May 2019
Revised 9/16/2019

MICHIGAN
Office of Highway Safety Planning
2018

MTCF
Michigan Traffic Crash Facts

Michigan Traffic Crash Facts

Reporting Criteria

Please pay particular attention to the wording when interpreting the three levels of data gathered for this report.

Crash
The Crash Level analyzes data related to crash events and returns one result per crash.

Examples: Time, weather, and location.

Units
The Units Level analyzes the experience of the units in the crash and returns one result per vehicle, driver, pedestrian, bicyclist, or train.

Examples: Vehicle type, driver condition, and unit events.

People
The People Level analyzes the experience of the people involved in the crash and returns one result per occupant/person/party.

Examples: Age, injury severity, and seat belt or helmet use.

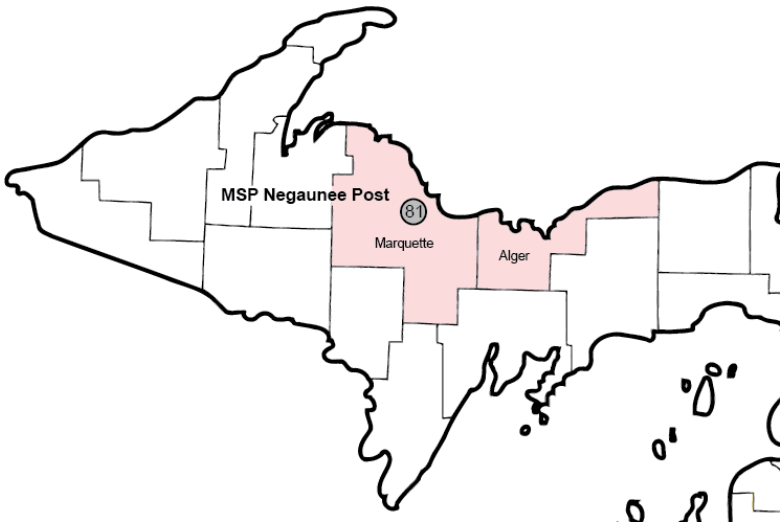
KABCO Injury Indicator:
K = Killed
A = Suspected Serious Injury
B = Suspected Minor Injury
C = Possible Injury
O = No Injury
Property Damage Only (PDO)

UMTRI
University of Michigan
Transportation Research Institute

Michigan State Police (MSP) Post 81 - Negaunee

2018 Traffic Crash Data & 2014-2018 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 2,045 crashes in Post 81 during 2018. [Page 1]
- A total of 7 fatalities resulted from 7 fatal crashes in 2018 in Post 81. [Page 1]
- There were 408 injuries and 287 injury crashes. [Page 1]
- There were 1,751 property damage only crashes (no fatalities or injuries). [Page 1]
- January had the highest number of crashes (270). [Pages 1-2]
- January, February, March, April, May, July and November had the highest number of fatal crashes (1) and fatalities (1). [Pages 1-2]
- September had the highest number of injury crashes (38) and injuries (64). [Page 1]
- January had the highest number of property damage only crashes (239). [Page 1]
- Of all vehicles involved in fatal crashes, 10 (90.9%) were motorcycles. [Page 1]
- Friday was the day of the week with the highest number of crashes (386) and Sunday, Monday and Tuesday 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 (464). This holds true for every year between 2014 and 2018. The 6:00 AM - 8:59 AM time period had the highest number of fatal crashes (2). [Pages 5-6]
- During the period from 2014 to 2018, the highest number of deer crashes occurred in 2017 (628). The 6:00 PM - 8:59 PM time period had the highest number of deer-involved crashes. There was 1 fatal crash involving deer in 2018. [Pages 7-8]
- Marquette County (84.5%) had the highest number of crashes in Post 81 in 2018, followed by Alger County (15.5%). [Page 8]
- Marquette County (100.0%) had the highest number of fatalities in Post 81 in 2018. [Page 8]
- The highest number of drivers in crashes (3,398) occurred during 2014 and the highest number of drivers coded drinking in crashes (90) occurred during 2017 within the five year period between 2014 and 2018. [Page 9]
- A total of 76 crashes involved alcohol in 2018. [Page 11]
- Alcohol-involved fatal crashes were the highest in 2014, 2016, 2017 and 2018 during the five-year period from 2014 to 2018 at 2. [Page 11]
- A total of 21 crashes, 1 fatal crash , and 3 suspected serious injury crashes involved drugs in 2018. [Page 12]
- There were 2,654 drivers wearing seatbelts and 20 drivers not wearing seatbelts in crashes in 2018. Of the 20 drivers not wearing seat belts, 0 (0.0%) were killed and 9 (45.0%) were injured. [Pages 15-17]
- The most common hazardous action coded for drivers in 2018 in all crashes was speed too fast (297), while the most common hazardous action coded for drivers in fatal crashes was speed too fast (3). [Page 18]

MSP Post 81 - Negaunee (continued)

Post 81 Experience

In 2018:

There were 3,144 drivers involved in 2,045 motor vehicle crashes in MSP Post 81. Of those crashes, 7 were classified as fatal, resulting in 7 fatalities. An additional 408 persons were injured.

Post 81 experienced the highest number of motor vehicle crashes (270) in January, the highest number of fatal crashes (1) and the highest number of persons killed (1) in January, February, March, April, May, July and November.

Michigan driver statistics indicate 5.4 percent of licensed drivers in Post 81 were age 16-20, and 11.4 percent of drivers in crashes were also in that age group.

2018 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	270	1	30	239	1	42
February	170	1	24	145	1	32
March	133	1	13	119	1	16
April	118	1	17	100	1	27
May	115	1	19	95	1	25
June	153	0	23	130	0	31
July	164	1	27	136	1	34
August	132	0	29	103	0	46
September	156	0	38	118	0	64
October	172	0	21	151	0	24
November	263	1	26	236	1	40
December	199	0	20	179	0	27
Total	**2,045**	**7**	**287**	**1,751**	**7**	**408**

2018 - Driver Statistics

Age Group	Post 81			Driver Rates	
	2018 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	11,859	313	7	5.9	223.6
16 - 20	6,199	2,907	357	575.9	1,228.1
21 - 24	6,265	3,360	314	501.2	934.5
25 - 64	36,236	33,932	1,802	497.3	531.1
65 +	15,054	13,680	390	259.1	285.1
Unknown	0	0	274	- -	- -
Total	**75,613**	**54,192**	**3,144**	**415.8**	**580.2**

2018 - Vehicles in Crashes

Vehicle Type	Motor Vehicles		Fatal Crashes		Injury Crashes	PDO Crashes
	Number of Vehicles	% of Total	Number	% of Total	Number	Number
Passenger car, SUV, van	2,250	71.6	10	90.9	329	1,911
Motor home	7	0.2	0	0.0	2	5
Pickup truck	656	20.9	0	0.0	101	555
Small truck under 10,000 lbs. GVWR	18	0.6	0	0.0	5	13
Motorcycle	13	0.4	0	0.0	10	3
Moped / goped	3	0.1	0	0.0	3	0
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	15	0.5	0	0.0	8	7
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	12	0.4	1	9.1	10	1
Other	19	0.6	0	0.0	2	17
Truck/bus over 10,000 lbs.	72	2.3	0	0.0	22	50
Unknown	79	2.5	0	0.0	3	76
Total	**3,144**	**100.0**	**11**	**100.0**	**495**	**2,638**

MSP Post 81 - Negaunee (continued)

5-Year Trend - Crashes by Month

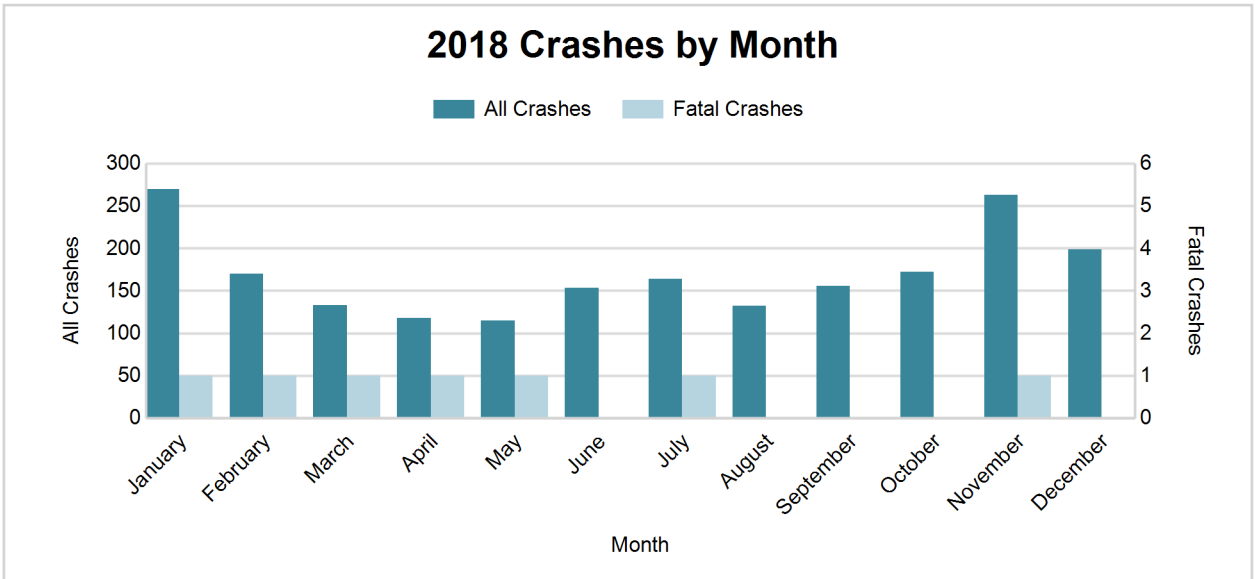
Month	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	300	0	258	0	232	3	204	0	270	1
February	224	0	324	0	211	2	183	1	170	1
March	175	0	130	0	120	0	141	1	133	1
April	120	0	131	1	134	0	109	0	118	1
May	110	0	108	0	104	0	128	1	115	1
June	148	1	138	0	159	0	152	0	153	0
July	149	0	132	1	157	1	134	1	164	1
August	137	2	145	1	145	0	140	1	132	0
September	122	0	127	0	131	0	188	0	156	0
October	163	1	168	0	144	0	246	0	172	0
November	246	0	185	1	215	0	248	0	263	1
December	208	1	174	0	232	0	261	0	199	0
Total	**2,102**	**5**	**2,020**	**4**	**1,984**	**6**	**2,134**	**5**	**2,045**	**7**

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

5-Year Trend - Crashes by Day of Week

Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	280	0	268	0	300	1	289	0	320	2
Tuesday	291	0	281	1	265	0	331	2	249	2
Wednesday	318	0	305	0	303	2	337	0	299	0
Thursday	320	1	347	1	299	1	311	2	293	1
Friday	383	1	334	1	287	0	363	0	386	0
Saturday	276	3	283	0	291	0	285	0	270	0
Sunday	234	0	202	1	239	2	218	1	228	2
Total	**2,102**	**5**	**2,020**	**4**	**1,984**	**6**	**2,134**	**5**	**2,045**	**7**

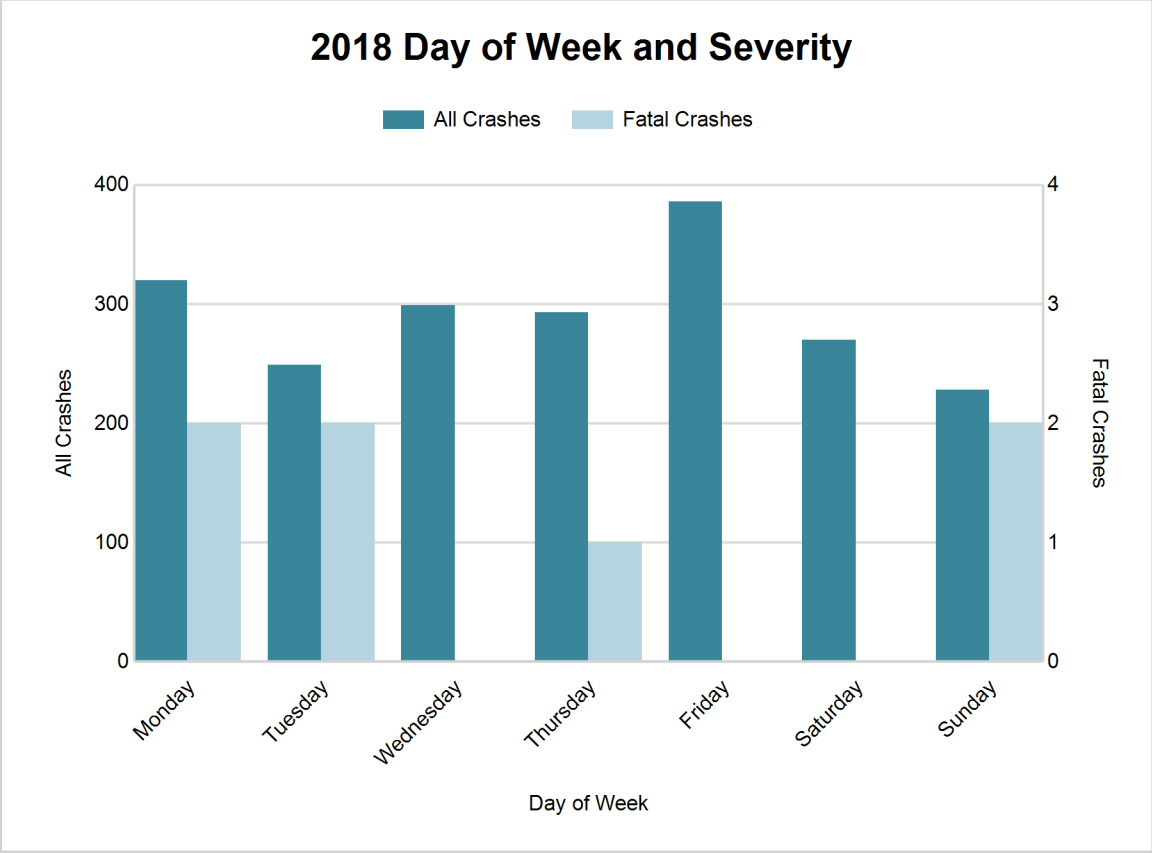
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred on the same day of the week



MSP Post 81 - Negaunee (continued)

2018 - Crashes by Day of Week

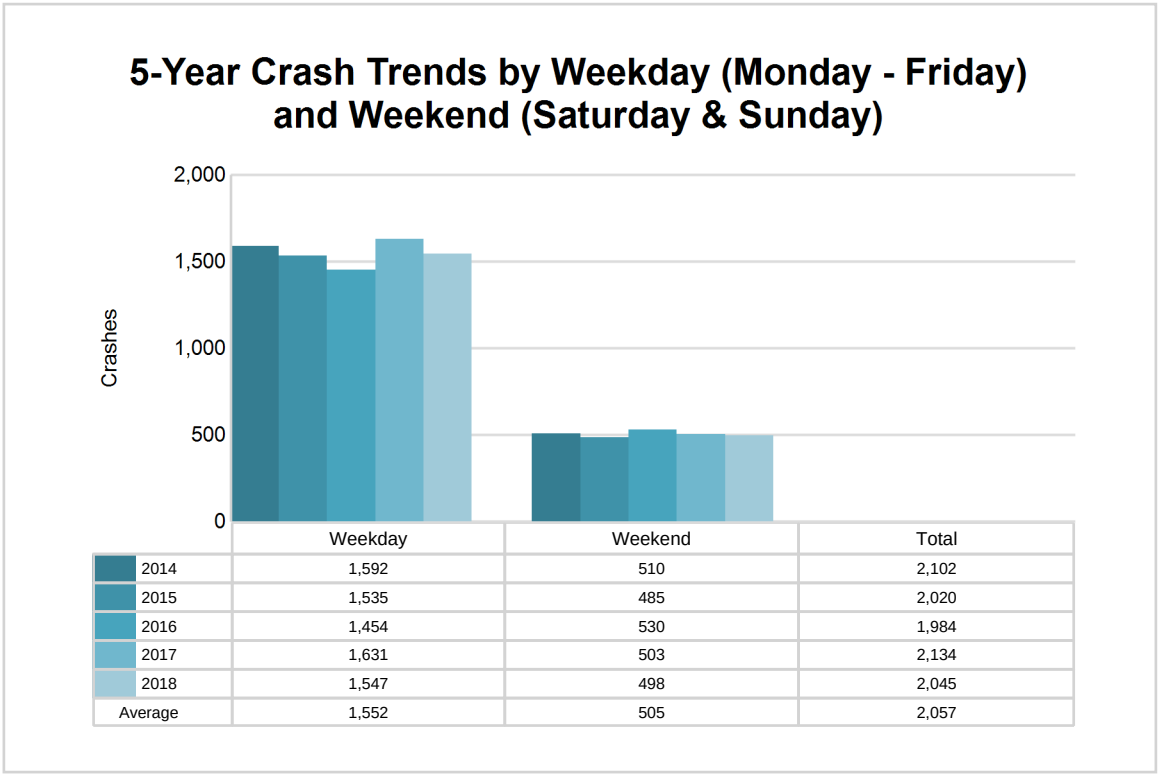
Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	320	15.6	2	28.6	4	8	30	276
Tuesday	249	12.2	2	28.6	3	11	17	216
Wednesday	299	14.6	0	0.0	8	19	25	247
Thursday	293	14.3	1	14.3	7	13	24	248
Friday	386	18.9	0	0.0	6	18	36	326
Saturday	270	13.2	0	0.0	6	7	19	238
Sunday	228	11.1	2	28.6	10	1	15	200
Total	**2,045**	**100.0**	**7**	**100.0**	**44**	**77**	**166**	**1,751**



MSP Post 81 - Negaunee (continued)

5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	1,592	2	1,535	3	1,454	4	1,631	4	1,547	5
Weekend	510	3	485	1	530	2	503	1	498	2
Total	**2,102**	**5**	**2,020**	**4**	**1,984**	**6**	**2,134**	**5**	**2,045**	**7**



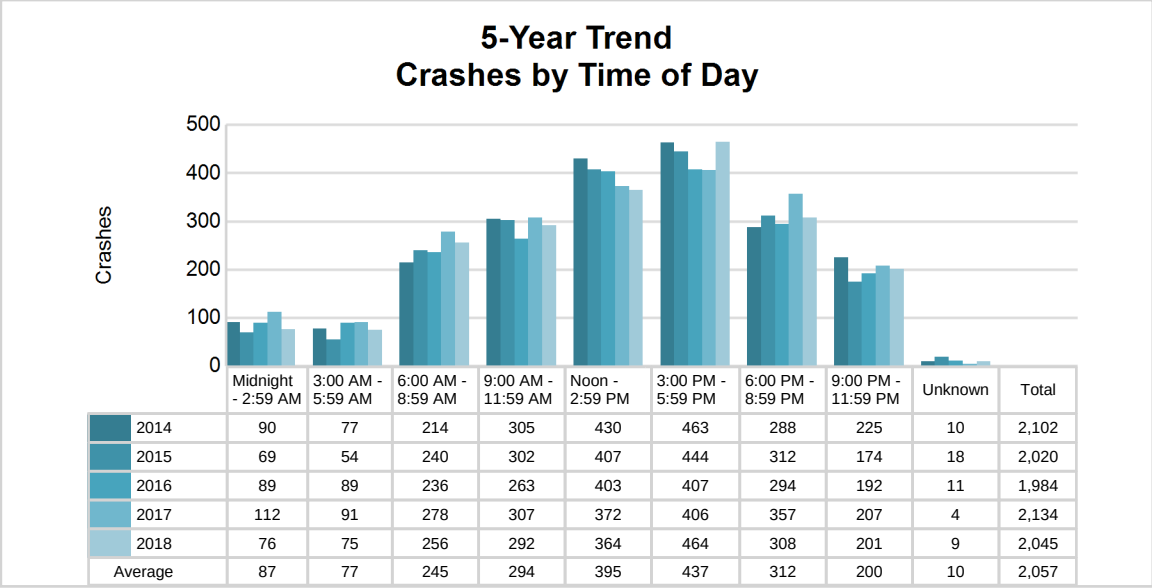
	Weekday	Weekend	Total
2014	1,592	510	2,102
2015	1,535	485	2,020
2016	1,454	530	1,984
2017	1,631	503	2,134
2018	1,547	498	2,045
Average	1,552	505	2,057

MSP Post 81 - Negaunee (continued)

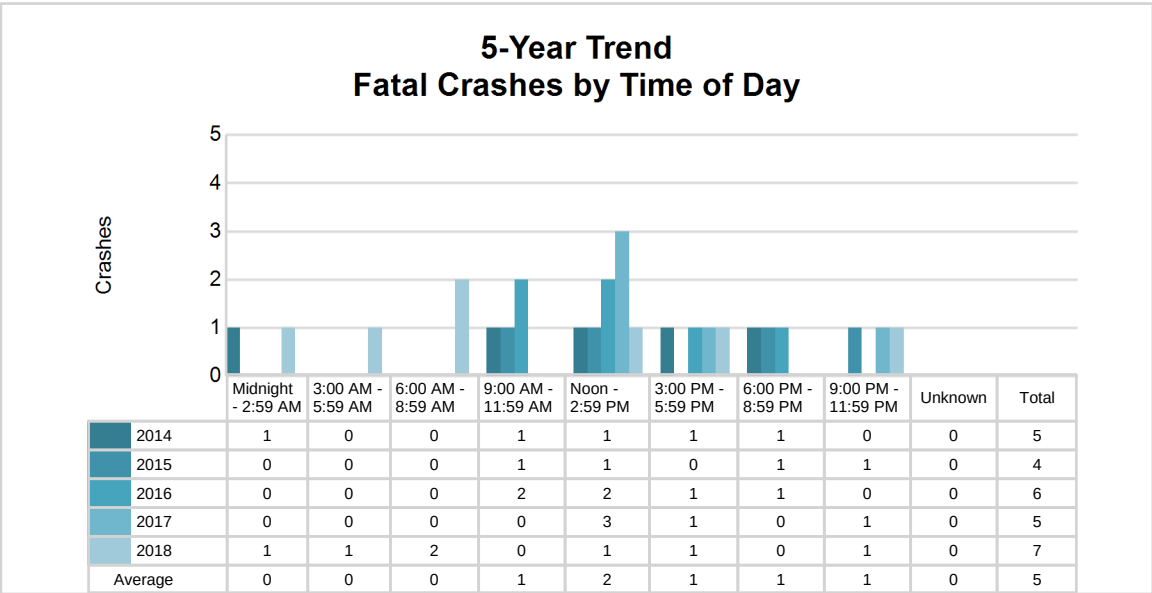
5-Year Trend - Crashes by Time of Day

Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	90	1	69	0	89	0	112	0	76	1
3:00 AM - 5:59 AM	77	0	54	0	89	0	91	0	75	1
6:00 AM - 8:59 AM	214	0	240	0	236	0	278	0	256	2
9:00 AM - 11:59 AM	305	1	302	1	263	2	307	0	292	0
Noon - 2:59 PM	430	1	407	1	403	2	372	3	364	1
3:00 PM - 5:59 PM	463 †	1	444 †	0	407 †	1	406 †	1	464 †	1
6:00 PM - 8:59 PM	288	1	312	1	294	1	357	0	308	0
9:00 PM - 11:59 PM	225	0	174	1	192	0	207	1	201	1
Unknown	10	0	18	0	11	0	4	0	9	0
Total	**2,102**	**5**	**2,020**	**4**	**1,984**	**6**	**2,134**	**5**	**2,045**	**7**

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



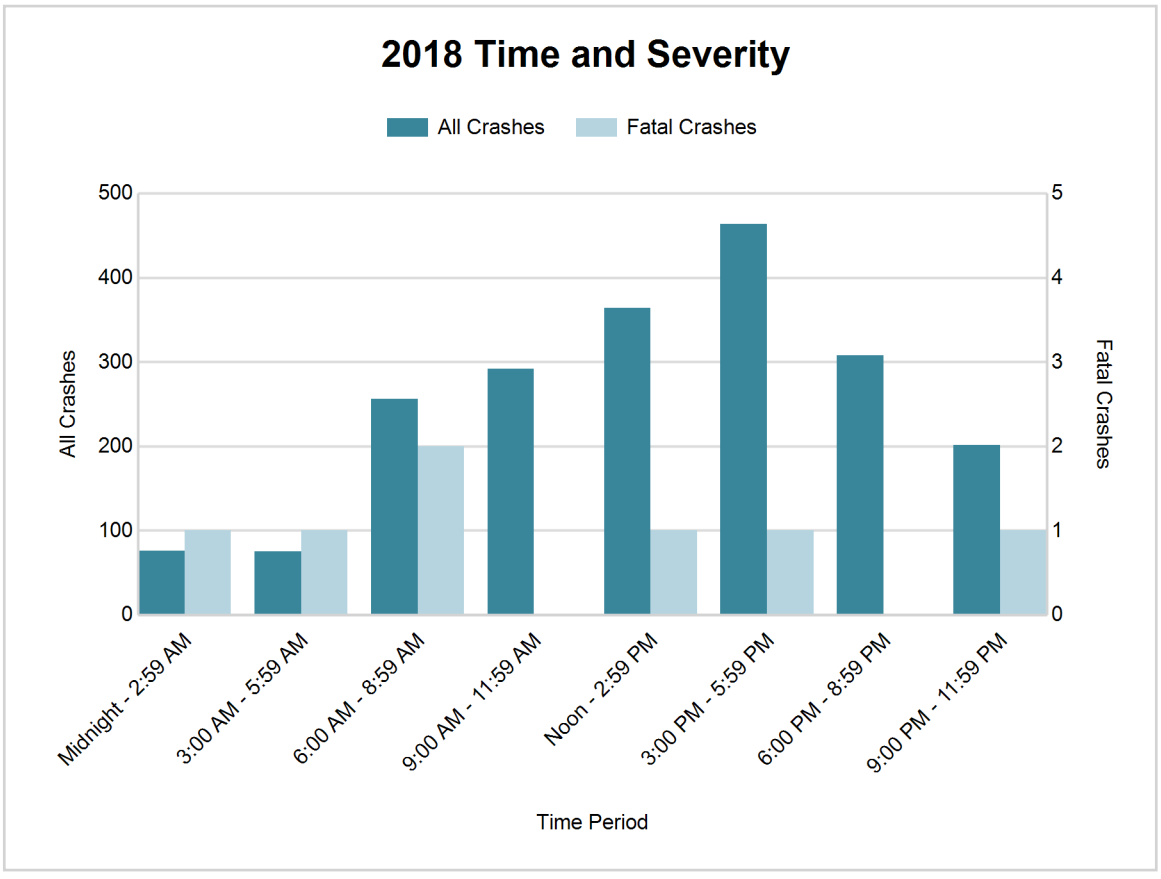
	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2014	90	77	214	305	430	463	288	225	10	2,102
2015	69	54	240	302	407	444	312	174	18	2,020
2016	89	89	236	263	403	407	294	192	11	1,984
2017	112	91	278	307	372	406	357	207	4	2,134
2018	76	75	256	292	364	464	308	201	9	2,045
Average	87	77	245	294	395	437	312	200	10	2,057



	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
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
2017	0	0	0	0	3	1	0	1	0	5
2018	1	1	2	0	1	1	0	1	0	7
Average	0	0	0	1	2	1	1	1	0	5

2018 - Time and Severity

Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	76	3.7	1	14.3	1	2	5	67
3:00 AM - 5:59 AM	75	3.7	1	14.3	1	4	7	62
6:00 AM - 8:59 AM	256	12.5	2	28.6	3	6	15	230
9:00 AM - 11:59 AM	292	14.3	0	0.0	8	9	29	246
Noon - 2:59 PM	364	17.8	1	14.3	7	13	42	301
3:00 PM - 5:59 PM	464	22.7	1	14.3	12	23	43	385
6:00 PM - 8:59 PM	308	15.1	0	0.0	4	14	15	275
9:00 PM - 11:59 PM	201	9.8	1	14.3	8	6	10	176
Unknown	9	0.4	0	0.0	0	0	0	9
Total	**2,045**	**100.0**	**7**	**100.0**	**44**	**77**	**166**	**1,751**

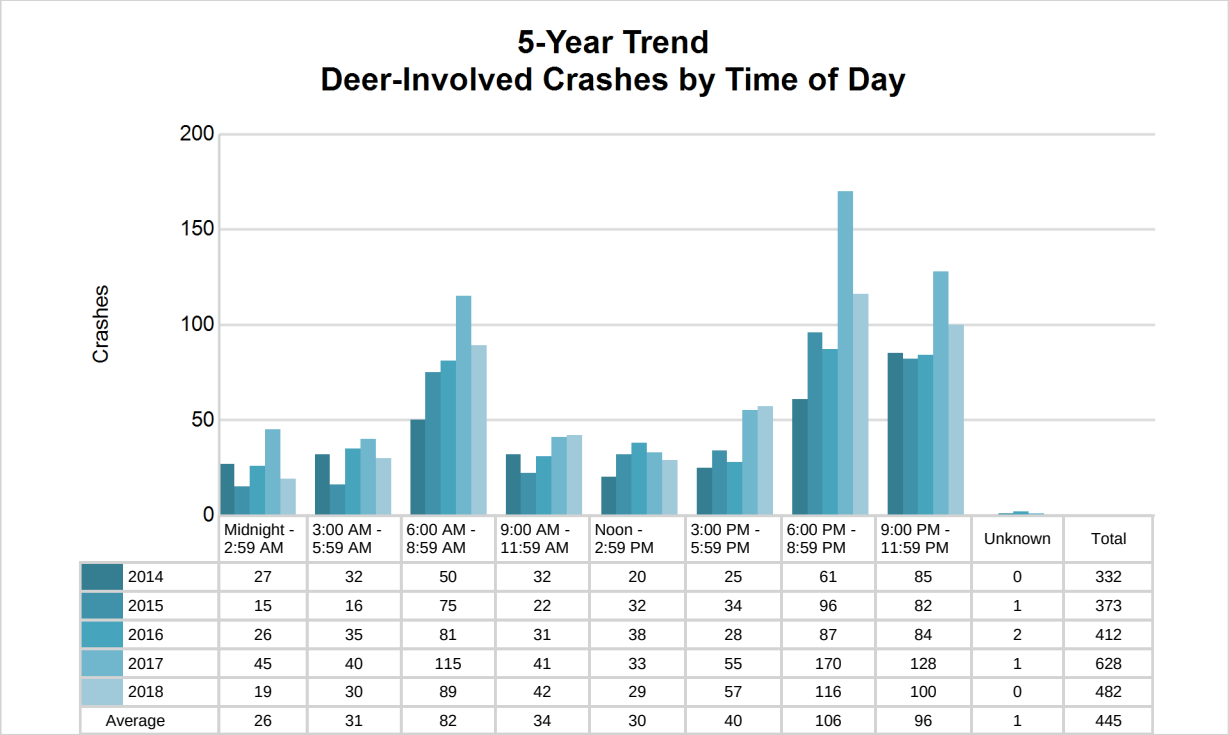


MSP Post 81 - Negaunee (continued)

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

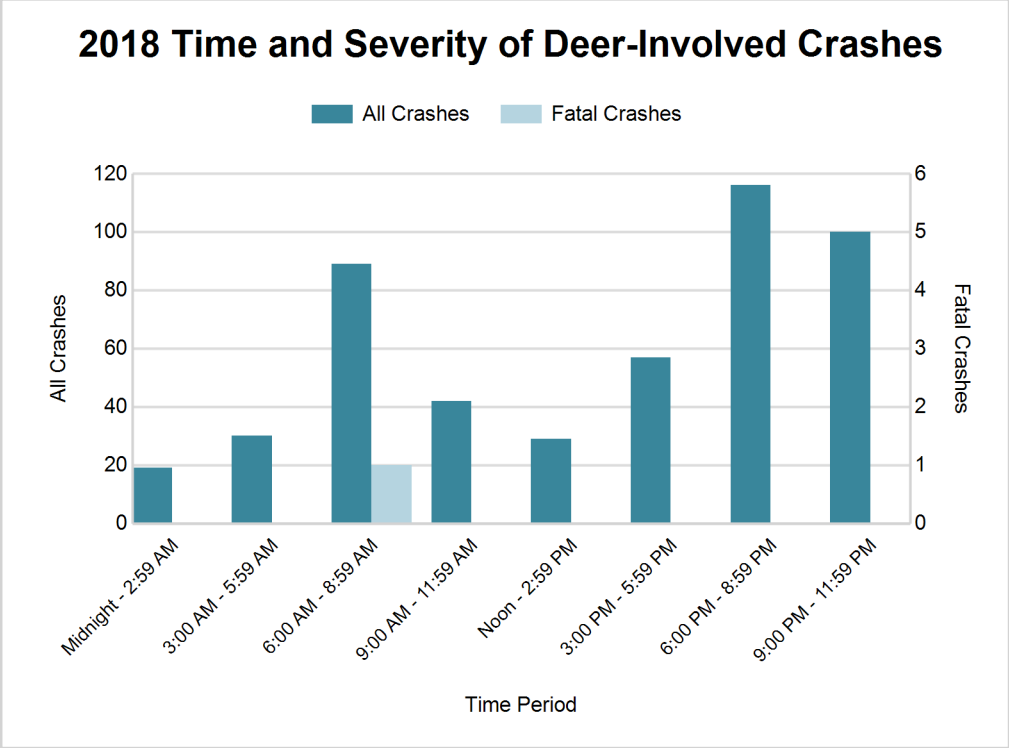
Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	27	0	15	0	26	0	45	0	19	0
3:00 AM - 5:59 AM	32	0	16	0	35	0	40	0	30	0
6:00 AM - 8:59 AM	50	0	75	0	81	0	115	0	89	1
9:00 AM - 11:59 AM	32	0	22	0	31	0	41	0	42	0
Noon - 2:59 PM	20	0	32	0	38	0	33	0	29	0
3:00 PM - 5:59 PM	25	0	34	0	28	0	55	0	57	0
6:00 PM - 8:59 PM	61	0	96	0	87	0	170	0	116	0
9:00 PM - 11:59 PM	85	0	82	0	84	0	128	0	100	0
Unknown	0	0	1	0	2	0	1	0	0	0
Total	**332**	**0**	**373**	**0**	**412**	**0**	**628**	**0**	**482**	**1**

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



	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
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
2017	45	40	115	41	33	55	170	128	1	628
2018	19	30	89	42	29	57	116	100	0	482
Average	26	31	82	34	30	40	106	96	1	445

MSP Post 81 - Negaunee (continued)



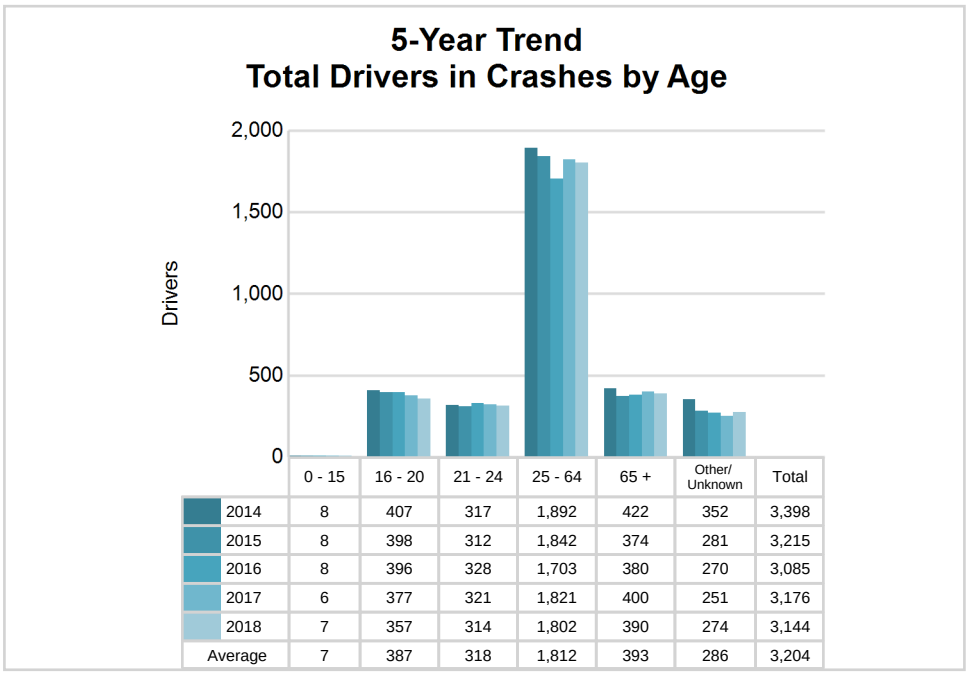
2018 - Reported Motor Vehicle Crashes by County

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	316	0	48	268	0	26	166	113	14	1	107	0	66
Marquette	1,729	7	239	1,483	0	530	294	899	62	20	375	7	342
Total	**2,045**	**7**	**287**	**1,751**	**0**	**556**	**460**	**1,012**	**76**	**21**	**482**	**7**	**408**

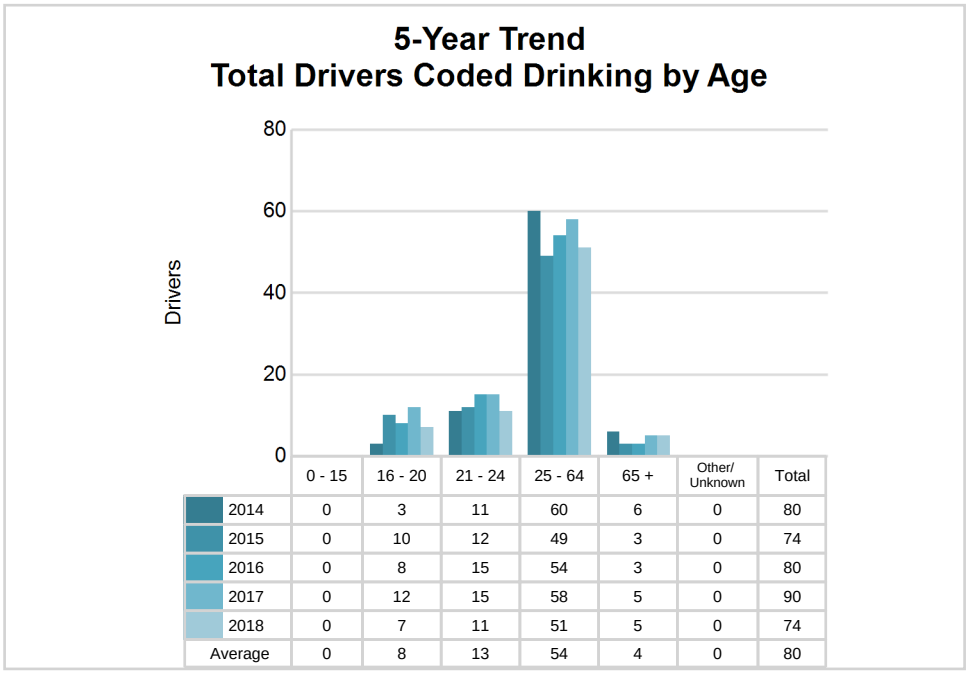
MSP Post 81 - Negaunee (continued)

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

Driver Age	2014		2015		2016		2017		2018	
	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking
0 - 15	8	0	8	0	8	0	6	0	7	0
16 - 20	407	3	398	10	396	8	377	12	357	7
21 - 24	317	11	312	12	328	15	321	15	314	11
25 - 64	1,892	60	1,842	49	1,703	54	1,821	58	1,802	51
65 +	422	6	374	3	380	3	400	5	390	5
Unknown	352	0	281	0	270	0	251	0	274	0
Total	**3,398**	**80**	**3,215**	**74**	**3,085**	**80**	**3,176**	**90**	**3,144**	**74**



	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
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
2017	6	377	321	1,821	400	251	3,176
2018	7	357	314	1,802	390	274	3,144
Average	7	387	318	1,812	393	286	3,204

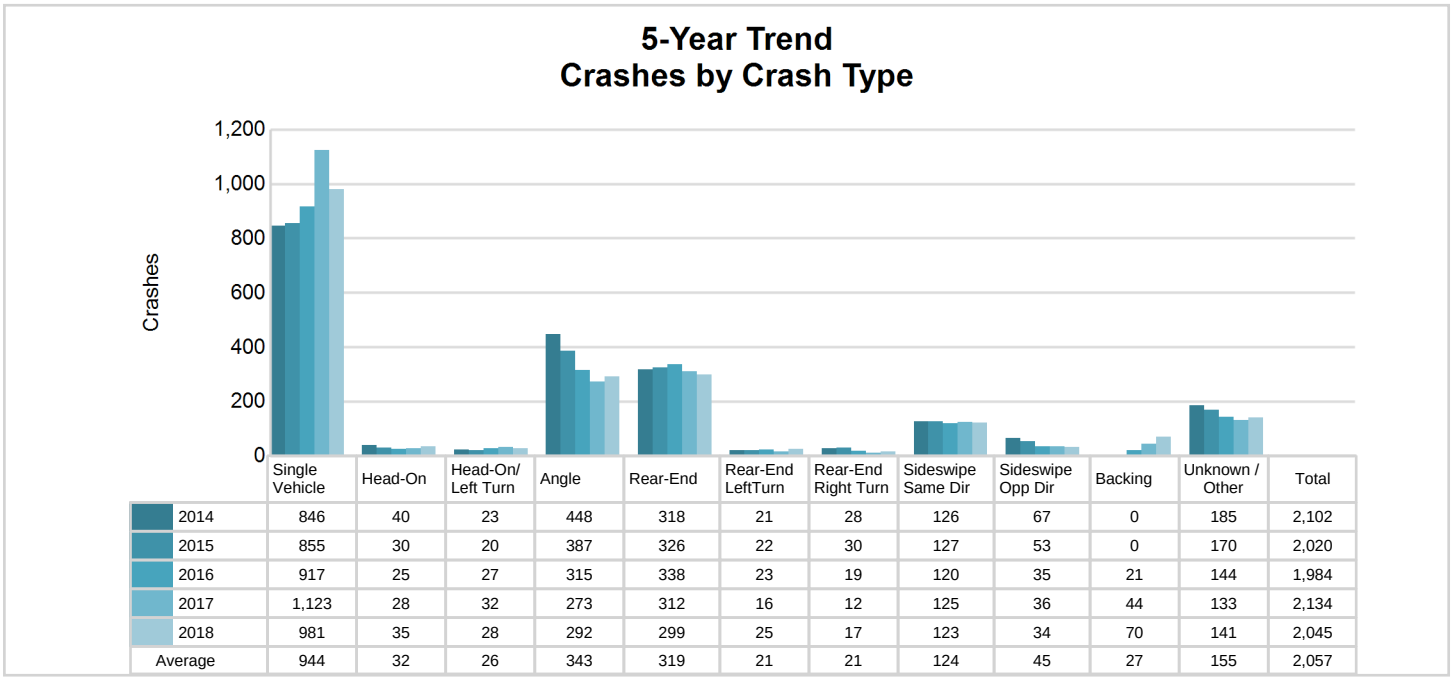


	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2014	0	3	11	60	6	0	80
2015	0	10	12	49	3	0	74
2016	0	8	15	54	3	0	80
2017	0	12	15	58	5	0	90
2018	0	7	11	51	5	0	74
Average	0	8	13	54	4	0	80

MSP Post 81 - Negaunee (continued)

5-Year Trend - Crashes by Crash Type

Crash Type	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single motor vehicle	846	2	855	1	917	4	1,123	2	981	3
Head-on	40	0	30	1	25	1	28	0	35	2
Head-on / left turn	23	0	20	0	27	1	32	0	28	0
Angle	448	3	387	1	315	0	273	2	292	1
Rear-end	318	0	326	1	338	0	312	1	299	0
Rear-end left turn	21	0	22	0	23	0	16	0	25	0
Rear-end right turn	28	0	30	0	19	0	12	0	17	0
Sideswipe same direction	126	0	127	0	120	0	125	0	123	0
Sideswipe opposite direction	67	0	53	0	35	0	36	0	34	0
Backing	0	0	0	0	21	0	44	0	70	0
Other / Unknown	185	0	170	0	144	0	133	0	141	1
Uncoded and Errors	0	0	0	0	0	0	0	0	0	0
Total	**2,102**	**5**	**2,020**	**4**	**1,984**	**6**	**2,134**	**5**	**2,045**	**7**



	Single Vehicle	Head-On	Head-On/ Left Turn	Angle	Rear-End	Rear-End LeftTurn	Rear-End Right Turn	Sideswipe Same Dir	Sideswipe Opp Dir	Backing	Unknown / Other	Total
2014	846	40	23	448	318	21	28	126	67	0	185	2,102
2015	855	30	20	387	326	22	30	127	53	0	170	2,020
2016	917	25	27	315	338	23	19	120	35	21	144	1,984
2017	1,123	28	32	273	312	16	12	125	36	44	133	2,134
2018	981	35	28	292	299	25	17	123	34	70	141	2,045
Average	944	32	26	343	319	21	21	124	45	27	155	2,057

MSP Post 81 - Negaunee (continued)

2018 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

Age Group	Drivers				BAC Result Range for Drivers Coded Drinking				
	Total Drivers in Alcohol-Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	BAC 0.01 g/dL to 0.07 g/dL	BAC 0.08 g/dL to 0.16 g/dL	BAC 0.17 g/dL and Above	BAC Not Reported
0 - 15	0	0	0	0	0	0	0	0	0
16 - 20	11	8	5	7	0	0	2	3	2
21 - 24	15	9	8	11	0	2	3	2	4
25 - 64	63	51	37	51	0	2	11	11	27
65 +	6	4	3	5	0	0	1	1	3
Unknown	9	0	0	0	0	0	0	0	0
Total	**104**	**72**	**53**	**74**	**0**	**4**	**17**	**17**	**36**

Notes: BAC measured in grams (g) per deciliter (dL).
BAC may not be reported if drivers are not tested or if the results are not available immediately (as in the case of a blood test).
A driver may be coded by the officer as drinking even though no test is administered.

Alcohol-Involved Crashes

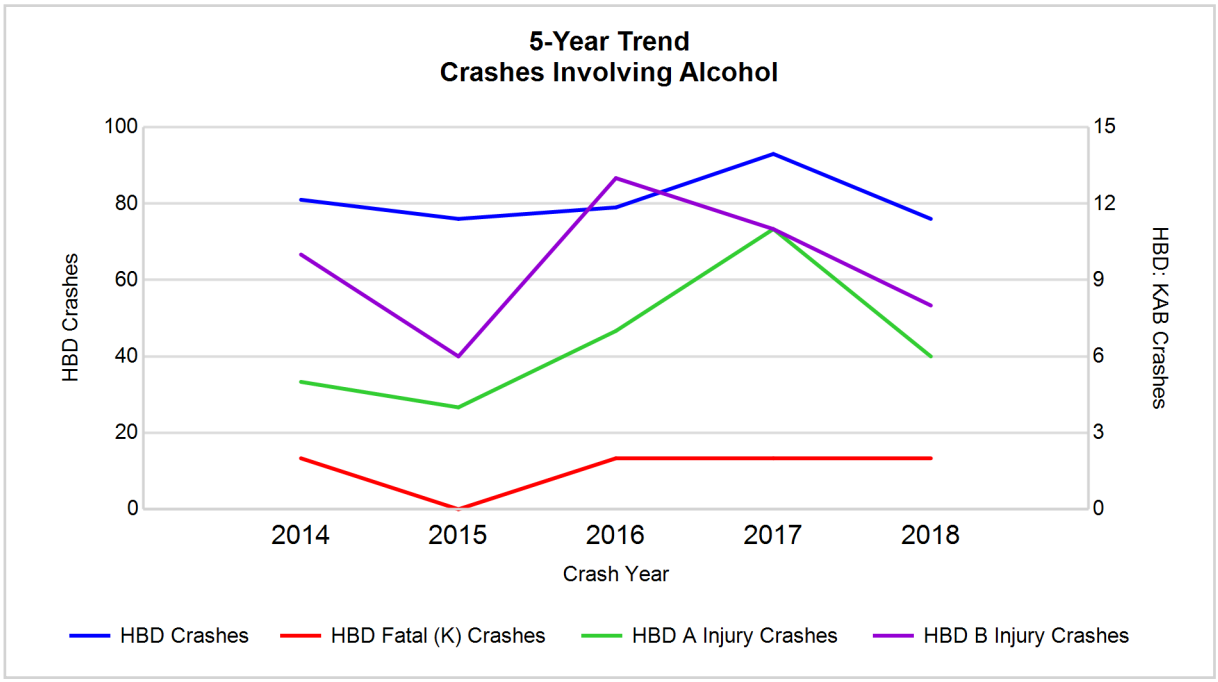
In 2018, there were 104 drivers in alcohol-involved crashes; 74 (71.2%) of those drivers were coded as had-been-drinking by the officer on the crash form.

- 34 (45.9%) of the 74 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 17 (50.0%) of the 34 drivers had a BAC at or above 0.17 g/dL.
- 53 (71.6%) of the 74 drivers were coded as had-been-drinking and were tested for alcohol consumption.

5-Year Trend - Crashes Involving Alcohol

Year	All Crashes	HBD Crashes	% HBD	Fatal Crashes	HBD Fatal Crashes	% HBD	A Injury Crashes	HBD A Injury Crashes	% HBD	B Injury Crashes	HBD B Injury Crashes	% HBD
2014	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
2017	2,134	93	4.4	5	2	40.0	36	11	30.6	84	11	13.1
2018	2,045	76	3.7*	7**	2	28.6	44**	6	13.6	77	8	10.4

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



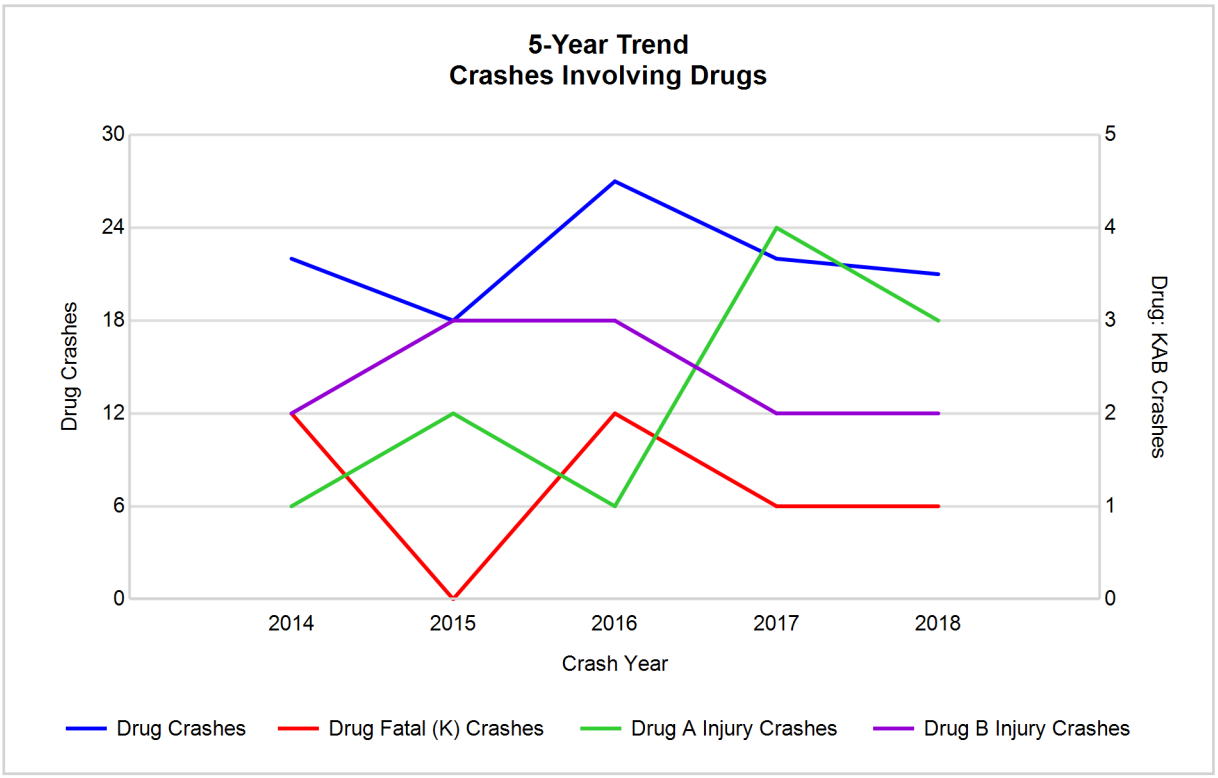
Note: Had-Been-Drinking (HBD)

MSP Post 81 - Negaunee (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
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
2017	2,134	22	1.0	5	1	20.0	36	4	11.1	84	2	2.4
2018	2,045	21	1.0	7**	1	14.3	44**	3	6.8	77	2	2.6

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

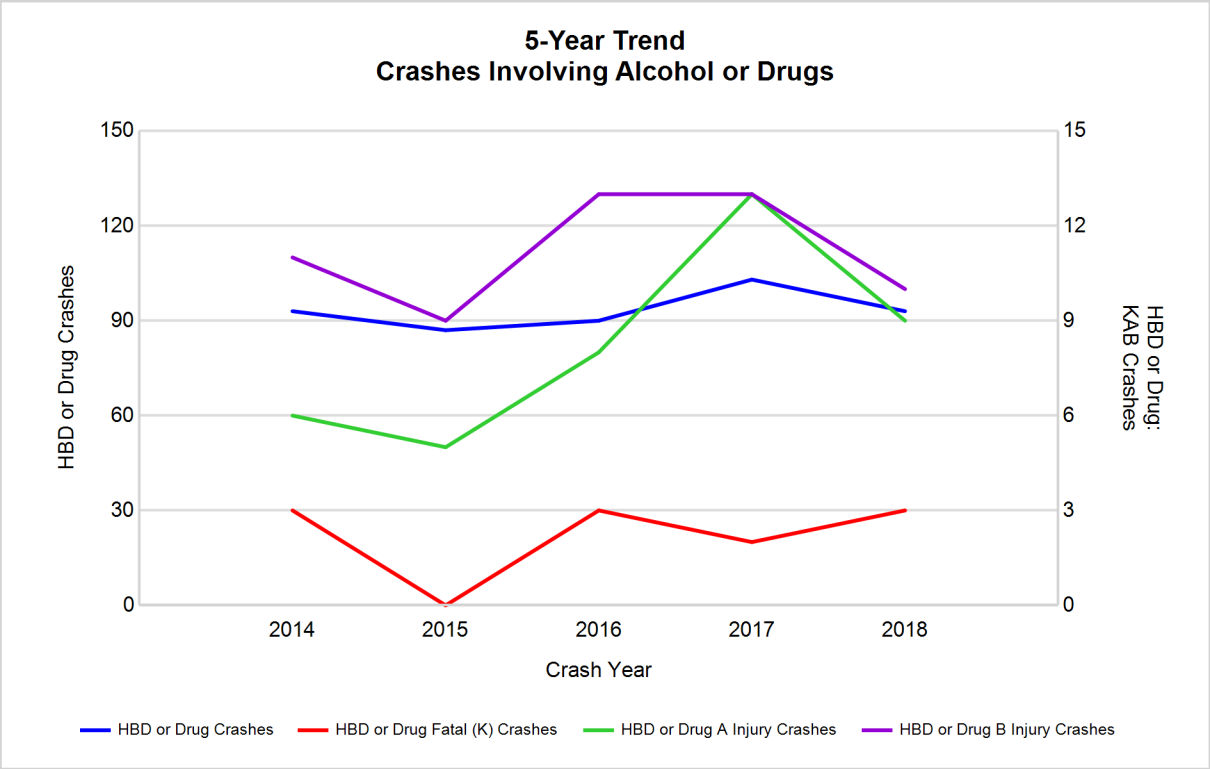


MSP Post 81 - Negaunee (continued)

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
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
2017	2,134	103	4.8	5	2	40.0	36	13	36.1	84	13	15.5
2018	2,045	93	4.5	7**	3	42.9	44**	9	20.5	77	10	13.0

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)

MSP Post 81 - Negaunee (continued)

2018 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Vehicle Type

Vehicle Type	Total Occupants			Fatalities			A - Suspected Serious			B - Suspected Minor			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
Passenger car, SUV, van	2,324	2,071	89.1	5	3	60.0	26	19	73.1	56	53	94.6	177	166	93.8	1,919	1,830	95.4
Motor home	7	6	85.7	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	5	5	100.0
Pickup truck	673	562	83.5	0	0	0.0	7	4	57.1	28	23	82.1	42	38	90.5	538	497	92.4
Small truck under 10,000 lbs. GVWR	18	17	94.4	0	0	0.0	0	0	0.0	0	0	0.0	3	3	100.0	14	14	100.0
Motorcycle	14	10	71.4	0	0	0.0	7	5	71.4	2	1	50.0	2	1	50.0	3	3	100.0
Moped / goped	4	1	25.0	0	0	0.0	0	0	0.0	3	1	33.3	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	15	15	100.0	0	0	0.0	2	2	100.0	2	2	100.0	2	2	100.0	9	9	100.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	15	6	40.0	1	0	0.0	7	4	57.1	4	0	0.0	2	2	100.0	1	0	0.0
Other	19	15	78.9	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	18	15	83.3
Truck/bus over 10,000 lbs.	86	65	75.6	0	0	0.0	1	1	100.0	4	1	25.0	13	3	23.1	67	60	89.6
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	**3,254**	**2,768**	**85.1**	**6**	**3**	**50.0**	**50**	**35**	**70.0**	**99**	**81**	**81.8**	**243**	**216**	**88.9**	**2,574**	**2,433**	**94.5**

Note: Restraint Use includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, child restraint used, restraint failure, and helmet worn.

2018 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Age

Age Group	Total Occupants			Fatalities			A - Suspected Serious			B - Suspected Minor			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
0 - 15	43	28	65.1	0	0	0.0	2	2	100.0	11	8	72.7	26	14	53.8	4	4	100.0
16 - 20	374	360	96.3	1	0	0.0	5	4	80.0	16	15	93.8	33	32	97.0	318	309	97.2
21 - 24	322	296	91.9	1	0	0.0	6	5	83.3	7	4	57.1	19	16	84.2	288	271	94.1
25 - 64	1,839	1,709	92.9	2	1	50.0	30	20	66.7	51	42	82.4	139	129	92.8	1,611	1,517	94.2
65 +	402	375	93.3	2	2	100.0	7	4	57.1	14	12	85.7	26	25	96.2	353	332	94.1
Unknown	274	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	**3,254**	**2,768**	**85.1**	**6**	**3**	**50.0**	**50**	**35**	**70.0**	**99**	**81**	**81.8**	**243**	**216**	**88.9**	**2,574**	**2,433**	**94.5**

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.

MSP Post 81 - Negaunee (continued)

5-Year Trend - Restraint Use Among Drivers

Restraint Use	2014			2015			2016			2017			2018		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	21	0	4	25	0	2	9	0	1	5	0	3	2	0	0
Shoulder belt only used	2	0	1	2	0	2	20	0	3	14	0	0	23	0	7
Lap belt only used	9	0	1	7	0	1	7	0	3	5	0	1	4	0	0
Both lap & shoulder belts used	2,854	2	294	2,785	1	267	2,618	1	250	2,740	2	252	2,627	2	224
No belts used	24	0	4	17	3	6	19	1	6	23	0	13	18	0	9
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	1	0	0	2	0	0	0	0	0	0	0	0
Restraint use unknown	79	0	7	53	0	6	243	0	11	348	0	7	423	1	16
Helmet worn	42	0	27	26	0	18	26	3	17	24	1	17	31	0	19
Helmet not worn	11	1	9	8	0	6	15	0	11	8	0	7	7	0	7
Helmet use unknown	3	0	0	3	0	2	4	0	2	1	0	0	4	0	3
Uncoded & errors	351	0	1	288	0	0	122	0	0	8	0	0	5	0	0
Total	**3,398**	**3**	**348**	**3,215**	**4**	**310**	**3,085**	**5**	**304**	**3,176**	**3**	**300**	**3,144**	**3**	**285**

5-Year Trend - Restraint Use Among Drivers Coded Drinking

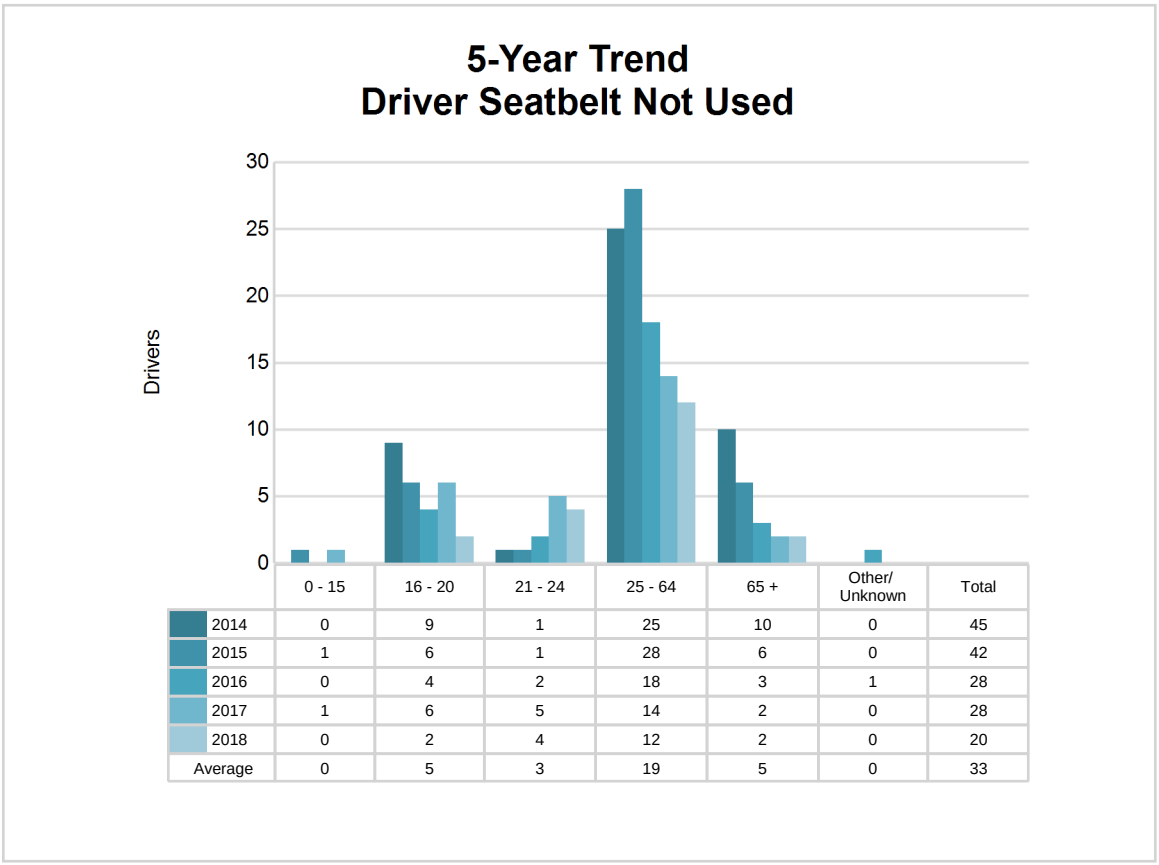
Restraint Use	2014			2015			2016			2017			2018		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Shoulder belt only used	0	0	0	0	0	0	0	0	0	0	0	0	2	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	52	0	12	58	0	13	53	1	17	62	1	15	43	0	10
No belts used	6	0	2	0	0	0	6	1	2	7	0	6	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	16	0	3	12	0	1	16	0	7	20	0	5	18	1	5
Helmet worn	3	0	1	2	0	2	2	0	2	1	1	0	5	0	4
Helmet not worn	3	0	3	1	0	1	1	0	1	0	0	0	0	0	0
Helmet use unknown	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
Uncoded & errors	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Total	**80**	**0**	**21**	**74**	**0**	**17**	**80**	**2**	**30**	**90**	**2**	**26**	**74**	**1**	**26**

MSP Post 81 - Negaunee (continued)

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

Age Group	2014			2015			2016			2017			2018		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0
16 - 20	9	0	1	6	0	2	4	0	2	6	0	2	2	0	1
21 - 24	1	0	1	1	0	0	2	0	0	5	0	5	4	0	2
25 - 64	25	0	4	28	2	4	18	0	4	14	0	8	12	0	6
65 +	10	0	2	6	1	1	3	1	1	2	0	0	2	0	0
Unknown	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Total	**45**	**0**	**8**	**42**	**3**	**8**	**28**	**1**	**7**	**28**	**0**	**16**	**20**	**0**	**9**

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



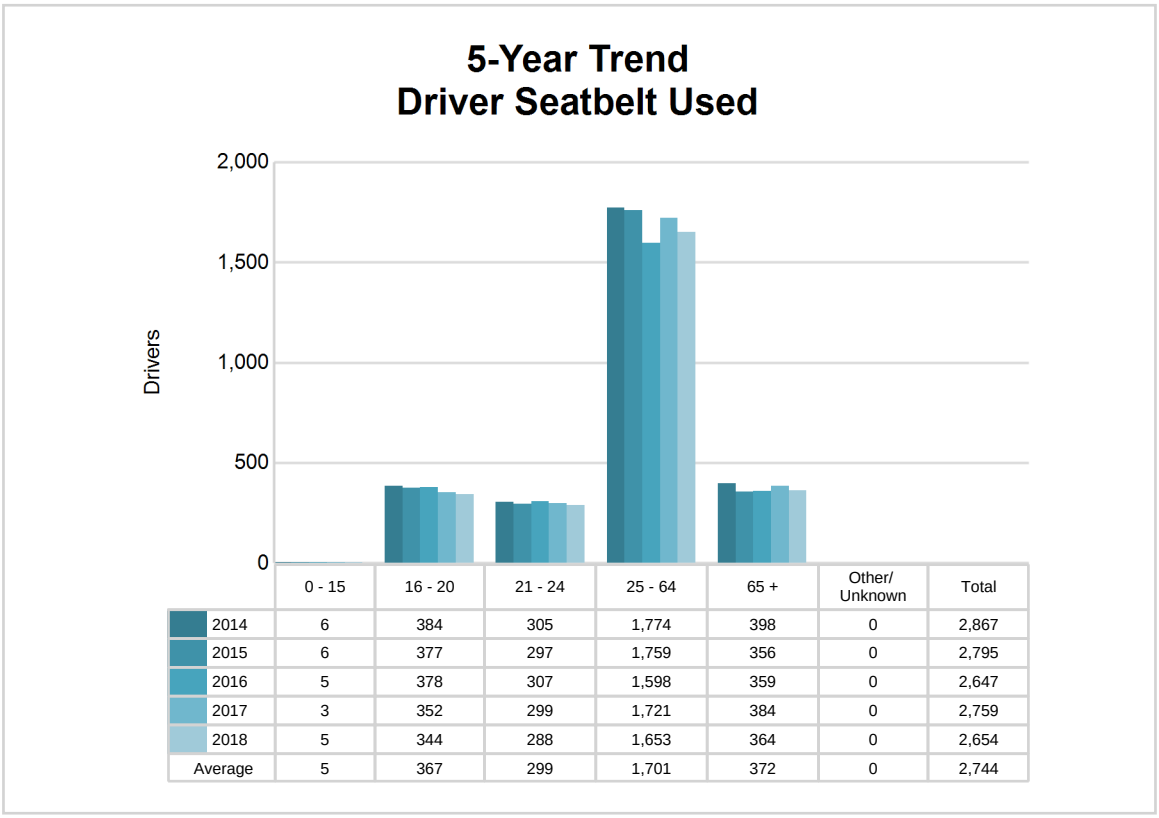
	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2014	0	9	1	25	10	0	45
2015	1	6	1	28	6	0	42
2016	0	4	2	18	3	1	28
2017	1	6	5	14	2	0	28
2018	0	2	4	12	2	0	20
Average	0	5	3	19	5	0	33

MSP Post 81 - Negaunee (continued)

5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2014			2015			2016			2017			2018		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	6	0	0	6	0	3	5	0	1	3	0	2	5	0	1
16 - 20	384	1	28	377	0	32	378	0	29	352	0	30	344	0	35
21 - 24	305	0	34	297	0	26	307	0	32	299	0	29	288	0	19
25 - 64	1,774	1	190	1,759	1	174	1,598	1	159	1,721	1	150	1,653	1	144
65 +	398	0	44	356	0	35	359	0	35	384	1	42	364	1	32
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**2,867**	**2**	**296**	**2,795**	**1**	**270**	**2,647**	**1**	**256**	**2,759**	**2**	**253**	**2,654**	**2**	**231**

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



	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
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
2017	3	352	299	1,721	384	0	2,759
2018	5	344	288	1,653	364	0	2,654
Average	5	367	299	1,701	372	0	2,744

MSP Post 81 - Negaunee (continued)

5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2014		2015		2016		2017		2018	
	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes
None	1,807	4	1,741	3	1,620	3	1,735	3	1,643	6
Speed too fast	368	1	335	0	320	3	303	2	297	3
Speed too slow	3	0	3	0	1	0	2	0	3	0
Failed to yield	314	3	303	2	269	1	265	2	268	1
Disregard traffic control	47	0	57	0	37	1	33	1	33	0
Drove wrong way	2	0	6	0	1	0	1	0	1	0
Drove left of center	20	0	22	0	18	0	16	0	23	1
Improper passing	11	0	11	0	9	0	9	0	17	0
Improper lane use	35	0	26	0	31	0	30	0	43	0
Improper turn	31	0	30	0	17	0	30	0	22	0
Improper/no signal	7	0	8	0	7	0	5	0	6	0
Improper backing	133	0	102	0	119	0	85	0	99	0
Unable to stop in assured clear distance	279	0	294	0	294	0	262	0	286	0
Other	137	0	94	0	110	0	128	0	121	0
Unknown	61	0	60	1	101	0	128	0	166	0
Reckless driving	13	0	10	0	13	0	12	0	9	0
Careless/negligent driving	130	0	112	1	118	0	132	0	107	0
Uncoded & errors	0	0	1	0	0	0	0	0	0	0
Total	**3,398**	**8**	**3,215**	**7**	**3,085**	**8**	**3,176**	**8**	**3,144**	**11**

MSP Post 81 - Negaunee (continued)

The picture above represents all 2018 alcohol-involved fatal crashes in Post 81.

In 2018, there were 76 alcohol-involved crashes in Post 81:

2	K - Fatal Crashes
6	A - Suspected Serious Injury Crashes
8	B - Suspected Minor Injury Crashes
13	C - Possible Injury Crashes
47	O - Property Damage Only/No Injury Crashes

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