

— SHOW - ME —
ZERO



Driving Missouri Toward Safer Roads

**2022 STATEWIDE PLANNING
PARTNER MEETING**

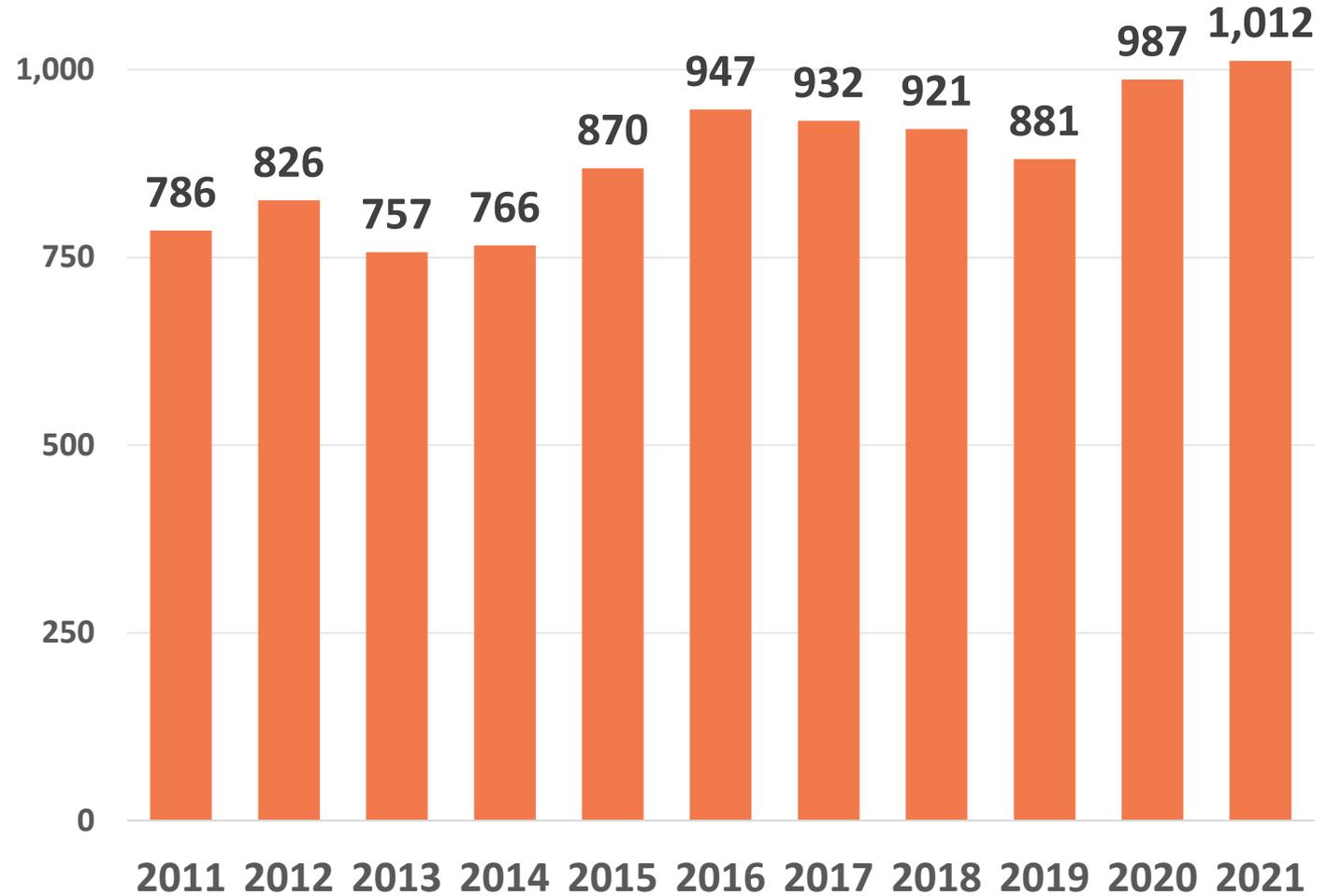
Nicole Hood

8,885

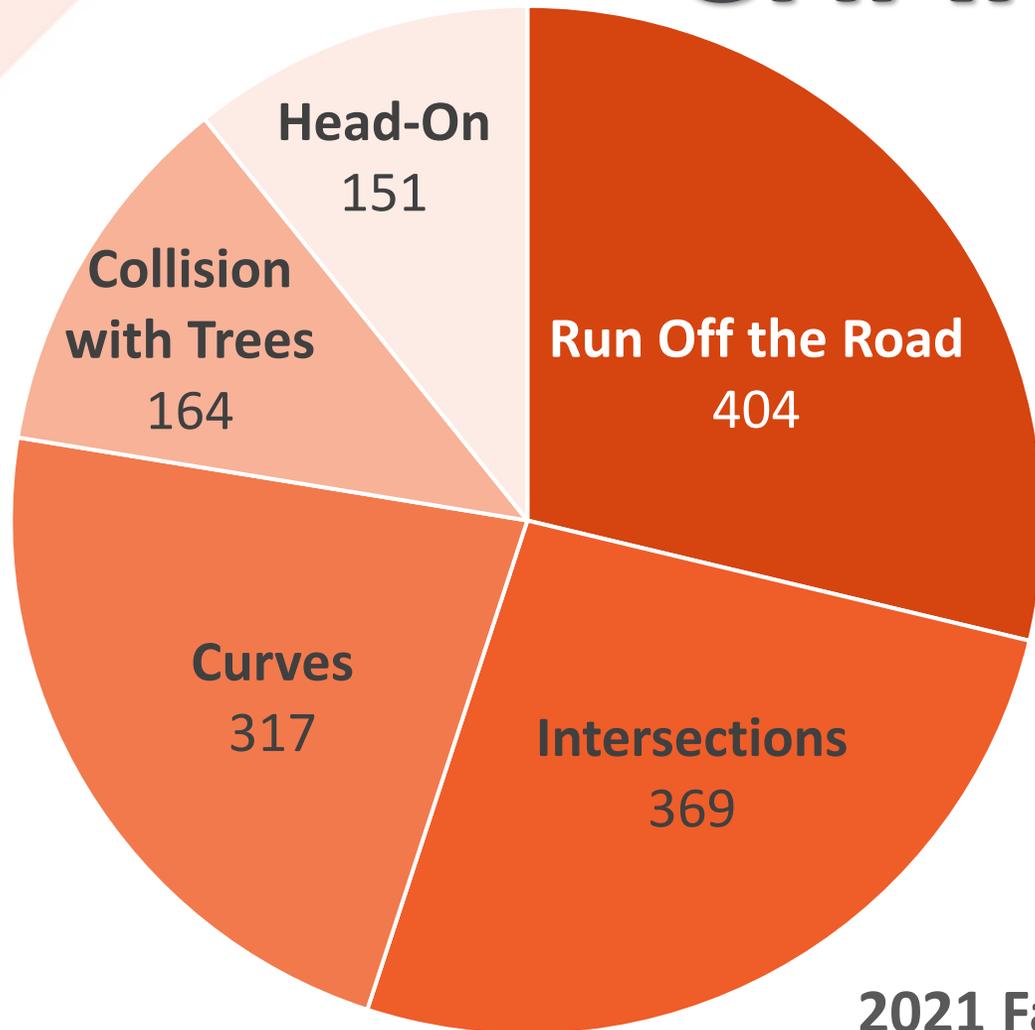
LIVES LOST IN 10 YEARS



MISSOURI TRAFFIC FATALITIES



TOP CRASH CHARACTERISTICS



- Lane Departure
 - Over 75% of fatalities
- Intersections
 - 37% of fatalities

2021 Fatalities (*preliminary*)



THE STATE OF SAFETY IN MISSOURI

Stubborn Contributors to Traffic Crashes:

- Speed
- Distracted Driving
- Impairment
- Lack of Seat Belt Use

Human behavior plays the biggest role in crashes.

The majority of crashes are preventable.

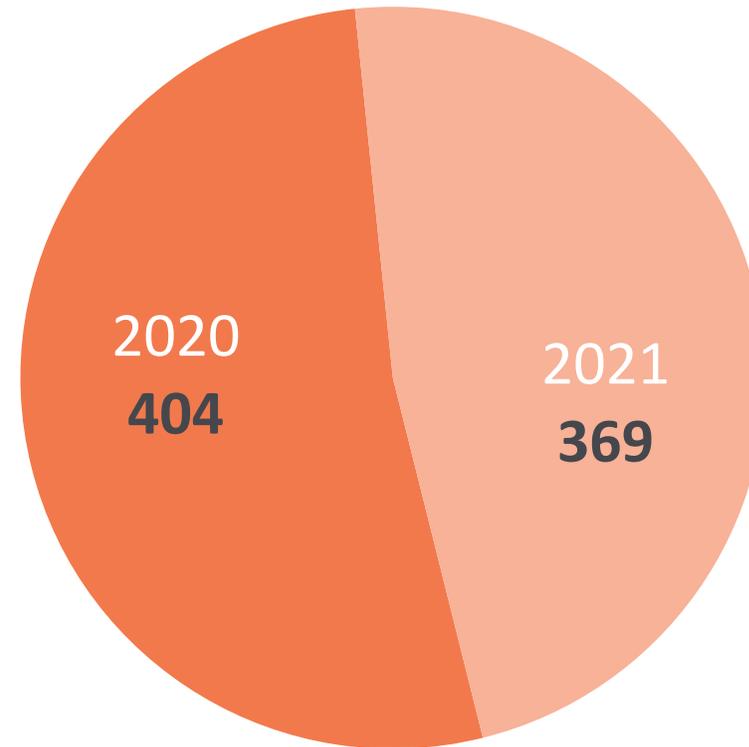




SPEEDING:

TOP CONTRIBUTING CIRCUMSTANCE
IN MO FATAL CRASHES

MISSOURI TRAFFIC
FATALITIES INVOLVING SPEED
(Speed limit exceeded or too fast for conditions)



SPEED
ACCOUNTED
FOR **36%** OF
THE FATALITIES
IN 2021

SUBSTANCE-IMPAIRED DRIVING

- **20%** of the total fatalities in 2021 involved at least one **substance-impaired driver**
 - **81% males**
- **Alcohol-impaired fatalities** have **decreased by 24%** in the last decade
- **Drug-impaired fatalities** have **increased by 83%**

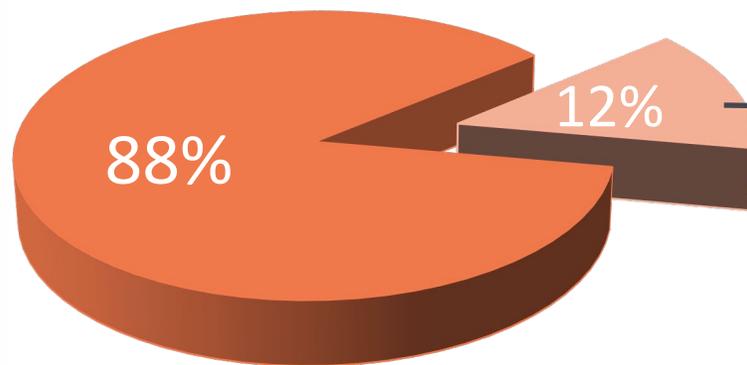




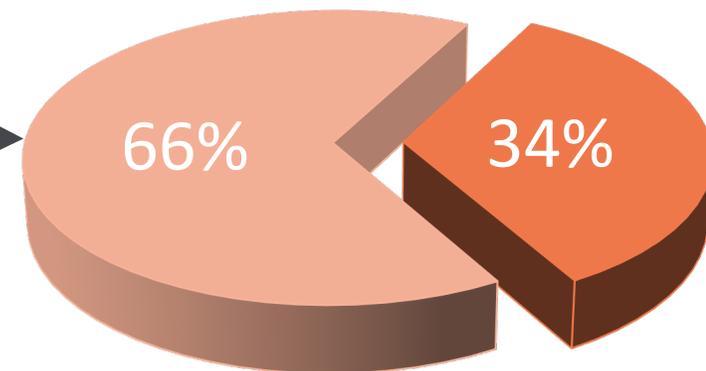
OCCUPANT PROTECTION

- More than **1,900 unbuckled fatalities** in the last five years

SEAT BELT USE



VEHICLE OCCUPANT FATALITIES

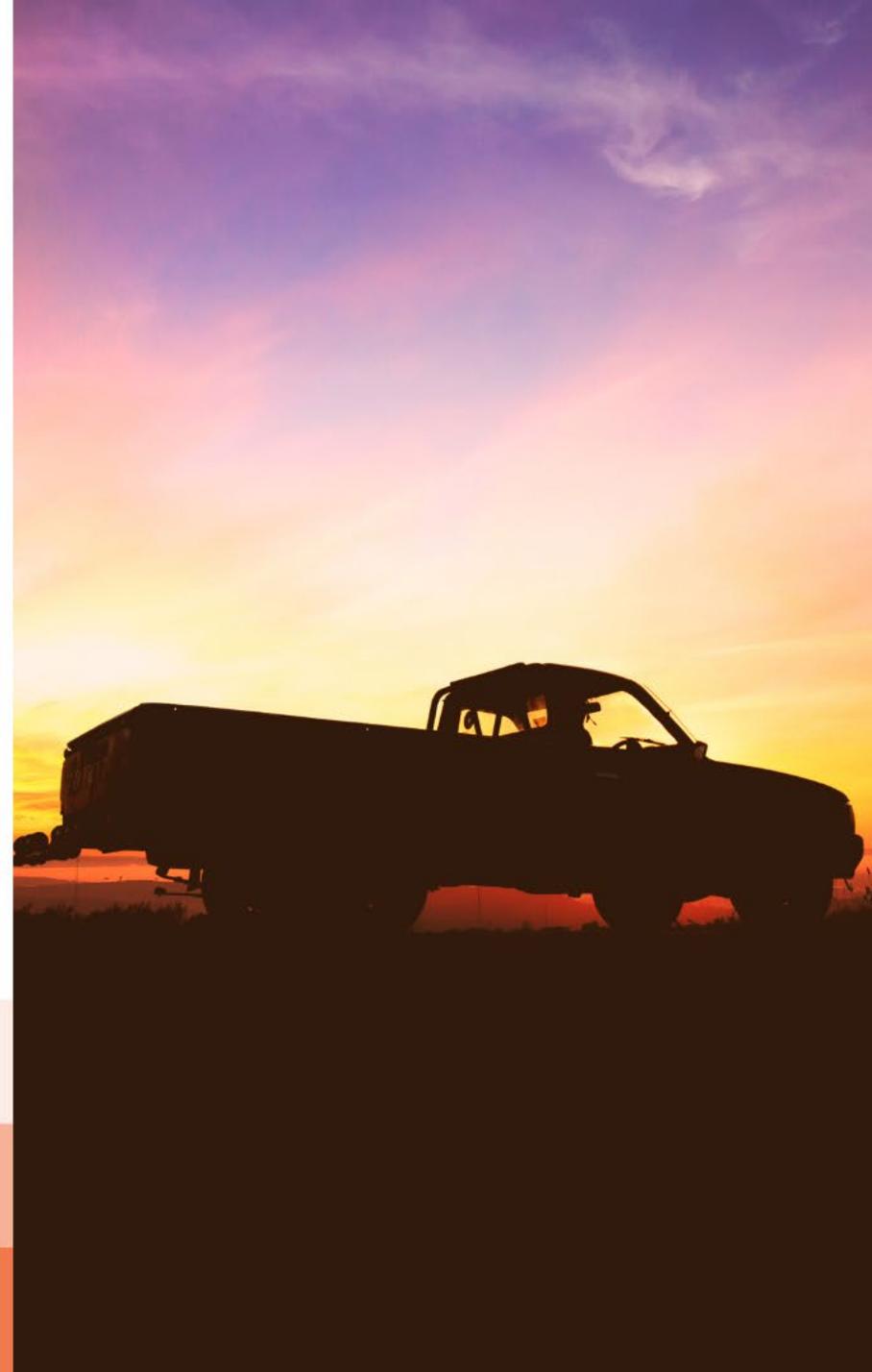


■ Buckled ■ Unbuckled

100% usage = **254 lives saved per year**

PICKUP TRUCKS

- **81%** of pickup truck occupants killed in 2021 Missouri traffic crashes were **unbuckled**
- **83%** of fatalities on Missouri roadways involved **male drivers**



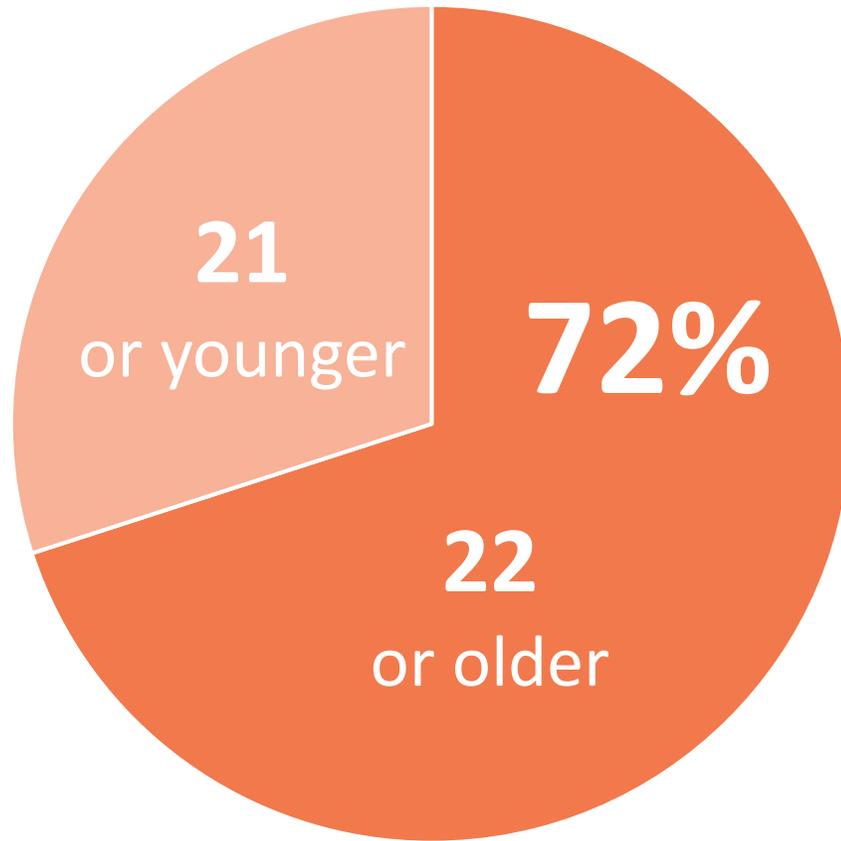
MOTORCYCLE SAFETY

- **161 motorcyclists were killed** in Missouri traffic crashes in 2021
 - 36% increase from 2020
 - 90 unhelmeted
- **Highest number** we have on record (at least 35 years)

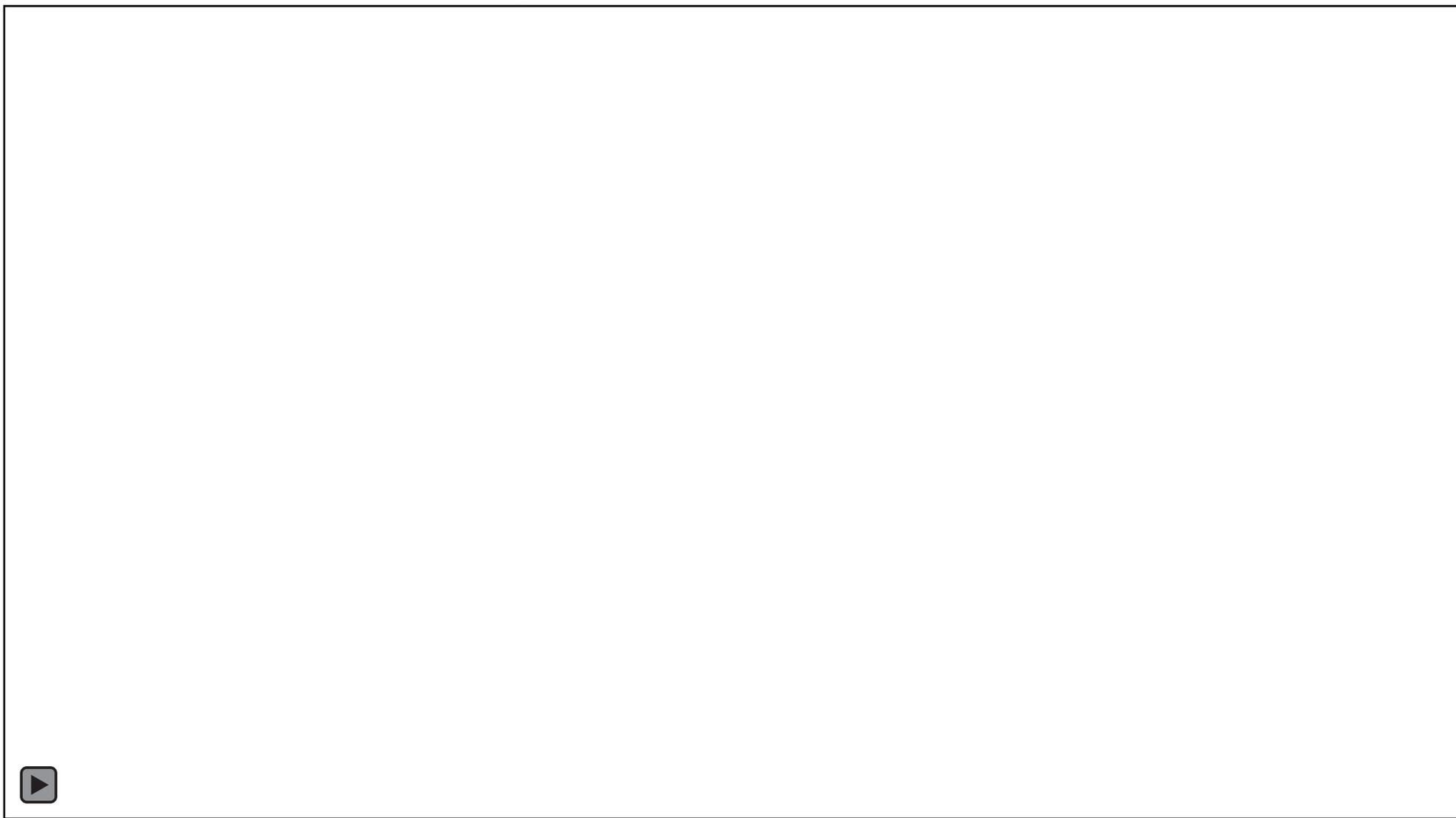




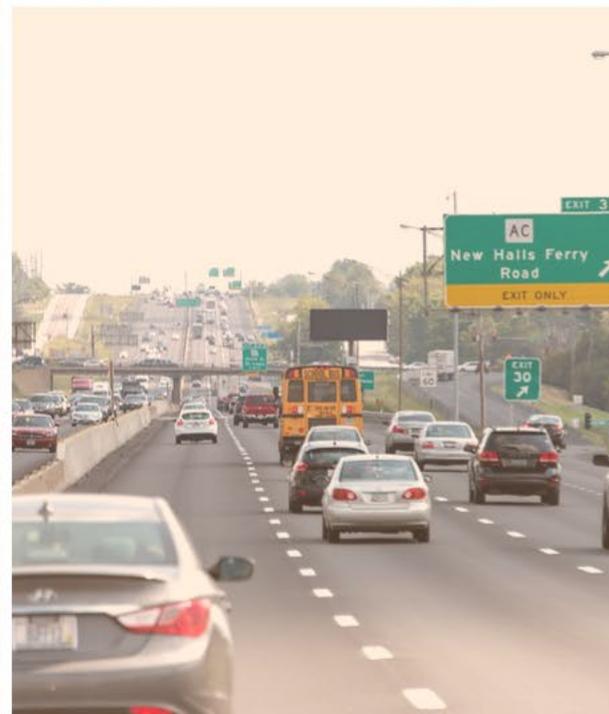
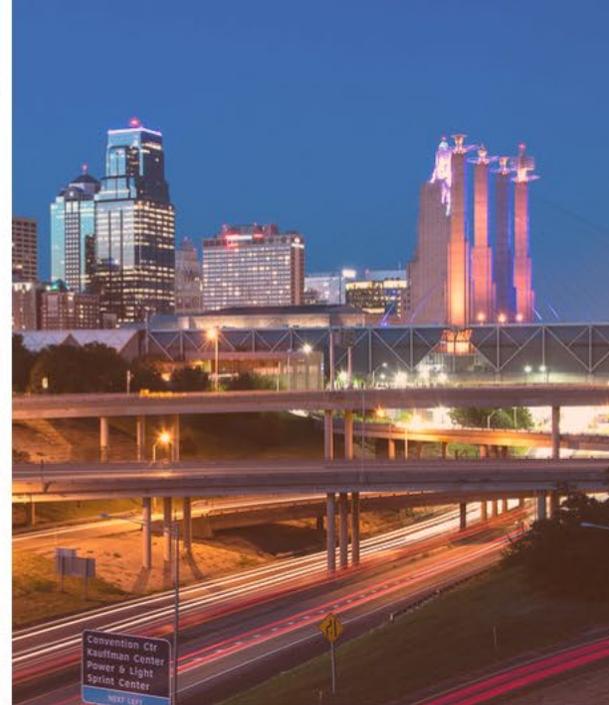
DISTRACTED DRIVING



- One of the **fastest growing contributors** of Missouri crashes
- Missouri law currently prohibits only texting and driving for operators **age 21 and under.**



DRIVING TOWARD
ZERO
FATALITIES



FOUR EMPHASIS AREAS



Buckle up



Phone down



Slow down



Drive sober



Driving Missouri Toward Safer Roads





SAFETY

LEGISLATIVE PRIORITY

- Hands-free law for Missouri



INFRASTRUCTURE SAFETY IMPROVEMENTS

- Incorporate safety improvements into all STIP projects
- Influx of federal safety funds
- Utilize data-driven safety analysis
- Promote a Safe System Approach



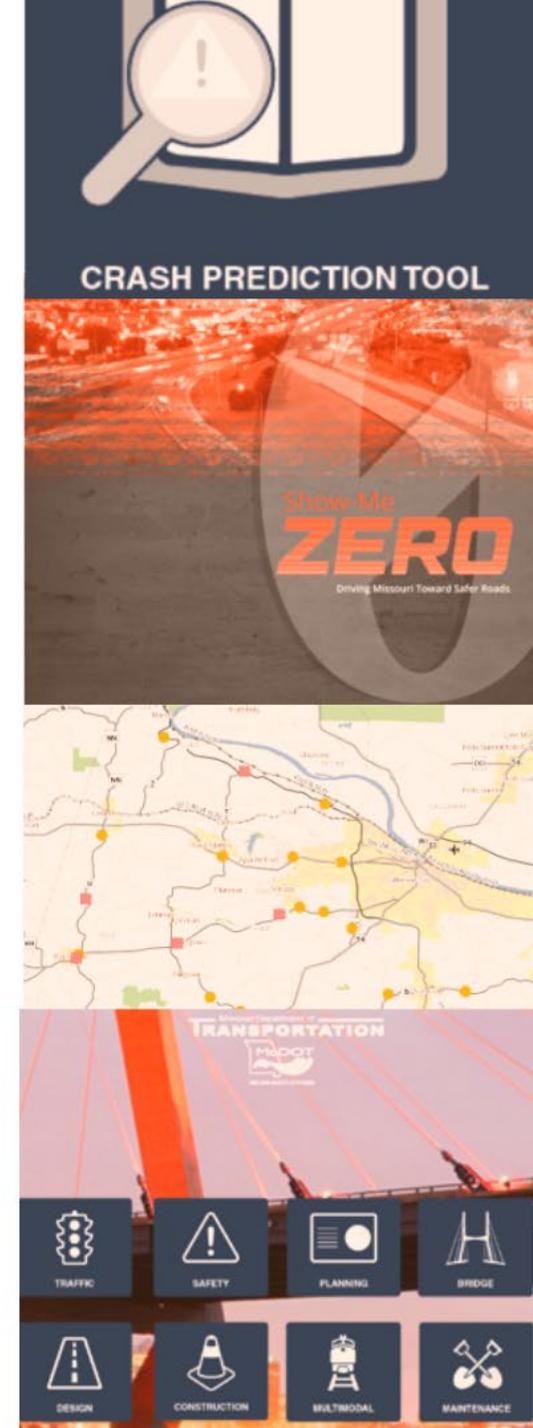
PROVEN SAFETY COUNTERMEASURES

- Guard cable
- High-friction surface treatments
- J-turns
- Roundabouts
- Rumble stripes



AVAILABLE SAFETY TOOLS

- MoDOT DataZone
 - Crash Statistics Map
 - Available to external customers:
<http://datazone.modot.org/>
- Upcoming TITAN
- Crash Modification Factors Clearinghouse
 - www.cmfclearinghouse.org



SAFETY RESOURCES

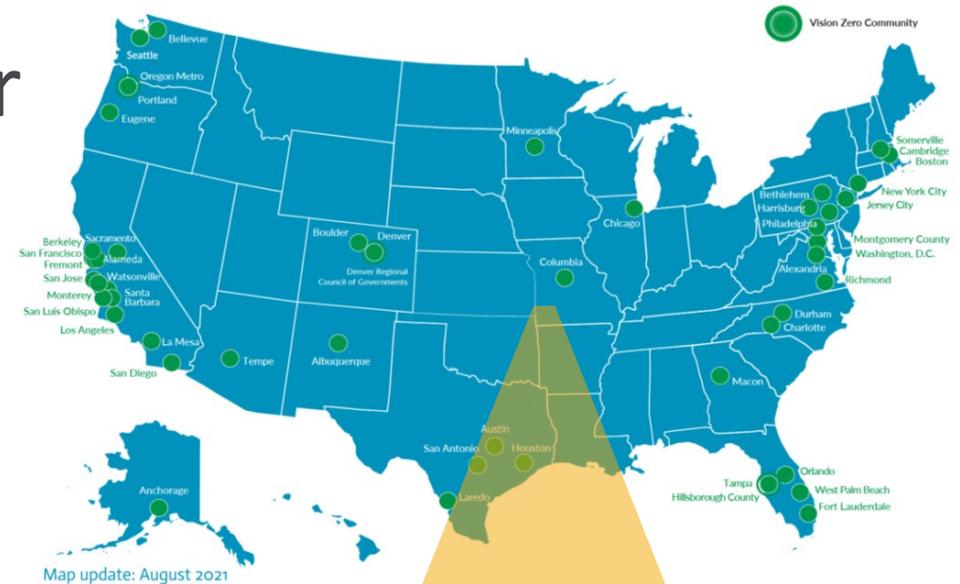
- Missouri's Safety Circuit Rider Program

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- Grant opportunities
- Vision Zero City



PASS IT ON

- Take the BUPD pledge and spread the word

modot.org/bupd



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