



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)



## Keweenaw County

### 2018 Traffic Crash Data & 2014-2018 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 (1/1)
- A - Suspected Serious (5/5)

## Keweenaw County

In 2018:

There were 89 drivers involved in 73 motor vehicle crashes in Keweenaw County. Of those crashes, 1 was classified as fatal, resulting in 1 fatality. An additional 18 persons were injured.

Keweenaw County experienced the highest number of motor vehicle crashes (14) in January, the highest number of fatal crashes (1) and the highest number of persons killed (1) in September.

Michigan driver statistics indicate 5.0 percent of licensed drivers in Keweenaw County were age 16-20, and 7.9 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	14	0	2	12	0	2
February	6	0	2	4	0	2
March	2	0	0	2	0	0
April	2	0	2	0	0	2
May	4	0	0	4	0	0
June	8	0	0	8	0	0
July	7	0	2	5	0	4
August	5	0	1	4	0	3
September	4	1	1	2	1	2
October	7	0	3	4	0	3
November	10	0	0	10	0	0
December	4	0	0	4	0	0
<b>Total</b>	<b>73</b>	<b>1</b>	<b>13</b>	<b>59</b>	<b>1</b>	<b>18</b>

## 2018 - Driver Statistics

Age Group	Keweenaw County			Driver Rates	
	2018 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	269	9	0	0.0	0.0
16 - 20	90	90	7	777.8	777.8
21 - 24	53	56	9	1,698.1	1,607.1
25 - 64	924	924	51	551.9	551.9
65 +	777	738	20	257.4	271.0
Unknown	0	0	2	--	--
<b>Total</b>	<b>2,113</b>	<b>1,817</b>	<b>89</b>	<b>421.2</b>	<b>489.8</b>

## 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	58	65.2	0	0.0	12	46
Motor home	0	0.0	0	0.0	0	0
Pickup truck	24	27.0	1	100.0	4	19
Small truck under 10,000 lbs. GVWR	0	0.0	0	0.0	0	0
Motorcycle	2	2.2	0	0.0	1	1
Moped / goped	0	0.0	0	0.0	0	0
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	2	2.2	0	0.0	2	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	0	0.0	0	0.0	0	0
Other	1	1.1	0	0.0	0	1
Truck/bus over 10,000 lbs.	1	1.1	0	0.0	0	1
Unknown	1	1.1	0	0.0	0	1
<b>Total</b>	<b>89</b>	<b>100.0</b>	<b>1</b>	<b>100.0</b>	<b>19</b>	<b>69</b>

## 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	5	0	11	0	4	0	2	0	14	0
February	6	0	7	0	6	0	8	0	6	0
March	3	0	0	0	2	0	1	0	2	0
April	4	0	4	0	5	0	8	0	2	0
May	7	0	5	0	3	0	3	0	4	0
June	6	0	3	0	10	0	10	0	8	0
July	16	0	6	0	13	0	11	0	7	0
August	4	0	7	0	7	0	8	0	5	0
September	2	0	3	0	6	0	9	0	4	1
October	5	0	4	0	4	0	13	0	7	0
November	8	0	10	0	8	0	10	0	10	0
December	11	0	4	0	11	0	10	0	4	0
<b>Total</b>	<b>77</b>	<b>0</b>	<b>64</b>	<b>0</b>	<b>79</b>	<b>0</b>	<b>93</b>	<b>0</b>	<b>73</b>	<b>1</b>

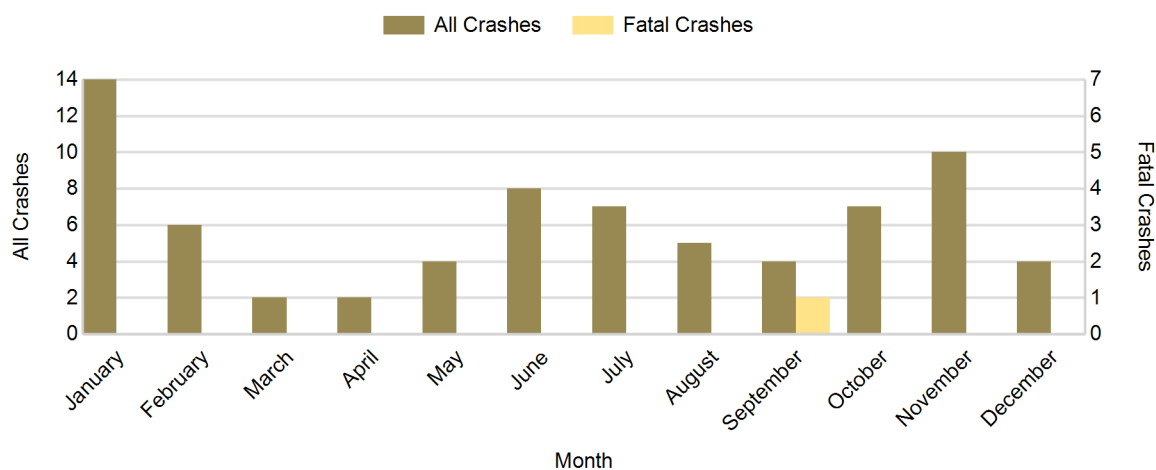
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

## 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	8	0	6	0	10	0	13	0	8	0
Tuesday	9	0	9	0	6	0	16	0	8	0
Wednesday	13	0	5	0	8	0	6	0	16	1
Thursday	11	0	8	0	13	0	13	0	15	0
Friday	8	0	11	0	11	0	11	0	11	0
Saturday	17	0	15	0	17	0	18	0	10	0
Sunday	11	0	10	0	14	0	16	0	5	0
<b>Total</b>	<b>77</b>	<b>0</b>	<b>64</b>	<b>0</b>	<b>79</b>	<b>0</b>	<b>93</b>	<b>0</b>	<b>73</b>	<b>1</b>

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

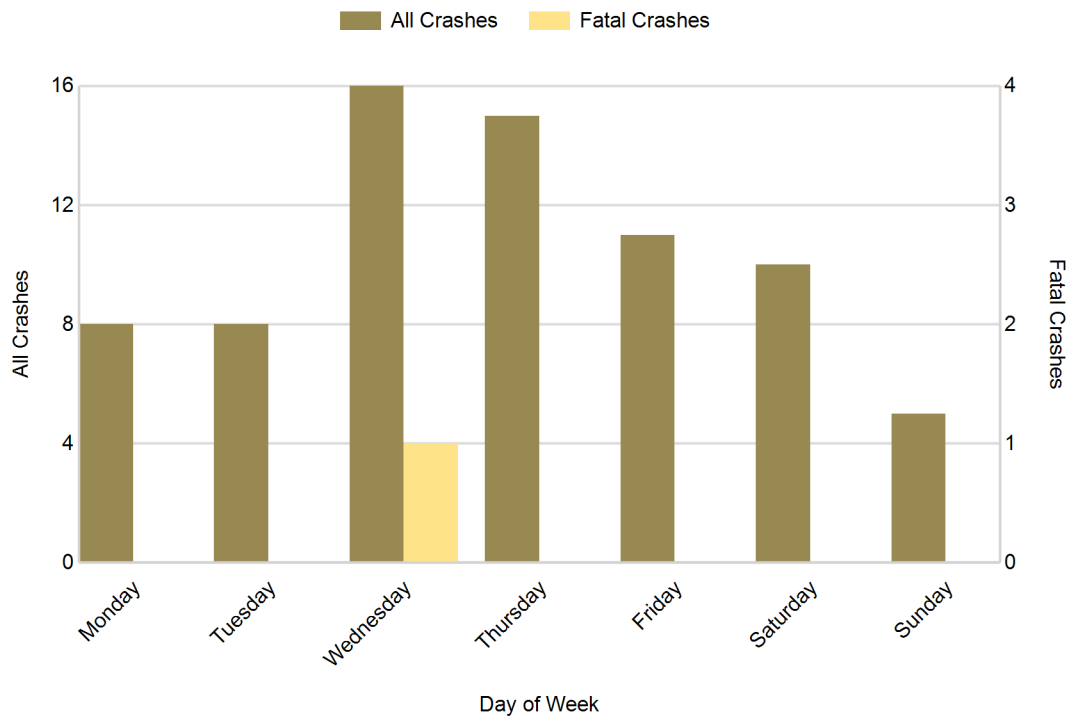
## 2018 Crashes by Month



## 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	8	11.0	0	0.0	0	0	0	8
Tuesday	8	11.0	0	0.0	0	0	1	7
Wednesday	16	21.9	1	100.0	1	0	0	14
Thursday	15	20.5	0	0.0	0	2	0	13
Friday	11	15.1	0	0.0	2	1	0	8
Saturday	10	13.7	0	0.0	1	1	1	7
Sunday	5	6.8	0	0.0	1	0	2	2
<b>Total</b>	<b>73</b>	<b>100.0</b>	<b>1</b>	<b>100.0</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>59</b>

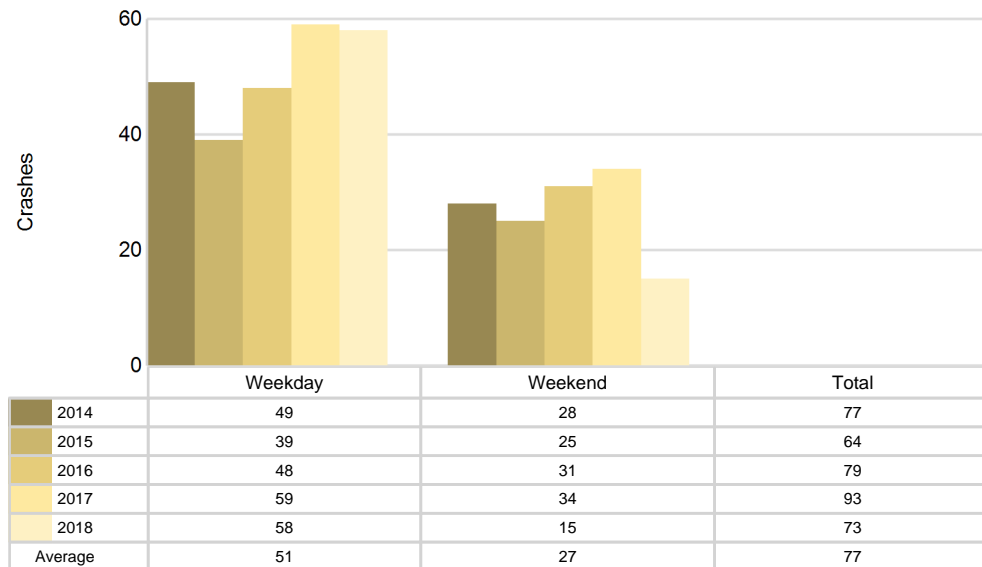
## 2018 Day of Week and Severity



## 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	49	0	39	0	48	0	59	0	58	1
Weekend	28	0	25	0	31	0	34	0	15	0
<b>Total</b>	<b>77</b>	<b>0</b>	<b>64</b>	<b>0</b>	<b>79</b>	<b>0</b>	<b>93</b>	<b>0</b>	<b>73</b>	<b>1</b>

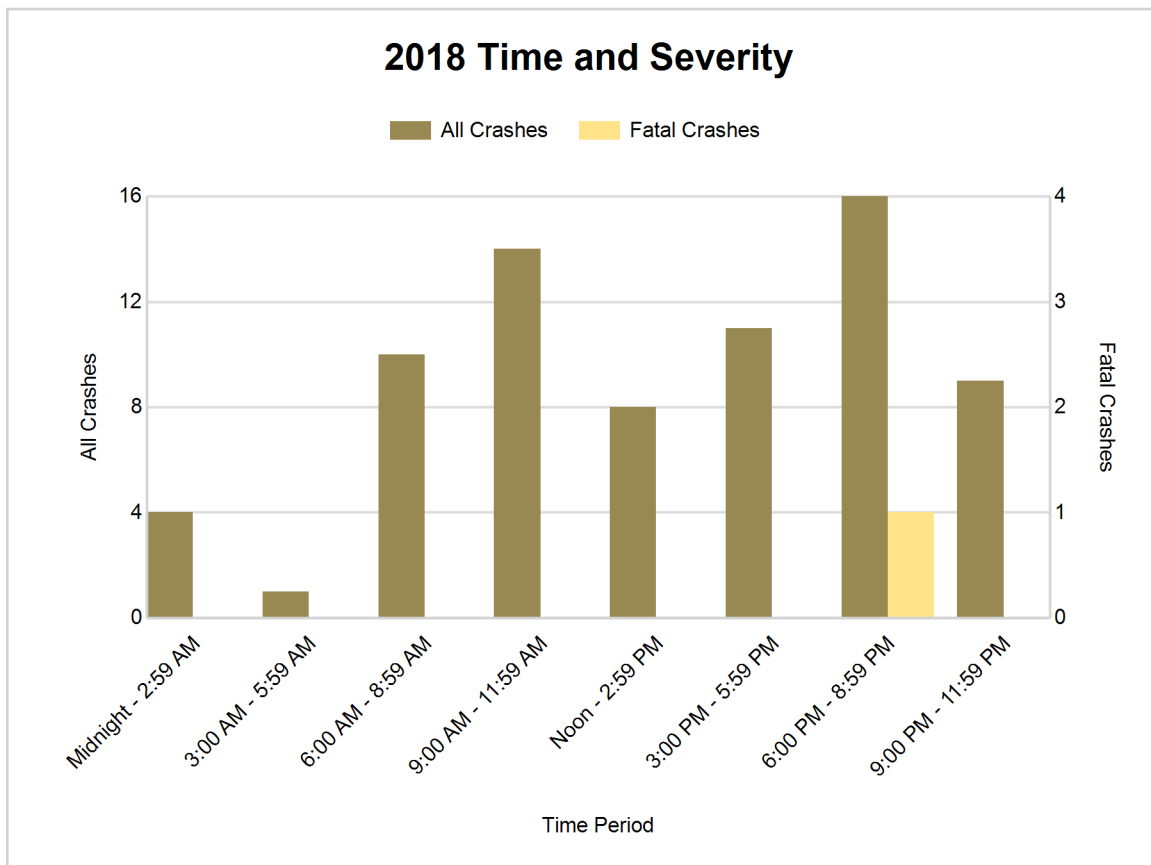
### 5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)





## 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	4	5.5	0	0.0	1	0	1	2
3:00 AM - 5:59 AM	1	1.4	0	0.0	0	0	0	1
6:00 AM - 8:59 AM	10	13.7	0	0.0	1	1	0	8
9:00 AM - 11:59 AM	14	19.2	0	0.0	1	1	0	12
Noon - 2:59 PM	8	11.0	0	0.0	1	1	0	6
3:00 PM - 5:59 PM	11	15.1	0	0.0	1	0	0	10
6:00 PM - 8:59 PM	16	21.9	1	100.0	0	0	3	12
9:00 PM - 11:59 PM	9	12.3	0	0.0	0	1	0	8
Unknown	0	0.0	0	0.0	0	0	0	0
<b>Total</b>	<b>73</b>	<b>100.0</b>	<b>1</b>	<b>100.0</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>59</b>

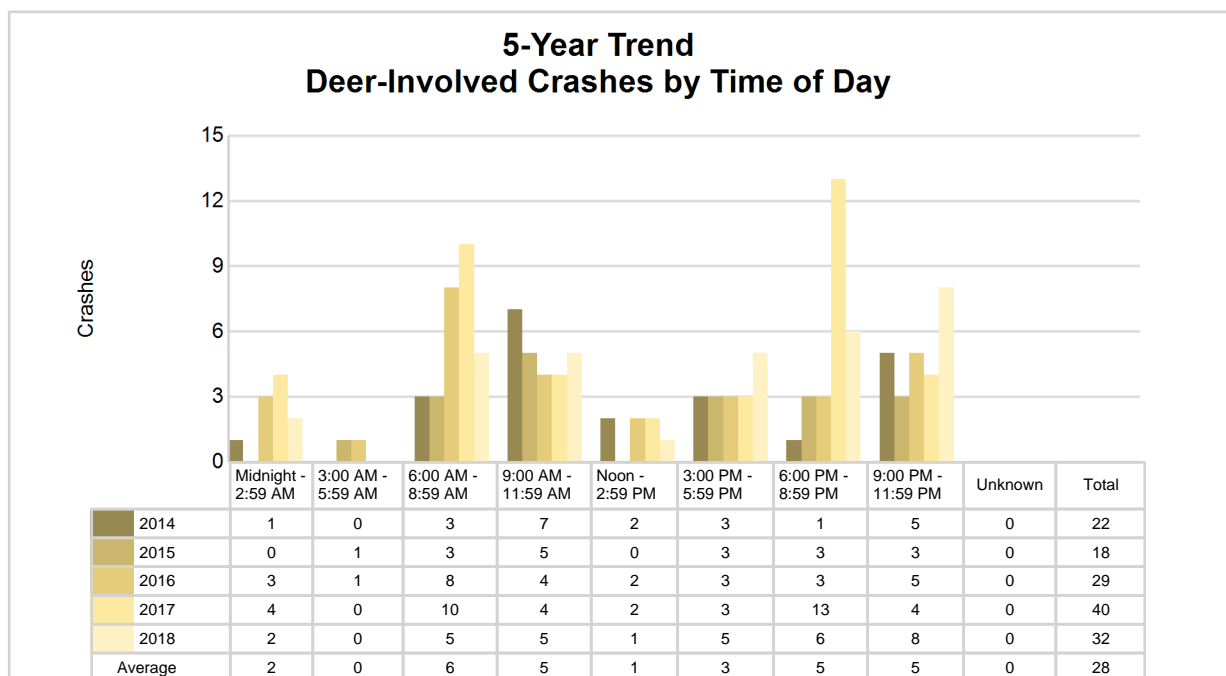




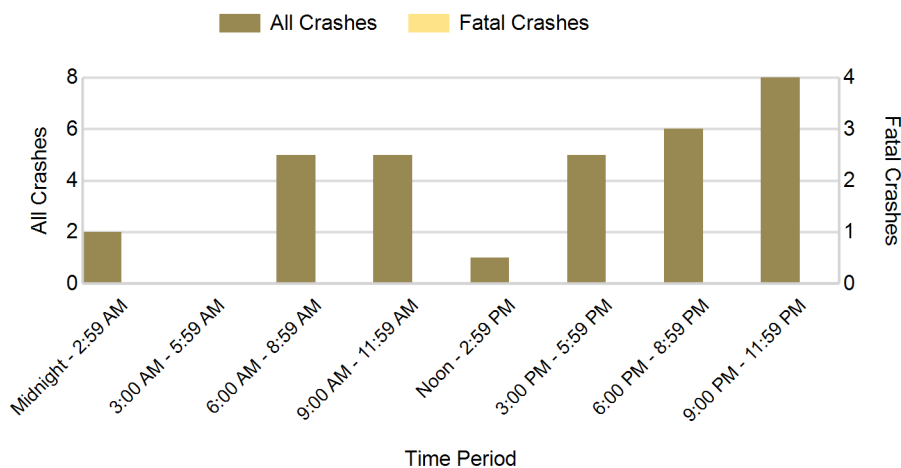
## 5-Year Trend - Deer-Involved Crashes by Time of Day

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	1	0	0	0	3	0	4	0	2	0
3:00 AM - 5:59 AM	0	0	1	0	1	0	0	0	0	0
6:00 AM - 8:59 AM	3	0	3	0	8	0	10	0	5	0
9:00 AM - 11:59 AM	7	0	5	0	4	0	4	0	5	0
Noon - 2:59 PM	2	0	0	0	2	0	2	0	1	0
3:00 PM - 5:59 PM	3	0	3	0	3	0	3	0	5	0
6:00 PM - 8:59 PM	1	0	3	0	3	0	13	0	6	0
9:00 PM - 11:59 PM	5	0	3	0	5	0	4	0	8	0
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>22</b>	<b>0</b>	<b>18</b>	<b>0</b>	<b>29</b>	<b>0</b>	<b>40</b>	<b>0</b>	<b>32</b>	<b>0</b>

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



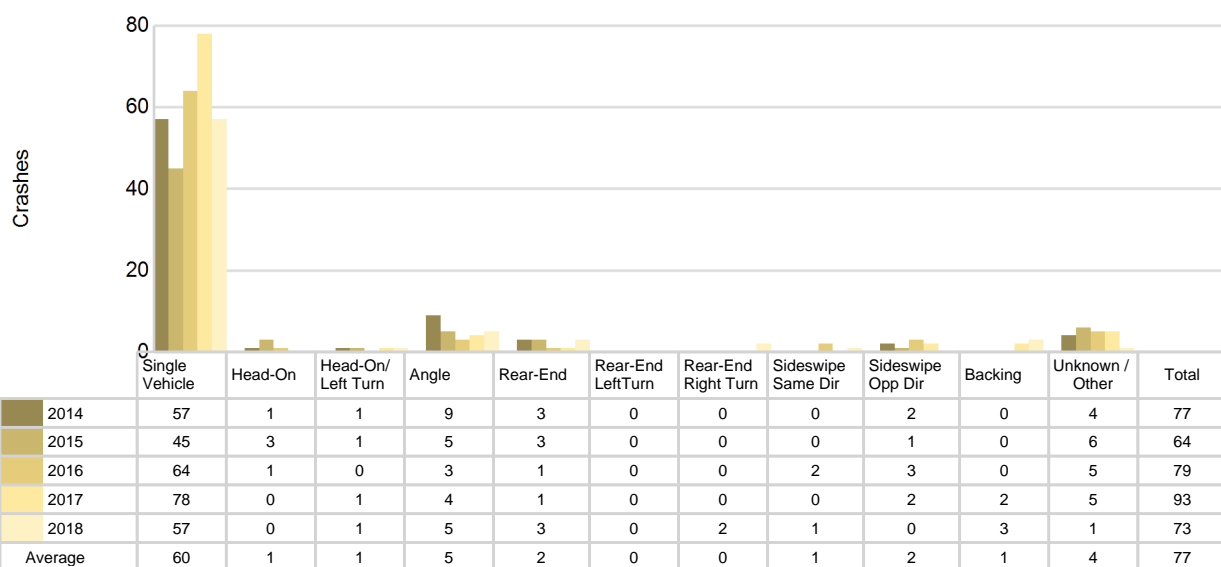
## 2018 Time and Severity of Deer-Involved Crashes



There were no fatal deer-involved crashes in Keweenaw County in 2018

## 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	57	0	45	0	64	0	78	0	57	1
Head-on	1	0	3	0	1	0	0	0	0	0
Head-on / left turn	1	0	1	0	0	0	1	0	1	0
Angle	9	0	5	0	3	0	4	0	5	0
Rear-end	3	0	3	0	1	0	1	0	3	0
Rear-end left turn	0	0	0	0	0	0	0	0	0	0
Rear-end right turn	0	0	0	0	0	0	0	0	2	0
Sideswipe same direction	0	0	0	0	2	0	0	0	1	0
Sideswipe opposite direction	2	0	1	0	3	0	2	0	0	0
Backing	0	0	0	0	0	0	2	0	3	0
Other / Unknown	4	0	6	0	5	0	5	0	1	0
<b>Total</b>	<b>77</b>	<b>0</b>	<b>64</b>	<b>0</b>	<b>79</b>	<b>0</b>	<b>93</b>	<b>0</b>	<b>73</b>	<b>1</b>

5-Year Trend  
Crashes by Crash Type

# Keweenaw County (continued)

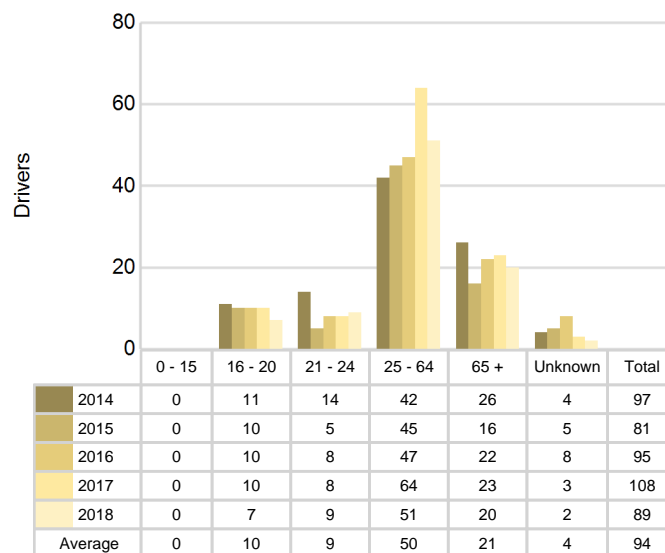
## 2018 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Ahmeek	0	0	0	0	0	0	0	0	0	0	0	0	0
Allouez Twp.	32	1	7	24	0	14	0	18	5	1	10	1	9
Eagle Harbor Twp.	15	0	2	13	0	3	6	6	1	0	7	0	2
Grant Twp.	10	0	1	9	0	6	1	3	0	0	7	0	2
Houghton Twp.	13	0	2	11	0	8	4	1	0	0	7	0	4
Sherman Twp.	3	0	1	2	0	0	0	3	0	0	1	0	1
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>73</b>	<b>1</b>	<b>13</b>	<b>59</b>	<b>0</b>	<b>31</b>	<b>11</b>	<b>31</b>	<b>6</b>	<b>1</b>	<b>32</b>	<b>1</b>	<b>18</b>

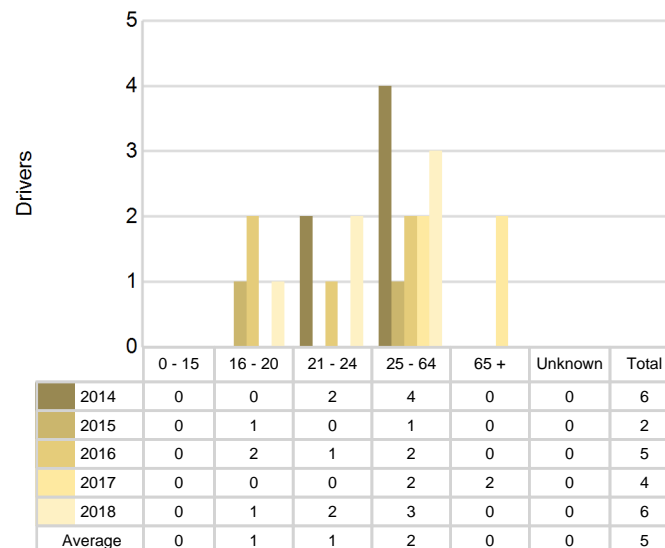
## 5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	0	0	0	0	0	0	0	0	0	0
16 - 20	11	0	10	1	10	2	10	0	7	1
21 - 24	14	2	5	0	8	1	8	0	9	2
25 - 64	42	4	45	1	47	2	64	2	51	3
65 +	26	0	16	0	22	0	23	2	20	0
Unknown	4	0	5	0	8	0	3	0	2	0
<b>Total</b>	<b>97</b>	<b>6</b>	<b>81</b>	<b>2</b>	<b>95</b>	<b>5</b>	<b>108</b>	<b>4</b>	<b>89</b>	<b>6</b>

### 5-Year Trend Total Drivers in Crashes by Age



### 5-Year Trend Total Drivers Coded Drinking by Age



## 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	1	1	1	1	0	0	1	0	0
21 - 24	2	2	2	2	0	0	2	0	0
25 - 64	4	3	3	3	0	0	0	2	1
65 +	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>7</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>1</b>

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 7 drivers in alcohol-involved crashes; 6 (85.7%) of those drivers were coded as had-been-drinking by the officer on the crash form.

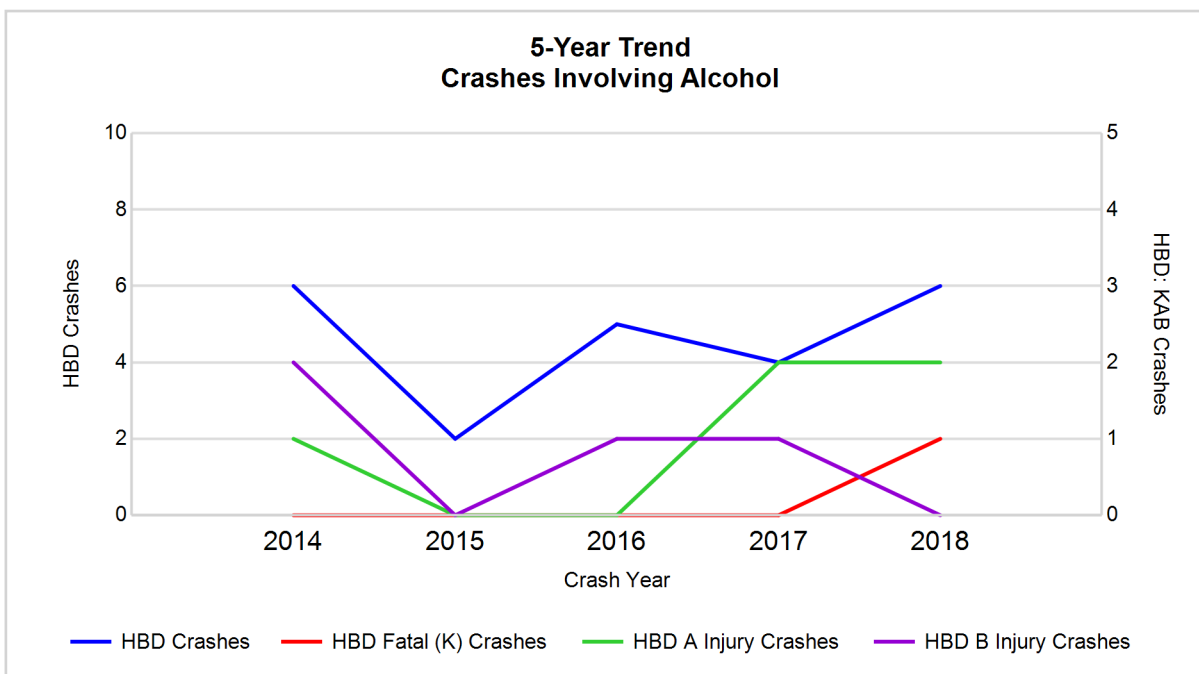
- 5 (83.3%) of the 6 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 2 (40.0%) of the 5 drivers had a BAC at or above 0.17 g/dL.
- 6 (100.0%) of the 6 drivers were coded as had-been-drinking and were tested for alcohol consumption.

## 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	77	6	7.8	0	0	0.0	5	1	20.0	7	2	28.6
2015	64	2	3.1	0	0	0.0	2	0	0.0	1	0	0.0
2016	79	5	6.3	0	0	0.0	5	0	0.0	6	1	16.7
2017	93	4	4.3	0	0	0.0	4	2	50.0	3	1	33.3
2018	73	6	8.2**	1**	1**	100.0**	5	2	40.0	4	0	0.0

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



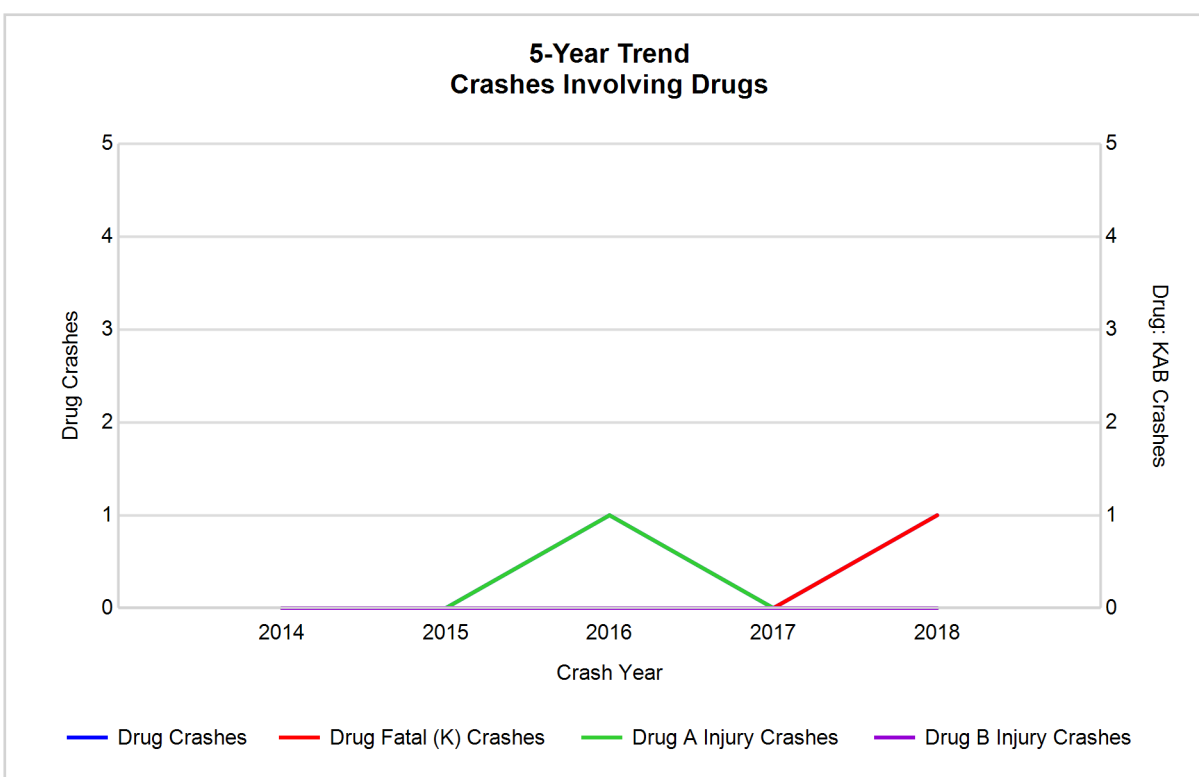
Note: Had-Been-Drinking (HBD)

## 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	77	0	0.0	0	0	0.0	5	0	0.0	7	0	0.0
2015	64	0	0.0	0	0	0.0	2	0	0.0	1	0	0.0
2016	79	1	1.3	0	0	0.0	5	1	20.0	6	0	0.0
2017	93	0	0.0	0	0	0.0	4	0	0.0	3	0	0.0
2018	73	1	1.4**	1**	1**	100.0**	5	0	0.0	4	0	0.0

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

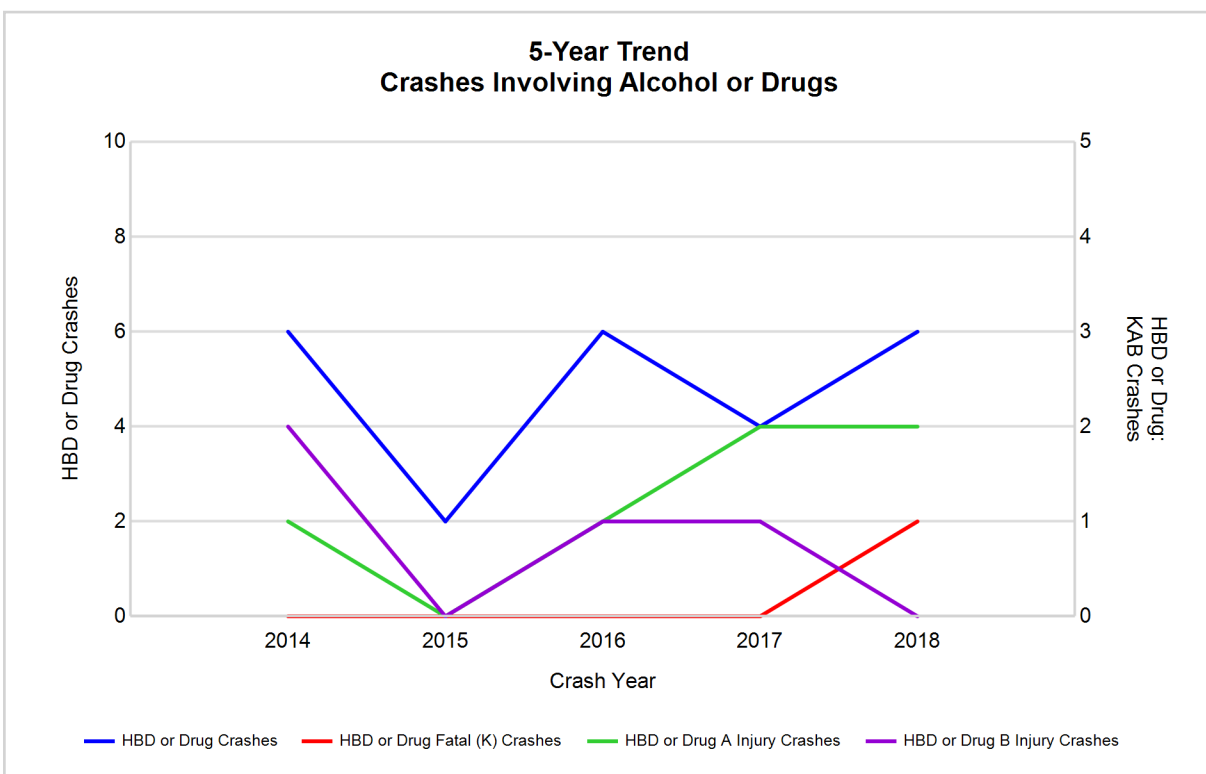


## 5-Year Trend - Crashes Involving Alcohol or Drugs

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	77	6	7.8	0	0	0.0	5	1	20.0	7	2	28.6
2015	64	2	3.1	0	0	0.0	2	0	0.0	1	0	0.0
2016	79	6	7.6	0	0	0.0	5	1	20.0	6	1	16.7
2017	93	4	4.3	0	0	0.0	4	2	50.0	3	1	33.3
2018	73	6	8.2**	1**	1**	100.0**	5	2	40.0	4	0	0.0

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)

## 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	61	53	86.9	0	0	0.0	4	2	50.0	5	3	60.0	3	3	100.0	48	45	93.8
Motor home	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Pickup truck	25	18	72.0	1	0	0.0	2	0	0.0	0	0	0.0	1	1	100.0	21	17	81.0
Small truck under 10,000 lbs. GVWR	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Motorcycle	3	3	100.0	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0	2	2	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	2	2	100.0	0	0	0.0	1	1	100.0	1	1	100.0	0	0	0.0	0	0	0.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Other	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Truck/bus over 10,000 lbs.	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Unknown	1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
<b>Total</b>	<b>94</b>	<b>78</b>	<b>83.0</b>	<b>1</b>	<b>0</b>	<b>0.0</b>	<b>8</b>	<b>4</b>	<b>50.0</b>	<b>6</b>	<b>4</b>	<b>66.7</b>	<b>4</b>	<b>4</b>	<b>100.0</b>	<b>73</b>	<b>66</b>	<b>90.4</b>

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	2	1	50.0	0	0	0.0	1	1	100.0	1	0	0.0	0	0	0.0	0	0	0.0
16 - 20	7	7	100.0	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0	6	6	100.0
21 - 24	9	7	77.8	0	0	0.0	0	0	0.0	1	1	100.0	1	1	100.0	7	5	71.4
25 - 64	54	43	79.6	1	0	0.0	6	2	33.3	3	2	66.7	3	3	100.0	41	36	87.8
65 +	20	20	100.0	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	19	19	100.0
Unknown	2	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
<b>Total</b>	<b>94</b>	<b>78</b>	<b>83.0</b>	<b>1</b>	<b>0</b>	<b>0.0</b>	<b>8</b>	<b>4</b>	<b>50.0</b>	<b>6</b>	<b>4</b>	<b>66.7</b>	<b>4</b>	<b>4</b>	<b>100.0</b>	<b>73</b>	<b>66</b>	<b>90.4</b>

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	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	2	0	0	0	0	0	0	0	0	0	0	0
Shoulder belt only used	0	0	0	1	0	0	0	0	0	1	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	81	0	9	63	0	5	74	0	7	92	0	4	72	0	8
No belts used	1	0	1	1	0	0	2	0	0	1	0	1	3	1	1
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	1	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	1	0	0	1	0	0	10	0	0	11	0	0	10	0	2
Helmet worn	8	0	5	6	0	4	7	0	7	2	0	2	4	0	2
Helmet not worn	2	0	2	0	0	0	1	0	1	0	0	0	0	0	0
Helmet use unknown	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Uncoded & errors	4	0	0	6	0	0	1	0	0	0	0	0	0	0	0
<b>Total</b>	<b>97</b>	<b>0</b>	<b>17</b>	<b>81</b>	<b>0</b>	<b>9</b>	<b>95</b>	<b>0</b>	<b>15</b>	<b>108</b>	<b>0</b>	<b>8</b>	<b>89</b>	<b>1</b>	<b>13</b>

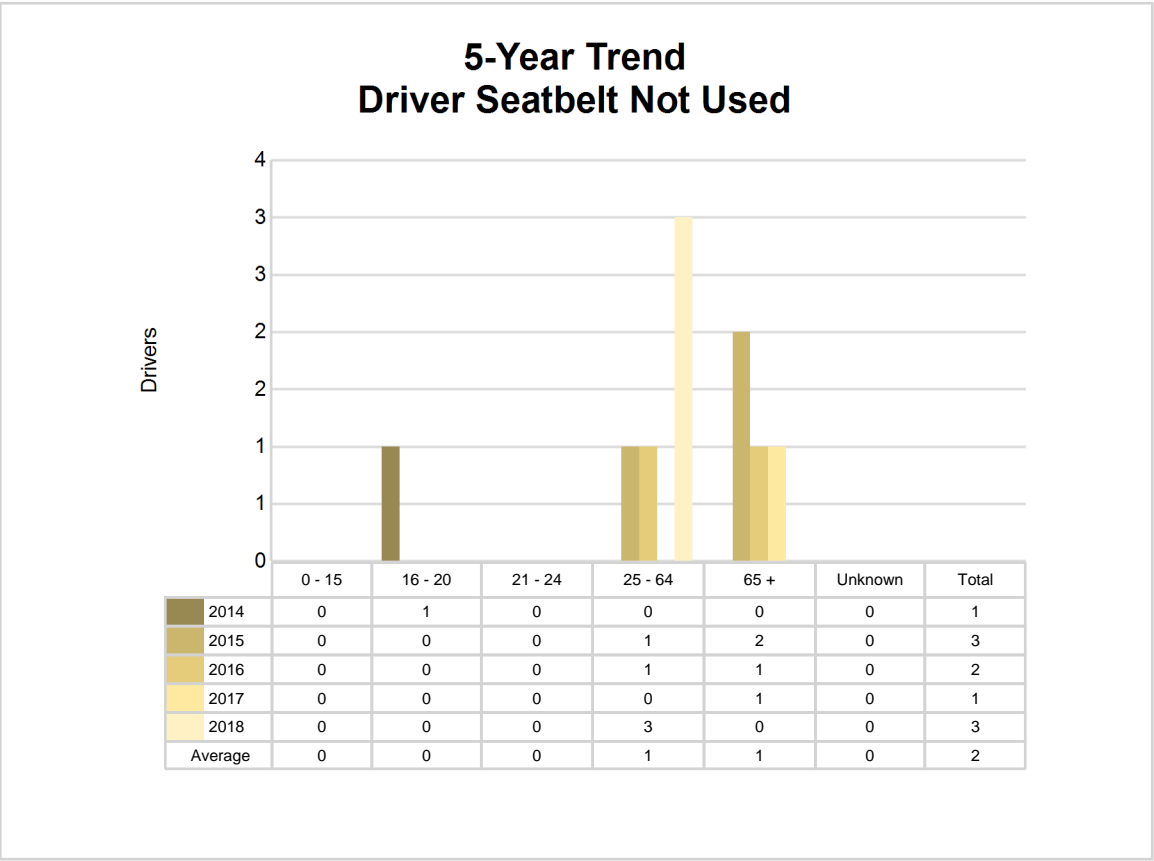
## 5-Year Trend - Restraint Use Among Drivers Coded Drinking

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	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	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	4	0	2	1	0	1	3	0	2	1	0	0	3	0	2
No belts used	0	0	0	0	0	0	1	0	0	1	0	1	1	1	0
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	1	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	1	0	0	0	0	0	1	0	0	1	0	0	2	0	1
Helmet worn	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Helmet not worn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Helmet use unknown	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Uncoded & errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>6</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>3</b>

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	0	0	0	0	0	0	0	0	0	0	0	0
16 - 20	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
21 - 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 - 64	0	0	0	1	0	0	1	0	0	0	0	0	3	1	1
65 +	0	0	0	2	0	0	1	0	0	1	0	1	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	1	3	0	0	2	0	0	1	0	1	3	1	1

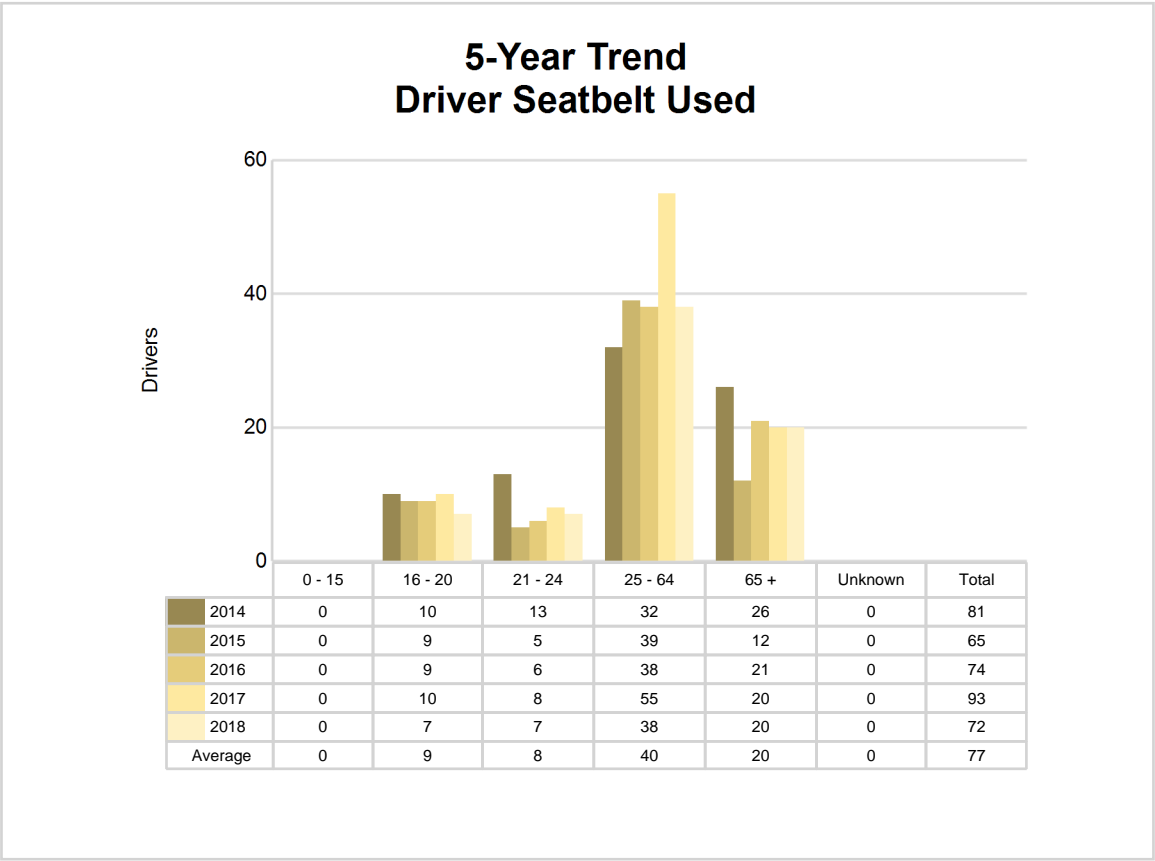
Note: Seatbelt Not Used includes no belts available or no belts used.



5-Year Trend - Seatbelt Used Among Drivers by Age

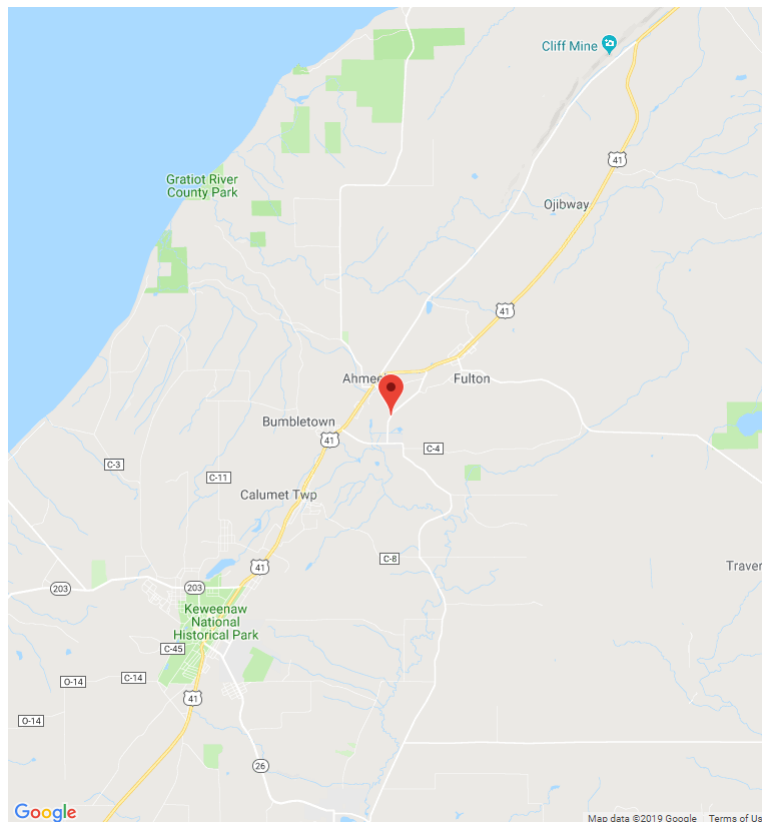
Age Group	2014			2015			2016			2017			2018		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 - 20	10	0	3	9	0	2	9	0	3	10	0	0	7	0	1
21 - 24	13	0	2	5	0	1	6	0	1	8	0	0	7	0	2
25 - 64	32	0	1	39	0	2	38	0	1	55	0	1	38	0	4
65 +	26	0	3	12	0	0	21	0	2	20	0	3	20	0	1
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	81	0	9	65	0	5	74	0	7	93	0	4	72	0	8

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	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	44	0	42	0	53	0	69	0	57	0
Speed too fast	18	0	18	0	14	0	16	0	11	1
Speed too slow	0	0	1	0	0	0	0	0	0	0
Failed to yield	5	0	3	0	2	0	4	0	3	0
Disregard traffic control	0	0	0	0	0	0	0	0	0	0
Drove wrong way	0	0	0	0	0	0	0	0	0	0
Drove left of center	0	0	0	0	0	0	0	0	0	0
Improper passing	0	0	0	0	0	0	0	0	0	0
Improper lane use	0	0	1	0	0	0	0	0	0	0
Improper turn	0	0	0	0	1	0	0	0	1	0
Improper/no signal	0	0	0	0	0	0	0	0	0	0
Improper backing	1	0	4	0	3	0	2	0	1	0
Unable to stop in assured clear distance	4	0	1	0	3	0	2	0	3	0
Other	2	0	0	0	3	0	6	0	1	0
Unknown	6	0	3	0	9	0	4	0	0	0
Reckless driving	2	0	1	0	1	0	0	0	2	0
Careless/negligent driving	13	0	6	0	6	0	5	0	10	0
Uncoded & errors	2	0	1	0	0	0	0	0	0	0
<b>Total</b>	<b>97</b>	<b>0</b>	<b>81</b>	<b>0</b>	<b>95</b>	<b>0</b>	<b>108</b>	<b>0</b>	<b>89</b>	<b>1</b>



The picture above represents all 2018 alcohol-involved fatal crashes in Keweenaw County.

In 2018, there were 6 alcohol-involved crashes in Keweenaw County:

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

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