



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)



Missaukee County

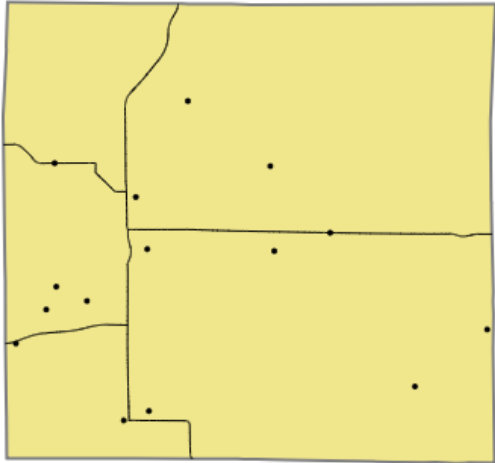
2017 Traffic Crash Data & 2013-2017 5-Year Trends



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 (0/0)
- A - Suspected Serious (15/15)

Missaukee County

In 2017:

There were 734 drivers involved in 633 motor vehicle crashes in Missaukee County. Of those crashes, 0 were classified as fatal, resulting in 0 fatalities. An additional 84 persons were injured.

Missaukee County experienced the highest number of motor vehicle crashes (88) in November. Missaukee County did not experience a fatal crash in 2017.

Missaukee County driver statistics indicate 6.2 percent of licensed drivers were age 16-20, and 8.6 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	56	0	5	51	0	7
February	43	0	5	38	0	5
March	40	0	7	33	0	12
April	46	0	4	42	0	4
May	38	0	6	32	0	13
June	37	0	6	31	0	8
July	36	0	4	32	0	6
August	42	0	5	37	0	7
September	70	0	6	64	0	7
October	69	0	1	68	0	1
November	88	0	5	83	0	6
December	68	0	7	61	0	8
Total	633	0	61	572	0	84

2017 - Driver Statistics

Age Group	Missaukee County			Driver Rates	
	2017 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	3,073	79	4	13.0	506.3
16 - 20	827	698	63	761.8	902.6
21 - 24	686	633	68	991.3	1,074.2
25 - 64	7,378	6,993	486	658.7	695.0
65 +	3,034	2,914	102	336.2	350.0
Unknown	0	0	11	- -	- -
Total	14,998	11,317	734	489.4	648.6

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	515	70.2	0	0.0	63	452
Motor home	5	0.7	0	0.0	1	4
Pickup truck	174	23.7	0	0.0	8	166
Small truck under 10,000 lbs. GVWR	7	1.0	0	0.0	1	6
Motorcycle	3	0.4	0	0.0	2	1
Moped / goped	0	0.0	0	0.0	0	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	6	0.8	0	0.0	5	1
Other	5	0.7	0	0.0	1	4
Truck/bus over 10,000 lbs.	14	1.9	0	0.0	4	10
Unknown	5	0.7	0	0.0	0	5
Total	734	100.0	0	0.0	85	649

Missaukee County (continued)

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	59	0	42	0	46	0	50	0	56	0
February	33	0	47	1	43	1	45	0	43	0
March	59	0	61	0	36	0	42	2	40	0
April	42	0	47	0	38	0	35	1	46	0
May	32	0	34	0	30	1	34	0	38	0
June	55	0	49	0	50	0	52	1	37	0
July	31	0	45	0	44	0	28	0	36	0
August	48	0	37	0	54	0	38	0	42	0
September	53	0	36	0	30	0	46	1	70	0
October	68	0	54	0	73	0	66	0	69	0
November	90 †	2	77 †	0	102 †	1	81 †	0	88 †	0
December	63	1	43	0	43	1	75	0	68	0
Total	633	3	572	1	589	4	592	5	633	0

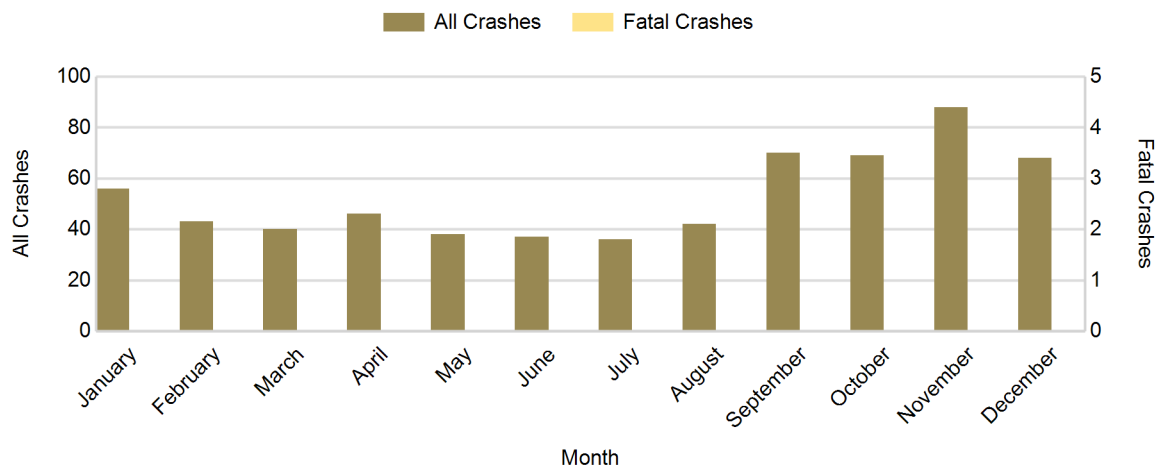
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

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	87	0	70	0	68	0	91	1	88	0
Tuesday	94	1	74	0	85	2	91	2	82	0
Wednesday	92	0	108	0	90	2	79	0	99	0
Thursday	96	0	82	0	98	0	77	1	100	0
Friday	122	2	94	0	96	0	99	0	95	0
Saturday	86	0	71	0	81	0	90	0	90	0
Sunday	56	0	73	1	71	0	65	1	79	0
Total	633	3	572	1	589	4	592	5	633	0

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

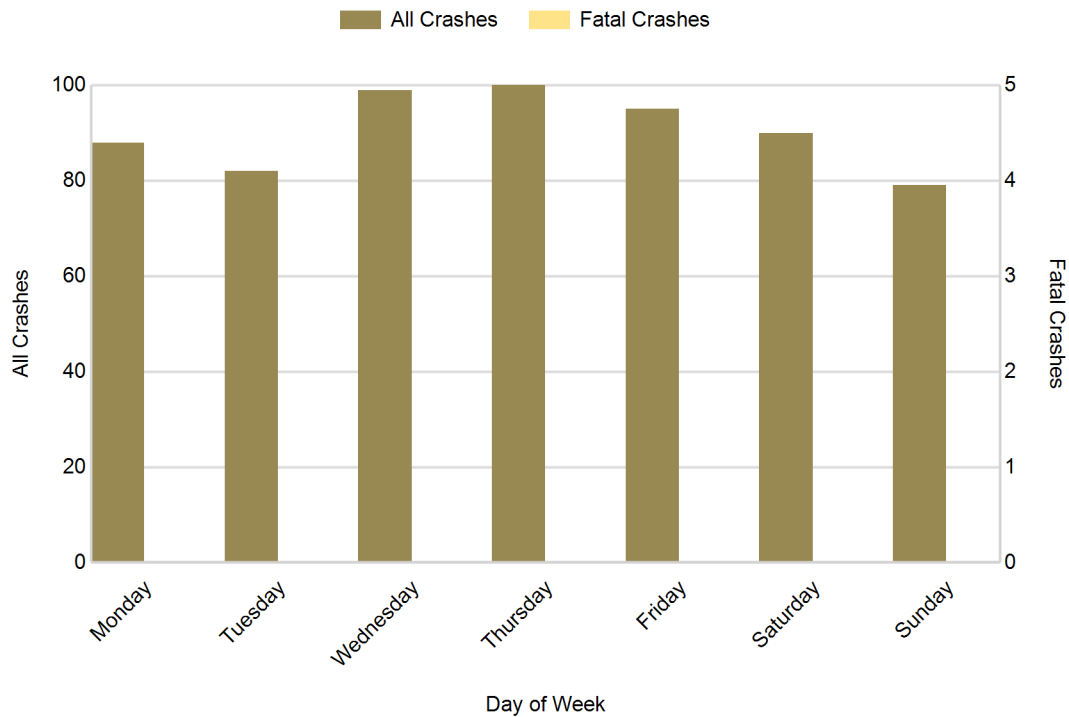


There were no fatal crashes in Missaukee County in 2017

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	88	13.9	0	0.0	2	0	4	82
Tuesday	82	13.0	0	0.0	0	5	3	74
Wednesday	99	15.6	0	0.0	1	2	6	90
Thursday	100	15.8	0	0.0	2	1	4	93
Friday	95	15.0	0	0.0	4	2	5	84
Saturday	90	14.2	0	0.0	4	2	2	82
Sunday	79	12.5	0	0.0	2	3	7	67
Total	633	100.0	0	0.0	15	15	31	572

2017 Day of Week and Severity

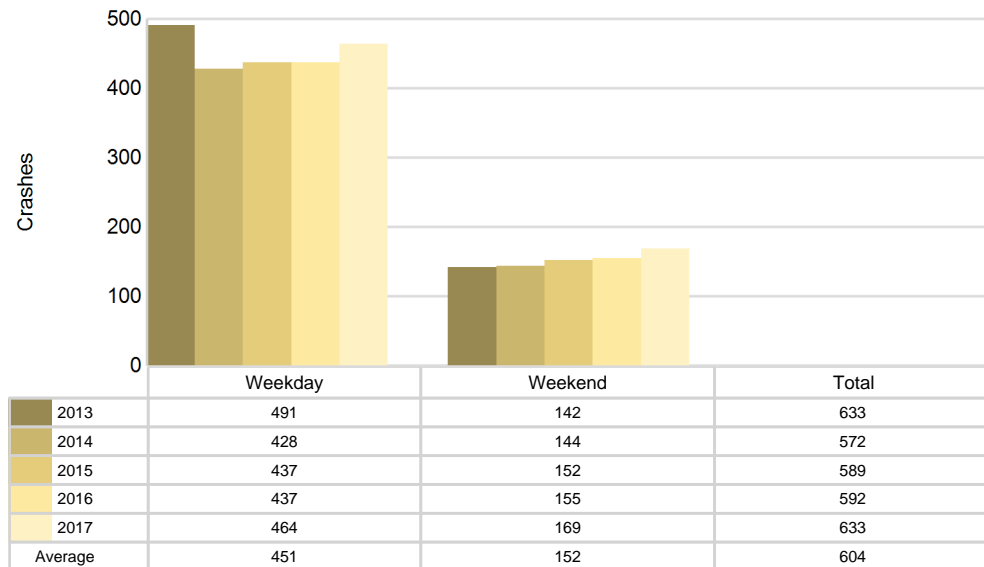


There were no fatal crashes in Missaukee County in 2017

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	491	3	428	0	437	4	437	4	464	0
Weekend	142	0	144	1	152	0	155	1	169	0
Total	633	3	572	1	589	4	592	5	633	0

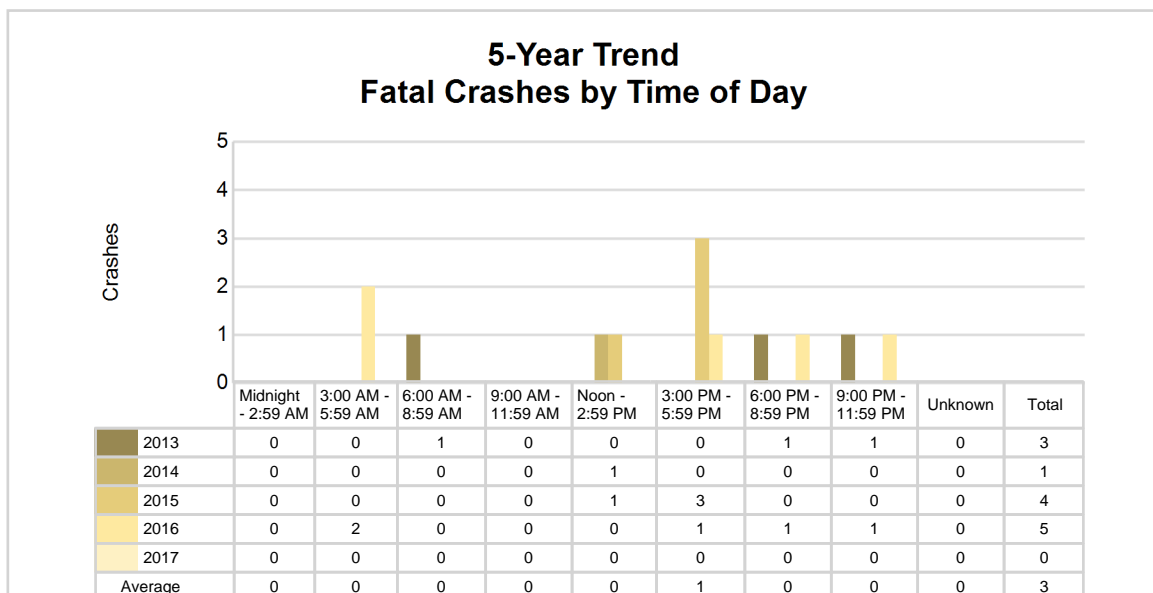
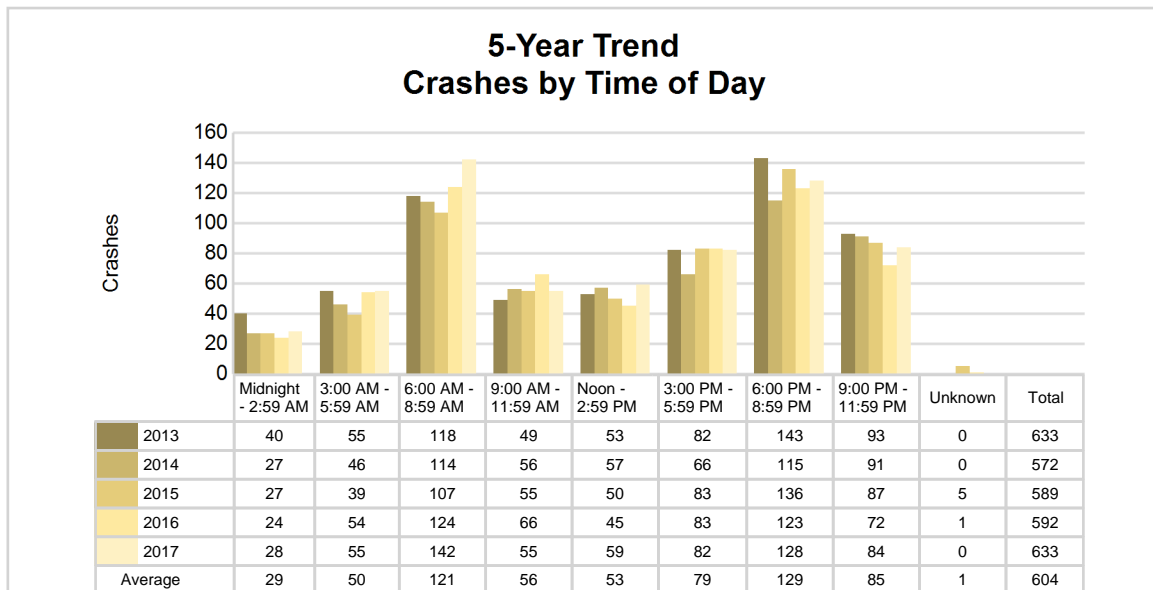
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

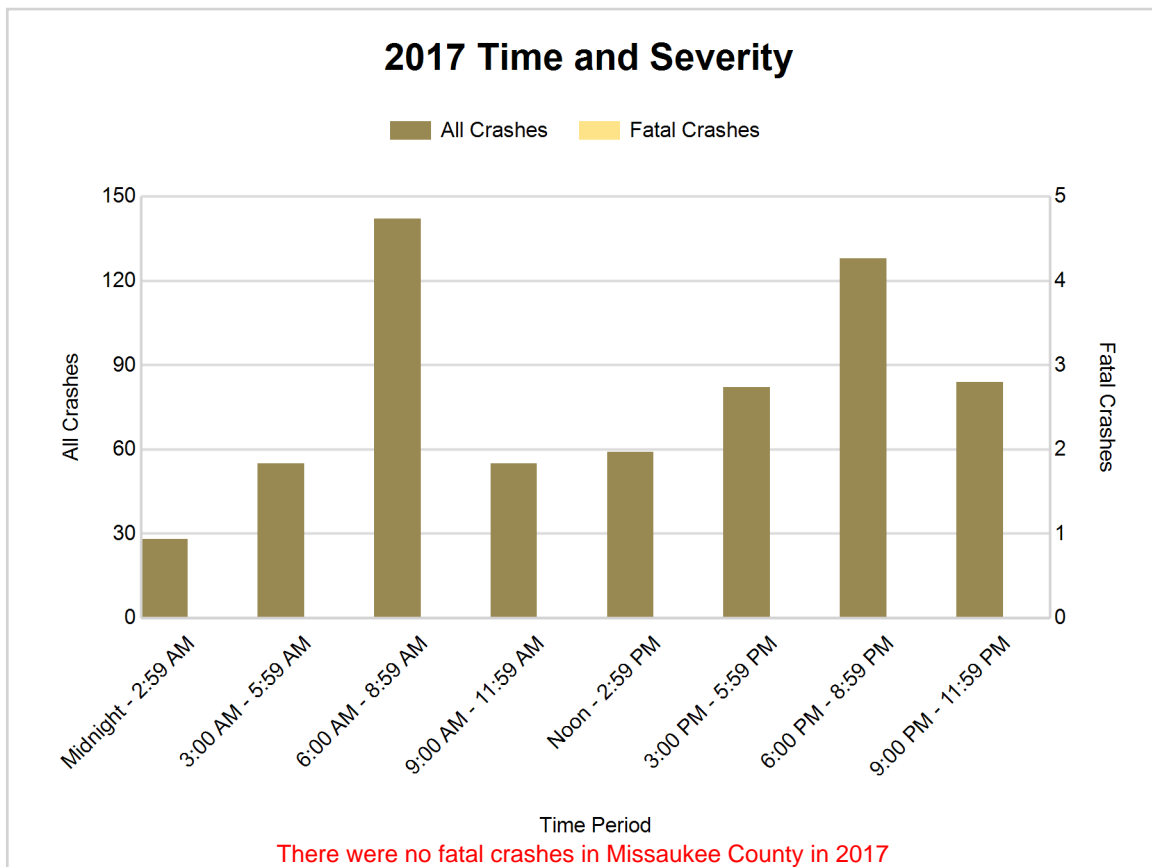
Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	40	0	27	0	27	0	24	0	28	0
3:00 AM - 5:59 AM	55	0	46	0	39	0	54	2	55	0
6:00 AM - 8:59 AM	118	1	114	0	107	0	124	0	142	0
9:00 AM - 11:59 AM	49	0	56	0	55	0	66	0	55	0
Noon - 2:59 PM	53	0	57	1	50	1	45	0	59	0
3:00 PM - 5:59 PM	82	0	66	0	83	3	83	1	82	0
6:00 PM - 8:59 PM	143	1	115	0	136	0	123	1	128	0
9:00 PM - 11:59 PM	93	1	91	0	87	0	72	1	84	0
Unknown	0	0	0	0	5	0	1	0	0	0
Total	633	3	572	1	589	4	592	5	633	0

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

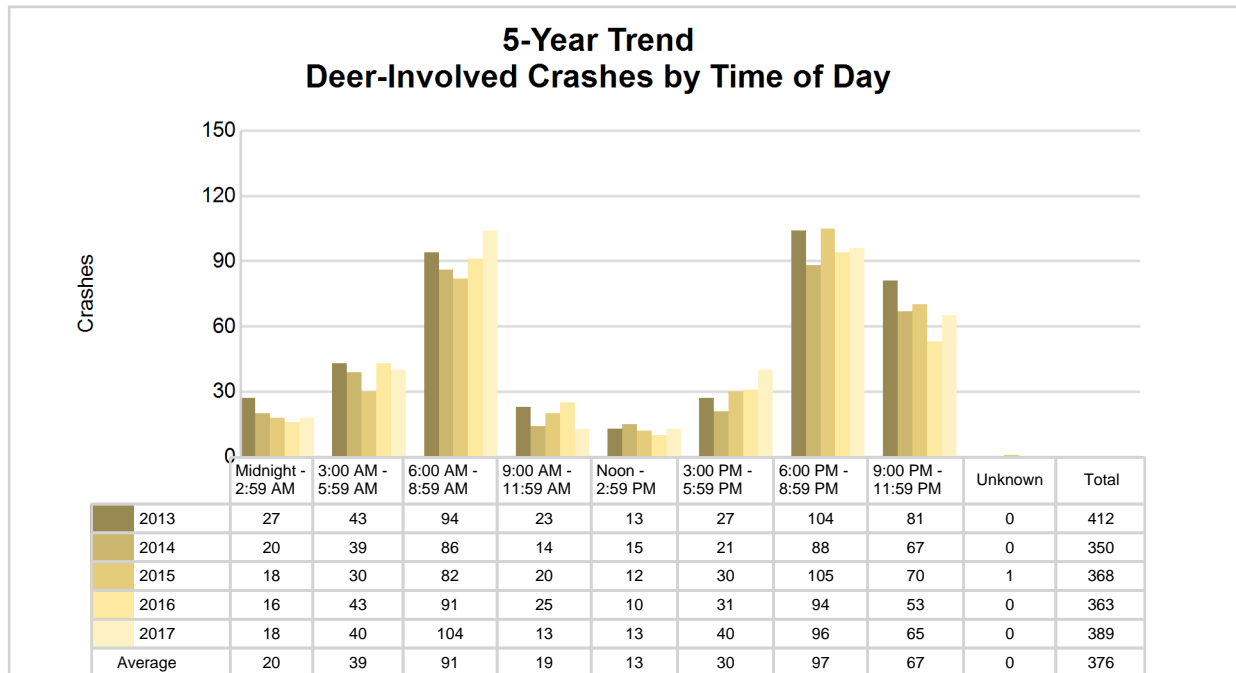
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	28	4.4	0	0.0	1	0	3	24
3:00 AM - 5:59 AM	55	8.7	0	0.0	1	1	2	51
6:00 AM - 8:59 AM	142	22.4	0	0.0	2	3	3	134
9:00 AM - 11:59 AM	55	8.7	0	0.0	1	1	7	46
Noon - 2:59 PM	59	9.3	0	0.0	2	3	5	49
3:00 PM - 5:59 PM	82	13.0	0	0.0	3	3	5	71
6:00 PM - 8:59 PM	128	20.2	0	0.0	4	2	2	120
9:00 PM - 11:59 PM	84	13.3	0	0.0	1	2	4	77
Unknown	0	0.0	0	0.0	0	0	0	0
Total	633	100.0	0	0.0	15	15	31	572



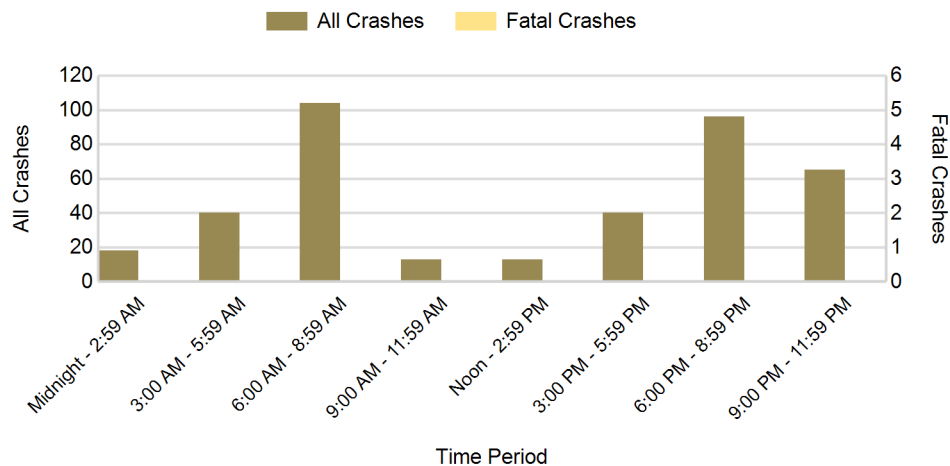
5-Year Trend - Deer-Involved Crashes by Time of Day

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	27	0	20	0	18	0	16	0	18	0
3:00 AM - 5:59 AM	43	0	39	0	30	0	43	0	40	0
6:00 AM - 8:59 AM	94	0	86	0	82	0	91	0	104	0
9:00 AM - 11:59 AM	23	0	14	0	20	0	25	0	13	0
Noon - 2:59 PM	13	0	15	0	12	0	10	0	13	0
3:00 PM - 5:59 PM	27	0	21	0	30	0	31	0	40	0
6:00 PM - 8:59 PM	104	0	88	0	105	0	94	0	96	0
9:00 PM - 11:59 PM	81	0	67	0	70	0	53	0	65	0
Unknown	0	0	0	0	1	0	0	0	0	0
Total	412	0	350	0	368	0	363	0	389	0

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 of Deer-Involved Crashes



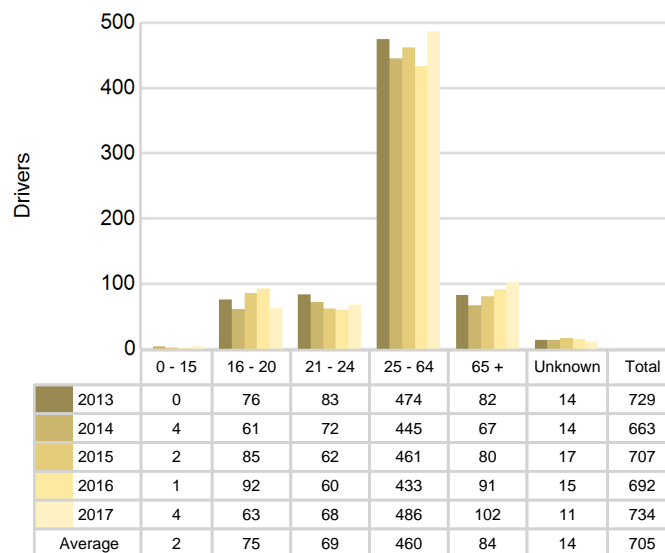
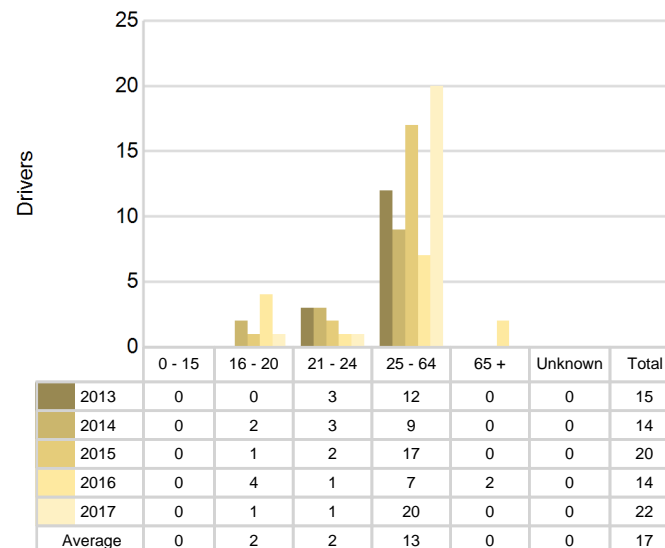
There were no fatal deer-involved crashes in Missaukee County in 2017

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
Aetna Twp.	21	0	2	19	0	0	0	21	1	1	14	0	2
Bloomfield Twp.	8	0	0	8	0	0	0	8	0	0	6	0	0
Butterfield Twp.	16	0	4	12	0	0	3	13	3	1	7	0	4
Caldwell Twp.	35	0	4	31	0	0	22	13	1	0	21	0	5
Clam Union Twp.	12	0	0	12	0	0	0	12	0	0	11	0	0
Enterprise Twp.	25	0	1	24	0	0	16	9	0	0	19	0	2
Forest Twp.	41	0	8	33	0	0	23	18	2	1	21	0	10
Holland Twp.	14	0	1	13	0	0	0	14	0	0	11	0	1
Lake City	34	0	3	31	0	0	28	6	0	0	3	0	4
Lake Twp.	120	0	12	108	0	0	39	81	4	1	64	0	19
McBain	14	0	1	13	0	0	6	8	2	1	4	0	2
Norwich Twp.	11	0	0	11	0	0	0	11	2	1	9	0	0
Pioneer Twp.	17	0	2	15	0	0	11	6	1	1	14	0	2
Reeder Twp.	85	0	8	77	0	0	44	41	3	1	50	0	10
Richland Twp.	50	0	5	45	0	0	0	49	1	0	26	0	11
Riverside Twp.	91	0	5	86	0	0	30	61	1	0	78	0	5
West Branch Twp.	39	0	5	34	0	0	18	21	1	1	31	0	7
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	633	0	61	572	0	0	240	392	22	9	389	0	84

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	0	0	4	0	2	0	1	0	4	0
16 - 20	76	0	61	2	85	1	92	4	63	1
21 - 24	83	3	72	3	62	2	60	1	68	1
25 - 64	474	12	445	9	461	17	433	7	486	20
65 +	82	0	67	0	80	0	91	2	102	0
Unknown	14	0	14	0	17	0	15	0	11	0
Total	729	15	663	14	707	20	692	14	734	22

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	1	1	1	1	0	0	0	1	0
21 - 24	1	0	0	1	0	0	0	0	1
25 - 64	25	15	12	20	0	0	6	2	12
65 +	0	1	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0
Total	27	17	13	22	0	0	6	3	13

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 27 drivers in alcohol-involved crashes; 22 (81.5%) of those drivers were coded as had-been-drinking by the officer on the crash form.

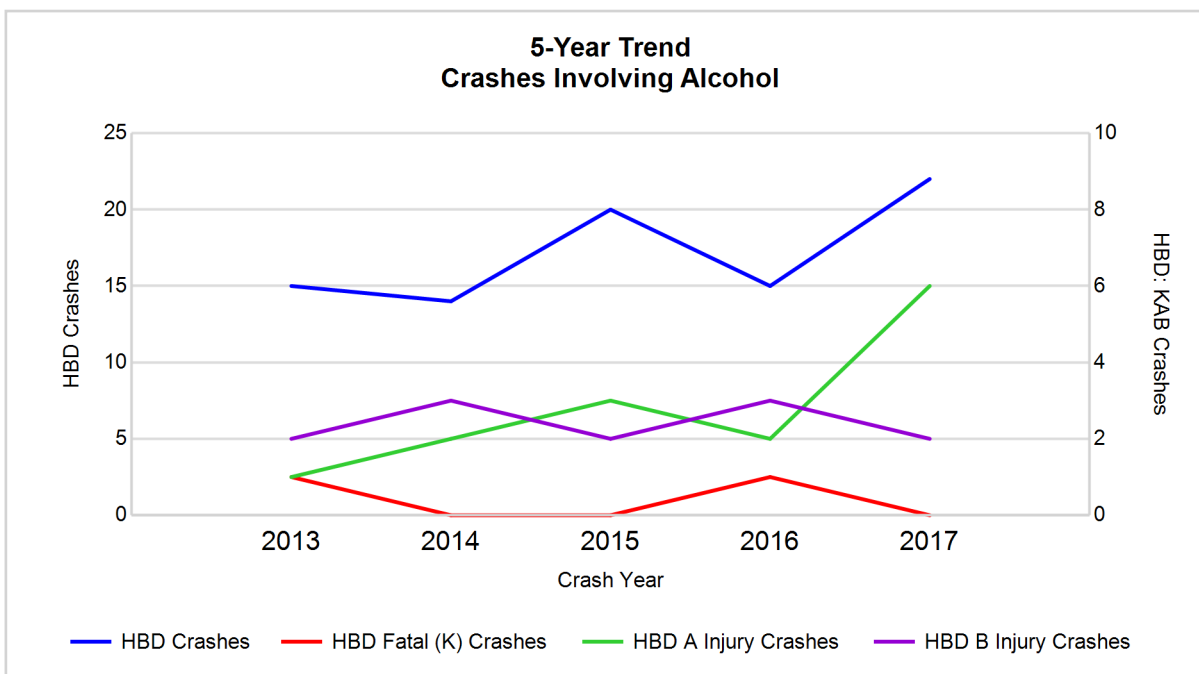
- 9 (40.9%) of the 22 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 3 (33.3%) of the 9 drivers had a BAC at or above 0.17 g/dL.
- 13 (59.1%) of the 22 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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	633	15	2.4	3	1	33.3	6	1	16.7	21	2	9.5
2014	572	14	2.4	1	0	0.0	14	2	14.3	11	3	27.3
2015	589	20	3.4	4	0	0.0	12	3	25.0	15	2	13.3
2016	592	15	2.5	5	1	20.0	16	2	12.5	16	3	18.8
2017	633	22**	3.5**	0*	0	0.0	15	6**	40.0**	15	2	13.3

Note: * Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column

** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column



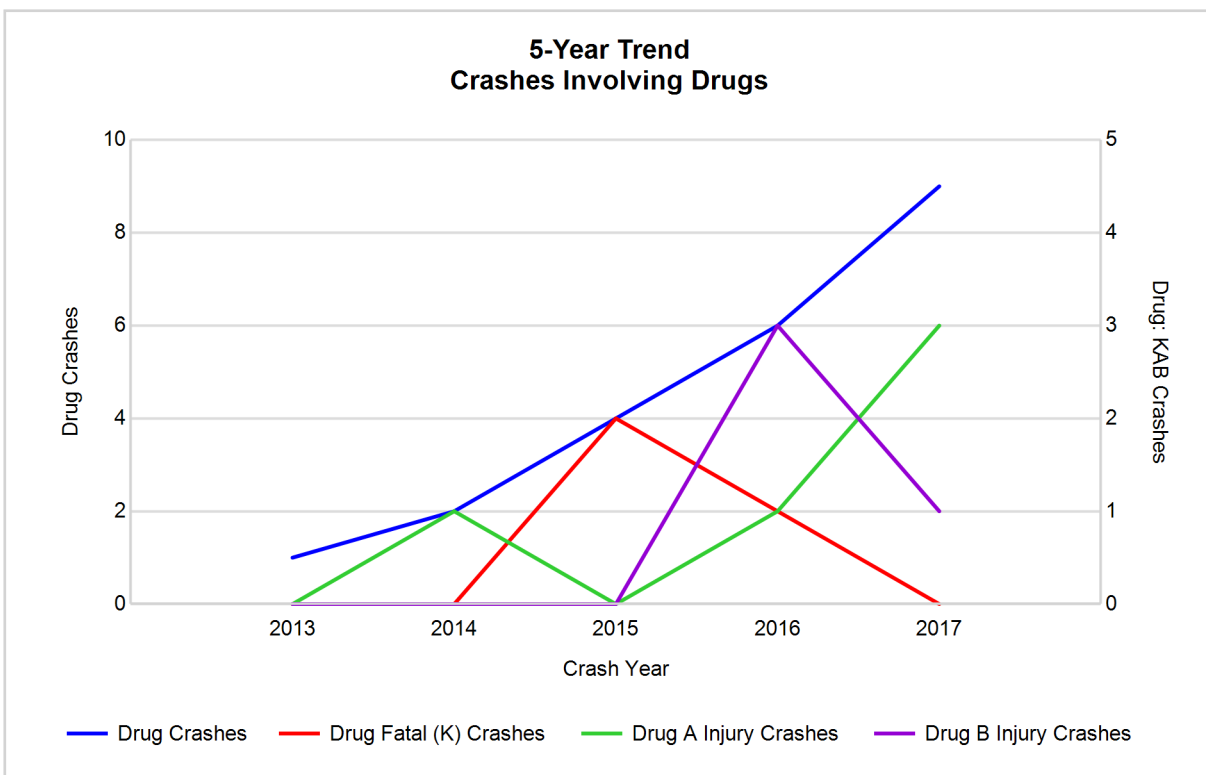
Note: Had-Been-Drinking (HBD)

5-Year Trend - Crashes Involving Drugs

Year	All Crashes	Drug Crashes	% Drug	Fatal Crashes	Drug Fatal Crashes	% Drug	A Injury Crashes	Drug A Injury Crashes	% Drug	B Injury Crashes	Drug B Injury Crashes	% Drug
2013	633	1	0.2	3	0	0.0	6	0	0.0	21	0	0.0
2014	572	2	0.3	1	0	0.0	14	1	7.1	11	0	0.0
2015	589	4	0.7	4	2	50.0	12	0	0.0	15	0	0.0
2016	592	6	1.0	5	1	20.0	16	1	6.3	16	3	18.8
2017	633	9**	1.4**	0*	0	0.0	15	3**	20.0**	15	1	6.7

Note: * Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column

** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column

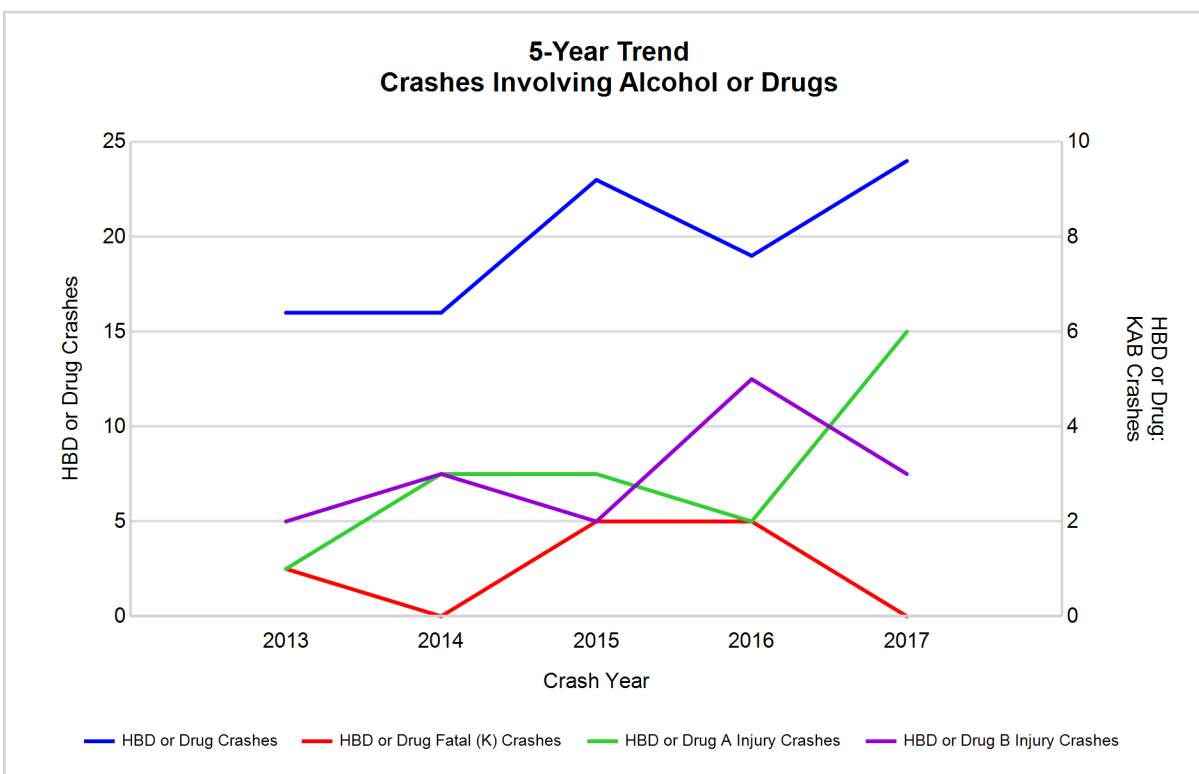


5-Year Trend - Crashes Involving Alcohol or Drugs

Year	All Crashes	HBD or Drug Crashes	% HBD or Drug	Fatal Crashes	HBD or Drug Fatal Crashes	% HBD or Drug	A Injury Crashes	HBD or Drug A Injury Crashes	% HBD or Drug	B Injury Crashes	HBD or Drug B Injury Crashes	% HBD or Drug
2013	633	16	2.5	3	1	33.3	6	1	16.7	21	2	9.5
2014	572	16	2.8	1	0	0.0	14	3	21.4	11	3	27.3
2015	589	23	3.9	4	2	50.0	12	3	25.0	15	2	13.3
2016	592	19	3.2	5	2	40.0	16	2	12.5	16	5	31.3
2017	633	24**	3.8	0*	0	0.0	15	6**	40.0**	15	3	20.0

Note: * Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column

** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column



Note: Had-Been-Drinking (HBD)

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	528	512	97.0	0	0	0.0	10	7	70.0	19	16	84.2	33	31	93.9	463	458	98.9
Motor home	5	5	100.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	4	4	100.0
Pickup truck	178	169	94.9	0	0	0.0	3	1	33.3	0	0	0.0	8	8	100.0	164	160	97.6
Small truck under 10,000 lbs. GVWR	7	7	100.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	6	6	100.0
Motorcycle	3	1	33.3	0	0	0.0	0	0	0.0	2	0	0.0	0	0	0.0	1	1	100.0
Moped / goped	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	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	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	6	1	16.7	0	0	0.0	4	0	0.0	0	0	0.0	0	0	0.0	2	1	50.0
Other	5	1	20.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	4	1	25.0
Truck/bus over 10,000 lbs.	14	14	100.0	0	0	0.0	0	0	0.0	0	0	0.0	2	2	100.0	12	12	100.0
Unknown	5	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	751	710	94.5	0	0	0.0	17	8	47.1	21	16	76.2	46	43	93.5	656	643	98.0

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	11	10	90.9	0	0	0.0	2	1	50.0	3	3	100.0	3	3	100.0	3	3	100.0
16 - 20	65	64	98.5	0	0	0.0	1	0	0.0	1	1	100.0	8	8	100.0	55	55	100.0
21 - 24	70	69	98.6	0	0	0.0	0	0	0.0	3	3	100.0	5	5	100.0	62	61	98.4
25 - 64	492	470	95.5	0	0	0.0	13	7	53.8	12	7	58.3	28	25	89.3	439	431	98.2
65 +	102	97	95.1	0	0	0.0	1	0	0.0	2	2	100.0	2	2	100.0	97	93	95.9
Unknown	11	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	751	710	94.5	0	0	0.0	17	8	47.1	21	16	76.2	46	43	93.5	656	643	98.0

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	4	0	0	1	0	0	5	0	0	1	0	0	5	0	2
Shoulder belt only used	2	0	1	0	0	0	0	0	0	3	0	0	1	0	1
Lap belt only used	3	0	0	1	0	0	3	0	0	2	0	0	0	0	0
Both lap & shoulder belts used	676	0	48	621	0	32	649	0	44	646	3	46	692	0	50
No belts used	13	2	5	7	0	4	9	4	4	9	0	5	9	0	6
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	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0
Restraint use unknown	6	0	1	8	0	2	10	0	3	21	0	4	24	0	6
Helmet worn	9	0	6	9	0	5	5	0	2	1	0	1	1	0	0
Helmet not worn	1	0	0	2	0	2	8	0	7	2	1	1	2	0	2
Helmet use unknown	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0
Uncoded & errors	14	0	0	13	0	0	17	0	0	6	0	0	0	0	0
Total	729	2	62	663	0	46	707	4	61	692	4	58	734	0	67

5-Year Trend - Restraint Use Among Drivers Coded Drinking

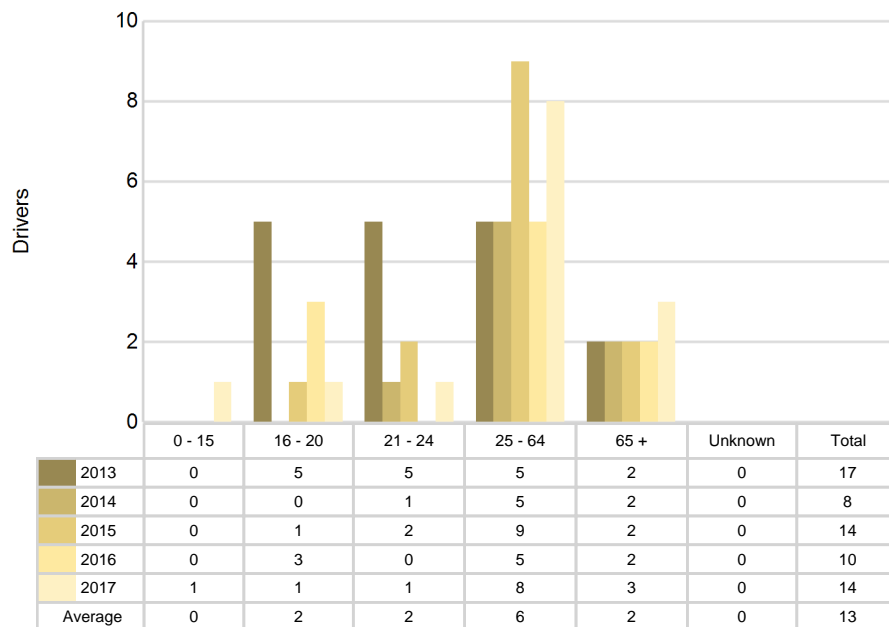
Restraint Use	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoulder belt only used	1	0	1	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	9	0	2	7	0	4	10	0	3	9	1	2	11	0	3
No belts used	3	1	1	3	0	3	2	0	2	2	0	1	4	0	4
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	1	0	0	3	0	1	6	0	2	3	0	2	7	0	3
Helmet worn	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Helmet not worn	0	0	0	1	0	1	2	0	2	0	0	0	0	0	0
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	15	1	5	14	0	9	20	0	9	14	1	5	22	0	10

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	1	0	1
16 - 20	5	0	3	0	0	0	1	0	1	3	0	2	1	0	1
21 - 24	5	0	1	1	0	1	2	0	0	0	0	0	1	0	0
25 - 64	5	1	1	5	0	3	9	3	3	5	0	2	8	0	5
65 +	2	1	0	2	0	0	2	1	0	2	0	1	3	0	1
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	17	2	5	8	0	4	14	4	4	10	0	5	14	0	8

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

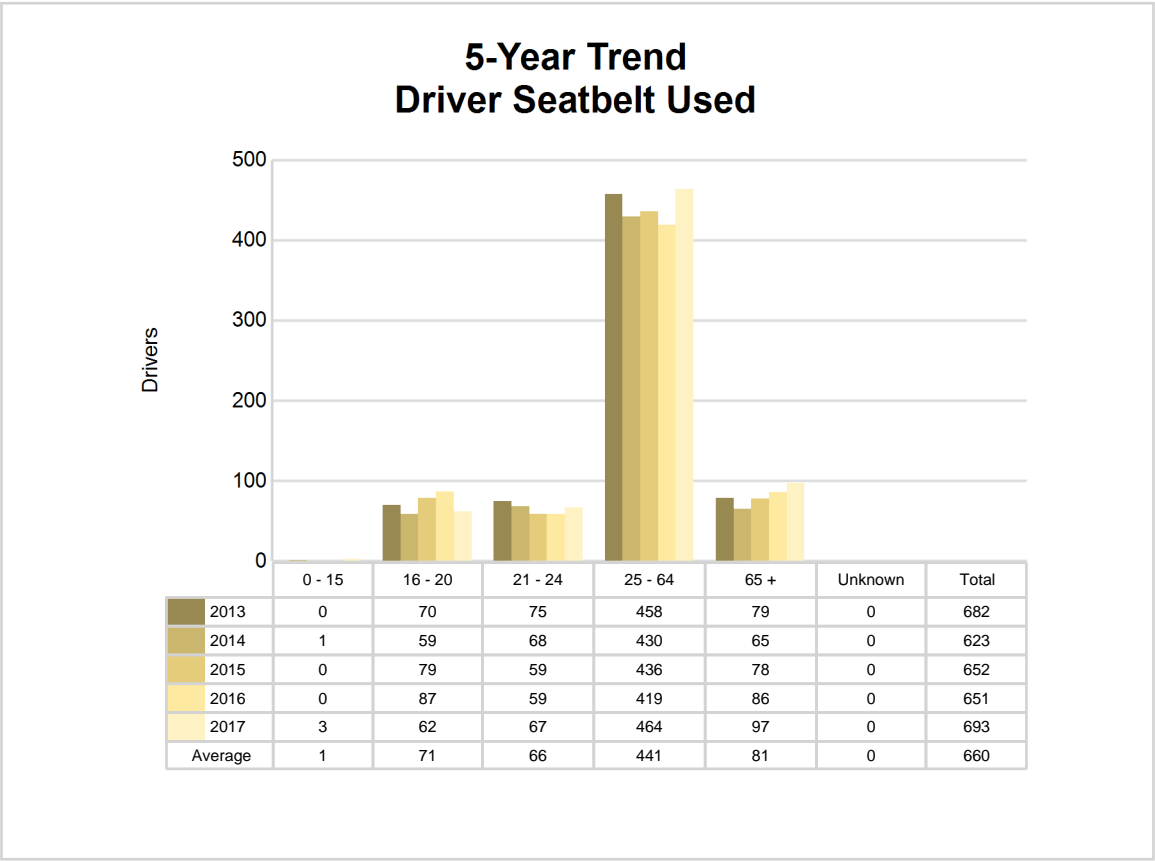
5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

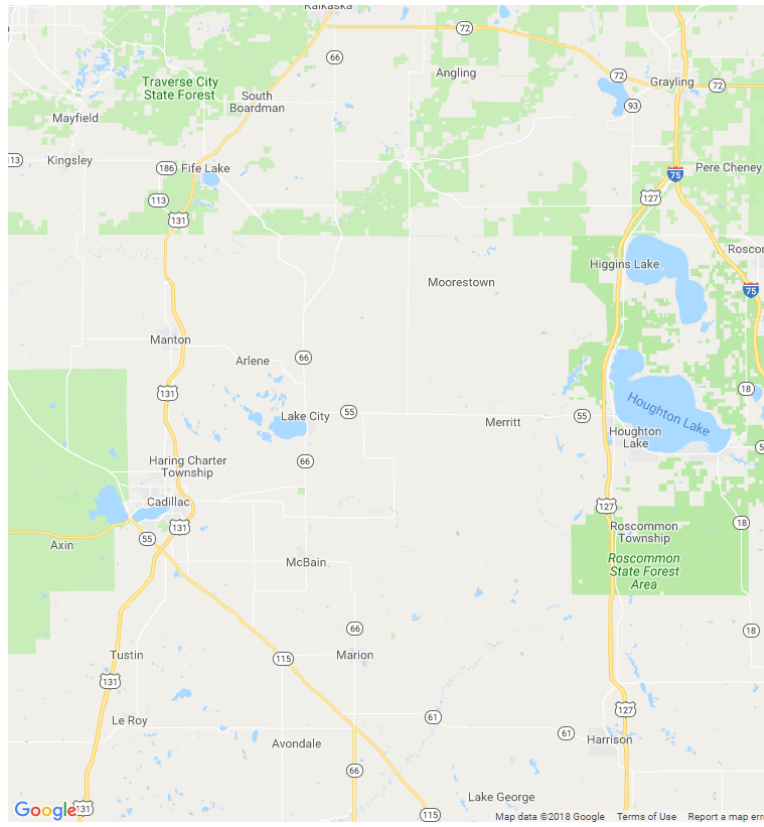
Age Group	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	0	0	0	1	0	1	0	0	0	0	0	0	3	0	0
16 - 20	70	0	5	59	0	8	79	0	8	87	1	6	62	0	7
21 - 24	75	0	5	68	0	5	59	0	5	59	1	4	67	0	6
25 - 64	458	0	32	430	0	16	436	0	24	419	0	29	464	0	34
65 +	79	0	8	65	0	3	78	0	7	86	1	7	97	0	4
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	682	0	50	623	0	33	652	0	44	651	3	46	693	0	51

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	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	552	1	468	1	510	3	487	4	515	0
Speed too fast	71	0	79	1	55	2	76	1	72	0
Speed too slow	1	0	1	0	0	0	0	0	0	0
Failed to yield	26	0	29	0	31	0	21	1	16	0
Disregard traffic control	1	0	2	0	2	0	4	0	4	0
Drove wrong way	0	0	0	0	0	0	0	0	0	0
Drove left of center	1	0	2	0	3	0	3	1	9	0
Improper passing	1	0	2	0	4	0	3	0	3	0
Improper lane use	2	0	2	0	7	0	2	0	7	0
Improper turn	1	0	6	0	3	0	5	0	4	0
Improper/no signal	1	0	1	0	1	0	0	0	1	0
Improper backing	7	0	6	0	9	0	9	0	7	0
Unable to stop in assured clear distance	28	0	19	0	39	1	37	0	39	0
Other	5	0	18	0	14	0	16	1	17	0
Unknown	8	1	3	0	6	0	3	0	9	0
Reckless driving	8	1	4	0	5	0	4	0	6	0
Careless/negligent driving	16	0	21	0	18	1	22	0	25	0
Uncoded & errors	0	0	0	0	0	0	0	0	0	0
Total	729	3	663	2	707	7	692	8	734	0



In 2017, there were no alcohol-involved fatal crashes in Missaukee County.

In 2017, there were 22 alcohol-involved crashes in Missaukee County:

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

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