MICHIGAN

OHSP

Office of Highway Safety Planning

2016

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
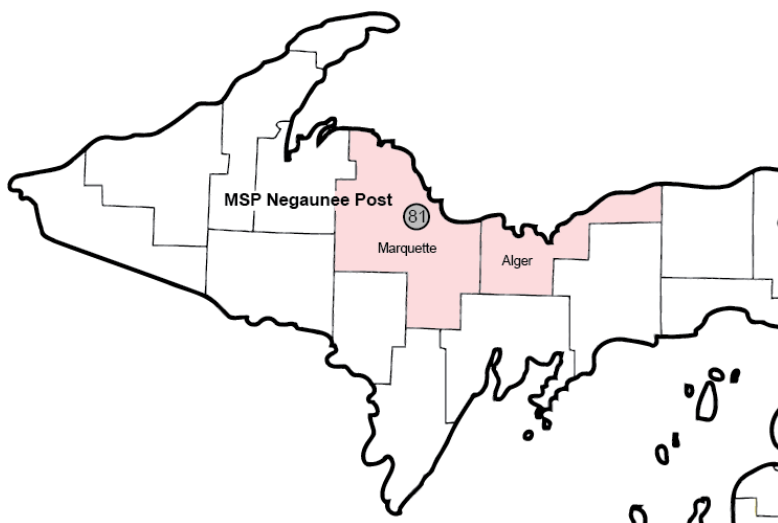B = Suspected Minor Injury
C = Possible Injury
O = No Injury
    Property Damage Only (PDO)

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Michigan State Police (MSP) Post 81 - Negaunee

2016 Traffic Crash Data & 2012-2016 5-Year Trends

Post 81 is comprised of Alger and Marquette counties. Trend tables for this report are based on those counties.

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 81 - Negaunee

- There were 1,984 crashes in Post 81 during 2016. [Page 1]
- There were seven fatalities in six fatal crashes in 2016 in Post 81. [Page 1]
- A total of 421 injuries resulted from 305 injury crashes. [Page 1]
- There were 1,673 property damage only crashes (no fatalities or injuries). [Page 1]
- January and December had the highest number of crashes (232). [Pages 1-2]
- January had the highest number of fatal crashes (3) and fatalities (4). [Pages 1-2]
- June and July had the highest number of injury crashes (38) and June had the highest number of injuries (60). [Page 1]
- December had the highest number of property damage only crashes (201). [Page 1]
- Wednesday was the day of the week with the highest number of crashes (303) and Wednesday and Sunday had the highest number of fatal crashes (2). [Pages 2-3]
- The 3:00 PM – 5:59 PM time period had the highest number of crashes (407). This is true for each year from 2012 to 2016. The 9:00 AM – 11:59 AM and noon – 2:59 PM time periods had the highest number of fatal crashes (2). [Pages 5-6]
- During the period from 2012 to 2016, the highest number of deer crashes occurred in 2012 (551). There were no fatal crashes involving deer in 2016. [Pages 7-8]
- Marquette County (85.9%) had the highest number of crashes in Post 81 in 2016, followed by Alger County (14.1%). [Page 8]
- Marquette County (71.4%) had the highest number of fatalities in Post 81 in 2016, followed by Clinton County (28.6%). [Page 8]
- The highest number of drivers in crashes (3,501) occurred during 2013 within the five-year period, and the highest number of drivers coded drinking in crashes (93) occurred during 2012. [Page 9]
- A total of 79 crashes involved alcohol in 2016. Both 2012 and 2013 had the highest number of alcohol-involved crashes during the five-year period, with 95 each year. [Page 10]
- Alcohol-involved fatal crashes were the highest in 2012 during the five-year period from 2012 to 2016 at 6. [Page 10]
- A total of 27 crashes involved drugs in 2016, which was the highest number for the five-year period. Two fatal crashes involved drugs in 2016. [Page 11]
- There were 2,647 drivers wearing seatbelts and 28 drivers not wearing seatbelts in crashes in 2016. Of the 28 drivers not wearing seat belts, 1 (3.6%) was killed and seven (25.0%) were injured. [Pages 14-16]
  The most common hazardous action coded for drivers in 2016 in all crashes (320) and fatal crashes (3) was speed too fast. [Page 17]

MSP Post 81 - Negaunee

Post 81 Experience

In 2016:

There were 3,085 drivers involved in 1,984 motor vehicle crashes in MSP Post 81. Of those crashes, 6 were classified as fatal, resulting in 7 fatalities. An additional 421 persons were injured.

Post 81 experienced the highest number of motor vehicle crashes (232) in December, January, the highest number of fatal crashes (3) and the highest number of persons killed (4) in January.

Michigan driver statistics indicate 5.9 percent of licensed drivers in Post 81 were age 16-20, and 12.8 percent of drivers in crashes were also in that age group.

2016 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	232	3	35	194	4	45
February	211	2	22	187	2	33
March	120	0	14	106	0	19
April	134	0	26	108	0	33
May	104	0	13	91	0	18
June	159	0	38	121	0	60
July	157	1	38	118	1	56
August	145	0	19	126	0	24
September	131	0	21	110	0	26
October	144	0	24	120	0	35
November	215	0	24	191	0	32
December	232	0	31	201	0	40
Total	**1,984**	**6**	**305**	**1,673**	**7**	**421**

2016 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2016 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	11,836	359	8	6.8	222.8
16 - 20	5,903	3,266	396	670.8	1,212.5
21 - 24	6,313	3,605	328	519.6	909.8
25 - 64	37,359	34,891	1,703	455.8	488.1
65 +	14,243	12,774	380	266.8	297.5
Unknown	0	0	270	- -	- -
Total	**75,654**	**54,895**	**3,085**	**407.8**	**562.0**

2016 - 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	2,253	73.0	4	50.0	375	1,874
Motor home	30	1.0	0	0.0	4	26
Pickup truck	581	18.8	1	12.5	94	486
Small truck under 10,000 lbs. GVWR	38	1.2	0	0.0	6	32
Motorcycle	22	0.7	0	0.0	16	6
Moped / goped	2	0.1	0	0.0	2	0
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	11	0.4	3	37.5	5	3
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	11	0.4	0	0.0	10	1
Other	16	0.5	0	0.0	2	14
Truck/bus over 10,000 lbs.	54	1.8	0	0.0	6	48
Unknown	67	2.2	0	0.0	3	64
Total	**3,085**	**100.0**	**8**	**100.0**	**523**	**2,554**

5-Year Trend - Crashes by Month

Month	2012 Total Crashes	2012 Fatal Crashes	2013 Total Crashes	2013 Fatal Crashes	2014 Total Crashes	2014 Fatal Crashes	2015 Total Crashes	2015 Fatal Crashes	2016 Total Crashes	2016 Fatal Crashes
January	202	0	254	0	300	0	258	0	232	3
February	163	1	216	0	224	0	324	0	211	2
March	116	1	159	0	175	0	130	0	120	0
April	118	0	124	0	120	0	131	1	134	0
May	132	0	147	0	110	0	108	0	104	0
June	149	1	169	2	148	1	138	0	159	0
July	175	2	167	1	149	0	132	1	157	1
August	148	1	140	1	137	2	145	1	145	0
September	181	0	164	1	122	0	127	0	131	0
October	213	2	180	1	163	1	168	0	144	0
November	250	0	263	0	246	0	185	1	215	0
December	208	2	258	2	208	1	174	0	232	0
Total	**2,055**	**10**	**2,241**	**8**	**2,102**	**5**	**2,020**	**4**	**1,984**	**6**

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	2012 Total Crashes	2012 Fatal Crashes	2013 Total Crashes	2013 Fatal Crashes	2014 Total Crashes	2014 Fatal Crashes	2015 Total Crashes	2015 Fatal Crashes	2016 Total Crashes	2016 Fatal Crashes
Monday	306	0	329	1	280	0	268	0	300	1
Tuesday	297	1	331	2	291	0	281	1	265	0
Wednesday	258	4	333	3	318	0	305	0	303	2
Thursday	305	0	364	1	320	1	347	1	299	1
Friday	373	1	377	0	383	1	334	1	287	0
Saturday	256	3	294	0	276	3	283	0	291	0
Sunday	260	1	213	1	234	0	202	1	239	2
Total	**2,055**	**10**	**2,241**	**8**	**2,102**	**5**	**2,020**	**4**	**1,984**	**6**

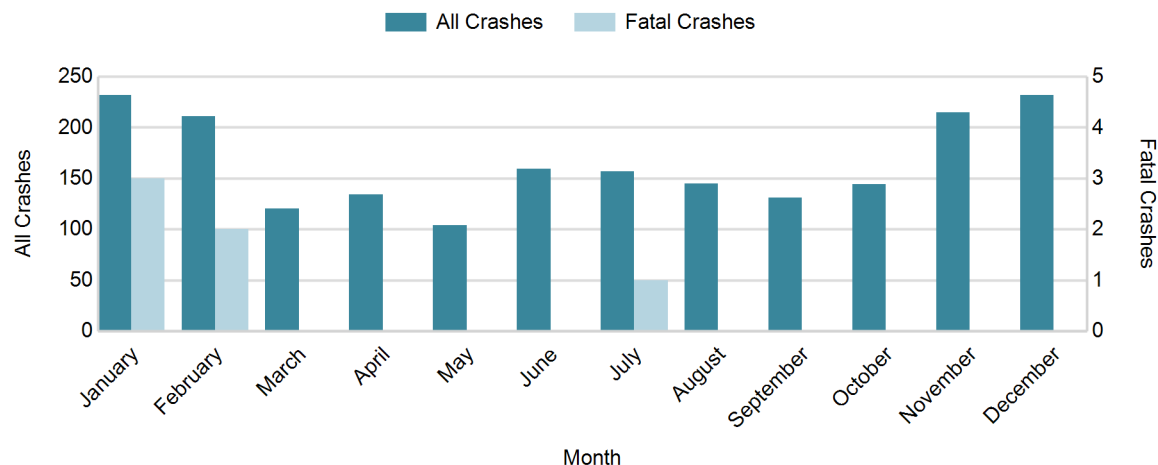Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred on the same day of the week

2016 Crashes by Month

Legend: All Crashes, Fatal Crashes

2016 - 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	300	15.1	1	16.7	8	9	29	253
Tuesday	265	13.4	0	0.0	6	11	23	225
Wednesday	303	15.3	2	33.3	5	9	32	255
Thursday	299	15.1	1	16.7	6	9	20	263
Friday	287	14.5	0	0.0	5	15	30	237
Saturday	291	14.7	0	0.0	5	12	28	246
Sunday	239	12.0	2	33.3	5	14	24	194
Total	1,984	100.0	6	100.0	40	79	186	1,673

2016 Day of Week and Severity
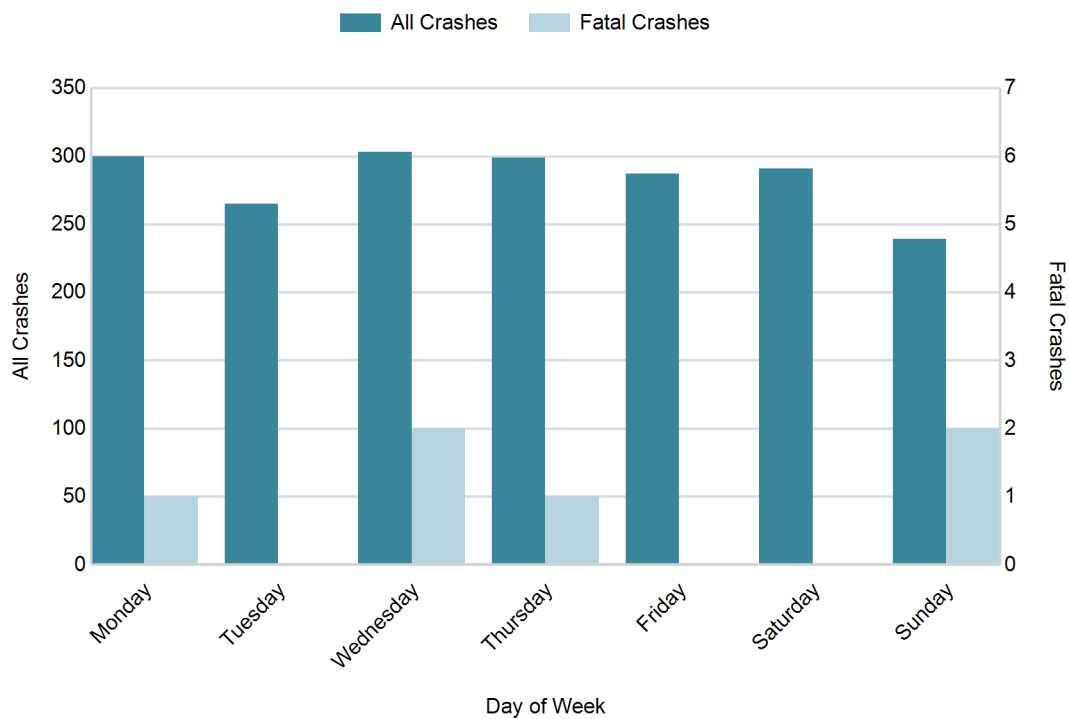
MSP Post 81 - Negaunee (continued)

5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	1,539	6	1,734	7	1,592	2	1,535	3	1,454	4
Weekend	516	4	507	1	510	3	485	1	530	2
Total	**2,055**	**10**	**2,241**	**8**	**2,102**	**5**	**2,020**	**4**	**1,984**	**6**

5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)
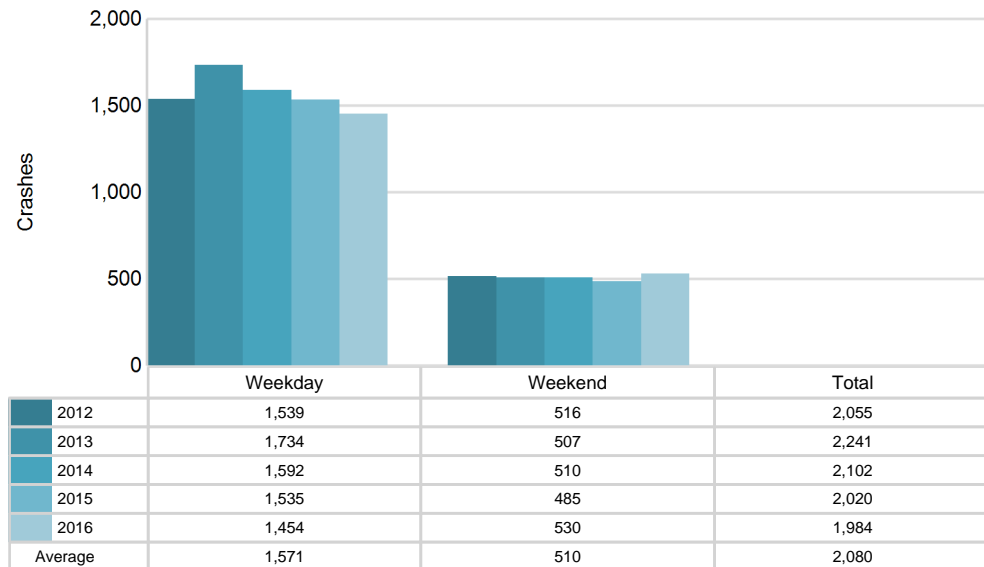
	Weekday	Weekend	Total
2012	1,539	516	2,055
2013	1,734	507	2,241
2014	1,592	510	2,102
2015	1,535	485	2,020
2016	1,454	530	1,984
Average	1,571	510	2,080

5-Year Trend - Crashes by Time of Day

Time of Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	93	0	116	1	90	1	69	0	89	0
3:00 AM - 5:59 AM	98	1	70	2	77	0	54	0	89	0
6:00 AM - 8:59 AM	269	2	248	0	214	0	240	0	236	0
9:00 AM - 11:59 AM	268	2	358	0	305	1	302	1	263	2
Noon - 2:59 PM	345	2	415	3	430	1	407	1	403	2
3:00 PM - 5:59 PM	412 †	0	476 †	1	463 †	1	444 †	0	407 †	1
6:00 PM - 8:59 PM	325	2	330	0	288	1	312	1	294	1
9:00 PM - 11:59 PM	229	1	221	1	225	0	174	1	192	0
Unknown	16	0	7	0	10	0	18	0	11	0
Total	**2,055**	**10**	**2,241**	**8**	**2,102**	**5**	**2,020**	**4**	**1,984**	**6**

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
2012	93	98	269	268	345	412	325	229	16	2,055
2013	116	70	248	358	415	476	330	221	7	2,241
2014	90	77	214	305	430	463	288	225	10	2,102
2015	69	54	240	302	407	444	312	174	18	2,020
2016	89	89	236	263	403	407	294	192	11	1,984
Average	91	78	241	299	400	440	310	208	12	2,080

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
2012	0	1	2	2	2	0	2	1	0	10
2013	1	2	0	0	3	1	0	1	0	8
2014	1	0	0	1	1	1	1	0	0	5
2015	0	0	0	1	1	0	1	1	0	4
2016	0	0	0	2	2	1	1	0	0	6
Average	0	1	0	1	2	1	1	1	0	7

MSP Post 81 - Negaunee (continued)

2016 - 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	4.5	0	0.0	3	7	8	71
3:00 AM - 5:59 AM	89	4.5	0	0.0	0	4	13	72
6:00 AM - 8:59 AM	236	11.9	0	0.0	3	11	16	206
9:00 AM - 11:59 AM	263	13.3	2	33.3	5	7	30	219
Noon - 2:59 PM	403	20.3	2	33.3	9	12	43	337
3:00 PM - 5:59 PM	407	20.5	1	16.7	8	15	48	335
6:00 PM - 8:59 PM	294	14.8	1	16.7	8	16	18	251
9:00 PM - 11:59 PM	192	9.7	0	0.0	4	7	10	171
Unknown	11	0.6	0	0.0	0	0	0	11
Total	**1,984**	**100.0**	**6**	**100.0**	**40**	**79**	**186**	**1,673**

2016 Time and Severity

MSP Post 81 - Negaunee (continued)

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

Time of Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	32	0	36	0	27	0	15	0	26	0
3:00 AM - 5:59 AM	58	0	34	0	32	0	16	0	35	0
6:00 AM - 8:59 AM	123	0	90	0	50	0	75	0	81	0
9:00 AM - 11:59 AM	37	0	43	0	32	0	22	0	31	0
Noon - 2:59 PM	26	0	39	0	20	0	32	0	38	0
3:00 PM - 5:59 PM	42	0	44	0	25	0	34	0	28	0
6:00 PM - 8:59 PM	110	0	117	0	61	0	96	0	87	0
9:00 PM - 11:59 PM	123	0	94	0	85	0	82	0	84	0
Unknown	0	0	0	0	0	0	1	0	2	0
Total	**551**	**0**	**497**	**0**	**332**	**0**	**373**	**0**	**412**	**0**

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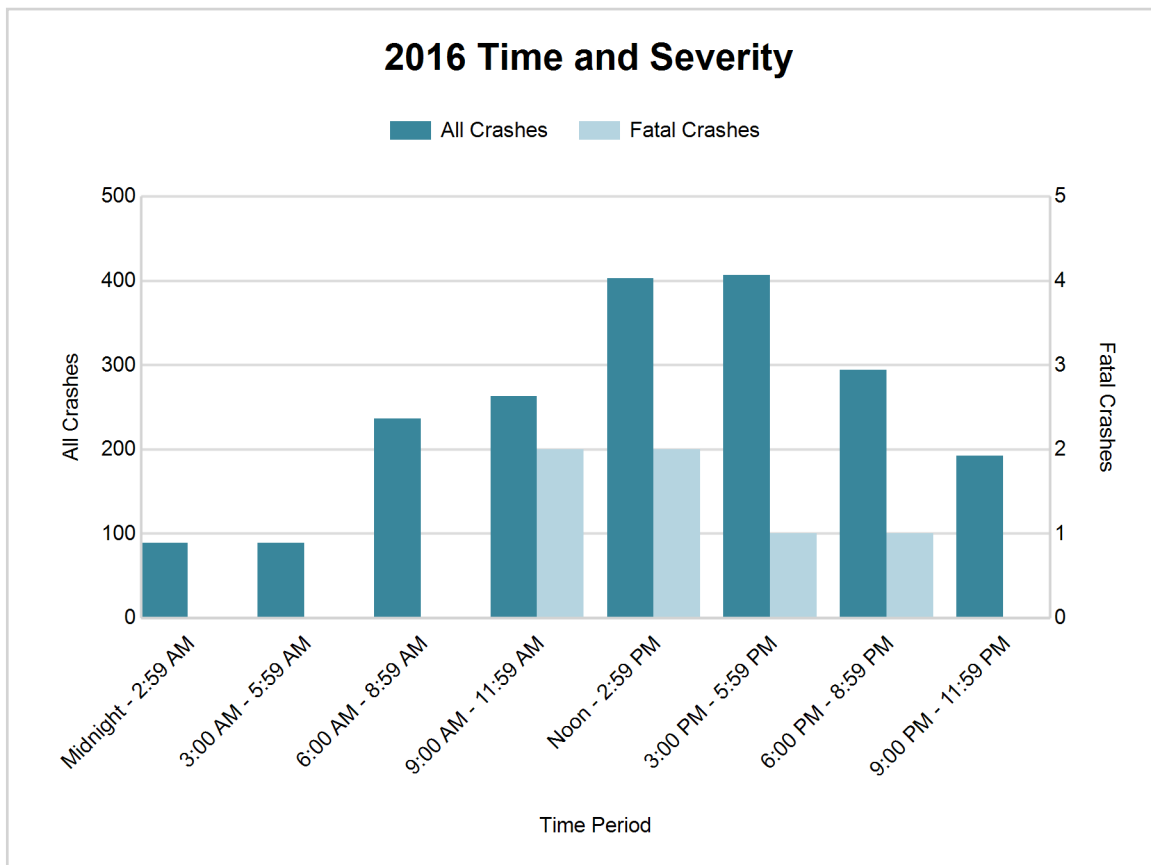

5-Year Trend
Deer-Involved Crashes by Time of Day

	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
2012	32	58	123	37	26	42	110	123	0	551
2013	36	34	90	43	39	44	117	94	0	497
2014	27	32	50	32	20	25	61	85	0	332
2015	15	16	75	22	32	34	96	82	1	373
2016	26	35	81	31	38	28	87	84	2	412
Average	27	35	84	33	31	35	94	94	1	433

2016 Time and Severity of Deer-Involved Crashes

There were no fatal deer-involved crashes in Post 81 in 2016
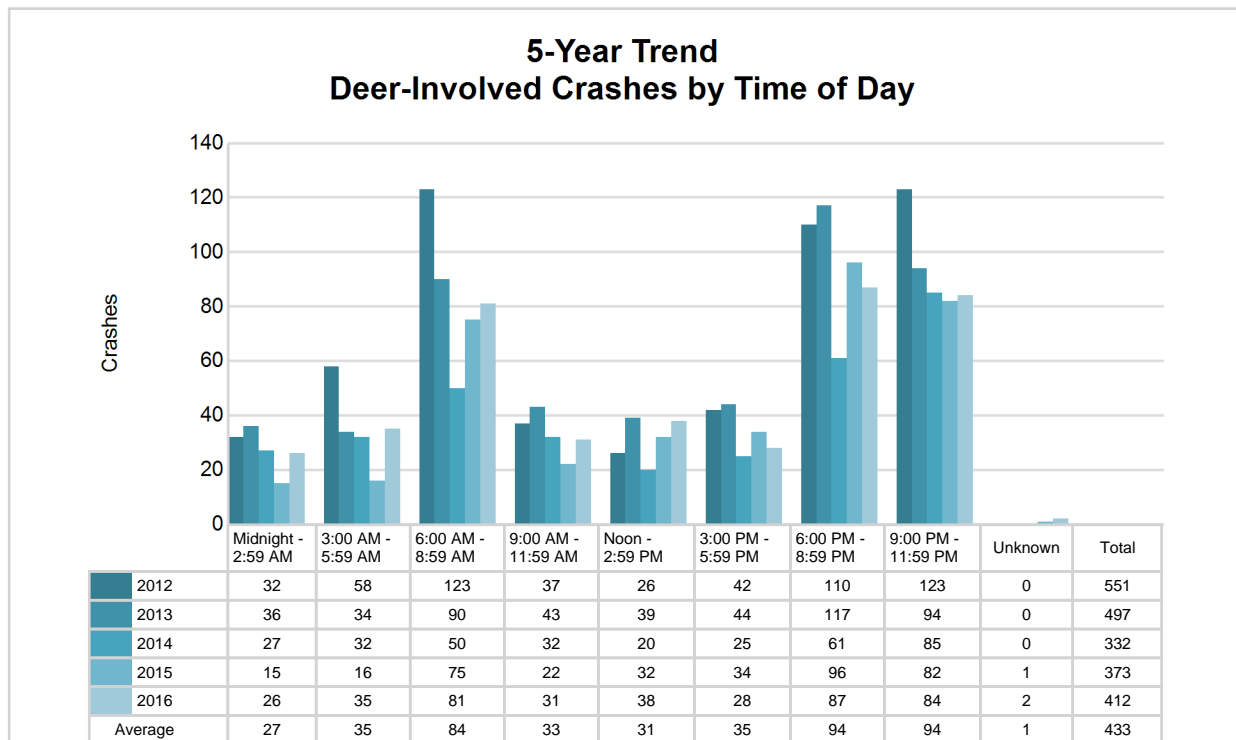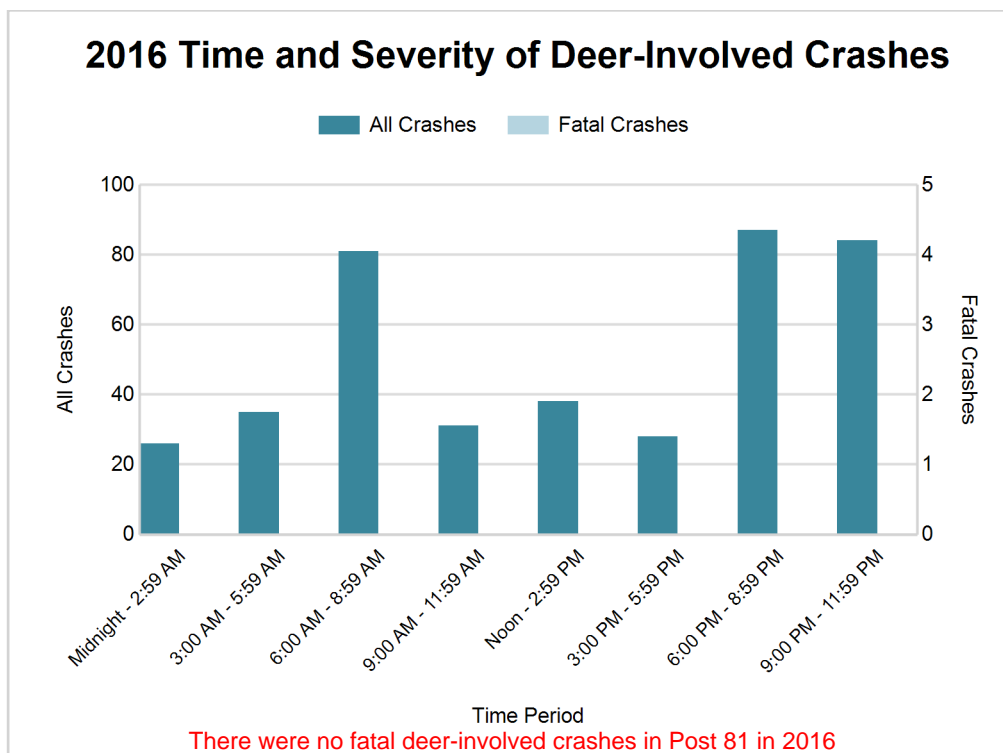
2016 - Reported Motor Vehicle Crashes by County

County	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Alger	280	2	44	234	0	34	143	101	12	5	98	2	64
Marquette	1,704	4	261	1,439	0	519	260	914	67	22	314	5	357
Total	**1,984**	**6**	**305**	**1,673**	**0**	**553**	**403**	**1,015**	**79**	**27**	**412**	**7**	**421**

MSP Post 81 - Negaunee (continued)

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

Driver Age	2012		2013		2014		2015		2016	
	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	4	0	8	0	8	0	8	0	8	0
16 - 20	373	8	402	10	407	3	398	10	396	8
21 - 24	325	18	368	19	317	11	312	12	328	15
25 - 64	1,760	64	1,976	59	1,892	60	1,842	49	1,703	54
65 +	347	2	417	4	422	6	374	3	380	3
Unknown	296	1	330	0	352	0	281	0	270	0
Total	**3,105**	**93**	**3,501**	**92**	**3,398**	**80**	**3,215**	**74**	**3,085**	**80**

5-Year Trend
Total Drivers in Crashes by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2012	4	373	325	1,760	347	296	3,105
2013	8	402	368	1,976	417	330	3,501
2014	8	407	317	1,892	422	352	3,398
2015	8	398	312	1,842	374	281	3,215
2016	8	396	328	1,703	380	270	3,085
Average	7	395	330	1,835	388	306	3,261

5-Year Trend
Total Drivers Coded Drinking by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2012	0	8	18	64	2	1	93
2013	0	10	19	59	4	0	92
2014	0	3	11	60	6	0	80
2015	0	10	12	49	3	0	74
2016	0	8	15	54	3	0	80
Average	0	8	15	57	4	0	84
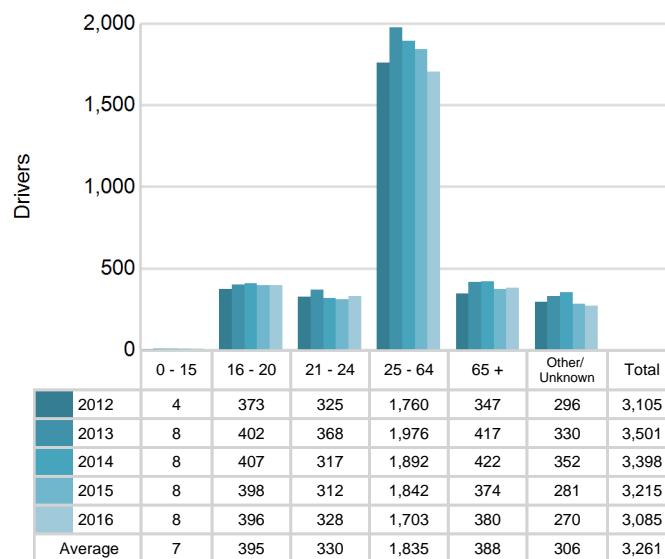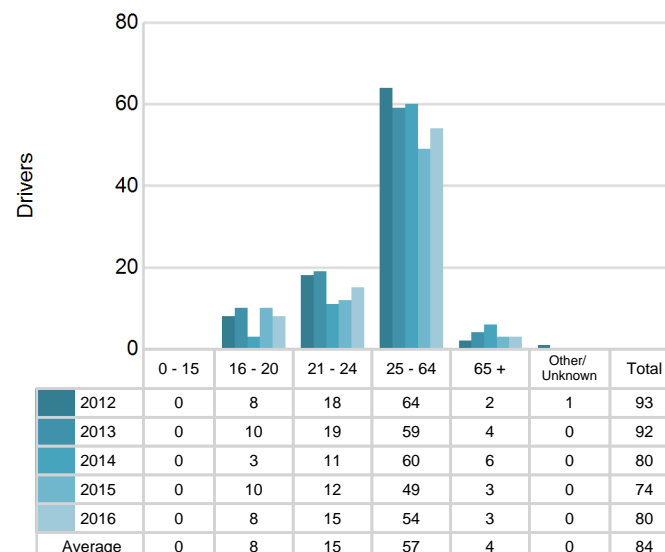
MSP Post 81 - Negaunee (continued)

**2016 - 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	12	9	7	8	0	1	2	3	2
21 - 24	17	16	11	15	0	2	1	6	6
25 - 64	66	51	36	54	0	8	10	13	23
65 +	6	4	3	3	0	1	1	1	0
Unknown	12	0	0	0	0	0	0	0	0
Total	**113**	**80**	**57**	**80**	**0**	**12**	**14**	**23**	**31**

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 2016, there were 113 drivers in alcohol-involved crashes; 80 (70.8%) of those drivers were coded as had-been-drinking by the officer on the crash form.
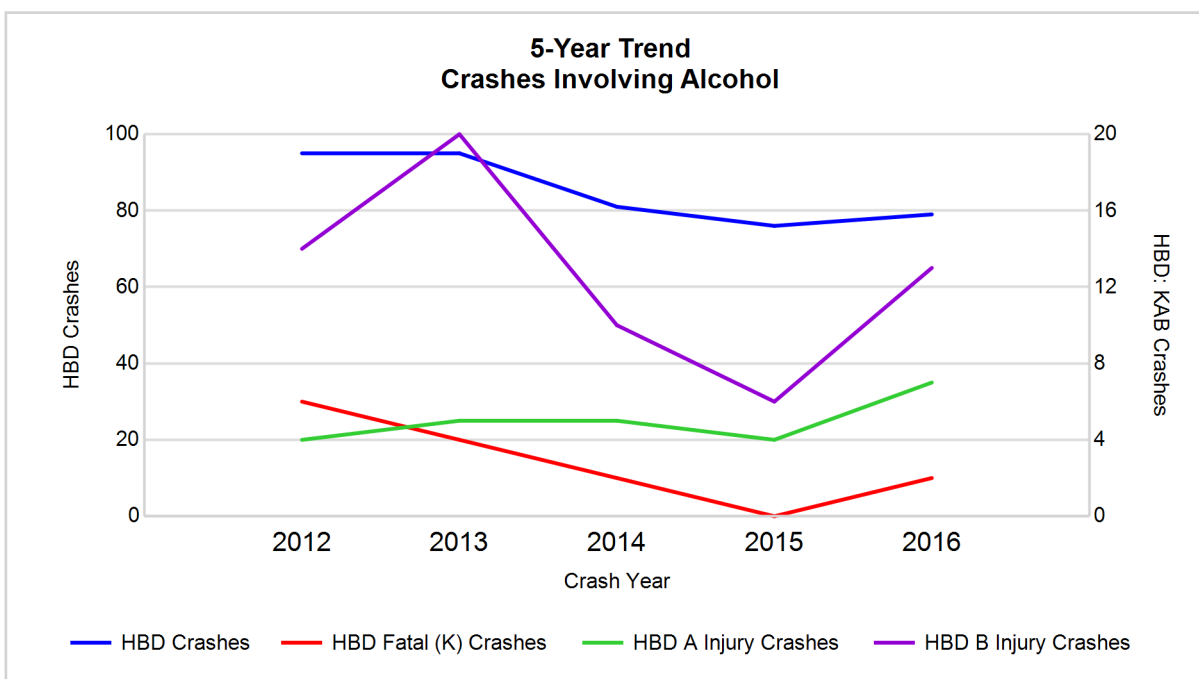
- 37 (46.3%) of the 80 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 23 (62.2%) of the 37 drivers had a BAC at or above 0.17 g/dL.

- 57 (71.3%) of the 80 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
2012	2,055	95	4.6	10	6	60.0	32	4	12.5	84	14	16.7
2013	2,241	95	4.2	8	4	50.0	37	5	13.5	78	20	25.6
2014	2,102	81	3.9	5	2	40.0	31	5	16.1	81	10	12.3
2015	2,020	76	3.8	4	0	0.0	32	4	12.5	76	6	7.9
2016	1,984*	79	4.0	6	2	33.3	40**	7**	17.5**	79	13	16.5

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**

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

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
2012	2,055	25	1.2	10	1	10.0	32	1	3.1	84	5	6.0
2013	2,241	21	0.9	8	3	37.5	37	1	2.7	78	2	2.6
2014	2,102	22	1.0	5	2	40.0	31	1	3.2	81	2	2.5
2015	2,020	18	0.9	4	0	0.0	32	2	6.3	76	3	3.9
2016	1,984*	27**	1.4**	6	2	33.3	40**	1	2.5*	79	3	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
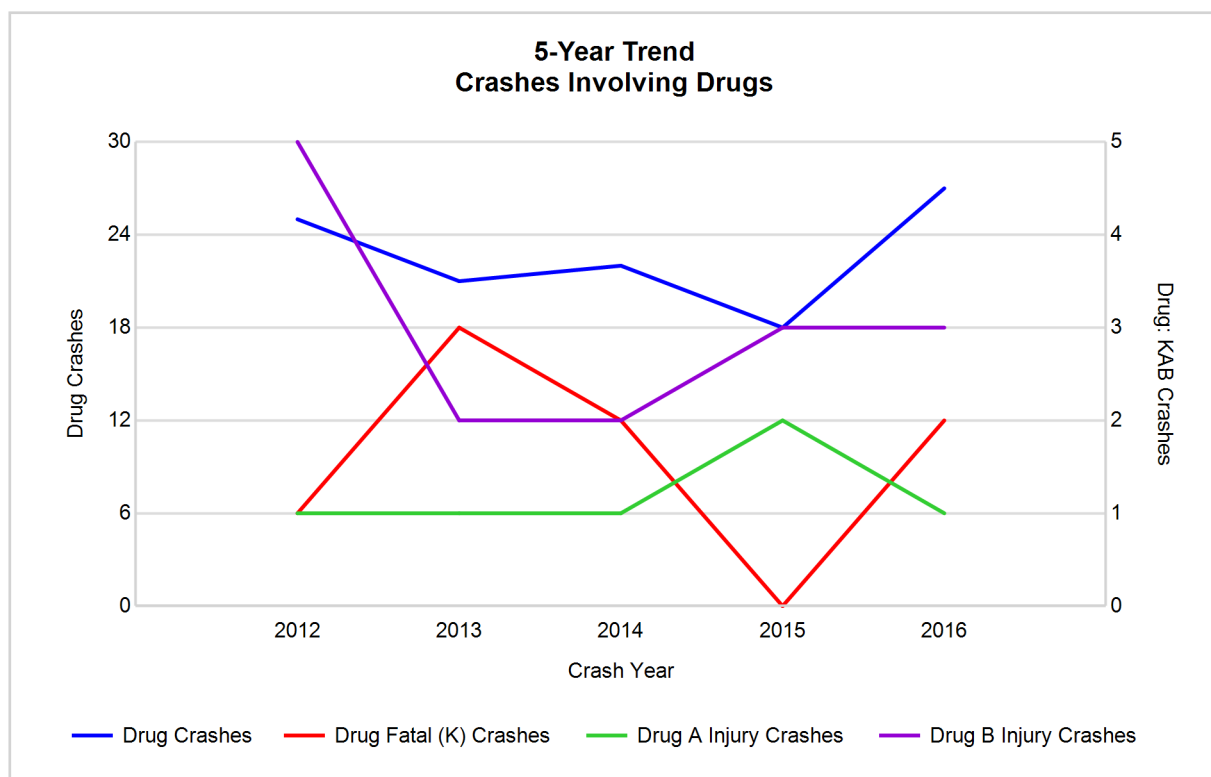

5-Year Trend
Crashes Involving Drugs

MSP Post 81 - Negaunee (continued)

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
2012	2,055	107	5.2	10	7	70.0	32	5	15.6	84	17	20.2
2013	2,241	104	4.6	8	5	62.5	37	5	13.5	78	21	26.9
2014	2,102	93	4.4	5	3	60.0	31	6	19.4	81	11	13.6
2015	2,020	87	4.3	4	0	0.0	32	5	15.6	76	9	11.8
2016	1,984*	90	4.5	6	3	50.0	40**	8**	20.0**	79	13	16.5

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
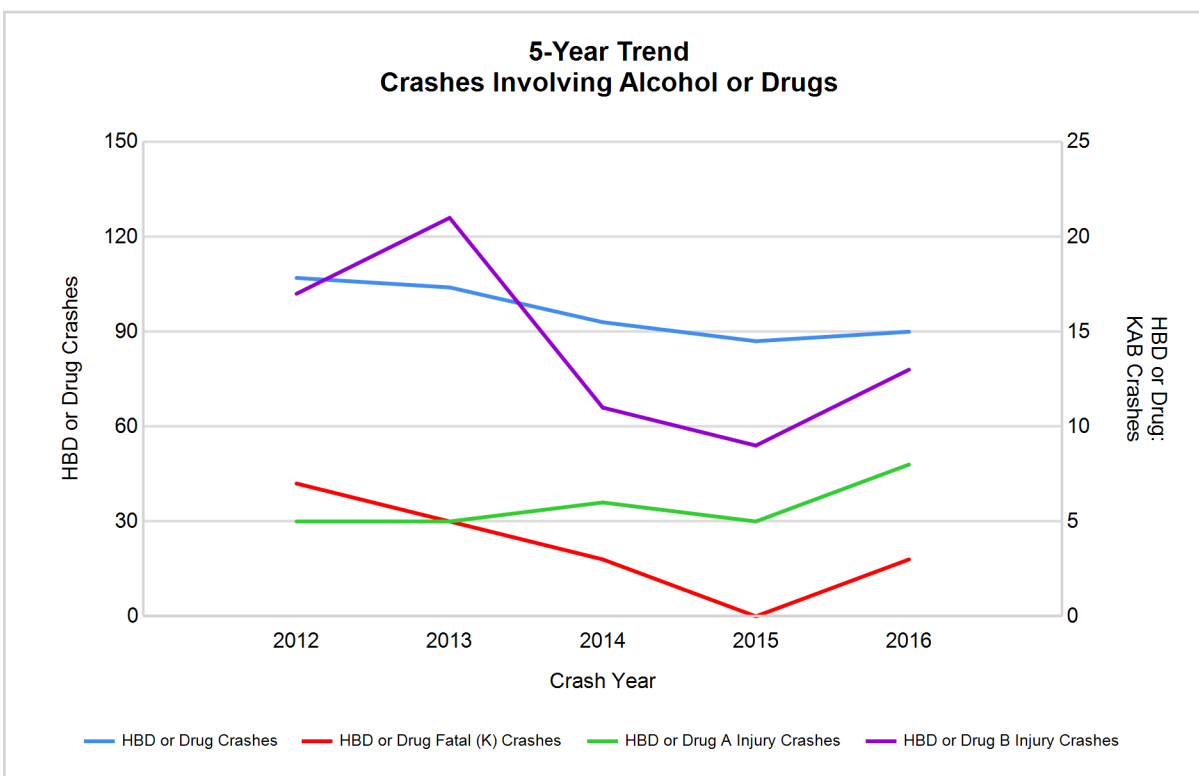

5-Year Trend
Crashes Involving Alcohol or Drugs

Note: Had-Been-Drinking (HBD)

2016 - 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	2,332	2,095	89.8	3	2	66.7	28	21	75.0	67	61	91.0	210	203	96.7	1,882	1,808	96.1
Motor home	32	29	90.6	0	0	0.0	0	0	0.0	0	0	0.0	4	4	100.0	26	25	96.2
Pickup truck	597	518	86.8	0	0	0.0	6	4	66.7	17	16	94.1	36	34	94.4	492	464	94.3
Small truck under 10,000 lbs. GVWR	40	36	90.0	0	0	0.0	0	0	0.0	2	2	100.0	2	2	100.0	34	32	94.1
Motorcycle	26	16	61.5	0	0	0.0	6	4	66.7	11	6	54.5	3	3	100.0	5	3	60.0
Moped / goped	2	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	1	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	11	9	81.8	3	3	100.0	2	1	50.0	1	1	100.0	1	1	100.0	4	3	75.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	13	4	30.8	0	0	0.0	2	1	50.0	4	1	25.0	4	2	50.0	3	0	0.0
Other	16	11	68.8	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	13	11	84.6
Truck/bus over 10,000 lbs.	54	50	92.6	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	53	50	94.3
Unknown	67	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	3,190	2,768	86.8	6	5	83.3	44	31	70.5	103	87	84.5	261	249	95.4	2,512	2,396	95.4

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.

2016 - 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	27	26	96.3	0	0	0.0	0	0	0.0	5	5	100.0	17	16	94.1	5	5	100.0
16 - 20	411	393	95.6	0	0	0.0	3	1	33.3	14	12	85.7	33	31	93.9	361	349	96.7
21 - 24	342	322	94.2	0	0	0.0	5	3	60.0	15	13	86.7	32	31	96.9	290	275	94.8
25 - 64	1,743	1,650	94.7	4	4	100.0	27	21	77.8	56	44	78.6	144	138	95.8	1,506	1,443	95.8
65 +	397	377	95.0	2	1	50.0	9	6	66.7	13	13	100.0	35	33	94.3	338	324	95.9
Unknown	270	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	12	0	0.0
Total	3,190	2,768	86.8	6	5	83.3	44	31	70.5	103	87	84.5	261	249	95.4	2,512	2,396	95.4

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	2012			2013			2014			2015			2016		
	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	63	0	10	45	0	4	21	0	4	25	0	2	9	0	1
Shoulder belt only used	2	0	1	2	0	0	2	0	1	2	0	2	20	0	3
Lap belt only used	10	0	2	15	0	0	9	0	1	7	0	1	7	0	3
Both lap & shoulder belts used	2,581	2	235	2,950	5	264	2,854	2	294	2,785	1	267	2,618	1	250
No belts used	26	1	11	21	1	9	24	0	4	17	3	6	19	1	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	0	0	0	2	0	0	2	0	0	1	0	0	2	0	0
Restraint use unknown	73	0	8	76	0	3	79	0	7	53	0	6	243	0	11
Helmet worn	52	0	34	42	1	26	42	0	27	26	0	18	26	3	17
Helmet not worn	8	2	4	10	0	9	11	1	9	8	0	6	15	0	11
Helmet use unknown	0	0	0	4	0	3	3	0	0	3	0	2	4	0	2
Uncoded & errors	290	0	0	334	0	0	351	0	1	288	0	0	122	0	0
Total	**3,105**	**5**	**305**	**3,501**	**7**	**318**	**3,398**	**3**	**348**	**3,215**	**4**	**310**	**3,085**	**5**	**304**

5-Year Trend - Restraint Use Among Drivers Coded Drinking

Restraint Use	2012			2013			2014			2015			2016		
	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	5	0	1	0	0	0	0	0	0	1	0	0	0	0	0
Shoulder belt only used	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Lap belt only used	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Both lap & shoulder belts used	67	1	18	71	2	16	52	0	12	58	0	13	53	1	17
No belts used	5	1	3	4	0	3	6	0	2	0	0	0	6	1	2
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	12	0	3	10	0	1	16	0	3	12	0	1	16	0	7
Helmet worn	2	0	2	2	1	0	3	0	1	2	0	2	2	0	2
Helmet not worn	0	0	0	4	0	4	3	0	3	1	0	1	1	0	1
Helmet use unknown	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Uncoded & errors	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Total	**93**	**2**	**28**	**92**	**3**	**24**	**80**	**0**	**21**	**74**	**0**	**17**	**80**	**2**	**30**

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

Age Group	2012			2013			2014			2015			2016		
	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	1	0	1	0	0	0
16 - 20	15	0	4	13	0	3	9	0	1	6	0	2	4	0	2
21 - 24	7	0	2	7	0	1	1	0	1	1	0	0	2	0	0
25 - 64	52	1	13	42	1	7	25	0	4	28	2	4	18	0	4
65 +	13	0	2	4	0	2	10	0	2	6	1	1	3	1	1
Unknown	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Total	**89**	**1**	**21**	**66**	**1**	**13**	**45**	**0**	**8**	**42**	**3**	**8**	**28**	**1**	**7**

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
2012	0	15	7	52	13	2	89
2013	0	13	7	42	4	0	66
2014	0	9	1	25	10	0	45
2015	1	6	1	28	6	0	42
2016	0	4	2	18	3	1	28
Average	0	9	4	33	7	1	54

MSP Post 81 - Negaunee (continued)
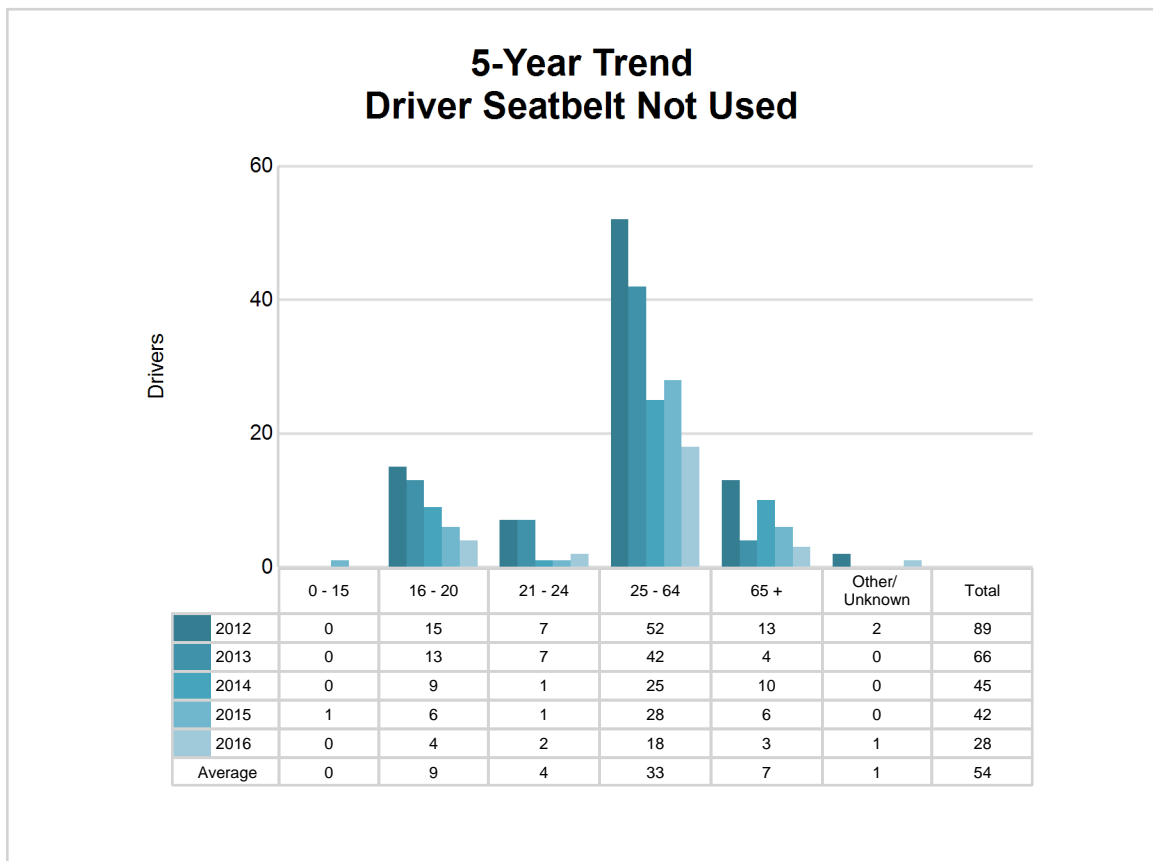
5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2012			2013			2014			2015			2016		
	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	7	0	0	6	0	0	6	0	3	5	0	1
16 - 20	349	0	36	372	3	29	384	1	28	377	0	32	378	0	29
21 - 24	304	0	24	344	0	27	305	0	34	297	0	26	307	0	32
25 - 64	1,616	2	151	1,848	0	168	1,774	1	190	1,759	1	174	1,598	1	159
65 +	320	0	27	398	2	40	398	0	44	356	0	35	359	0	35
Unknown	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**2,593**	**2**	**238**	**2,969**	**5**	**264**	**2,867**	**2**	**296**	**2,795**	**1**	**270**	**2,647**	**1**	**256**

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
2012	3	349	304	1,616	320	1	2,593
2013	7	372	344	1,848	398	0	2,969
2014	6	384	305	1,774	398	0	2,867
2015	6	377	297	1,759	356	0	2,795
2016	5	378	307	1,598	359	0	2,647
Average	5	372	311	1,719	366	0	2,774

MSP Post 81 - Negaunee (continued)
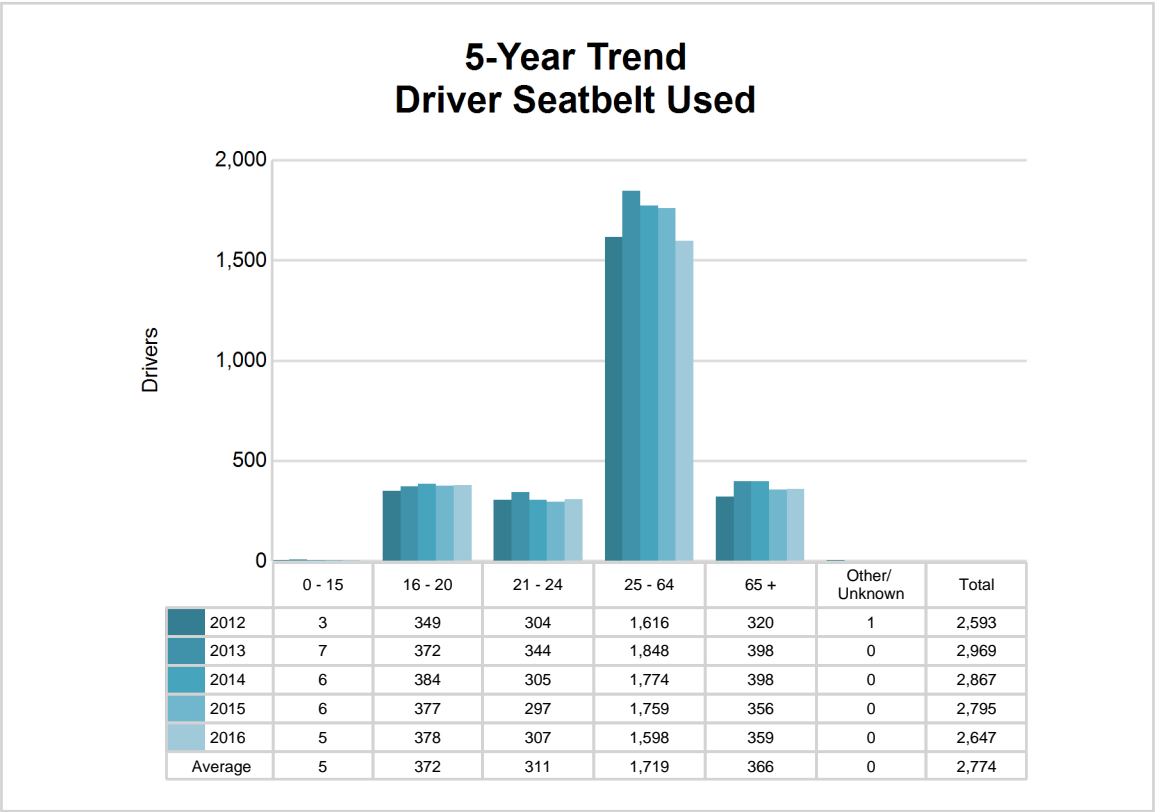
5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2012		2013		2014		2015		2016	
	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	1,748	5	1,926	2	1,807	4	1,741	3	1,620	3
Speed too fast	279	0	364	3	368	1	335	0	320	3
Speed too slow	7	0	2	0	3	0	3	0	1	0
Failed to yield	259	1	299	0	314	3	303	2	269	1
Disregard traffic control	38	0	48	0	47	0	57	0	37	1
Drove wrong way	2	0	3	0	2	0	6	0	1	0
Drove left of center	19	1	26	2	20	0	22	0	18	0
Improper passing	5	0	10	0	11	0	11	0	9	0
Improper lane use	29	0	36	0	35	0	26	0	31	0
Improper turn	29	0	23	0	31	0	30	0	17	0
Improper/no signal	8	0	2	0	7	0	8	0	7	0
Improper backing	113	0	131	0	133	0	102	0	119	0
Unable to stop in assured clear distance	258	1	316	0	279	0	294	0	294	0
Other	99	2	114	1	137	0	94	0	110	0
Unknown	47	1	36	2	61	0	60	1	101	0
Reckless driving	10	0	17	0	13	0	10	0	13	0
Careless/negligent driving	143	1	148	0	130	0	112	1	118	0
Uncoded & errors	12	0	0	0	0	0	1	0	0	0
Total	**3,105**	**12**	**3,501**	**10**	**3,398**	**8**	**3,215**	**7**	**3,085**	**8**
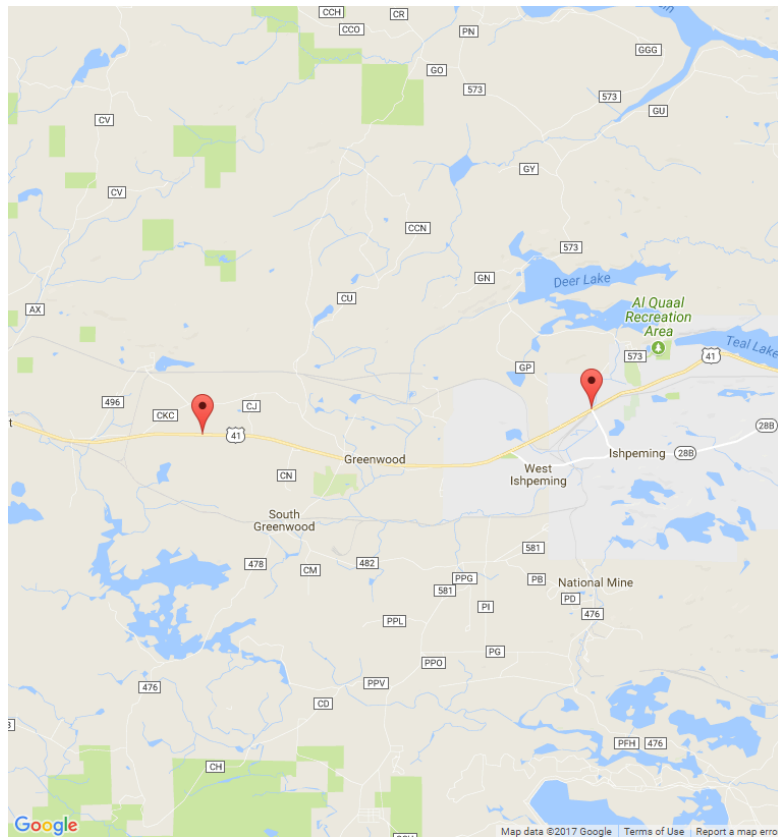
The picture above represents all 2016 alcohol-involved fatal crashes in Post 81.

In 2016, there were 79 alcohol-involved crashes in Post 81:

2   K - Fatal Crashes

7   A - Suspected Serious Injury Crashes

13   B - Suspected Minor Injury Crashes

18   C - Possible Injury Crashes

39   O - Property Damage Only/No Injury Crashes

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