



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

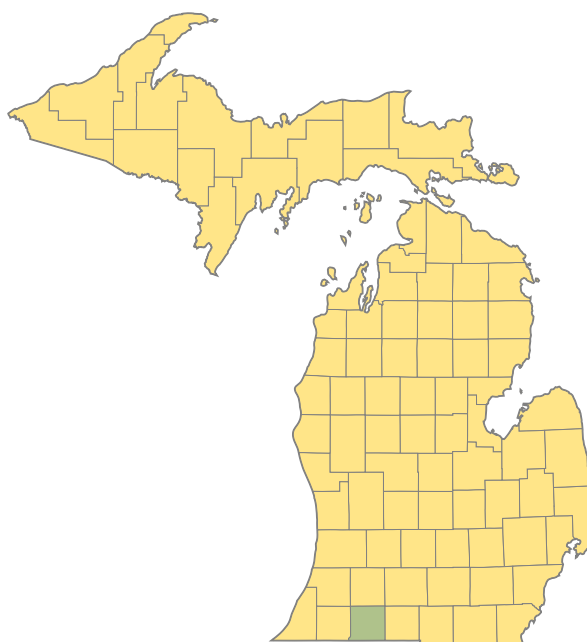
O = No Injury

Property Damage Only (PDO)



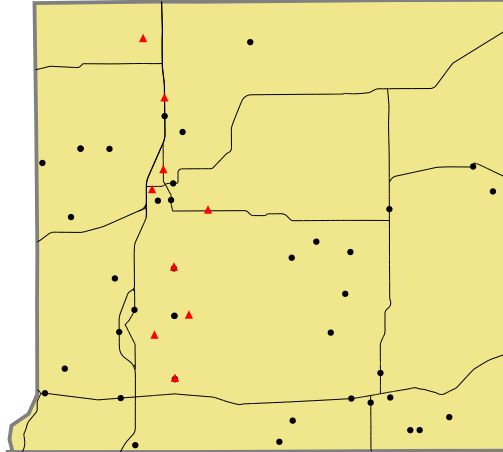
St. Joseph County

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 (9/9)
 ● A - Suspected Serious (40/40)

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	155	0	26	129	0	37
February	134	1	20	113	1	25
March	124	0	20	104	0	28
April	119	0	27	92	0	34
May	126	2	21	103	2	29
June	160	0	31	129	0	42
July	133	3	29	101	3	36
August	130	0	35	95	0	45
September	126	0	23	103	0	25
October	157	0	29	128	0	37
November	173	2	18	153	2	28
December	165	1	17	147	1	21
Total	1,702	9	296	1,397	9	387

2021 - Driver Statistics

Age Group	St. Joseph County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	13,070	270	10	7.7	370.4
16 - 20	3,673	2,561	298	811.3	1,163.6
21 - 24	2,822	2,333	234	829.2	1,003.0
25 - 64	30,142	26,051	1,517	503.3	582.3
65 +	11,257	10,719	246	218.5	229.5
Unknown	0	0	133	--	--
Total	60,964	41,934	2,438	399.9	581.4

*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	1,753	71.9	7	58.3	330	1,416
Motor Home	5	0.2	0	0.0	1	4
Pickup Truck	485	19.9	3	25.0	82	400
Small Truck Under 10,000 lbs. GVWR	15	0.6	0	0.0	2	13
Motorcycle	32	1.3	1	8.3	25	6
Moped/Goped	5	0.2	0	0.0	4	1
Go-Cart/Golf Cart	1	0.0	0	0.0	1	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	3	0.1	0	0.0	3	0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	9	0.4	1	8.3	2	6
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	89	3.7	0	0.0	20	69
Uncoded & Errors	41	1.7	0	0.0	3	38
Total	2,438	100.0	12	100.0	473	1,953

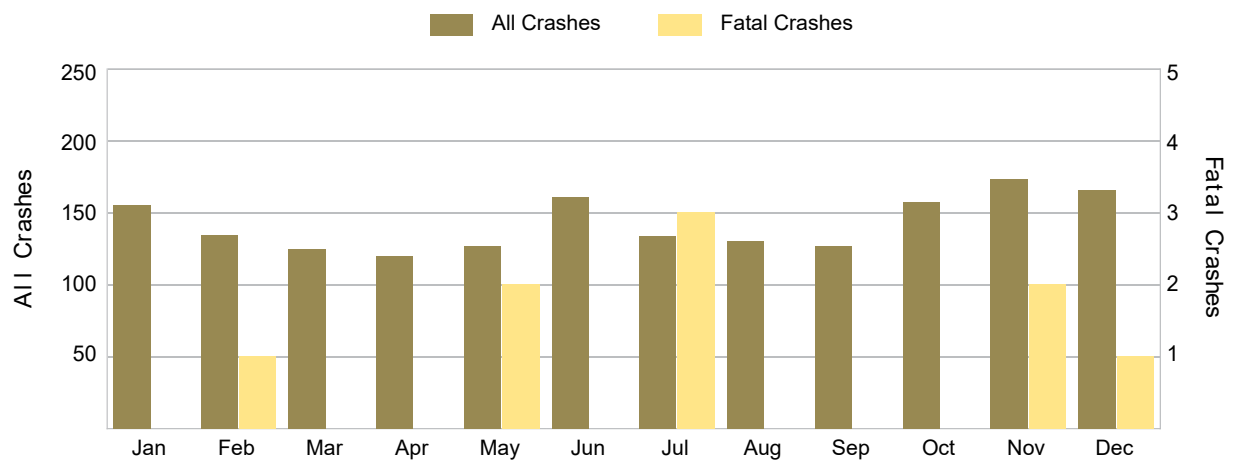
5-Year Trend - Crashes by Month

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	127	0	186	1	182	0	148	3	155	0
February	110	1	152	3	143	1	135	1	134	1
March	131	0	150	1	121	1	92	1	124	0
April	89	1	120	0	78	0	62	1	119	0
May	132	3	141	2	123	0	100	0	126	2
June	135	0	128	1	122	0	110	3	160	0
July	107	1	114	2	121	2	110	0	133	3
August	109	3	125	1	124	1	139	2	130	0
September	131	0	131	1	125	0	117	0	126	0
October	160	0	158	4	195	1	169	2	157	0
November	173	0	240	1	241	0	163	2	173	2
December	247	1	113	0	176	1	143	1	165	1
Total	1,651	10	1,758	17	1,751	7	1,488	16	1,702	9

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	244	0	302	1	253	1	210	0	272	3
Tuesday	261	0	250	4	276	1	231	4	270	3
Wednesday	208	0	250	1	273	0	247	3	258	0
Thursday	209	4	258	1	228	1	203	2	216	1
Friday	297	1	296	2	323	2	252	3	268	2
Saturday	234	4	209	5	209	1	182	2	218	0
Sunday	198	1	193	3	189	1	163	2	200	0
Total	1,651	10	1,758	17	1,751	7	1,488	16	1,702	9

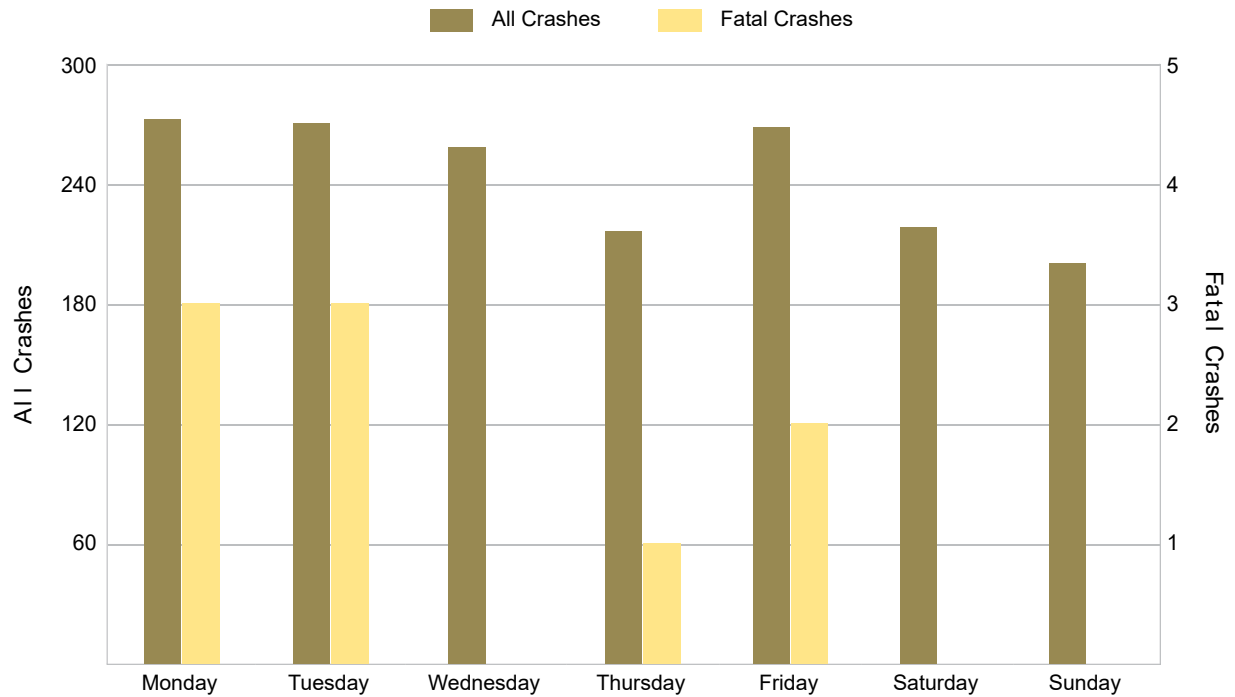
2021 Crashes by Month



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	272	16.0	3	33.3	5	16	19	229
Tuesday	270	15.9	3	33.3	8	14	26	219
Wednesday	258	15.2	0	0.0	8	10	27	213
Thursday	216	12.7	1	11.1	4	20	15	176
Friday	268	15.7	2	22.2	5	16	26	219
Saturday	218	12.8	0	0.0	7	16	16	179
Sunday	200	11.8	0	0.0	3	15	20	162
Total	1,702	100.0	9	100.0	40	107	149	1,397

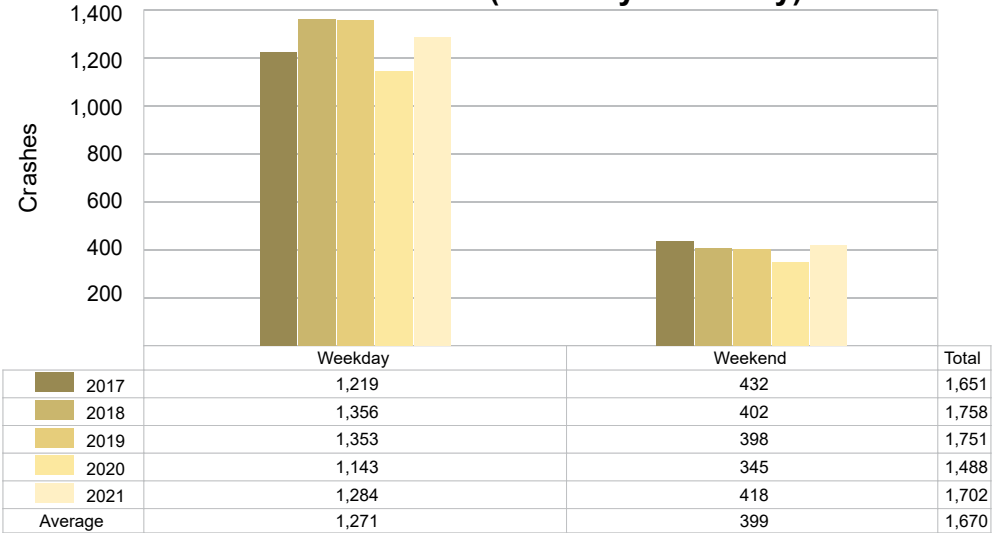
2021 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

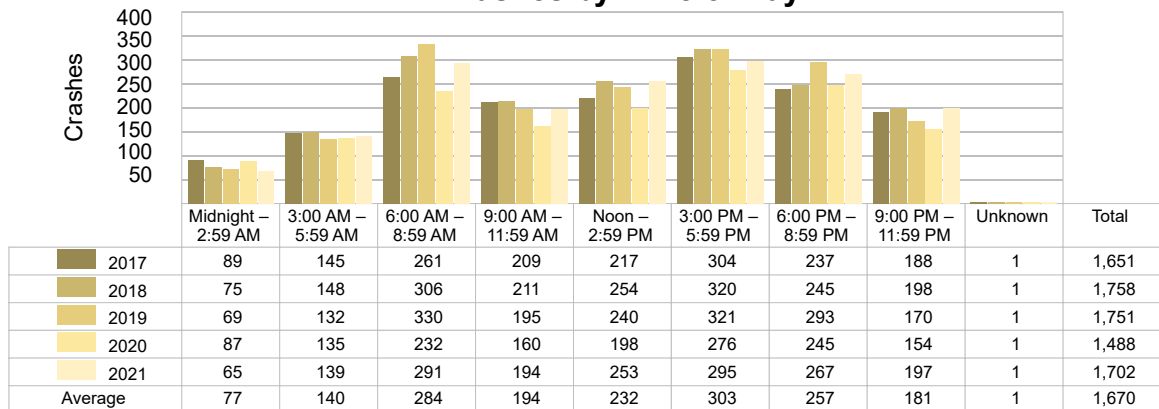
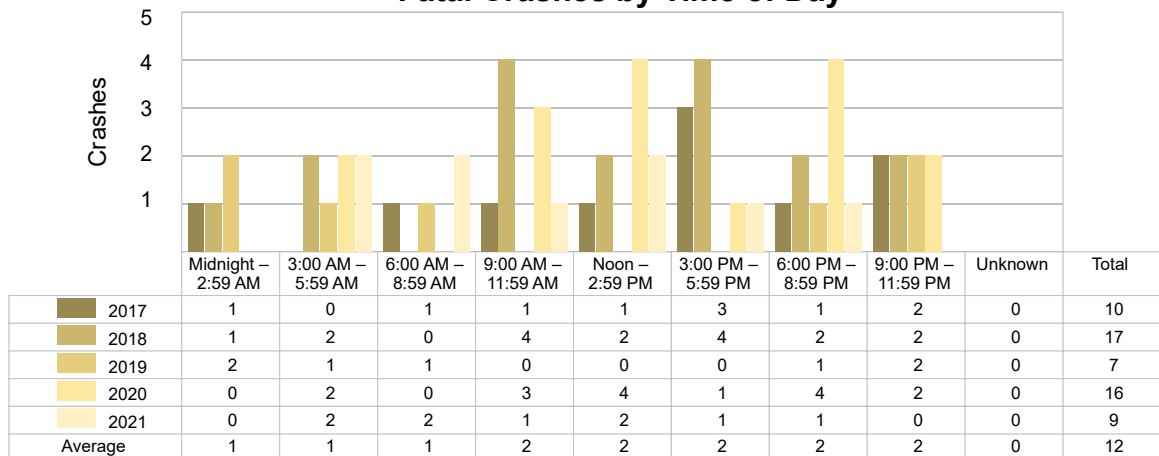
Portion of Week	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	1,219	5	1,356	9	1,353	5	1,143	12	1,284	9
Weekend	432	5	402	8	398	2	345	4	418	0
Total	1,651	10	1,758	17	1,751	7	1,488	16	1,702	9

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



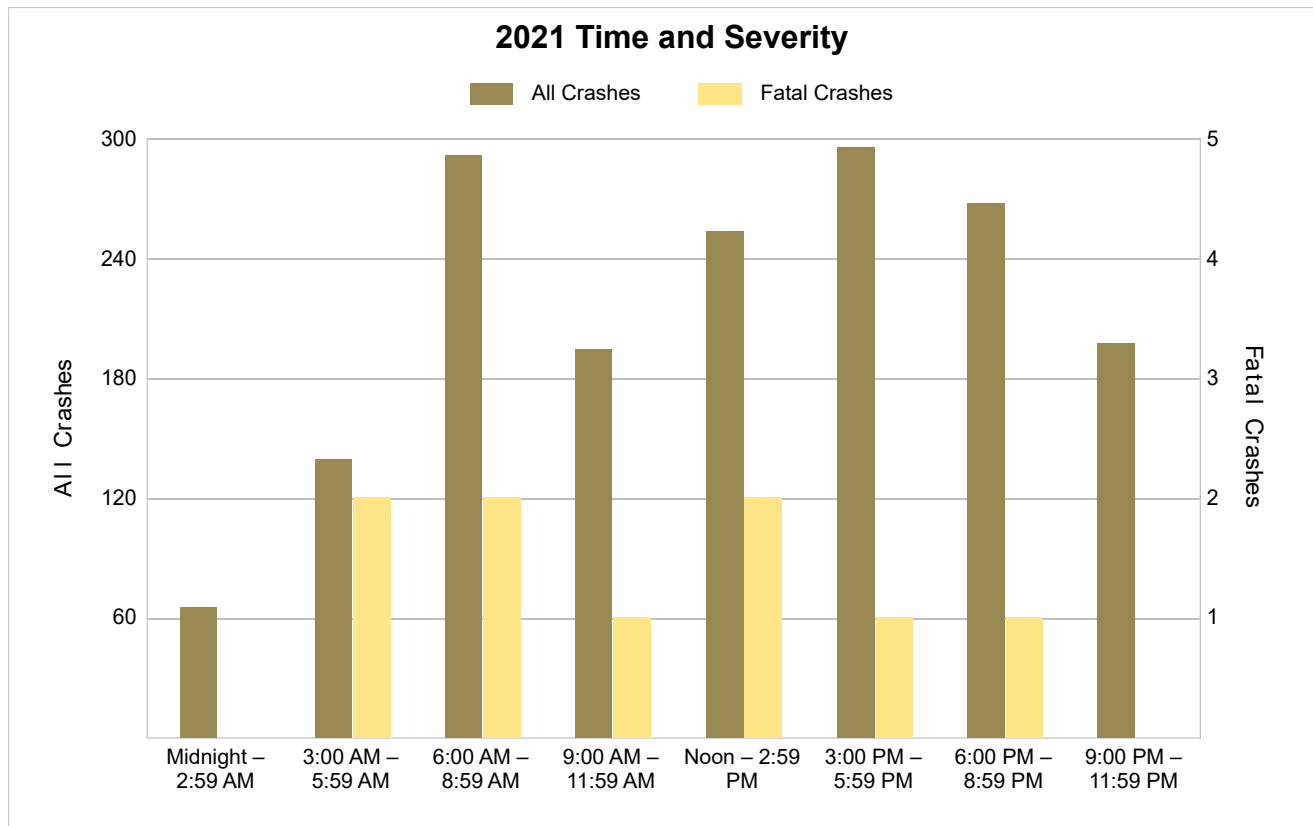
5-Year Trend - Crashes by Time of Day

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	89	1	75	1	69	2	87	0	65	0
3:00 AM – 5:59 AM	145	0	148	2	132	1	135	2	139	2
6:00 AM – 8:59 AM	261	1	306	0	330	1	232	0	291	2
9:00 AM – 11:59 AM	209	1	211	4	195	0	160	3	194	1
Noon – 2:59 PM	217	1	254	2	240	0	198	4	253	2
3:00 PM – 5:59 PM	304	3	320	4	321	0	276	1	295	1
6:00 PM – 8:59 PM	237	1	245	2	293	1	245	4	267	1
9:00 PM – 11:59 PM	188	2	198	2	170	2	154	2	197	0
Unknown	1	0	1	0	1	0	1	0	1	0
Total	1,651	10	1,758	17	1,751	7	1,488	16	1,702	9

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

2021 - Time and Severity

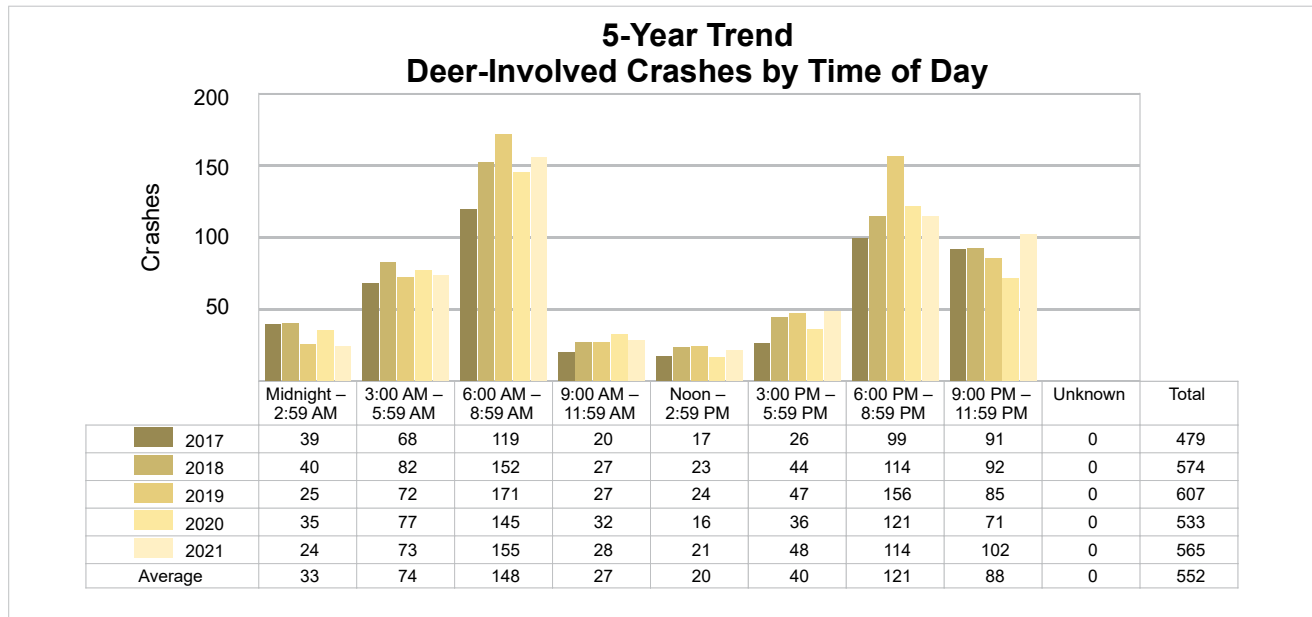
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	65	3.8	0	0.0	4	1	9	51
3:00 AM – 5:59 AM	139	8.2	2	22.2	1	10	9	117
6:00 AM – 8:59 AM	291	17.1	2	22.2	3	8	17	261
9:00 AM – 11:59 AM	194	11.4	1	11.1	3	16	22	152
Noon – 2:59 PM	253	14.9	2	22.2	9	17	29	196
3:00 PM – 5:59 PM	295	17.3	1	11.1	6	26	30	232
6:00 PM – 8:59 PM	267	15.7	1	11.1	10	15	17	224
9:00 PM – 11:59 PM	197	11.6	0	0.0	4	14	16	163
Unknown	1	0.1	0	0.0	0	0	0	1
Total	1,702	100.0	9	100.0	40	107	149	1,397



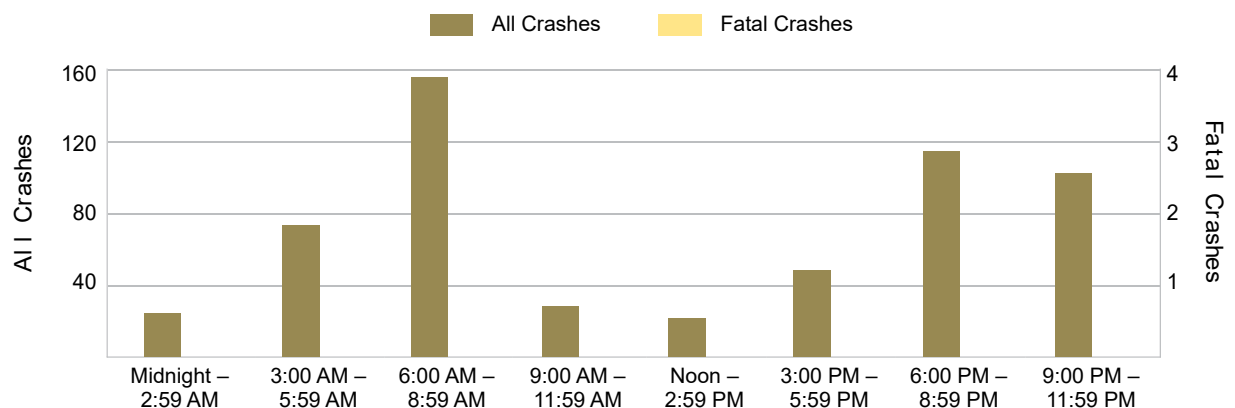
5-Year Trend - Deer-Involved Crashes by Time of Day

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	39	0	40	0	25	0	35	0	24	0
3:00 AM – 5:59 AM	68	0	82	0	72	0	77	0	73	0
6:00 AM – 8:59 AM	119 †	0	152 †	0	171 †	0	145 †	0	155 †	0
9:00 AM – 11:59 AM	20	0	27	0	27	0	32	0	28	0
Noon – 2:59 PM	17	0	23	0	24	0	16	0	21	0
3:00 PM – 5:59 PM	26	0	44	0	47	0	36	0	48	0
6:00 PM – 8:59 PM	99	1	114	0	156	0	121	0	114	0
9:00 PM – 11:59 PM	91	0	92	0	85	0	71	0	102	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	479	1	574	0	607	0	533	0	565	0

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



2021 Time and Severity of Deer-Involved Crashes

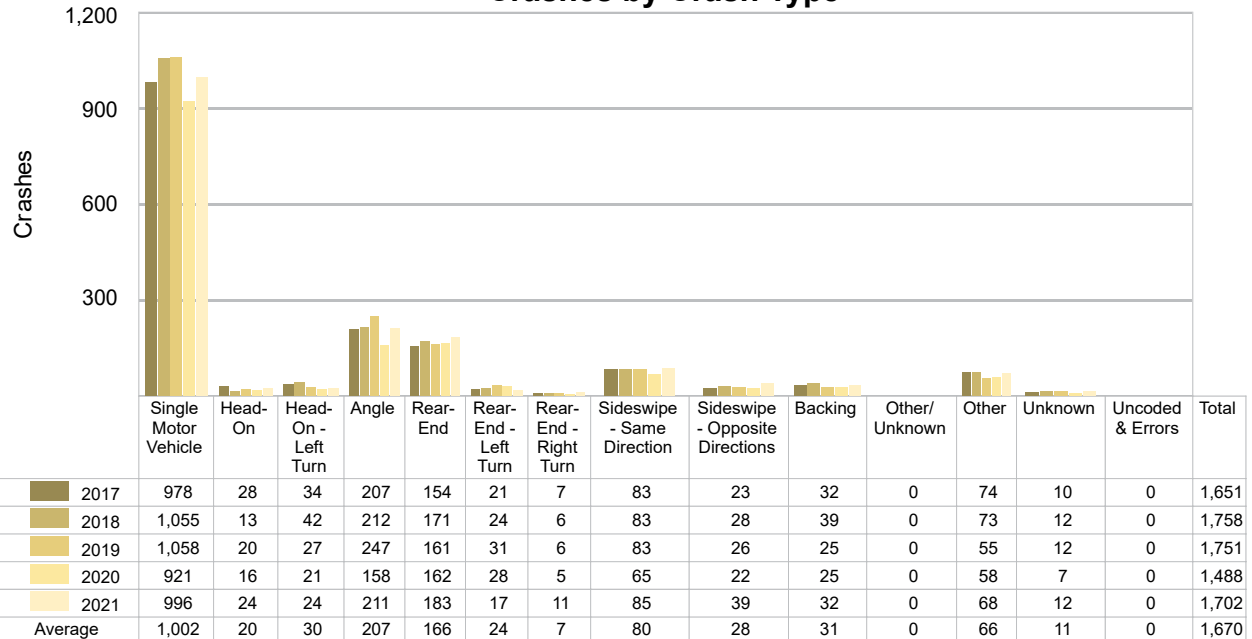


There were no fatal deer-involved crashes in St. Joseph County in 2021.

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	978	6	1,055	7	1,058	4	921	8	996	6
Head-On	28	1	13	1	20	0	16	3	24	1
Head-On - Left Turn	34	0	42	1	27	0	21	0	24	0
Angle	207	1	212	5	247	2	158	2	211	1
Rear-End	154	0	171	2	161	0	162	1	183	1
Rear-End - Left Turn	21	1	24	0	31	0	28	0	17	0
Rear-End - Right Turn	7	0	6	0	6	0	5	0	11	0
Sideswipe - Same Direction	83	0	83	0	83	0	65	0	85	0
Sideswipe - Opposite Directions	23	0	28	0	26	0	22	1	39	0
Backing	32	0	39	0	25	0	25	0	32	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	74	1	73	1	55	1	58	1	68	0
Unknown	10	0	12	0	12	0	7	0	12	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	1,651	10	1,758	17	1,751	7	1,488	16	1,702	9

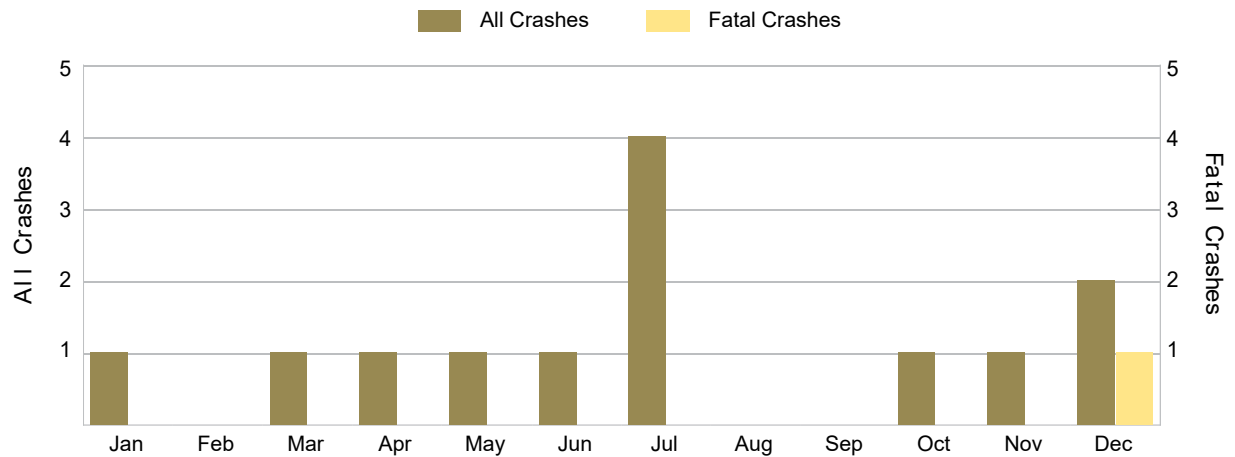
5-Year Trend Crashes by Crash Type



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	1	0	1	0	1	0	2	0	1	0
February	2	0	2	1	0	0	1	0	0	0
March	2	0	1	0	0	0	0	0	1	0
April	1	0	1	0	1	0	0	0	1	0
May	1	0	1	0	0	0	0	0	1	0
June	3	0	0	0	1	0	1	0	1	0
July	0	0	2	0	0	0	0	0	4	0
August	1	0	2	0	0	0	1	0	0	0
September	1	0	4	0	1	0	0	0	0	0
October	2	0	0	0	6	0	2	0	1	0
November	2	0	1	0	2	0	2	0	1	0
December	3	0	0	0	1	0	0	0	2	1
Total	19	0	15	1	13	0	9	0	13	1

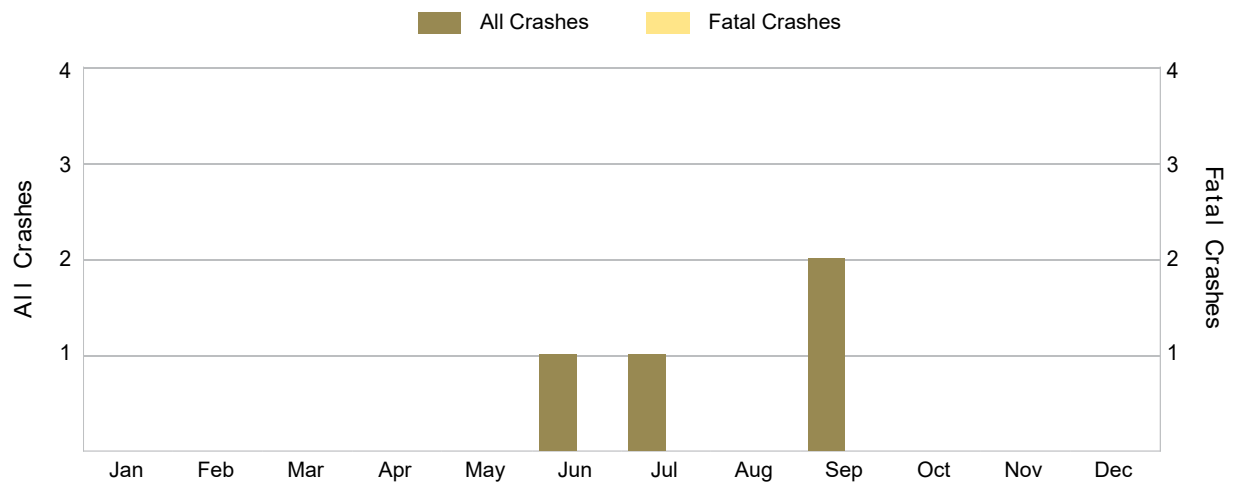
2021 Pedestrian-Involved Crashes by Month



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	1	0	0	0	0	0
February	0	0	1	0	0	0	0	0	0	0
March	0	0	0	0	1	0	0	0	0	0
April	0	0	1	0	0	0	0	0	0	0
May	2	0	0	0	1	0	0	0	0	0
June	2	0	0	0	0	0	1	0	1	0
July	3	0	0	0	2	0	1	0	1	0
August	0	0	2	0	0	0	0	0	0	0
September	1	0	1	0	2	0	0	0	2	0
October	2	0	2	0	1	0	1	1	0	0
November	0	0	0	0	1	0	0	0	0	0
December	0	0	1	0	1	0	0	0	0	0
Total	10	0	8	0	10	0	3	1	4	0

2021 Bicyclist-Involved Crashes by Month



There were no fatal bicyclist-involved crashes in St. Joseph 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
Burr Oak	0	0	0	0	0	0	0	0	0	0	0	0	0
Burr Oak Twp.	58	0	13	45	0	13	2	43	3	0	26	1	0
Centreville	0	0	0	0	0	0	0	0	0	0	0	0	0
Colon	0	0	0	0	0	0	0	0	0	0	0	0	0
Colon Twp.	74	0	9	65	0	0	35	39	7	2	33	2	0
Constantine	0	0	0	0	0	0	0	0	0	0	0	0	0
Constantine Twp.	95	0	24	71	0	44	0	51	5	2	28	1	0
Fabius Twp.	111	0	18	93	0	24	21	66	4	2	53	0	0
Fawn River Twp.	50	0	11	39	0	16	0	34	3	0	25	0	0
Florence Twp.	66	3	16	47	0	0	0	66	1	1	23	0	0
Flowerfield Twp.	40	1	2	37	0	0	18	22	1	1	23	0	0
Leonidas Twp.	44	0	4	40	0	0	13	31	2	0	26	1	0
Lockport Twp.	99	1	13	85	0	21	32	46	3	1	42	0	0
Mendon	0	0	0	0	0	0	0	0	0	0	0	0	0
Mendon Twp.	73	0	10	63	0	0	29	44	4	1	42	0	0
Mottville Twp.	56	0	10	46	0	32	8	15	2	2	11	0	0
Nottawa Twp.	88	0	11	77	0	0	43	45	3	1	37	0	0
Park Twp.	119	1	20	98	0	63	12	44	6	0	47	0	0
Sherman Twp.	126	0	16	110	0	0	46	80	4	1	78	0	0
Sturgis	232	0	41	191	0	60	81	91	8	0	15	3	1
Sturgis Twp.	78	0	19	59	0	23	9	46	2	1	24	0	0
Three Rivers	168	2	33	133	0	58	50	60	7	2	5	5	2
White Pigeon	0	0	0	0	0	0	0	0	0	0	0	0	0
White Pigeon Twp.	125	1	26	98	0	77	0	48	2	0	27	0	1
Total	1,702	9	296	1,397	0	431	399	871	67	17	565	13	4

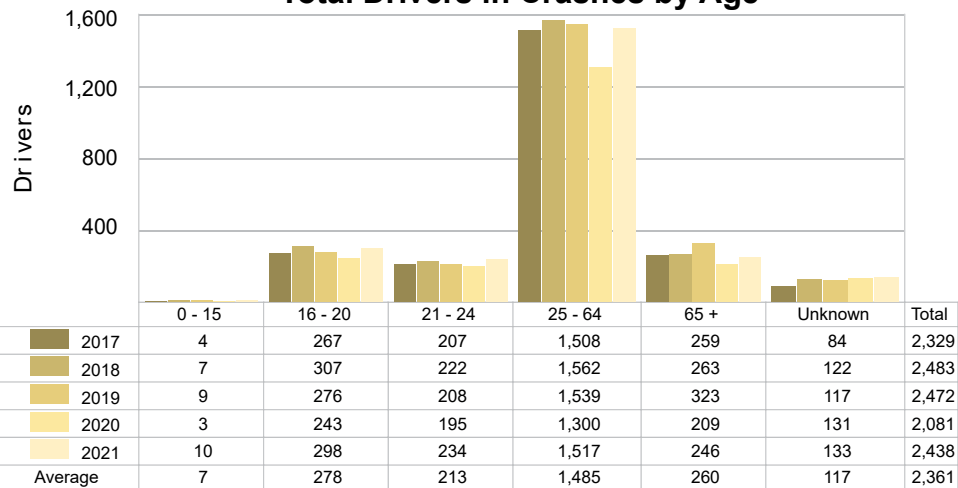
2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Burr Oak	0	0	0	0	0	0
Burr Oak Twp.	0	0	11	17	60	2
Centreville	0	0	0	0	0	0
Colon	0	0	0	0	0	0
Colon Twp.	0	2	4	10	100	8
Constantine	0	0	0	0	0	0
Constantine Twp.	0	12	21	28	121	12
Fabius Twp.	0	10	7	13	130	6
Fawn River Twp.	0	10	8	5	56	4
Florence Twp.	3	7	15	12	75	0
Flowerfield Twp.	1	0	6	0	44	1
Leonidas Twp.	0	0	7	0	50	1
Lockport Twp.	1	4	10	6	118	6
Mendon	0	0	0	0	0	0
Mendon Twp.	0	0	10	7	77	2
Mottville Twp.	0	4	4	15	85	5
Nottawa Twp.	0	12	10	9	124	3
Park Twp.	1	3	7	27	151	4
Sherman Twp.	0	7	6	17	129	6
Sturgis	0	10	43	73	483	50
Sturgis Twp.	0	8	18	24	106	7
Three Rivers	2	12	24	51	343	34
White Pigeon	0	0	0	0	0	0
White Pigeon Twp.	1	3	23	40	212	7
Total	9	104	234	354	2,464	158

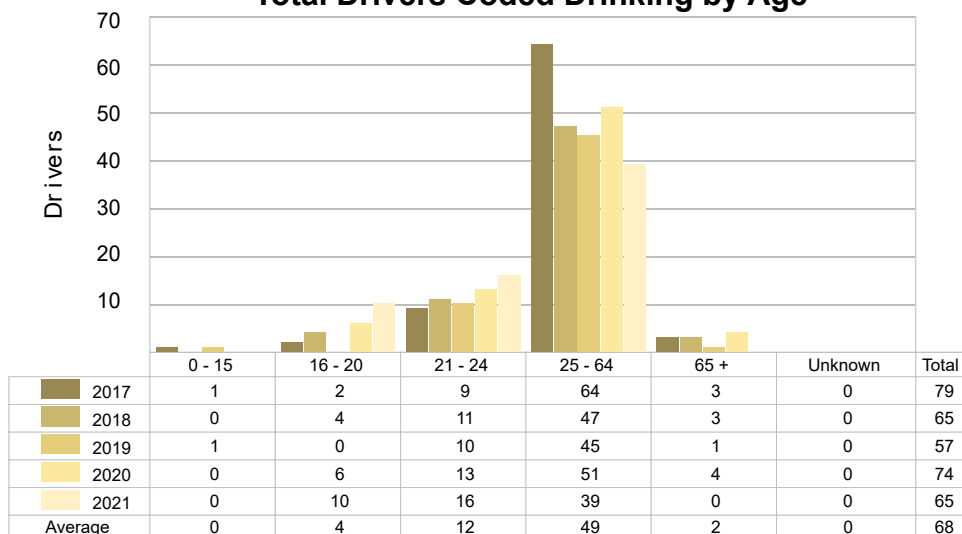
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	4	1	7	0	9	1	3	0	10	0
16 - 20	267	2	307	4	276	0	243	6	298	10
21 - 24	207	9	222	11	208	10	195	13	234	16
25 - 64	1,508	64	1,562	47	1,539	45	1,300	51	1,517	39
65 +	259	3	263	3	323	1	209	4	246	0
Unknown	84	0	122	0	117	0	131	0	133	0
Total	2,329	79	2,483	65	2,472	57	2,081	74	2,438	65

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	14	12	9	10	0	1	5	2	2
21 - 24	17	14	12	16	0	1	6	5	4
25 - 64	56	50	34	39	0	6	5	17	11
65 +	2	2	0	0	0	0	0	0	0
Unknown	2	0	0	0	0	0	0	0	0
Total	91	78	55	65	0	8	16	24	17

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).

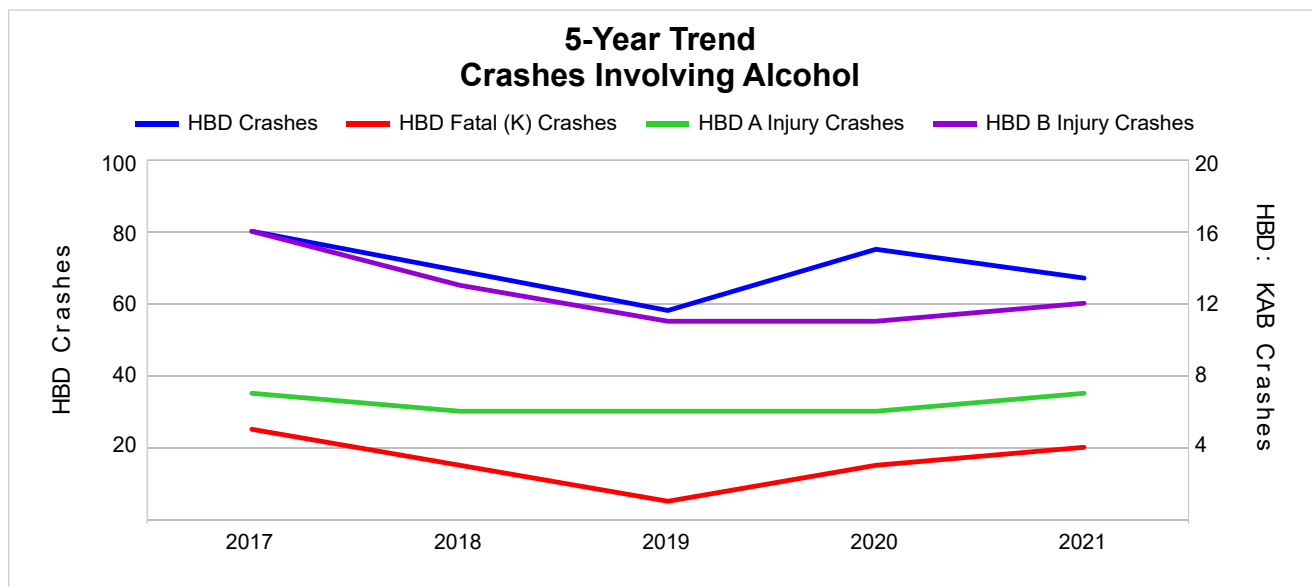
A driver may be coded by the officer as drinking even though no test is administered.

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	1,651	80	4.8	10	5	50.0	52	7	13.5	110	16	14.5
2018	1,758	69	3.9	17	3	17.6	35	6	17.1	106	13	12.3
2019	1,751	58	3.3	7	1	14.3	39	6	15.4	88	11	12.5
2020	1,488	75	5.0	16	3	18.8	41	6	14.6	69	11	15.9
2021	1,702	67	3.9	9	4	44.4	40	7	17.5 **	107	12	11.2 *

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.



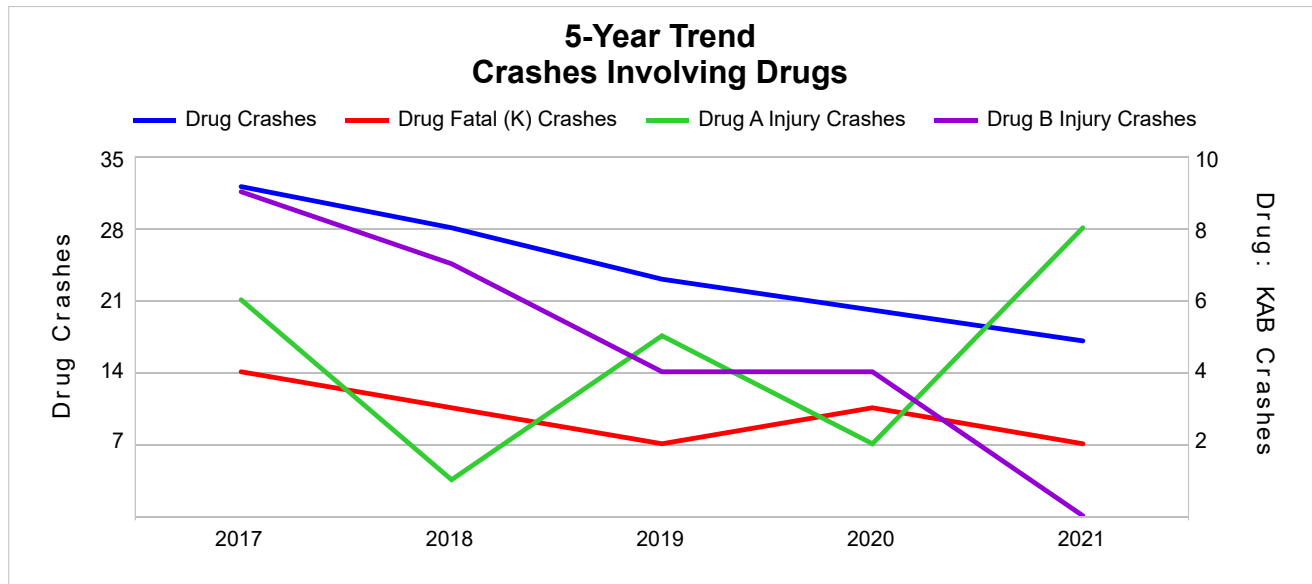
Note: Had-Been-Drinking (HBD)

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	1,651	32	1.9	10	4	40.0	52	6	11.5	110	9	8.2
2018	1,758	28	1.6	17	3	17.6	35	1	2.9	106	7	6.6
2019	1,751	23	1.3	7	2	28.6	39	5	12.8	88	4	4.5
2020	1,488	20	1.3	16	3	18.8	41	2	4.9	69	4	5.8
2021	1,702	17 *	1.0 *	9	2	22.2	40	8 **	20.0 **	107	0 *	0.0 *

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.

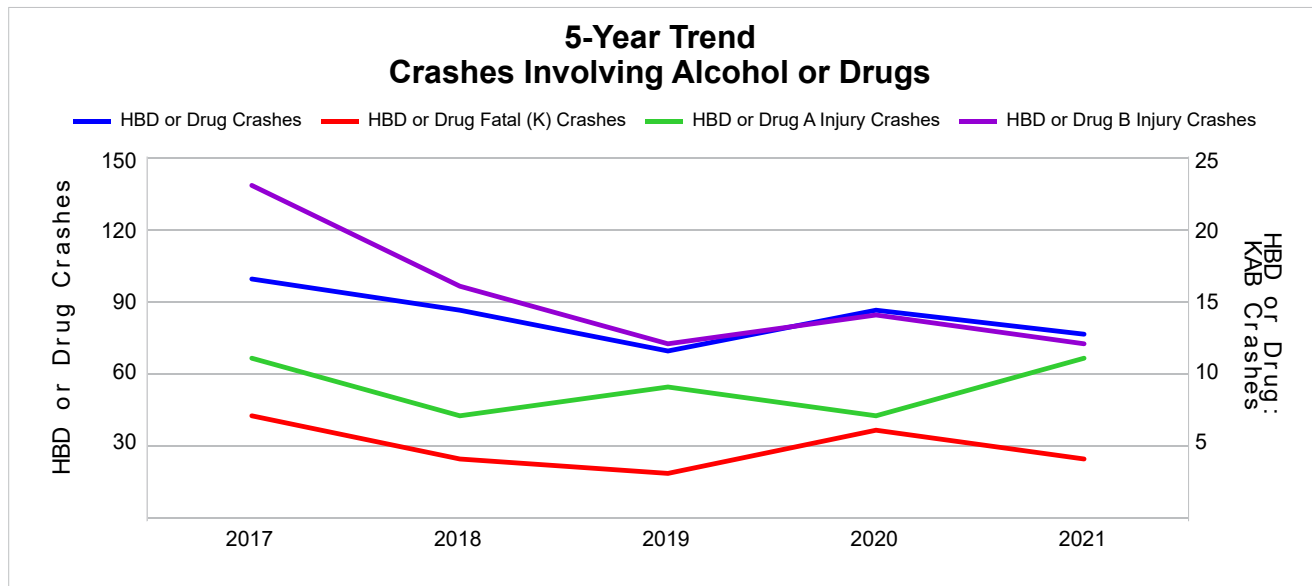


5-Year Trend - Crashes Involving Alcohol or Drugs

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	1,651	99	6.0	10	7	70.0	52	11	21.2	110	23	20.9
2018	1,758	86	4.9	17	4	23.5	35	7	20.0	106	16	15.1
2019	1,751	69	3.9	7	3	42.9	39	9	23.1	88	12	13.6
2020	1,488	86	5.8	16	6	37.5	41	7	17.1	69	14	20.3
2021	1,702	76	4.5	9	4	44.4	40	11	27.5 **	107	12	11.2 *

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)

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	1,825	1,649	90.4	5	2	40.0	29	20	69.0	78	70	89.7	164	149	90.9	1,476	1,408	95.4
Motor Home	6	6	100.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	5	5	100.0
Pickup Truck	495	439	88.7	1	1	100.0	4	4	100.0	20	17	85.0	31	30	96.8	402	387	96.3
Small Truck Under 10,000 lbs. GVWR	15	14	93.3	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	13	13	100.0
Motorcycle	34	18	52.9	1	1	100.0	7	1	14.3	15	9	60.0	5	4	80.0	5	3	60.0
Moped/Goped	5	2	40.0	0	0	0.0	0	0	0.0	3	0	0.0	1	1	100.0	1	1	100.0
Go-Cart/Golf Cart	1	0	0.0	0	0	0.0	1	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	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	2	0	0.0	2	0	0.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	9	3	33.3	1	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0	6	3	50.0
Truck/Bus (over 10,000 lbs. GVWR/ 8+ occupants/ hazmat placard)	89	87	97.8	0	0	0.0	2	2	100.0	6	6	100.0	1	1	100.0	79	78	98.7
Uncoded & Errors	41	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	2,525	2,218	87.8	8	4	50.0	44	27	61.4	123	102	82.9	206	187	90.8	1,989	1,898	95.4

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	33	26	78.8	0	0	0.0	2	2	100.0	8	6	75.0	14	11	78.6	8	7	87.5
16 - 20	315	296	94.0	1	0	0.0	3	0	0.0	23	21	91.3	34	30	88.2	253	245	96.8
21 - 24	244	221	90.6	0	0	0.0	6	5	83.3	11	9	81.8	23	20	87.0	200	187	93.5
25 - 64	1,546	1,436	92.9	6	3	50.0	31	19	61.3	69	55	79.7	110	102	92.7	1,316	1,257	95.5
65 +	254	239	94.1	1	1	100.0	2	1	50.0	12	11	91.7	25	24	96.0	212	202	95.3
Unknown	133	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	2,525	2,218	87.8	8	4	50.0	44	27	61.4	123	102	82.9	206	187	90.8	1,989	1,898	95.4

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	9	1	2	14	1	2	7	0	2	12	1	2	7	0	0
Shoulder Belt Only Used	10	0	1	13	0	1	14	0	0	8	0	1	15	0	4
Lap Belt Only Used	5	0	2	6	0	0	7	0	0	2	0	0	2	0	0
Both Lap & Shoulder Belt Used	2,093	4	241	2,151	6	226	2,193	5	199	1,776	7	185	2,110	3	226
No Belts Used	17	0	8	19	2	10	8	1	4	24	3	9	20	3	11
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	1	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	1	0	1
Restraint Use Unknown	147	3	11	249	3	14	216	0	11	222	0	8	247	1	15
Helmet Worn	20	1	17	16	1	12	13	1	10	12	0	11	18	1	13
Helmet Not Worn	18	1	16	12	1	11	14	0	11	19	0	16	15	0	13
Helmet Use Unknown	3	1	0	2	0	1	0	0	0	6	1	1	3	0	3
Uncoded & Errors	5	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Total	2,329	11	298	2,483	14	277	2,472	7	237	2,081	12	233	2,438	8	286

5-Year Trend - Restraint Use Among Drivers Coded Drinking

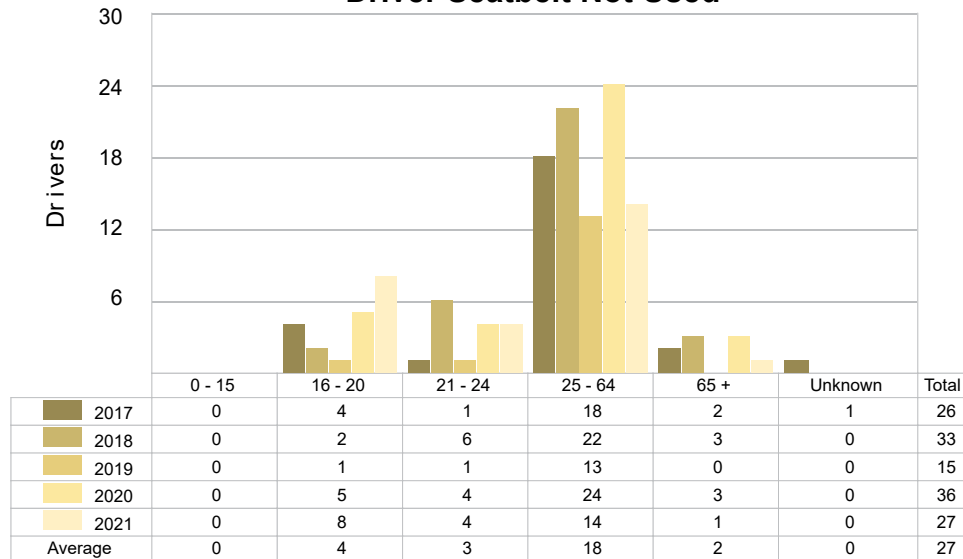
Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoulder Belt Only Used	0	0	0	3	0	0	0	0	0	0	0	0	2	0	0
Lap Belt Only Used	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Both Lap & Shoulder Belt Used	57	1	19	40	1	14	39	1	13	46	0	13	44	1	14
No Belts Used	4	0	3	8	0	6	3	0	2	4	0	2	5	1	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	1	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	8	1	2	13	1	4	11	0	1	19	0	5	12	0	5
Helmet Worn	2	1	1	1	0	1	1	0	1	0	0	0	0	0	0
Helmet Not Worn	5	1	4	0	0	0	3	0	3	2	0	2	2	0	2
Helmet Use Unknown	1	1	0	0	0	0	0	0	0	3	1	1	0	0	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	79	5	29	65	2	25	57	1	20	74	1	23	65	2	24

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	4	0	3	2	0	2	1	0	1	5	1	3	8	1	5
21 - 24	1	0	1	6	0	3	1	0	0	4	0	1	4	0	2
25 - 64	18	1	6	22	2	5	13	1	5	24	2	5	14	2	4
65 +	2	0	0	3	1	2	0	0	0	3	1	2	1	0	0
Unknown	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	26	1	10	33	3	12	15	1	6	36	4	11	27	3	11

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

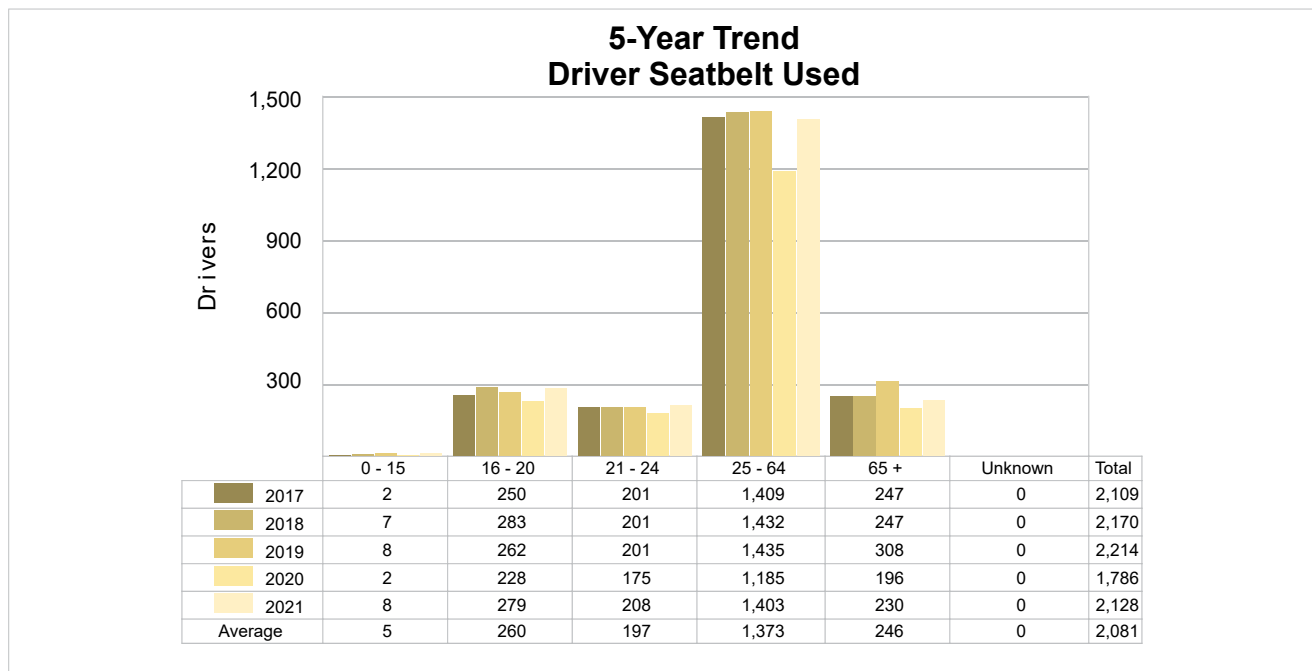
5-Year Trend Driver Seatbelt Not Used



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	2	0	0	7	0	1	8	0	2	2	0	0	8	0	1
16 - 20	250	0	30	283	0	35	262	0	19	228	1	20	279	0	35
21 - 24	201	0	26	201	0	23	201	0	27	175	1	20	208	0	21
25 - 64	1,409	4	156	1,432	2	142	1,435	5	119	1,185	5	125	1,403	2	146
65 +	247	0	32	247	4	26	308	0	32	196	0	21	230	1	28
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2,109	4	244	2,170	6	227	2,214	5	199	1,786	7	186	2,128	3	231

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	1,241	8	1,378	11	1,337	4	1,150	9	1,362	3
Speed Too Fast	247	3	240	5	257	2	165	2	189	2
Speed Too Slow	7	0	1	0	1	0	1	0	1	0
Failed to Yield	220	0	233	2	228	1	157	2	191	1
Disregard Traffic Control	51	0	40	3	54	2	42	0	57	0
Drove Wrong Way	1	0	0	0	0	0	2	0	1	0
Drove Left of Center	12	1	14	1	16	0	23	4	19	0
Improper Passing	11	0	10	0	18	0	15	1	14	0
Improper Lane Use	44	0	45	1	36	0	28	2	40	2
Improper Turn	21	0	16	0	17	0	17	0	29	1
Improper/No Signal	3	0	2	0	2	0	4	0	1	0
Improper Backing	38	0	48	0	38	0	37	0	43	0
Unable to Stop in Assured Clear Distance	151	0	200	2	179	1	164	0	197	1
Other	79	0	67	0	81	0	83	1	74	0
Unknown	70	4	85	1	126	1	94	4	113	1
Reckless Driving	14	0	20	1	12	0	19	0	20	1
Careless/Negligent Driving	119	1	84	1	70	0	80	0	87	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	2,329	17	2,483	28	2,472	11	2,081	25	2,438	12

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

