



2018

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

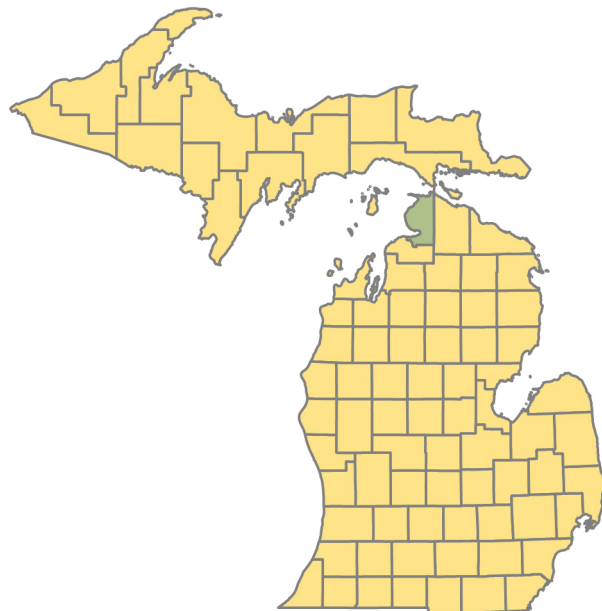
O = No Injury

Property Damage Only (PDO)



Emmet County

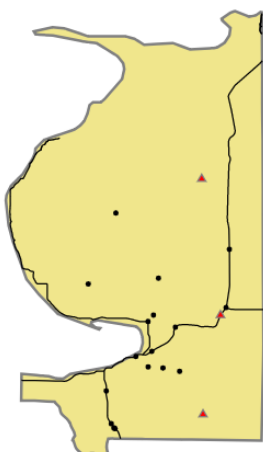
2018 Traffic Crash Data & 2014-2018 5-Year Trends



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.

This page left intentionally blank



Crashes by most severe injury (mapped/actual)

- ▲ K - Fatal (3/3)
- A - Suspected Serious (17/17)

Emmet County

In 2018:

There were 2,165 drivers involved in 1,533 motor vehicle crashes in Emmet County. Of those crashes, 3 were classified as fatal, resulting in 4 fatalities. An additional 238 persons were injured.

Emmet County experienced the highest number of motor vehicle crashes (186) in December, the highest number of fatal crashes (1) in July, August, and October, and the highest number of persons killed (2) in July.

Michigan driver statistics indicate 6.1 percent of licensed drivers in Emmet County were age 16-20, and 10.3 percent of drivers in crashes were also in that age group.

2018 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	142	0	11	131	0	17
February	133	0	14	119	0	18
March	93	0	5	88	0	6
April	86	0	10	76	0	10
May	83	0	14	69	0	17
June	125	0	13	112	0	15
July	134	1	25	108	2	40
August	123	1	22	100	1	30
September	112	0	17	95	0	20
October	131	1	19	111	1	28
November	185	0	13	172	0	15
December	186	0	16	170	0	22
Total	1,533	3	179	1,351	4	238

2018 - Driver Statistics

Age Group	Emmet County			Driver Rates	
	2018 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	5,555	253	4	7.2	158.1
16 - 20	1,897	1,692	223	1,175.5	1,318.0
21 - 24	1,497	1,478	192	1,282.6	1,299.1
25 - 64	16,854	16,881	1,367	811.1	809.8
65 +	7,505	7,645	300	399.7	392.4
Unknown	0	0	79	- -	- -
Total	33,308	27,949	2,165	650.0	774.6

2018 - 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	1,657	76.5	4	100.0	216	1,437
Motor home	14	0.6	0	0.0	1	13
Pickup truck	389	18.0	0	0.0	51	338
Small truck under 10,000 lbs. GVWR	25	1.2	0	0.0	3	22
Motorcycle	14	0.6	0	0.0	12	2
Moped / goped	1	0.0	0	0.0	1	0
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	2	0.1	0	0.0	2	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	0	0.0	0	0.0	0	0
Other	11	0.5	0	0.0	0	11
Truck/bus over 10,000 lbs.	35	1.6	0	0.0	4	31
Unknown	17	0.8	0	0.0	2	15
Total	2,165	100.0	4	100.0	292	1,869

Emmet County (continued)

5-Year Trend - Crashes by Month

Month	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	184	0	161	0	138	0	138	1	142	0
February	133	0	123	0	118	0	107	0	133	0
March	123	0	79	0	89	0	102	0	93	0
April	78	0	77	0	80	0	68	0	86	0
May	89	0	81	2	100	0	85	0	83	0
June	85	1	130	1	122	0	97	0	125	0
July	101	0	109	0	144	2	109	0	134	1
August	112	0	120	0	133	2	119	0	123	1
September	107	2	82	0	105	0	108	1	112	0
October	119	0	108	0	114	1	137	0	131	1
November	174	0	168	0	169	0	183	0	185	0
December	180	0	155	0	167	0	223	0	186	0
Total	1,485	3	1,393	3	1,479	5	1,476	2	1,533	3

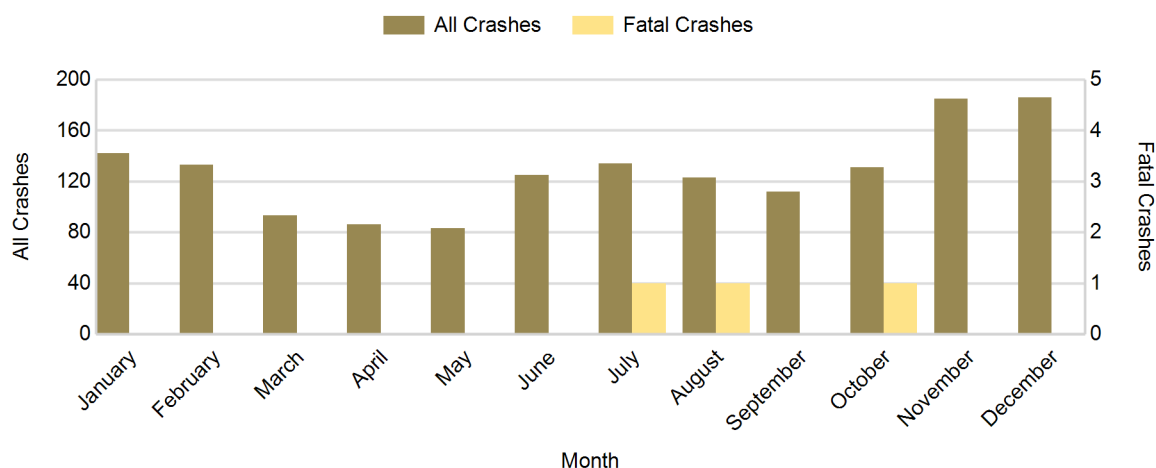
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	223	1	212	1	191	0	215	0	260	1
Tuesday	233	1	193	1	220	2	203	0	238	0
Wednesday	241	0	209	1	248	0	229	0	214	1
Thursday	217	0	227	0	246	1	240	1	215	0
Friday	250 †	0	230 †	0	259 †	0	248 †	0	281 †	1
Saturday	156	0	164	0	169	1	181	1	179	0
Sunday	165	1	158	0	146	1	160	0	146	0
Total	1,485	3	1,393	3	1,479	5	1,476	2	1,533	3

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

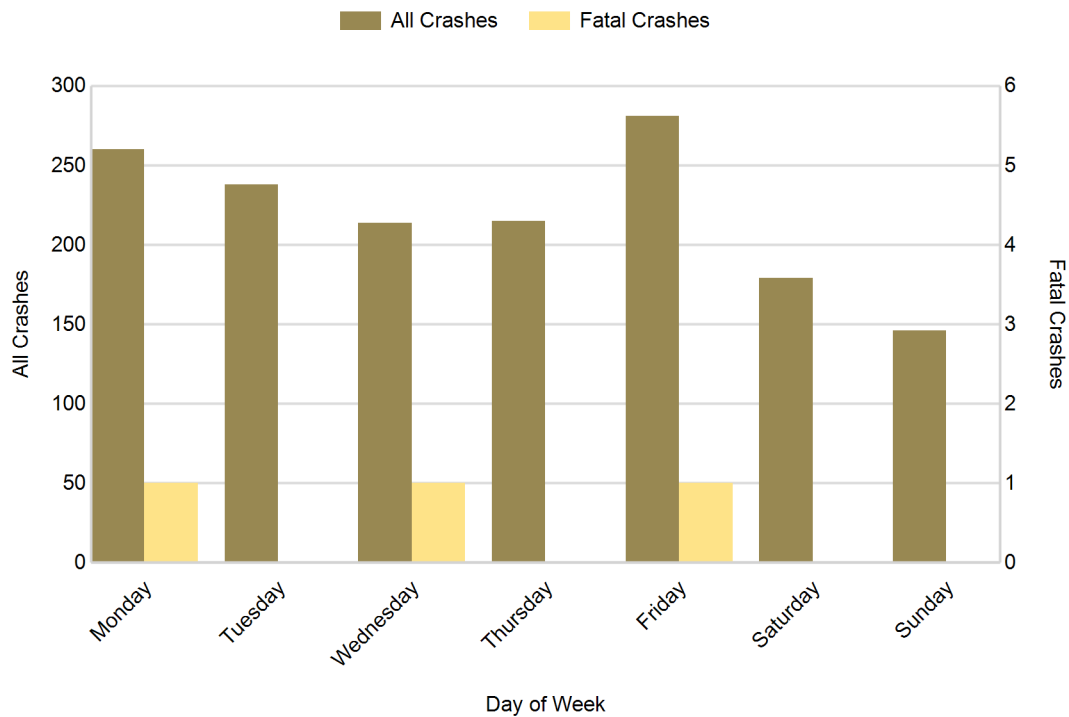
2018 Crashes by Month



2018 - 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	260	17.0	1	33.3	1	7	20	231
Tuesday	238	15.5	0	0.0	4	9	16	209
Wednesday	214	14.0	1	33.3	3	10	11	189
Thursday	215	14.0	0	0.0	0	10	9	196
Friday	281	18.3	1	33.3	4	13	20	243
Saturday	179	11.7	0	0.0	3	11	13	152
Sunday	146	9.5	0	0.0	2	7	6	131
Total	1,533	100.0	3	100.0	17	67	95	1,351

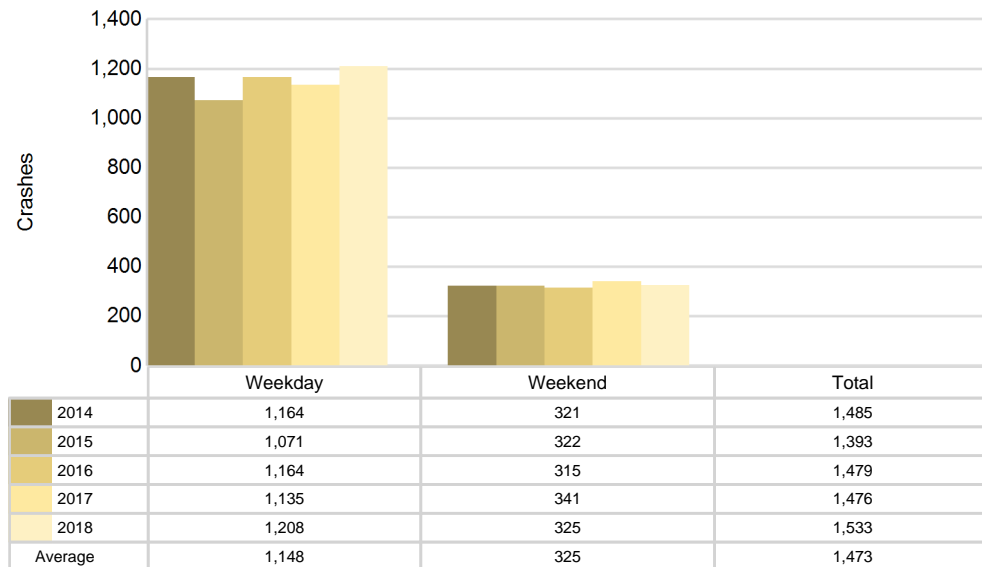
2018 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	1,164	2	1,071	3	1,164	3	1,135	1	1,208	3
Weekend	321	1	322	0	315	2	341	1	325	0
Total	1,485	3	1,393	3	1,479	5	1,476	2	1,533	3

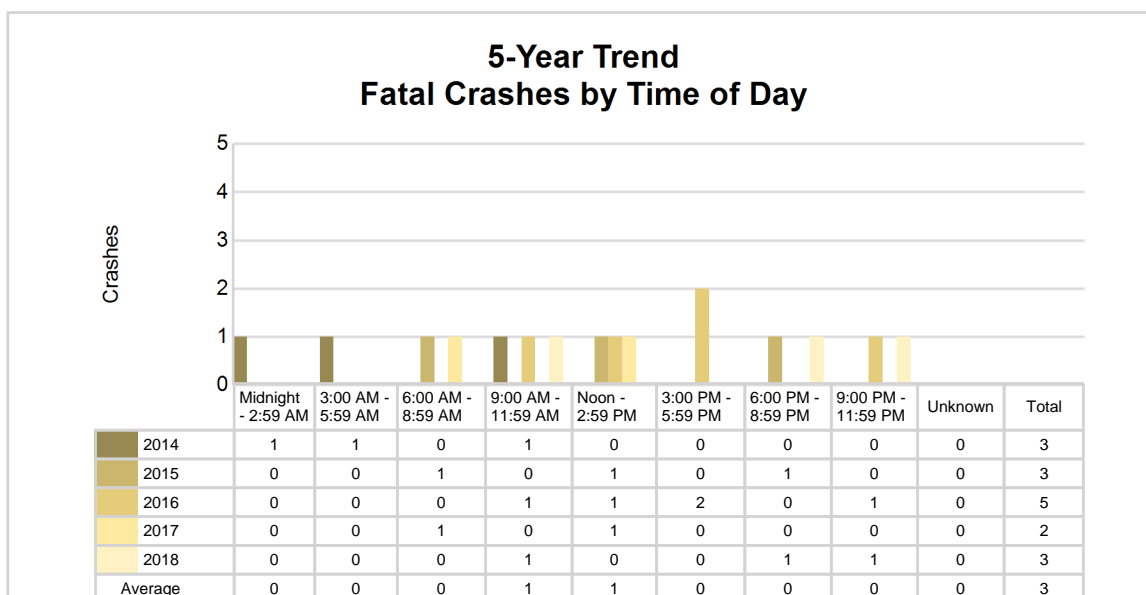
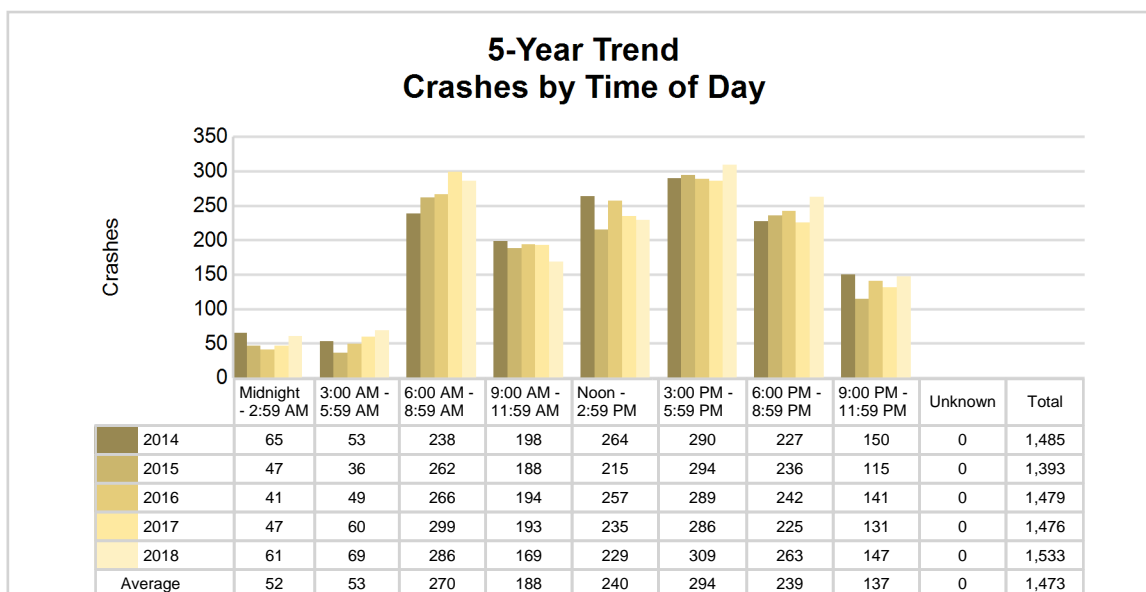
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

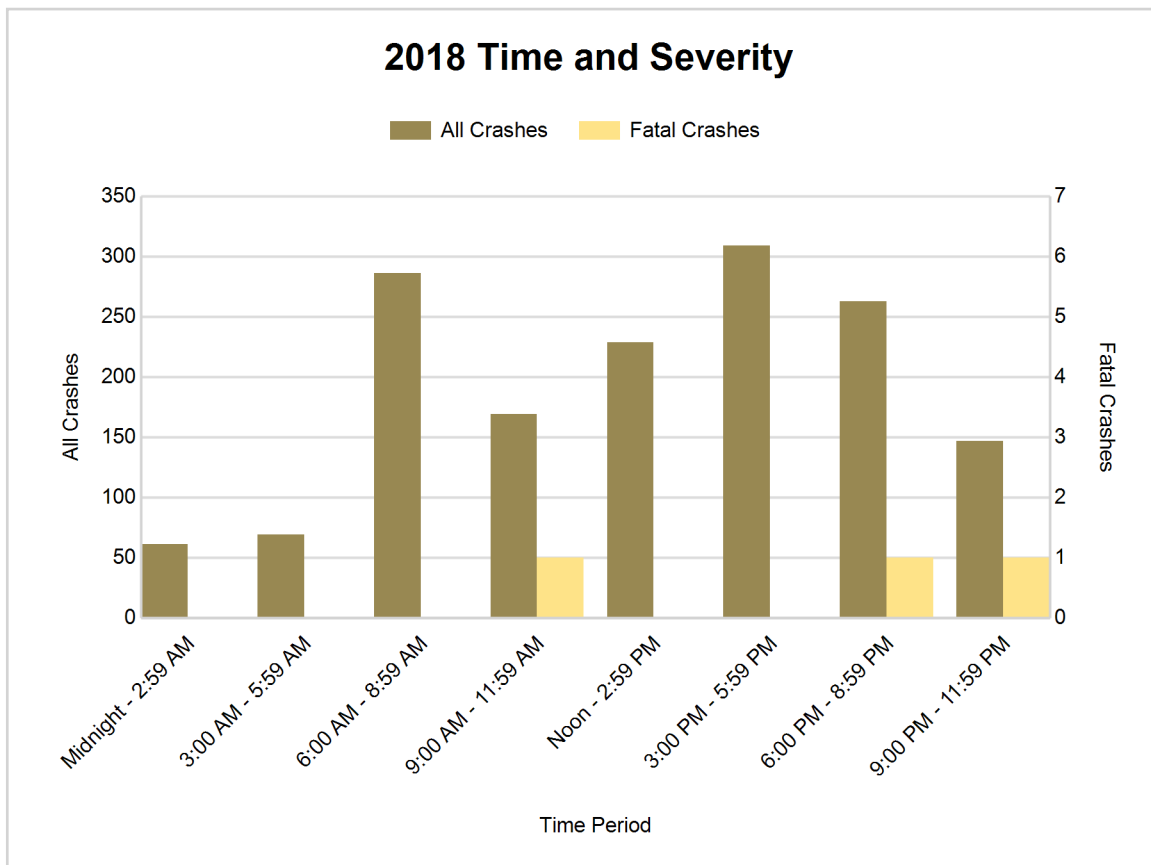
Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	65	1	47	0	41	0	47	0	61	0
3:00 AM - 5:59 AM	53	1	36	0	49	0	60	0	69	0
6:00 AM - 8:59 AM	238	0	262	1	266	0	299	1	286	0
9:00 AM - 11:59 AM	198	1	188	0	194	1	193	0	169	1
Noon - 2:59 PM	264	0	215	1	257	1	235	1	229	0
3:00 PM - 5:59 PM	290	0	294	0	289	2	286	0	309	0
6:00 PM - 8:59 PM	227	0	236	1	242	0	225	0	263	1
9:00 PM - 11:59 PM	150	0	115	0	141	1	131	0	147	1
Unknown	0	0	0	0	0	0	0	0	0	0
Total	1,485	3	1,393	3	1,479	5	1,476	2	1,533	3

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



2018 - Time and Severity

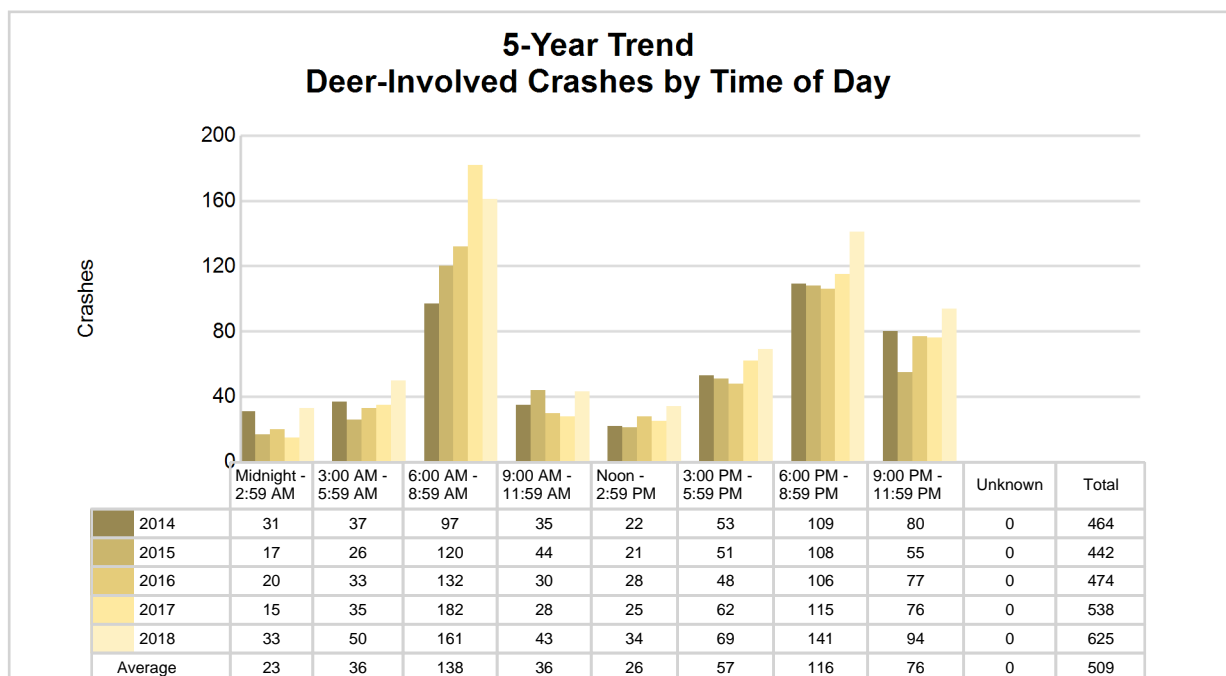
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	61	4.0	0	0.0	0	3	2	56
3:00 AM - 5:59 AM	69	4.5	0	0.0	1	0	3	65
6:00 AM - 8:59 AM	286	18.7	0	0.0	4	8	10	264
9:00 AM - 11:59 AM	169	11.0	1	33.3	1	8	14	145
Noon - 2:59 PM	229	14.9	0	0.0	5	10	23	191
3:00 PM - 5:59 PM	309	20.2	0	0.0	4	17	29	259
6:00 PM - 8:59 PM	263	17.2	1	33.3	1	16	6	239
9:00 PM - 11:59 PM	147	9.6	1	33.3	1	5	8	132
Unknown	0	0.0	0	0.0	0	0	0	0
Total	1,533	100.0	3	100.0	17	67	95	1,351



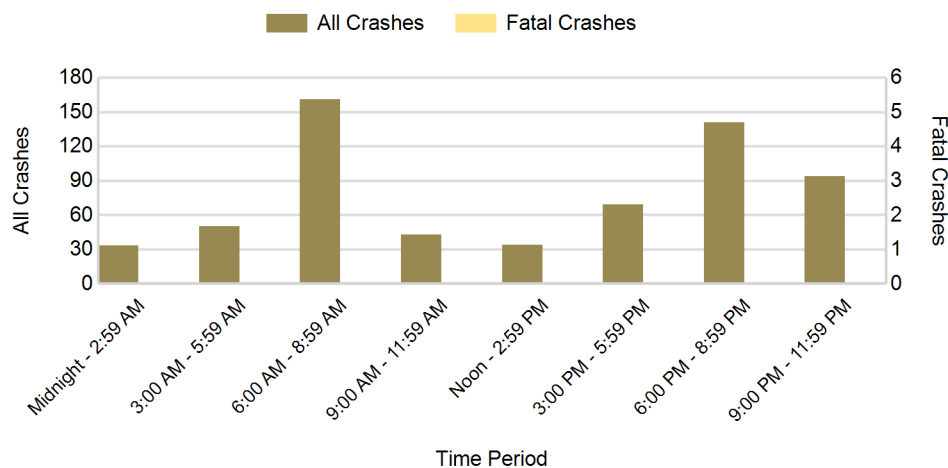
5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	31	0	17	0	20	0	15	0	33	0
3:00 AM - 5:59 AM	37	0	26	0	33	0	35	0	50	0
6:00 AM - 8:59 AM	97	0	120	0	132	0	182	0	161	0
9:00 AM - 11:59 AM	35	0	44	0	30	0	28	0	43	0
Noon - 2:59 PM	22	0	21	0	28	0	25	0	34	0
3:00 PM - 5:59 PM	53	0	51	0	48	0	62	0	69	0
6:00 PM - 8:59 PM	109	0	108	0	106	0	115	0	141	0
9:00 PM - 11:59 PM	80	0	55	0	77	0	76	0	94	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	464	0	442	0	474	0	538	0	625	0

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



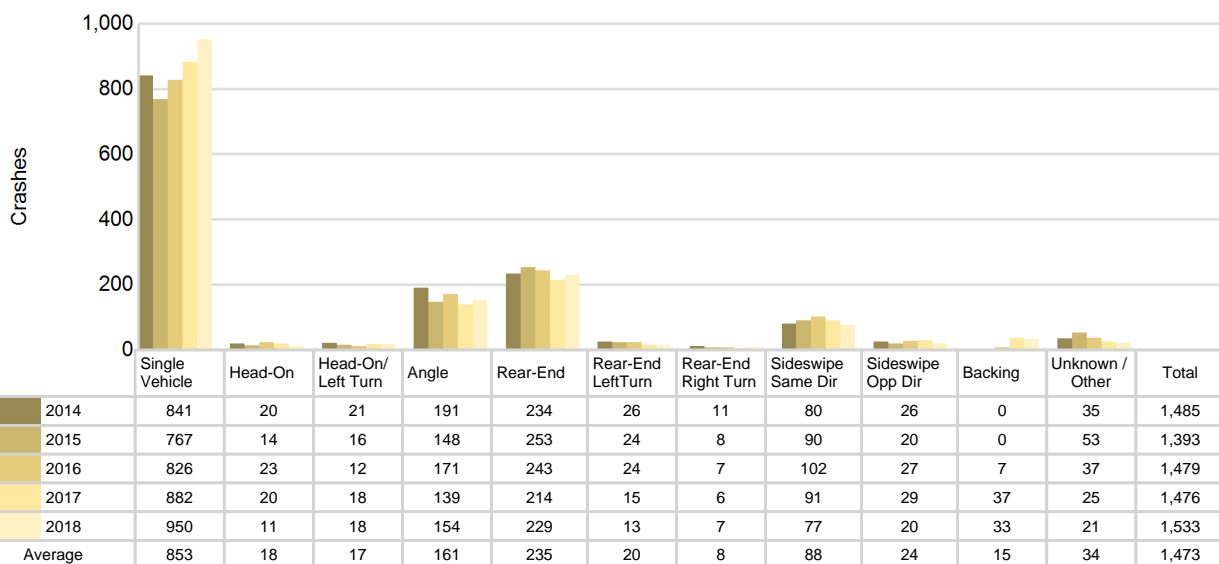
2018 Time and Severity of Deer-Involved Crashes



There were no fatal deer-involved crashes in Emmet County in 2018

5-Year Trend - Crashes by Crash Type

Crash Type	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single motor vehicle	841	3	767	2	826	1	882	1	950	2
Head-on	20	0	14	1	23	2	20	1	11	0
Head-on / left turn	21	0	16	0	12	0	18	0	18	0
Angle	191	0	148	0	171	2	139	0	154	1
Rear-end	234	0	253	0	243	0	214	0	229	0
Rear-end left turn	26	0	24	0	24	0	15	0	13	0
Rear-end right turn	11	0	8	0	7	0	6	0	7	0
Sideswipe same direction	80	0	90	0	102	0	91	0	77	0
Sideswipe opposite direction	26	0	20	0	27	0	29	0	20	0
Backing	0	0	0	0	7	0	37	0	33	0
Other / Unknown	35	0	53	0	37	0	25	0	21	0
Uncoded and Errors	0	0	0	0	0	0	0	0	0	0
Total	1,485	3	1,393	3	1,479	5	1,476	2	1,533	3

5-Year Trend
Crashes by Crash Type

Emmet County (continued)

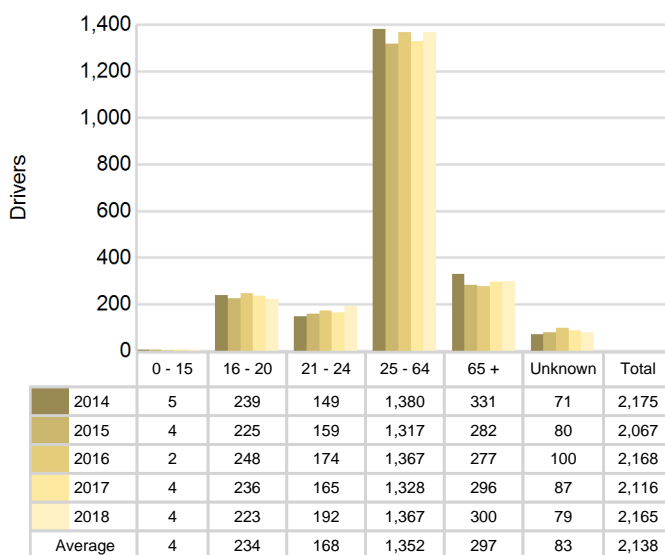
2018 - Reported Motor Vehicle Crashes by Municipality

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	37	0	6	31	0	21	11	5	2	2	8	0	8
Bear Creek Twp.	461	0	65	396	0	194	32	233	19	4	170	0	97
Bliss Twp.	16	0	0	16	0	0	0	16	0	1	11	0	0
Carp Lake Twp.	31	0	2	29	0	19	0	12	1	1	21	0	2
Center Twp.	38	0	2	36	0	0	0	38	1	0	25	0	2
Cross Village Twp.	11	0	1	10	0	0	1	10	2	0	6	0	1
Friendship Twp.	25	0	5	20	0	0	2	23	0	0	14	0	7
Harbor Springs	49	0	5	44	0	0	29	20	3	0	8	0	5
Little Traverse Twp.	135	0	10	125	0	16	55	62	4	0	58	0	10
Littlefield Twp.	80	1	5	74	0	40	14	26	2	1	47	2	6
Mackinaw City	5	0	2	3	3	0	0	2	0	0	0	0	2
Maple River Twp.	81	0	9	72	0	47	0	34	3	0	57	0	11
McKinley Twp.	51	1	7	43	0	14	0	37	1	0	26	1	7
Pellston	9	0	2	7	0	5	0	4	0	0	1	0	2
Petoskey	244	0	32	212	0	151	0	93	13	4	26	0	46
Pleasantview Twp.	54	0	7	47	0	0	0	54	2	1	22	0	8
Readmond Twp.	26	0	5	21	0	0	2	24	1	0	18	0	7
Resort Twp.	52	0	5	47	0	3	0	49	0	0	34	0	5
Springvale Twp.	86	1	4	81	0	0	0	86	5	2	51	1	5
Wawatam Twp.	4	0	0	4	0	2	0	2	0	0	1	0	0
West Traverse Twp.	38	0	5	33	0	0	9	29	2	0	21	0	7
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,533	3	179	1,351	3	512	155	859	61	16	625	4	238

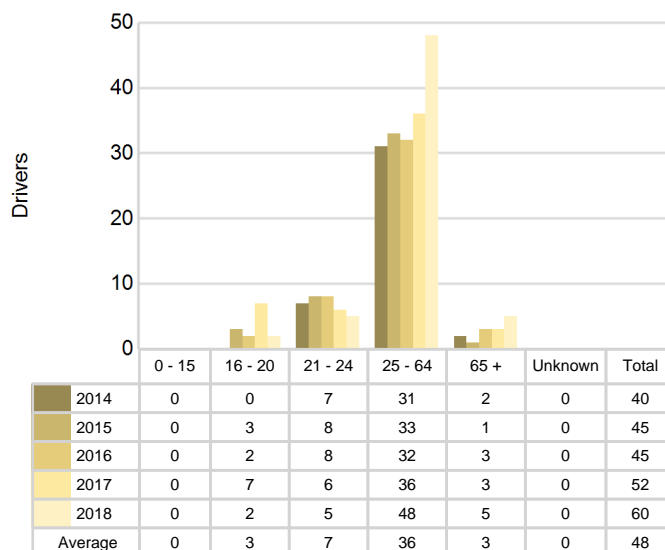
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2014		2015		2016		2017		2018	
	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	5	0	4	0	2	0	4	0	4	0
16 - 20	239	0	225	3	248	2	236	7	223	2
21 - 24	149	7	159	8	174	8	165	6	192	5
25 - 64	1,380	31	1,317	33	1,367	32	1,328	36	1,367	48
65 +	331	2	282	1	277	3	296	3	300	5
Unknown	71	0	80	0	100	0	87	0	79	0
Total	2,175	40	2,067	45	2,168	45	2,116	52	2,165	60

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



2018 - 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	1	0	0	0	0	0	0	0
16 - 20	3	2	2	2	0	1	0	1	0
21 - 24	7	7	4	5	0	0	1	1	3
25 - 64	60	43	37	48	0	4	6	13	25
65 +	6	5	5	5	0	3	0	0	2
Unknown	4	0	0	0	0	0	0	0	0
Total	80	58	48	60	0	8	7	15	30

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 2018, there were 80 drivers in alcohol-involved crashes; 60 (75.0%) of those drivers were coded as had-been-drinking by the officer on the crash form.

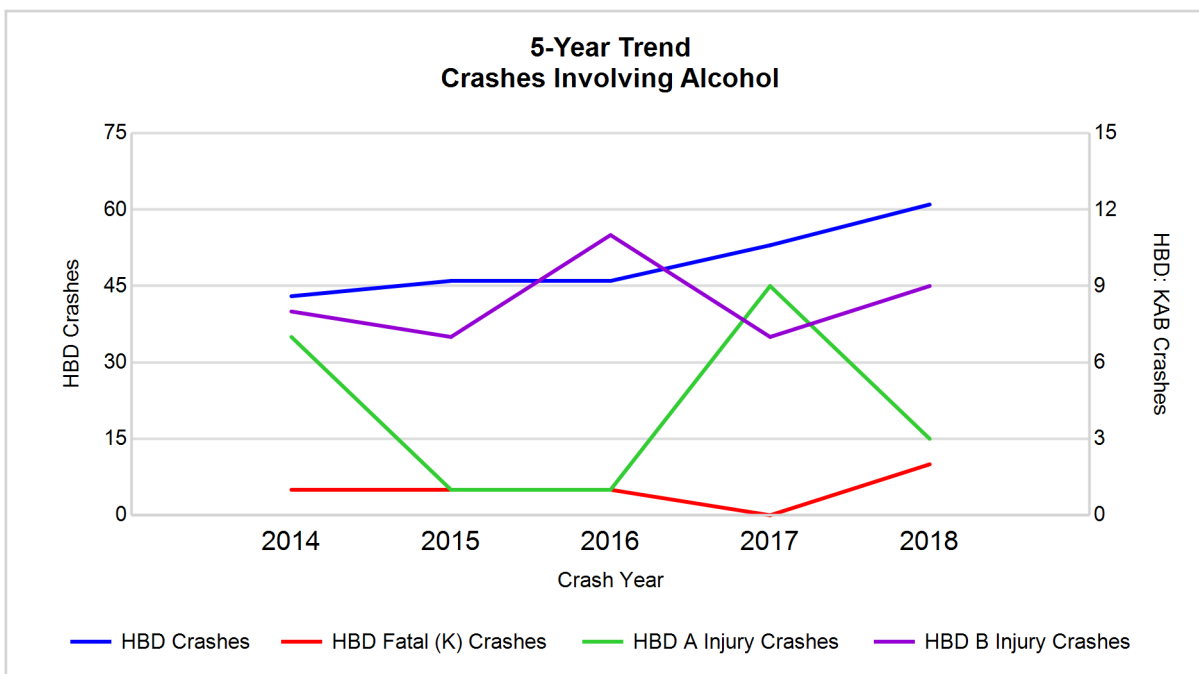
- 22 (36.7%) of the 60 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 15 (68.2%) of the 22 drivers had a BAC at or above 0.17 g/dL.
- 48 (80.0%) of the 60 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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
2014	1,485	43	2.9	3	1	33.3	21	7	33.3	74	8	10.8
2015	1,393	46	3.3	3	1	33.3	15	1	6.7	68	7	10.3
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**

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



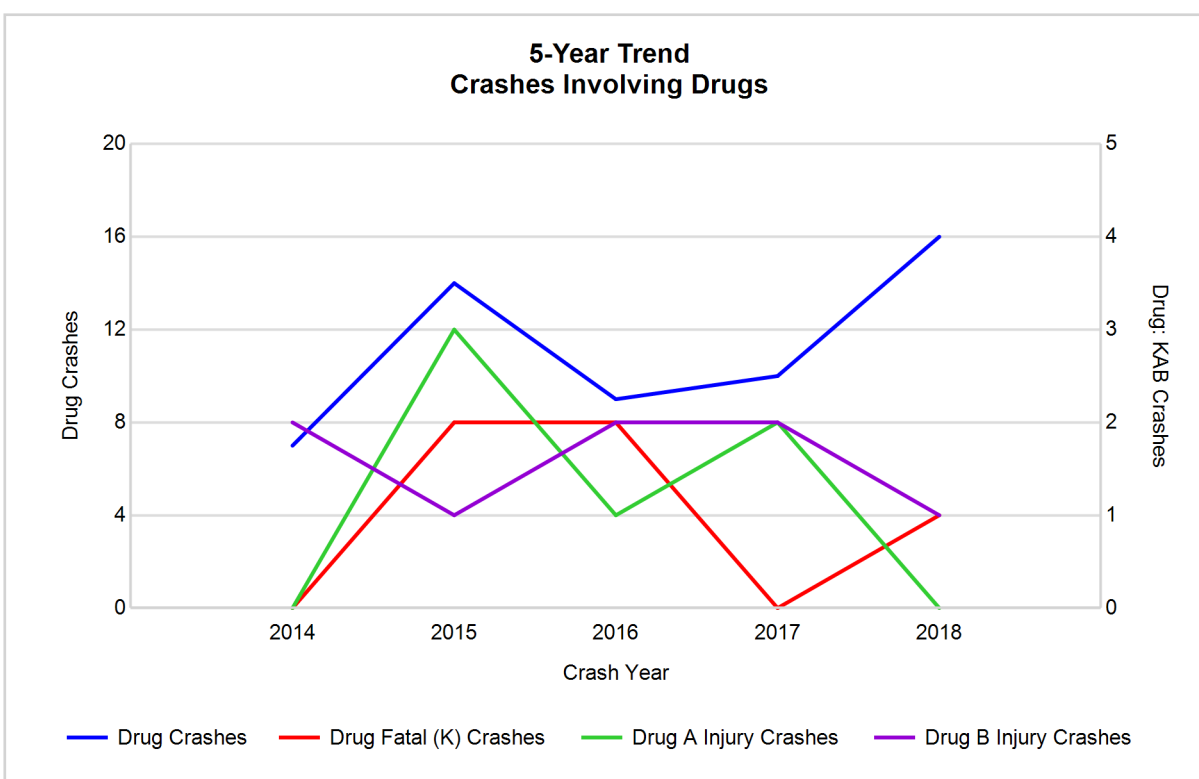
Note: Had-Been-Drinking (HBD)

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
2014	1,485	7	0.5	3	0	0.0	21	0	0.0	74	2	2.7
2015	1,393	14	1.0	3	2	66.7	15	3	20.0	68	1	1.5
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

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

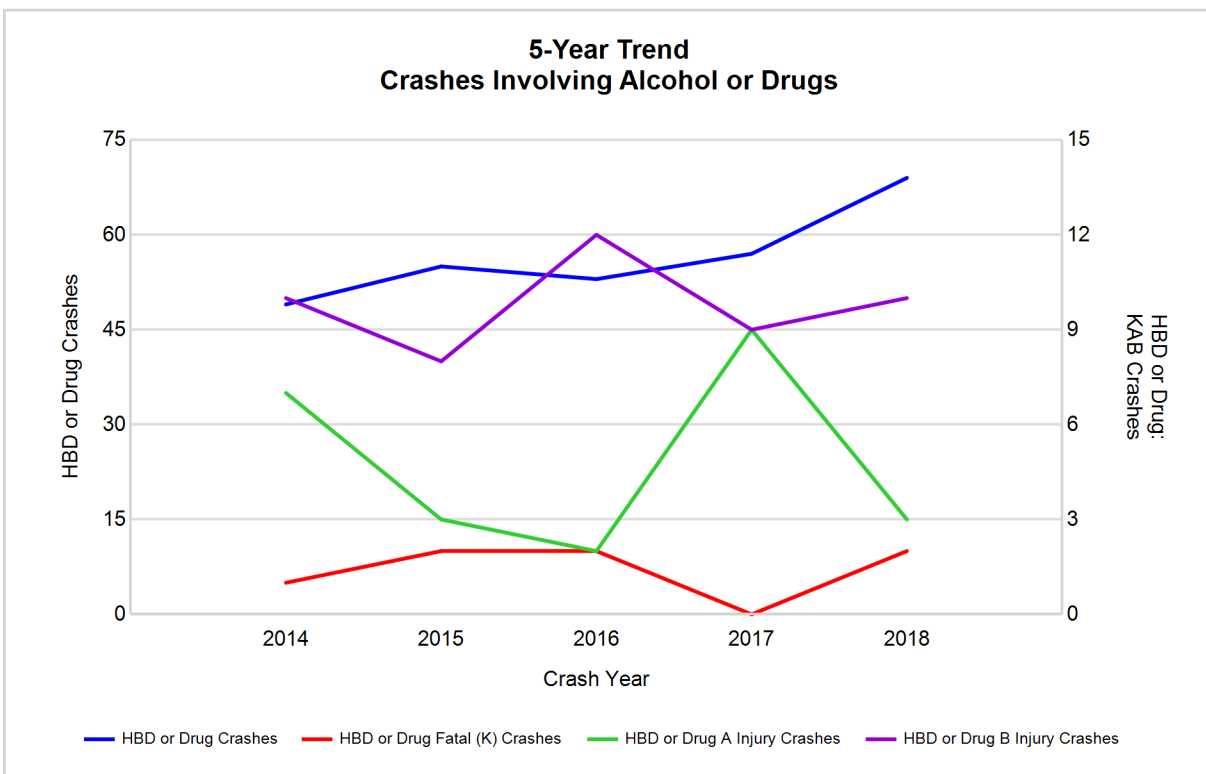


5-Year Trend - Crashes Involving Alcohol or Drugs

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
2014	1,485	49	3.3	3	1	33.3	21	7	33.3	74	10	13.5
2015	1,393	55	3.9	3	2	66.7	15	3	20.0	68	8	11.8
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**

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)

2018 - 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	1,703	1,616	94.9	3	1	33.3	10	9	90.0	56	52	92.9	103	99	96.1	1,480	1,455	98.3
Motor home	14	12	85.7	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	12	11	91.7
Pickup truck	396	372	93.9	0	0	0.0	4	3	75.0	11	10	90.9	17	14	82.4	354	345	97.5
Small truck under 10,000 lbs. GVWR	25	24	96.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	24	23	95.8
Motorcycle	17	13	76.5	0	0	0.0	5	4	80.0	7	5	71.4	3	3	100.0	2	1	50.0
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	2	2	100.0	0	0	0.0	1	1	100.0	0	0	0.0	1	1	100.0	0	0	0.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Other	11	10	90.9	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	11	10	90.9
Truck/bus over 10,000 lbs.	37	36	97.3	0	0	0.0	0	0	0.0	1	1	100.0	2	2	100.0	34	33	97.1
Unknown	17	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	4	0	0.0
Total	2,223	2,086	93.8	3	1	0.0	20	17	85.0	77	70	90.9	127	120	94.5	1,921	1,878	97.8

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.

2018 - 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	22	22	100.0	0	0	0.0	1	1	100.0	3	3	100.0	14	14	100.0	4	4	100.0
16 - 20	231	226	97.8	0	0	0.0	0	0	0.0	8	7	87.5	23	22	95.7	200	197	98.5
21 - 24	192	185	96.4	1	0	0.0	0	0	0.0	7	5	71.4	8	7	87.5	176	173	98.3
25 - 64	1,389	1,352	97.3	1	0	0.0	15	13	86.7	43	41	95.3	62	58	93.5	1,263	1,240	98.2
65 +	310	301	97.1	1	1	100.0	4	3	75.0	16	14	87.5	20	19	95.0	268	264	98.5
Unknown	79	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	10	0	0.0
Total	2,223	2,086	93.8	3	1	0.0	20	17	85.0	77	70	90.9	127	120	94.5	1,921	1,878	97.8

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	2014			2015			2016			2017			2018		
	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	20	0	2	7	0	1	3	0	2	4	0	0	2	0	0
Shoulder belt only used	0	0	0	0	0	0	1	0	0	7	0	2	5	0	0
Lap belt only used	0	0	0	1	0	1	2	0	1	1	0	0	2	0	0
Both lap & shoulder belts used	2,030	1	161	1,923	0	153	1,994	3	192	1,944	1	163	2,011	1	140
No belts used	11	1	7	11	1	7	16	0	7	12	0	9	11	2	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	1	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	28	1	2	17	1	1	33	0	3	116	0	0	117	0	6
Helmet worn	19	0	16	13	0	10	23	0	19	26	1	18	13	0	12
Helmet not worn	5	0	4	8	0	5	5	0	4	5	0	2	2	0	2
Helmet use unknown	1	0	1	0	0	0	1	0	1	1	0	1	2	0	1
Uncoded & errors	61	0	0	86	0	1	90	0	0	0	0	0	0	0	0
Total	2,175	3	193	2,067	2	179	2,168	3	229	2,116	2	195	2,165	3	166

5-Year Trend - Restraint Use Among Drivers Coded Drinking

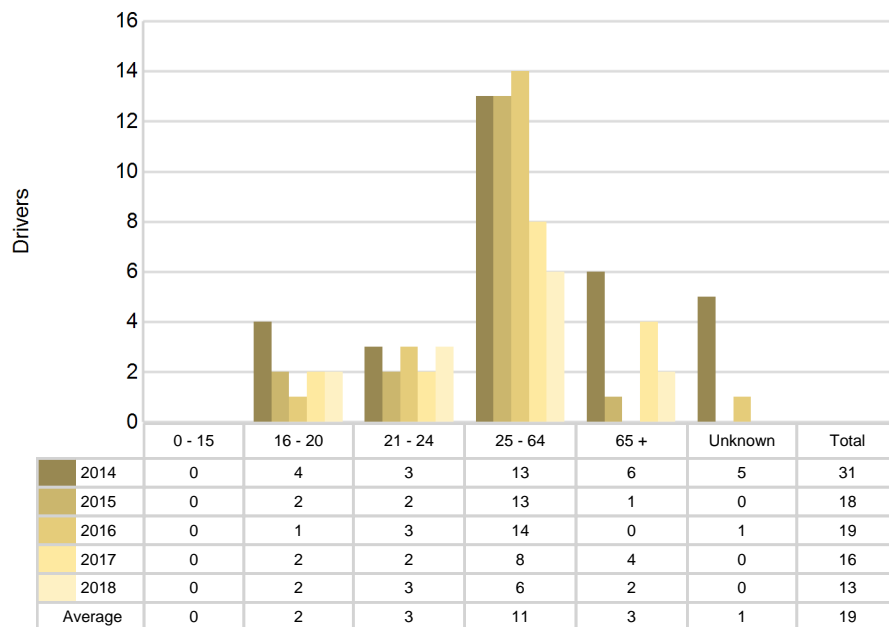
Restraint Use	2014			2015			2016			2017			2018		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoulder belt only used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lap belt only used	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Both lap & shoulder belts used	28	0	13	35	0	6	37	0	9	40	0	7	49	0	12
No belts used	2	0	2	4	1	2	3	0	1	6	0	6	3	1	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	6	1	0	4	0	0	4	0	2	4	0	0	7	0	3
Helmet worn	2	0	0	0	0	0	1	0	1	1	0	1	0	0	0
Helmet not worn	2	0	2	1	0	1	0	0	0	1	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	40	1	17	45	1	10	45	0	13	52	0	15	60	1	17

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

Age Group	2014			2015			2016			2017			2018		
	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	2	2	0	1	1	0	0	2	0	1	2	0	1
21 - 24	3	0	2	2	0	0	3	0	1	2	0	0	3	1	2
25 - 64	13	1	3	13	1	6	14	0	8	8	0	7	6	1	1
65 +	6	0	2	1	0	1	0	0	0	4	0	1	2	0	1
Unknown	5	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Total	31	1	9	18	1	8	19	0	9	16	0	9	13	2	5

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

5-Year Trend Driver Seatbelt Not Used

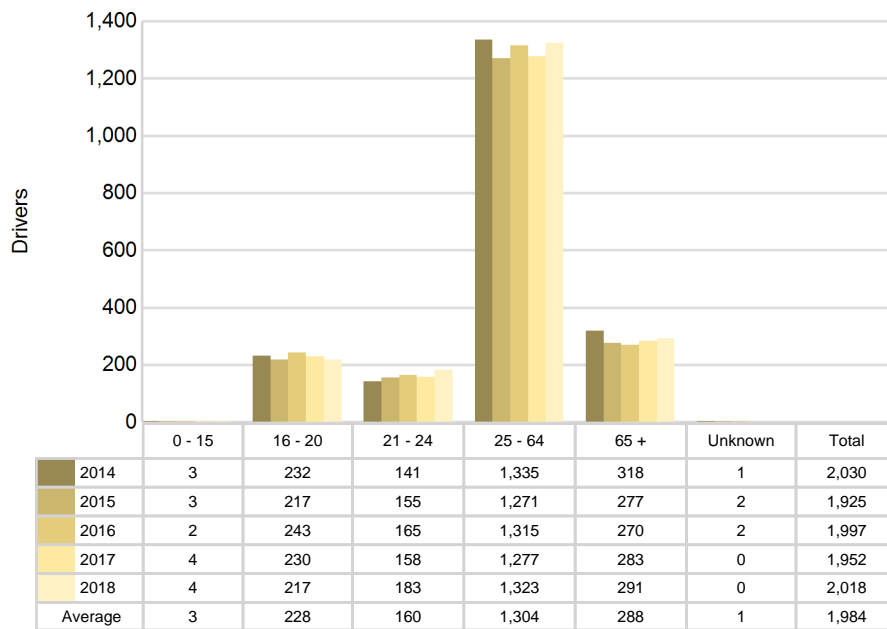


5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2014			2015			2016			2017			2018		
	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	3	0	0	3	0	0	2	0	0	4	0	0	4	0	0
16 - 20	232	1	25	217	0	20	243	0	26	230	0	27	217	0	20
21 - 24	141	0	8	155	0	13	165	0	17	158	0	15	183	0	11
25 - 64	1,335	0	103	1,271	0	103	1,315	2	125	1,277	1	97	1,323	0	83
65 +	318	0	25	277	0	18	270	1	25	283	0	26	291	1	26
Unknown	1	0	0	2	0	0	2	0	0	0	0	0	0	0	0
Total	2,030	1	161	1,925	0	154	1,997	3	193	1,952	1	165	2,018	1	140

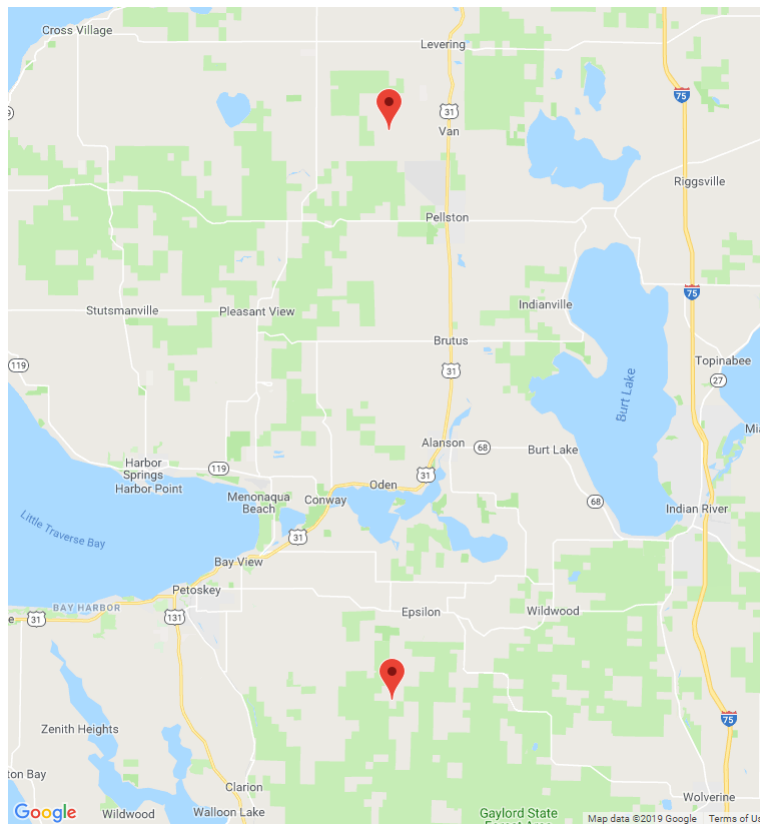
Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.

5-Year Trend Driver Seatbelt Used



5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2014		2015		2016		2017		2018	
	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	1,203	0	1,159	1	1,237	4	1,230	2	1,304	1
Speed too fast	294	3	224	1	265	0	290	1	218	1
Speed too slow	1	0	2	0	1	0	2	0	0	0
Failed to yield	170	0	152	0	164	2	165	0	148	0
Disregard traffic control	28	0	16	0	22	0	9	0	17	0
Drove wrong way	3	0	2	0	3	0	0	0	0	0
Drove left of center	14	0	10	1	17	2	18	0	15	0
Improper passing	10	0	8	0	4	0	6	0	10	0
Improper lane use	31	0	30	0	34	0	32	0	31	0
Improper turn	15	0	15	0	19	0	11	0	21	0
Improper/no signal	0	0	2	0	2	0	1	0	0	0
Improper backing	45	0	46	0	46	0	41	0	40	0
Unable to stop in assured clear distance	221	0	245	0	176	0	160	0	185	0
Other	65	0	55	0	72	0	58	0	55	0
Unknown	23	0	26	0	11	0	18	0	18	0
Reckless driving	4	0	12	1	18	0	4	0	13	0
Careless/negligent driving	48	0	63	0	77	1	71	0	90	2
Uncoded & errors	0	0	0	0	0	0	0	0	0	0
Total	2,175	3	2,067	4	2,168	9	2,116	3	2,165	4



The picture above represents all 2018 alcohol-involved fatal crashes in Emmet County.

In 2018, there were 61 alcohol-involved crashes in Emmet County:

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

Office of Highway Safety Planning

Physical Address:
7150 Harris Drive
Dimondale, Michigan 48821

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

Phone: (517) 284-3112
Fax: (517) 284-3151

Find us on the web:
MichiganTrafficCrashFacts.org

