



2021

MTCF
Michigan Traffic
Crash Facts

Michigan Traffic Crash Facts

Reporting Criteria

Please pay particular attention to the wording when interpreting the three levels of data gathered for this report.

Crash

The Crash Level analyzes data related to crash events and returns one result per crash.

Examples: Time, weather, and location.

Units

The Units Level analyzes the experience of the units in the crash and returns one result per vehicle, driver, pedestrian, bicyclist, or train.

Examples: Vehicle type, driver condition, and unit events.

People

The People Level analyzes the experience of the people involved in the crash and returns one result per occupant/person/party.

Examples: Age, injury severity, and seat belt or helmet use.

KABCO Injury Indicator:

K = Killed

A = Suspected Serious Injury

B = Suspected Minor Injury

C = Possible Injury

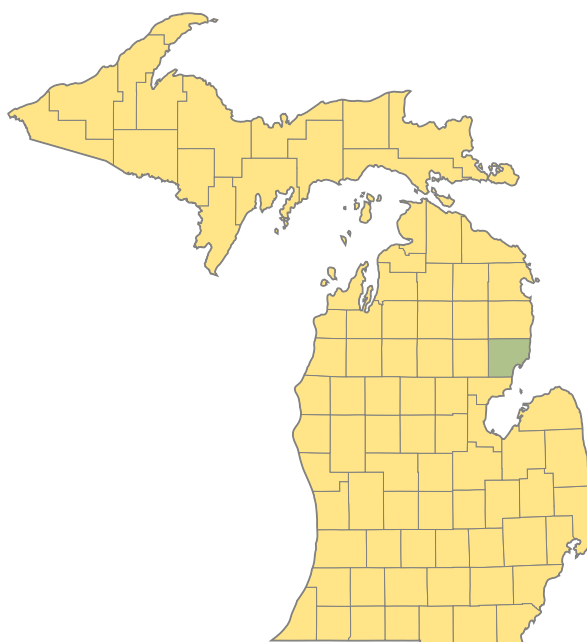
O = No Injury

Property Damage Only (PDO)



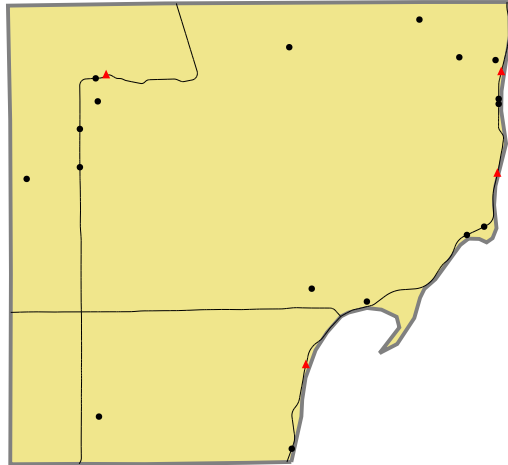
Iosco County

2021 Traffic Crash Data & 2017-2021 5-Year Trends



Sources:

The crashes in this report occurred on public roadways in Michigan and resulted in injuries, fatalities, or property damage (with \$1,000 as a reporting threshold). The information was gathered from Michigan Traffic Crash Report Forms (UD-10) submitted by local police departments, sheriff's offices, and the Michigan State Police. Other related information was obtained from the departments of Transportation, State, and Community Health.



Crashes by most severe injury (mapped/actual)

▲ K - Fatal (4/4)

● A - Suspected Serious (17/17)

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	49	0	9	40	0	11
February	48	0	6	42	0	8
March	34	0	8	26	0	8
April	34	0	6	28	0	8
May	48	0	12	36	0	13
June	53	0	12	41	0	19
July	56	0	12	44	0	17
August	46	1	15	30	1	18
September	49	0	12	37	0	15
October	63	0	11	52	0	13
November	70	2	13	55	3	22
December	60	1	9	50	1	19
Total	610	4	125	481	5	171

2021 - Driver Statistics

Age Group	Iosco County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	3,701	86	1	2.7	116.3
16 - 20	1,071	840	68	634.9	809.5
21 - 24	871	859	57	654.4	663.6
25 - 64	11,921	11,423	530	444.6	464.0
65 +	7,563	7,573	137	181.1	180.9
Unknown	0	0	22	--	--
Total	25,127	20,781	815	324.4	392.2

*2021 Population of Michigan Counties (by single-year of age) not yet available from U.S. Census Bureau.

2021 - Vehicles in Crashes

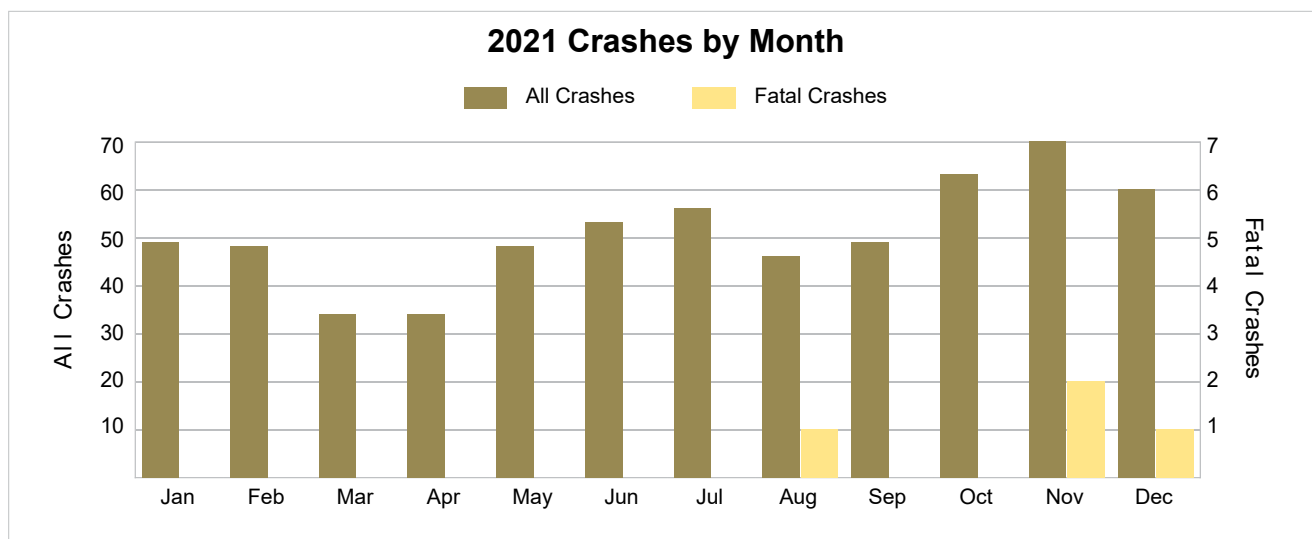
Vehicle Type	Motor Vehicles		Fatal Crashes		Injury Crashes	PDO Crashes
	Number of Vehicles	% of Total	Number	% of Total	Number	Number
Passenger Car, SUV, Van	569	69.8	5	62.5	111	453
Motor Home	2	0.2	0	0.0	1	1
Pickup Truck	199	24.4	1	12.5	47	151
Small Truck Under 10,000 lbs. GVWR	4	0.5	0	0.0	1	3
Motorcycle	11	1.3	0	0.0	10	1
Moped/Goped	1	0.1	0	0.0	1	0
Go-Cart/Golf Cart	0	0.0	0	0.0	0	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	5	0.6	0	0.0	2	3
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	3	0.4	0	0.0	0	3
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	14	1.7	2	25.0	4	8
Uncoded & Errors	7	0.9	0	0.0	1	6
Total	815	100.0	8	100.0	178	629

5-Year Trend - Crashes by Month

Month	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	42	0	66	0	73	0	56	0	49	0
February	28	0	49	2	60	0	40	0	48	0
March	68	1	55	0	41	1	16	0	34	0
April	32	0	63	0	64	0	21	0	34	0
May	42	0	46	0	47	0	44	0	48	0
June	37	0	74	2	68	0	57	0	53	0
July	54	0	77	0	52	0	62	1	56	0
August	43	0	44	0	72	1	48	1	46	1
September	60	0	38	0	43	1	45	1	49	0
October	55	1	52	2	49	2	62	0	63	0
November	51	0	83	0	76	0	54	0	70	2
December	62	1	65	0	57	0	44	0	60	1
Total	574	3	712	6	702	5	549	3	610	4

5-Year Trend - Crashes by Day of Week

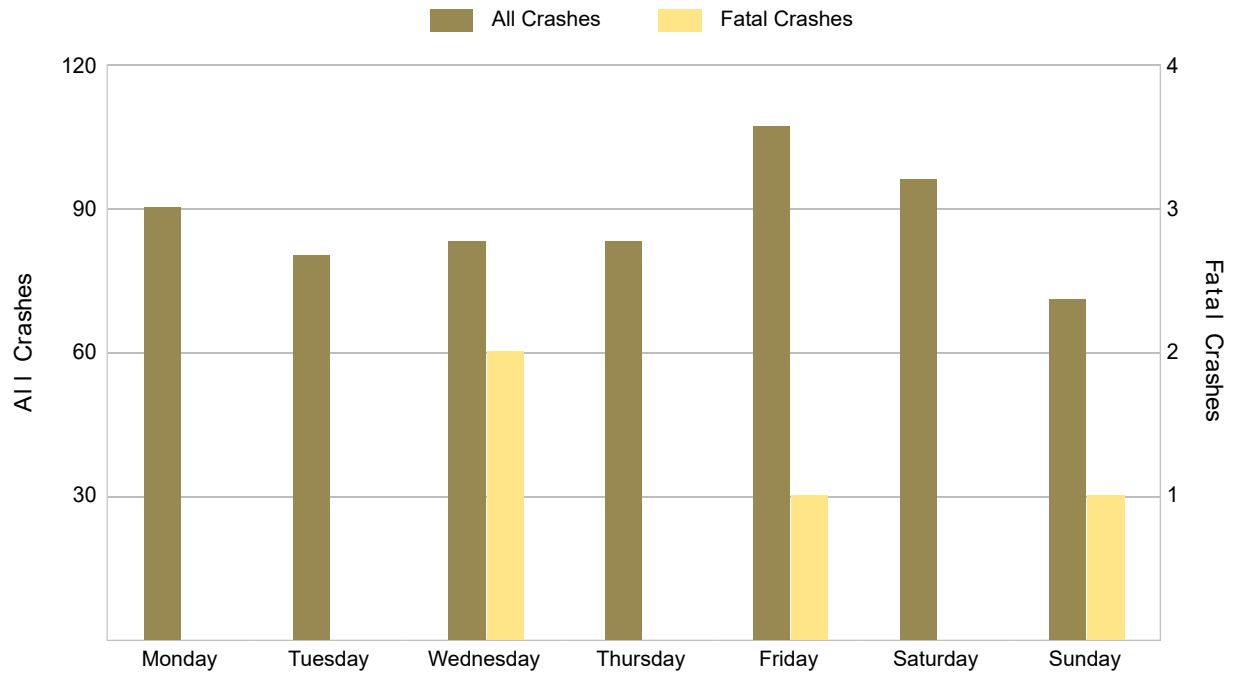
Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	89	1	88	0	106	0	67	1	90	0
Tuesday	72	0	127	1	110	2	63	0	80	0
Wednesday	79	1	98	1	105	1	93	0	83	2
Thursday	91	1	115	2	96	1	92	2	83	0
Friday	86	0	115	2	116	1	78	0	107	1
Saturday	87	0	82	0	90	0	73	0	96	0
Sunday	70	0	87	0	79	0	83	0	71	1
Total	574	3	712	6	702	5	549	3	610	4



2021 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Fatal	% of Fatal	A	B	C	Number
Monday	90	14.8	0	0.0	1	5	15	69
Tuesday	80	13.1	0	0.0	0	6	3	71
Wednesday	83	13.6	2	50.0	2	5	14	60
Thursday	83	13.6	0	0.0	4	6	10	63
Friday	107	17.5	1	25.0	3	4	14	85
Saturday	96	15.7	0	0.0	6	3	11	76
Sunday	71	11.6	1	25.0	1	4	8	57
Total	610	100.0	4	100.0	17	33	75	481

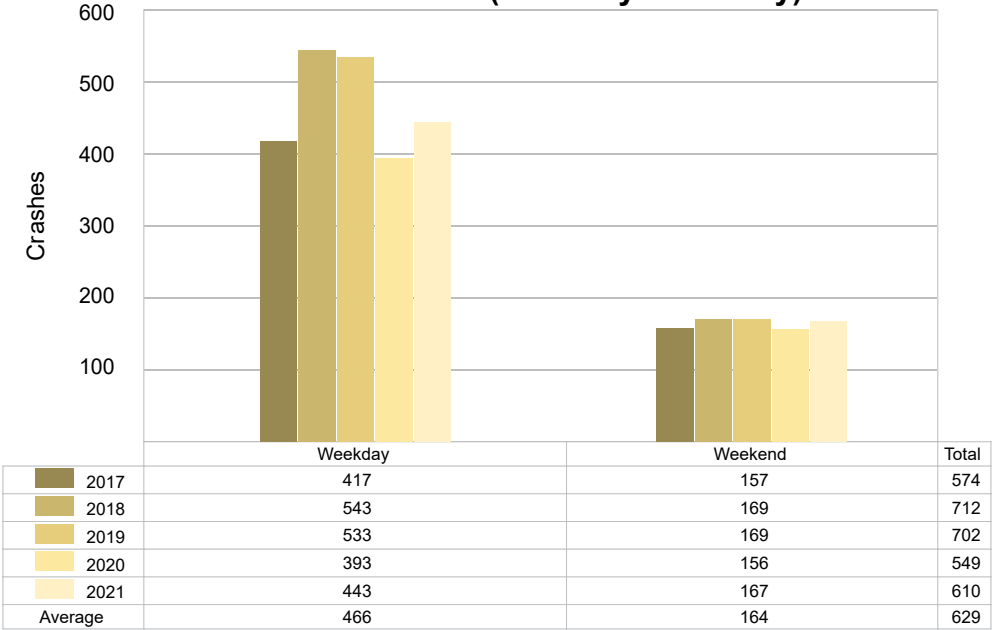
2021 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

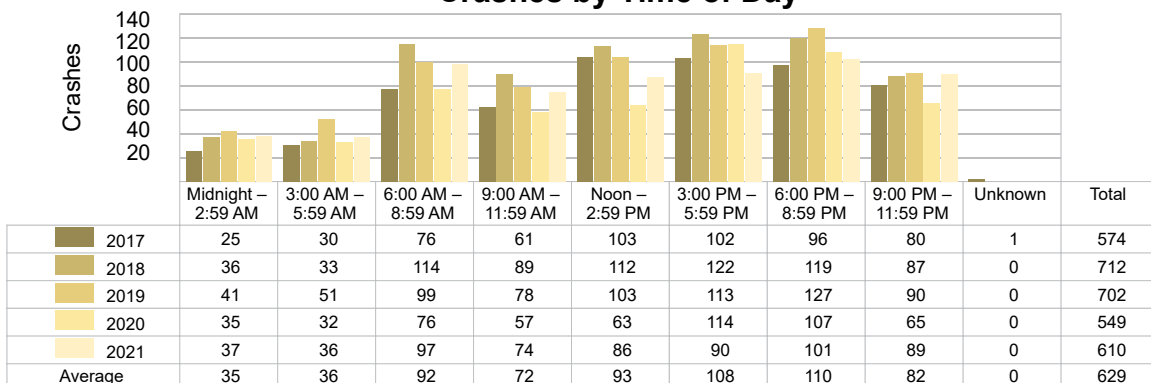
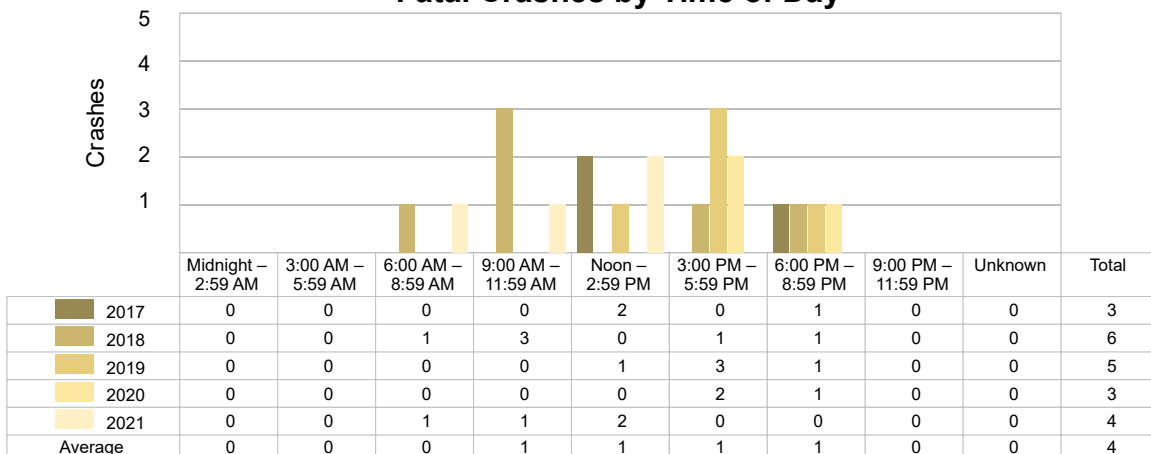
Portion of Week	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	417	3	543	6	533	5	393	3	443	3
Weekend	157	0	169	0	169	0	156	0	167	1
Total	574	3	712	6	702	5	549	3	610	4

5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



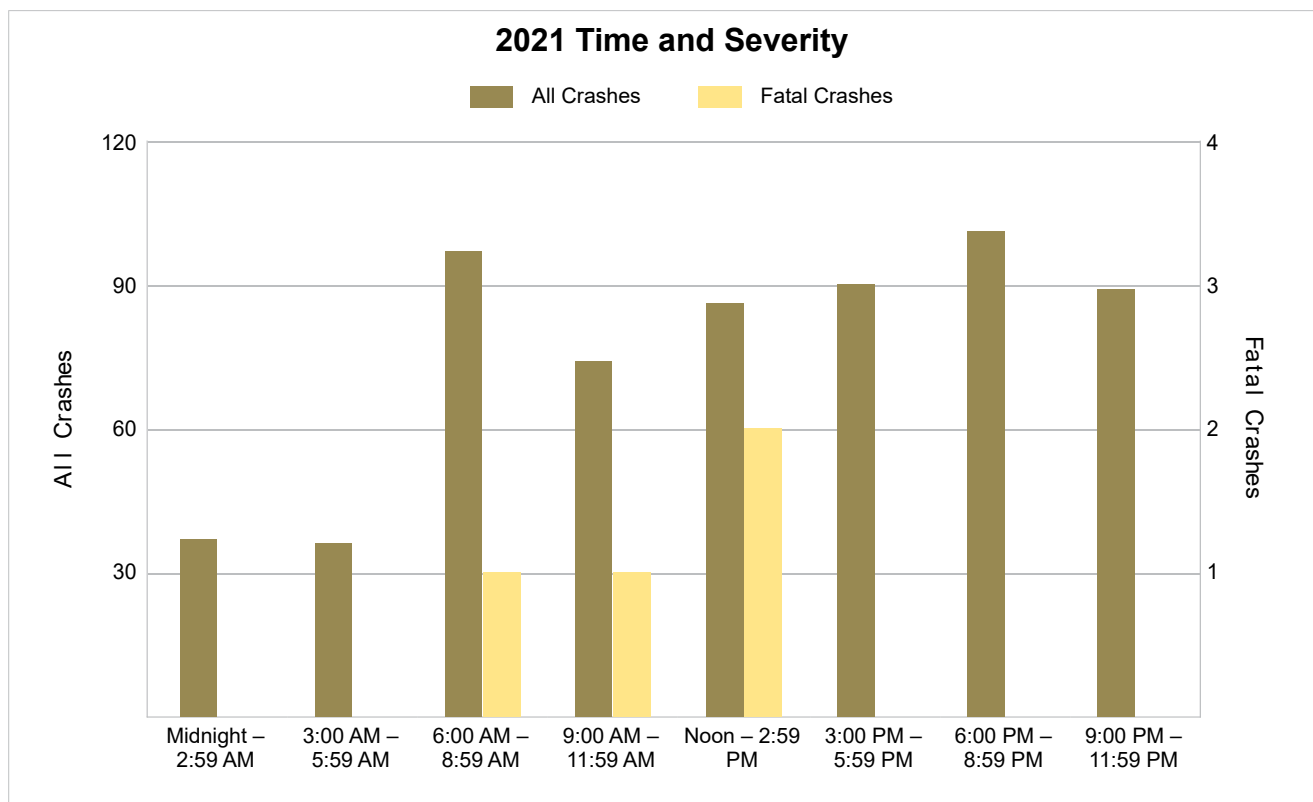
5-Year Trend - Crashes by Time of Day

Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	25	0	36	0	41	0	35	0	37	0
3:00 AM – 5:59 AM	30	0	33	0	51	0	32	0	36	0
6:00 AM – 8:59 AM	76	0	114	1	99	0	76	0	97	1
9:00 AM – 11:59 AM	61	0	89	3	78	0	57	0	74	1
Noon – 2:59 PM	103	2	112	0	103	1	63	0	86	2
3:00 PM – 5:59 PM	102	0	122	1	113	3	114	2	90	0
6:00 PM – 8:59 PM	96	1	119	1	127	1	107	1	101	0
9:00 PM – 11:59 PM	80	0	87	0	90	0	65	0	89	0
Unknown	1	0	0	0	0	0	0	0	0	0
Total	574	3	712	6	702	5	549	3	610	4

5-Year Trend
Crashes by Time of Day5-Year Trend
Fatal Crashes by Time of Day

2021 - Time and Severity

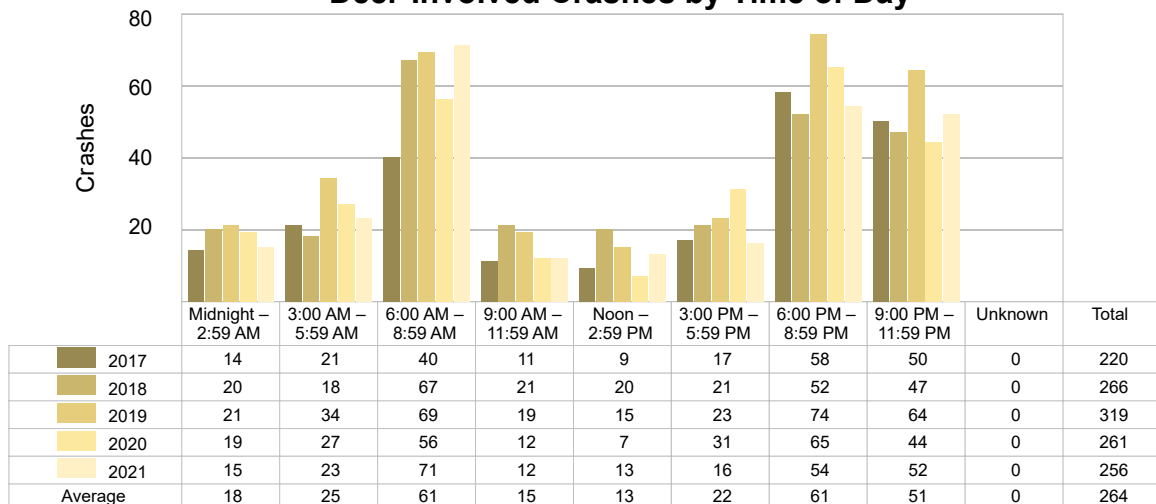
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	37	6.1	0	0.0	0	4	6	27
3:00 AM – 5:59 AM	36	5.9	0	0.0	2	0	1	33
6:00 AM – 8:59 AM	97	15.9	1	25.0	1	3	6	86
9:00 AM – 11:59 AM	74	12.1	1	25.0	1	0	12	60
Noon – 2:59 PM	86	14.1	2	50.0	2	7	9	66
3:00 PM – 5:59 PM	90	14.8	0	0.0	5	7	11	67
6:00 PM – 8:59 PM	101	16.6	0	0.0	3	8	19	71
9:00 PM – 11:59 PM	89	14.6	0	0.0	3	4	11	71
Unknown	0	0.0	0	0.0	0	0	0	0
Total	610	100.0	4	100.0	17	33	75	481



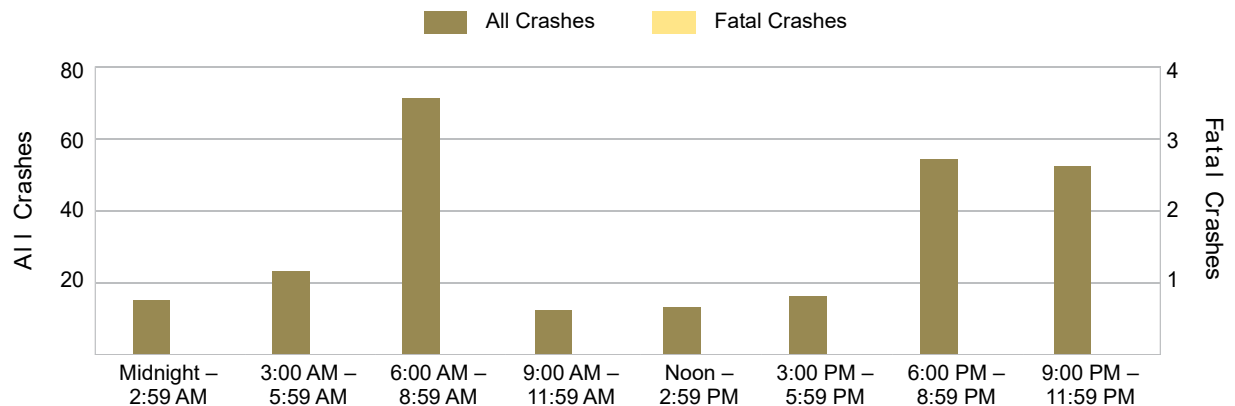
5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	14	0	20	0	21	0	19	0	15	0
3:00 AM – 5:59 AM	21	0	18	0	34	0	27	0	23	0
6:00 AM – 8:59 AM	40	0	67	0	69	0	56	0	71	0
9:00 AM – 11:59 AM	11	0	21	0	19	0	12	0	12	0
Noon – 2:59 PM	9	0	20	0	15	0	7	0	13	0
3:00 PM – 5:59 PM	17	0	21	0	23	0	31	0	16	0
6:00 PM – 8:59 PM	58	0	52	0	74	0	65	0	54	0
9:00 PM – 11:59 PM	50	0	47	0	64	0	44	0	52	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	220	0	266	0	319	0	261	0	256	0

5-Year Trend Deer-Involved Crashes by Time of Day



2021 Time and Severity of Deer-Involved Crashes

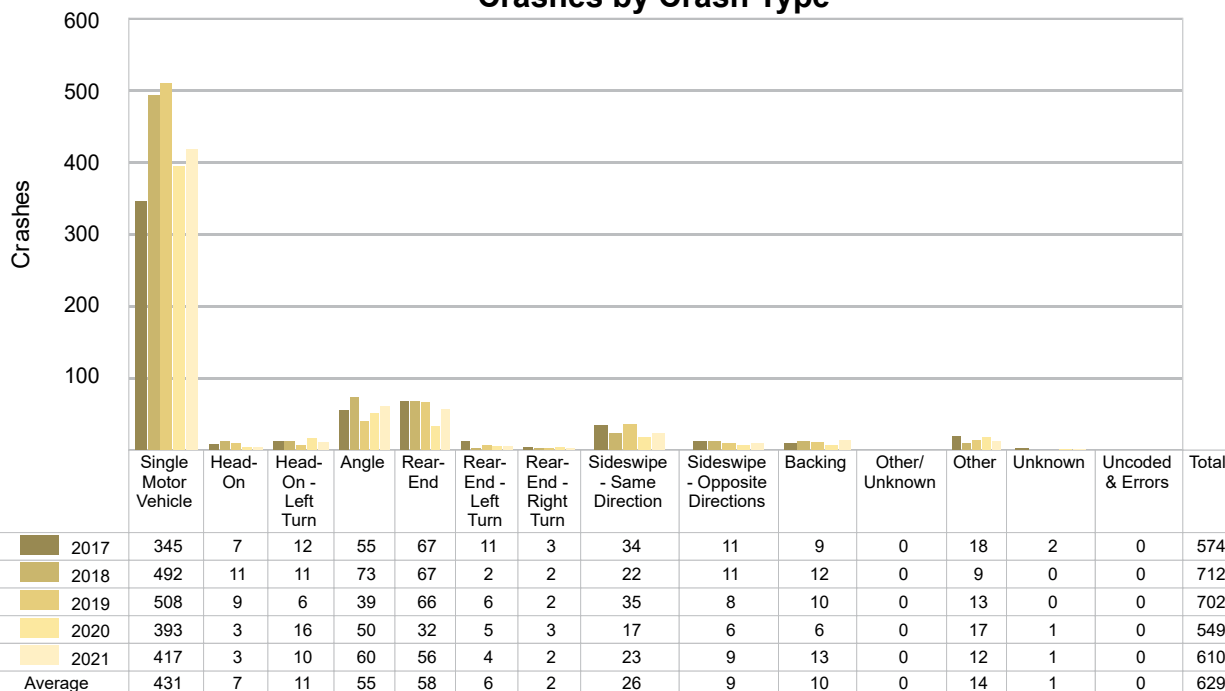


There were no fatal deer-involved crashes in losco County in 2021.

5-Year Trend - Crashes by Crash Type

Crash Type	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single Motor Vehicle	345	0	492	2	508	2	393	2	417	1
Head-On	7	1	11	2	9	1	3	0	3	1
Head-On - Left Turn	12	0	11	0	6	0	16	0	10	0
Angle	55	0	73	0	39	0	50	0	60	0
Rear-End	67	2	67	2	66	2	32	0	56	1
Rear-End - Left Turn	11	0	2	0	6	0	5	0	4	0
Rear-End - Right Turn	3	0	2	0	2	0	3	0	2	0
Sideswipe - Same Direction	34	0	22	0	35	0	17	1	23	0
Sideswipe - Opposite Directions	11	0	11	0	8	0	6	0	9	0
Backing	9	0	12	0	10	0	6	0	13	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	18	0	9	0	13	0	17	0	12	1
Unknown	2	0	0	0	0	0	1	0	1	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	574	3	712	6	702	5	549	3	610	4

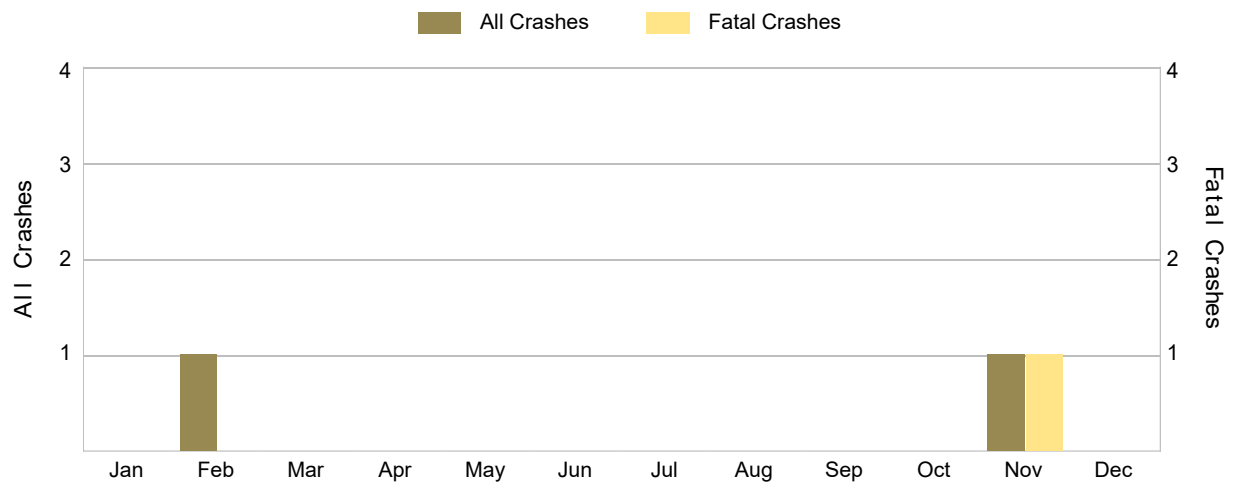
5-Year Trend Crashes by Crash Type



5-Year Trend - Pedestrian-Involved Crashes by Month

Month	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	0	0	0	0	1	0	0	0	0	0
February	1	0	1	0	0	0	0	0	1	0
March	0	0	0	0	0	0	0	0	0	0
April	1	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	1	0	0	0
June	0	0	1	0	1	0	0	0	0	0
July	0	0	1	0	0	0	0	0	0	0
August	0	0	0	0	0	0	2	0	0	0
September	0	0	1	0	0	0	3	0	0	0
October	0	0	0	0	1	1	0	0	0	0
November	0	0	0	0	0	0	0	0	1	1
December	0	0	0	0	1	0	1	0	0	0
Total	2	0	4	0	4	1	7	0	2	1

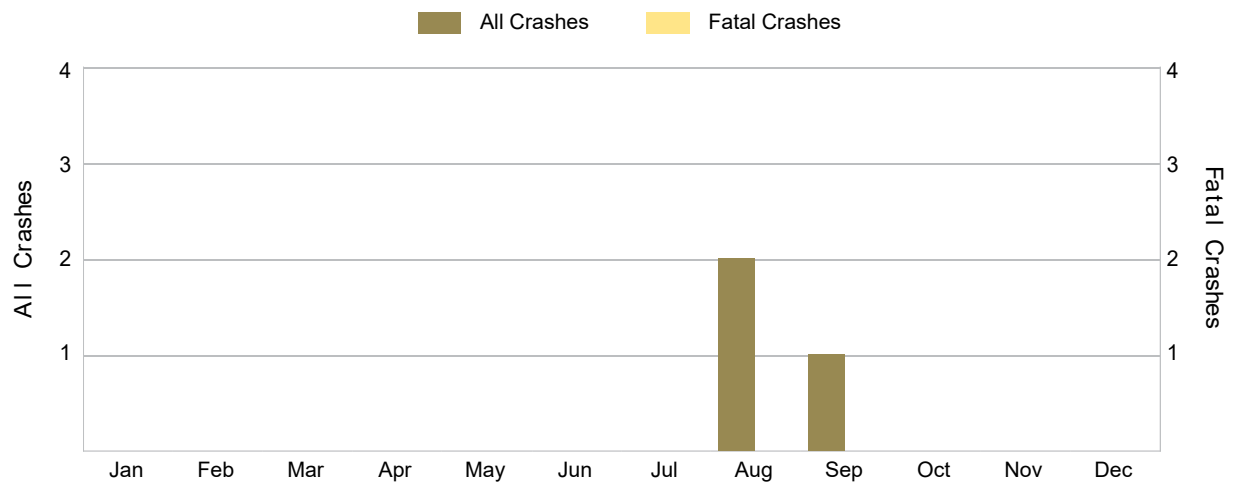
2021 Pedestrian-Involved Crashes by Month



5-Year Trend - Bicyclist-Involved Crashes by Month

Month	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	1	0	0	0	0	0
June	0	0	1	0	0	0	1	0	0	0
July	0	0	1	0	0	0	0	0	0	0
August	0	0	1	0	0	0	1	1	2	0
September	0	0	0	0	0	0	0	0	1	0
October	0	0	0	0	0	0	0	0	0	0
November	1	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0
Total	1	0	3	0	1	0	2	1	3	0

2021 Bicyclist-Involved Crashes by Month



There were no fatal bicyclist-involved crashes in losco County in 2021.

2021 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes												
	Total	Fatal	Injury	Property Damage	Inter-State	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Pedestrian-Involved	Bicyclist-Involved
Alabaster Twp.	32	1	4	27	0	26	0	6	1	0	23	0	0
Au Sable Twp.	25	1	3	21	0	17	0	8	2	2	7	1	1
Baldwin Twp.	33	0	4	29	0	18	0	15	0	0	16	0	0
Burleigh Twp.	34	0	6	28	0	0	21	13	1	0	23	0	0
East Tawas	38	0	11	27	0	29	0	9	2	1	5	1	0
Grant Twp.	26	0	4	22	0	0	12	14	2	0	16	0	0
Oscoda Twp.	156	1	29	126	0	47	12	96	9	3	40	0	0
Plainfield Twp.	73	1	25	47	0	0	34	39	4	1	30	0	0
Reno Twp.	50	0	9	41	0	0	43	7	1	0	31	0	0
Sherman Twp.	12	0	2	10	0	0	0	12	0	0	5	0	0
Tawas City	48	0	9	39	0	28	10	10	0	0	13	0	2
Tawas Twp.	59	0	11	48	0	1	13	45	4	0	36	0	0
Whittemore	4	0	2	2	0	0	2	2	0	1	1	0	0
Wilber Twp.	20	0	6	14	0	0	0	19	3	1	10	0	0
Total	610	4	125	481	0	166	147	295	29	9	256	2	3

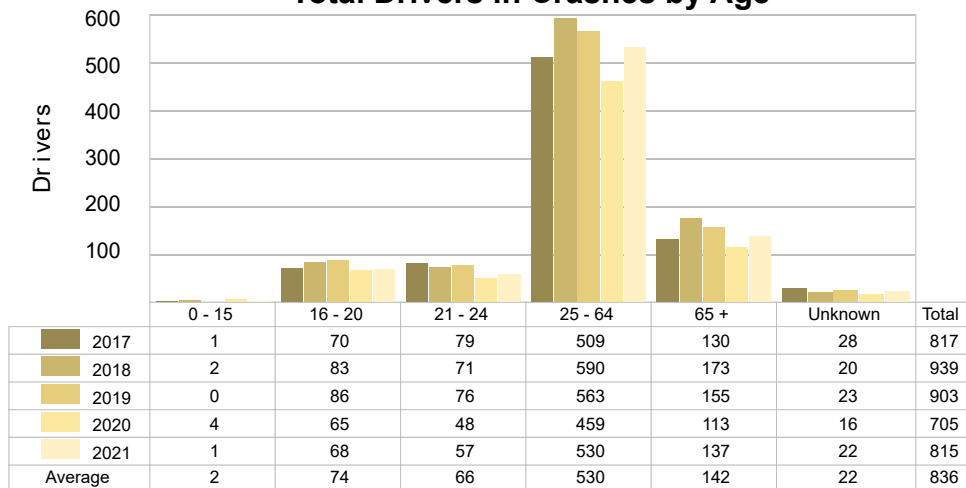
2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Alabaster Twp.	1	2	1	3	34	0
Au Sable Twp.	2	2	0	4	36	1
Baldwin Twp.	0	1	0	5	40	2
Burleigh Twp.	0	1	0	6	35	1
East Tawas	0	5	10	18	69	2
Grant Twp.	0	0	0	5	24	1
Oscoda Twp.	1	10	13	32	205	14
Plainfield Twp.	1	19	15	23	86	3
Reno Twp.	0	0	2	17	67	1
Sherman Twp.	0	0	2	1	12	0
Tawas City	0	0	10	20	95	0
Tawas Twp.	0	1	2	9	55	0
Whittemore	0	0	2	1	3	0
Wilber Twp.	0	0	5	4	17	0
Total	5	41	62	148	778	25

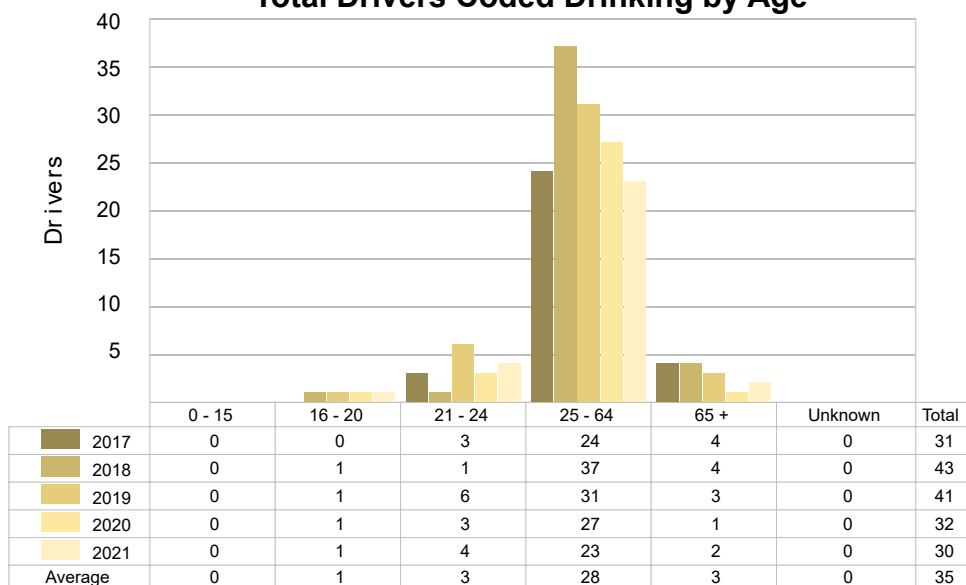
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2017		2018		2019		2020		2021	
	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking
0 - 15	1	0	2	0	0	0	4	0	1	0
16 - 20	70	0	83	1	86	1	65	1	68	1
21 - 24	79	3	71	1	76	6	48	3	57	4
25 - 64	509	24	590	37	563	31	459	27	530	23
65 +	130	4	173	4	155	3	113	1	137	2
Unknown	28	0	20	0	23	0	16	0	22	0
Total	817	31	939	43	903	41	705	32	815	30

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



2021 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

Age Group	Drivers				BAC Result Range for Drivers Coded Drinking				
	Total Drivers in Alcohol-Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	BAC 0.01 g/dL to 0.07 g/dL	BAC 0.08 g/dL to 0.16 g/dL	BAC 0.17 g/dL and Above	BAC Not Reported
0 - 15	0	0	0	0	0	0	0	0	0
16 - 20	1	0	0	1	0	0	0	0	1
21 - 24	4	7	3	4	0	1	0	1	2
25 - 64	24	21	15	23	0	0	0	6	17
65 +	3	4	2	2	0	0	1	0	1
Unknown	4	0	0	0	0	0	0	0	0
Total	36	32	20	30	0	1	1	7	21

Notes: BAC measured in grams (g) per deciliter (dL).

BAC may not be reported if drivers are not tested or if the results are not available immediately (as in the case of a blood test).

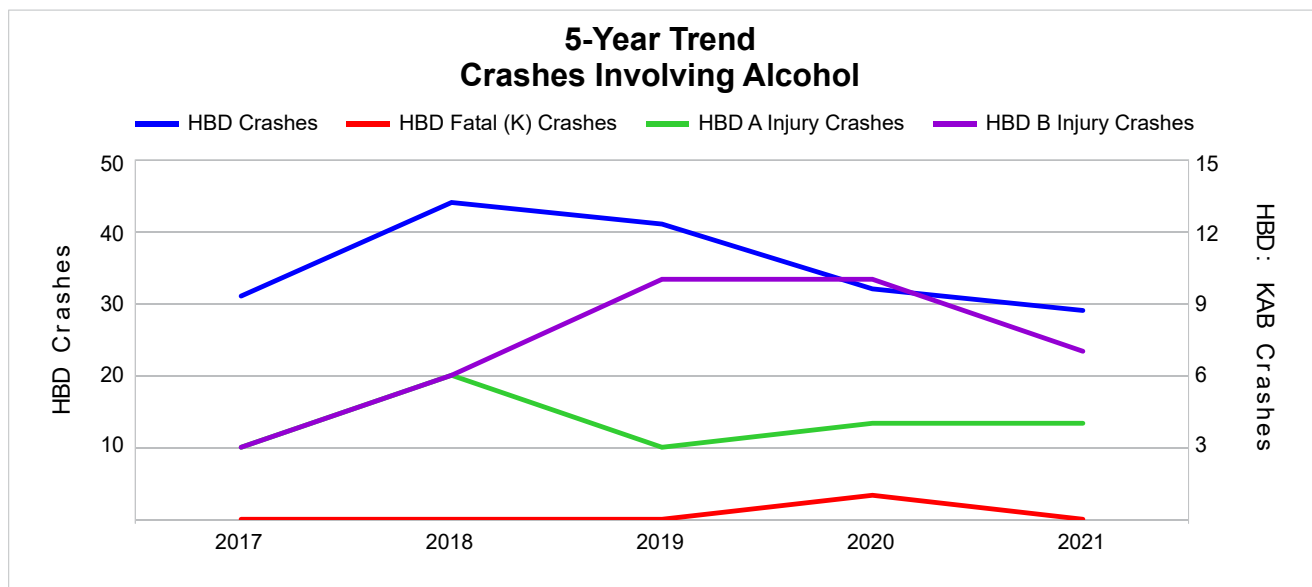
A driver may be coded by the officer as drinking even though no test is administered.

5-Year Trend - Crashes Involving Alcohol

Year	All Crashes	HBD Crashes	% HBD	Fatal Crashes	HBD Fatal Crashes	% HBD	A Injury Crashes	HBD A Injury Crashes	% HBD	B Injury Crashes	HBD B Injury Crashes	% HBD
2017	574	31	5.4	3	0	0.0	20	3	15.0	32	3	9.4
2018	712	44	6.2	6	0	0.0	23	6	26.1	38	6	15.8
2019	702	41	5.8	5	0	0.0	21	3	14.3	38	10	26.3
2020	549	32	5.8	3	1	33.3	22	4	18.2	36	10	27.8
2021	610	29 *	4.8 *	4	0	0.0	17 *	4	23.5	33	7	21.2

Note: * Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column.

** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column.



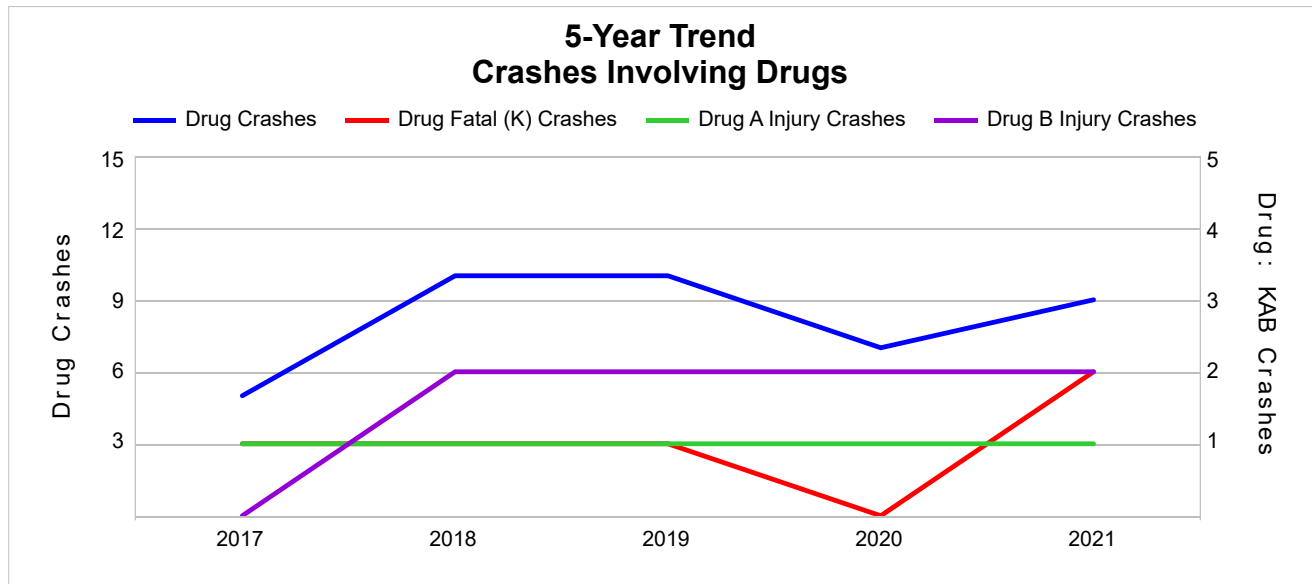
Note: Had-Been-Drinking (HBD)

5-Year Trend - Crashes Involving Drugs

Year	All Crashes	Drug Crashes	% Drug	Fatal Crashes	Drug Fatal Crashes	% Drug	A Injury Crashes	Drug A Injury Crashes	% Drug	B Injury Crashes	Drug B Injury Crashes	% Drug
2017	574	5	0.9	3	1	33.3	20	1	5.0	32	0	0.0
2018	712	10	1.4	6	1	16.7	23	1	4.3	38	2	5.3
2019	702	10	1.4	5	1	20.0	21	1	4.8	38	2	5.3
2020	549	7	1.3	3	0	0.0	22	1	4.5	36	2	5.6
2021	610	9	1.5 **	4	2 **	50.0 **	17 *	1	5.9 **	33	2	6.1 **

Note: * Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column.

** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column.

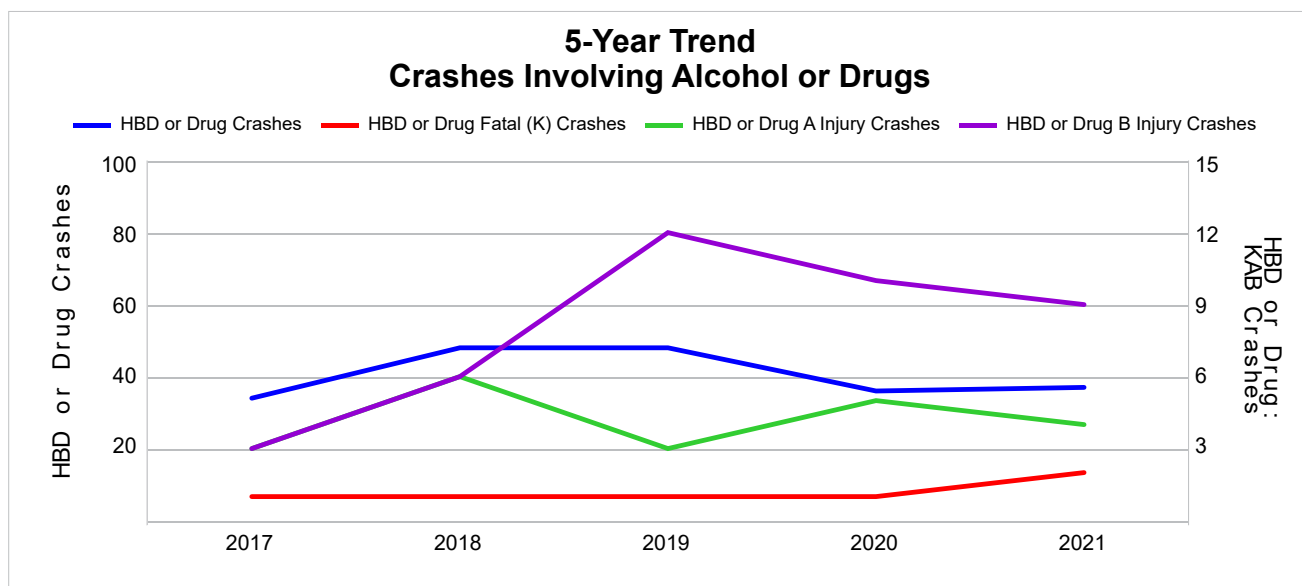


5-Year Trend - Crashes Involving Alcohol or Drugs

Year	All Crashes	HBD or Drug Crashes	% HBD or Drug	Fatal Crashes	HBD or Drug Fatal Crashes	% HBD or Drug	A Injury Crashes	HBD or Drug A Injury Crashes	% HBD or Drug	B Injury Crashes	HBD or Drug B Injury Crashes	% HBD or Drug
2017	574	34	5.9	3	1	33.3	20	3	15.0	32	3	9.4
2018	712	48	6.7	6	1	16.7	23	6	26.1	38	6	15.8
2019	702	48	6.8	5	1	20.0	21	3	14.3	38	12	31.6
2020	549	36	6.6	3	1	33.3	22	5	22.7	36	10	27.8
2021	610	37	6.1	4	2 **	50.0 **	17 *	4	23.5	33	9	27.3

Note: * Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column.

** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column.



Note: Had-Been-Drinking (HBD)

2021 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Vehicle Type

Vehicle Type	Total Occupants			Fatalities			A - Suspected Serious			B - Suspected Minor			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
Passenger Car, SUV, Van	593	563	94.9	3	2	66.7	10	9	90.0	27	23	85.2	77	74	96.1	464	455	98.1
Motor Home	3	3	100.0	0	0	0.0	0	0	0.0	0	0	0.0	2	2	100.0	1	1	100.0
Pickup Truck	206	195	94.7	0	0	0.0	3	1	33.3	10	9	90.0	24	23	95.8	165	162	98.2
Small Truck Under 10,000 lbs. GVWR	4	4	100.0	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0	3	3	100.0
Motorcycle	11	8	72.7	0	0	0.0	3	3	100.0	4	2	50.0	3	2	66.7	1	1	100.0
Moped/Goped	1	1	100.0	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0
Go-Cart/Golf Cart	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Snowmobile	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	5	4	80.0	0	0	0.0	2	1	50.0	0	0	0.0	0	0	0.0	3	3	100.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	3	1	33.3	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	1	50.0
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	14	11	78.6	1	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0	11	11	100.0
Uncoded & Errors	7	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	847	790	93.3	4	2	50.0	20	15	75.0	42	35	83.3	106	101	95.3	650	637	98.0

Note: Restraint Use includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, child restraint used, restraint failure, and helmet worn.

2021 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Age

Age Group	Total Occupants			Fatalities			A - Suspected Serious			B - Suspected Minor			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
0 - 15	5	5	100.0	0	0	0.0	1	1	100.0	3	3	100.0	1	1	100.0	0	0	0.0
16 - 20	71	70	98.6	0	0	0.0	0	0	0.0	4	3	75.0	9	9	100.0	58	58	100.0
21 - 24	60	56	93.3	1	0	0.0	4	3	75.0	3	3	100.0	8	7	87.5	44	43	97.7
25 - 64	548	520	94.9	2	1	50.0	9	5	55.6	25	19	76.0	69	66	95.7	440	429	97.5
65 +	141	139	98.6	1	1	100.0	6	6	100.0	7	7	100.0	19	18	94.7	108	107	99.1
Unknown	22	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	847	790	93.3	4	2	50.0	20	15	75.0	42	35	83.3	106	101	95.3	650	637	98.0

Note: Restraint Use includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, child restraint used, restraint failure, and helmet worn.

5-Year Trend - Restraint Use Among Drivers

Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	2	0	2	3	0	0	2	0	0	2	0	0	1	0	0
Shoulder Belt Only Used	3	0	0	10	1	3	19	0	2	10	0	2	8	0	1
Lap Belt Only Used	1	0	0	3	0	0	1	0	0	2	0	1	1	0	0
Both Lap & Shoulder Belt Used	720	3	81	808	2	103	791	0	78	634	0	79	739	1	112
No Belts Used	11	0	7	10	3	4	8	1	3	4	0	3	11	1	9
Child Restraint Used - Forward Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Not Used, Unavailable or Improper Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Rear Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Booster Seat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Failure	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Use Unknown	65	0	3	93	0	9	60	0	5	38	0	8	41	1	4
Helmet Worn	12	0	8	9	1	7	15	1	11	7	2	5	11	0	8
Helmet Not Worn	2	0	2	2	0	1	7	0	5	8	0	8	1	0	1
Helmet Use Unknown	0	0	0	1	0	1	0	0	0	0	0	0	2	0	2
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	817	3	103	939	7	128	903	2	104	705	2	106	815	3	137

5-Year Trend - Restraint Use Among Drivers Coded Drinking

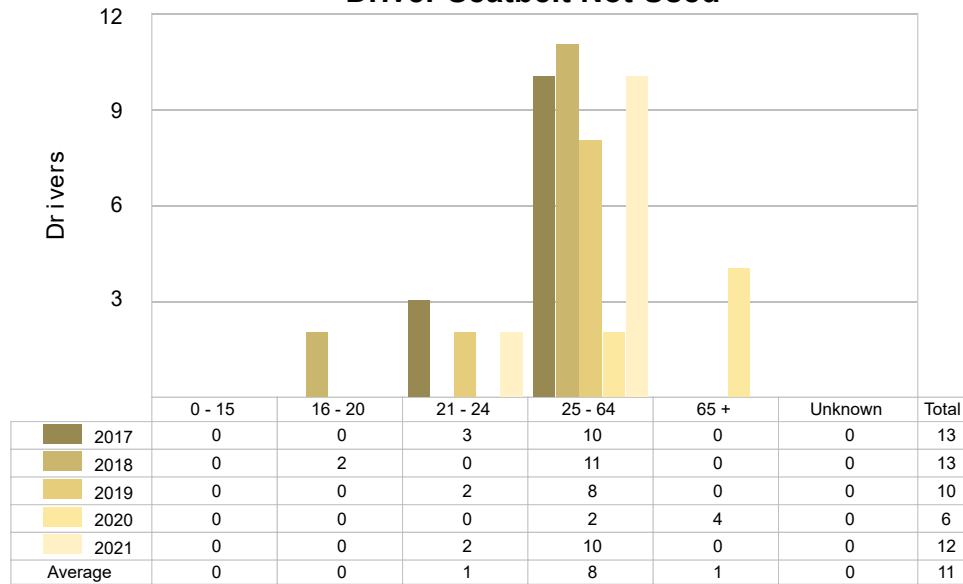
Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoulder Belt Only Used	0	0	0	0	0	0	2	0	0	1	0	1	0	0	0
Lap Belt Only Used	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Both Lap & Shoulder Belt Used	18	0	4	28	0	7	30	0	12	16	0	4	17	0	7
No Belts Used	3	0	3	5	0	3	1	0	1	0	0	0	3	0	3
Child Restraint Used - Forward Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Not Used, Unavailable or Improper Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Rear Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Booster Seat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Failure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Use Unknown	9	0	1	9	0	4	5	0	2	9	0	6	6	0	2
Helmet Worn	0	0	0	1	0	1	0	0	0	1	1	0	2	0	2
Helmet Not Worn	0	0	0	0	0	0	3	0	2	5	0	5	0	0	0
Helmet Use Unknown	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	31	0	8	43	0	15	41	0	17	32	1	16	30	0	15

5-Year Trend - Seatbelt Not Used Among Drivers by Age

Age Group	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 - 20	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0
21 - 24	3	0	3	0	0	0	2	0	2	0	0	0	2	1	1
25 - 64	10	0	6	11	2	4	8	1	1	2	0	1	10	0	8
65 +	0	0	0	0	0	0	0	0	0	4	0	2	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	13	0	9	13	3	4	10	1	3	6	0	3	12	1	9

Note: Seatbelt Not Used includes no belts available or no belts used.

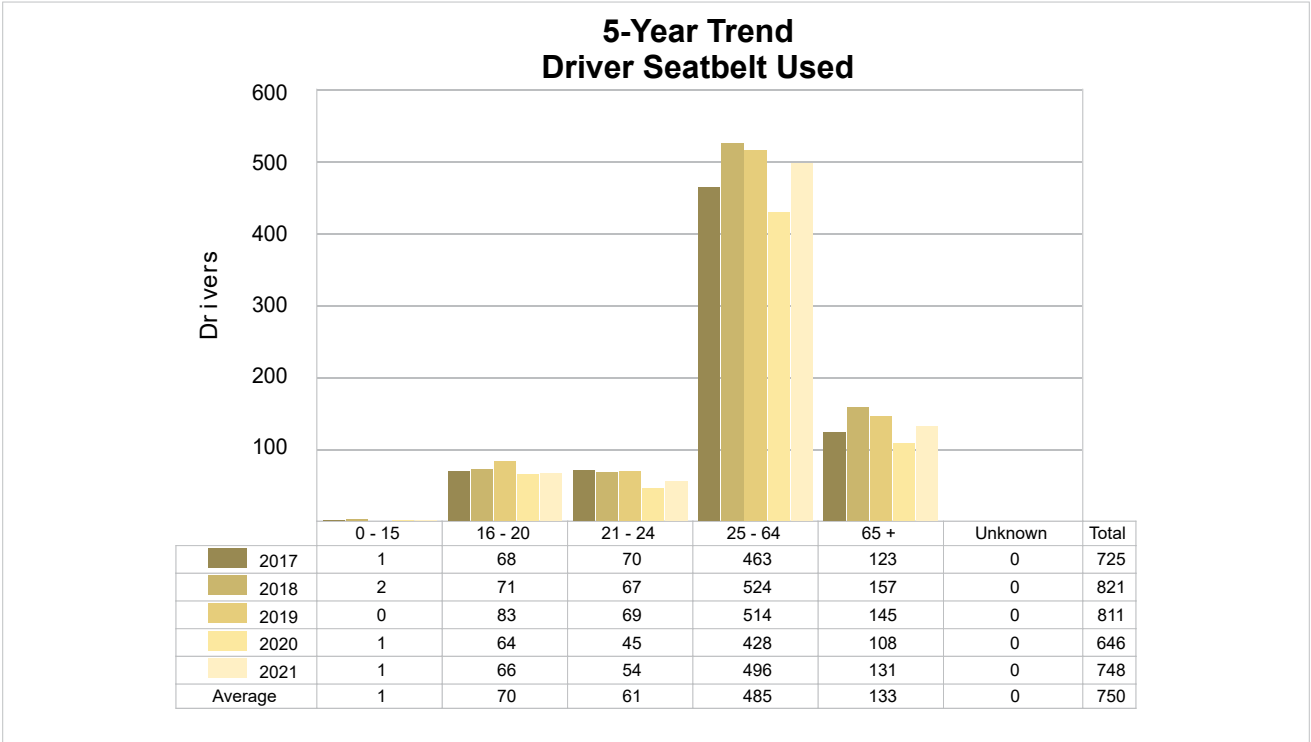
5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	1	0	0	2	0	0	0	0	0	1	0	0	1	0	1
16 - 20	68	0	9	71	0	12	83	0	8	64	0	13	66	0	8
21 - 24	70	0	5	67	0	6	69	0	11	45	0	4	54	0	11
25 - 64	463	2	51	524	2	69	514	0	45	428	0	46	496	0	70
65 +	123	1	16	157	1	19	145	0	16	108	0	19	131	1	23
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	725	3	81	821	3	106	811	0	80	646	0	82	748	1	113

Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.



5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2017		2018		2019		2020		2021	
	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes
None	469	4	524	4	546	5	427	1	487	3
Speed Too Fast	80	2	121	1	107	1	51	1	78	0
Speed Too Slow	0	0	0	0	0	0	0	0	0	0
Failed to Yield	69	0	80	0	52	0	53	1	70	0
Disregard Traffic Control	5	0	16	0	4	0	9	0	10	0
Drove Wrong Way	0	0	0	0	0	0	0	0	0	0
Drove Left of Center	6	0	14	1	6	1	2	0	7	1
Improper Passing	4	0	3	0	8	0	2	0	5	0
Improper Lane Use	15	0	10	0	15	0	11	0	13	0
Improper Turn	6	0	12	0	7	0	6	1	7	0
Improper/No Signal	1	0	1	0	0	0	1	0	0	0
Improper Backing	13	0	16	0	13	0	6	0	13	0
Unable to Stop in Assured Clear Distance	62	0	52	0	57	2	35	0	51	1
Other	24	0	25	1	25	0	22	0	22	0
Unknown	24	0	23	0	19	0	19	0	19	3
Reckless Driving	1	0	5	1	4	0	6	0	6	0
Careless/Negligent Driving	38	1	37	2	40	0	55	0	27	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	817	7	939	10	903	9	705	4	815	8

Office of Highway Safety Planning

Physical Address:
7150 Harris Drive
Dimondale, Michigan 48821

Mailing Address:
P.O. Box 30634
Lansing, Michigan 48909

Find us on the web:
MichiganTrafficCrashFacts.org
mtcf-info@umich.edu

