



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)



## Osceola County

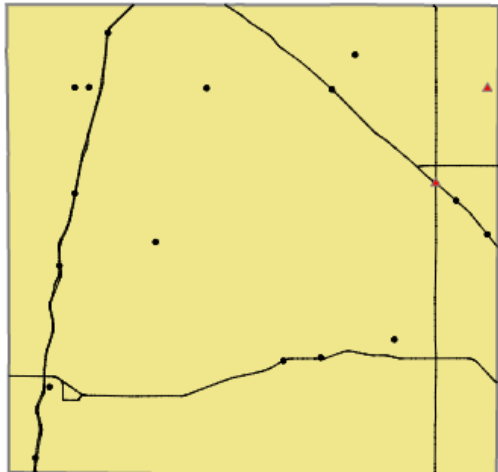
### 2016 Traffic Crash Data & 2012-2016 5-Year Trends



### 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 (2/2)
- A - Suspected Serious (18/18)

## Osceola County

In 2016:

There were 1,308 drivers involved in 1,115 motor vehicle crashes in Osceola County. Of those crashes, 2 were classified as fatal, resulting in 2 fatalities. An additional 160 persons were injured.

Osceola County experienced the highest number of motor vehicle crashes (156) in November, the highest number of fatal crashes (1) and the highest number of persons killed (1) in May and June.

Michigan driver statistics indicate 6.1 percent of licensed drivers in Osceola County were age 16-20, and 9.8 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	116	0	16	100	0	17
February	79	0	7	72	0	9
March	68	0	8	60	0	11
April	60	0	7	53	0	7
May	75	1	9	65	1	14
June	87	1	10	76	1	16
July	60	0	9	51	0	9
August	63	0	10	53	0	14
September	78	0	8	70	0	14
October	142	0	10	132	0	15
November	156	0	12	144	0	14
December	131	0	13	118	0	20
<b>Total</b>	<b>1,115</b>	<b>2</b>	<b>119</b>	<b>994</b>	<b>2</b>	<b>160</b>

## 2016 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2016 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	4,628	113	3	6.5	265.5
16 - 20	1,357	1,017	128	943.3	1,258.6
21 - 24	996	897	108	1,084.3	1,204.0
25 - 64	11,506	10,499	888	771.8	845.8
65 +	4,623	4,272	159	343.9	372.2
Unknown	0	0	22	- -	- -
<b>Total</b>	<b>23,110</b>	<b>16,798</b>	<b>1,308</b>	<b>566.0</b>	<b>778.7</b>

## 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	899	68.7	3	75.0	105	791
Motor home	33	2.5	0	0.0	2	31
Pickup truck	300	22.9	1	25.0	41	258
Small truck under 10,000 lbs. GVWR	12	0.9	0	0.0	0	12
Motorcycle	13	1.0	0	0.0	11	2
Moped / goped	1	0.1	0	0.0	1	0
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	2	0.2	0	0.0	1	1
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	4	0.3	0	0.0	4	0
Other	5	0.4	0	0.0	0	5
Truck/bus over 10,000 lbs.	36	2.8	0	0.0	6	30
Unknown	3	0.2	0	0.0	0	3
<b>Total</b>	<b>1,308</b>	<b>100.0</b>	<b>4</b>	<b>100.0</b>	<b>171</b>	<b>1,133</b>

## 5-Year Trend - Crashes by Month

Month	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
January	132	0	125	0	128	0	84	0	116	0
February	79	1	95	1	75	1	60	0	79	0
March	74	0	94	0	80	0	69	0	68	0
April	69	0	65	0	54	0	58	1	60	0
May	85	1	72	0	79	1	64	0	75	1
June	95	0	93	0	87	1	84	0	87	1
July	54	0	73	1	74	0	77	2	60	0
August	55	1	64	0	64	0	62	1	63	0
September	95	0	78	0	69	0	75	1	78	0
October	134	0	116	3	119	0	123	0	142	0
November	140 †	0	164 †	0	187 †	0	150 †	1	156 †	0
December	115	0	108	0	85	0	85	0	131	0
<b>Total</b>	<b>1,127</b>	<b>3</b>	<b>1,147</b>	<b>5</b>	<b>1,101</b>	<b>3</b>	<b>991</b>	<b>6</b>	<b>1,115</b>	<b>2</b>

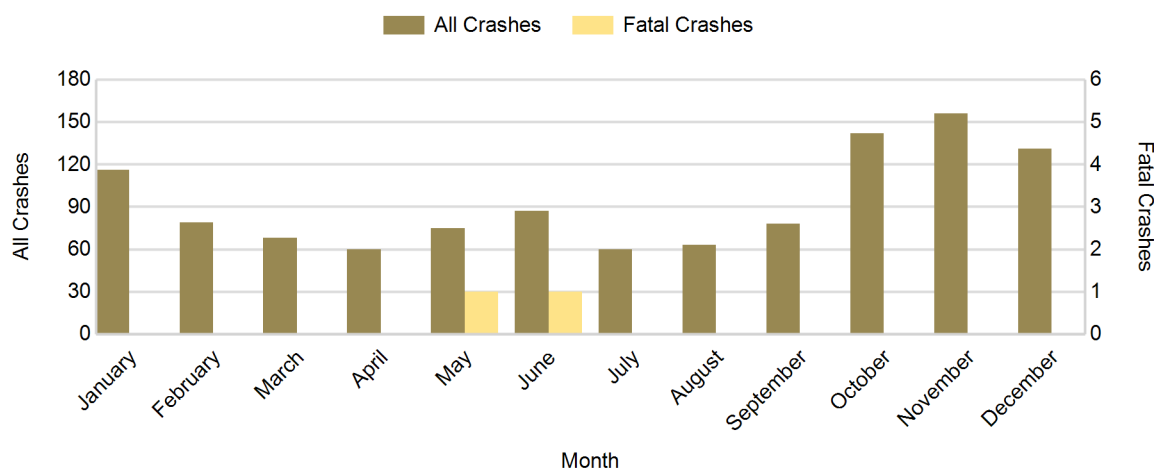
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

## 5-Year Trend - Crashes by Day of Week

Day	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
Monday	133	0	170	0	159	0	141	1	176	1
Tuesday	158	0	163	1	139	0	137	0	145	0
Wednesday	148	0	169	2	163	0	138	0	190	0
Thursday	164	1	175	0	146	0	124	0	178	0
Friday	204	1	154	1	164	2	158	2	164	1
Saturday	155	0	161	0	158	1	153	3	138	0
Sunday	165	1	155	1	172	0	140	0	124	0
<b>Total</b>	<b>1,127</b>	<b>3</b>	<b>1,147</b>	<b>5</b>	<b>1,101</b>	<b>3</b>	<b>991</b>	<b>6</b>	<b>1,115</b>	<b>2</b>

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

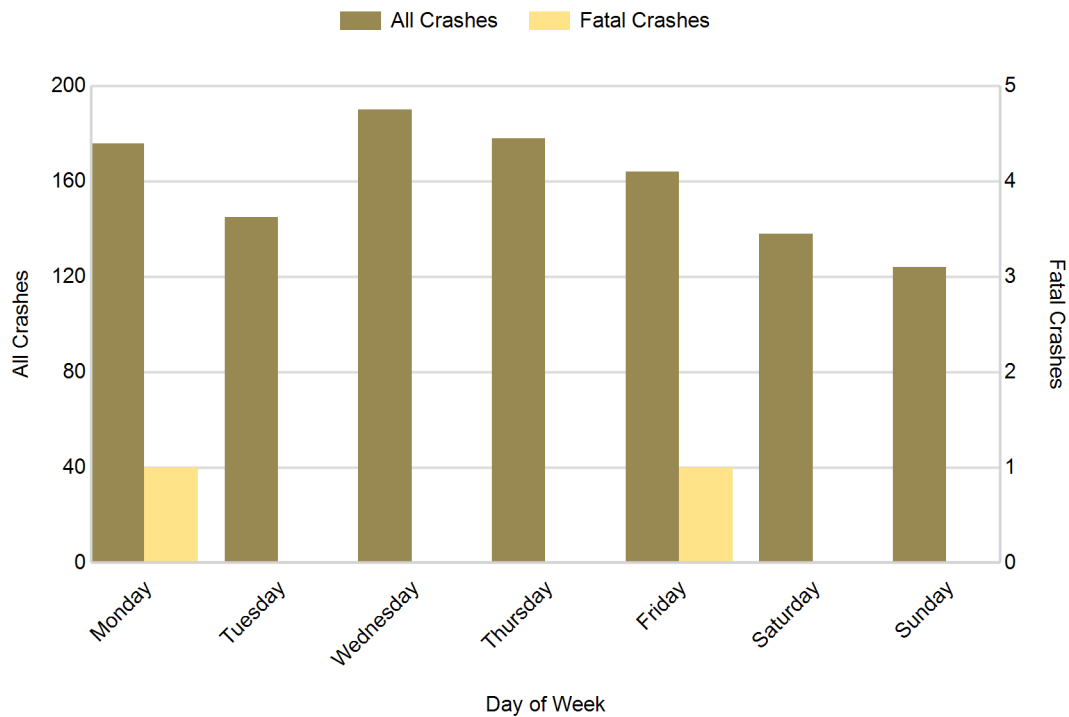
## 2016 Crashes by Month



## 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	176	15.8	1	50.0	2	9	10	154
Tuesday	145	13.0	0	0.0	4	5	7	129
Wednesday	190	17.0	0	0.0	0	6	14	170
Thursday	178	16.0	0	0.0	3	4	10	161
Friday	164	14.7	1	50.0	6	6	5	146
Saturday	138	12.4	0	0.0	2	8	11	117
Sunday	124	11.1	0	0.0	1	3	3	117
<b>Total</b>	<b>1,115</b>	<b>100.0</b>	<b>2</b>	<b>100.0</b>	<b>18</b>	<b>41</b>	<b>60</b>	<b>994</b>

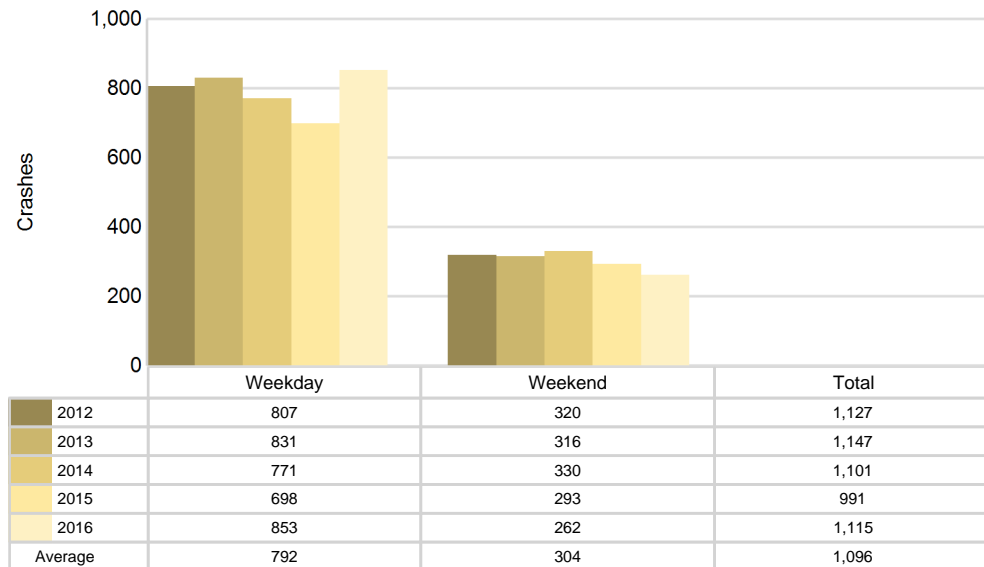
## 2016 Day of Week and Severity



## 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	807	2	831	4	771	2	698	3	853	2
Weekend	320	1	316	1	330	1	293	3	262	0
<b>Total</b>	<b>1,127</b>	<b>3</b>	<b>1,147</b>	<b>5</b>	<b>1,101</b>	<b>3</b>	<b>991</b>	<b>6</b>	<b>1,115</b>	<b>2</b>

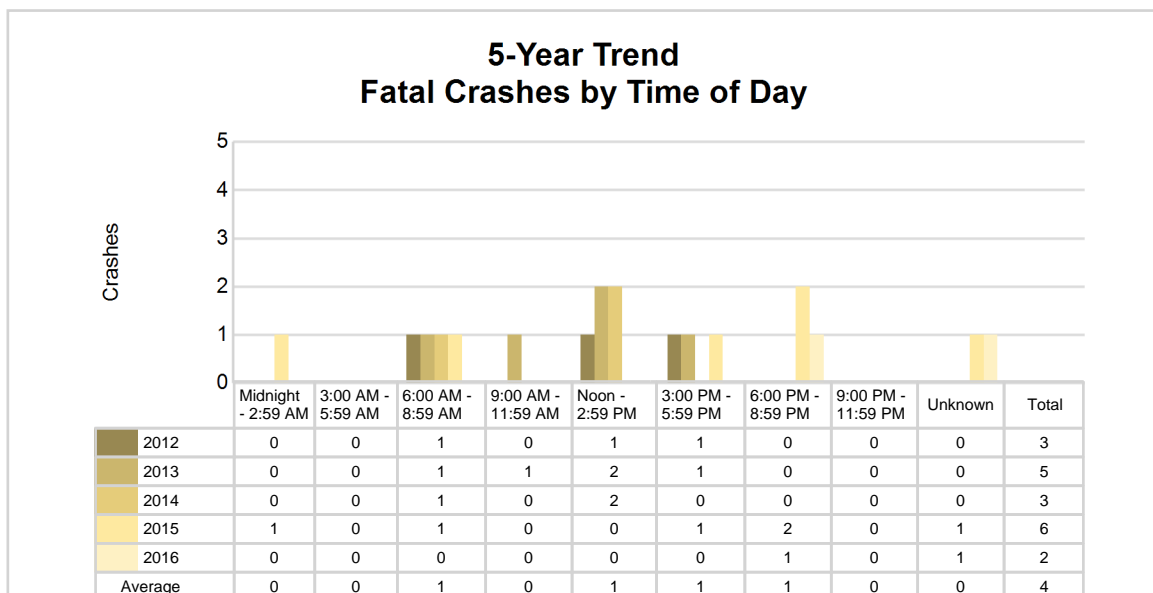
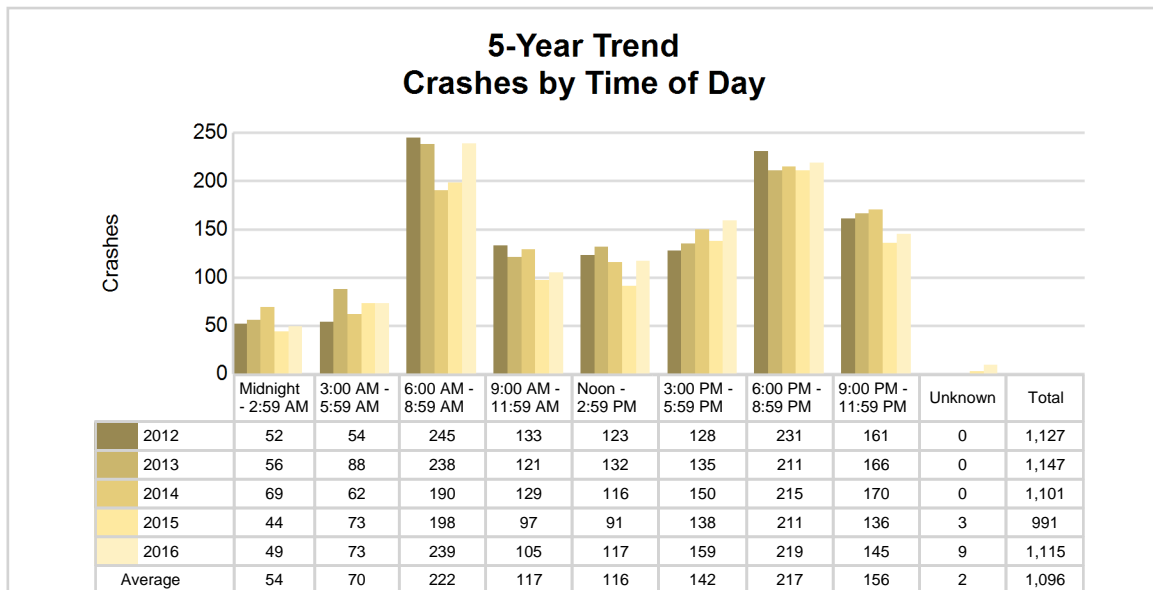
### 5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



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

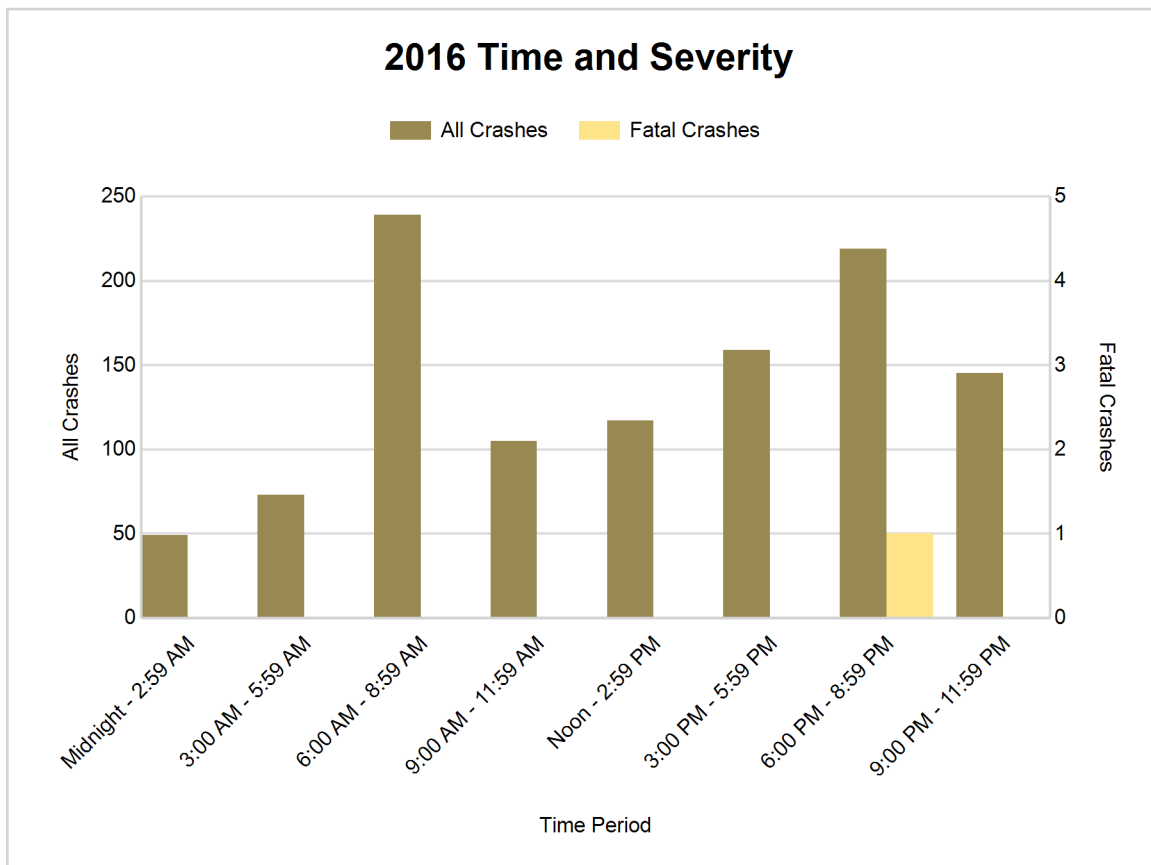
Time of Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	52	0	56	0	69	0	44	1	49	0
3:00 AM - 5:59 AM	54	0	88	0	62	0	73	0	73	0
6:00 AM - 8:59 AM	245	1	238	1	190	1	198	1	239	0
9:00 AM - 11:59 AM	133	0	121	1	129	0	97	0	105	0
Noon - 2:59 PM	123	1	132	2	116	2	91	0	117	0
3:00 PM - 5:59 PM	128	1	135	1	150	0	138	1	159	0
6:00 PM - 8:59 PM	231	0	211	0	215	0	211	2	219	1
9:00 PM - 11:59 PM	161	0	166	0	170	0	136	0	145	0
Unknown	0	0	0	0	0	0	3	1	9	1
<b>Total</b>	<b>1,127</b>	<b>3</b>	<b>1,147</b>	<b>5</b>	<b>1,101</b>	<b>3</b>	<b>991</b>	<b>6</b>	<b>1,115</b>	<b>2</b>

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



## 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	49	4.4	0	0.0	0	2	1	46
3:00 AM - 5:59 AM	73	6.5	0	0.0	1	2	2	68
6:00 AM - 8:59 AM	239	21.4	0	0.0	2	5	12	220
9:00 AM - 11:59 AM	105	9.4	0	0.0	2	6	8	89
Noon - 2:59 PM	117	10.5	0	0.0	3	9	9	96
3:00 PM - 5:59 PM	159	14.3	0	0.0	5	8	15	131
6:00 PM - 8:59 PM	219	19.6	1	50.0	3	5	10	200
9:00 PM - 11:59 PM	145	13.0	0	0.0	2	2	3	138
Unknown	9	0.8	1	50.0	0	2	0	6
<b>Total</b>	<b>1,115</b>	<b>100.0</b>	<b>2</b>	<b>100.0</b>	<b>18</b>	<b>41</b>	<b>60</b>	<b>994</b>

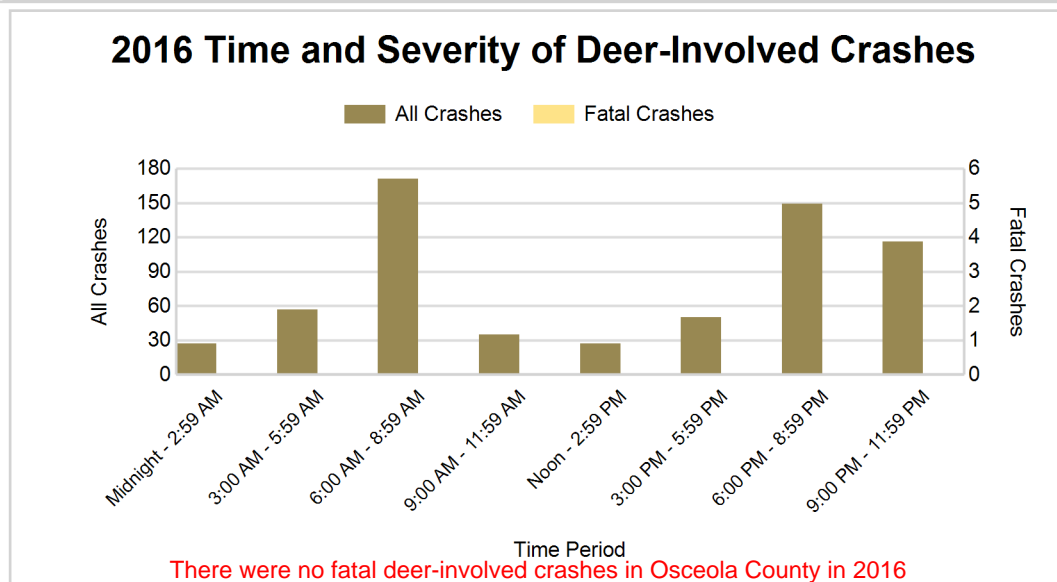
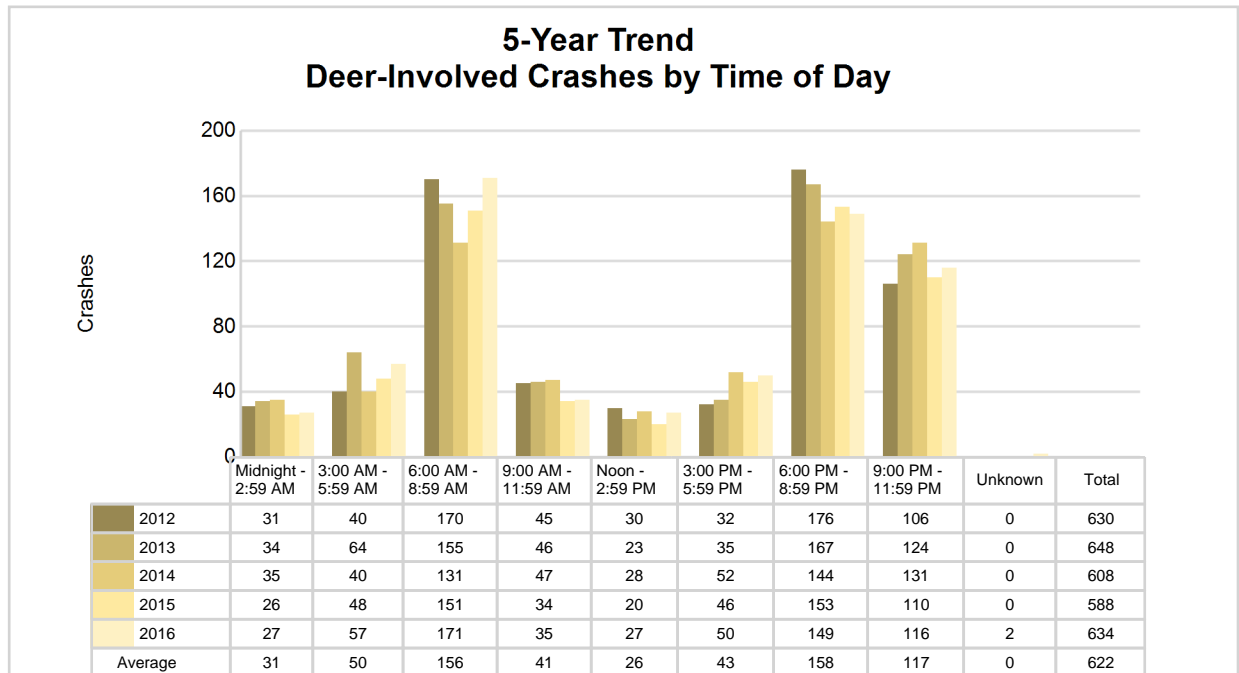




## 5-Year Trend - Deer-Involved Crashes by Time of Day

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	31	0	34	0	35	0	26	0	27	0
3:00 AM - 5:59 AM	40	0	64	0	40	0	48	0	57	0
6:00 AM - 8:59 AM	170	0	155	0	131	0	151	0	171	0
9:00 AM - 11:59 AM	45	0	46	0	47	0	34	0	35	0
Noon - 2:59 PM	30	0	23	0	28	0	20	0	27	0
3:00 PM - 5:59 PM	32	0	35	0	52	0	46	0	50	0
6:00 PM - 8:59 PM	176	0	167	0	144	0	153	0	149	0
9:00 PM - 11:59 PM	106	0	124	0	131	0	110	0	116	0
Unknown	0	0	0	0	0	0	0	0	2	0
<b>Total</b>	<b>630</b>	<b>0</b>	<b>648</b>	<b>0</b>	<b>608</b>	<b>0</b>	<b>588</b>	<b>0</b>	<b>634</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



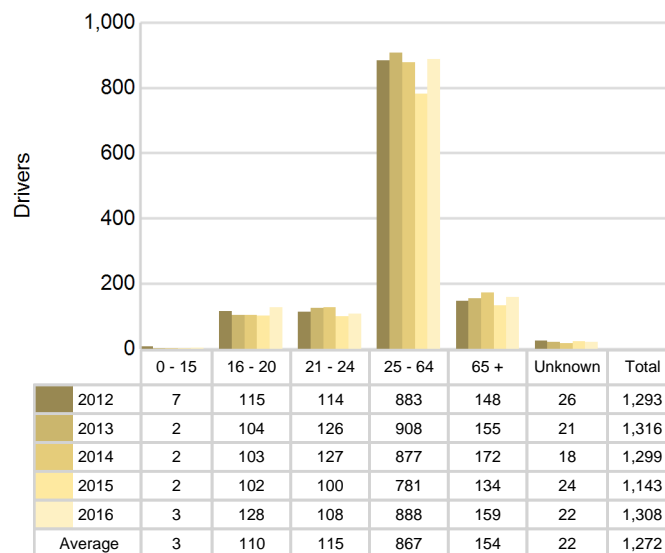
## 2016 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Burdell Twp.	94	0	10	84	0	56	0	37	2	0	55	0	16
Cedar Twp.	12	0	2	10	0	0	0	12	0	0	7	0	2
Evart	33	0	4	29	0	17	0	16	1	1	7	0	4
Evart Twp.	48	0	3	45	0	12	0	36	2	0	33	0	6
Hartwick Twp.	29	0	1	28	0	0	0	29	0	0	23	0	1
Hersey	10	0	1	9	0	0	0	10	0	0	2	0	1
Hersey Twp.	75	0	8	67	0	46	0	29	1	0	41	0	9
Highland Twp.	78	0	11	67	0	0	42	36	1	0	46	0	13
Le Roy	10	0	0	10	0	0	0	10	1	0	4	0	0
Le Roy Twp.	54	0	5	49	0	28	0	26	0	0	28	0	5
Lincoln Twp.	70	0	11	59	0	37	0	33	0	0	37	0	18
Marion	6	0	3	3	0	0	3	3	1	0	3	0	6
Marion Twp.	33	1	1	31	0	0	9	24	2	1	26	1	2
Middle Branch Twp.	64	1	11	52	0	0	54	10	3	0	37	1	17
Orient Twp.	42	0	2	40	0	6	20	16	0	0	33	0	2
Osceola Twp.	60	0	8	52	0	27	0	33	1	0	35	0	9
Reed City	46	0	7	39	0	24	0	21	1	1	13	0	11
Richmond Twp.	180	0	15	165	0	83	0	95	2	0	105	0	22
Rose Lake Twp.	30	0	3	27	0	0	0	30	1	0	17	0	3
Sherman Twp.	76	0	9	67	0	1	6	69	2	1	46	0	9
Sylvan Twp.	60	0	4	56	0	32	16	12	1	0	36	0	4
Tustin	5	0	0	5	0	0	0	5	0	0	0	0	0
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,115</b>	<b>2</b>	<b>119</b>	<b>994</b>	<b>0</b>	<b>369</b>	<b>150</b>	<b>592</b>	<b>22</b>	<b>4</b>	<b>634</b>	<b>2</b>	<b>160</b>

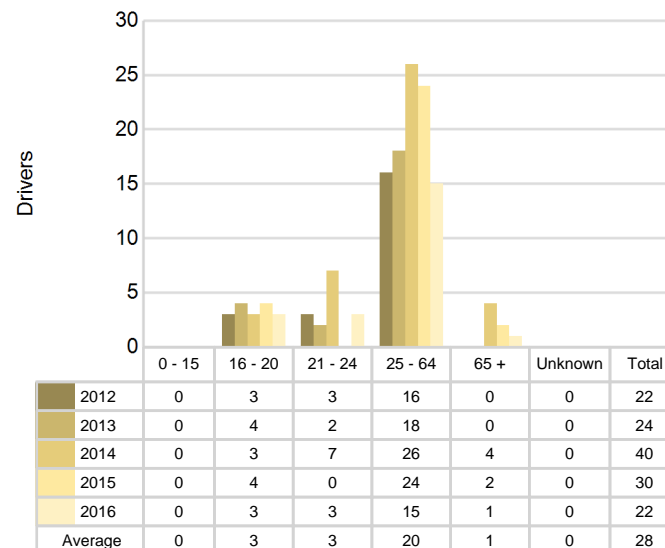
## 5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	7	0	2	0	2	0	2	0	3	0
16 - 20	115	3	104	4	103	3	102	4	128	3
21 - 24	114	3	126	2	127	7	100	0	108	3
25 - 64	883	16	908	18	877	26	781	24	888	15
65 +	148	0	155	0	172	4	134	2	159	1
Unknown	26	0	21	0	18	0	24	0	22	0
<b>Total</b>	<b>1,293</b>	<b>22</b>	<b>1,316</b>	<b>24</b>	<b>1,299</b>	<b>40</b>	<b>1,143</b>	<b>30</b>	<b>1,308</b>	<b>22</b>

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



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



**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	3	5	2	3	0	0	1	1	1
21 - 24	5	5	2	3	0	0	2	0	1
25 - 64	18	23	13	15	1	1	4	5	4
65 +	1	1	1	1	0	0	0	1	0
Unknown	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>27</b>	<b>34</b>	<b>18</b>	<b>22</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>7</b>	<b>6</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 2016, there were 27 drivers in alcohol-involved crashes; 22 (81.5%) of those drivers were coded as had-been-drinking by the officer on the crash form.

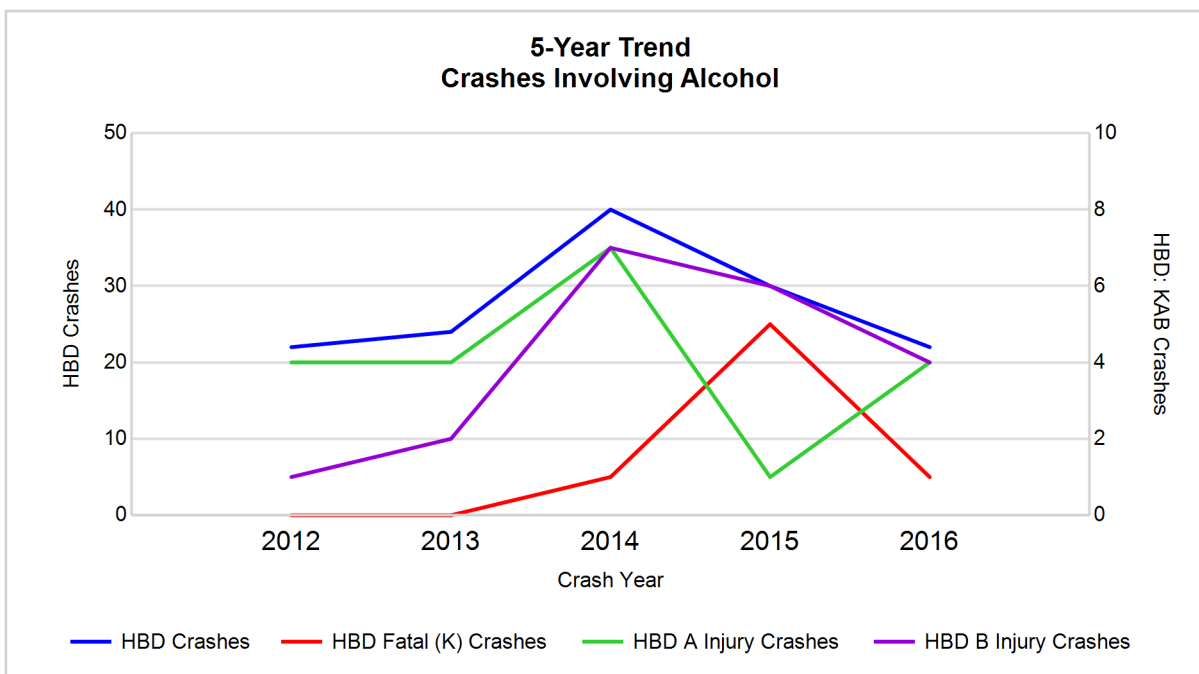
- 14 (63.6%) of the 22 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 7 (50.0%) of the 14 drivers had a BAC at or above 0.17 g/dL.
- 18 (81.8%) of the 22 drivers were coded as had-been-drinking and were tested for alcohol consumption.

**5-Year Trend - Crashes Involving Alcohol**

Year	All Crashes	HBD Crashes	% HBD	Fatal Crashes	HBD Fatal Crashes	% HBD	A Injury Crashes	HBD A Injury Crashes	% HBD	B Injury Crashes	HBD B Injury Crashes	% HBD
2012	1,127	22	2.0	3	0	0.0	30	4	13.3	32	1	3.1
2013	1,147	24	2.1	5	0	0.0	18	4	22.2	33	2	6.1
2014	1,101	40	3.6	3	1	33.3	23	7	30.4	36	7	19.4
2015	991	30	3.0	6	5	83.3	12	1	8.3	30	6	20.0
2016	1,115	22	2.0	2*	1	50.0	18	4	22.2	41**	4	9.8

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



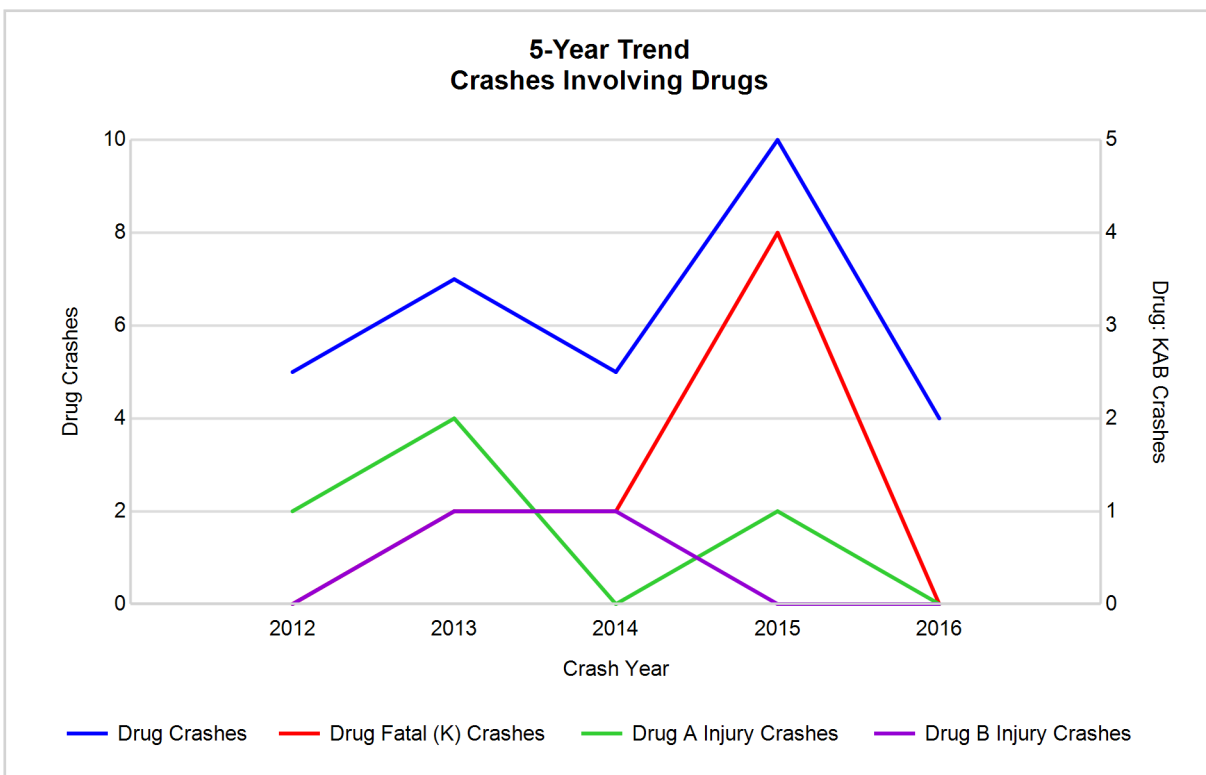
Note: Had-Been-Drinking (HBD)

## 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	1,127	5	0.4	3	0	0.0	30	1	3.3	32	0	0.0
2013	1,147	7	0.6	5	1	20.0	18	2	11.1	33	1	3.0
2014	1,101	5	0.5	3	1	33.3	23	0	0.0	36	1	2.8
2015	991	10	1.0	6	4	66.7	12	1	8.3	30	0	0.0
2016	1,115	4*	0.4	2*	0	0.0	18	0	0.0	41**	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

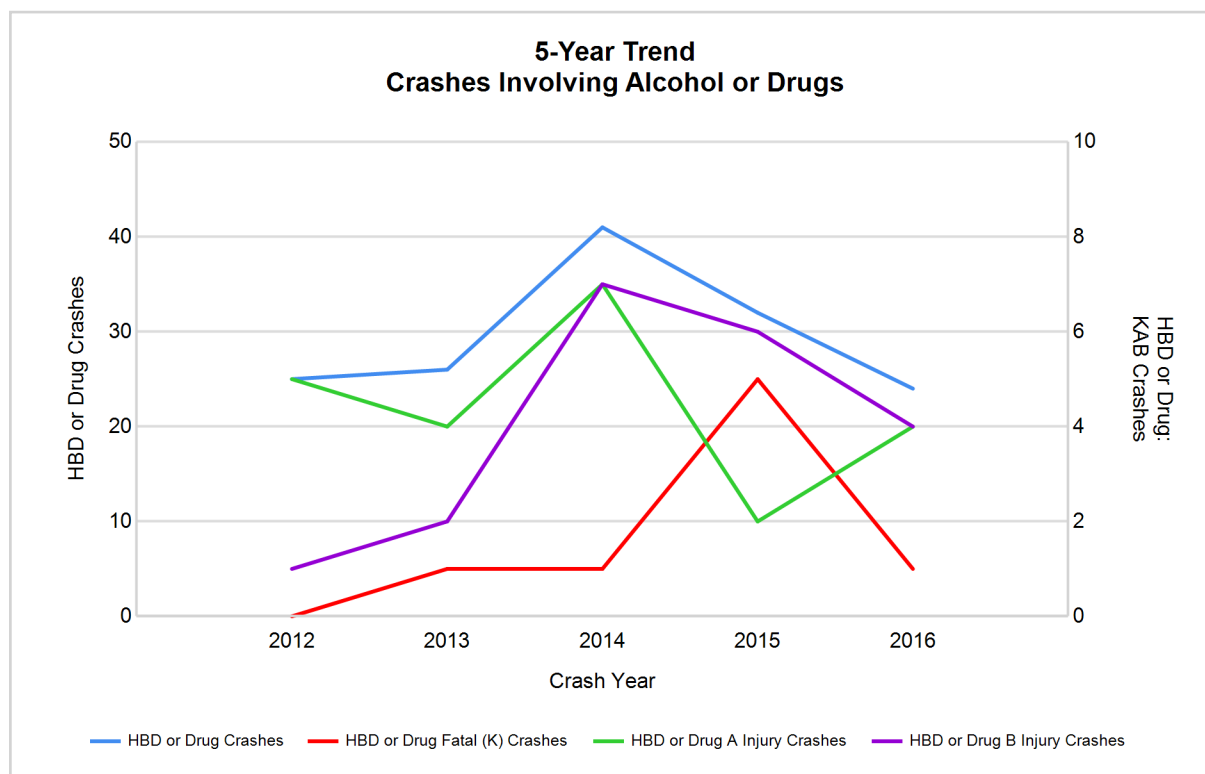


## 5-Year Trend - Crashes Involving Alcohol or Drugs

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
2012	1,127	25	2.2	3	0	0.0	30	5	16.7	32	1	3.1
2013	1,147	26	2.3	5	1	20.0	18	4	22.2	33	2	6.1
2014	1,101	41	3.7	3	1	33.3	23	7	30.4	36	7	19.4
2015	991	32	3.2	6	5	83.3	12	2	16.7	30	6	20.0
2016	1,115	24*	2.2	2*	1	50.0	18	4	22.2	41**	4	9.8

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



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	934	888	95.1	1	0	0.0	13	7	53.8	28	25	89.3	67	64	95.5	810	792	97.8
Motor home	33	31	93.9	0	0	0.0	0	0	0.0	1	1	100.0	1	1	100.0	29	29	100.0
Pickup truck	312	301	96.5	1	0	0.0	2	2	100.0	12	12	100.0	16	14	87.5	278	273	98.2
Small truck under 10,000 lbs. GVWR	12	12	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	12	12	100.0
Motorcycle	14	10	71.4	0	0	0.0	4	2	50.0	3	3	100.0	3	2	66.7	4	3	75.0
Moped / goped	1	0	0.0	0	0	0.0	0	0	0.0	1	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	0	0	0.0	0	0	0.0	1	1	100.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	4	3	75.0	0	0	0.0	1	1	100.0	2	1	50.0	1	1	100.0	0	0	0.0
Other	5	4	80.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	4	80.0
Truck/bus over 10,000 lbs.	36	35	97.2	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	35	34	97.1
Unknown	3	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>1,356</b>	<b>1,286</b>	<b>94.8</b>	<b>2</b>	<b>0</b>	<b>0.0</b>	<b>21</b>	<b>13</b>	<b>61.9</b>	<b>48</b>	<b>43</b>	<b>89.6</b>	<b>88</b>	<b>82</b>	<b>93.2</b>	<b>1,174</b>	<b>1,148</b>	<b>97.8</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.

## 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	16	15	93.8	0	0	0.0	2	1	50.0	2	2	100.0	11	11	100.0	1	1	100.0
16 - 20	135	131	97.0	1	0	0.0	3	2	66.7	5	5	100.0	12	10	83.3	114	114	100.0
21 - 24	109	101	92.7	0	0	0.0	0	0	0.0	2	2	100.0	6	4	66.7	100	95	95.0
25 - 64	910	877	96.4	1	0	0.0	13	7	53.8	30	25	83.3	50	48	96.0	814	797	97.9
65 +	164	162	98.8	0	0	0.0	3	3	100.0	9	9	100.0	9	9	100.0	143	141	98.6
Unknown	22	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	0	0.0
<b>Total</b>	<b>1,356</b>	<b>1,286</b>	<b>94.8</b>	<b>2</b>	<b>0</b>	<b>0.0</b>	<b>21</b>	<b>13</b>	<b>61.9</b>	<b>48</b>	<b>43</b>	<b>89.6</b>	<b>88</b>	<b>82</b>	<b>93.2</b>	<b>1,174</b>	<b>1,148</b>	<b>97.8</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	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	9	0	3	9	0	1	3	0	0	3	0	0	1	0	0
Shoulder belt only used	2	0	1	0	0	0	0	0	0	4	0	1	4	0	1
Lap belt only used	3	0	0	3	0	0	5	0	0	3	1	0	8	0	0
Both lap & shoulder belts used	1,200	2	92	1,235	2	87	1,221	1	86	1,067	1	60	1,215	0	82
No belts used	12	1	6	13	0	8	10	0	6	10	2	4	16	2	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	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
Restraint use unknown	29	0	1	32	1	6	34	0	8	37	0	4	39	0	5
Helmet worn	16	0	11	9	0	5	7	0	6	5	0	3	14	0	10
Helmet not worn	4	0	4	3	0	2	10	1	8	3	0	2	5	0	5
Helmet use unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uncoded & errors	17	0	0	12	0	0	9	0	0	11	0	0	5	0	0
<b>Total</b>	<b>1,293</b>	<b>3</b>	<b>119</b>	<b>1,316</b>	<b>3</b>	<b>109</b>	<b>1,299</b>	<b>2</b>	<b>114</b>	<b>1,143</b>	<b>4</b>	<b>74</b>	<b>1,308</b>	<b>2</b>	<b>109</b>

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

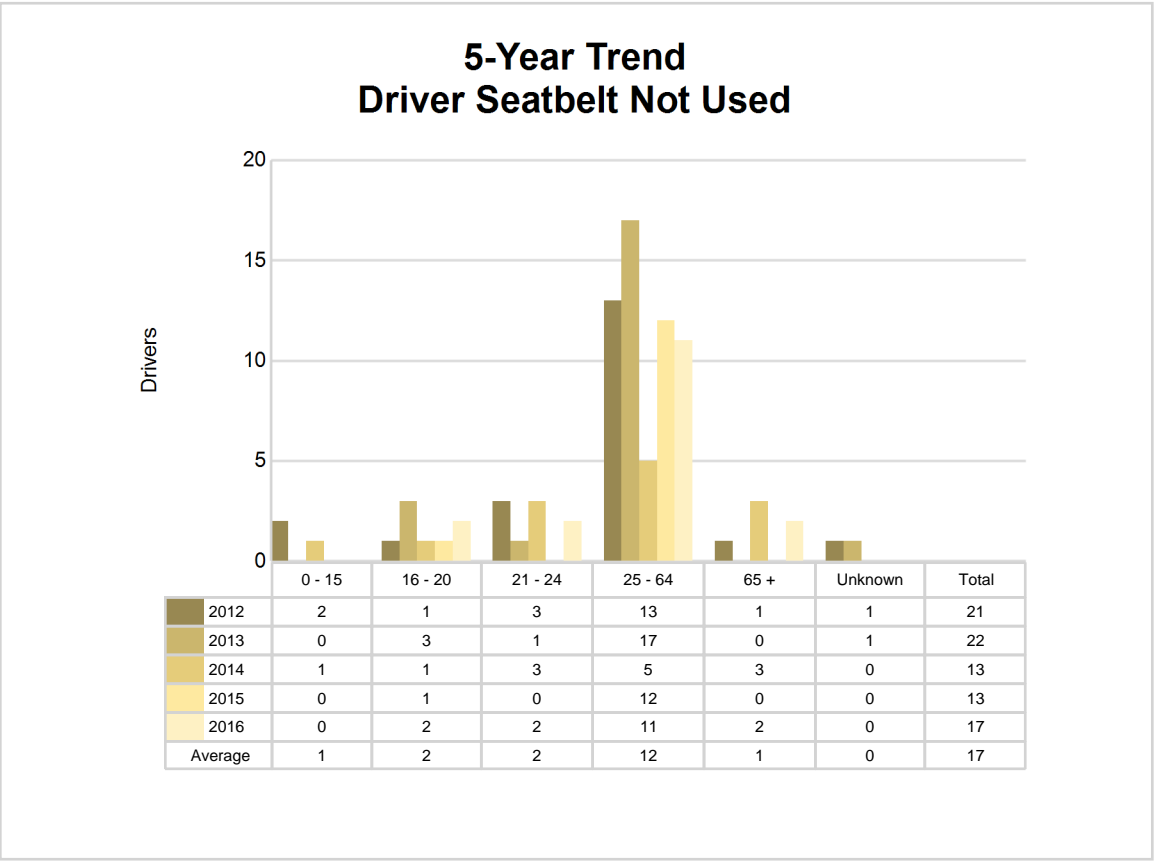
Restraint Use	2012			2013			2014			2015			2016		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Shoulder belt only used	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Lap belt only used	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Both lap & shoulder belts used	15	0	2	14	0	6	23	0	6	20	1	8	8	0	5
No belts used	3	0	3	3	0	2	4	0	4	4	2	2	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	0	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	3	0	1	6	0	2	9	0	4	5	0	0	8	0	3
Helmet worn	1	0	1	0	0	0	0	0	0	0	0	0	2	0	2
Helmet not worn	0	0	0	0	0	0	4	1	3	0	0	0	0	0	0
Helmet use unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uncoded & errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>22</b>	<b>0</b>	<b>7</b>	<b>24</b>	<b>0</b>	<b>10</b>	<b>40</b>	<b>1</b>	<b>17</b>	<b>30</b>	<b>4</b>	<b>10</b>	<b>22</b>	<b>1</b>	<b>11</b>



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	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0
16 - 20	1	0	0	3	0	1	1	0	0	1	0	0	2	1	1
21 - 24	3	1	1	1	0	0	3	0	3	0	0	0	2	0	1
25 - 64	13	0	7	17	0	8	5	0	3	12	2	4	11	1	3
65 +	1	0	1	0	0	0	3	0	0	0	0	0	2	0	0
Unknown	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Total	21	1	9	22	0	9	13	0	6	13	2	4	17	2	5

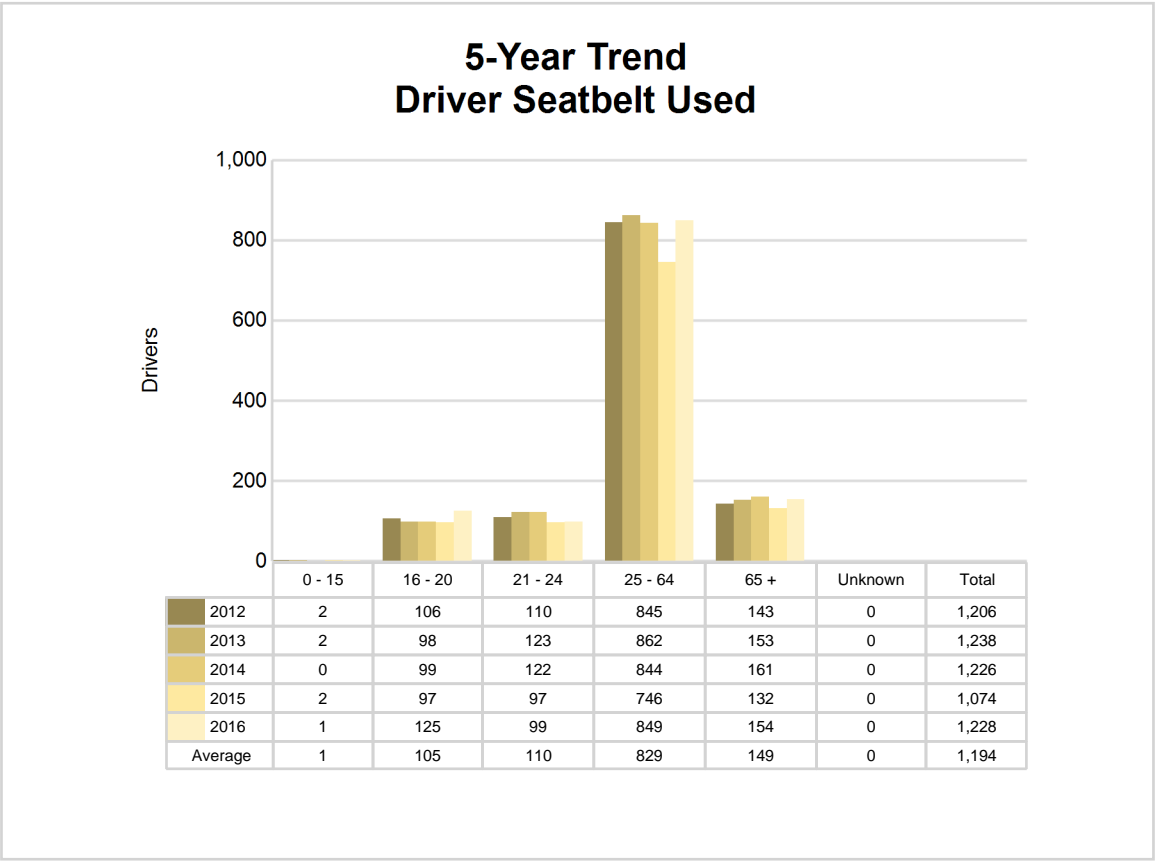
Note: Seatbelt Not Used includes no belts available or no belts used.



5-Year Trend - Seatbelt Used Among Drivers by Age

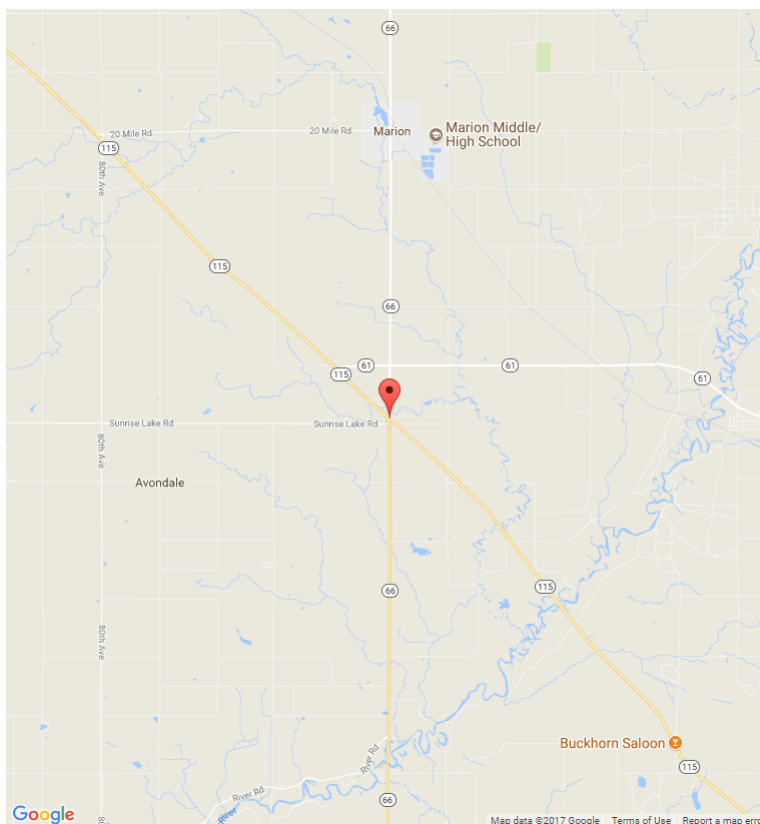
Age Group	2012			2013			2014			2015			2016		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	2	0	1	2	0	1	0	0	0	2	0	0	1	0	0
16 - 20	106	0	9	98	0	13	99	0	18	97	0	9	125	0	11
21 - 24	110	0	10	123	0	15	122	0	8	97	0	5	99	0	5
25 - 64	845	1	61	862	0	47	844	0	48	746	2	40	849	0	55
65 +	143	1	13	153	2	11	161	1	12	132	0	7	154	0	13
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,206	2	94	1,238	2	87	1,226	1	86	1,074	2	61	1,228	0	84

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	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	857	1	887	4	876	3	810	4	874	2
Speed too fast	233	1	226	2	214	2	137	2	202	0
Speed too slow	3	0	3	0	3	0	2	0	1	0
Failed to yield	46	0	48	0	36	0	40	0	37	0
Disregard traffic control	10	0	7	0	16	0	7	0	18	2
Drove wrong way	3	0	0	0	0	0	1	0	1	0
Drove left of center	4	0	3	0	3	0	4	1	1	0
Improper passing	4	0	8	0	6	0	1	0	7	0
Improper lane use	6	0	7	0	3	0	2	0	4	0
Improper turn	8	0	4	0	7	0	6	0	9	0
Improper/no signal	2	0	2	0	2	0	1	0	2	0
Improper backing	16	0	14	0	22	0	14	0	13	0
Unable to stop in assured clear distance	41	0	28	0	42	0	43	2	39	0
Other	16	1	18	2	21	0	19	0	34	0
Unknown	14	1	16	0	12	1	26	1	25	0
Reckless driving	2	0	8	0	6	0	3	0	8	0
Careless/negligent driving	26	0	36	0	30	0	25	0	31	0
Uncoded & errors	2	0	1	0	0	0	2	0	2	0
<b>Total</b>	<b>1,293</b>	<b>4</b>	<b>1,316</b>	<b>8</b>	<b>1,299</b>	<b>6</b>	<b>1,143</b>	<b>10</b>	<b>1,308</b>	<b>4</b>



The picture above represents all 2016 alcohol-involved fatal crashes in Osceola County.

In 2016, there were 22 alcohol-involved crashes in Osceola County:

- 1 K - Fatal Crashes
- 4 A - Suspected Serious Injury Crashes
- 4 B - Suspected Minor Injury Crashes
- 3 C - Possible Injury Crashes
- 10 O - Property Damage Only/No Injury Crashes

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