



2020

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)

Emmet County

2020 Traffic Crash Data & 2016-2020 5-Year Trends

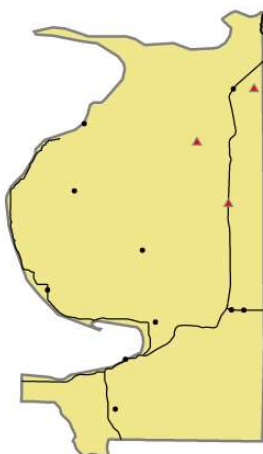


Sources:

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.



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Crashes by most severe injury (mapped/actual)

- ▲ K - Fatal (3/3)
- A - Suspected Serious (10/10)

Emmet County

In 2020:

There were 1,479 drivers involved in 1,044 motor vehicle crashes in Emmet County. Of those crashes, 3 were classified as fatal, resulting in 3 fatalities. An additional 167 persons were injured.

Emmet County experienced the highest number of motor vehicle crashes (124) in October, the highest number of fatal crashes (1) and the highest number of persons killed (1) in April, July, and August.

Michigan driver statistics indicate 5.8 percent of licensed drivers in Emmet County were age 16-20, and 11.2 percent of drivers in crashes were also in that age group.

2020 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	109	0	10	99	0	13
February	95	0	18	77	0	25
March	59	0	4	55	0	9
April	25	1	4	20	1	4
May	52	0	9	43	0	16
June	87	0	8	79	0	9
July	95	1	13	81	1	14
August	99	1	17	81	1	25
September	82	0	13	69	0	14
October	124	0	10	114	0	16
November	105	0	7	98	0	7
December	112	0	11	101	0	15
Total	1,044	3	124	917	3	167

2020 - Driver Statistics

Age Group	Emmet County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	5,462	174	4	7.3	229.9
16 - 20	1,889	1,628	165	873.5	1,013.5
21 - 24	1,472	1,475	134	910.3	908.5
25 - 64	16,798	16,552	928	552.4	560.7
65 +	7,794	8,087	205	263.0	253.5
Unknown	0	0	43	--	--
Total	33,415	27,916	1,479	442.6	529.8

*2020 Population of Michigan Counties (by single-year of age) not yet available from U.S. Census Bureau

2020 - 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	1,106	74.8	2	50.0	156	948
Motor home	16	1.1	0	0.0	3	13
Pickup truck	301	20.4	2	50.0	37	262
Small truck under 10,000 lbs. GVWR	4	0.3	0	0.0	1	3
Motorcycle	12	0.8	0	0.0	11	1
Moped / goped	1	0.1	0	0.0	0	1
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	2	0.1	0	0.0	2	0
Other	4	0.3	0	0.0	2	2
Truck/bus over 10,000 lbs.	24	1.6	0	0.0	2	22
Unknown	9	0.6	0	0.0	0	9
Total	1,479	100.0	4	100.0	214	1,261

5-Year Trend - Crashes by Month

Month	2016		2017		2018		2019		2020	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	138	0	138	1	142	0	167	0	109	0
February	118	0	107	0	133	0	113	0	95	0
March	89	0	102	0	93	0	134	0	59	0
April	80	0	68	0	86	0	108	0	25	1
May	100	0	85	0	83	0	67	0	52	0
June	122	0	97	0	125	0	97	1	87	0
July	144	2	109	0	134	1	95	1	95	1
August	133	2	119	0	123	1	98	0	99	1
September	105	0	108	1	112	0	82	0	82	0
October	114	1	137	0	131	1	93	0	124	0
November	169	0	183	0	185	0	157	0	105	0
December	167	0	223	0	186	0	154	1	112	0
Total	1,479	5	1,476	2	1,533	3	1,365	3	1,044	3

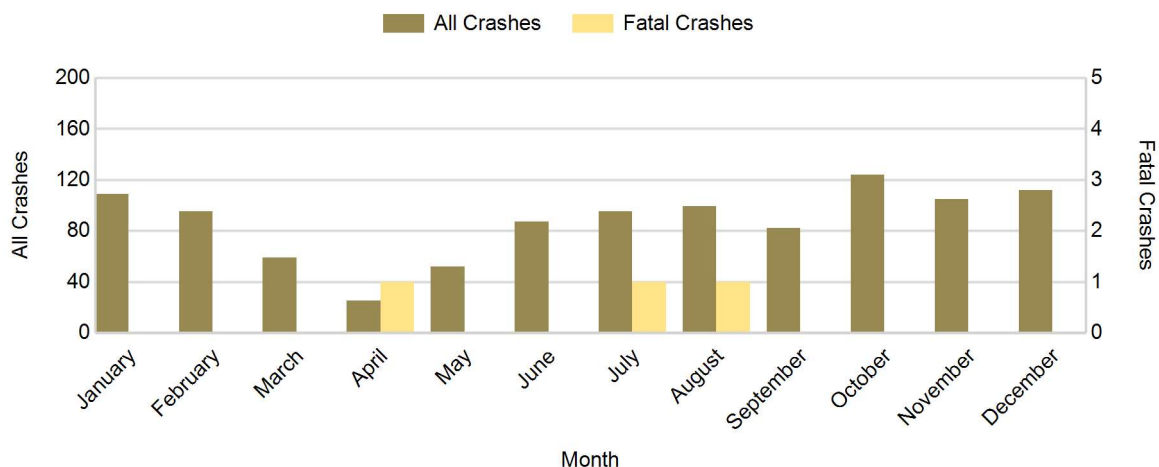
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2016		2017		2018		2019		2020	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	191	0	215	0	260	1	195	1	146	0
Tuesday	220	2	203	0	238	0	210	0	175	0
Wednesday	248	0	229	0	214	1	244	0	163	0
Thursday	246	1	240	1	215	0	220	0	166	2
Friday	259	0	248	0	281	1	229	1	159	1
Saturday	169	1	181	1	179	0	143	0	138	0
Sunday	146	1	160	0	146	0	124	1	97	0
Total	1,479	5	1,476	2	1,533	3	1,365	3	1,044	3

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

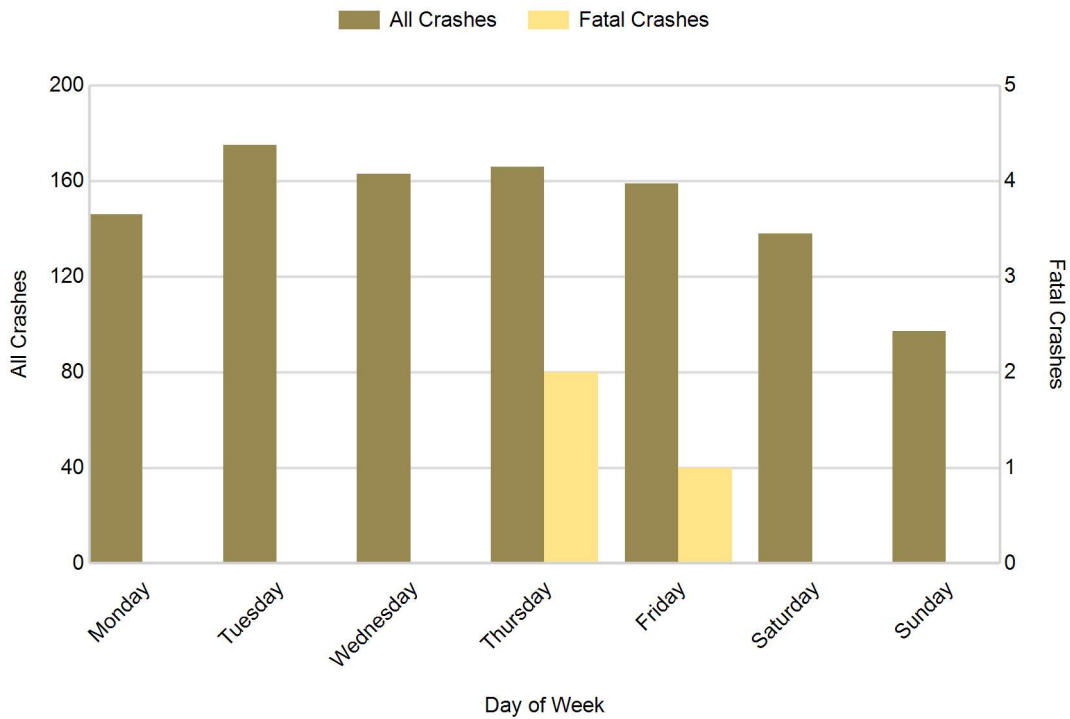
2020 Crashes by Month



2020 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	146	14.0	0	0.0	1	5	10	130
Tuesday	175	16.8	0	0.0	1	6	16	152
Wednesday	163	15.6	0	0.0	3	5	17	138
Thursday	166	15.9	2	66.7	2	2	10	150
Friday	159	15.2	1	33.3	1	5	7	145
Saturday	138	13.2	0	0.0	2	7	7	122
Sunday	97	9.3	0	0.0	0	8	9	80
Total	1,044	100.0	3	100.0	10	38	76	917

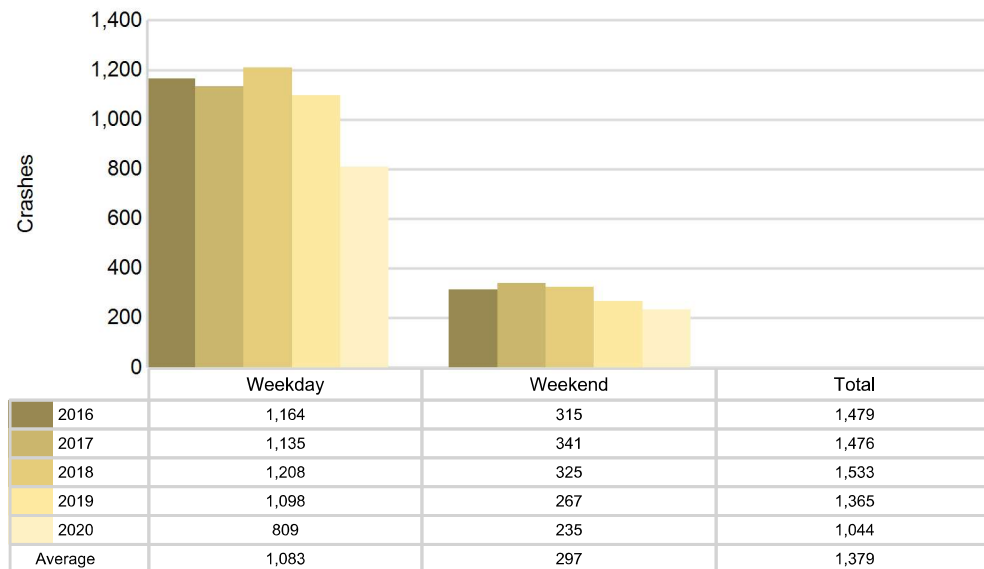
2020 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2016		2017		2018		2019		2020	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	1,164	3	1,135	1	1,208	3	1,098	2	809	3
Weekend	315	2	341	1	325	0	267	1	235	0
Total	1,479	5	1,476	2	1,533	3	1,365	3	1,044	3

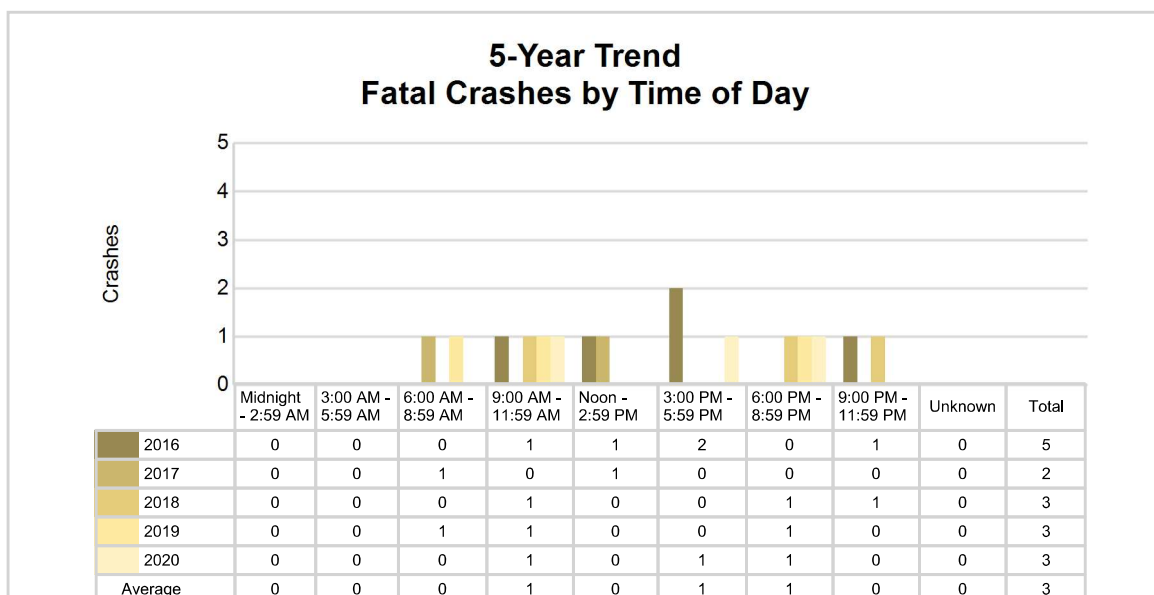
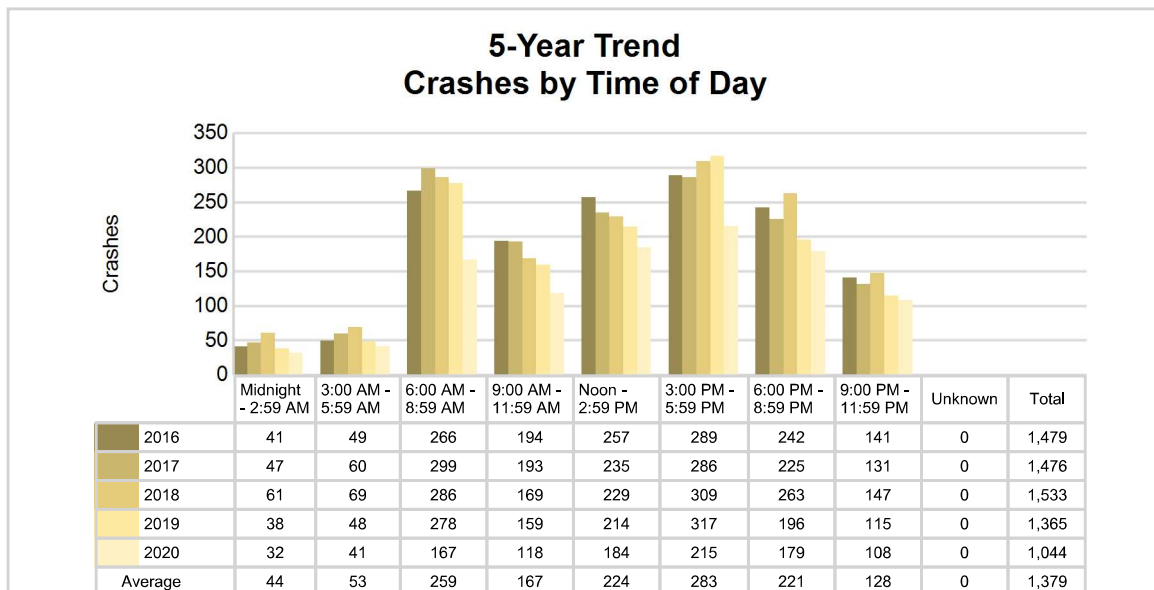
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

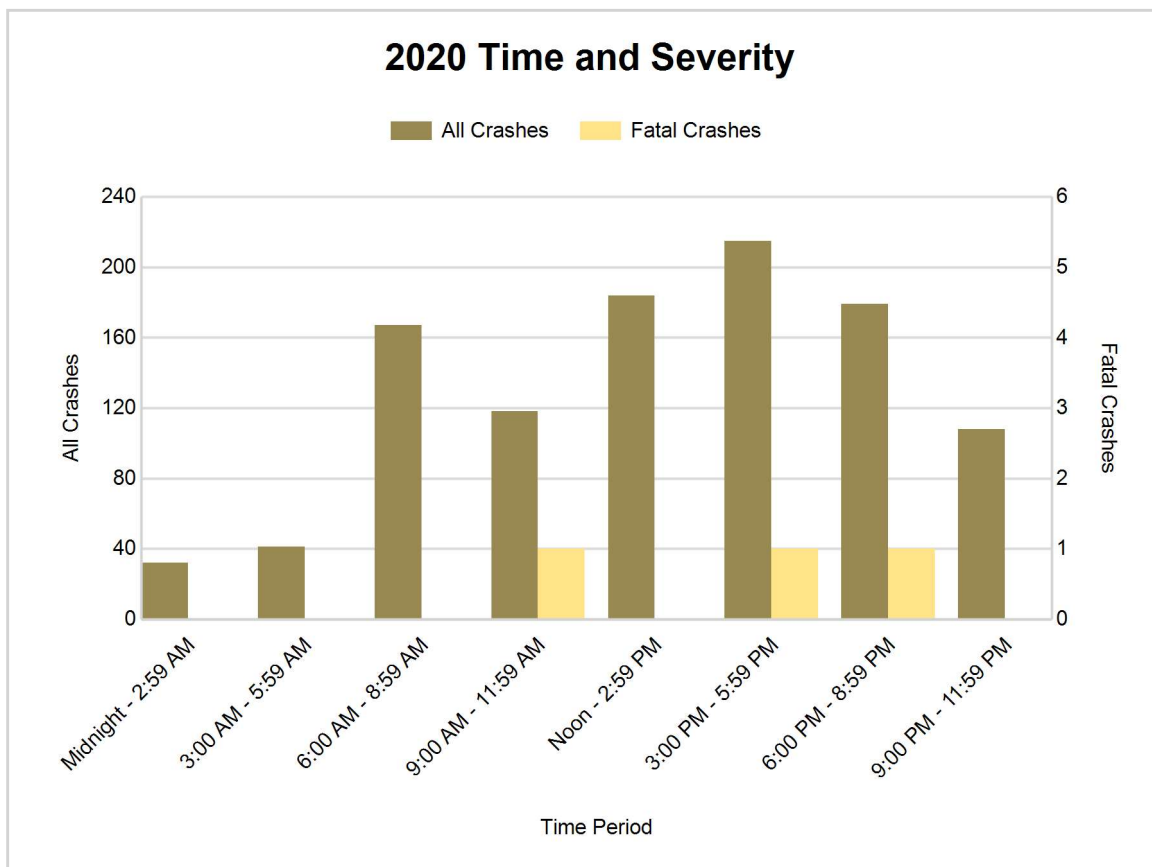
Time of Day	2016		2017		2018		2019		2020	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	41	0	47	0	61	0	38	0	32	0
3:00 AM - 5:59 AM	49	0	60	0	69	0	48	0	41	0
6:00 AM - 8:59 AM	266	0	299	1	286	0	278	1	167	0
9:00 AM - 11:59 AM	194	1	193	0	169	1	159	1	118	1
Noon - 2:59 PM	257	1	235	1	229	0	214	0	184	0
3:00 PM - 5:59 PM	289	2	286	0	309	0	317	0	215	1
6:00 PM - 8:59 PM	242	0	225	0	263	1	196	1	179	1
9:00 PM - 11:59 PM	141	1	131	0	147	1	115	0	108	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	1,479	5	1,476	2	1,533	3	1,365	3	1,044	3

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



2020 - Time and Severity

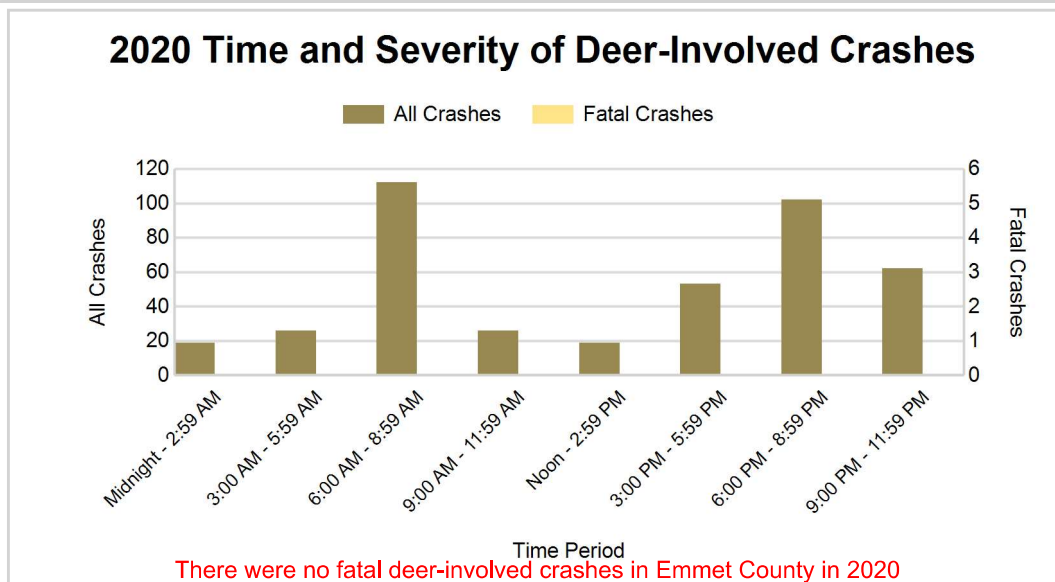
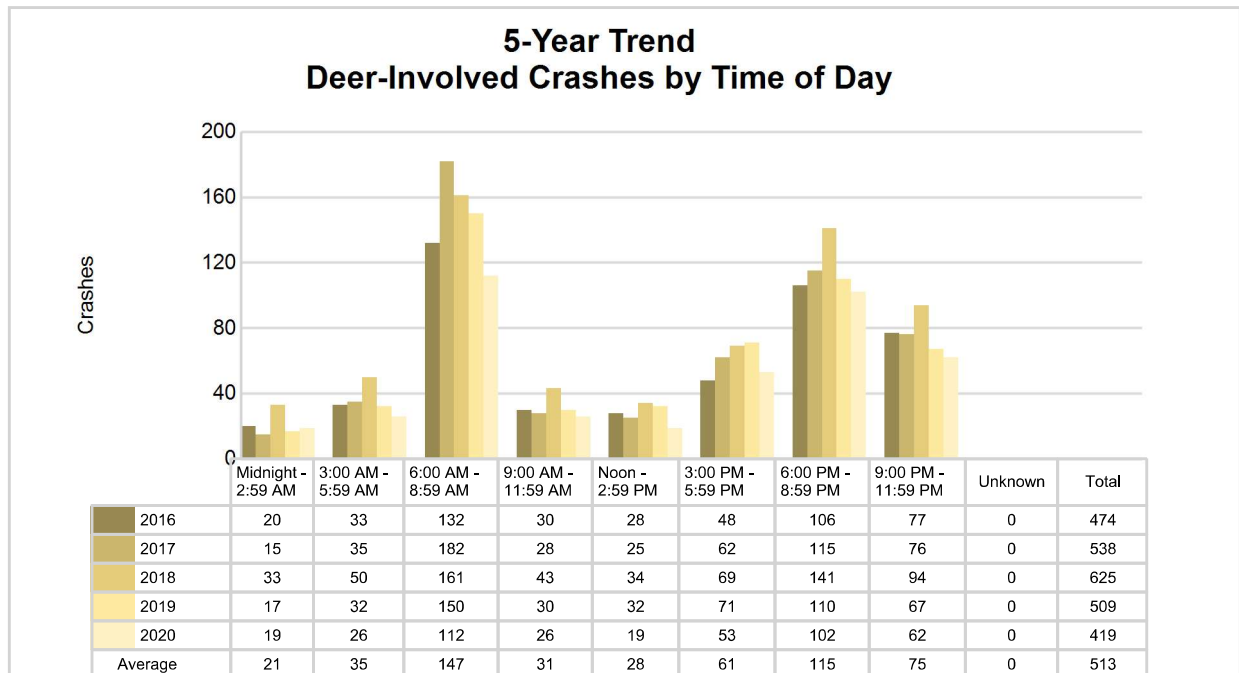
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	32	3.1	0	0.0	0	2	1	29
3:00 AM - 5:59 AM	41	3.9	0	0.0	0	0	4	37
6:00 AM - 8:59 AM	167	16.0	0	0.0	1	5	11	150
9:00 AM - 11:59 AM	118	11.3	1	33.3	3	6	4	104
Noon - 2:59 PM	184	17.6	0	0.0	1	10	22	151
3:00 PM - 5:59 PM	215	20.6	1	33.3	2	7	15	190
6:00 PM - 8:59 PM	179	17.1	1	33.3	1	1	10	166
9:00 PM - 11:59 PM	108	10.3	0	0.0	2	7	9	90
Unknown	0	0.0	0	0.0	0	0	0	0
Total	1,044	100.0	3	100.0	10	38	76	917



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

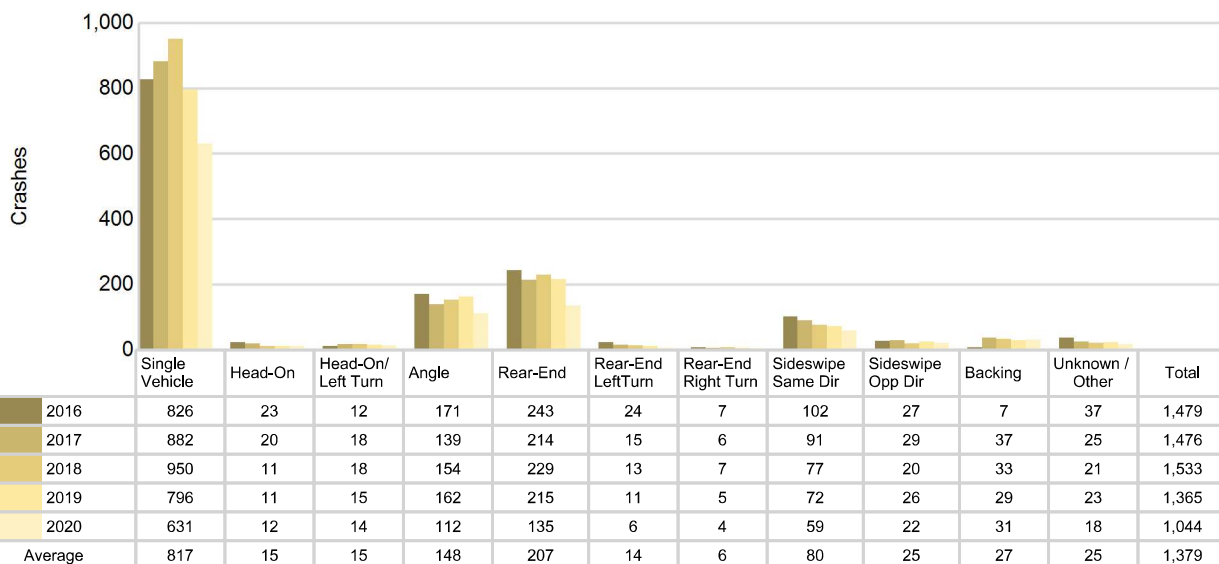
Time of Day	2016		2017		2018		2019		2020	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	20	0	15	0	33	0	17	0	19	0
3:00 AM - 5:59 AM	33	0	35	0	50	0	32	0	26	0
6:00 AM - 8:59 AM	132 †	0	182 †	0	161 †	0	150 †	0	112 †	0
9:00 AM - 11:59 AM	30	0	28	0	43	0	30	0	26	0
Noon - 2:59 PM	28	0	25	0	34	0	32	0	19	0
3:00 PM - 5:59 PM	48	0	62	0	69	0	71	0	53	0
6:00 PM - 8:59 PM	106	0	115	0	141	0	110	0	102	0
9:00 PM - 11:59 PM	77	0	76	0	94	0	67	0	62	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	474	0	538	0	625	0	509	0	419	0

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



5-Year Trend - Crashes by Crash Type

Crash Type	2016		2017		2018		2019		2020	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single motor vehicle	826	1	882	1	950	2	796	1	631	2
Head-on	23	2	20	1	11	0	11	0	12	0
Head-on / left turn	12	0	18	0	18	0	15	0	14	1
Angle	171	2	139	0	154	1	162	2	112	0
Rear-end	243	0	214	0	229	0	215	0	135	0
Rear-end left turn	24	0	15	0	13	0	11	0	6	0
Rear-end right turn	7	0	6	0	7	0	5	0	4	0
Sideswipe same direction	102	0	91	0	77	0	72	0	59	0
Sideswipe opposite direction	27	0	29	0	20	0	26	0	22	0
Backing	7	0	37	0	33	0	29	0	31	0
Other / Unknown	37	0	25	0	21	0	23	0	18	0
Uncoded and Errors	0	0	0	0	0	0	0	0	0	0
Total	1,479	5	1,476	2	1,533	3	1,365	3	1,044	3

5-Year Trend
Crashes by Crash Type

Emmet County (continued)

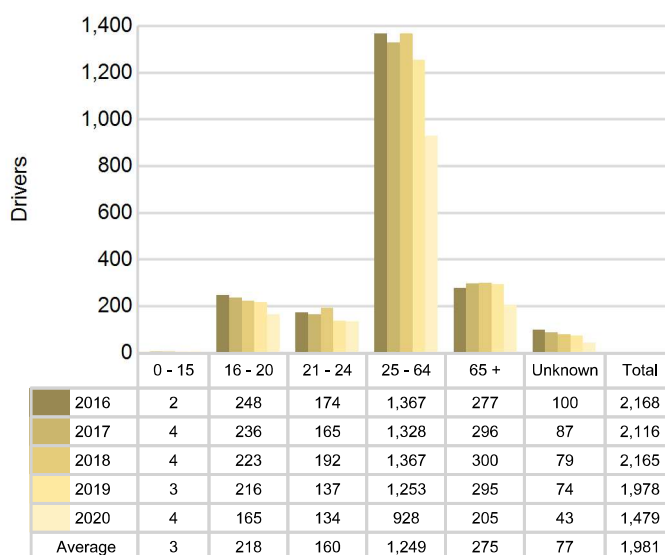
2020 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Alanson	19	0	3	16	0	11	6	2	0	0	3	0	5
Bear Creek Twp.	309	0	33	276	0	147	20	141	9	0	113	0	48
Bliss Twp.	12	0	2	10	0	0	0	12	1	0	7	0	2
Carp Lake Twp.	25	1	4	20	0	17	0	7	1	1	12	1	8
Center Twp.	27	0	2	25	0	0	0	27	1	0	17	0	3
Cross Village Twp.	10	0	3	7	0	0	0	10	0	0	5	0	3
Friendship Twp.	40	0	2	38	0	0	3	37	1	0	25	0	2
Harbor Springs	39	0	5	34	0	0	21	18	3	0	3	0	7
Little Traverse Twp.	87	0	6	81	0	11	24	52	4	0	46	0	6
Littlefield Twp.	69	0	14	55	0	33	11	25	4	1	32	0	23
Mackinaw City	2	0	0	2	0	0	0	2	0	0	0	0	0
Maple River Twp.	36	0	1	35	0	21	0	15	1	1	26	0	1
McKinley Twp.	25	2	3	20	0	16	0	9	2	1	12	2	5
Pellston	6	0	1	5	0	4	0	2	0	0	1	0	1
Petoskey	148	0	23	125	0	107	0	41	3	1	17	0	28
Pleasantview Twp.	37	0	4	33	0	0	0	37	1	0	21	0	5
Readmond Twp.	15	0	3	12	0	0	1	14	2	1	7	0	3
Resort Twp.	45	0	5	40	0	5	0	39	1	1	23	0	5
Springvale Twp.	43	0	6	37	0	0	0	42	7	0	20	0	6
Wawatam Twp.	11	0	1	10	6	2	0	3	0	0	2	0	1
West Traverse Twp.	39	0	3	36	0	0	14	25	1	0	27	0	5
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,044	3	124	917	6	374	100	560	42	7	419	3	167

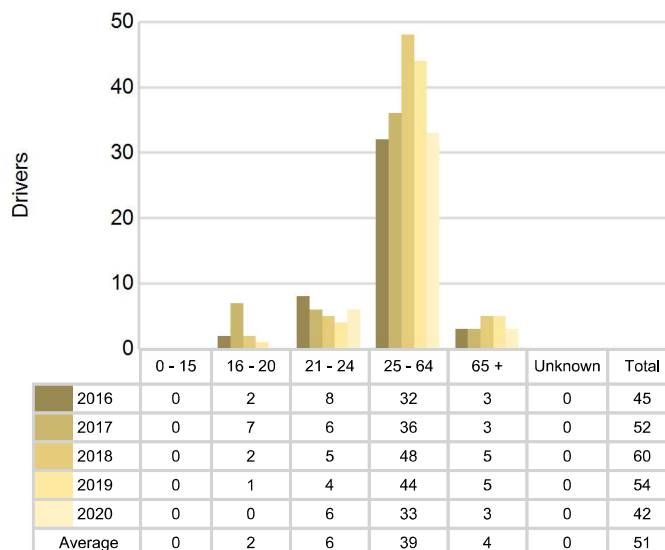
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2016		2017		2018		2019		2020	
	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	2	0	4	0	4	0	3	0	4	0
16 - 20	248	2	236	7	223	2	216	1	165	0
21 - 24	174	8	165	6	192	5	137	4	134	6
25 - 64	1,367	32	1,328	36	1,367	48	1,253	44	928	33
65 +	277	3	296	3	300	5	295	5	205	3
Unknown	100	0	87	0	79	0	74	0	43	0
Total	2,168	45	2,116	52	2,165	60	1,978	54	1,479	42

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



2020 - 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	0	1	0	0	0	0	0	0	0
21 - 24	7	6	5	6	0	0	2	0	4
25 - 64	40	36	30	33	0	3	9	8	13
65 +	6	3	3	3	0	1	1	0	1
Unknown	3	0	0	0	0	0	0	0	0
Total	56	46	38	42	0	4	12	8	18

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.

Alcohol-Involved Crashes

In 2020, there were 56 drivers in alcohol-involved crashes; 42 (75.0%) of those drivers were coded as had-been-drinking by the officer on the crash form.

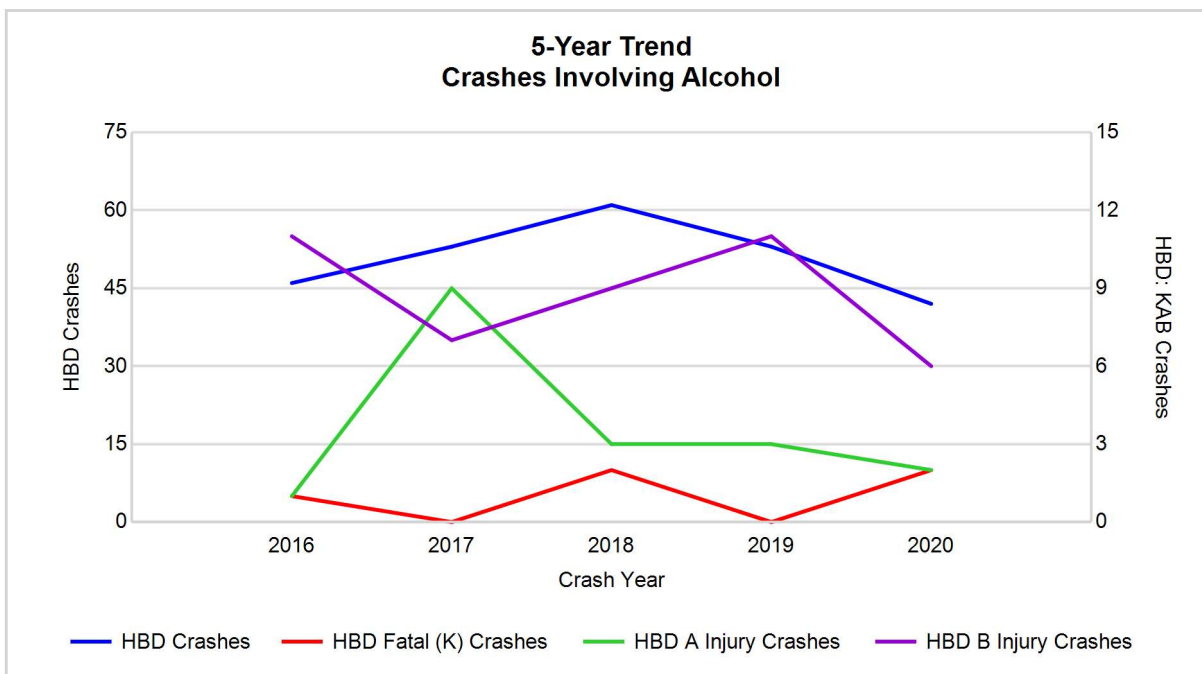
- 20 (47.6%) of the 42 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 8 (40.0%) of the 20 drivers had a BAC at or above 0.17 g/dL.
- 38 (90.5%) of the 42 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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
2016	1,479	46	3.1	5	1	20.0	22	1	4.5	87	11	12.6
2017	1,476	53	3.6	2	0	0.0	27	9	33.3	69	7	10.1
2018	1,533	61	4.0	3	2	66.7	17	3	17.6	67	9	13.4
2019	1,365	53	3.9	3	0	0.0	14	3	21.4	43	11	25.6
2020	1,044	42	4.0	3	2	66.7	10	2	20.0	38	6	15.8

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



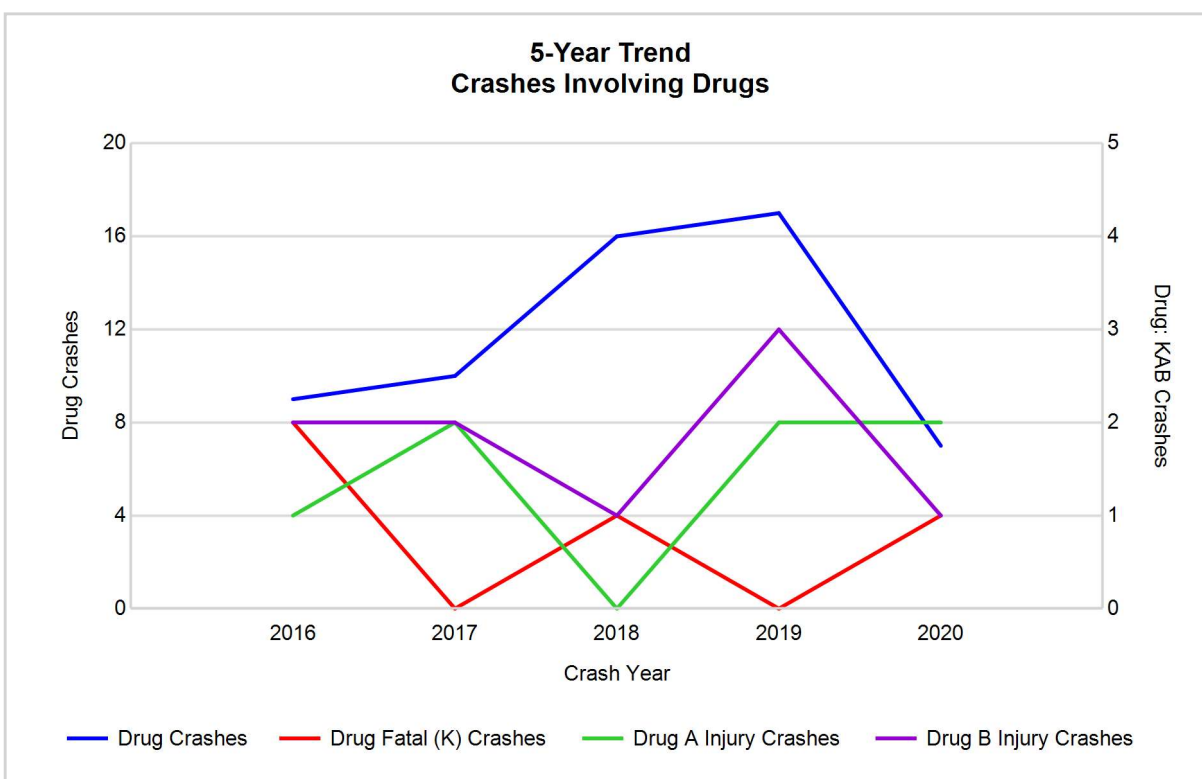
Note: Had-Been-Drinking (HBD)

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
2016	1,479	9	0.6	5	2	40.0	22	1	4.5	87	2	2.3
2017	1,476	10	0.7	2	0	0.0	27	2	7.4	69	2	2.9
2018	1,533	16	1.0	3	1	33.3	17	0	0.0	67	1	1.5
2019	1,365	17	1.2	3	0	0.0	14	2	14.3	43	3	7.0
2020	1,044	7	0.7	3	1	33.3	10	2	20.0	38	1	2.6

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

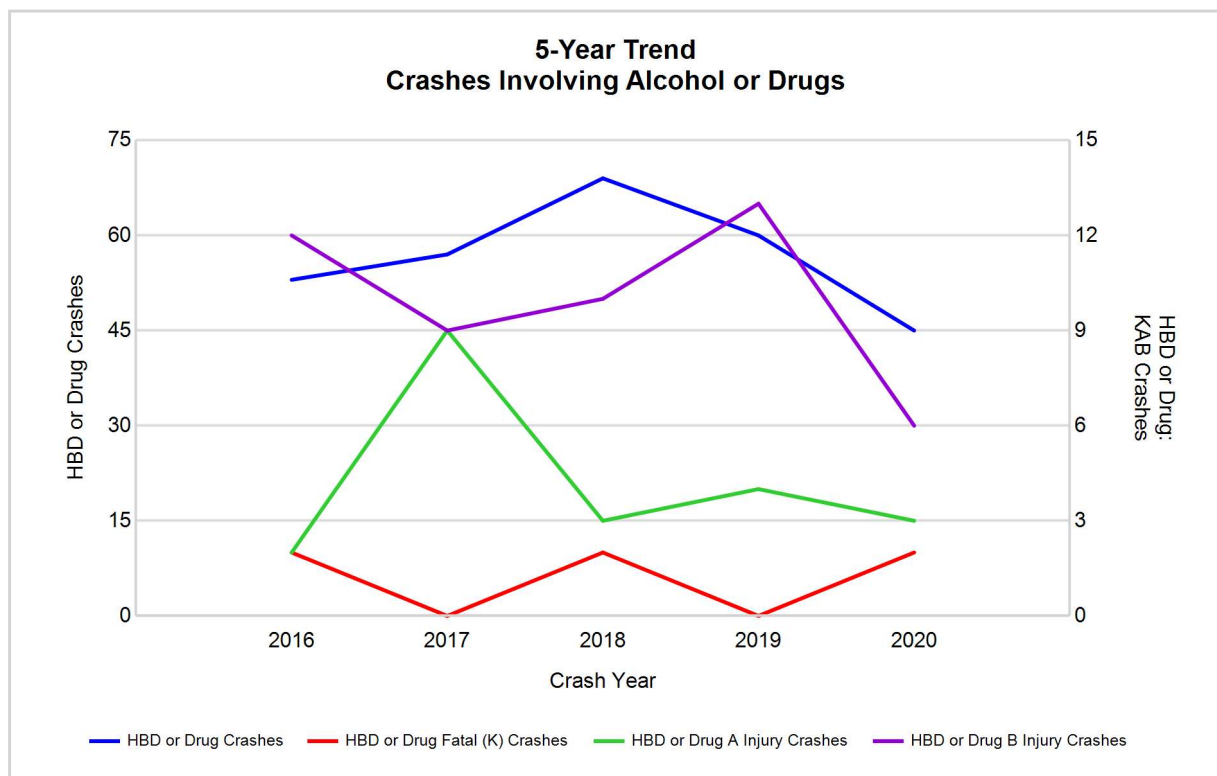


5-Year Trend - Crashes Involving Alcohol or Drugs

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
2016	1,479	53	3.6	5	2	40.0	22	2	9.1	87	12	13.8
2017	1,476	57	3.9	2	0	0.0	27	9	33.3	69	9	13.0
2018	1,533	69	4.5	3	2	66.7	17	3	17.6	67	10	14.9
2019	1,365	60	4.4	3	0	0.0	14	4	28.6	43	13	30.2
2020	1,044	45	4.3	3	2	66.7	10	3	30.0	38	6	15.8

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)

2020 - 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	1,139	1,049	92.1	2	1	50.0	10	7	70.0	34	33	97.1	78	72	92.3	998	936	93.8
Motor home	16	12	75.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	13	11	84.6
Pickup truck	307	286	93.2	1	1	100.0	1	0	0.0	9	9	100.0	13	12	92.3	275	264	96.0
Small truck under 10,000 lbs. GVWR	4	4	100.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	3	3	100.0
Motorcycle	12	11	91.7	0	0	0.0	3	2	66.7	6	6	100.0	2	2	100.0	1	1	100.0
Moped / goped	1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	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	2	1	50.0	0	0	0.0	0	0	0.0	0	0	0.0	2	1	50.0	0	0	0.0
Other	4	1	25.0	0	0	0.0	0	0	0.0	1	0	0.0	1	0	0.0	2	1	50.0
Truck/bus over 10,000 lbs.	25	21	84.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	23	21	91.3
Unknown	9	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	0	0.0
Total	1,519	1,385	91.2	3	2	0.0	14	9	64.3	50	48	96.0	99	89	89.9	1,318	1,237	93.9

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.

2020 - 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	11	11	100.0	0	0	0.0	0	0	0.0	1	1	100.0	6	6	100.0	4	4	100.0
16 - 20	172	164	95.3	0	0	0.0	0	0	0.0	7	7	100.0	14	13	92.9	151	144	95.4
21 - 24	138	131	94.9	0	0	0.0	1	1	100.0	3	2	66.7	5	5	100.0	129	123	95.3
25 - 64	946	881	93.1	2	1	50.0	11	6	54.5	33	32	97.0	60	54	90.0	837	788	94.1
65 +	209	198	94.7	1	1	100.0	2	2	100.0	6	6	100.0	14	11	78.6	185	178	96.2
Unknown	43	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	12	0	0.0
Total	1,519	1,385	91.2	3	2	0.0	14	9	64.3	50	48	96.0	99	89	89.9	1,318	1,237	93.9

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	2016			2017			2018			2019			2020		
	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	3	0	2	4	0	0	2	0	0	5	0	1	5	0	3
Shoulder belt only used	1	0	0	7	0	2	5	0	0	3	0	0	3	0	1
Lap belt only used	2	0	1	1	0	0	2	0	0	0	0	0	1	0	0
Both lap & shoulder belts used	1,994	3	192	1,944	1	163	2,011	1	140	1,831	1	132	1,332	1	98
No belts used	16	0	7	12	0	9	11	2	5	6	0	3	6	0	5
Child restraint used	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
Restraint failure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	33	0	3	116	0	0	117	0	6	115	0	4	118	1	4
Helmet worn	23	0	19	26	1	18	13	0	12	11	1	9	12	0	11
Helmet not worn	5	0	4	5	0	2	2	0	2	5	0	4	2	0	2
Helmet use unknown	1	0	1	1	0	1	2	0	1	2	0	1	0	0	0
Uncoded & errors	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2,168	3	229	2,116	2	195	2,165	3	166	1,978	2	154	1,479	2	124

5-Year Trend - Restraint Use Among Drivers Coded Drinking

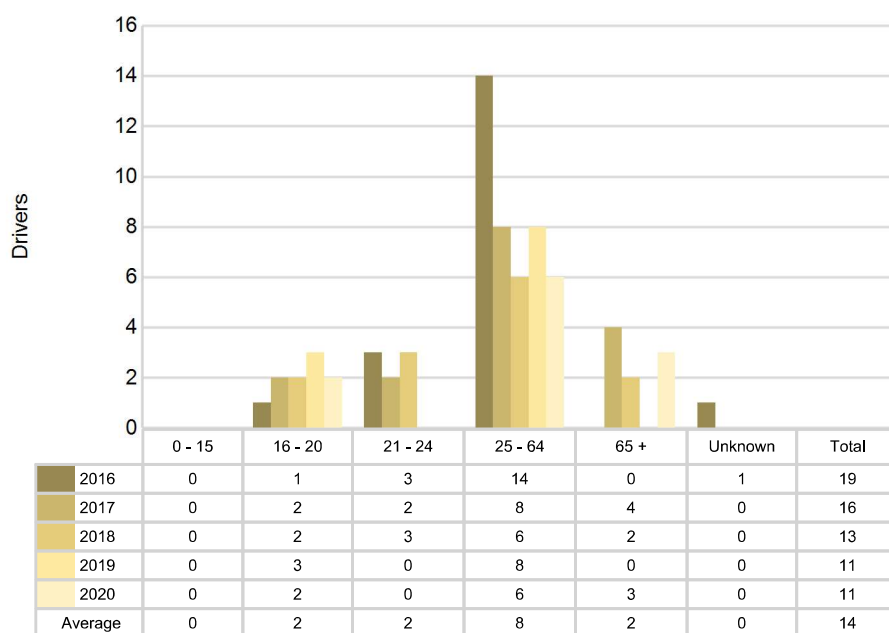
Restraint Use	2016			2017			2018			2019			2020		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoulder belt only used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lap belt only used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Both lap & shoulder belts used	37	0	9	40	0	7	49	0	12	39	0	12	26	1	7
No belts used	3	0	1	6	0	6	3	1	1	3	0	2	1	0	1
Child restraint used	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
Restraint failure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	4	0	2	4	0	0	7	0	3	9	0	2	14	1	2
Helmet worn	1	0	1	1	0	1	0	0	0	1	0	1	0	0	0
Helmet not worn	0	0	0	1	0	1	1	0	1	2	0	1	1	0	1
Helmet use unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uncoded & errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	45	0	13	52	0	15	60	1	17	54	0	18	42	2	11

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

Age Group	2016			2017			2018			2019			2020		
	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	1	0	0	2	0	1	2	0	1	3	0	0	2	0	1
21 - 24	3	0	1	2	0	0	3	1	2	0	0	0	0	0	0
25 - 64	14	0	8	8	0	7	6	1	1	8	0	4	6	0	4
65 +	0	0	0	4	0	1	2	0	1	0	0	0	3	0	3
Unknown	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	19	0	9	16	0	9	13	2	5	11	0	4	11	0	8

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

5-Year Trend Driver Seatbelt Not Used

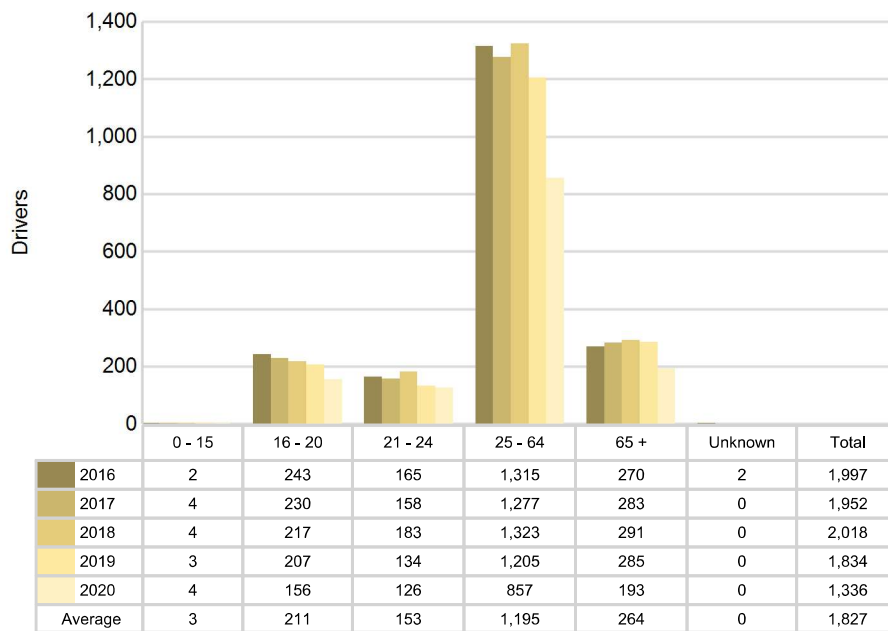


5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2016			2017			2018			2019			2020		
	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	4	0	0	4	0	0	3	0	0	4	0	0
16 - 20	243	0	26	230	0	27	217	0	20	207	0	14	156	0	12
21 - 24	165	0	17	158	0	15	183	0	11	134	0	4	126	0	4
25 - 64	1,315	2	125	1,277	1	97	1,323	0	83	1,205	1	83	857	1	68
65 +	270	1	25	283	0	26	291	1	26	285	0	31	193	0	15
Unknown	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,997	3	193	1,952	1	165	2,018	1	140	1,834	1	132	1,336	1	99

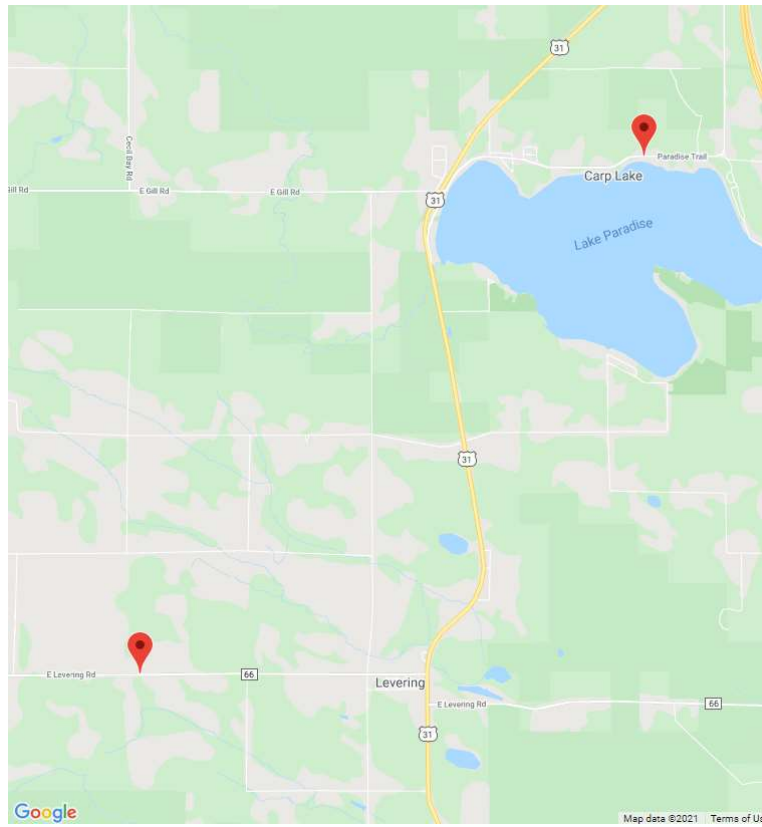
Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.

5-Year Trend Driver Seatbelt Used



5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2016		2017		2018		2019		2020	
	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	1,237	4	1,230	2	1,304	1	1,154	2	901	1
Speed too fast	265	0	290	1	218	1	238	0	140	1
Speed too slow	1	0	2	0	0	0	1	0	0	0
Failed to yield	164	2	165	0	148	0	169	1	128	1
Disregard traffic control	22	0	9	0	17	0	15	1	16	0
Drove wrong way	3	0	0	0	0	0	1	0	0	0
Drove left of center	17	2	18	0	15	0	19	0	10	1
Improper passing	4	0	6	0	10	0	8	1	7	0
Improper lane use	34	0	32	0	31	0	33	0	23	0
Improper turn	19	0	11	0	21	0	13	0	14	0
Improper/no signal	2	0	1	0	0	0	1	0	0	0
Improper backing	46	0	41	0	40	0	27	0	28	0
Unable to stop in assured clear distance	176	0	160	0	185	0	162	0	109	0
Other	72	0	58	0	55	0	45	0	29	0
Unknown	11	0	18	0	18	0	24	0	11	0
Reckless driving	18	0	4	0	13	0	9	0	3	0
Careless/negligent driving	77	1	71	0	90	2	59	0	60	0
Uncoded & errors	0	0	0	0	0	0	0	0	0	0
Total	2,168	9	2,116	3	2,165	4	1,978	5	1,479	4



The picture above represents all 2020 alcohol-involved fatal crashes in Emmet County.

In 2020, there were 42 alcohol-involved crashes in Emmet County:

- 2 K - Fatal Crashes
- 2 A - Suspected Serious Injury Crashes
- 6 B - Suspected Minor Injury Crashes
- 6 C - Possible Injury Crashes
- 26 O - Property Damage Only/No Injury Crashes

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