

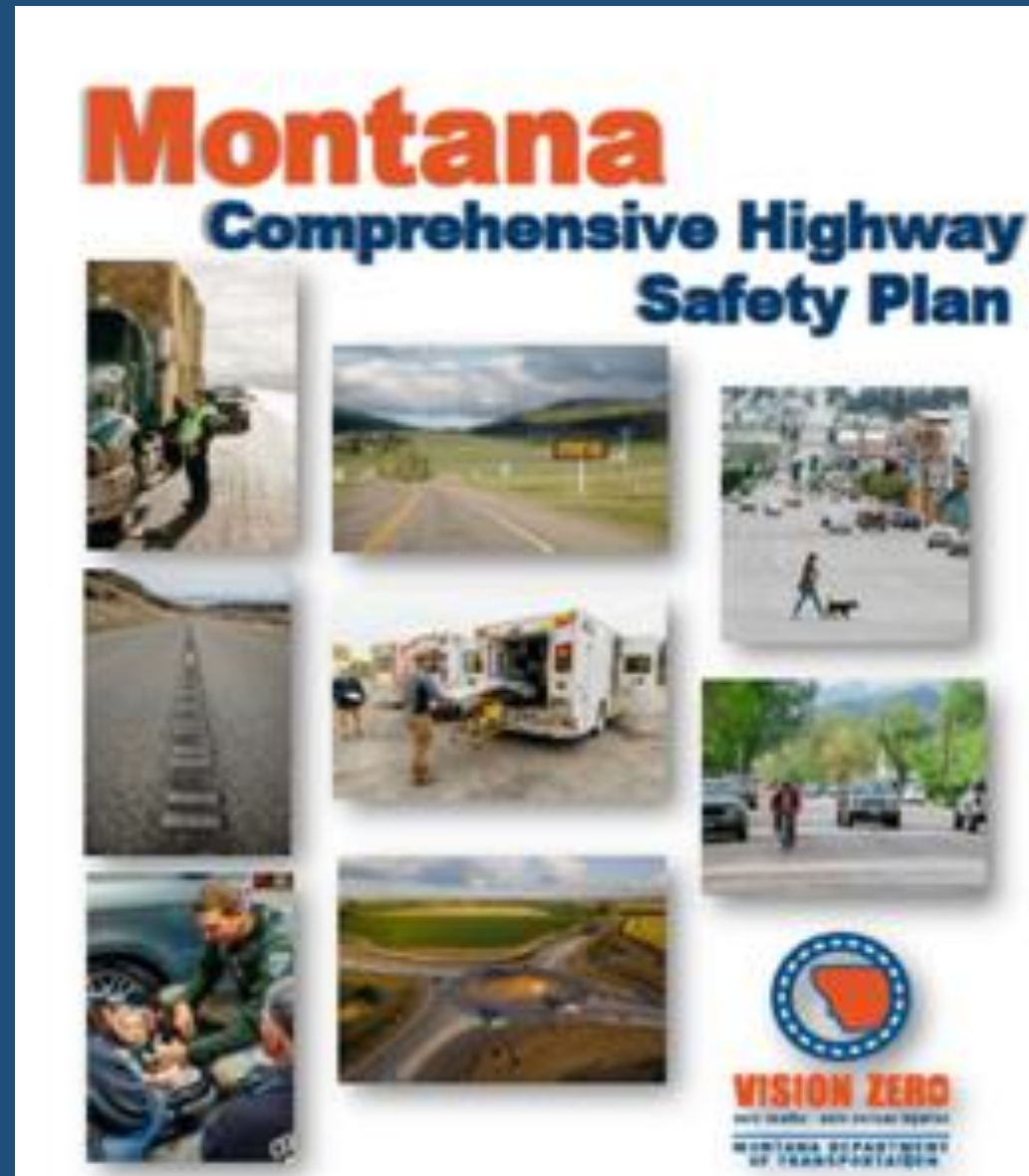
CHSP Overview

Executive Leadership Team
Meeting

Julie Brown, Deputy Director,
Montana Department of
Transportation and

Pam Langve-Davis
CHSP Manager

May 17, 2022



Federal Requirements



- Data Driven
- Multiagency Coordination & 4Es
- Performance Measures
- Consistent safety targets
- Track and evaluation progress
- Update every 5 years

CHSP Purpose

Implement a collaborative process to reduce fatalities and serious injuries in Montana utilizing education, enforcement, emergency response and engineering strategies.

The CHSP will seek to focus resources strategically, where opportunities for safety improvements are greatest.

Comprehensive Highway Safety Plan

Montana Comprehensive Highway Safety Plan



2020

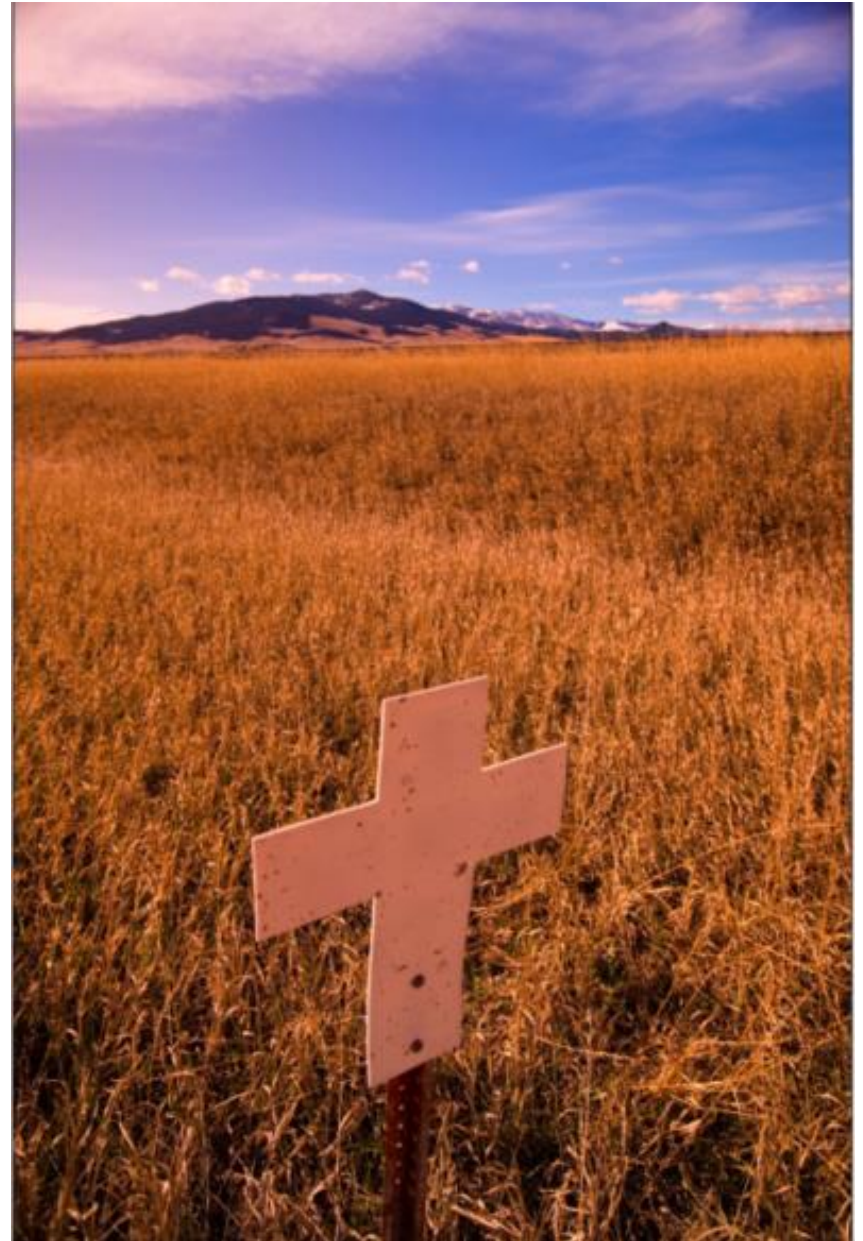
Data Driven Emphasis Areas

- Roadway Departure & Intersection Crashes
- Impaired Driving
- Unrestrained Vehicle Occupants
- Emergency Response - After-Crash Care

Vision Zero

***The Vision for
Montana is
Zero-***

***Zero Fatalities and
Zero Serious Injuries
on Montana's
roadways.***

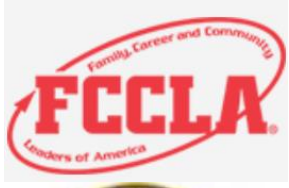


U.S. Department of Transportation
Federal Motor Carrier Safety Administration

BUCKLE UP MONTANA

MHA

A PROGRAM OF THE MONTANA
DEPARTMENT OF TRANSPORTATION



MONTANA
JUDICIAL BRANCH



MONTANA LEAGUE OF
CITIES AND TOWNS



COUNTY DUI TASK FORCES
preventing impaired driving and crashes

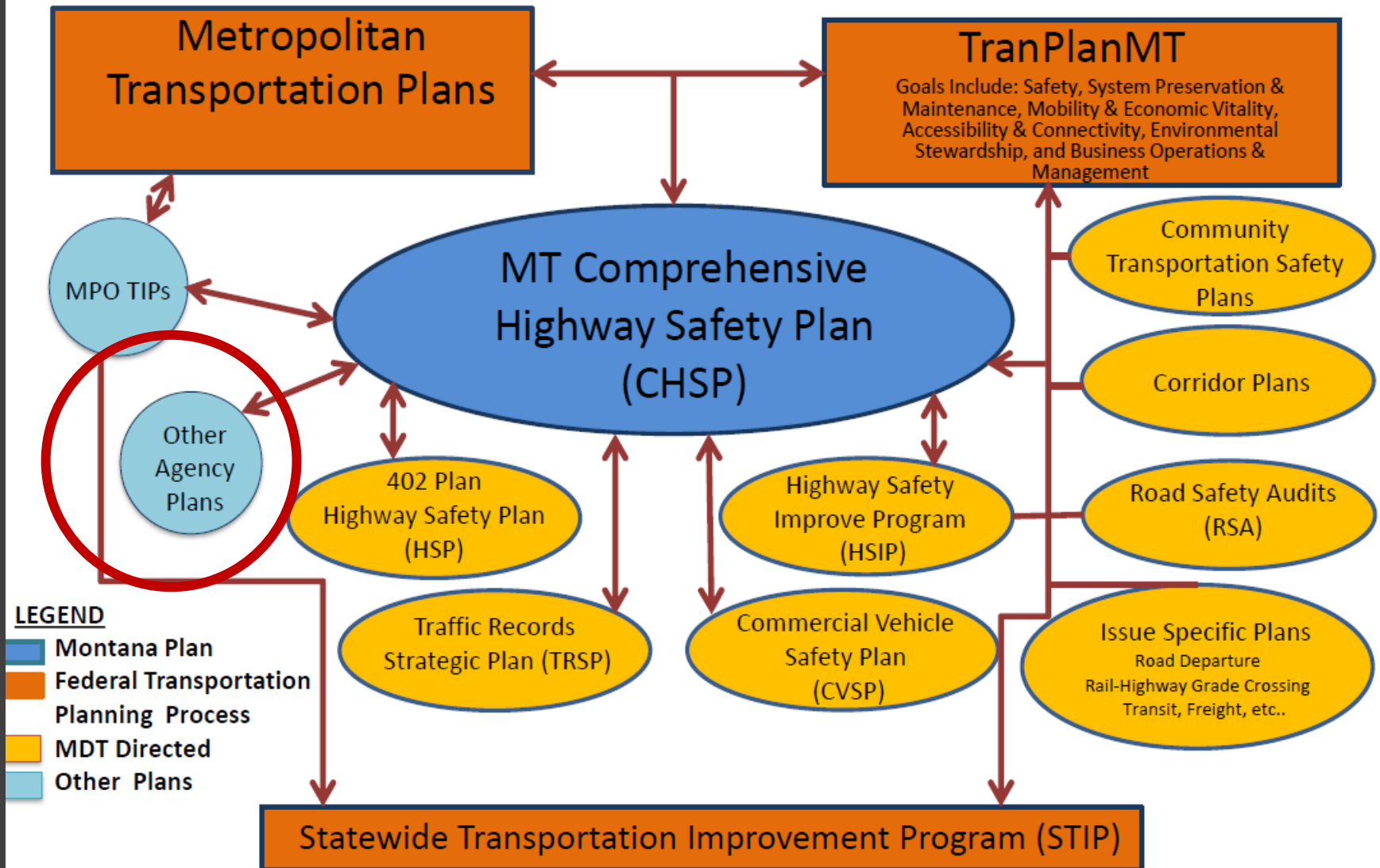


U.S. Department of Transportation
Federal Highway
Administration

GOVERNOR'S OFFICE OF
INDIAN AFFAIRS

MDTA
Native American Traffic Safety

Relationship of Montana's Safety Plan (CHSP) with Agency Safety Plans & Programs



Implementation Structure



Executive Leadership Team

- Provides leadership & collaboration to address statewide safety needs
- Prioritizes & institutionalize Vision Zero across agencies
- Commits personnel, technical and financial resources to implement safety initiatives
- Identifies & remove barriers within and between agencies to achieve Vision Zero
- Incorporates common safety strategies & initiatives into agency plans and policies
- Delegates appropriate staff to actively participate on the Advisory Committee and Emphasis Area Teams.
- **Serves as Montana's Statewide Impaired Driving Task Force as requires by 23 CFR 1300.23**



Emphasis Area Accomplishments

Roadway Departure & Intersection- Related Crashes Emphasis Area Strategies

- Strategy 1: Reduce & mitigate roadway departures through data driven identification & use of best practices
- Strategy 2 Reduce & mitigate speed-related roadway departures & intersection crashes.
- Strategy 3: Reduce roadway departure and intersection crashes through traffic safety education
- Strategy 4: Reduce and mitigate intersection crashes through a data-driven problem identification and the use of best practices.
- Strategy 5: Continue to improve the accuracy, completeness, integration, timeliness, uniformity, collection, and accessibility of safety data used in traffic safety analysis.
- Strategy 6: Support and increase enforcement of proper road use behaviors by all road users (motorized and nonmotorized) identified through crash data.
- Strategy 7: Explore and implement best practices for reducing roadway departure, including distracted and fatigued driving, in addition to other behavioral factors.



Objective: Reduce Roadway Departure and Intersection related Fatalities and Serious Injuries

Roadway Departure & Intersection-Related Crashes Emphasis Area Team Accomplishments



- OPI: 2020-21 School Year: 8,358 students completed drivers' education
- MT D.R.I.V.E.: 2022 summer classes are filling fast.
- AARP Driver Skills Training refresher course covers rules of the road & defensive driving techniques.
 - 2021 Online training = 714 classes
- Montana Motorcycle Rider Safety offers a basic skills training entry level course, a refresher course to enhance skills, and an advanced rider course focused on risk management and on-cycle exercises.
 - 34 total BRC, BRC2, & ARC courses in 2021

Roadway Departure & Intersection- Related Crashes Emphasis Area Team Accomplishments

- On-going implementation of the Highway Safety Improvement, Roadway Departure, and Intersection Safety Plans
- Long term research study on effectiveness of Sinusoidal centerline rumble strip
- Highway Rail Safety Plan has been submitted and is under review by FRA
- Currently upgrade of MDT's Safety Information Management System (SIMS) crash database with AASHTOWare



Impaired Driving Emphasis Area Team Accomplishments

Criminal Justice/Law Enforcement Programs:

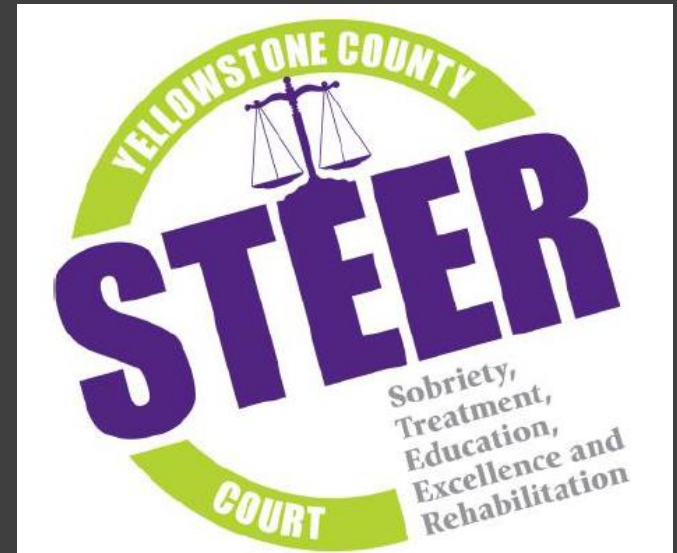
- Traffic Safety Resource Officer
- Traffic Safety Resource Prosecutor
- Regional Judicial Outreach Liaison
- Selective Traffic Enforcement Program (STEP)
- Safety Enforcement Traffic Team (SETT)
- Mini-Grants for enforcement efforts.
- Tribal law enforcement Selective Traffic Enforcement Program (STEP)
- Law Enforcement Liaison (LEL)
- 24/7 Program



**Objective: Reduce impaired
driving fatalities & serious
injuries.**

Impaired Driving Emphasis Area Team Accomplishments

- **DUI Courts in Montana**
- Five NHTSA funded DUI Courts
 - 13th Judicial District: STEER
 - Missoula County: ROAD Court
 - 12th Judicial District
 - Butte Silver Bow
 - 7th Judicial District
- Montana has 45 Treatment Courts statewide- DUI, Veteran, Family . Often co-occurring.



Impaired Driving Emphasis Area Team Accomplishments

- Support strengthen Montana DUI Laws
- Reorganization of Montana Code during 2021
- Title 61, Chapter 8, Part 10
- https://leg.mt.gov/bills/mca/title_0610/chapter_0080/part_0100/sections_index.html

What Will a
DUI Cost You?



- death
- serious injury
- incarceration
- job loss
- search warrants
- probation
- court fines
- fingerprinting
- attorney fees
- treatment
- no access to Canada
- embarrassment
- loss of independence
- name in local newspaper
- daily alcohol screenings
- increased auto insurance premium

IT'S MORE THAN JUST A TRAFFIC FINE.

If you drive impaired, expect to be arrested and taken to jail, then be prosecuted, and sentenced by a judge.

Impaired Driving Emphasis Area Team Accomplishments

- 35 County DUITF's representing 38 Counties
- Drive Safe Missoula - driver behavior education program focused on high school & college aged students.
- Yellowstone County – Big Sky Drug and Alcohol Symposium
- Madison County – Prosecution Training sponsorship





**NEVER
DRIVE
IMPAIRED**

U USE. U CRUISE. U LOSE.

Did you know nearly one-third of car crash deaths involve alcohol use? Keep your friends, family, and others in our community safe. Never drink and drive or ride with an impaired driver. Always buckle up and insist others do the same. Together we have the power to change this statistic.

Alternative accessible formats of this document will be provided on request. Persons who need an alternative format should contact the Office of Civil Rights, Department of Transportation, 2701 Prospect Avenue, PO Box 201001, Helena, MT 59620. Telephone 406-444-5418 or Montana Relay Service at 711.

 /SafeOnAllRoads

Impaired Driving Emphasis Area Team SOAR-Northern Tribes DUI Task Force Accomplishments

Northern Tribes DUI Task Force

- NHTSA funding assist with expenses associated with DUI Task Force Meetings
- Conducted an Impaired Driving campaign during summer FFY21
- Developing new campaign for summer FFY22 that has not been finalized

Fort Peck DUI Court

- Requested national training for FFY22

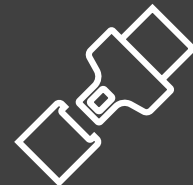
Unrestrained Vehicle Occupant Emphasis Area Strategies

Strategy 1: Laws & Enforcement

Strategy 2: Communication, Education & Injury Prevention

Strategy 3: Improve Unrestrained Vehicle Occupant Data

**Objective: Reduce Unrestrained
Vehicle Occupant Fatalities &
Serious Injuries**





Unrestrained Vehicle Occupant Emphasis Area Team Accomplishments

- Buckle Up Montana (BUMT) continued educational outreach program through a combination of in-person & virtual formats
- Child Passenger Safety Certification Training Program & inspection stations.
 - **Recertification 59.4% compared to national rate of 47.5%**
- Purchase & distribution of 541 convertible car seats to 33 locations throughout the state
- Ongoing efforts have resulted in
 - **2021 Summer seat belt observation of 92.2%**



Unrestrained Vehicle Occupant Emphasis Area SOAR (Safe On All Roads) Team Accomplishments

PROTECT OUR
CULTURAL HERITAGE
– PRACTICE SAFE
DRIVING BEHAVIORS

National Native American Heritage Month




[/SafeOnAllRoads](#)



- National Native American Heritage Month
 - November 2021 campaign for Heritage Month (Fort Peck Tribal member represented the program.)
- Child Passenger Safety Certification Training Program & inspection stations.
 - Indian Health Services secured CPS Certification training for Tribal Members
 - 7 new certified technicians.
- Buckle Up Teen Basketball Campaign
 - Local tribal teens represent the campaign across the state.



SOAR was awarded NHTSA's Public Service Award at the 2022 LifeSavers Conference. Shown is Jacintha Four Souls, Rocky Boy's-Chippewa Cree Tribe (left) and Eileen Henderson, Blackfeet Nation (right) accepting the award on behalf of all SOAR Coordinators.



**Trauma Systems
Save Lives.**

Medical Dispatch. EMS. Air Medical.
Law Enforcement. Doctors. Nurses. Medical Centers.

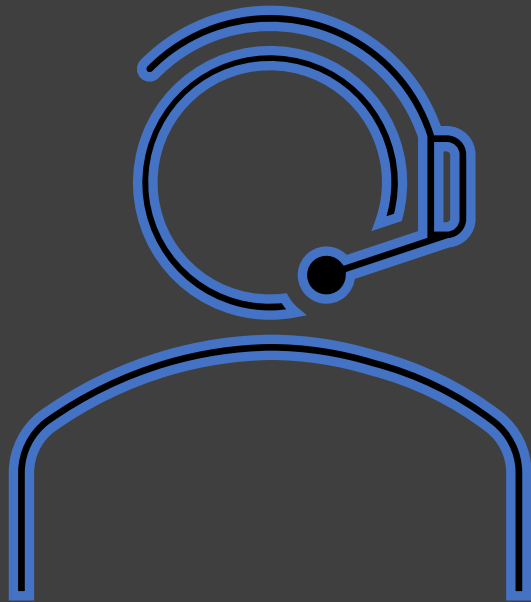
They all save lives.

A group of six medical professionals, including paramedics and nurses, are posed in front of an ambulance. They are wearing yellow protective suits and blue gloves. The ambulance is white with red and blue lights. The scene is set outdoors.

Emphasis Area: Emergency Response- After Crash Care Accomplishments

Objective: Reduction of morbidity and mortality of the Montana motor vehicle crash victim

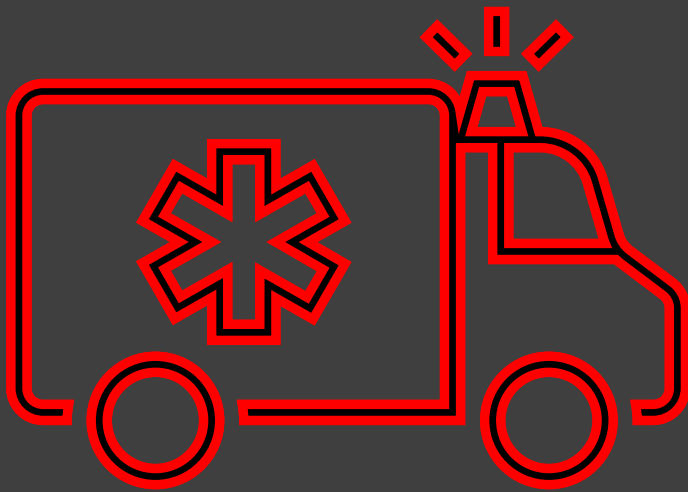
Strategy 1 - Access to the Emergency Response System; On Scene Care Training & Education



S1.1: Support Emergency Medical Dispatch (EMD) training for all dispatch centers.

- June 2022 will be last course at MLEA. MLEA has determined that training was not useful as some dispatch centers do not use the program. The training will be offered as an optional or an elective course.
- EMS staff is working on alternative training options to provide standardized training. Options include hiring additional trainers to travel and train statewide.

Strategy 2 - Safe & Rapid Transport of Crash Victims and Training of Emergency Responders



S2.1: Support ongoing education and training of emergency care responders.

- PHTLS Training in currently occurring across the state. Collaborating with SIM-MT for future classes.
- EPIC-TBI: 49 trained instructors, 44 provider classes taught, 159 people trained (not including lectures). Several hospitals now training ER staff.

S2.3: Support and promote MDT Emergency Medical Equipment Grant Program

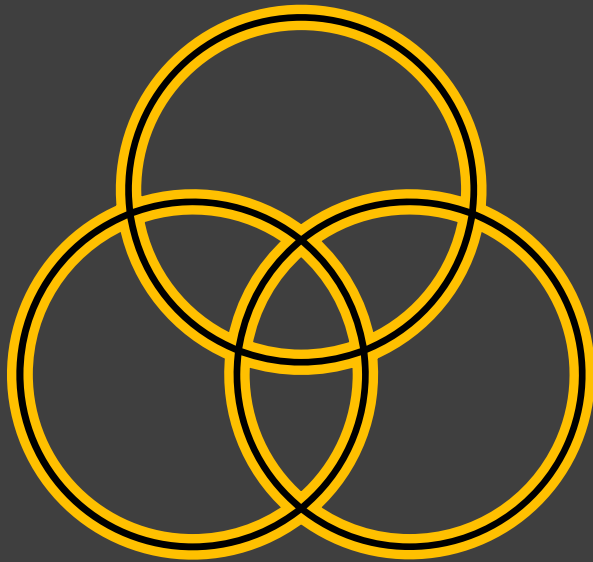
- FY22: 7 EMS Grants awarded (5 ambulances): Three Forks, Boulder, Columbus Rural Fire, Joliet EMS, & Marion Fire District, Equipment (power load/cots & radios): Fisher River Valley Fire and Lincoln Volunteer Fire Dept & Rescue.

Strategy 3: Hospital-Based Trauma Care



- *Support ongoing education and training of the trauma team.*
 - 2021 ATLS: 90 people trained
 - 5 trainings courses scheduled for 2022
 - TEAM Grant: Conducted 9 TEAMs courses in 2021.
- *Support and further trauma center designation for all Montana facilities that care for injured persons*
 - Currently 43 of 65 are designated Trauma Centers.
- *Continue to support and promote the Rocky Mountain Rural Trauma Symposium (RMRTS)*

Strategy 4- Integrate Crash, EMS, Trauma and Roadway Surveillance



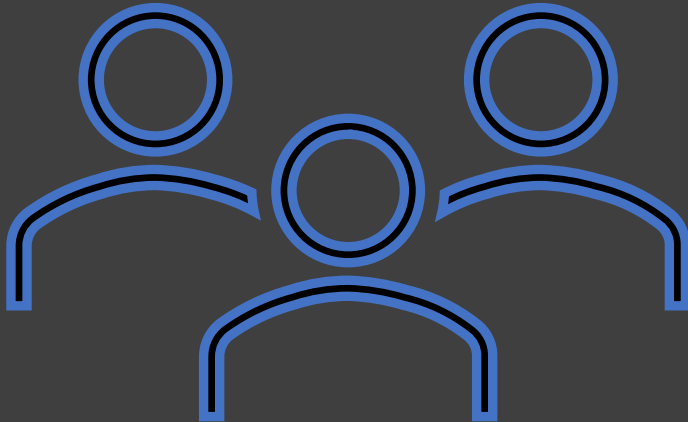
S4.1: Continue to utilize and enhance ImageTrend data (EMS patient care records) to track road safety trends and to improve overall EMS system performance.

- 7 MVC-related performance measures have been added to the EMS QI framework. EMS agencies will receive progress updates twice per year on these and several other measures.

S4.2: Utilize ESO/Digital Innovations (DI) data (Trauma Registry) to analyze hospital treatment of the patient and implement performance improvement using the data

- 2022 regional & state-wide trauma-specific performance improvement (PI) indicators implemented.
- Registry Driller for facilities implemented

Strategy 5- Provide Statewide Injury Prevention Education to Communities Through A Collaborative Effort



S5.1: Provide guidance, support, coordination, and technical assistance to local and regional injury prevention activities.

- Injury Prevention coalition is scheduled for late spring 2022.
- Core SIPP grant (CDC) obtained in 2021 and focuses on several key injury prevention topics

Strategy 6- Support Laws, Policy Development and Legislation



S6.1: Support activities surrounding policies and regulations that provide for emergency care access, EMS, facility designation and care standards.

- EMS Administrative Rules are under complete revision

Impaired Driving Work Plan

Impaired Driving Work Plan Objectives

Measurable Objectives:

- Reduction of Impaired Driving-related Fatalities
- Reduction of Impaired Driving-related Serious Injuries



CHSP Emphasis Area Work Plan Strategies

Impaired Driving

Strategy 1: Deterrence and Enforcement

Strategy 2: Prevention and Education

Strategy 3: Criminal Justice System

Strategy 4: Communication Program

Strategy 5: Alcohol and Other Drug Misuse: Screening, Assessment, Treatment and Rehabilitation

Strategy 6: Program Evaluation and Data

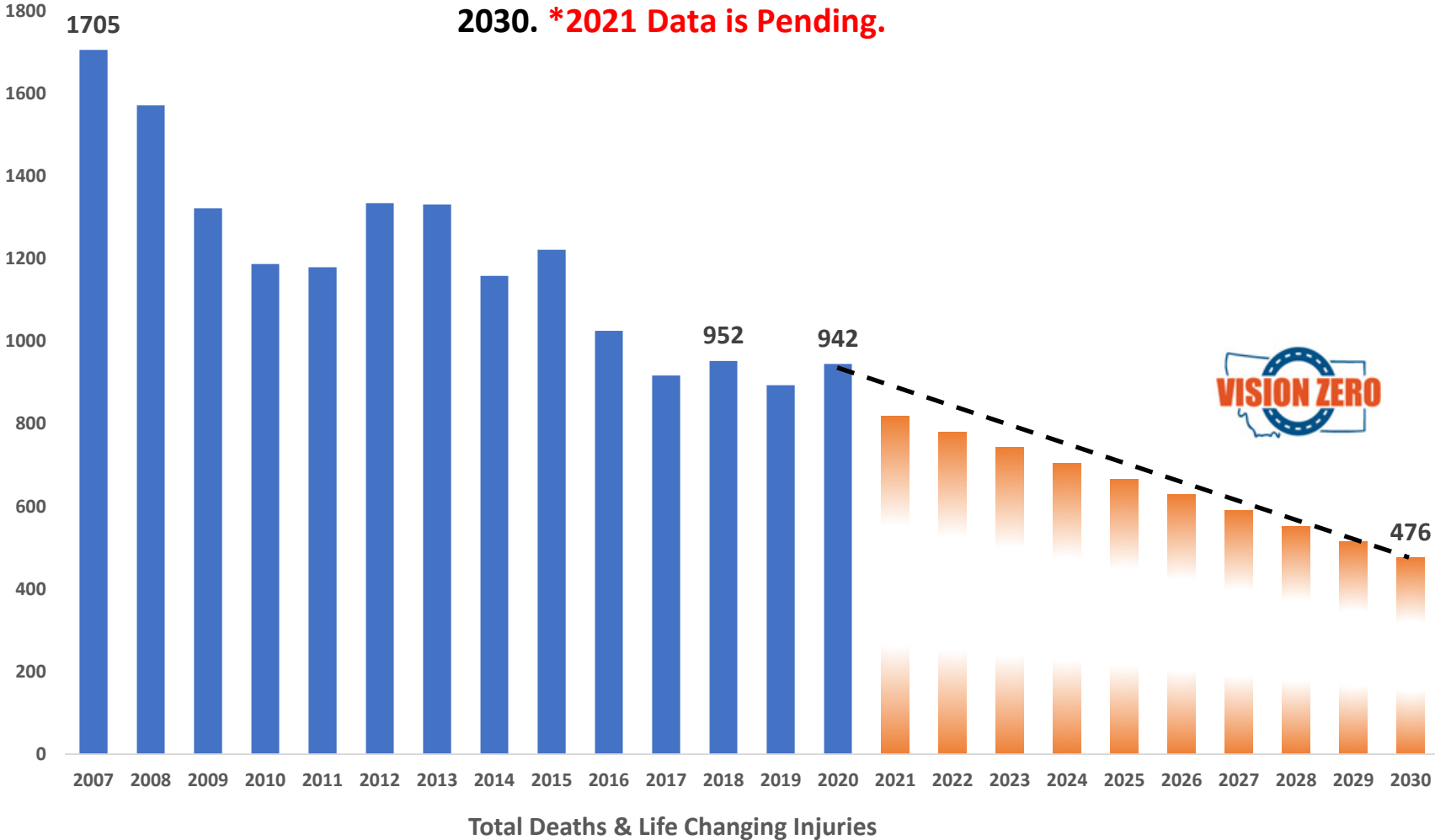


Impaired Driving Work Plan Overview & Approval

2020 Crash Trends

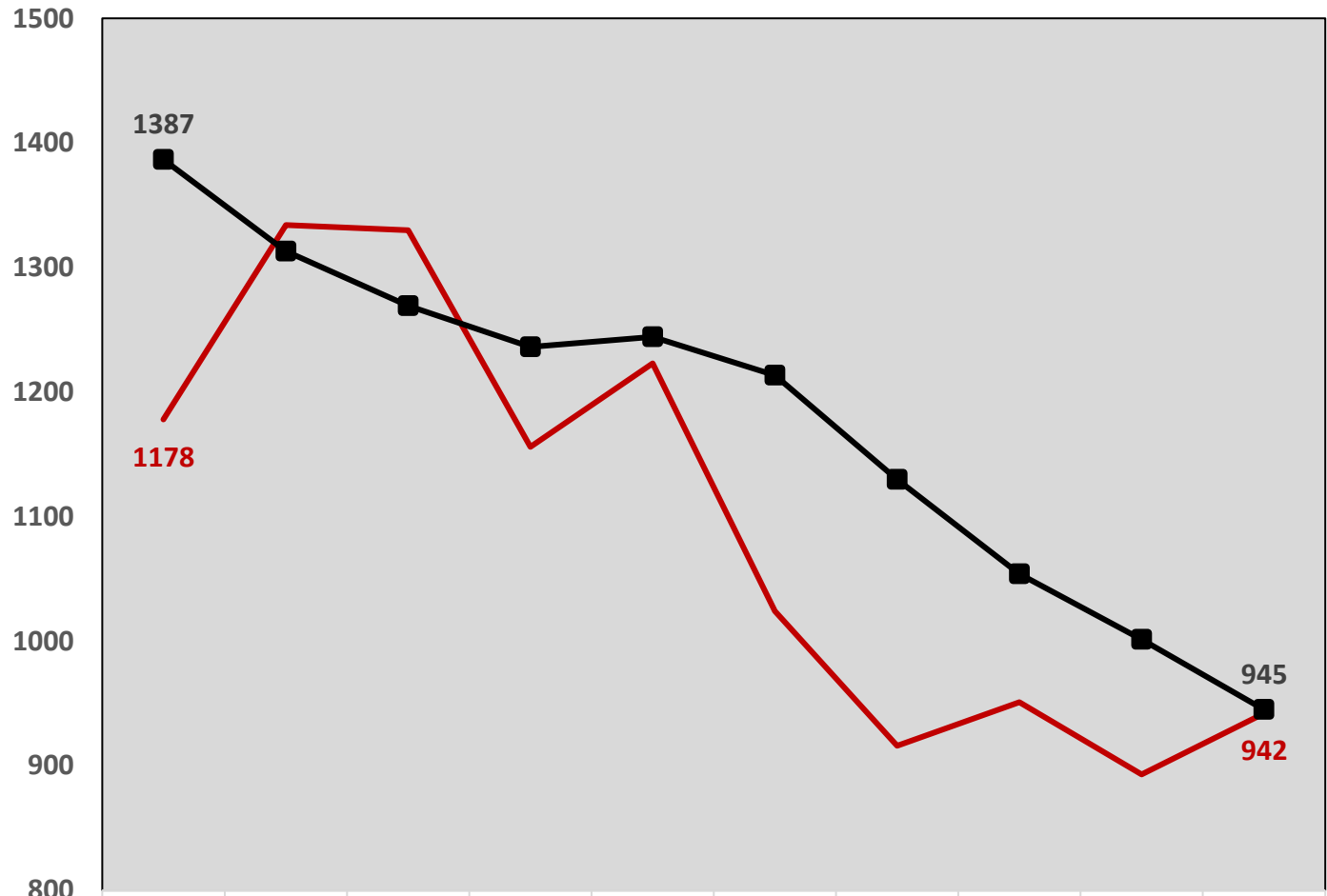
CHSP Interim Goal

Reduce deaths and life changing injuries on Montana's roads from 952 in 2018 to 476 by 2030. ***2021 Data is Pending.**



Total Fatalities & Serious Injuries, 2011-2020

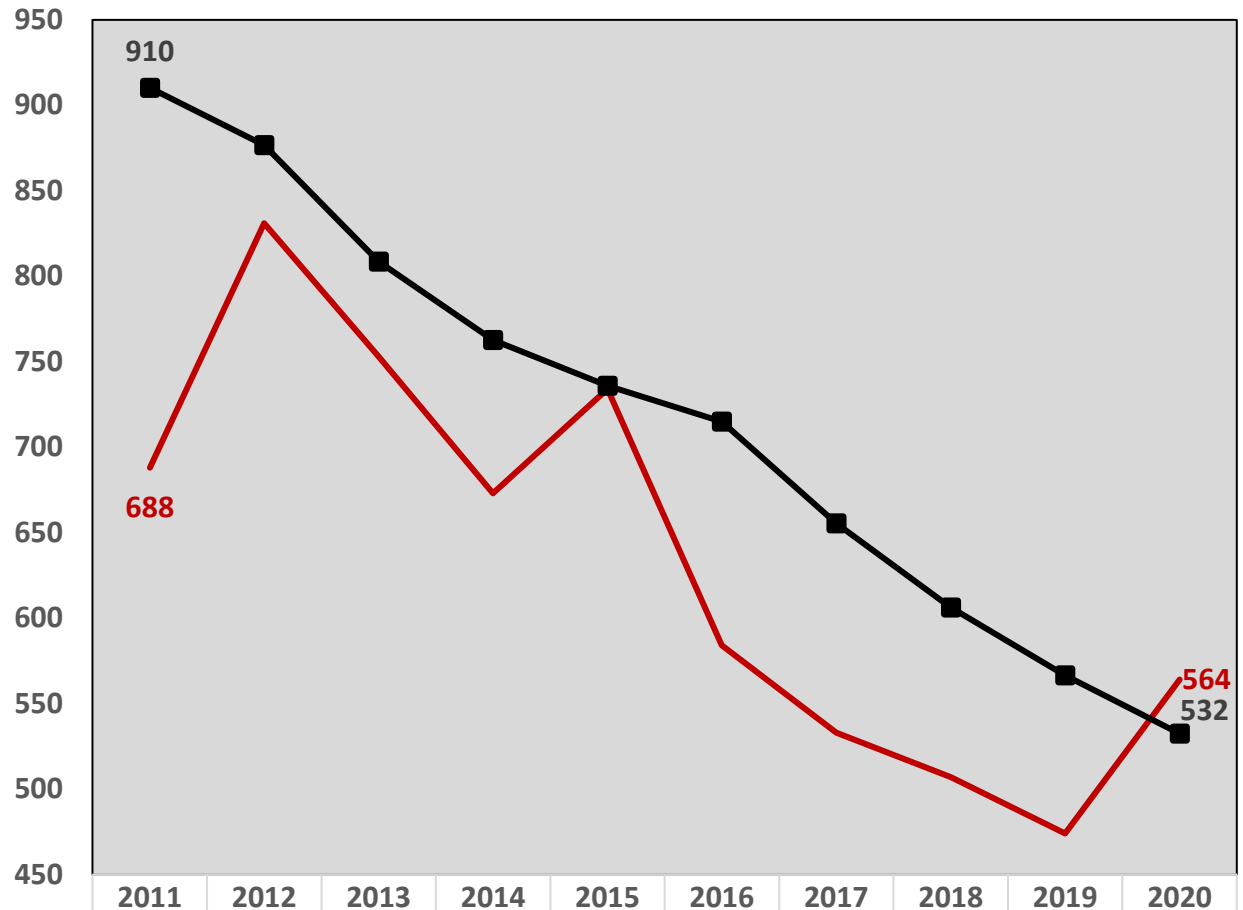
In 2020 there was an increase in fatalities & serious injuries from 2019. Beginning in 2017 annual numbers began to fluctuate.



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
All Fatalities & Serious Injuries	1178	1334	1330	1156	1223	1024	916	951	893	942
5-Year Average	1387	1313	1269	1236	1244	1213	1130	1054	1001	945
Fatalities	211	205	229	192	224	190	186	182	184	212
Serious Injuries	967	1129	1101	964	999	834	730	769	709	730

Roadway Departure Fatalities & Serious Injuries, 2011-2020

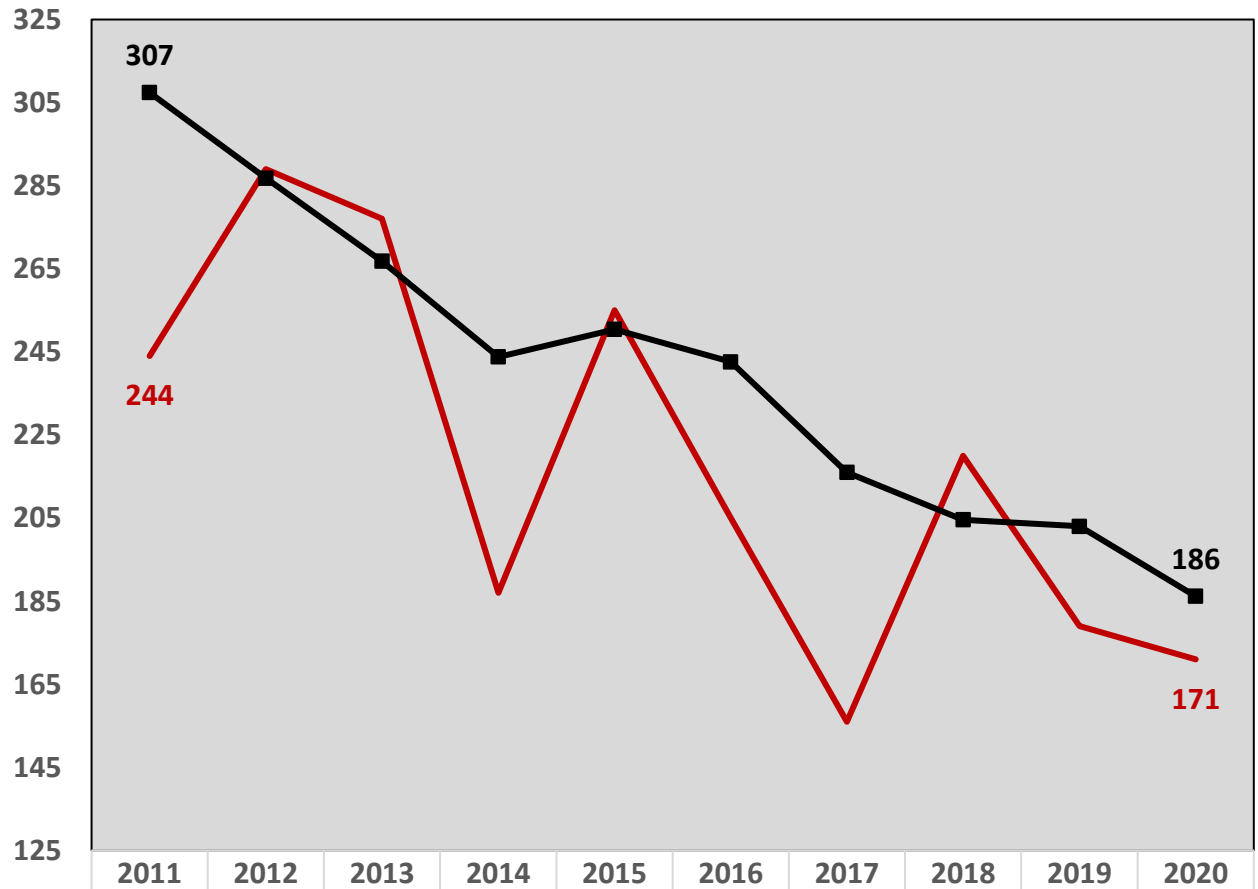
58% of All Fatalities & Serious Injuries involved a Roadway Departure



—■ Roadway Departure Fatalities & Serious Injuries	688	831	753	673	734	584	533	507	474	564
—■ 5-Year Average	910	877	809	763	736	715	655	606	566	532
Fatalities	143	159	150	129	155	131	127	127	94	134
Serious Injuries	545	672	603	544	579	453	406	380	380	430

Intersection Related Fatalities & Serious Injuries, 2011-2020

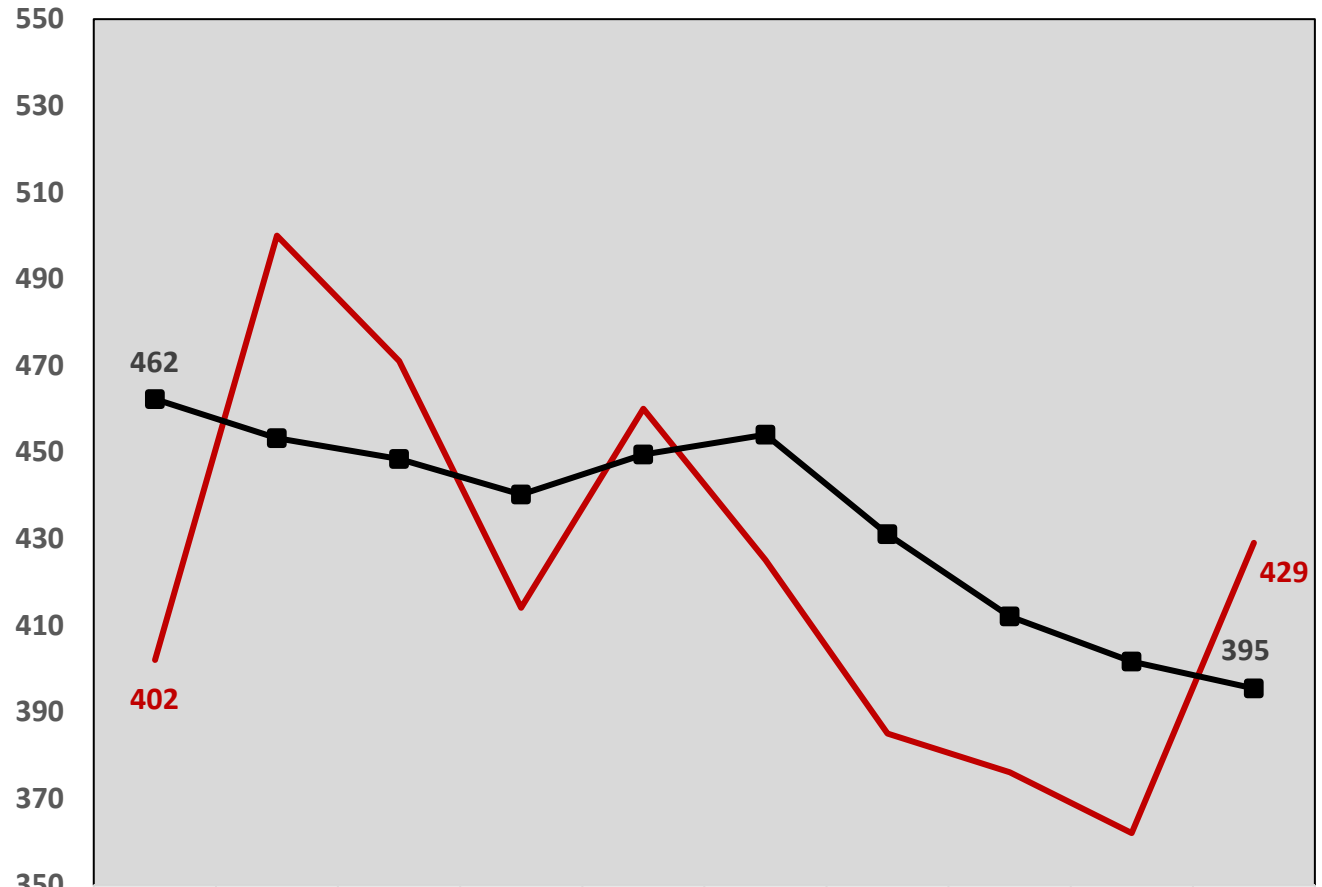
20% of All Fatalities & Serious Injuries were Intersection-related.



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Intersection-related Fatalities & Serious Injuries	244	289	277	187	255	205	156	220	179	171
5-Year Average	307	287	267	244	250	243	216	205	203	186
Fatalities	29	17	27	19	30	14	15	21	21	16
Serious Injuries	215	272	250	168	225	191	141	199	158	155

Impaired Driving Fatalities & Serious Injuries, 2011-2020

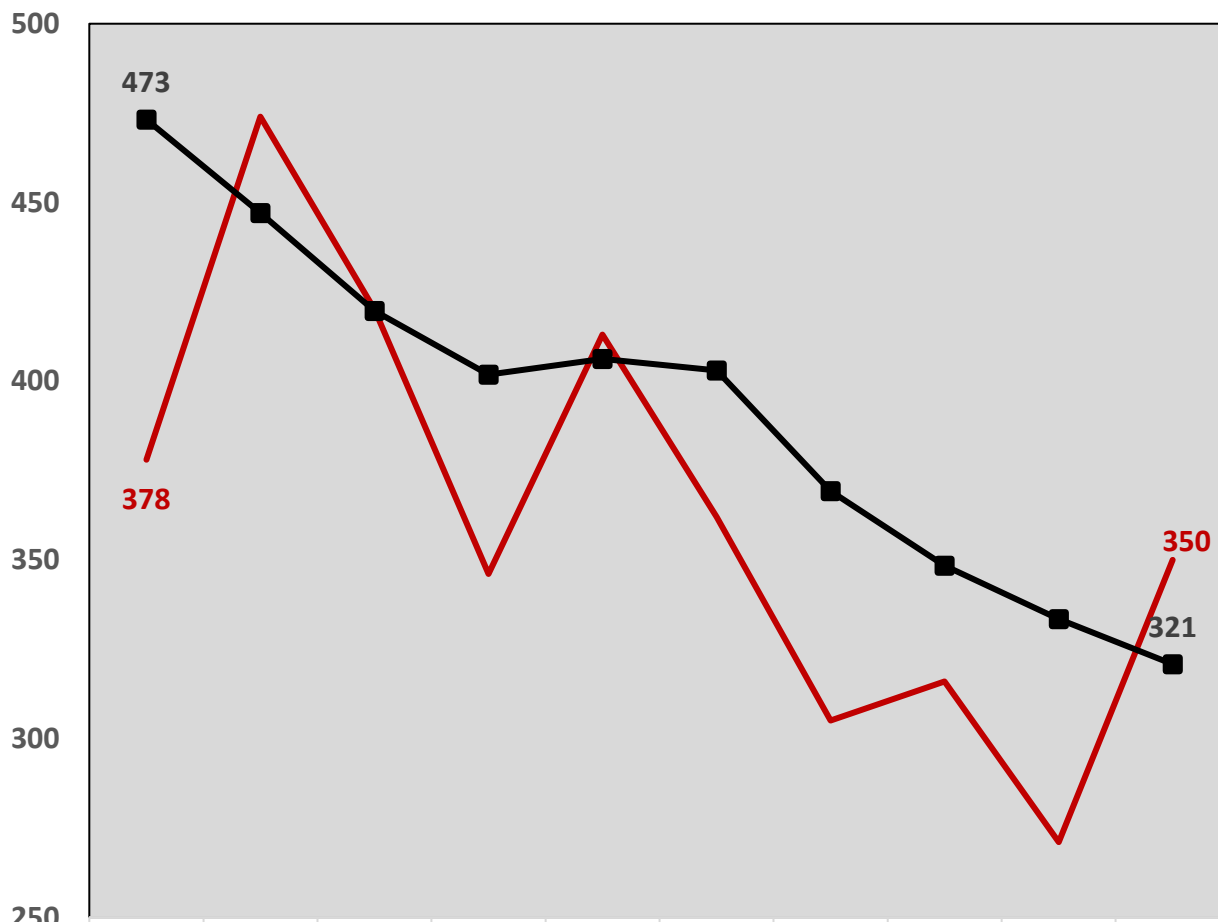
88% of All Impaired Driving Fatalities & Serious Injuries occurred in Rural Areas.



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Impaired Driver Involved Fatalities & Serious Injuries	402	500	471	414	460	425	385	376	362	429
5-Year Average	462	453	448	440	449	454	431	412	402	395
Fatalities	112	127	137	117	129	128	114	117	106	140
Serious Injuries	290	373	334	297	331	297	271	259	256	289

Unrestrained Vehicle Occupant Fatalities & Serious Injuries, 2011-2020

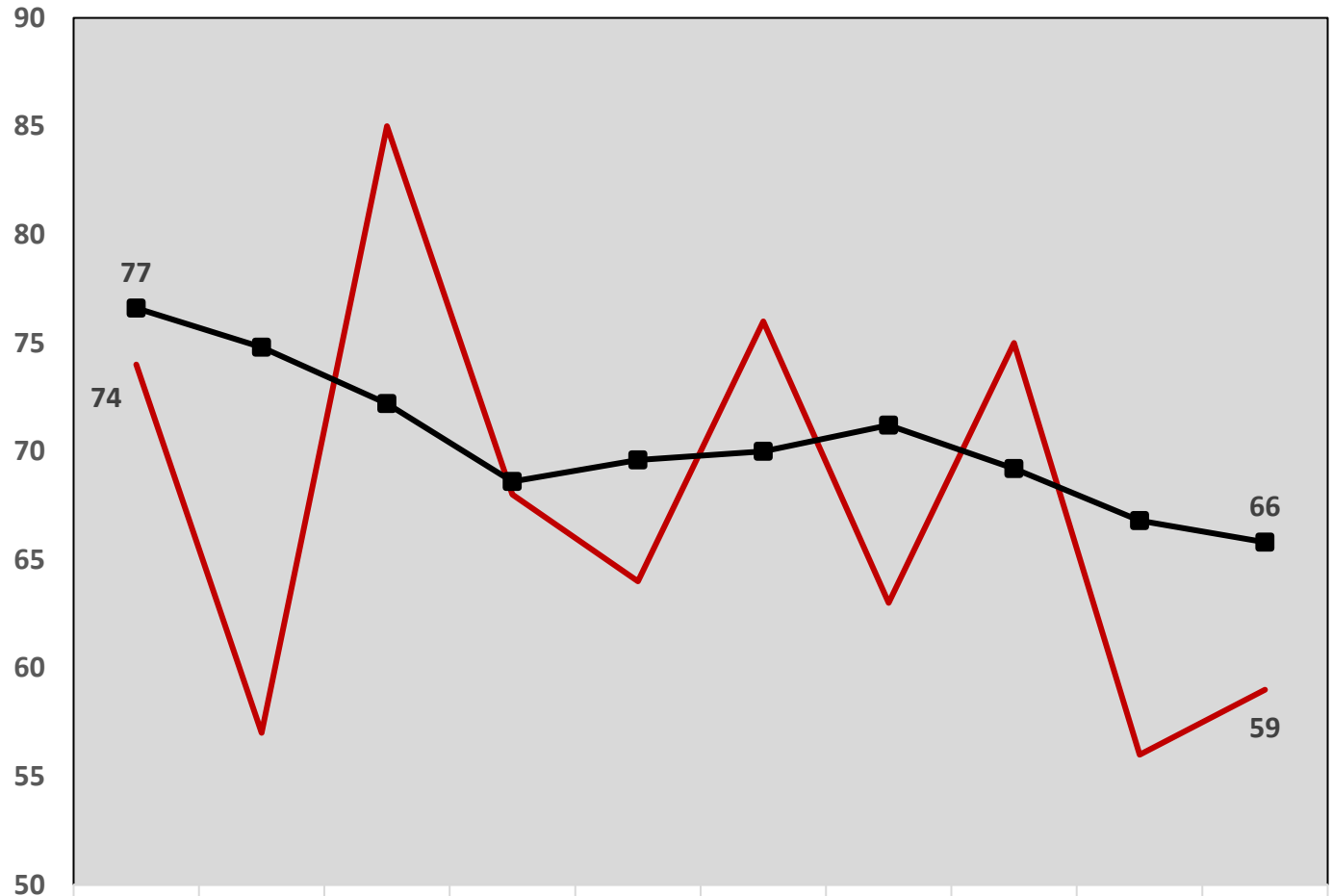
41% of All Unrestrained Vehicle Occupant Fatalities & Serious Injuries occurred during the Summer months (Jun/Jul/Aug/Sep).



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
— UVO Fatalities & Serious Injuries	378	474	420	346	413	362	305	316	271	350
■ 5-Year Average	473	447	420	402	406	403	369	348	333	321
Fatalities	110	114	105	100	118	95	84	91	74	108
Serious Injuries	268	360	315	246	295	267	221	225	197	242

Nonmotorized Fatalities & Serious Injuries, 2011-2020

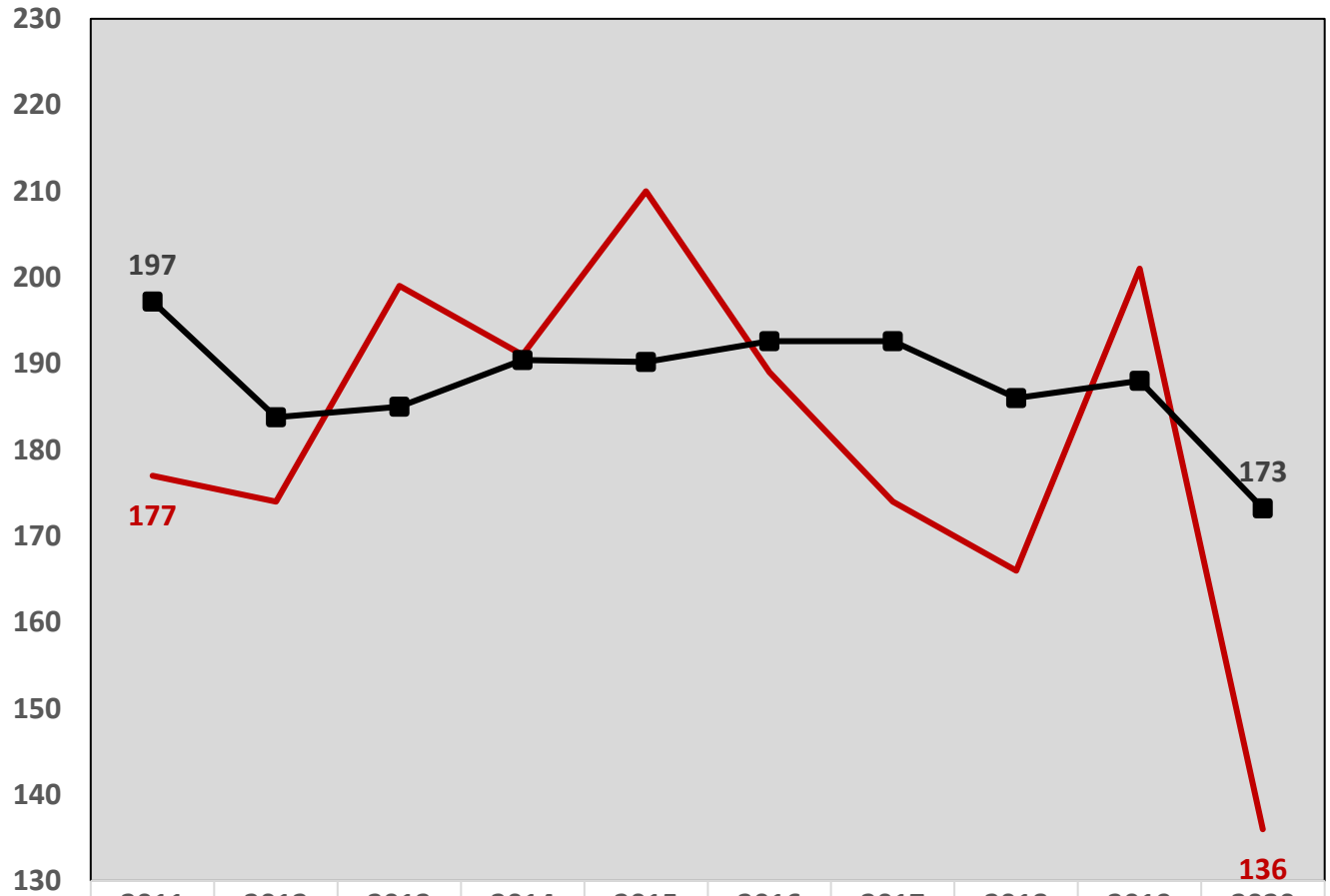
• 69% of All Non-Motorized Fatalities & Serious Injuries were Pedestrians.



NM Fatalities & Serious Injuries	74	57	85	68	64	76	63	75	56	59
5-Year Average	77	75	72	69	70	70	71	69	67	66
Fatalities	16	9	24	12	15	14	15	17	20	17
Serious Injuries	58	48	61	56	49	62	48	58	36	42

Older Driver 65 + YOA Fatalities & Serious Injuries, 2011-2020

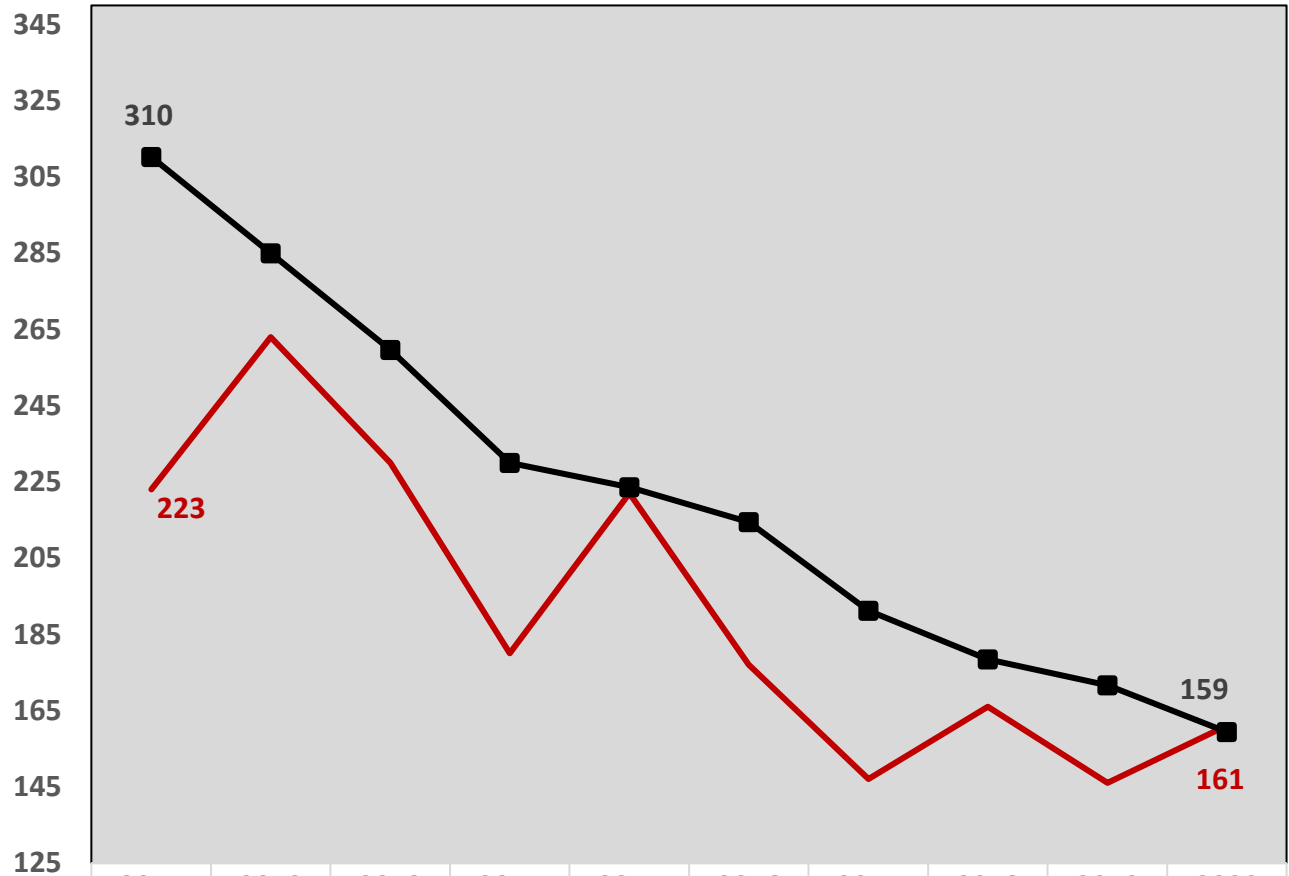
91% of All Older Driver Involved Fatalities & Serious Injuries occurred during Summer months (Jun/Jul/Aug/Sep).



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Older Driver Involved (65+ YOA) Fatalities & Serious Injuries	177	174	199	191	210	189	174	166	201	136
5-Year Average	197	184	185	190	190	193	193	186	188	173
Fatalities	39	26	51	32	46	34	37	29	54	33
Serious Injuries	138	148	148	159	164	155	137	137	147	103

Young Drivers 14-20 YOA Fatalities & Serious Injuries, 2011-2020

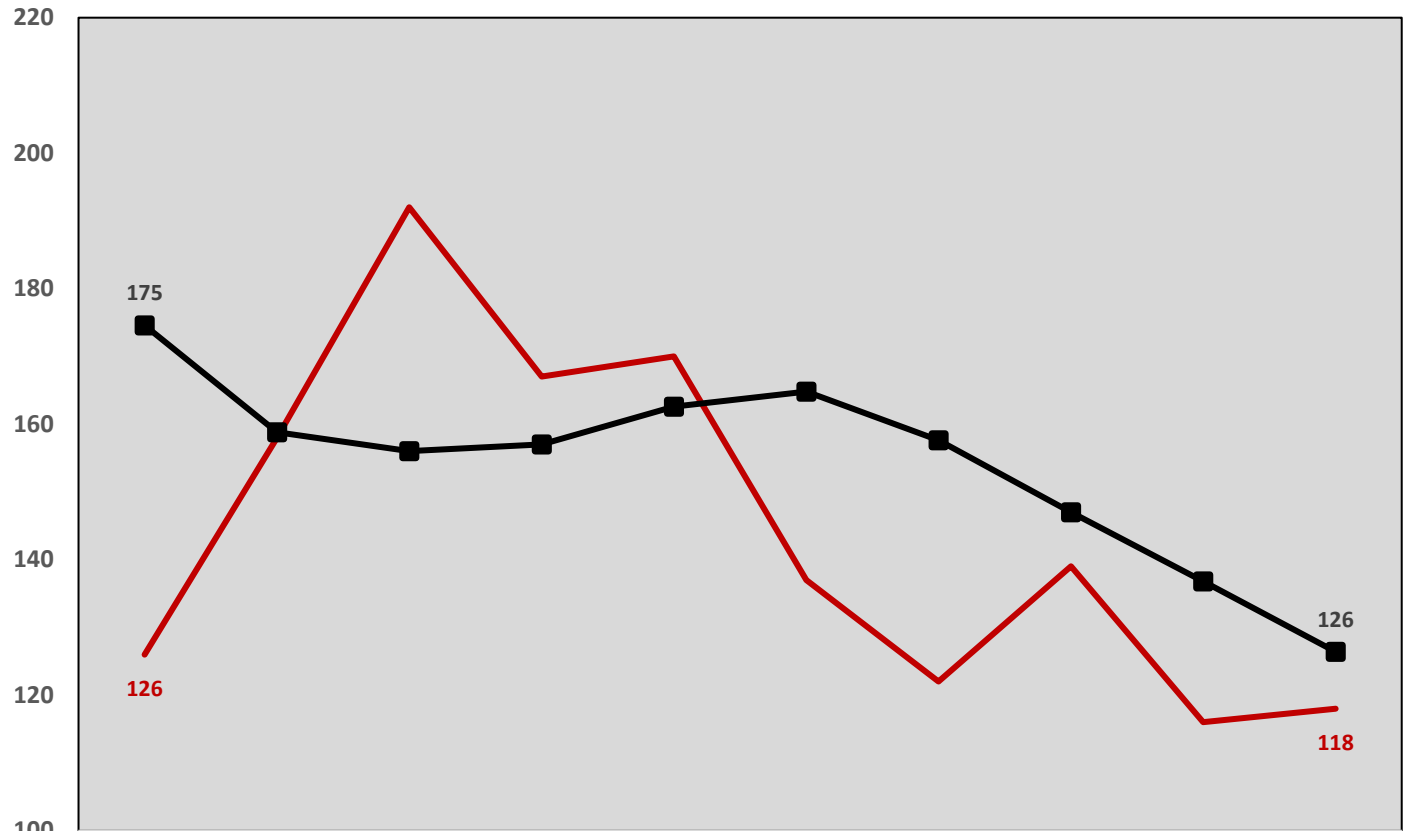
78% of All Young Driver Fatalities & Serious Injuries occurred in Rural Areas



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
— Young Driver Involved (14-20 YOA) Fatalities & Serious Injuries	223	263	230	180	222	177	147	166	146	161
■ 5-Year Average	310	285	260	230	224	214	191	178	172	159
Fatalities	27	26	26	24	36	18	25	29	35	31
Serious Injuries	196	237	204	156	186	159	122	137	111	130

Motorcyclist Fatalities & Serious Injuries, 2011-2020

69% of All Motorcyclist Fatalities & Serious Injuries were Single Vehicle Crashes.



	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Motorcyclist Fatalities & Serious Injuries	126	158	192	167	170	137	122	139	116	118
5-Year Average	175	159	156	157	163	165	158	147	137	126
Fatalities	20	30	34	23	25	17	22	21	22	29
Serious Injuries	106	128	158	144	145	120	100	118	94	89

Headlines

1 dead in Flathead County crash

Road closed in Missoula for investigation of crash that killed 2

One person dead, two injured in Glacier County crash

Wyoming woman killed in rollover crash in Powder River County

St. Ignatius woman dies in Highway 200 crash

Man dies in crash in Sanders County

1 teen dead, another injured in Carter County crash

Police investigating fatal accident involving bus and pedestrian in Missoula

Child dies in ATV crash near Pablo

Broadus teen killed in crash on way to school

2 Dead following head-on crash with semi on HWY 212 near Busby

Hamilton woman dies in crash near Darby

A 63-year-old semi-truck driver from Rhode Island killed in a crash I-90

MHP reports 2 fatalities in two-vehicle crash near Great Falls

Bicyclist killed in crash at Orange and S. 3rd St

Montana Highway Patrol reports 7 fatalities over the weekend, 4/18/2022

Two people die in Sanders County crash including 2-year-old girl

Man dies in one-vehicle crash in Missoula

Great Falls man dies after I-15 crash

Man dies in Gallatin County crash

Young man dies in Ravalli County crash

Crash on US-87 near Roundup kills one, injures two others

Discussion

Topic:

How can agencies and organizations help promote and achieve Vision Zero?

Comprehensive Highway Safety Plan information

<http://www.mdt.mt.gov/visionzero/plans/chsp.shtml>

For questions or more information
please contact:

Pam Langve-Davis, CHSP Manager,
MDT 406-444-7646,
plangvedavis@mt.gov

