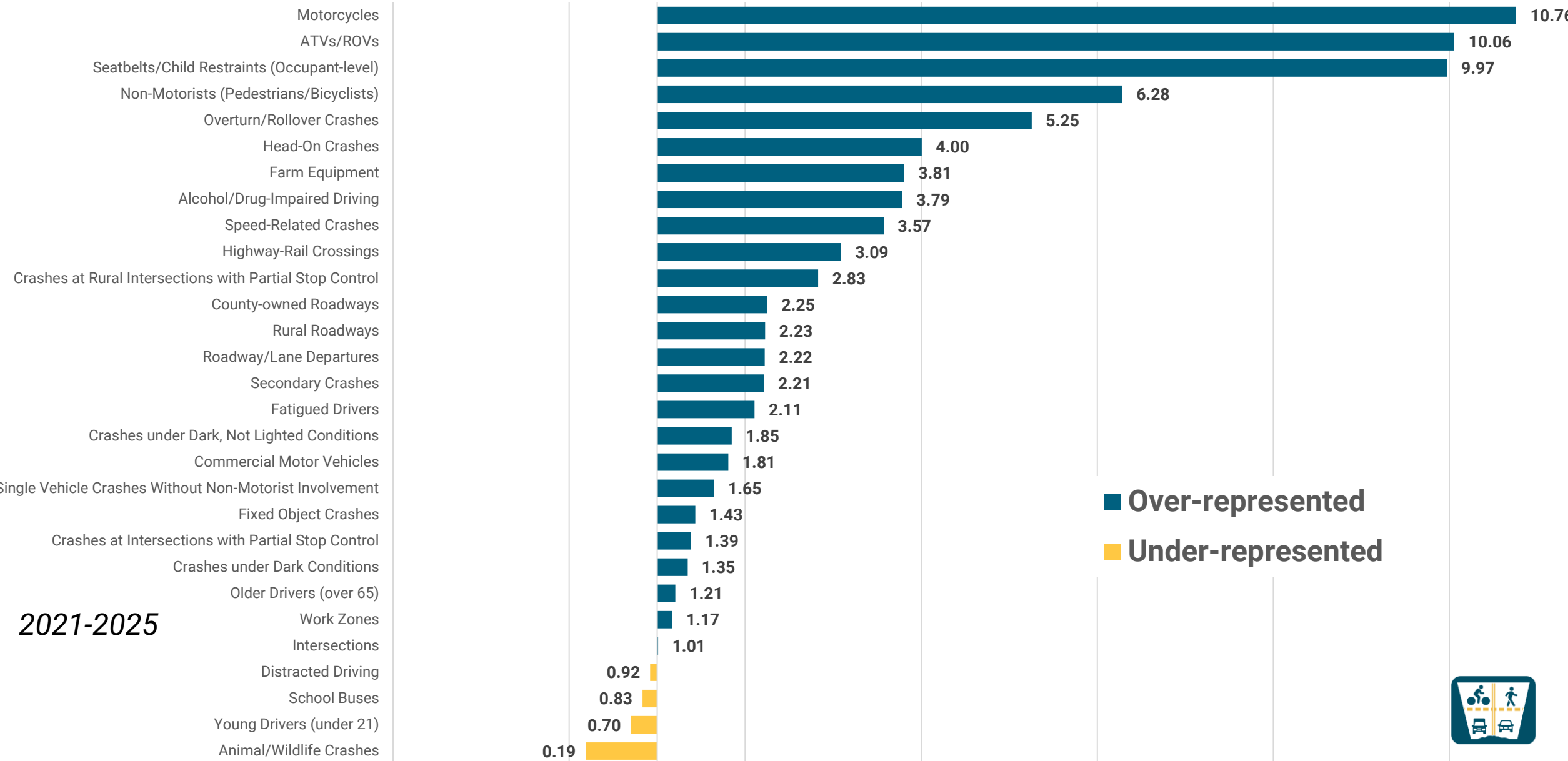


Total Crashes by Candidate CEAs

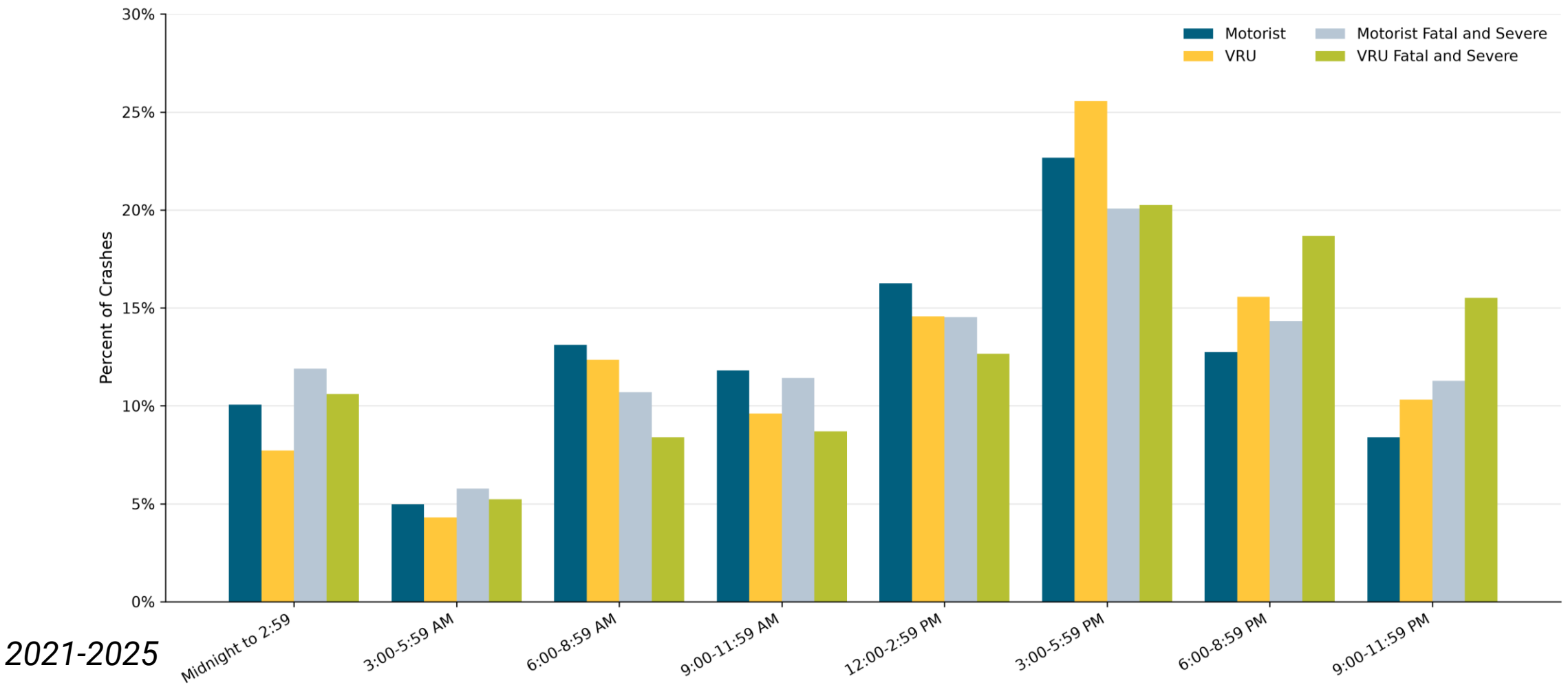


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KSI Over-representation Ratios by Candidate CEAs



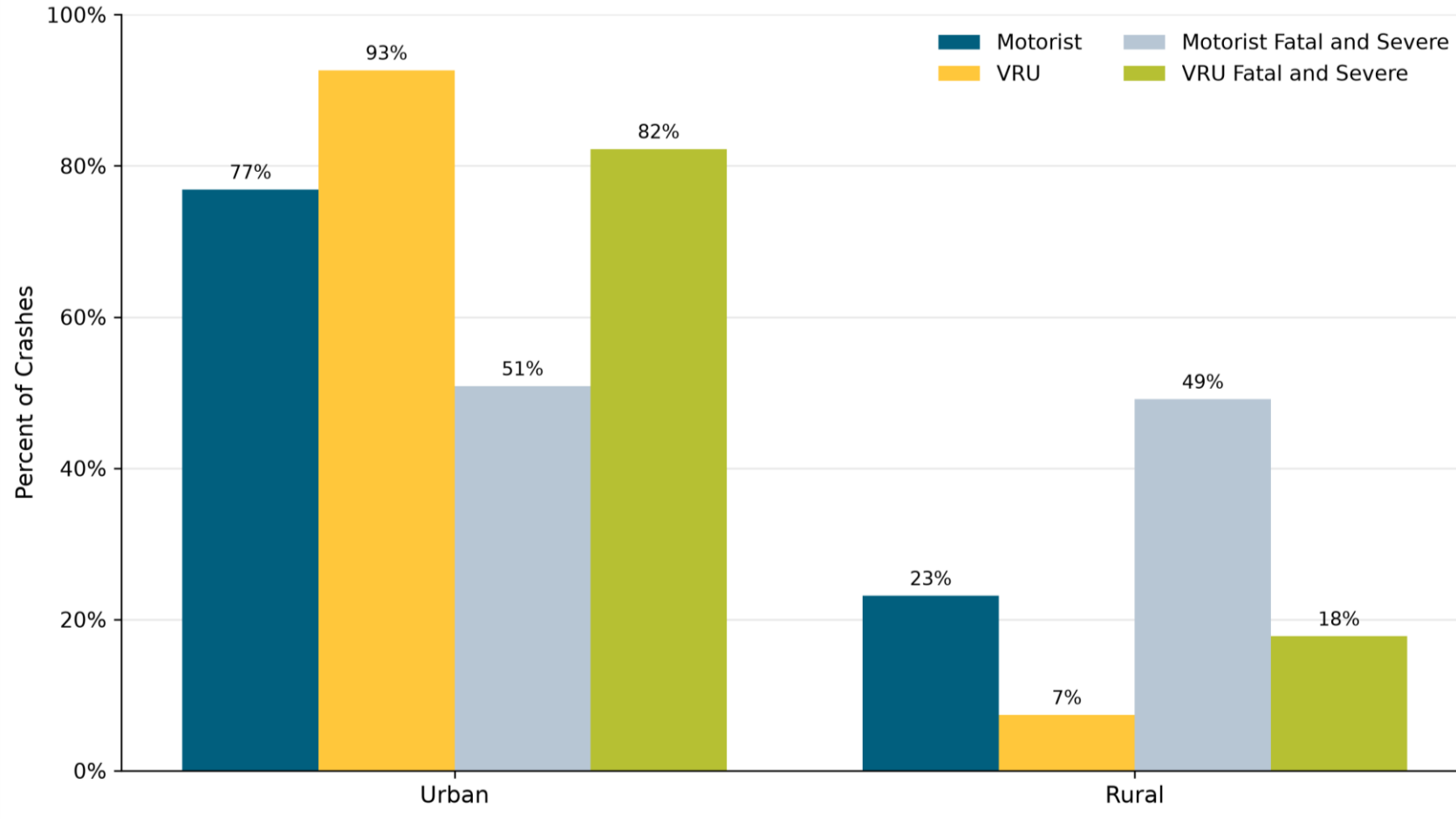
VRU Crashes by Time of Day



2021-2025



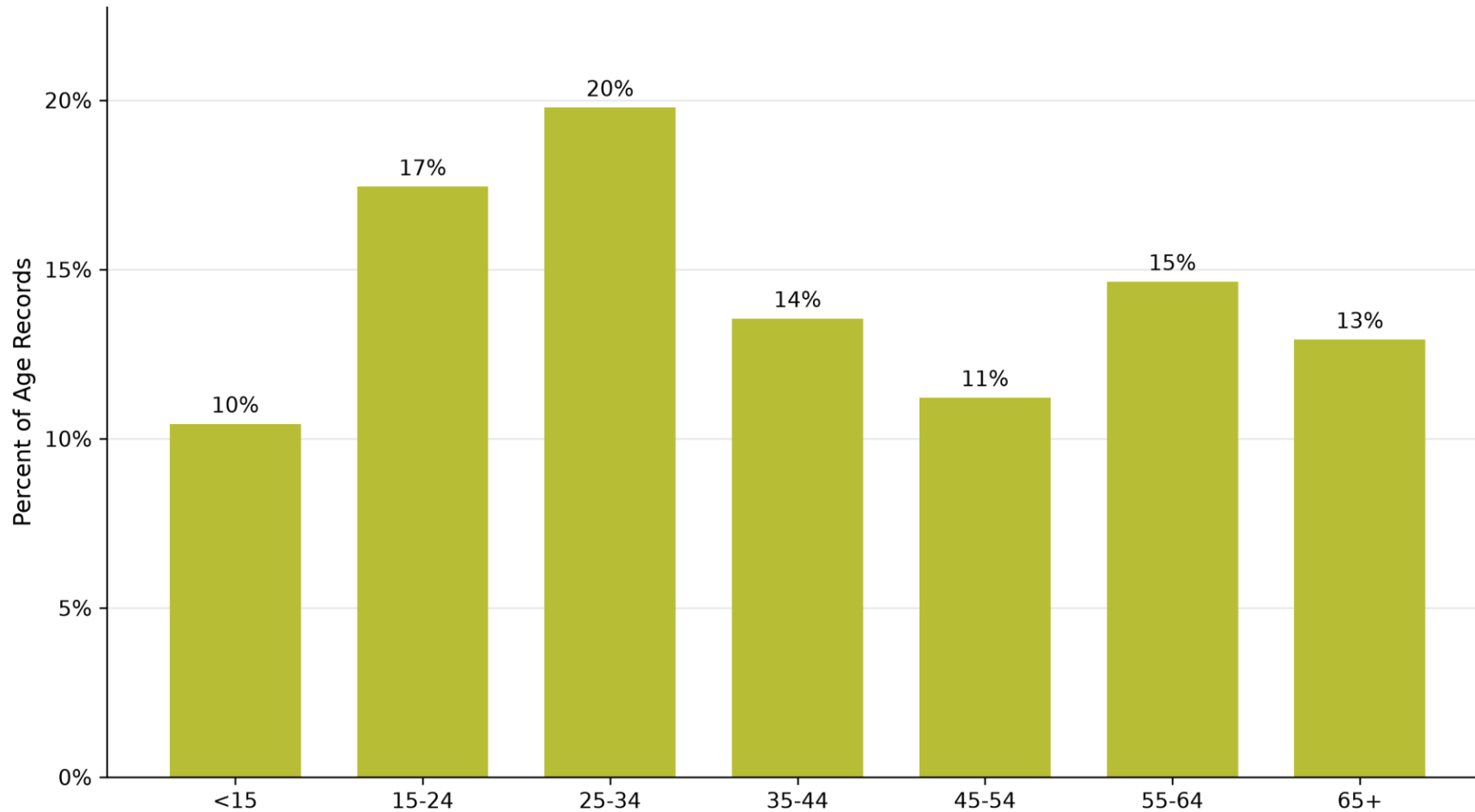
VRU Crashes by Area Type



2021-2025



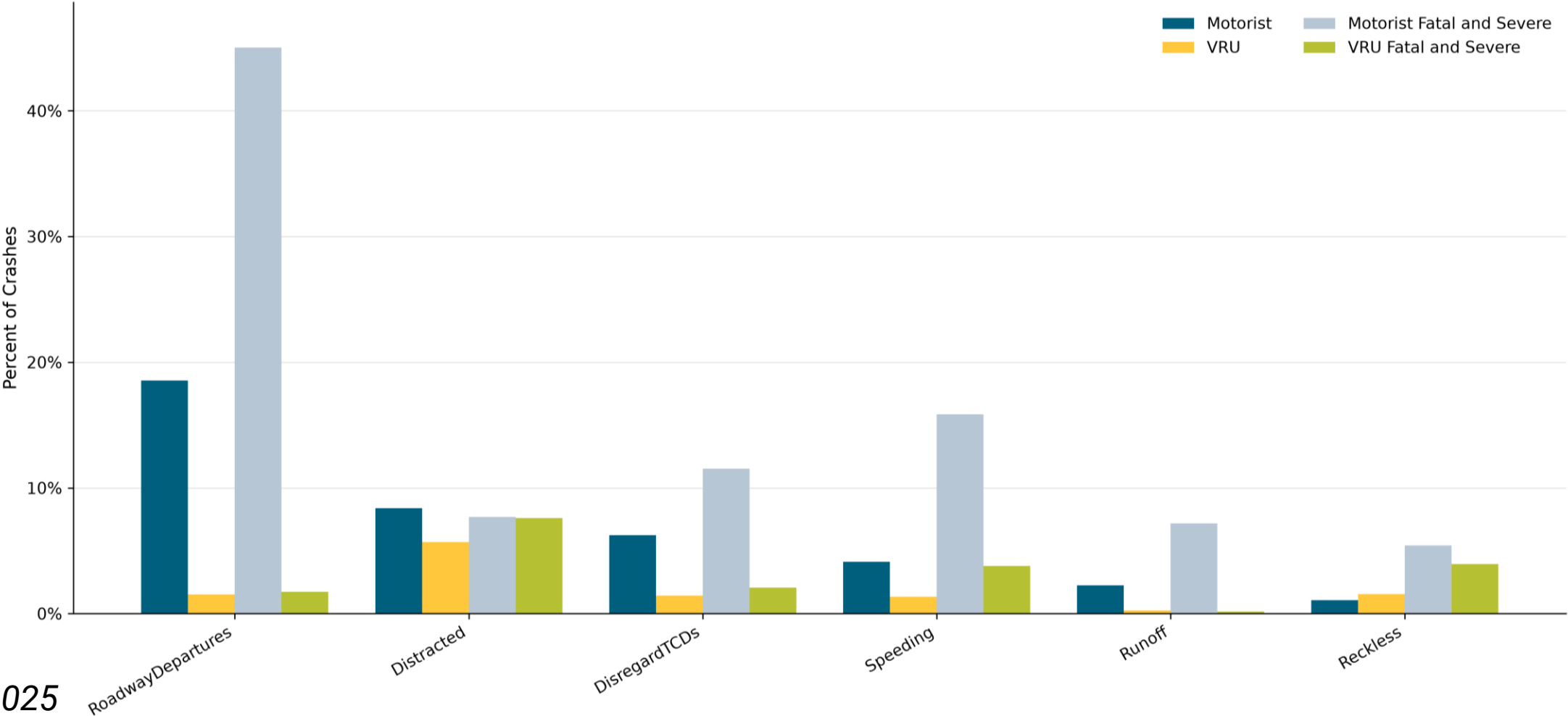
VRU Crashes by Age



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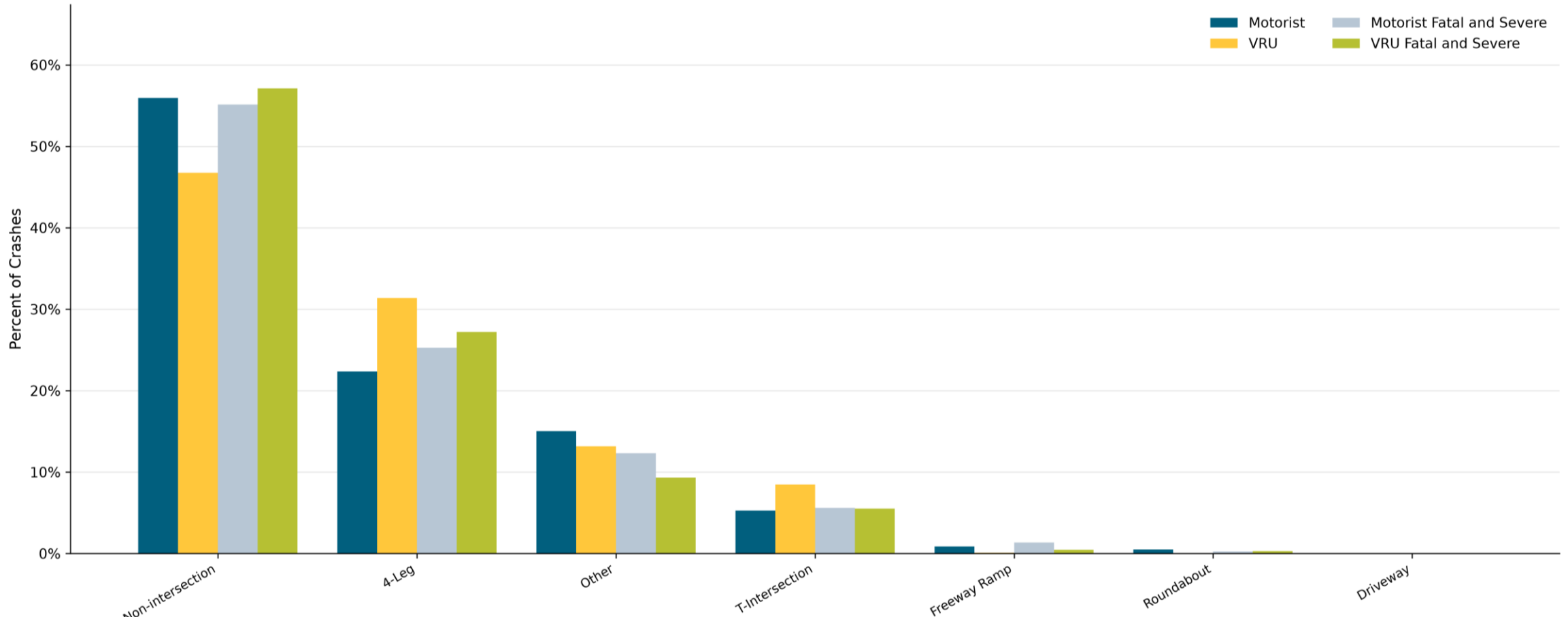
VRU Crashes by Contributing Factor



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VRU Crashes by Location



2021-2025





Where We Want to Go



Zero

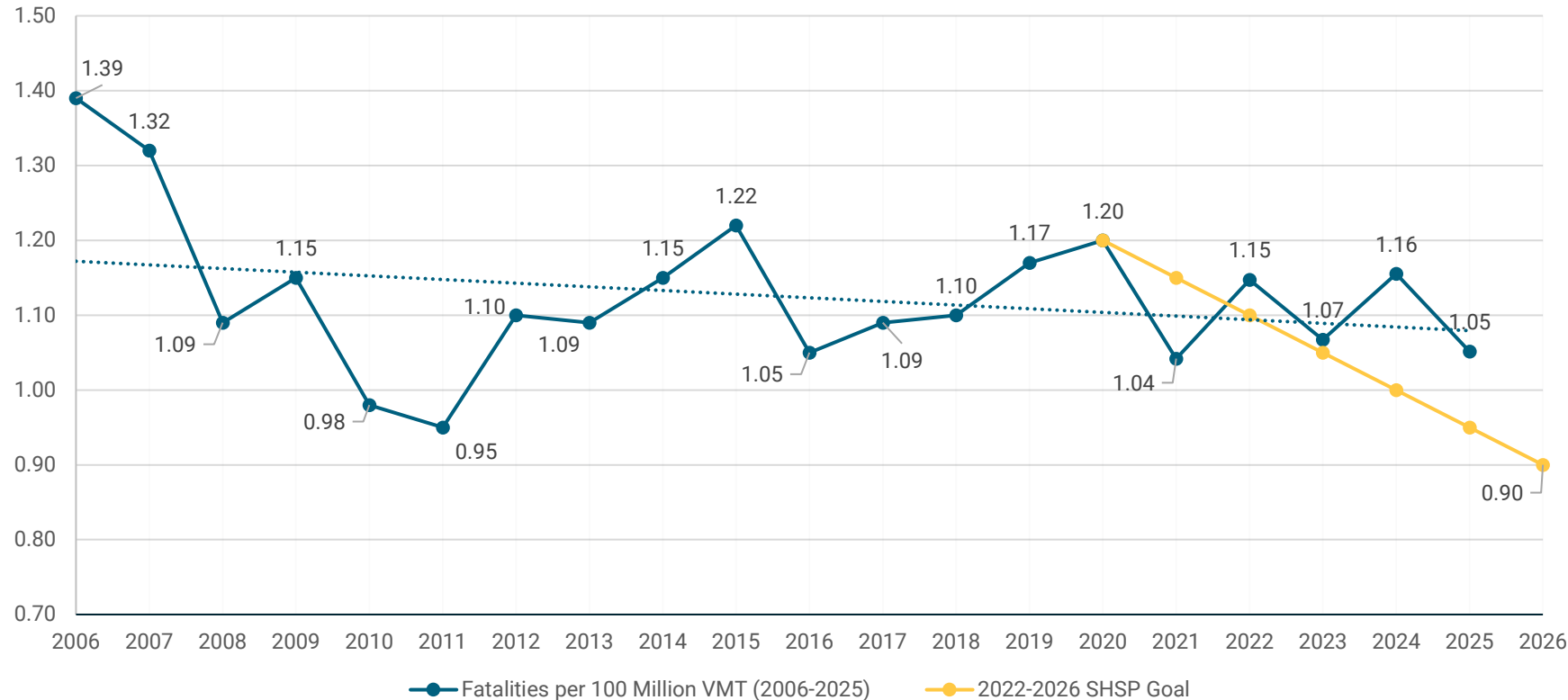
SHARED RESPONSIBILITY. SHARED GOAL.

Working together toward **zero** fatalities on Nebraska roadways



Nebraska Fatality Rate

Fatalities per 100 Million Vehicle-Miles Traveled



We still
have work
to do!





How We'll Get There

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Strategic Highway Safety Plan

SHSP Timeline

- July 2026 - SHSP Started
- Today - Stakeholder Workshop
- October 13th to 27th – Public Survey
- December 2026- SHSP Completed



Applying a Safe System Approach



Applying a Safe System Approach



**Plan for
Mistakes**



Reduce Harm



Be Proactive



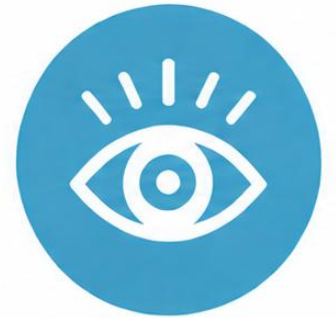
Build Options



**Work
Together**



**Create
Separation**



**Help People See
and Be Seen**





Where You Come In

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2027-2031

Strategic Highway Safety Plan

Tell us...



What are we missing?



What concerns you most about Nebraska Roadways?



What would make you feel safer?



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Let us know!

- Visit with Staff
- Complete the Survey
- Share the Survey
- Open October 13th to October 27th



More Information



[NDOT.INFO/SHSP](https://ndot.info/shsp)



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Thank you

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