MICHIGAN

OHSP

Office of Highway Safety Planning

2017

MTCF
Michigan Traffic
Crash Facts

Michigan Traffic Crash Facts

Michigan State Police (MSP) Post 74 - Alpena

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

Post 74 is comprised of Alcona, Alpena, Montmorency, Oscoda, and Presque Isle counties. Trend tables for this report are based on those counties.

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)

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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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MSP Post 74 - Alpena

- There were 2,854 crashes in Post 74 during 2017. [Page 1]
- A total of 9 fatalities resulted from 8 fatal crashes in 2017 in Post 74. [Page 1]
- There were 375 injuries and 275 injury crashes. [Page 1]
- There were 2,571 property damage only crashes (no fatalities or injuries). [Page 1]
- November had the highest number of crashes (347). [Pages 1-2]
- June had the highest number of fatal crashes (2) while June and September had the highest number of fatalities (2). [Pages 1-2]
- December had the highest number of injury crashes (32) while August and December had the highest number of injuries (38). [Page 1]
- November had the highest number of property damage only crashes (321). [Page 1]
- Of all vehicles involved in fatal crashes, 1 (11.1%) were motorcycles. [Page 1]
- Friday was the day of the week with the highest number of crashes (451) and Sunday and Thursday had the highest number of fatal crashes (3). [Pages 2-3]
- The 6:00 AM - 8:59 AM time period had the highest number of crashes (539). The 6:00 PM - 8:59 PM time period had the highest number of fatal crashes (3). [Pages 5-6]
- During the period from 2013 to 2017, the highest number of deer crashes occurred in 2017 (1,786). The 6:00 AM - 8:59 AM time period had the highest number of deer-involved crashes. There were fatal crashes involving deer in 2017. [Pages 7-8]
- Alpena County (30.2%) had the highest number of crashes in Post 74 in 2017, followed by Alcona County (23.7%), and Presque Isle County (22.7%). [Page 8]
- Alpena County (33.3%) had the highest number of fatalities in Post 74 in 2017, followed by Oscoda County and Alcona County (22.2%), and Montmorency County and Presque Isle County (11.1%). [Page 8]
- The highest number of drivers in crashes (3,359) occurred during 2017 and the highest number of drivers coded drinking in crashes (88) occurred during 2017 within the five year period between 2013 and 2017. [Page 9]
- A total of 88 crashes involved alcohol in 2017. [Page 10]
- Alcohol-involved fatal crashes were the highest in 2016 during the five-year period from 2013 to 2017 at 6. [Page 10]
- A total of 19 crashes, 2 fatal crashes, and 4 suspected serious injury crashes involved drugs in 2017. [Page 11]
- There were 3,160 drivers wearing seatbelts and 42 drivers not wearing seatbelts in crashes in 2017. Of the 42 drivers not wearing seat belts, 1 (2.4%) were killed and 17 (40.5%) were injured. [Pages 14-16]
- The most common hazardous action coded for drivers in 2017 in all crashes was speed too fast (315), while the most common hazardous action coded for drivers in fatal crashes was unknown and speed too fast (3). [Page 17]

Post 74 Experience

In 2017:

There were 3,359 drivers involved in 2,854 motor vehicle crashes in MSP Post 74. Of those crashes, 8 were classified as fatal, resulting in 9 fatalities. An additional 375 persons were injured.

Post 74 experienced the highest number of motor vehicle crashes (347) in November, the highest number of fatal crashes (2) in June and the highest number of persons killed (2) in June and September.

Michigan driver statistics indicate 5.1 percent of licensed drivers in Post 74 were age 16-20, and 9.8 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	195	0	19	176	0	30
February	237	1	25	211	1	36
March	197	0	12	185	0	17
April	156	0	20	136	0	26
May	190	1	23	166	1	30
June	216	2	23	191	2	29
July	215	1	23	191	1	29
August	178	0	23	155	0	38
September	250	1	27	222	2	37
October	334	1	23	310	1	32
November	347	1	25	321	1	33
December	339	0	32	307	0	38
Total	**2,854**	**8**	**275**	**2,571**	**9**	**375**

2017 - Driver Statistics

Age Group	Post 74			Driver Rates	
	2017 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	10,196	330	6	5.9	181.8
16 - 20	3,322	2,854	328	987.4	1,149.3
21 - 24	2,556	2,380	243	950.7	1,021.0
25 - 64	33,768	32,421	2,125	629.3	655.4
65 +	19,299	18,500	578	299.5	312.4
Unknown	0	0	79	- -	- -
Total	**69,141**	**56,485**	**3,359**	**485.8**	**594.7**

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	2,220	66.1	3	33.3	248	1,969
Motor home	32	1.0	0	0.0	2	30
Pickup truck	894	26.6	1	11.1	76	817
Small truck under 10,000 lbs. GVWR	81	2.4	0	0.0	7	74
Motorcycle	27	0.8	1	11.1	17	9
Moped / goped	3	0.1	0	0.0	3	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	22	0.7	3	33.3	16	3
Other	11	0.3	1	11.1	1	9
Truck/bus over 10,000 lbs.	39	1.2	0	0.0	4	35
Unknown	28	0.8	0	0.0	2	26
Total	**3,359**	**100.0**	**9**	**100.0**	**378**	**2,972**

5-Year Trend - Crashes by Month

| Month	2013 Total Crashes	2013 Fatal Crashes	2014 Total Crashes	2014 Fatal Crashes	2015 Total Crashes	2015 Fatal Crashes	2016 Total Crashes	2016 Fatal Crashes	2017 Total Crashes	2017 Fatal Crashes
January	240	0	199	0	232	1	214	1	195	0
February	172	0	170	0	157	0	220	0	237	1
March	188	0	234	0	148	0	171	0	197	0
April	182	1	189	2	141	0	168	1	156	0
May	161	2	173	0	176	0	178	3	190	1
June	224	0	234	0	248	0	246	1	216	2
July	196	0	210	0	220	1	206	3	215	1
August	183	1	146	0	169	1	193	0	178	0
September	216	2	163	1	191	1	202	1	250	1
October	268	0	240	0	273	0	239	0	334	1
November	365 †	1	353 †	1	347 †	0	330 †	0	347 †	1
December	305	0	215	0	167	1	276	0	339	0
Total	**2,700**	**7**	**2,526**	**4**	**2,469**	**5**	**2,643**	**10**	**2,854**	**8**

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 Total Crashes	2013 Fatal Crashes	2014 Total Crashes	2014 Fatal Crashes	2015 Total Crashes	2015 Fatal Crashes	2016 Total Crashes	2016 Fatal Crashes	2017 Total Crashes	2017 Fatal Crashes
Monday	361	2	347	1	357	0	397	1	412	0
Tuesday	391	1	368	0	324	0	367	0	442	0
Wednesday	391	1	342	1	379	1	420	1	367	0
Thursday	435	0	358	0	363	1	383	0	442	3
Friday	451	0	417	0	394	2	402	3	451	2
Saturday	367	1	360	1	327	1	351	4	392	0
Sunday	304	2	334	1	325	0	323	1	348	3
Total	**2,700**	**7**	**2,526**	**4**	**2,469**	**5**	**2,643**	**10**	**2,854**	**8**

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
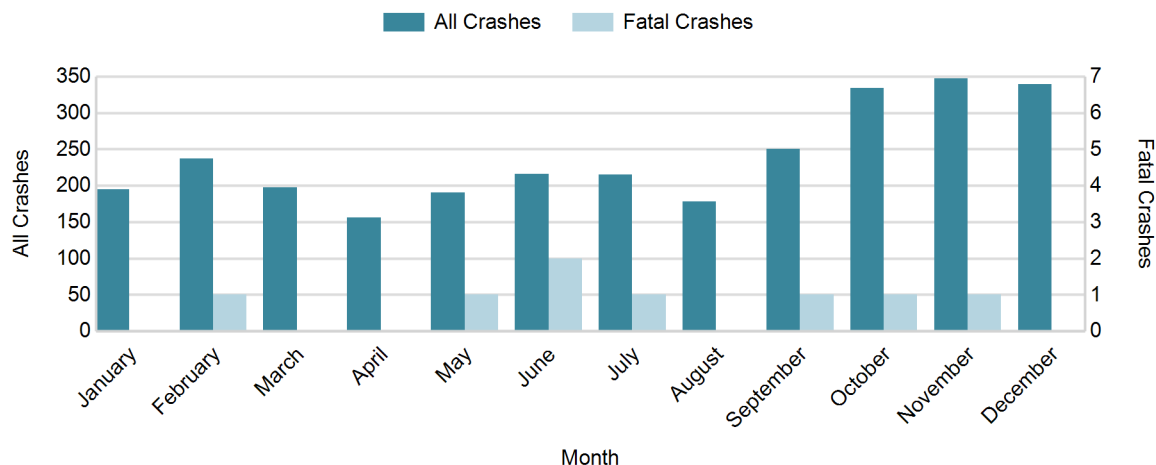
2017 - Crashes by Day of Week

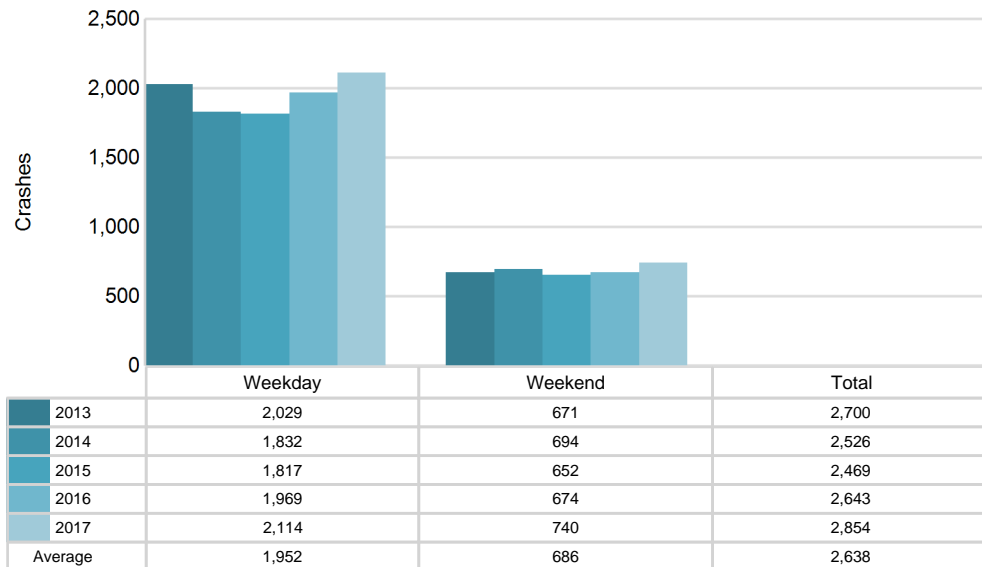| Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	412	14.4	0	0.0	6	14	20	372
Tuesday	442	15.5	0	0.0	5	13	22	402
Wednesday	367	12.9	0	0.0	2	11	20	334
Thursday	442	15.5	3	37.5	5	15	25	394
Friday	451	15.8	2	25.0	5	15	19	410
Saturday	392	13.7	0	0.0	10	21	15	346
Sunday	348	12.2	3	37.5	5	15	12	313
Total	**2,854**	**100.0**	**8**	**100.0**	**38**	**104**	**133**	**2,571**

2017 Day of Week and Severity
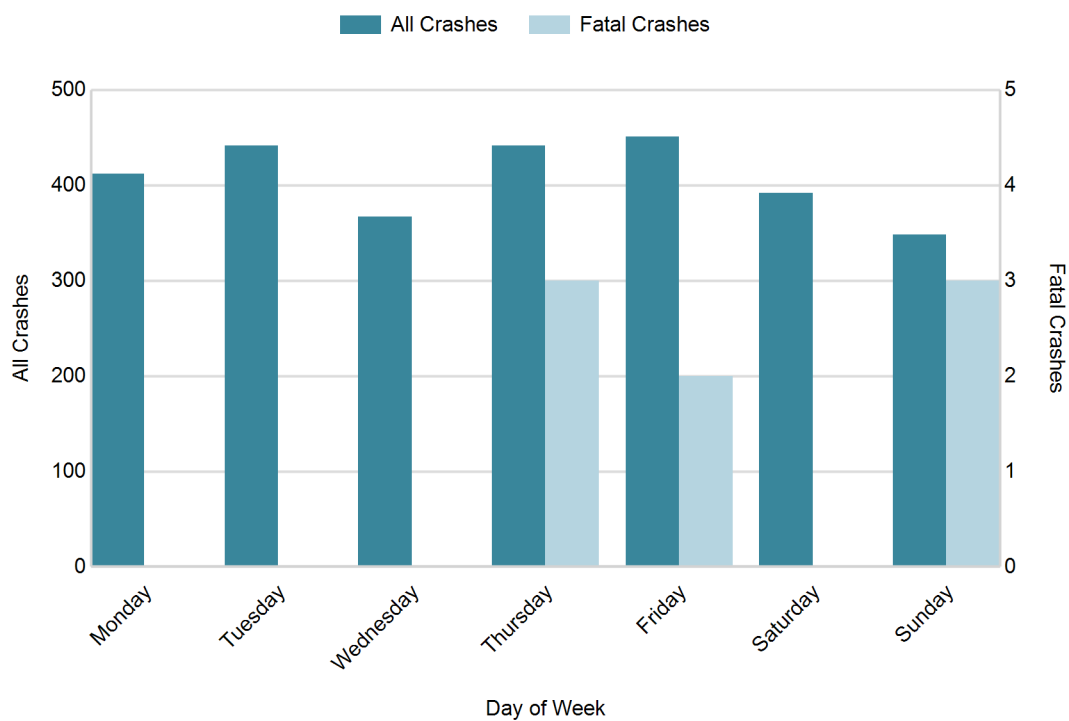
5-Year Trend - Crashes by Weekday and Weekend

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	2,029	4	1,832	2	1,817	4	1,969	5	2,114	5
Weekend	671	3	694	2	652	1	674	5	740	3
Total	**2,700**	**7**	**2,526**	**4**	**2,469**	**5**	**2,643**	**10**	**2,854**	**8**

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

	Weekday	Weekend	Total
2013	2,029	671	2,700
2014	1,832	694	2,526
2015	1,817	652	2,469
2016	1,969	674	2,643
2017	2,114	740	2,854
Average	1,952	686	2,638

5-Year Trend - Crashes by Time of Day

Time of Day	2013 Total Crashes	2013 Fatal Crashes	2014 Total Crashes	2014 Fatal Crashes	2015 Total Crashes	2015 Fatal Crashes	2016 Total Crashes	2016 Fatal Crashes	2017 Total Crashes	2017 Fatal Crashes
Midnight - 2:59 AM	137	0	152	0	142	1	132	1	116	1
3:00 AM - 5:59 AM	183	1	134	0	144	2	181	0	191	0
6:00 AM - 8:59 AM	459	1	440	1	445	1	463	0	539	1
9:00 AM - 11:59 AM	282	1	280	1	303	0	288	1	311	1
Noon - 2:59 PM	353	2	307	0	304	0	307	1	339	2
3:00 PM - 5:59 PM	419	0	354	0	310	1	370	2	431	0
6:00 PM - 8:59 PM	490	2	496	1	462	0	528	1	507	3
9:00 PM - 11:59 PM	373	0	361	1	356	0	373	4	417	0
Unknown	4	0	2	0	3	0	1	0	3	0
Total	**2,700**	**7**	**2,526**	**4**	**2,469**	**5**	**2,643**	**10**	**2,854**	**8**

Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period
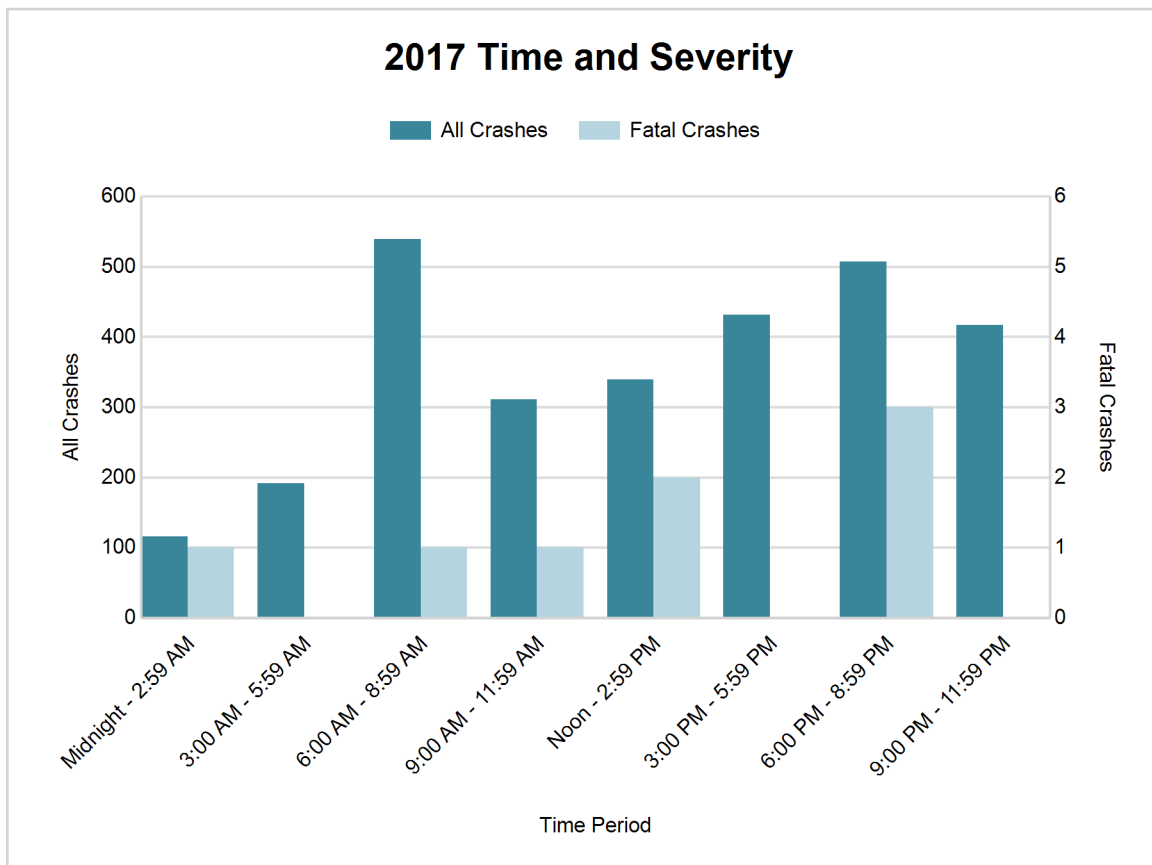
5-Year Trend
Crashes by Time of Day

	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2013	137	183	459	282	353	419	490	373	4	2,700
2014	152	134	440	280	307	354	496	361	2	2,526
2015	142	144	445	303	304	310	462	356	3	2,469
2016	132	181	463	288	307	370	528	373	1	2,643
2017	116	191	539	311	339	431	507	417	3	2,854
Average	136	167	469	293	322	377	497	376	3	2,638

5-Year Trend
Fatal Crashes by Time of Day

	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2013	0	1	1	1	2	0	2	0	0	7
2014	0	0	1	1	0	0	1	1	0	4
2015	1	2	1	0	0	1	0	0	0	5
2016	1	0	0	1	1	2	1	4	0	10
2017	1	0	1	1	2	0	3	0	0	8
Average	1	1	1	1	1	1	1	1	0	7

MSP Post 74 - Alpena (continued)
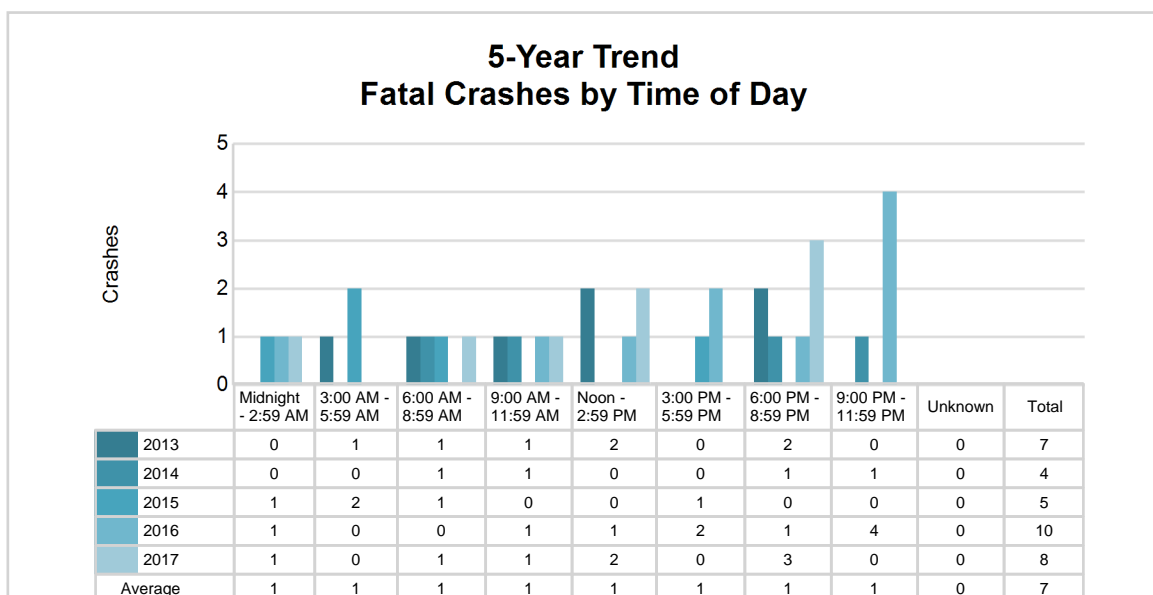
2017 - Time and Severity

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	116	4.1	1	12.5	3	9	2	101
3:00 AM	- 5:59 AM	191	6.7	0	0.0	2	1	5	183
6:00 AM	- 8:59 AM	539	18.9	1	12.5	3	8	11	516
9:00 AM	- 11:59 AM	311	10.9	1	12.5	5	15	17	273
Noon	- 2:59 PM	339	11.9	2	25.0	7	17	24	289
3:00 PM	- 5:59 PM	431	15.1	0	0.0	9	20	39	363
6:00 PM	- 8:59 PM	507	17.8	3	37.5	6	16	20	462
9:00 PM	- 11:59 PM	417	14.6	0	0.0	3	18	15	381
Unknown		3	0.1	0	0.0	0	0	0	3
Total		**2,854**	**100.0**	**8**	**100.0**	**38**	**104**	**133**	**2,571**

2017 Time and Severity

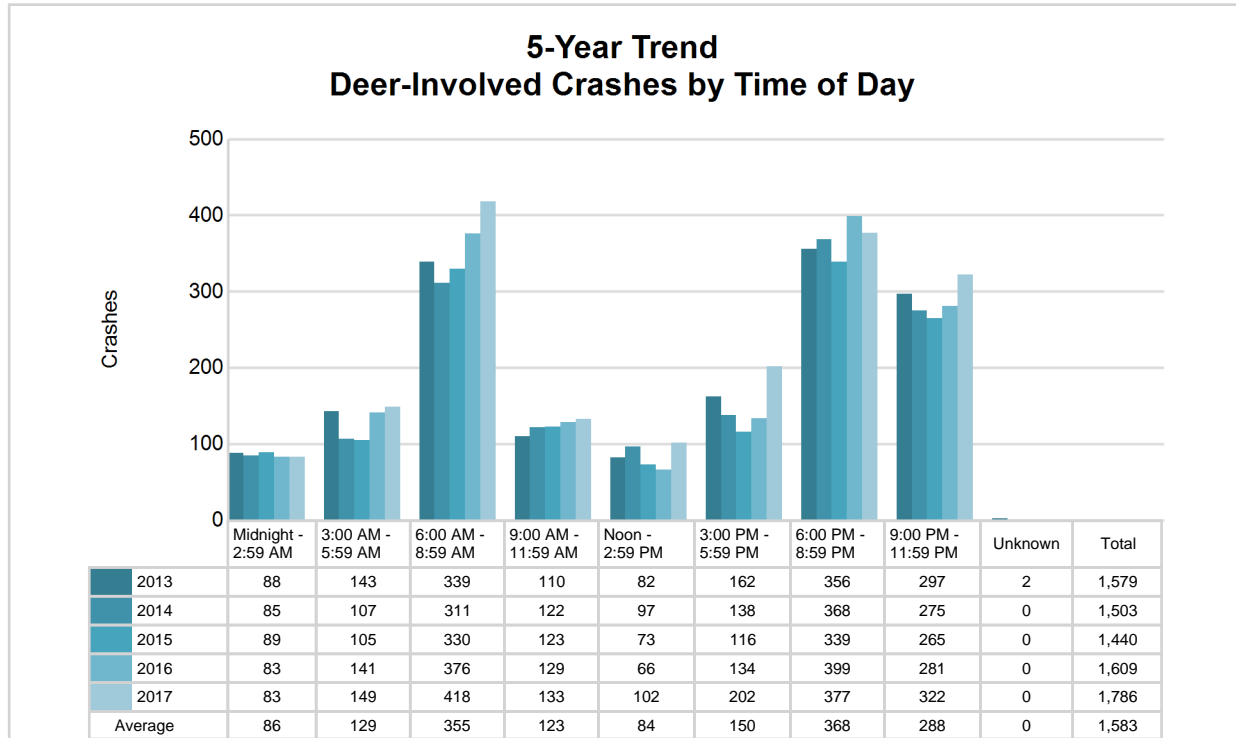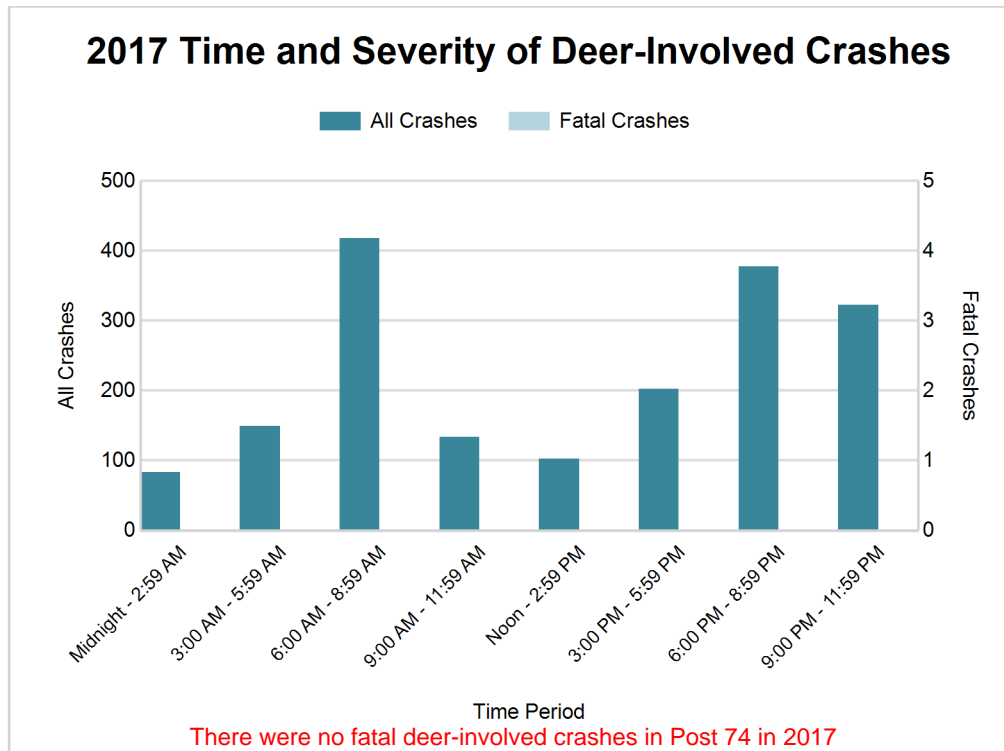**5-Year Trend - Deer-Involved Crashes by Time of Day**

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	88	0	85	0	89	0	83	0	83	0
3:00 AM - 5:59 AM	143	0	107	0	105	0	141	0	149	0
6:00 AM - 8:59 AM	339	0	311	0	330	0	376	0	418	0
9:00 AM - 11:59 AM	110	0	122	0	123	0	129	0	133	0
Noon - 2:59 PM	82	0	97	0	73	0	66	0	102	0
3:00 PM - 5:59 PM	162	0	138	0	116	0	134	0	202	0
6:00 PM - 8:59 PM	356	0	368	0	339	0	399	0	377	0
9:00 PM - 11:59 PM	297	0	275	0	265	0	281	0	322	0
Unknown	2	0	0	0	0	0	0	0	0	0
Total	**1,579**	**0**	**1,503**	**0**	**1,440**	**0**	**1,609**	**0**	**1,786**	**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
Deer-Involved Crashes by Time of Day

	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2013	88	143	339	110	82	162	356	297	2	1,579
2014	85	107	311	122	97	138	368	275	0	1,503
2015	89	105	330	123	73	116	339	265	0	1,440
2016	83	141	376	129	66	134	399	281	0	1,609
2017	83	149	418	133	102	202	377	322	0	1,786
Average	86	129	355	123	84	150	368	288	0	1,583

2017 Time and Severity of Deer-Involved Crashes

Legend: All Crashes, Fatal Crashes

There were no fatal deer-involved crashes in Post 74 in 2017
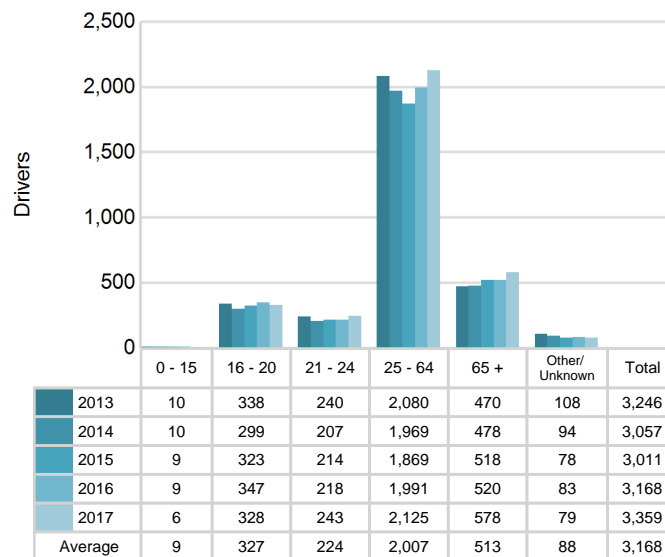
2017 - Reported Motor Vehicle Crashes by County

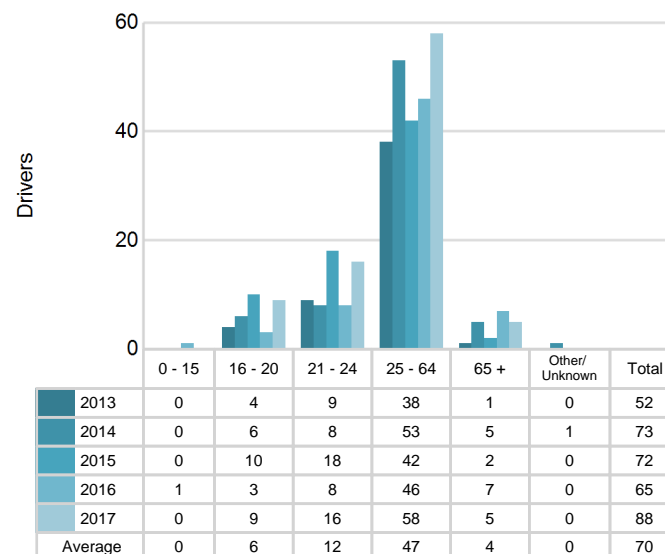| County	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Alcona	676	2	58	616	0	120	145	409	19	1	517	2	85
Alpena	861	3	123	735	0	175	196	485	34	13	350	3	166
Montmorency	381	1	31	349	0	0	180	200	15	1	246	1	35
Oscoda	287	1	29	257	0	0	147	139	3	2	169	2	41
Presque Isle	649	1	34	614	0	120	225	304	17	2	504	1	48
Total	**2,854**	**8**	**275**	**2,571**	**0**	**415**	**893**	**1,537**	**88**	**19**	**1,786**	**9**	**375**

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	10	0	10	0	9	0	9	1	6	0
16 - 20	338	4	299	6	323	10	347	3	328	9
21 - 24	240	9	207	8	214	18	218	8	243	16
25 - 64	2,080	38	1,969	53	1,869	42	1,991	46	2,125	58
65 +	470	1	478	5	518	2	520	7	578	5
Unknown	108	0	94	1	78	0	83	0	79	0
Total	**3,246**	**52**	**3,057**	**73**	**3,011**	**72**	**3,168**	**65**	**3,359**	**88**

5-Year Trend
Total Drivers in Crashes by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2013	10	338	240	2,080	470	108	3,246
2014	10	299	207	1,969	478	94	3,057
2015	9	323	214	1,869	518	78	3,011
2016	9	347	218	1,991	520	83	3,168
2017	6	328	243	2,125	578	79	3,359
Average	9	327	224	2,007	513	88	3,168

5-Year Trend
Total Drivers Coded Drinking by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2013	0	4	9	38	1	0	52
2014	0	6	8	53	5	1	73
2015	0	10	18	42	2	0	72
2016	1	3	8	46	7	0	65
2017	0	9	16	58	5	0	88
Average	0	6	12	47	4	0	70

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	9	9	6	9	1	1	2	1	4
21 - 24	17	17	12	16	0	3	6	1	6
25 - 64	66	59	49	58	0	7	17	20	14
65 +	5	5	3	5	0	0	0	2	3
Unknown	2	0	0	0	0	0	0	0	0
Total	**99**	**90**	**70**	**88**	**1**	**11**	**25**	**24**	**27**

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; 88 (88.9%) of those drivers were coded as had-been-drinking by the officer on the crash form.
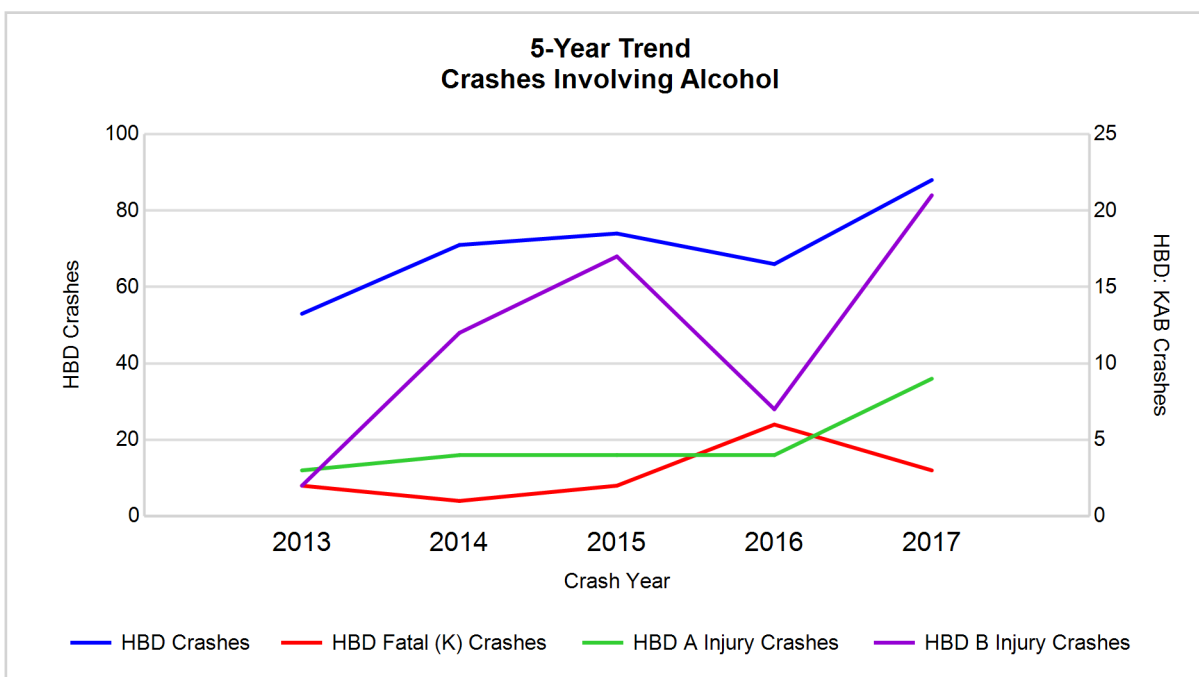
- 49 (55.7%) of the 88 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 24 (49.0%) of the 49 drivers had a BAC at or above 0.17 g/dL.

- 70 (79.5%) of the 88 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	2,700	53	2.0	7	2	28.6	29	3	10.3	91	2	2.2
2014	2,526	71	2.8	4	1	25.0	29	4	13.8	90	12	13.3
2015	2,469	74	3.0	5	2	40.0	34	4	11.8	89	17	19.1
2016	2,643	66	2.5	10	6	60.0	29	4	13.8	84	7	8.3
2017	2,854**	88**	3.1**	8	3	37.5	38**	9**	23.7**	104**	21**	20.2**

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
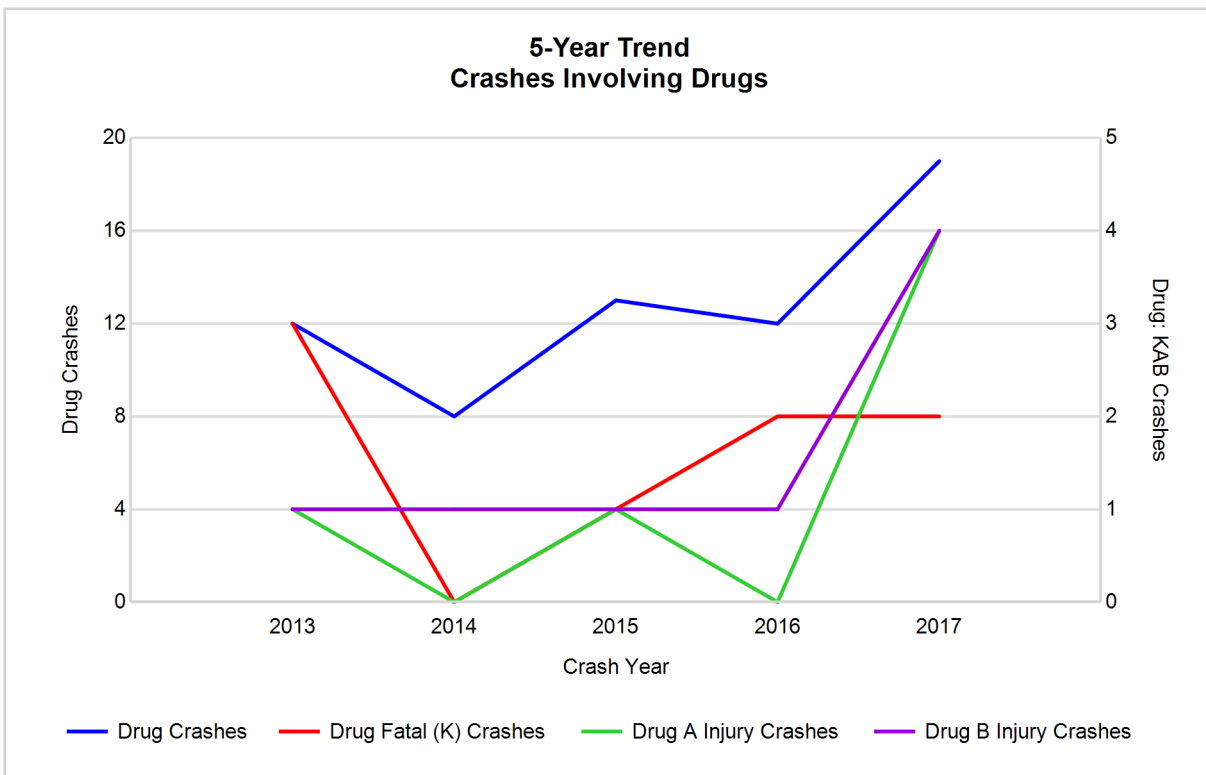

5-Year Trend Crashes Involving Alcohol

Legend: HBD Crashes, HBD Fatal (K) Crashes, HBD A Injury Crashes, HBD B Injury Crashes

Note: Had-Been-Drinking (HBD)

MSP Post 74 - Alpena (continued)

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	2,700	12	0.4	7	3	42.9	29	1	3.4	91	1	1.1
2014	2,526	8	0.3	4	0	0.0	29	0	0.0	90	1	1.1
2015	2,469	13	0.5	5	1	20.0	34	1	2.9	89	1	1.1
2016	2,643	12	0.5	10	2	20.0	29	0	0.0	84	1	1.2
2017	2,854**	19**	0.7**	8	2	25.0	38**	4**	10.5**	104**	4**	3.8**

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


5-Year Trend
Crashes Involving Drugs

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	2,700	60	2.2	7	3	42.9	29	4	13.8	91	3	3.3
2014	2,526	76	3.0	4	1	25.0	29	4	13.8	90	13	14.4
2015	2,469	82	3.3	5	2	40.0	34	4	11.8	89	18	20.2
2016	2,643	74	2.8	10	7	70.0	29	4	13.8	84	8	9.5
2017	2,854**	100**	3.5**	8	5	62.5	38**	12**	31.6**	104**	22**	21.2**

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

5-Year Trend
Crashes Involving Alcohol or Drugs
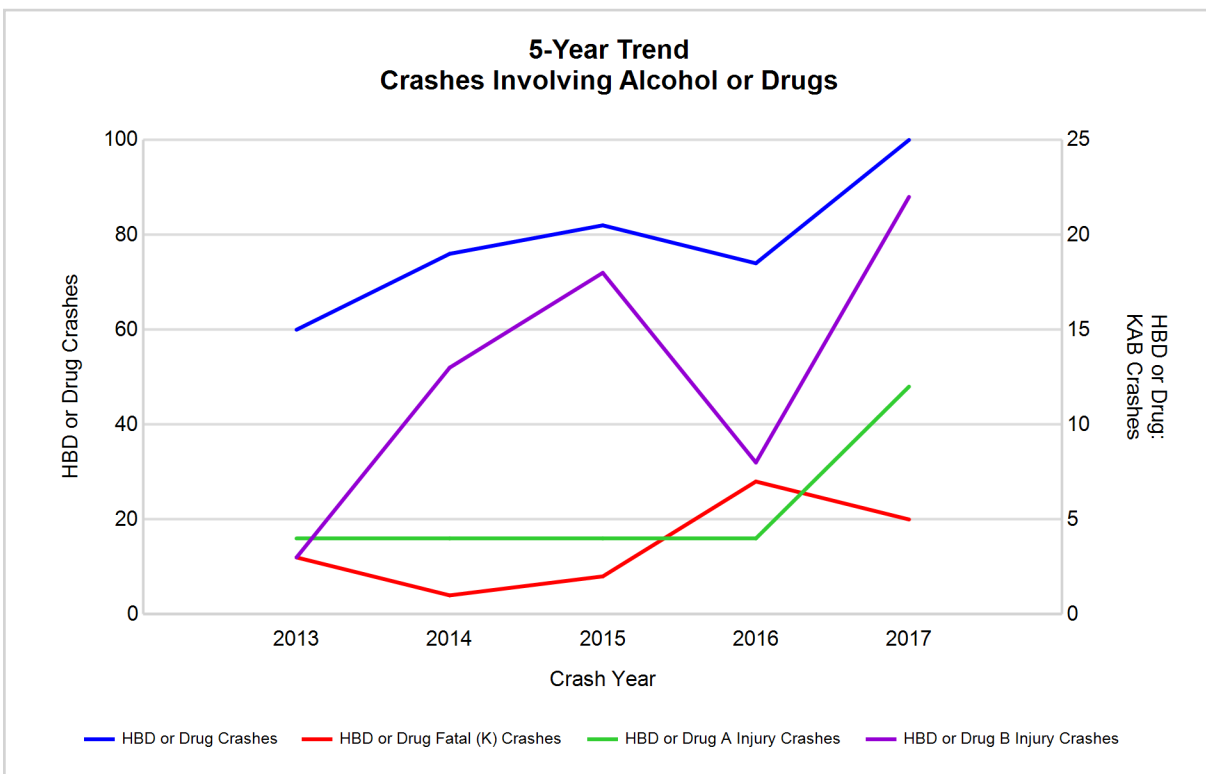
Note: Had-Been-Drinking (HBD)

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	2,286	2,184	95.5	4	3	75.0	25	20	80.0	75	58	77.3	138	132	95.7	2,004	1,971	98.4
Motor home	32	32	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	32	32	100.0
Pickup truck	911	886	97.3	0	0	0.0	7	6	85.7	23	20	87.0	33	31	93.9	834	828	99.3
Small truck under 10,000 lbs. GVWR	85	79	92.9	0	0	0.0	0	0	0.0	2	2	100.0	5	5	100.0	76	72	94.7
Motorcycle	29	19	65.5	1	1	100.0	7	5	71.4	9	6	66.7	2	1	50.0	10	6	60.0
Moped / goped	3	3	100.0	0	0	0.0	0	0	0.0	3	3	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	0	0	0.0	1	1	100.0	1	1	100.0	0	0	0.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	28	9	32.1	3	0	0.0	7	1	14.3	9	2	22.2	6	3	50.0	3	3	100.0
Other	11	6	54.5	1	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	8	6	75.0
Truck/bus over 10,000 lbs.	41	37	90.2	0	0	0.0	0	0	0.0	2	0	0.0	1	1	100.0	38	36	94.7
Unknown	28	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	3,456	3,257	94.2	9	4	44.4	46	32	69.6	125	92	73.6	186	174	93.5	3,005	2,954	98.3

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	26	18	69.2	0	0	0.0	2	1	50.0	8	2	25.0	11	11	100.0	5	4	80.0
16 - 20	344	332	96.5	0	0	0.0	6	4	66.7	16	11	68.8	31	29	93.5	291	288	99.0
21 - 24	249	232	93.2	0	0	0.0	6	4	66.7	19	11	57.9	16	14	87.5	208	203	97.6
25 - 64	2,169	2,097	96.7	7	2	28.6	23	16	69.6	65	52	80.0	93	87	93.5	1,978	1,940	98.1
65 +	589	578	98.1	2	2	100.0	9	7	77.8	17	16	94.1	35	33	94.3	523	519	99.2
Unknown	79	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	3,456	3,257	94.2	9	4	44.4	46	32	69.6	125	92	73.6	186	174	93.5	3,005	2,954	98.3

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	10	0	2	22	0	3	18	0	1	11	0	2	11	1	6
Shoulder belt only used	5	0	0	9	0	4	8	0	2	24	0	4	32	0	3
Lap belt only used	10	0	1	6	0	0	7	0	1	6	0	2	5	0	0
Both lap & shoulder belts used	2,982	1	189	2,762	4	172	2,743	1	194	2,907	2	195	3,123	3	206
No belts used	29	2	12	27	0	15	21	1	8	33	1	11	31	0	11
Child restraint used	0	0	0	1	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	1	0	0	0	0	0
Restraint use unknown	127	1	8	151	0	11	151	2	16	120	0	5	74	0	7
Helmet worn	36	0	24	33	0	24	28	0	22	31	1	21	26	1	18
Helmet not worn	10	2	6	9	0	7	12	0	10	12	3	6	14	1	10
Helmet use unknown	4	0	3	3	0	1	3	0	2	10	2	3	3	2	0
Uncoded & errors	33	0	0	33	0	0	20	0	0	13	0	0	40	0	0
Total	3,246	6	245	3,057	4	237	3,011	4	256	3,168	9	249	3,359	8	261

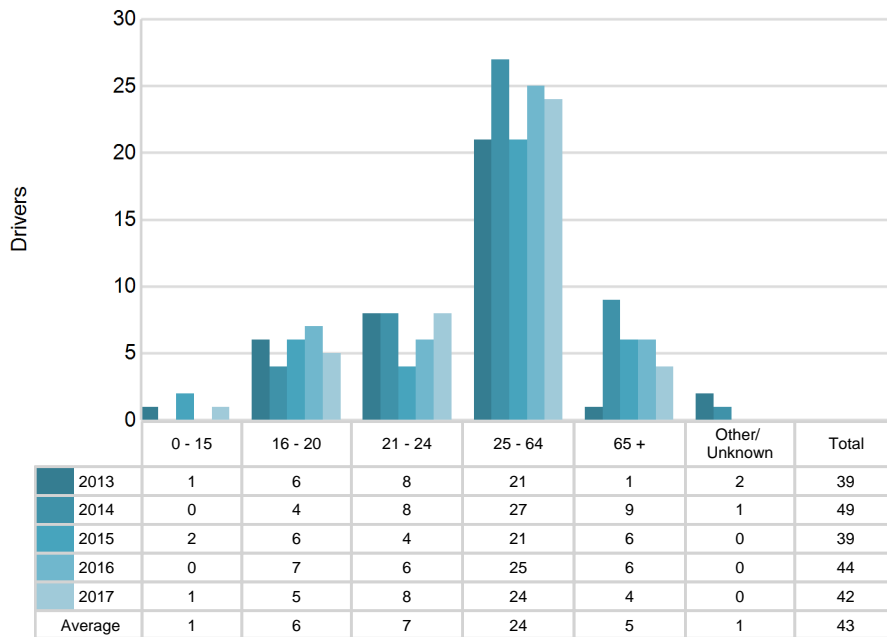## 5-Year Trend - Restraint Use Among Drivers Coded Drinking

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	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1
Lap belt only used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Both lap & shoulder belts used	33	0	6	53	1	13	45	0	18	43	1	12	65	0	20
No belts used	6	1	3	4	0	4	7	1	3	3	1	1	5	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	9	0	3	13	0	6	17	1	8	11	0	3	9	0	3
Helmet worn	1	0	1	0	0	0	1	0	1	4	0	3	1	0	1
Helmet not worn	3	0	2	3	0	3	2	0	2	3	2	0	3	1	1
Helmet use unknown	0	0	0	0	0	0	0	0	0	1	1	0	2	2	0
Uncoded & errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	52	1	15	73	1	26	72	2	32	65	5	19	88	3	31

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	1	0	0	0	0	0	2	0	0	0	0	0	1	0	0
16 - 20	6	0	3	4	0	2	6	0	1	7	0	3	5	0	3
21 - 24	8	1	3	8	0	4	4	0	1	6	0	2	8	0	6
25 - 64	21	1	8	27	0	9	21	0	5	25	1	6	24	1	6
65 +	1	0	0	9	0	3	6	1	2	6	0	2	4	0	2
Unknown	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Total	**39**	**2**	**14**	**49**	**0**	**18**	**39**	**1**	**9**	**44**	**1**	**13**	**42**	**1**	**17**

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

**5-Year Trend
Driver Seatbelt Not Used**

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2013	1	6	8	21	1	2	39
2014	0	4	8	27	9	1	49
2015	2	6	4	21	6	0	39
2016	0	7	6	25	6	0	44
2017	1	5	8	24	4	0	42
Average	1	6	7	24	5	1	43

MSP Post 74 - Alpena (continued)
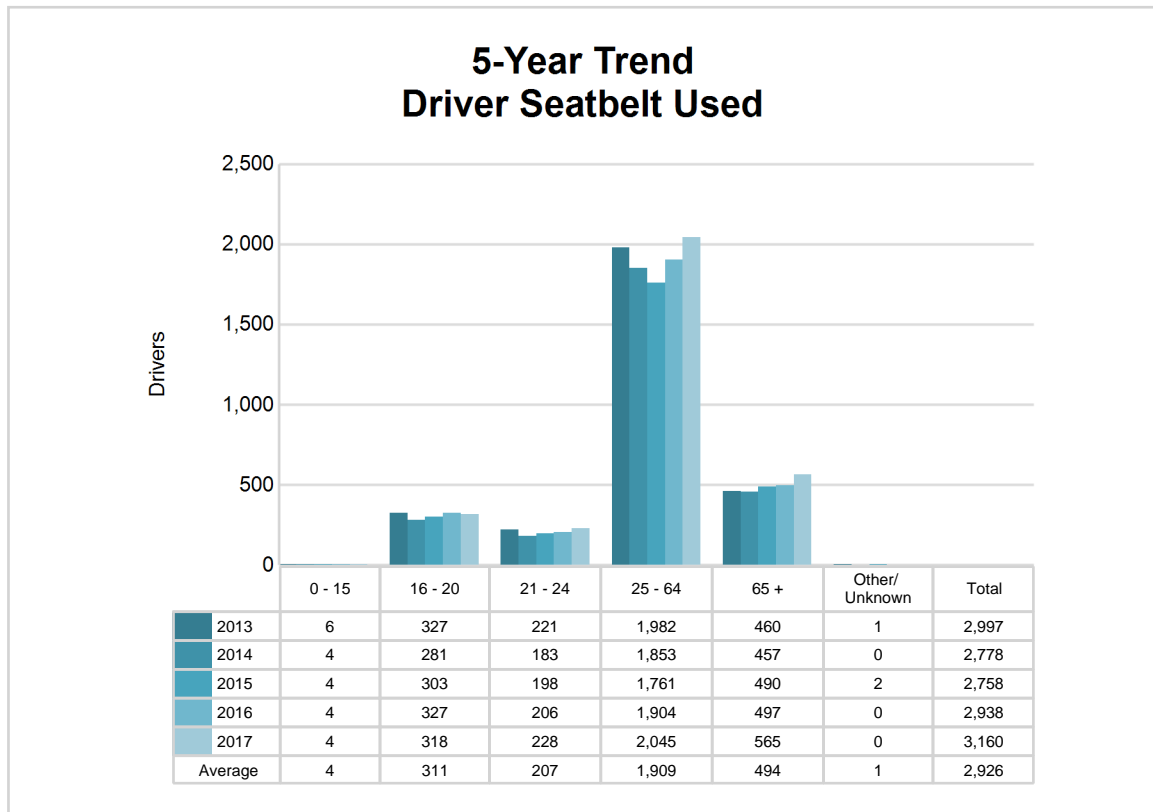
5-Year Trend - Seatbelt Used Among Drivers by Age

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	1	4	0	1	4	0	1	4	0	0	4	0	0
16 - 20	327	0	27	281	1	22	303	0	37	327	1	45	318	0	30
21 - 24	221	1	17	183	0	12	198	0	24	206	0	16	228	0	25
25 - 64	1,982	0	112	1,853	1	97	1,761	1	99	1,904	0	103	2,045	1	111
65 +	460	0	33	457	2	44	490	0	36	497	1	37	565	2	43
Unknown	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Total	**2,997**	**1**	**190**	**2,778**	**4**	**176**	**2,758**	**1**	**197**	**2,938**	**2**	**201**	**3,160**	**3**	**209**

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

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2013	6	327	221	1,982	460	1	2,997
2014	4	281	183	1,853	457	0	2,778
2015	4	303	198	1,761	490	2	2,758
2016	4	327	206	1,904	497	0	2,938
2017	4	318	228	2,045	565	0	3,160
Average	4	311	207	1,909	494	1	2,926

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	2,234	3	2,107	3	2,046	1	2,223	5	2,385	1
Speed too fast	327	3	285	2	247	3	289	3	315	3
Speed too slow	5	0	4	0	1	0	4	0	2	0
Failed to yield	169	0	148	0	176	0	150	1	149	0
Disregard traffic control	30	0	33	2	41	0	27	1	29	0
Drove wrong way	6	0	4	0	1	0	2	0	2	1
Drove left of center	12	0	7	0	13	0	9	0	8	0
Improper passing	6	0	7	0	15	0	6	0	12	0
Improper lane use	9	0	9	0	14	0	12	0	10	0
Improper turn	14	0	23	0	12	0	19	1	13	0
Improper/no signal	7	0	7	0	7	0	7	0	4	0
Improper backing	52	0	55	0	43	0	44	0	46	0
Unable to stop in assured clear distance	138	0	124	0	135	0	132	0	132	0
Other	68	1	93	0	91	1	92	2	89	1
Unknown	87	2	74	0	65	0	73	2	41	3
Reckless driving	4	0	4	0	13	0	11	0	12	0
Careless/negligent driving	66	0	66	0	84	1	64	0	70	0
Uncoded & errors	12	0	7	0	7	0	4	0	40	0
Total	**3,246**	**9**	**3,057**	**7**	**3,011**	**6**	**3,168**	**15**	**3,359**	**9**

MSP Post 74 - Alpena (continued)
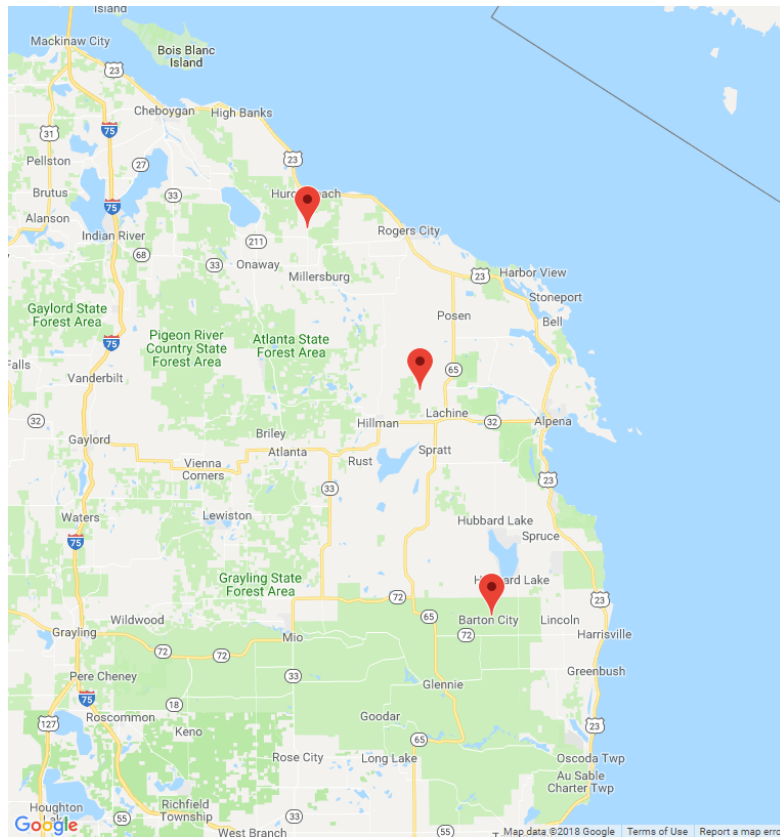
The picture above represents all 2017 alcohol-involved fatal crashes in Post 74.

In 2017, there were 88 alcohol-involved crashes in Post 74:

3	K - Fatal Crashes
9	A - Suspected Serious Injury Crashes
21	B - Suspected Minor Injury Crashes
7	C - Possible Injury Crashes
48	O - Property Damage Only/No Injury Crashes

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