



2017

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

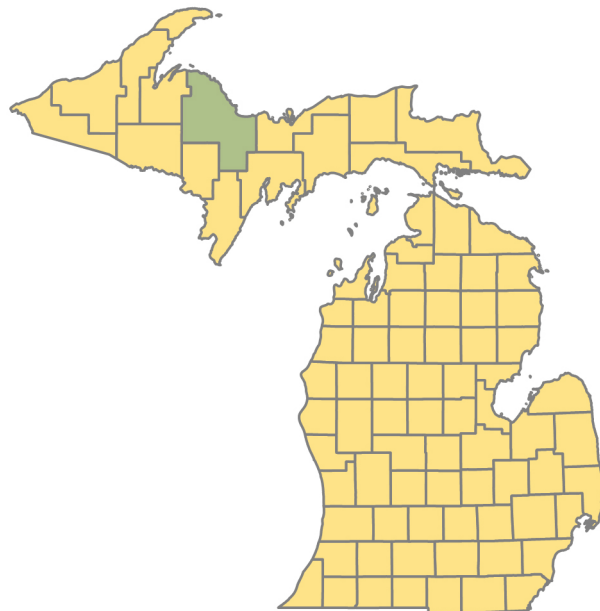
O = No Injury

Property Damage Only (PDO)



Marquette County

2017 Traffic Crash Data & 2013-2017 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 (4/4)
- A - Suspected Serious (23/23)

Marquette County

In 2017:

There were 2,795 drivers involved in 1,820 motor vehicle crashes in Marquette County. Of those crashes, 4 were classified as fatal, resulting in 4 fatalities. An additional 365 persons were injured.

Marquette County experienced the highest number of motor vehicle crashes (228) in December, the highest number of fatal crashes (1) and the highest number of persons killed (1) in February, March, May, and August.

Michigan driver statistics indicate 5.6 percent of licensed drivers in Marquette County were age 16-20, and 12.1 percent of drivers in crashes were also in that age group.

2017 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	183	0	27	156	0	38
February	163	1	30	132	1	39
March	125	1	16	108	1	29
April	90	0	15	75	0	21
May	114	1	21	92	1	27
June	125	0	22	103	0	32
July	112	0	20	92	0	27
August	106	1	19	86	1	24
September	163	0	28	135	0	42
October	208	0	25	183	0	28
November	203	0	16	187	0	21
December	228	0	31	197	0	37
Total	1,820	4	270	1,546	4	365

2017 - Driver Statistics

Age Group	Marquette County			Driver Rates	
	2017 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	10,679	306	4	3.7	130.7
16 - 20	5,691	2,694	339	595.7	1,258.4
21 - 24	5,911	3,221	296	500.8	919.0
25 - 64	31,876	30,391	1,577	494.7	518.9
65 +	12,345	11,184	348	281.9	311.2
Unknown	0	0	231	- -	- -
Total	66,502	47,796	2,795	420.3	584.8

2017 - 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	2,076	74.3	4	66.7	327	1,745
Motor home	3	0.1	0	0.0	1	2
Pickup truck	522	18.7	1	16.7	87	434
Small truck under 10,000 lbs. GVWR	19	0.7	0	0.0	3	16
Motorcycle	16	0.6	1	16.7	12	3
Moped / goped	4	0.1	0	0.0	4	0
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	12	0.4	0	0.0	7	5
Other	10	0.4	0	0.0	0	10
Truck/bus over 10,000 lbs.	71	2.5	0	0.0	7	64
Unknown	62	2.2	0	0.0	6	56
Total	2,795	100.0	6	100.0	454	2,335

5-Year Trend - Crashes by Month

Month	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	229	0	256	0	227	0	206	2	183	0
February	182	0	208	0	288	0	179	1	163	1
March	147	0	155	0	115	0	105	0	125	1
April	115	0	113	0	122	1	116	0	90	0
May	120	0	94	0	93	0	91	0	114	1
June	140	0	128	1	121	0	133	0	125	0
July	140	0	128	0	110	0	139	1	112	0
August	127	0	112	2	124	1	122	0	106	1
September	140	1	111	0	110	0	117	0	163	0
October	164	0	139	1	146	0	126	0	208	0
November	223	0	211	0	160	0	184	0	203	0
December	233	2	183	1	156	0	186	0	228	0
Total	1,960	3	1,838	5	1,772	2	1,704	4	1,820	4

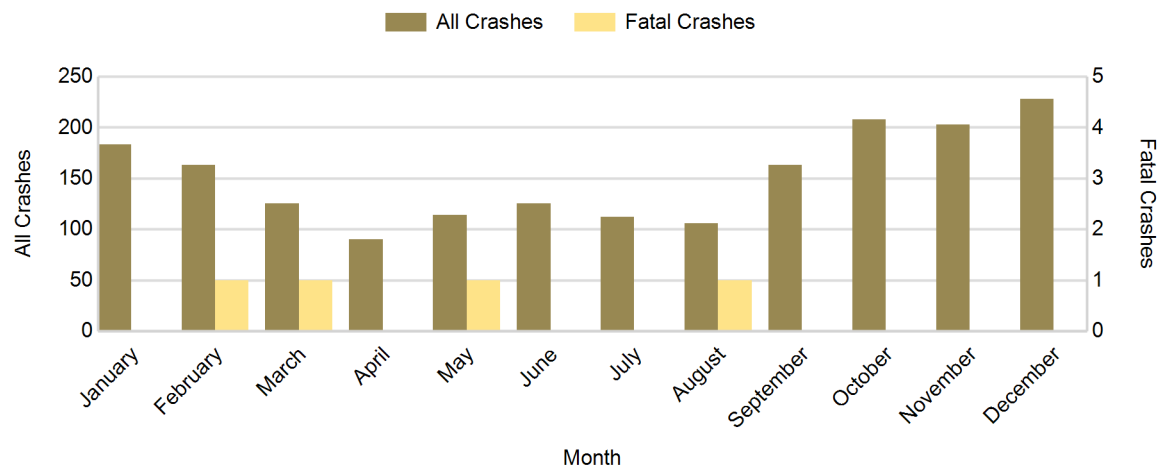
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	303	1	245	0	241	0	263	1	254	0
Tuesday	289	2	262	0	237	0	228	0	288	2
Wednesday	296	0	276	0	277	0	261	1	287	0
Thursday	320	0	276	1	313	1	254	0	268	2
Friday	325	0	334	1	293	0	245	0	316	0
Saturday	254	0	241	3	238	0	249	0	237	0
Sunday	173	0	204	0	173	1	204	2	170	0
Total	1,960	3	1,838	5	1,772	2	1,704	4	1,820	4

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

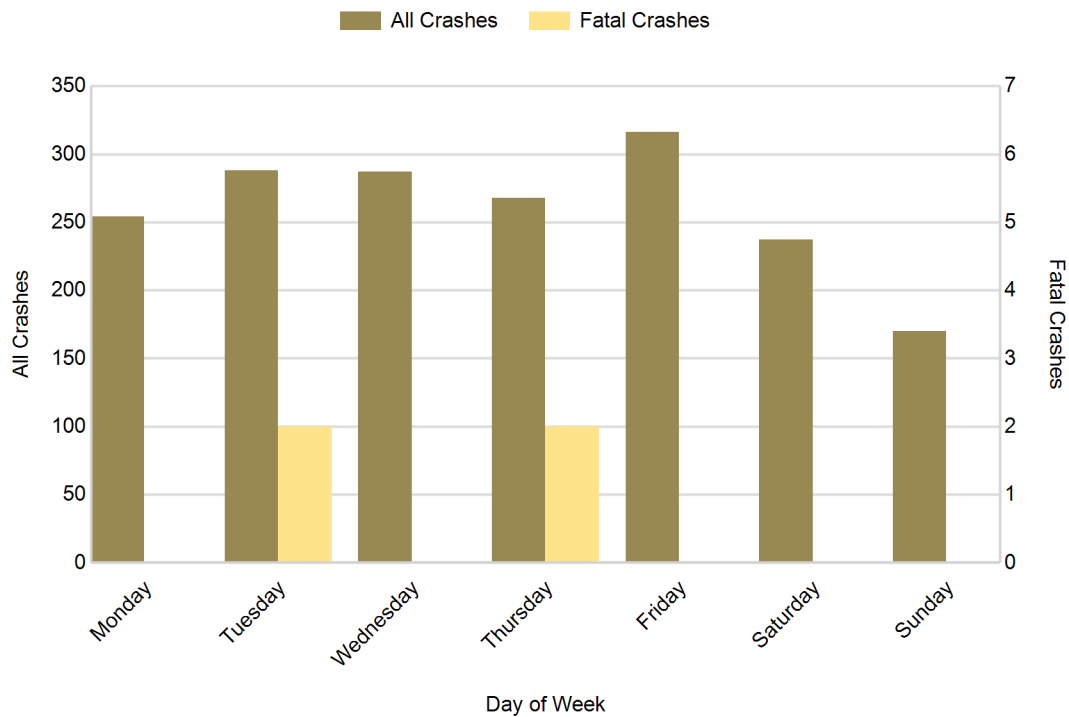
2017 Crashes by Month



2017 - 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	254	14.0	0	0.0	5	5	17	227
Tuesday	288	15.8	2	50.0	3	16	21	246
Wednesday	287	15.8	0	0.0	3	13	24	247
Thursday	268	14.7	2	50.0	3	11	31	221
Friday	316	17.4	0	0.0	4	6	40	266
Saturday	237	13.0	0	0.0	3	18	24	192
Sunday	170	9.3	0	0.0	2	7	14	147
Total	1,820	100.0	4	100.0	23	76	171	1,546

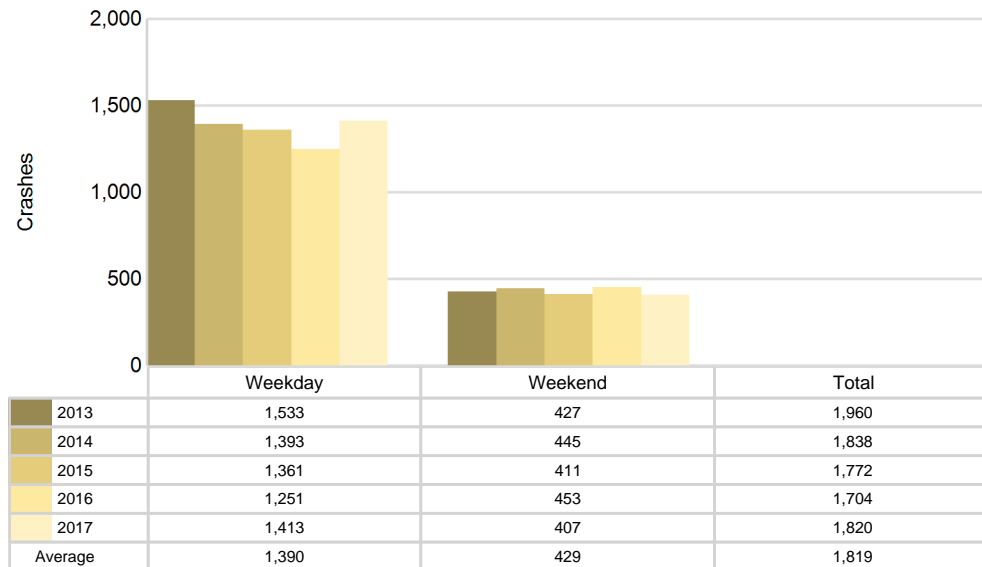
2017 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	1,533	3	1,393	2	1,361	1	1,251	2	1,413	4
Weekend	427	0	445	3	411	1	453	2	407	0
Total	1,960	3	1,838	5	1,772	2	1,704	4	1,820	4

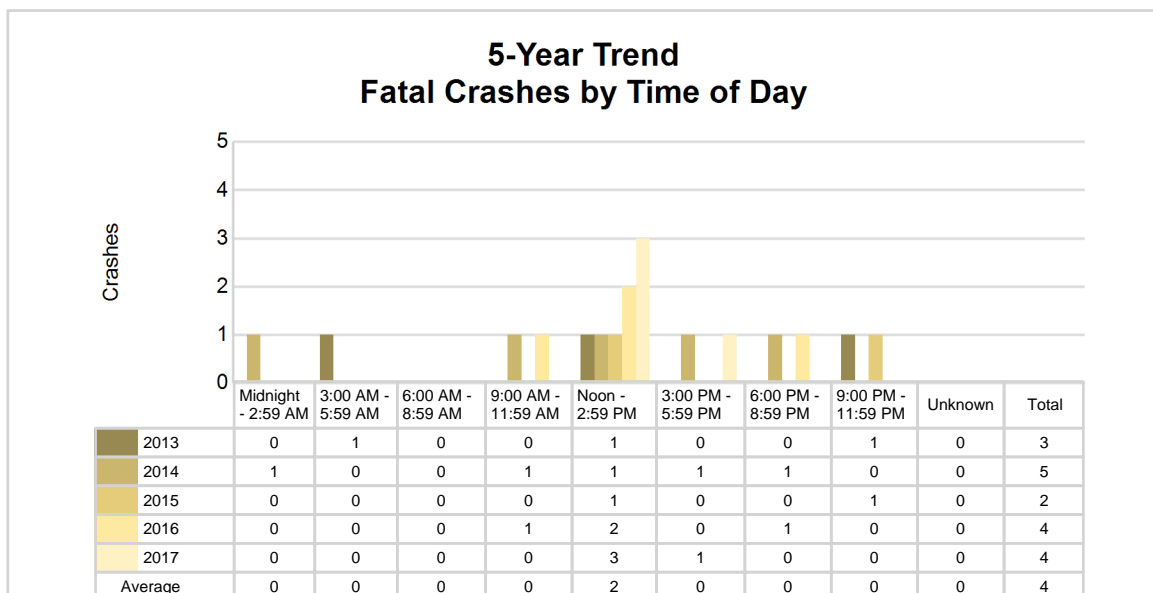
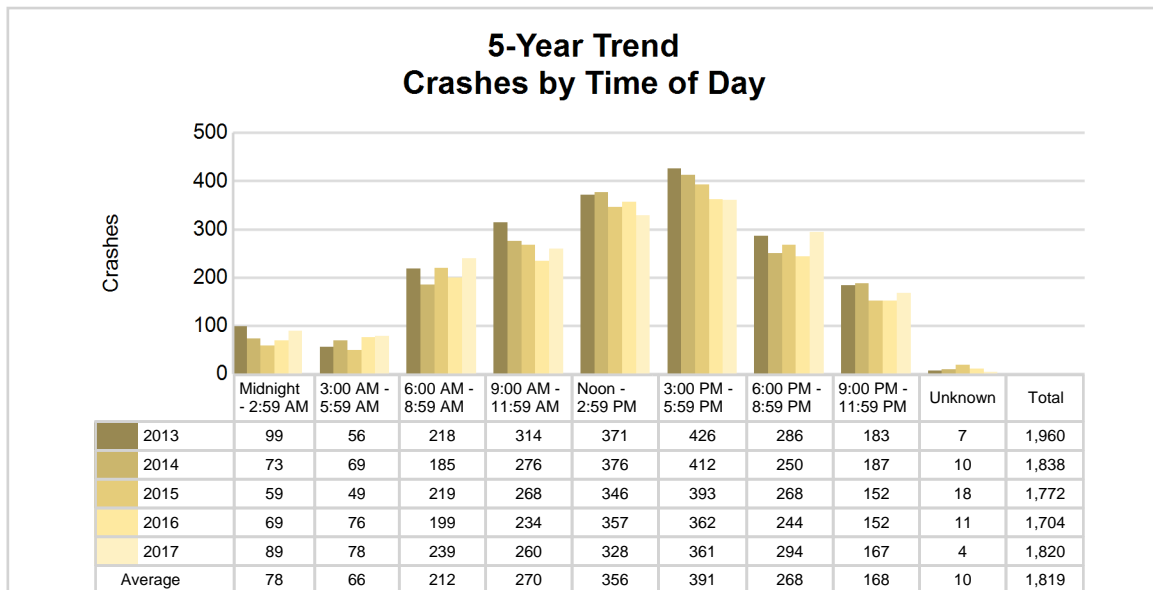
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

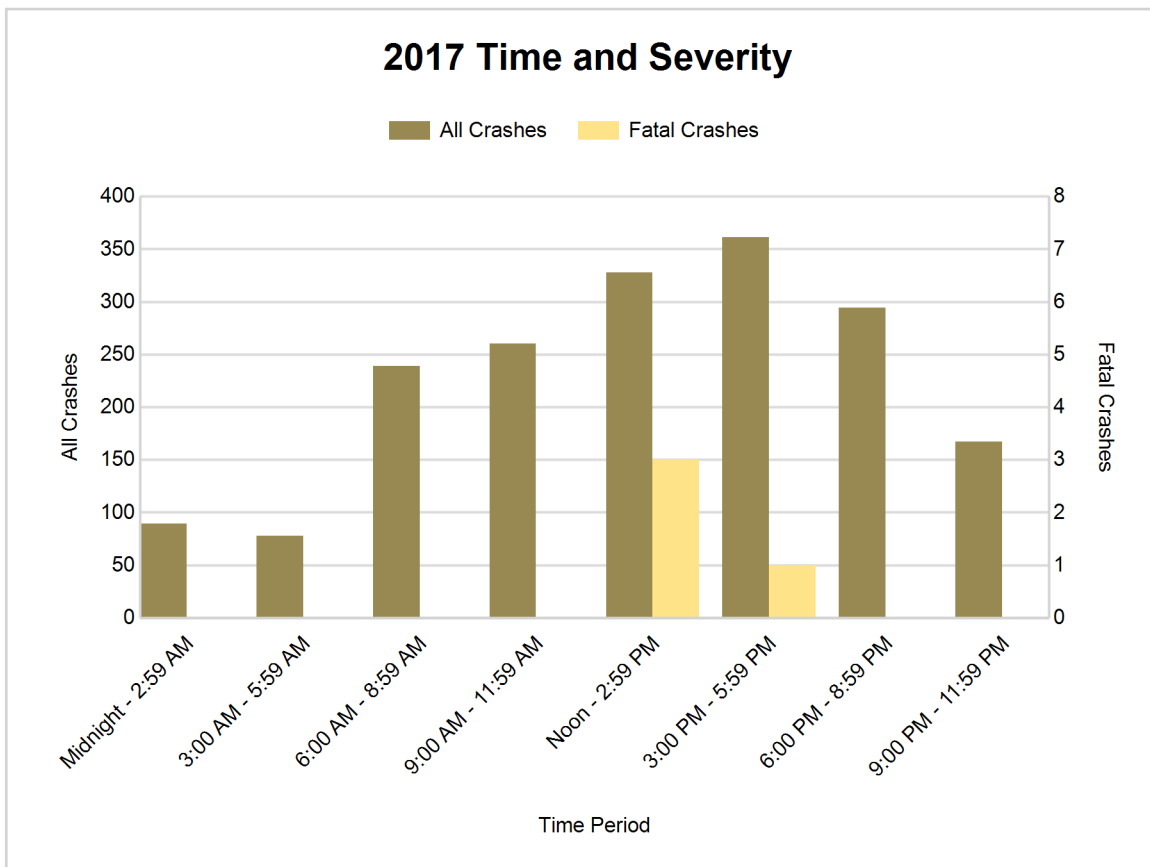
Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	99	0	73	1	59	0	69	0	89	0
3:00 AM - 5:59 AM	56	1	69	0	49	0	76	0	78	0
6:00 AM - 8:59 AM	218	0	185	0	219	0	199	0	239	0
9:00 AM - 11:59 AM	314	0	276	1	268	0	234	1	260	0
Noon - 2:59 PM	371	1	376	1	346	1	357	2	328	3
3:00 PM - 5:59 PM	426 †	0	412 †	1	393 †	0	362 †	0	361 †	1
6:00 PM - 8:59 PM	286	0	250	1	268	0	244	1	294	0
9:00 PM - 11:59 PM	183	1	187	0	152	1	152	0	167	0
Unknown	7	0	10	0	18	0	11	0	4	0
Total	1,960	3	1,838	5	1,772	2	1,704	4	1,820	4

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



2017 - Time and Severity

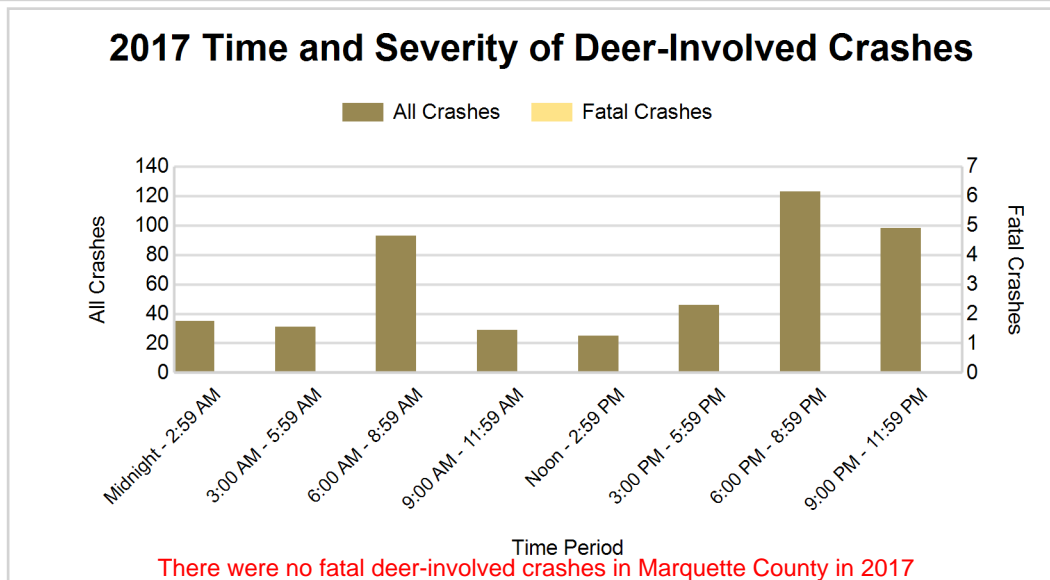
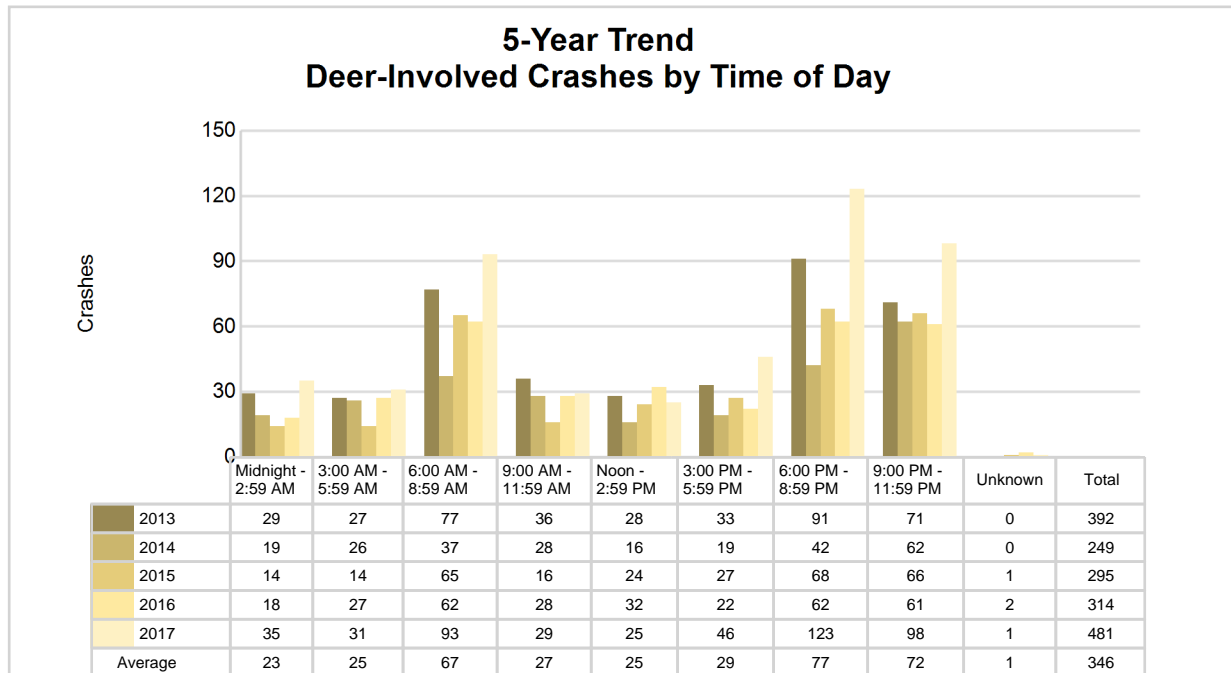
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	89	4.9	0	0.0	2	6	5	76
3:00 AM - 5:59 AM	78	4.3	0	0.0	3	1	4	70
6:00 AM - 8:59 AM	239	13.1	0	0.0	3	8	19	209
9:00 AM - 11:59 AM	260	14.3	0	0.0	6	7	29	218
Noon - 2:59 PM	328	18.0	3	75.0	1	19	51	254
3:00 PM - 5:59 PM	361	19.8	1	25.0	4	20	34	302
6:00 PM - 8:59 PM	294	16.2	0	0.0	3	10	21	260
9:00 PM - 11:59 PM	167	9.2	0	0.0	1	5	8	153
Unknown	4	0.2	0	0.0	0	0	0	4
Total	1,820	100.0	4	100.0	23	76	171	1,546



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

Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	29	0	19	0	14	0	18	0	35	0
3:00 AM - 5:59 AM	27	0	26	0	14	0	27	0	31	0
6:00 AM - 8:59 AM	77	0	37	0	65	0	62	0	93	0
9:00 AM - 11:59 AM	36	0	28	0	16	0	28	0	29	0
Noon - 2:59 PM	28	0	16	0	24	0	32	0	25	0
3:00 PM - 5:59 PM	33	0	19	0	27	0	22	0	46	0
6:00 PM - 8:59 PM	91	0	42	0	68	0	62	0	123	0
9:00 PM - 11:59 PM	71	0	62	0	66	0	61	0	98	0
Unknown	0	0	0	0	1	0	2	0	1	0
Total	392	0	249	0	295	0	314	0	481	0

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



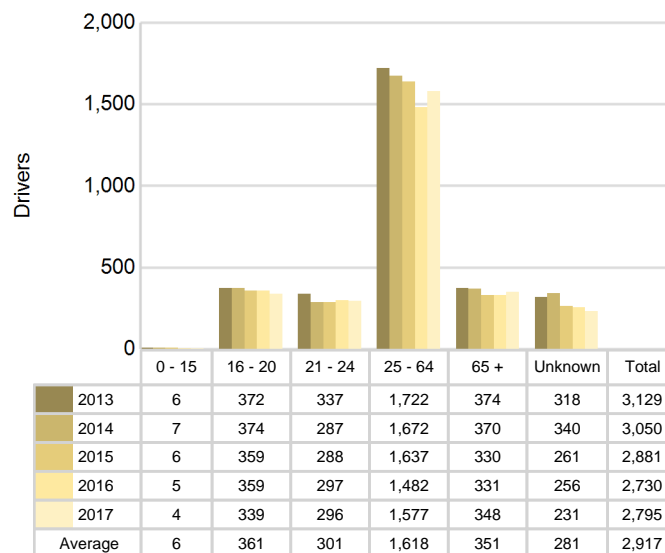
2017 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Champion Twp.	14	0	3	11	0	12	0	2	0	0	7	0	5
Chocolay Twp.	143	0	23	120	0	68	31	44	7	1	60	0	39
Ely Twp.	49	0	9	40	0	21	0	27	7	0	23	0	11
Ewing Twp.	1	0	0	1	0	0	0	1	0	0	0	0	0
Forsyth Twp.	108	0	14	94	0	0	67	41	6	3	43	0	17
Humboldt Twp.	47	0	5	42	0	22	19	6	2	0	20	0	6
Ishpeming	127	1	14	112	0	44	24	58	3	0	14	1	18
Ishpeming Twp.	53	0	9	44	0	23	0	30	6	2	12	0	9
Marquette	598	0	94	504	0	125	45	428	22	5	49	0	121
Marquette Twp.	192	2	30	160	0	91	0	98	5	3	47	2	48
Michigamme Twp.	12	0	0	12	0	11	0	1	0	0	6	0	0
Negaunee	117	0	19	98	0	42	17	57	1	1	27	0	23
Negaunee Twp.	115	0	19	96	0	65	12	38	5	1	43	0	27
Powell Twp.	19	0	4	15	0	0	0	19	1	0	11	0	5
Republic Twp.	31	1	1	29	0	0	25	6	3	0	23	1	2
Richmond Twp.	25	0	5	20	0	0	25	0	2	0	13	0	6
Sands Twp.	78	0	16	62	0	0	48	30	1	1	30	0	22
Skandia Twp.	21	0	0	21	0	9	7	5	0	0	15	0	0
Tilden Twp.	25	0	1	24	0	0	0	24	5	0	9	0	1
Turin Twp.	11	0	1	10	0	0	10	1	2	0	8	0	1
Wells Twp.	20	0	2	18	0	0	0	20	3	0	13	0	3
West Branch Twp.	14	0	1	13	0	6	4	4	1	0	8	0	1
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,820	4	270	1,546	0	539	334	940	82	17	481	4	365

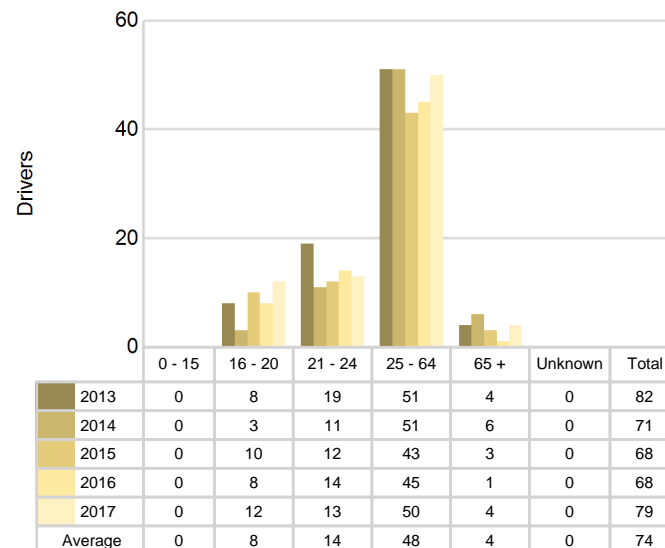
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2013		2014		2015		2016		2017	
	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	6	0	7	0	6	0	5	0	4	0
16 - 20	372	8	374	3	359	10	359	8	339	12
21 - 24	337	19	287	11	288	12	297	14	296	13
25 - 64	1,722	51	1,672	51	1,637	43	1,482	45	1,577	50
65 +	374	4	370	6	330	3	331	1	348	4
Unknown	318	0	340	0	261	0	256	0	231	0
Total	3,129	82	3,050	71	2,881	68	2,730	68	2,795	79

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



2017 - 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	10	8	12	0	2	3	1	6
21 - 24	15	8	8	13	0	0	3	3	7
25 - 64	55	44	34	50	0	4	6	13	27
65 +	5	4	2	4	0	0	1	0	3
Unknown	10	0	0	0	0	0	0	0	0
Total	99	66	52	79	0	6	13	17	43

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 2017, there were 99 drivers in alcohol-involved crashes; 79 (79.8%) of those drivers were coded as had-been-drinking by the officer on the crash form.

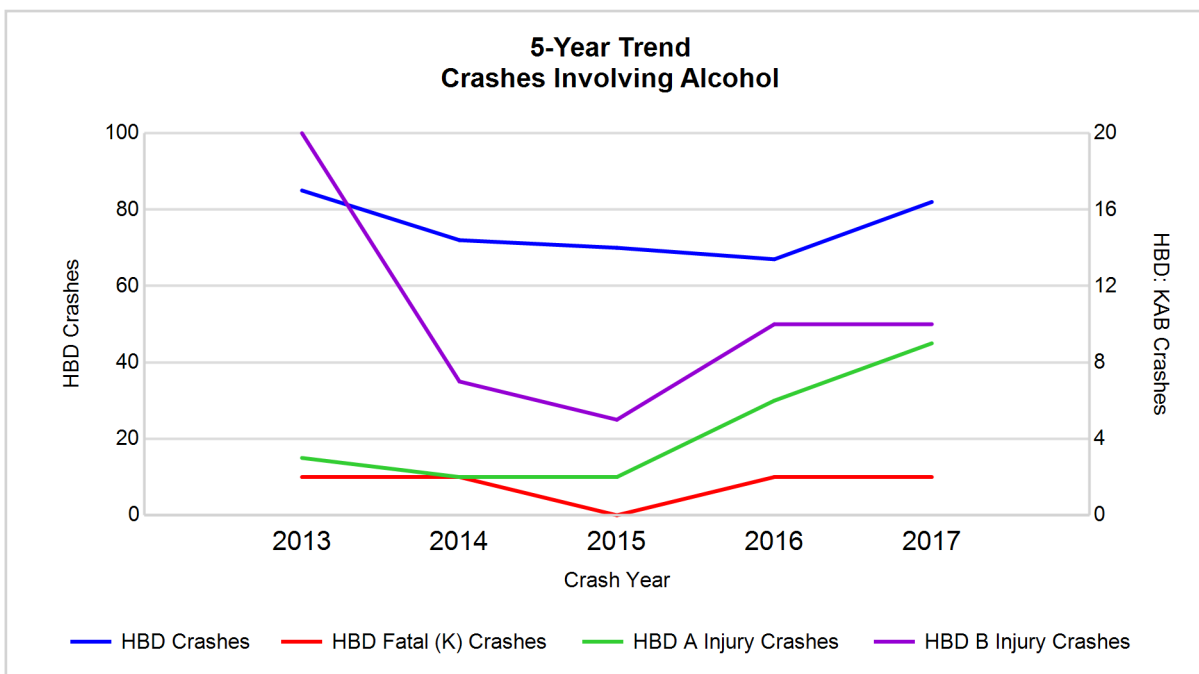
- 30 (38.0%) of the 79 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 17 (56.7%) of the 30 drivers had a BAC at or above 0.17 g/dL.
- 52 (65.8%) of the 79 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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
2013	1,960	85	4.3	3	2	66.7	27	3	11.1	71	20	28.2
2014	1,838	72	3.9	5	2	40.0	17	2	11.8	63	7	11.1
2015	1,772	70	4.0	2	0	0.0	19	2	10.5	70	5	7.1
2016	1,704	67	3.9	4	2	50.0	26	6	23.1	63	10	15.9
2017	1,820	82	4.5**	4	2	50.0	23	9**	39.1**	76**	10	13.2

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



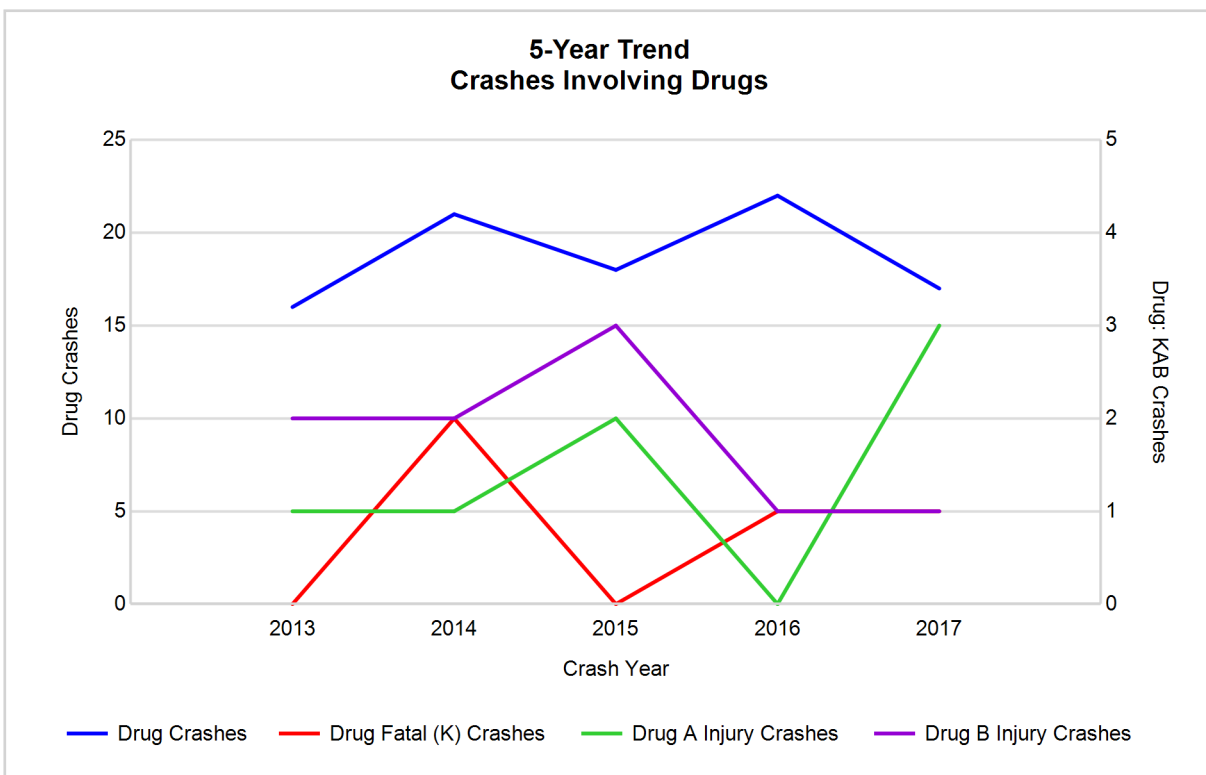
Note: Had-Been-Drinking (HBD)

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
2013	1,960	16	0.8	3	0	0.0	27	1	3.7	71	2	2.8
2014	1,838	21	1.1	5	2	40.0	17	1	5.9	63	2	3.2
2015	1,772	18	1.0	2	0	0.0	19	2	10.5	70	3	4.3
2016	1,704	22	1.3	4	1	25.0	26	0	0.0	63	1	1.6
2017	1,820	17	0.9	4	1	25.0	23	3**	13.0**	76**	1	1.3*

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

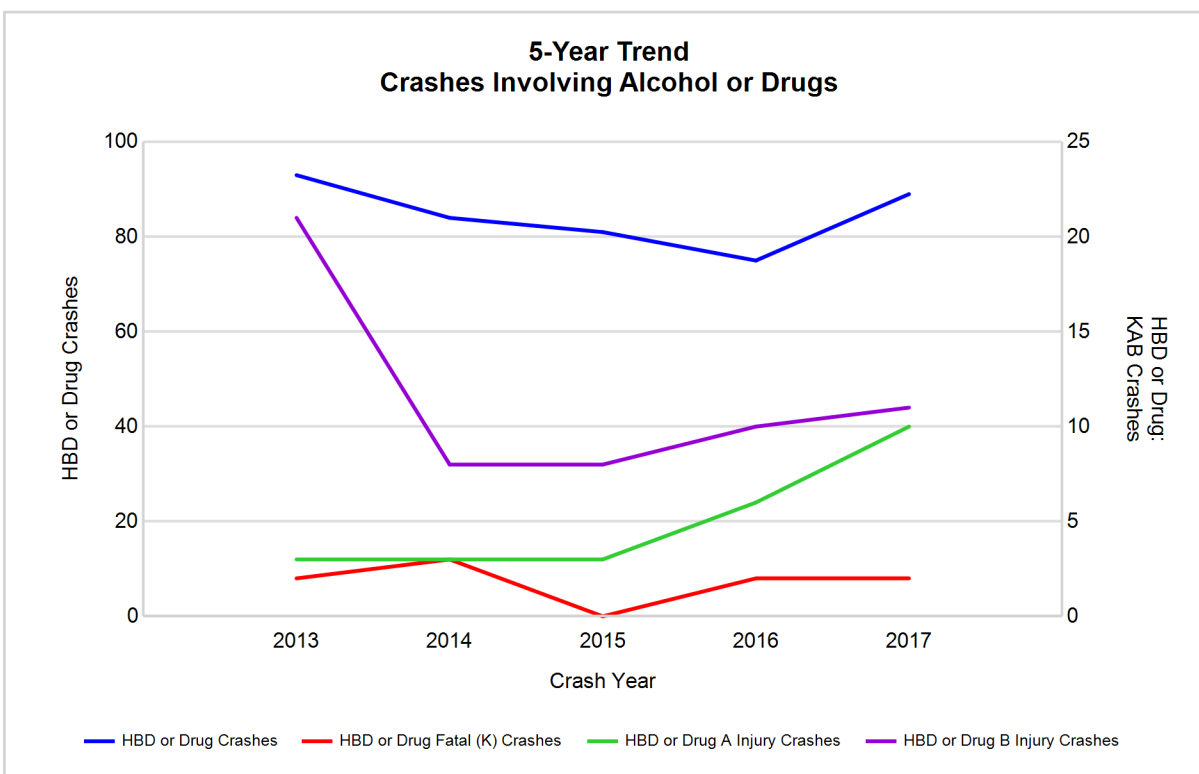


5-Year Trend - Crashes Involving Alcohol or Drugs

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
2013	1,960	93	4.7	3	2	66.7	27	3	11.1	71	21	29.6
2014	1,838	84	4.6	5	3	60.0	17	3	17.6	63	8	12.7
2015	1,772	81	4.6	2	0	0.0	19	3	15.8	70	8	11.4
2016	1,704	75	4.4	4	2	50.0	26	6	23.1	63	10	15.9
2017	1,820	89	4.9**	4	2	50.0	23	10**	43.5**	76**	11	14.5

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



Note: Had-Been-Drinking (HBD)

2017 - 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	2,141	1,934	90.3	3	3	100.0	11	9	81.8	61	55	90.2	190	184	96.8	1,750	1,683	96.2
Motor home	3	3	100.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	2	2	100.0
Pickup truck	533	471	88.4	0	0	0.0	5	4	80.0	16	15	93.8	32	31	96.9	442	421	95.2
Small truck under 10,000 lbs. GVWR	19	18	94.7	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	18	17	94.4
Motorcycle	17	12	70.6	1	1	100.0	3	3	100.0	6	5	83.3	3	2	66.7	2	1	50.0
Moped / goped	4	1	25.0	0	0	0.0	0	0	0.0	1	1	100.0	3	0	0.0	0	0	0.0
Go-cart / golf cart	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Snowmobile	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	15	4	26.7	0	0	0.0	4	2	50.0	2	1	50.0	2	0	0.0	5	1	20.0
Other	10	4	40.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	6	4	66.7
Truck/bus over 10,000 lbs.	71	67	94.4	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	70	67	95.7
Unknown	62	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	2,875	2,514	87.4	4	4	0.0	23	18	78.3	86	77	89.5	232	219	94.4	2,295	2,196	95.7

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.

2017 - 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	17	15	88.2	0	0	0.0	1	1	100.0	7	6	85.7	8	7	87.5	1	1	100.0
16 - 20	351	330	94.0	0	0	0.0	4	2	50.0	16	12	75.0	25	24	96.0	306	292	95.4
21 - 24	304	286	94.1	0	0	0.0	4	4	100.0	10	9	90.0	29	24	82.8	261	249	95.4
25 - 64	1,609	1,531	95.2	3	3	100.0	12	9	75.0	40	37	92.5	127	122	96.1	1,425	1,360	95.4
65 +	362	351	97.0	1	1	100.0	2	2	100.0	13	13	100.0	42	41	97.6	302	294	97.4
Unknown	232	1	0.4	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0
Total	2,875	2,514	87.4	4	4	0.0	23	18	78.3	86	77	89.5	232	219	94.4	2,295	2,196	95.7

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	2013			2014			2015			2016			2017		
	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	39	0	4	18	0	4	21	0	1	7	0	0	3	0	3
Shoulder belt only used	2	0	0	2	0	1	2	0	2	20	0	3	13	0	0
Lap belt only used	14	0	0	9	0	1	5	0	0	4	0	2	3	0	0
Both lap & shoulder belts used	2,615	0	236	2,552	2	257	2,498	1	246	2,310	1	224	2,412	2	231
No belts used	19	1	9	20	0	2	15	1	6	14	1	3	14	0	8
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	2	0	0	2	0	0	1	0	0	2	0	0	0	0	0
Restraint use unknown	75	0	3	76	0	6	50	0	6	234	0	10	329	0	5
Helmet worn	31	1	17	24	0	15	18	0	14	14	1	9	12	1	10
Helmet not worn	7	0	6	7	1	6	4	0	4	10	0	8	6	0	5
Helmet use unknown	4	0	3	1	0	0	2	0	1	3	0	2	1	0	0
Uncoded & errors	321	0	0	339	0	1	265	0	0	112	0	0	2	0	0
Total	3,129	2	278	3,050	3	293	2,881	2	280	2,730	3	261	2,795	3	262

5-Year Trend - Restraint Use Among Drivers Coded Drinking

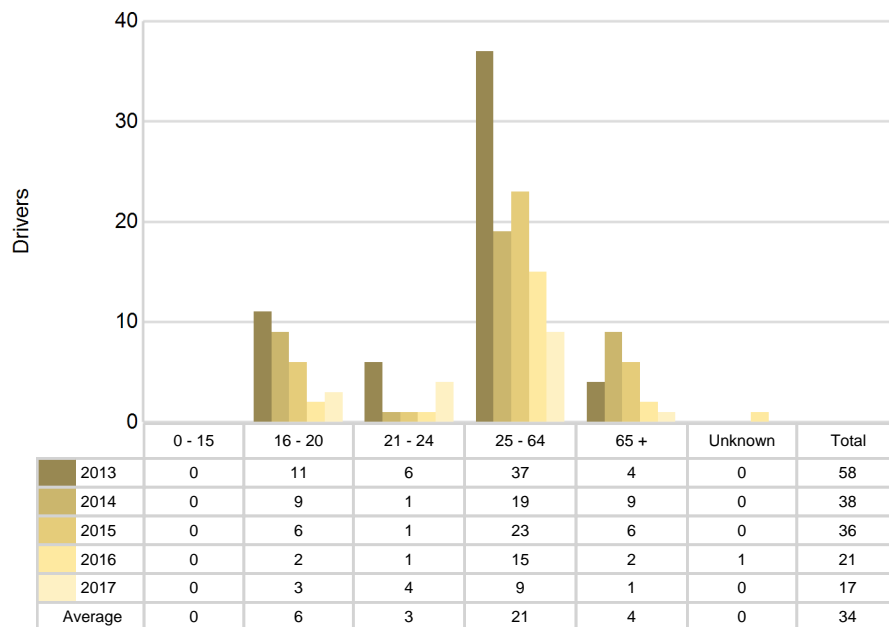
Restraint Use	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Shoulder belt only used	1	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	62	0	14	49	0	11	54	0	10	43	1	15	56	1	15
No belts used	4	0	3	4	0	1	0	0	0	6	1	2	4	0	3
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	10	0	1	15	0	2	12	0	1	15	0	6	18	0	3
Helmet worn	2	1	0	1	0	0	1	0	1	2	0	2	1	1	0
Helmet not worn	3	0	3	2	0	2	0	0	0	0	0	0	0	0	0
Helmet use unknown	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Uncoded & errors	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Total	82	1	21	71	0	16	68	0	12	68	2	26	79	2	21

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

Age Group	2013			2014			2015			2016			2017		
	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	11	0	3	9	0	1	6	0	2	2	0	0	3	0	2
21 - 24	6	0	1	1	0	1	1	0	0	1	0	0	4	0	4
25 - 64	37	1	7	19	0	2	23	0	4	15	0	3	9	0	5
65 +	4	0	2	9	0	2	6	1	1	2	1	0	1	0	0
Unknown	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Total	58	1	13	38	0	6	36	1	7	21	1	3	17	0	11

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

5-Year Trend Driver Seatbelt Not Used

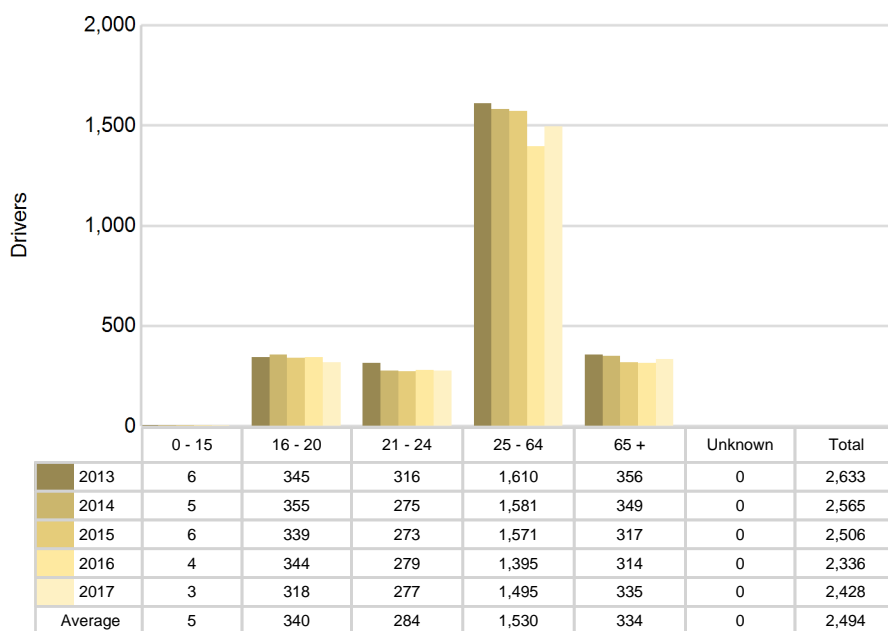


5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2013			2014			2015			2016			2017		
	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	0	5	0	0	6	0	3	4	0	1	3	0	2
16 - 20	345	0	29	355	1	25	339	0	28	344	0	27	318	0	27
21 - 24	316	0	24	275	0	31	273	0	24	279	0	31	277	0	28
25 - 64	1,610	0	147	1,581	1	168	1,571	1	163	1,395	1	140	1,495	1	134
65 +	356	0	36	349	0	35	317	0	30	314	0	30	335	1	40
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2,633	0	236	2,565	2	259	2,506	1	248	2,336	1	229	2,428	2	231

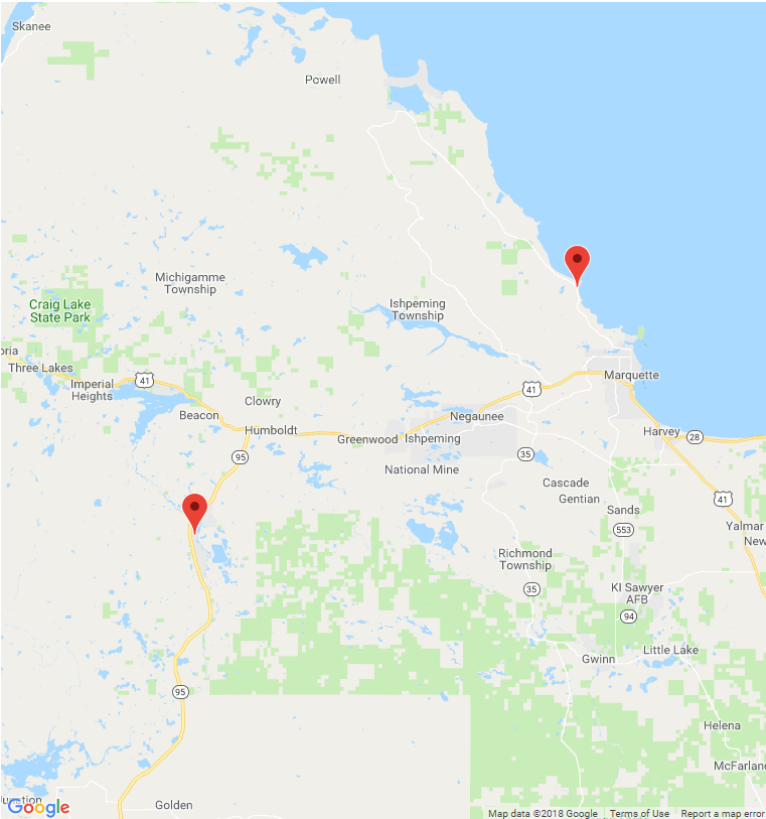
Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.

5-Year Trend Driver Seatbelt Used



5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2013		2014		2015		2016		2017	
	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	1,696	0	1,613	4	1,535	2	1,419	3	1,508	2
Speed too fast	311	1	307	1	283	0	258	1	247	1
Speed too slow	1	0	3	0	2	0	1	0	2	0
Failed to yield	279	0	290	3	282	1	251	1	250	2
Disregard traffic control	48	0	44	0	53	0	35	1	32	1
Drove wrong way	3	0	2	0	6	0	1	0	1	0
Drove left of center	19	0	19	0	20	0	17	0	16	0
Improper passing	7	0	10	0	10	0	8	0	8	0
Improper lane use	35	0	35	0	26	0	30	0	30	0
Improper turn	21	0	29	0	29	0	16	0	27	0
Improper/no signal	2	0	6	0	8	0	5	0	4	0
Improper backing	124	0	128	0	93	0	112	0	78	0
Unable to stop in assured clear distance	306	0	260	0	276	0	276	0	247	0
Other	94	1	119	0	85	0	100	0	106	0
Unknown	34	1	55	0	56	0	94	0	115	0
Reckless driving	16	0	10	0	10	0	12	0	10	0
Careless/negligent driving	133	0	120	0	106	1	95	0	114	0
Uncoded & errors	0	0	0	0	1	0	0	0	0	0
Total	3,129	3	3,050	8	2,881	4	2,730	6	2,795	6



The picture above represents all 2017 alcohol-involved fatal crashes in Marquette County.

In 2017, there were 82 alcohol-involved crashes in Marquette County:

- | | |
|----|--|
| 2 | K - Fatal Crashes |
| 9 | A - Suspected Serious Injury Crashes |
| 10 | B - Suspected Minor Injury Crashes |
| 9 | C - Possible Injury Crashes |
| 52 | O - Property Damage Only/No Injury Crashes |

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