



2021

Michigan Traffic Crash Facts

MTCF
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

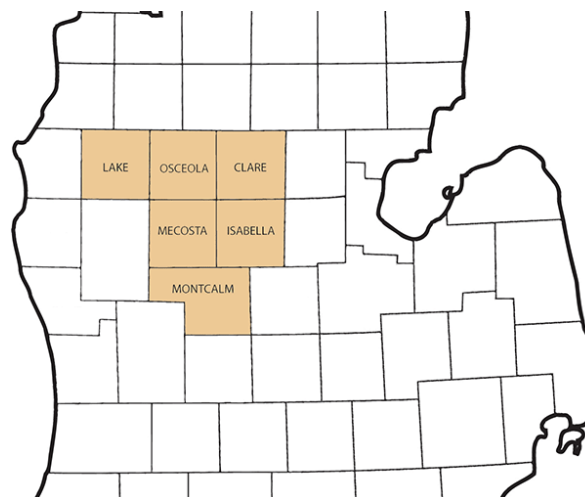
Property Damage Only (PDO)



Traffic Safety Network Chippewa Valley

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

Traffic Safety Network Chippewa Valley is comprised of Clare, Isabella, Lake, Mecosta, Montcalm and Osceola counties. Trend tables for this report are based on those counties.



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.

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	649	1	73	575	1	101
February	593	1	70	522	1	89
March	464	1	53	410	1	67
April	465	0	66	399	0	87
May	579	1	95	483	1	143
June	625	2	91	532	2	138
July	599	3	113	483	3	168
August	572	2	105	465	2	144
September	721	9	103	609	9	164
October	1,031	1	113	917	1	155
November	1,153	4	109	1,040	4	156
December	911	4	89	818	4	118
Total	8,362	29	1,080	7,253	29	1,530

2021 - Driver Statistics

Age Group	TSN Chippewa Valley			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	41,921	981	25	6.0	254.8
16 - 20	22,208	9,250	1,339	602.9	1,447.6
21 - 24	19,092	10,122	1,222	640.1	1,207.3
25 - 64	115,254	100,248	6,913	599.8	689.6
65 +	45,001	44,044	1,337	297.1	303.6
Unknown	0	0	372	--	--
Total	243,476	164,645	11,208	460.3	680.7

*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	8,198	73.1	26	59.1	1,220	6,952
Motor Home	60	0.5	0	0.0	9	51
Pickup Truck	2,289	20.4	11	25.0	310	1,968
Small Truck Under 10,000 lbs. GVWR	93	0.8	0	0.0	7	86
Motorcycle	82	0.7	2	4.5	67	13
Moped/Goped	4	0.0	0	0.0	4	0
Go-Cart/Golf Cart	1	0.0	0	0.0	1	0
Snowmobile	6	0.1	0	0.0	2	4
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	38	0.3	0	0.0	24	14
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	60	0.5	2	4.5	11	47
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	262	2.3	3	6.8	45	214
Uncoded & Errors	115	1.0	0	0.0	5	110
Total	11,208	100.0	44	100.0	1,705	9,459

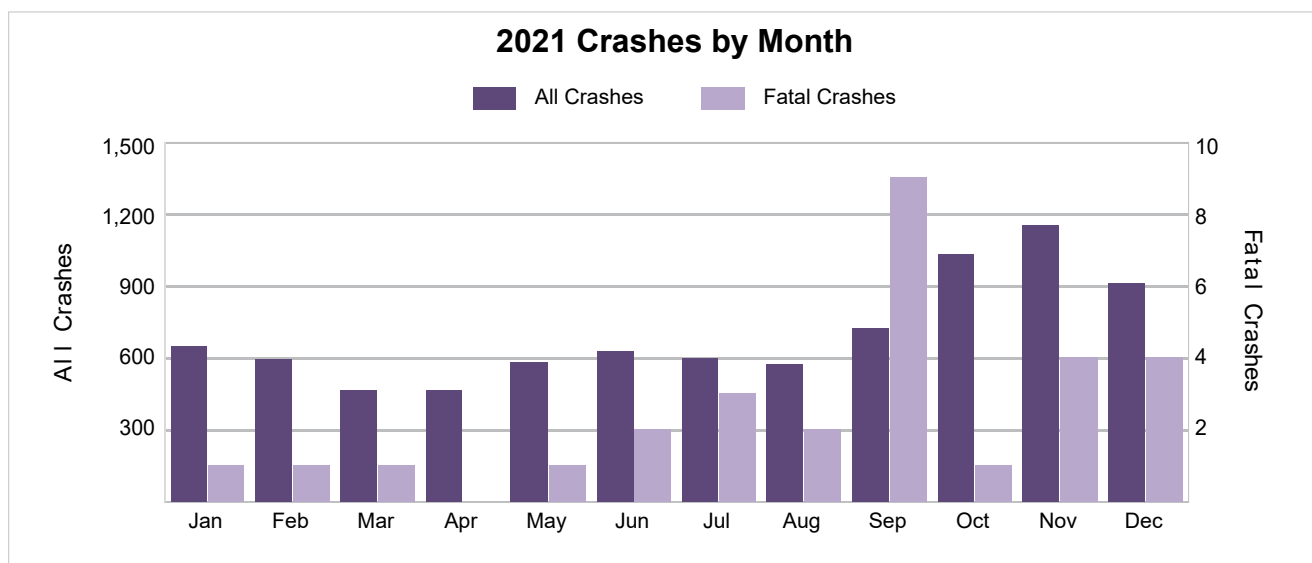
5-Year Trend - Crashes by Month

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	859	3	919	1	920	1	814	2	649	1
February	655	1	701	2	784	1	716	5	593	1
March	718	5	666	1	706	1	405	3	464	1
April	552	2	690	4	626	2	295	2	465	0
May	688	4	622	3	620	4	492	4	579	1
June	756	4	698	3	654	4	673	4	625	2
July	618	4	626	0	585	4	588	6	599	3
August	561	3	559	3	603	5	548	7	572	2
September	756	3	674	5	641	3	656	5	721	9
October	1,185	7	1,117	4	1,106	7	1,090	4	1,031	1
November	1,181	2	1,295	5	1,347	3	977	2	1,153	4
December	1,234	3	886	4	968	3	704	1	911	4
Total	9,763	41	9,453	35	9,560	38	7,958	45	8,362	29

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	1,397	4	1,421	3	1,292	3	1,031	5	1,207	5
Tuesday	1,420	4	1,365	5	1,430	4	1,120	5	1,189	4
Wednesday	1,444	11	1,309	5	1,413	4	1,160	5	1,133	1
Thursday	1,382	4	1,424	3	1,429	10	1,184	11	1,242	5
Friday	1,641 †	4	1,605 †	7	1,554 †	2	1,270 †	9	1,399 †	3
Saturday	1,346	7	1,274	6	1,197	7	1,181	5	1,219	8
Sunday	1,133	7	1,055	6	1,245	8	1,012	5	973	3
Total	9,763	41	9,453	35	9,560	38	7,958	45	8,362	29

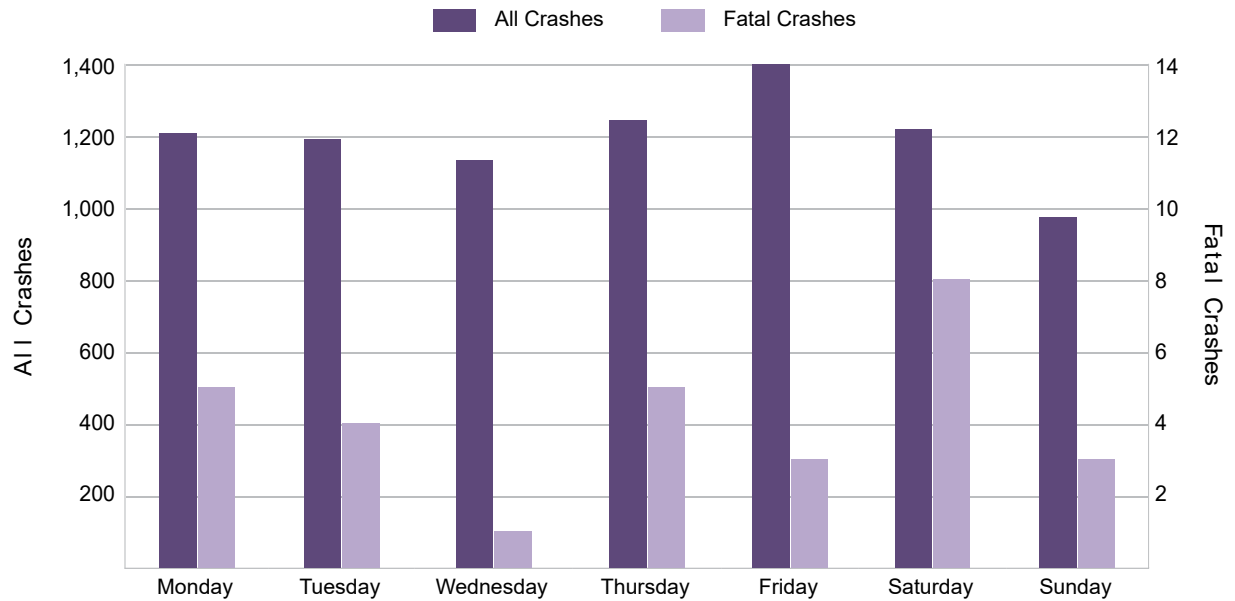
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred on the same day of the week.



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	1,207	14.4	5	17.2	25	55	70	1,052
Tuesday	1,189	14.2	4	13.8	24	47	71	1,043
Wednesday	1,133	13.5	1	3.4	20	40	68	1,004
Thursday	1,242	14.9	5	17.2	22	57	77	1,081
Friday	1,399	16.7	3	10.3	33	49	108	1,206
Saturday	1,219	14.6	8	27.6	36	59	86	1,030
Sunday	973	11.6	3	10.3	23	55	55	837
Total	8,362	100.0	29	100.0	183	362	535	7,253

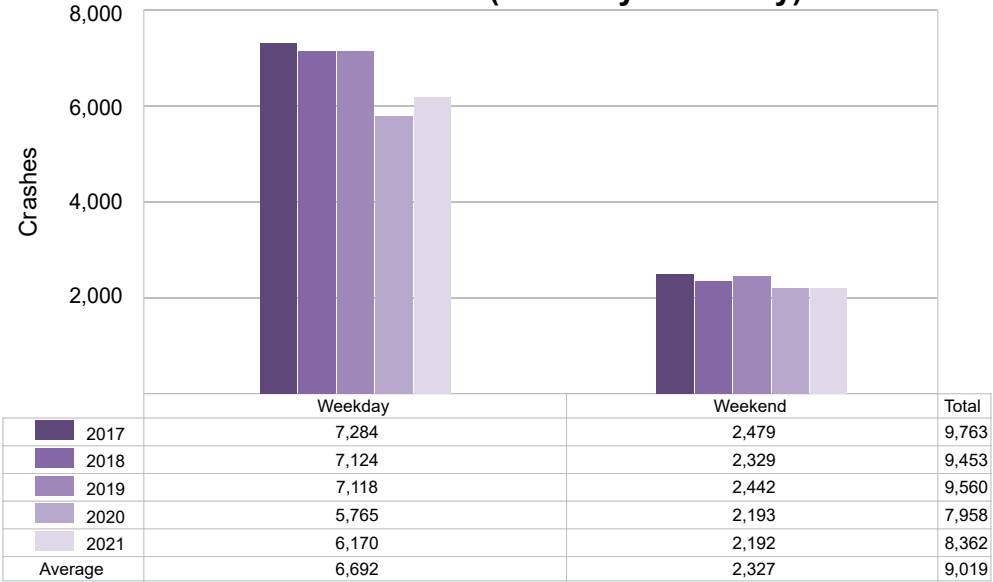
2021 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

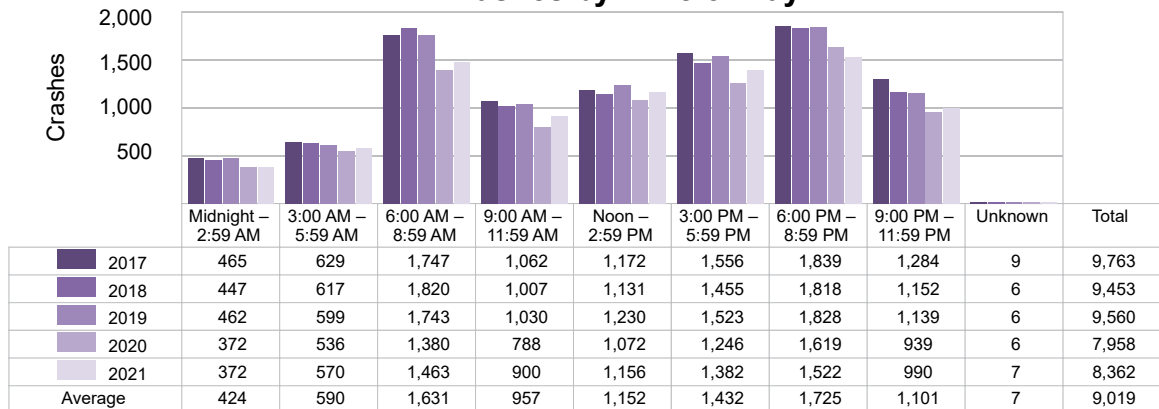
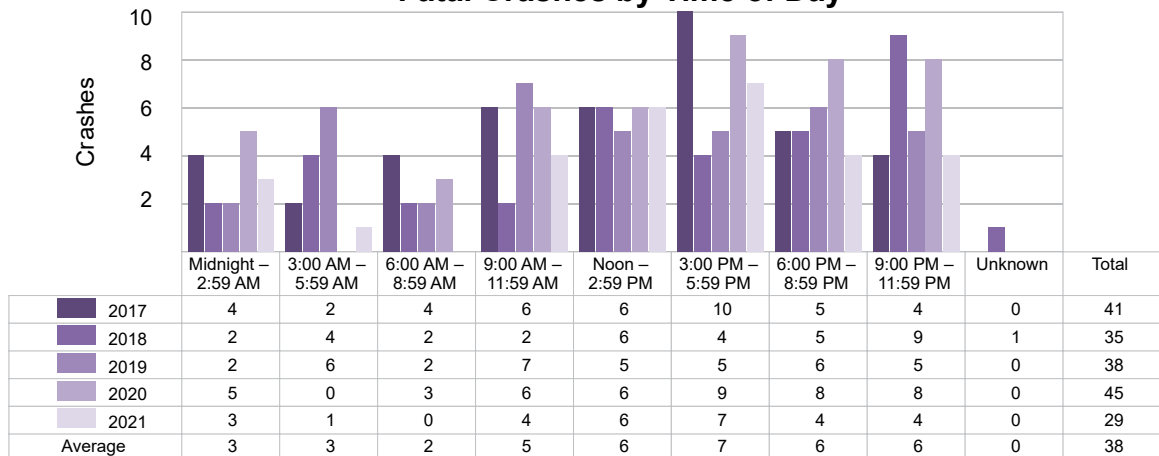
Portion of Week	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	7,284	27	7,124	23	7,118	23	5,765	35	6,170	18
Weekend	2,479	14	2,329	12	2,442	15	2,193	10	2,192	11
Total	9,763	41	9,453	35	9,560	38	7,958	45	8,362	29

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



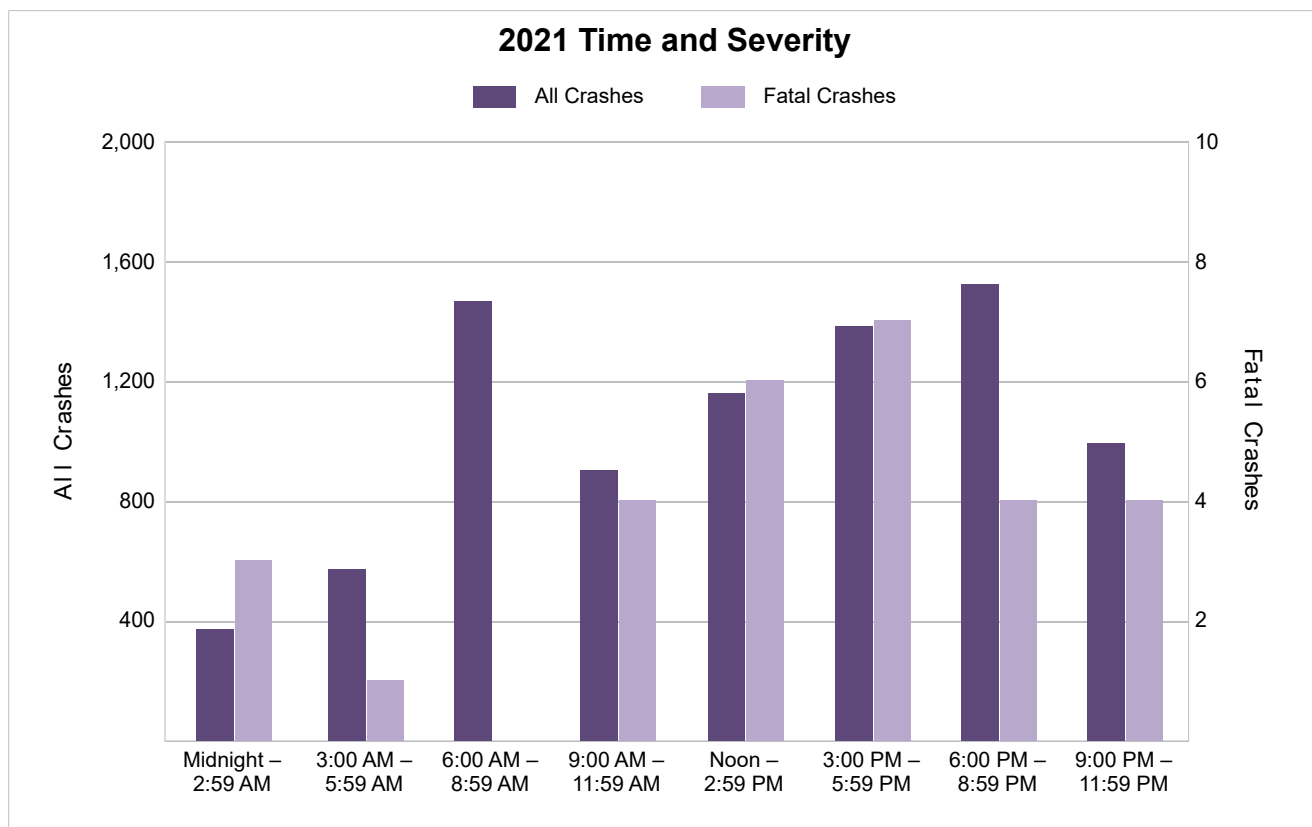
5-Year Trend - Crashes by Time of Day

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	465	4	447	2	462	2	372	5	372	3
3:00 AM – 5:59 AM	629	2	617	4	599	6	536	0	570	1
6:00 AM – 8:59 AM	1,747	4	1,820	2	1,743	2	1,380	3	1,463	0
9:00 AM – 11:59 AM	1,062	6	1,007	2	1,030	7	788	6	900	4
Noon – 2:59 PM	1,172	6	1,131	6	1,230	5	1,072	6	1,156	6
3:00 PM – 5:59 PM	1,556	10	1,455	4	1,523	5	1,246	9	1,382	7
6:00 PM – 8:59 PM	1,839	5	1,818	5	1,828	6	1,619	8	1,522	4
9:00 PM – 11:59 PM	1,284	4	1,152	9	1,139	5	939	8	990	4
Unknown	9	0	6	1	6	0	6	0	7	0
Total	9,763	41	9,453	35	9,560	38	7,958	45	8,362	29

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

2021 - Time and Severity

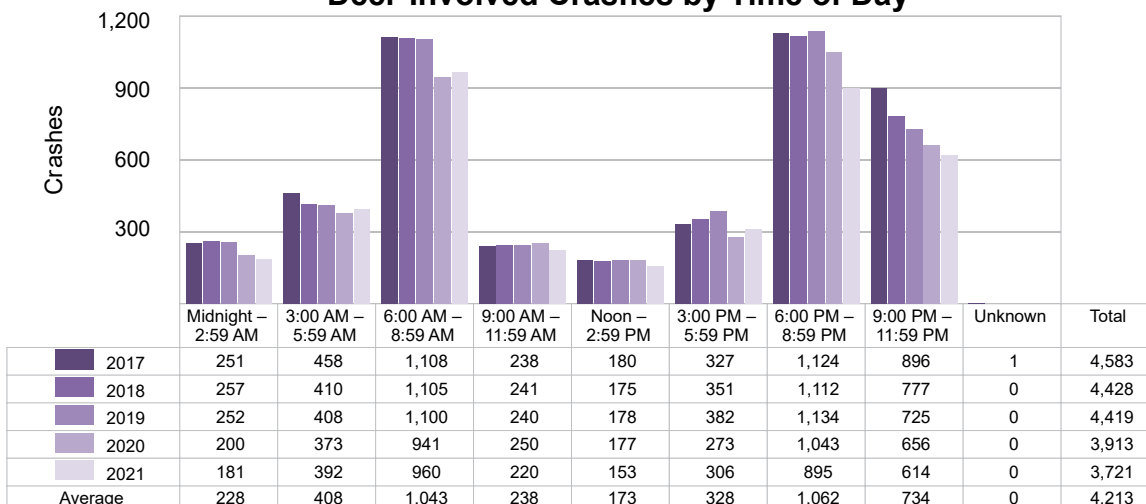
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	372	4.4	3	10.3	17	19	23	310
3:00 AM – 5:59 AM	570	6.8	1	3.4	8	14	18	529
6:00 AM – 8:59 AM	1,463	17.5	0	0.0	12	40	56	1,355
9:00 AM – 11:59 AM	900	10.8	4	13.8	20	43	76	757
Noon – 2:59 PM	1,156	13.8	6	20.7	32	78	111	929
3:00 PM – 5:59 PM	1,382	16.5	7	24.1	40	87	125	1,123
6:00 PM – 8:59 PM	1,522	18.2	4	13.8	31	58	74	1,355
9:00 PM – 11:59 PM	990	11.8	4	13.8	21	23	51	891
Unknown	7	0.1	0	0.0	2	0	1	4
Total	8,362	100.0	29	100.0	183	362	535	7,253



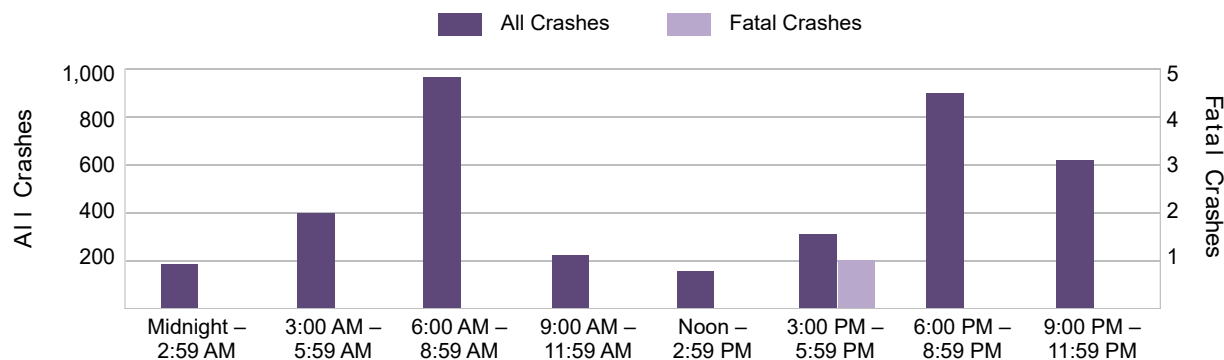
5-Year Trend - Deer-Involved Crashes by Time of Day

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	251	0	257	0	252	0	200	0	181	0
3:00 AM – 5:59 AM	458	0	410	0	408	0	373	0	392	0
6:00 AM – 8:59 AM	1,108	0	1,105	1	1,100	0	941	0	960	0
9:00 AM – 11:59 AM	238	0	241	0	240	0	250	0	220	0
Noon – 2:59 PM	180	0	175	0	178	0	177	0	153	0
3:00 PM – 5:59 PM	327	0	351	0	382	0	273	0	306	1
6:00 PM – 8:59 PM	1,124	0	1,112	0	1,134	0	1,043	0	895	0
9:00 PM – 11:59 PM	896	0	777	1	725	1	656	0	614	0
Unknown	1	0	0	0	0	0	0	0	0	0
Total	4,583	0	4,428	2	4,419	1	3,913	0	3,721	1

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



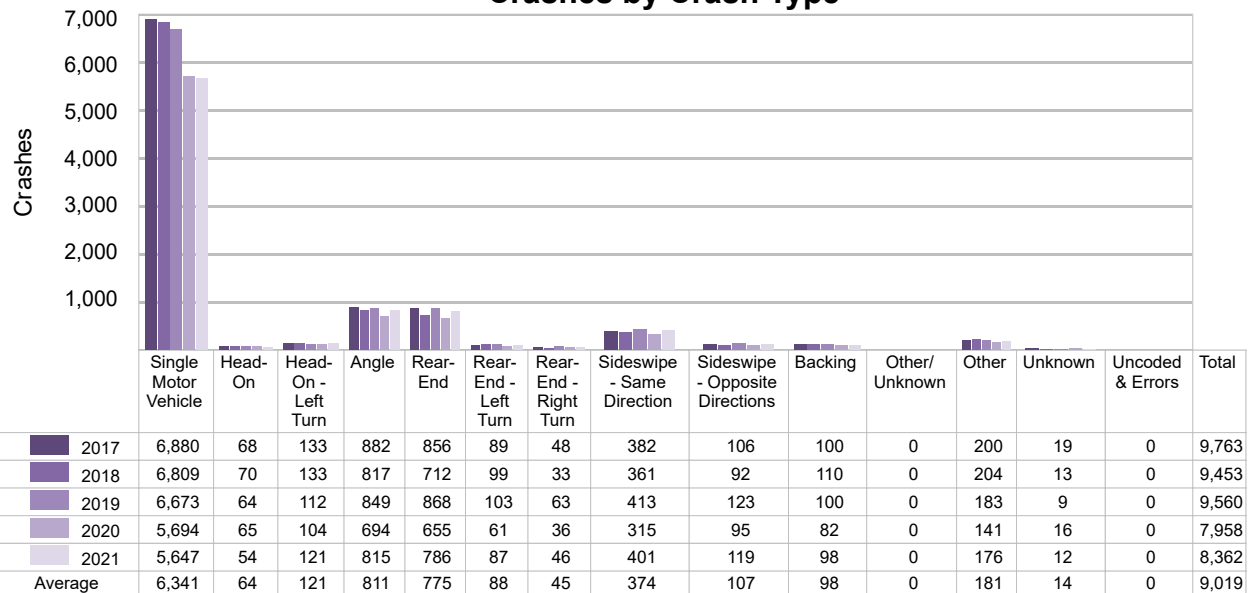
2021 Time and Severity of Deer-Involved Crashes



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	6,880	21	6,809	22	6,673	21	5,694	23	5,647	15
Head-On	68	4	70	5	64	6	65	10	54	4
Head-On - Left Turn	133	5	133	0	112	0	104	1	121	1
Angle	882	6	817	3	849	5	694	6	815	9
Rear-End	856	2	712	0	868	3	655	3	786	0
Rear-End - Left Turn	89	1	99	2	103	0	61	1	87	0
Rear-End - Right Turn	48	0	33	0	63	0	36	0	46	0
Sideswipe - Same Direction	382	0	361	0	413	1	315	0	401	0
Sideswipe - Opposite Directions	106	1	92	0	123	2	95	0	119	0
Backing	100	0	110	0	100	0	82	0	98	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	200	1	204	3	183	0	141	1	176	0
Unknown	19	0	13	0	9	0	16	0	12	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	9,763	41	9,453	35	9,560	38	7,958	45	8,362	29

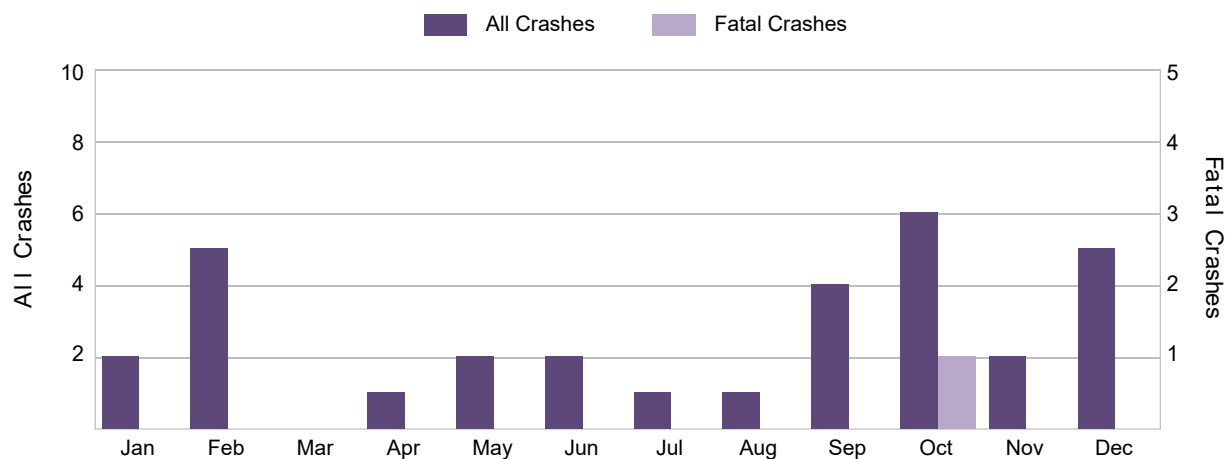
5-Year Trend Crashes by Crash Type



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	6	0	5	0	4	0	0	0	2	0
February	2	0	1	0	2	0	1	1	5	0
March	4	1	2	0	2	0	0	0	0	0
April	2	0	2	1	6	0	1	0	1	0
May	3	1	3	0	2	0	1	0	2	0
June	1	0	4	1	4	1	1	0	2	0
July	2	0	3	0	6	0	6	0	1	0
August	6	1	1	0	5	0	10	2	1	0
September	7	0	4	1	2	0	4	0	4	0
October	4	1	4	0	5	0	5	2	6	1
November	6	1	4	0	3	0	4	0	2	0
December	1	0	2	1	7	1	1	0	5	0
Total	44	5	35	4	48	2	34	5	31	1

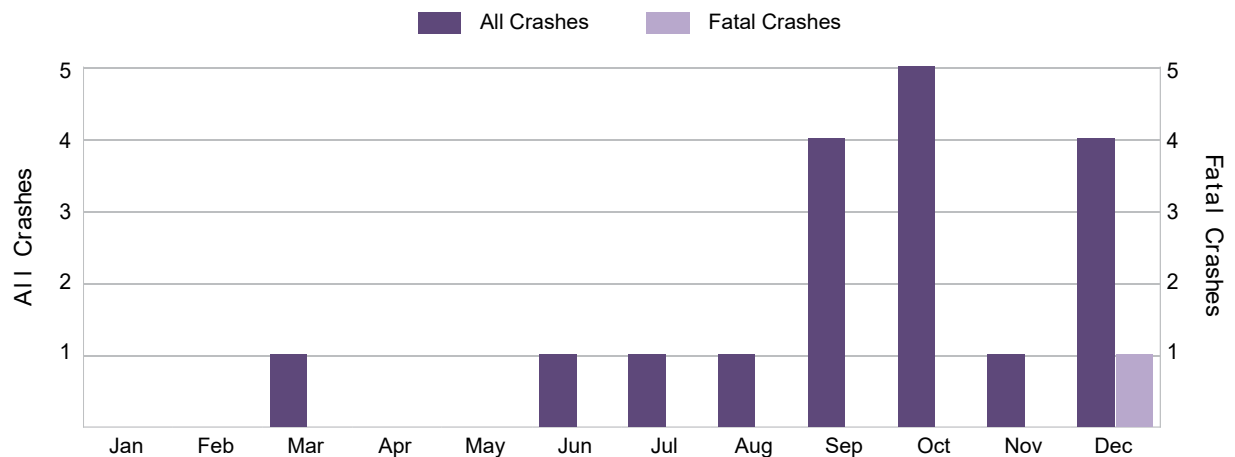
2021 Pedestrian-Involved Crashes by Month



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	1	0	1	0	0	0	0	0	0	0
February	2	0	0	0	0	0	0	0	0	0
March	0	0	2	0	1	0	1	0	1	0
April	0	0	0	0	1	0	1	0	0	0
May	0	0	3	0	1	0	1	0	0	0
June	3	1	3	0	2	0	1	0	1	0
July	6	0	3	0	6	1	3	0	1	0
August	2	0	7	0	6	0	4	0	1	0
September	5	0	3	0	8	0	1	0	4	0
October	1	0	2	0	3	0	1	0	5	0
November	1	0	1	0	1	0	1	0	1	0
December	1	0	1	0	0	0	0	0	4	1
Total	22	1	26	0	29	1	14	0	18	1

2021 Bicyclist-Involved Crashes by Month



2021 - Reported Motor Vehicle Crashes by County

County	Crashes												
	Total	Fatal	Injury	Property Damage	Inter-State	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Pedestrian-Involved	Bicyclist-Involved
Clare	991	2	120	869	0	316	192	483	27	9	458	5	1
Isabella	2,381	8	275	2,098	0	572	298	1,510	64	23	998	12	7
Lake	309	0	37	272	0	86	42	180	9	1	160	0	1
Mecosta	1,765	5	220	1,540	0	206	704	851	48	9	790	5	5
Montcalm	1,877	13	297	1,567	0	137	683	1,054	66	30	758	7	3
Osceola	1,039	1	131	907	0	394	134	511	35	6	557	2	1
Total	8,362	29	1,080	7,253	0	1,711	2,053	4,589	249	78	3,721	31	18

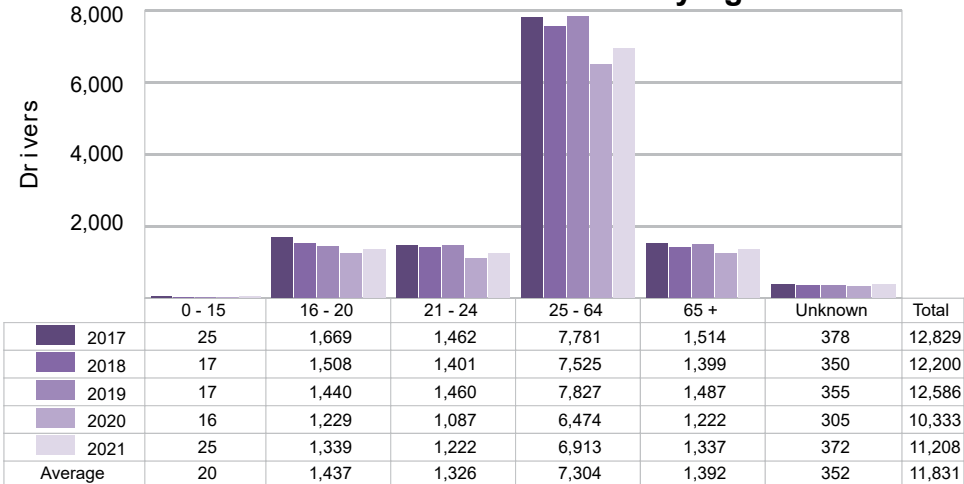
2021 - People in Reported Motor Vehicle Crashes by County

County	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Clare	2	35	103	104	1,306	26
Isabella	8	89	212	333	3,239	134
Lake	0	12	46	39	443	5
Mecosta	5	68	161	254	2,331	80
Montcalm	13	104	220	371	2,650	87
Osceola	1	75	86	114	1,343	31
Total	29	383	828	1,215	11,312	363

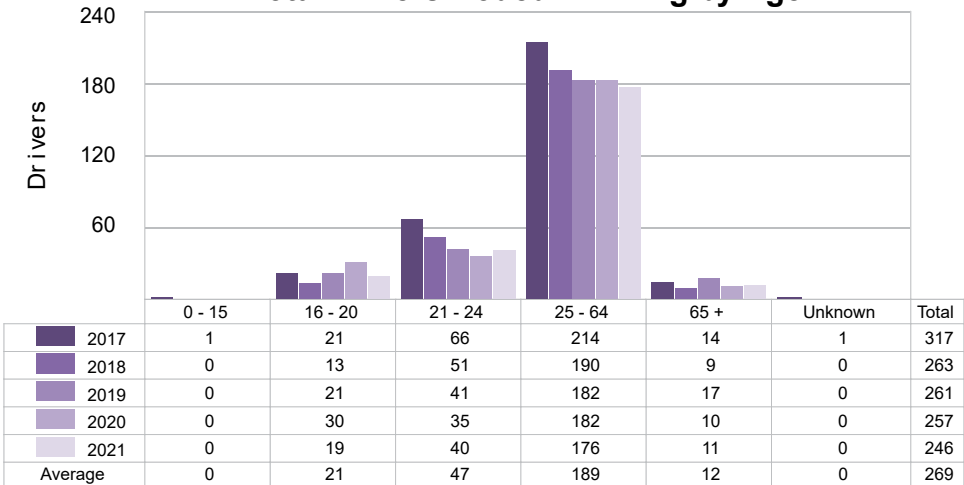
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	25	1	17	0	17	0	16	0	25	0
16 - 20	1,669	21	1,508	13	1,440	21	1,229	30	1,339	19
21 - 24	1,462	66	1,401	51	1,460	41	1,087	35	1,222	40
25 - 64	7,781	214	7,525	190	7,827	182	6,474	182	6,913	176
65 +	1,514	14	1,399	9	1,487	17	1,222	10	1,337	11
Unknown	378	1	350	0	355	0	305	0	372	0
Total	12,829	317	12,200	263	12,586	261	10,333	257	11,208	246

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	27	22	16	19	0	1	9	2	7
21 - 24	46	45	32	40	0	0	18	11	11
25 - 64	216	178	130	176	0	12	43	47	74
65 +	19	17	10	11	0	3	5	2	1
Unknown	4	0	0	0	0	0	0	0	0
Total	312	262	188	246	0	16	75	62	93

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).

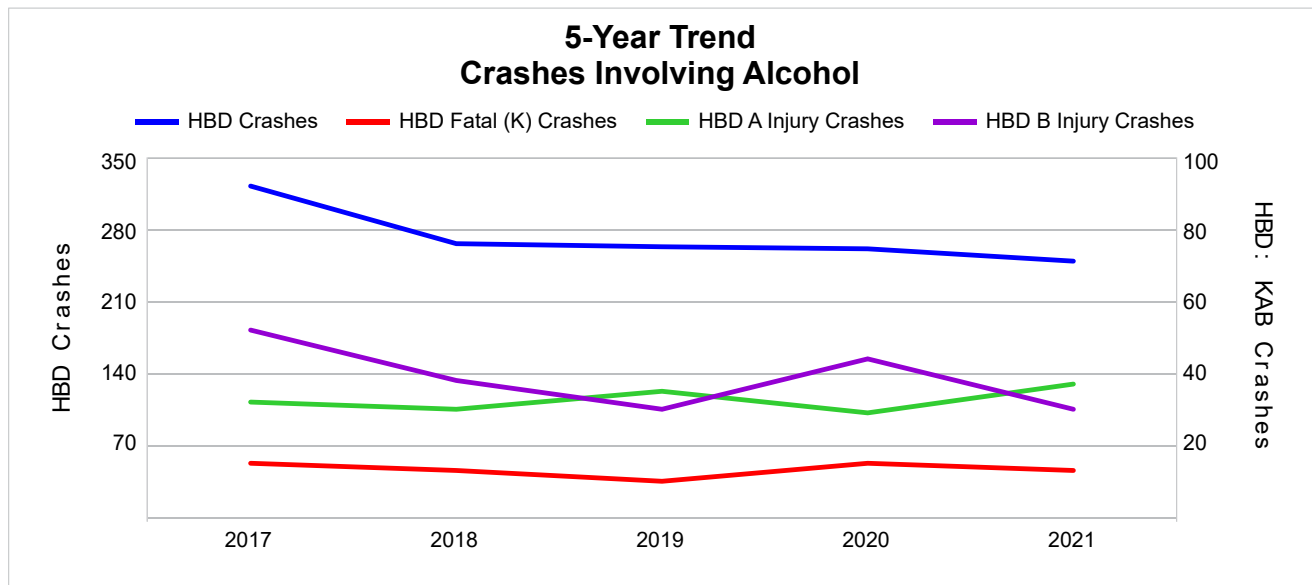
A driver may be coded by the officer as drinking even though no test is administered.

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	9,763	322	3.3	41	15	36.6	195	32	16.4	403	52	12.9
2018	9,453	266	2.8	35	13	37.1	206	30	14.6	415	38	9.2
2019	9,560	263	2.8	38	10	26.3	189	35	18.5	348	30	8.6
2020	7,958	261	3.3	45	15	33.3	176	29	16.5	323	44	13.6
2021	8,362	249 *	3.0	29 *	13	44.8 **	183	37 **	20.2 **	362	30	8.3 *

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.



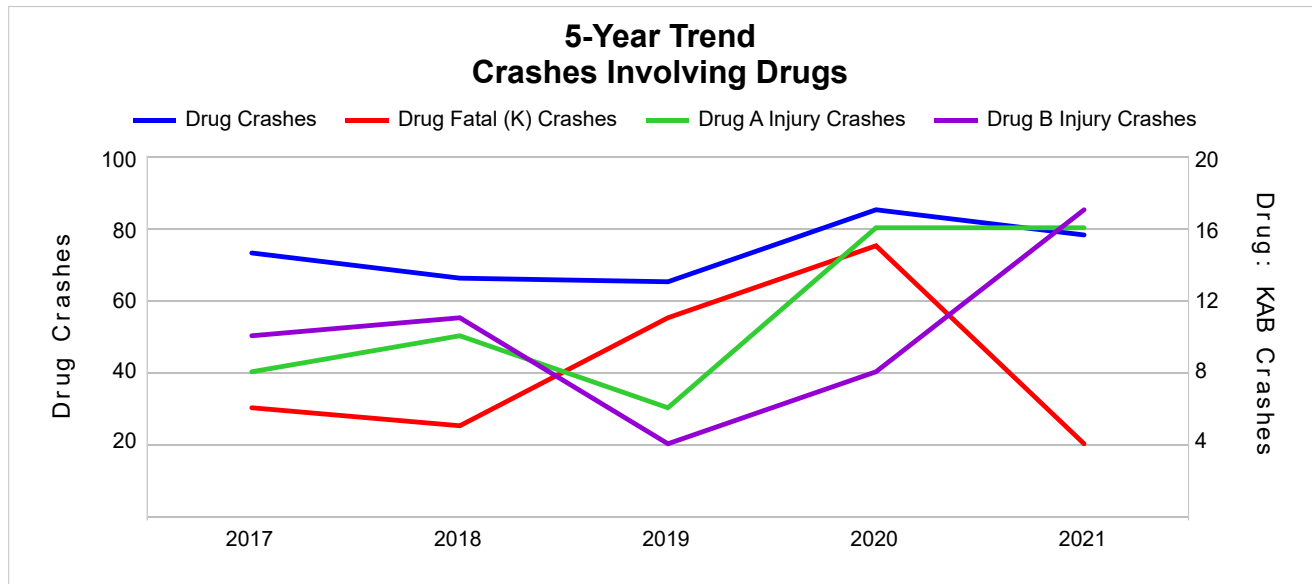
Note: Had-Been-Drinking (HBD)

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	9,763	73	0.7	41	6	14.6	195	8	4.1	403	10	2.5
2018	9,453	66	0.7	35	5	14.3	206	10	4.9	415	11	2.7
2019	9,560	65	0.7	38	11	28.9	189	6	3.2	348	4	1.1
2020	7,958	85	1.1	45	15	33.3	176	16	9.1	323	8	2.5
2021	8,362	78	0.9	29 *	4 *	13.8 *	183	16	8.7	362	17 **	4.7 **

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.

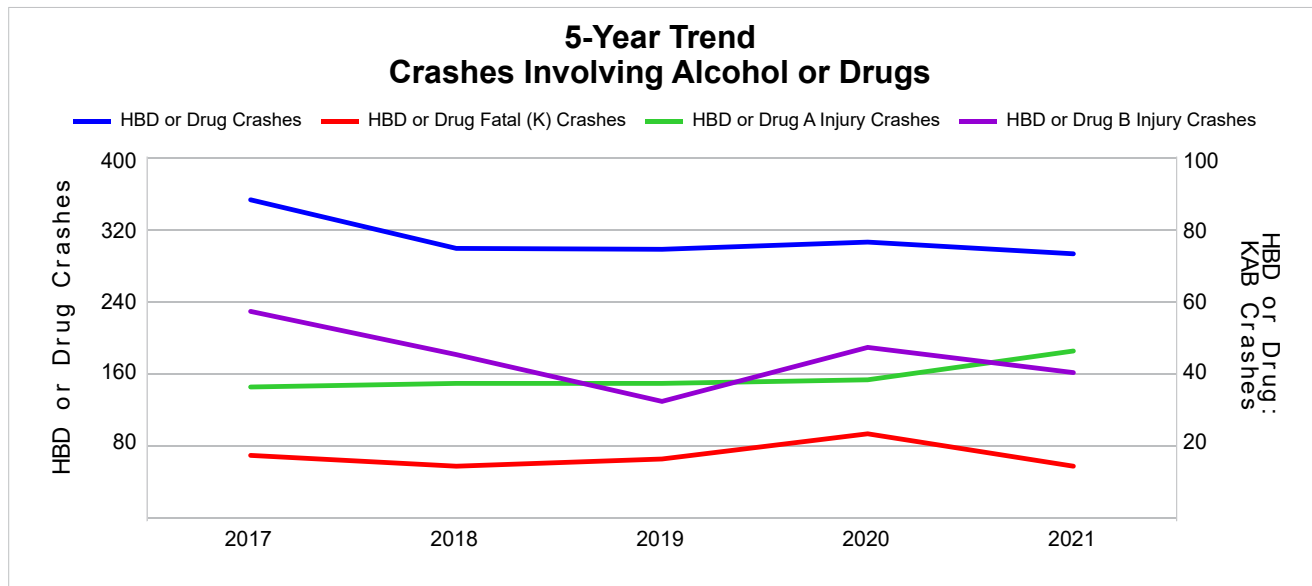


5-Year Trend - Crashes Involving Alcohol or Drugs

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	9,763	352	3.6	41	17	41.5	195	36	18.5	403	57	14.1
2018	9,453	298	3.2	35	14	40.0	206	37	18.0	415	45	10.8
2019	9,560	297	3.1	38	16	42.1	189	37	19.6	348	32	9.2
2020	7,958	305	3.8	45	23	51.1	176	38	21.6	323	47	14.6
2021	8,362	292 *	3.5	29 *	14	48.3	183	46 **	25.1 **	362	40	11.0

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	8,515	8,055	94.6	18	9	50.0	140	97	69.3	335	311	92.8	649	603	92.9	7,200	7,035	97.7
Motor Home	63	59	93.7	0	0	0.0	1	0	0.0	3	3	100.0	3	3	100.0	56	53	94.6
Pickup Truck	2,349	2,188	93.1	5	1	20.0	38	21	55.3	72	65	90.3	121	108	89.3	2,052	1,993	97.1
Small Truck Under 10,000 lbs. GVWR	94	88	93.6	0	0	0.0	0	0	0.0	2	1	50.0	3	3	100.0	85	84	98.8
Motorcycle	95	57	60.0	2	2	100.0	29	15	51.7	34	21	61.8	11	7	63.6	18	12	66.7
Moped/Goped	4	1	25.0	0	0	0.0	1	0	0.0	1	0	0.0	2	1	50.0	0	0	0.0
Go-Cart/Golf Cart	1	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0
Snowmobile	6	3	50.0	0	0	0.0	1	1	100.0	1	0	0.0	0	0	0.0	4	2	50.0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	43	21	48.8	0	0	0.0	8	2	25.0	9	4	44.4	7	4	57.1	18	11	61.1
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	60	36	60.0	2	0	0.0	1	0	0.0	2	0	0.0	2	1	50.0	50	35	70.0
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	266	251	94.4	0	0	0.0	2	1	50.0	3	3	100.0	13	12	92.3	240	235	97.9
Uncoded & Errors	115	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	4	0	0.0
Total	11,611	10,759	92.7	27	12	44.4	221	137	62.0	463	408	88.1	812	742	91.4	9,727	9,460	97.3

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	111	97	87.4	1	1	100.0	13	9	69.2	17	14	82.4	62	58	93.5	17	15	88.2
16 - 20	1,409	1,361	96.6	3	0	0.0	33	23	69.7	74	68	91.9	127	119	93.7	1,172	1,151	98.2
21 - 24	1,260	1,203	95.5	0	0	0.0	18	13	72.2	50	43	86.0	93	84	90.3	1,093	1,063	97.3
25 - 64	7,077	6,754	95.4	19	8	42.1	130	69	53.1	255	221	86.7	427	382	89.5	6,234	6,074	97.4
65 +	1,382	1,344	97.3	4	3	75.0	27	23	85.2	67	62	92.5	102	99	97.1	1,182	1,157	97.9
Unknown	372	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	29	0	0.0
Total	11,611	10,759	92.7	27	12	44.4	221	137	62.0	463	408	88.1	812	742	91.4	9,727	9,460	97.3

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	27	0	5	16	0	2	22	1	1	41	1	8	30	1	8
Shoulder Belt Only Used	46	0	5	46	0	6	32	0	2	31	0	4	35	0	6
Lap Belt Only Used	33	0	4	30	0	7	28	0	2	23	0	4	21	0	4
Both Lap & Shoulder Belt Used	11,852	18	1,012	11,364	12	1,111	11,756	14	927	9,532	15	805	10,292	7	892
No Belts Used	88	5	43	91	7	43	89	7	49	107	11	63	105	11	67
Child Restraint Used - Forward Facing	1	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	2	0	0	1	0	0	0	0	0	1	0	0	2	0	0
Restraint Use Unknown	665	5	47	537	2	36	542	1	22	476	3	37	614	1	43
Helmet Worn	59	1	44	73	2	56	58	1	45	74	4	52	65	1	45
Helmet Not Worn	40	4	30	33	2	23	53	5	37	40	3	31	42	0	33
Helmet Use Unknown	7	0	4	3	0	3	3	0	3	7	0	4	2	0	1
Uncoded & Errors	9	0	0	6	0	0	3	0	0	1	0	0	0	0	0
Total	12,829	33	1,194	12,200	25	1,287	12,586	29	1,088	10,333	37	1,008	11,208	21	1,099

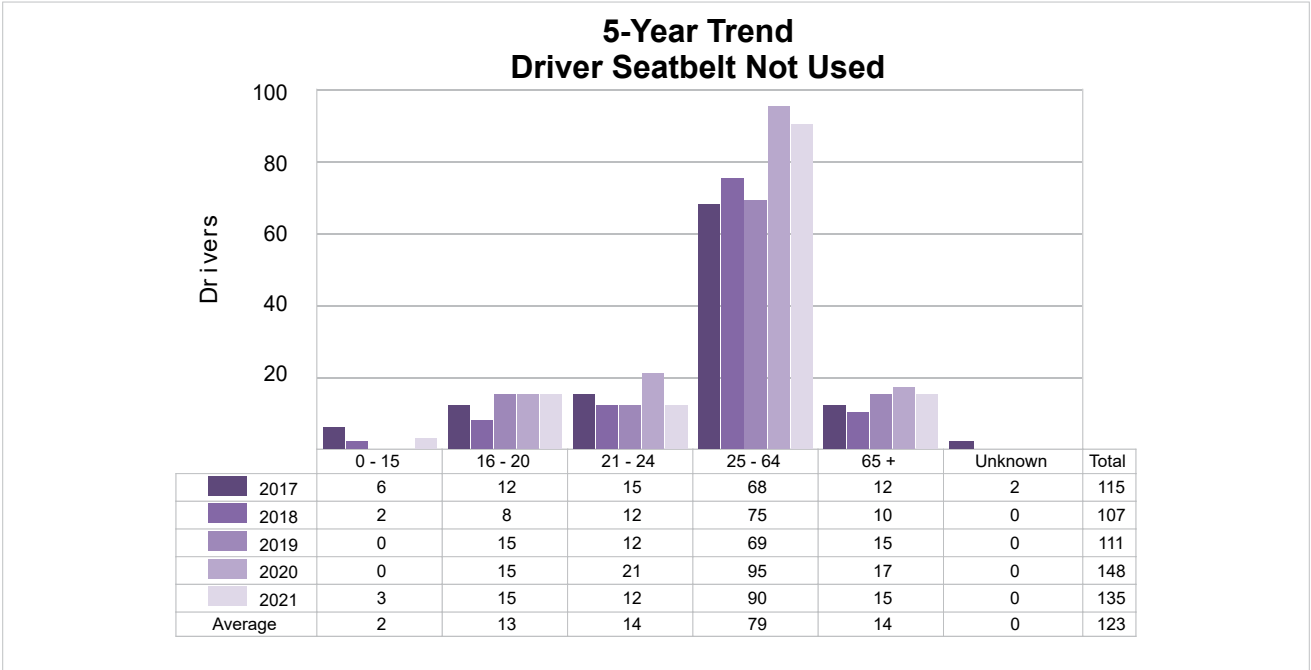
5-Year Trend - Restraint Use Among Drivers Coded Drinking

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	1	0	1	0	0	0	0	0	0	3	0	2	1	0	1
Shoulder Belt Only Used	4	0	2	2	0	0	0	0	0	2	0	1	0	0	0
Lap Belt Only Used	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Both Lap & Shoulder Belt Used	229	4	60	185	0	72	182	3	33	165	2	48	151	1	43
No Belts Used	21	2	12	17	5	11	22	2	18	29	5	17	35	8	25
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	1	0	0	0	0	0	1	0	0	0	0	0
Restraint Use Unknown	50	3	12	46	1	9	43	1	8	45	1	14	47	0	17
Helmet Worn	4	1	2	4	1	2	5	0	3	3	0	2	6	0	4
Helmet Not Worn	8	1	7	8	0	8	9	3	5	8	1	5	5	0	3
Helmet Use Unknown	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	317	11	96	263	7	102	261	9	67	257	9	89	246	9	93

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	6	0	3	2	0	0	0	0	0	0	0	0	3	0	2
16 - 20	12	0	6	8	1	6	15	0	7	15	1	8	15	2	9
21 - 24	15	0	7	12	1	5	12	1	6	21	0	12	12	0	11
25 - 64	68	5	30	75	5	32	69	4	32	95	10	42	90	10	48
65 +	12	0	2	10	0	2	15	3	5	17	1	9	15	0	5
Unknown	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	115	5	48	107	7	45	111	8	50	148	12	71	135	12	75

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

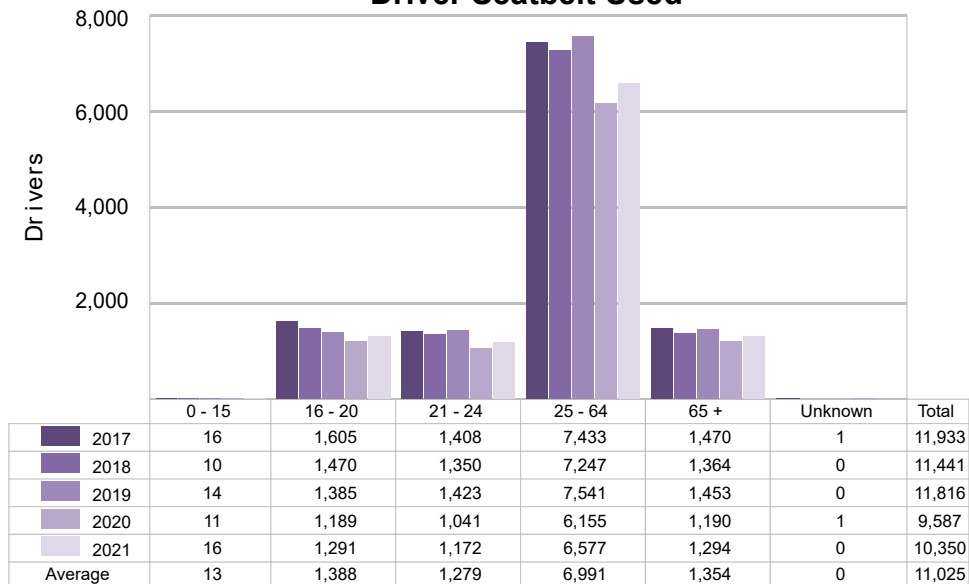


5-Year Trend - Seatbelt Used Among Drivers by Age

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	16	0	3	10	0	0	14	0	0	11	0	3	16	0	2
16 - 20	1,605	3	164	1,470	2	185	1,385	1	143	1,189	1	125	1,291	0	143
21 - 24	1,408	2	130	1,350	3	144	1,423	1	111	1,041	4	93	1,172	0	109
25 - 64	7,433	7	584	7,247	4	649	7,541	10	546	6,155	6	460	6,577	5	511
65 +	1,470	6	140	1,364	3	146	1,453	2	131	1,190	4	132	1,294	2	137
Unknown	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Total	11,933	18	1,021	11,441	12	1,124	11,816	14	931	9,587	15	813	10,350	7	902

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

5-Year Trend Driver Seatbelt Used



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	8,106	30	7,647	20	7,912	20	6,663	29	6,959	17
Speed Too Fast	1,293	3	1,419	9	1,394	15	886	13	1,004	6
Speed Too Slow	7	1	7	0	5	0	10	0	5	0
Failed to Yield	936	6	874	2	857	3	720	3	784	4
Disregard Traffic Control	156	3	146	1	127	0	107	1	160	4
Drove Wrong Way	6	1	1	0	5	0	2	1	3	0
Drove Left of Center	58	1	51	1	67	6	51	4	44	2
Improper Passing	48	0	61	1	56	0	62	0	51	0
Improper Lane Use	148	2	137	1	159	1	123	1	166	1
Improper Turn	91	1	72	0	88	0	67	1	82	0
Improper/No Signal	15	0	7	0	5	0	5	0	9	0
Improper Backing	128	0	122	0	118	0	94	0	95	0
Unable to Stop in Assured Clear Distance	849	4	704	0	873	2	640	2	772	0
Other	313	0	284	4	271	1	236	2	281	3
Unknown	238	7	228	6	242	3	195	5	290	1
Reckless Driving	64	2	56	2	51	1	75	1	77	3
Careless/Negligent Driving	372	5	384	4	355	5	397	9	426	3
Uncoded & Errors	1	0	0	0	1	0	0	0	0	0
Total	12,829	66	12,200	51	12,586	57	10,333	72	11,208	44

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