



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

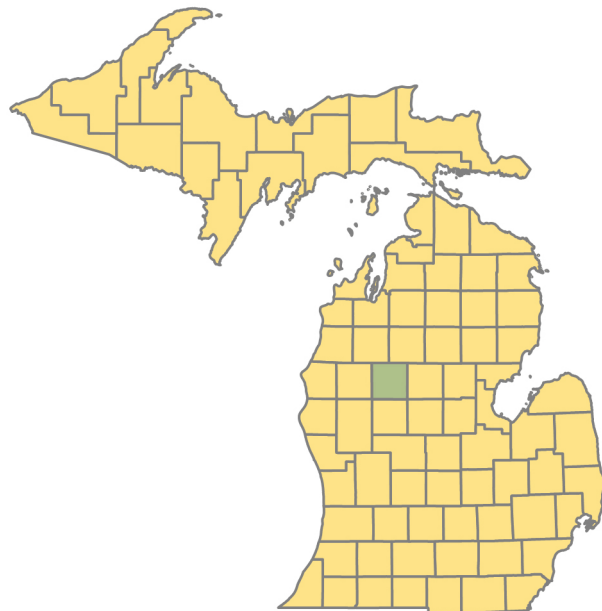
O = No Injury

Property Damage Only (PDO)



## Osceola County

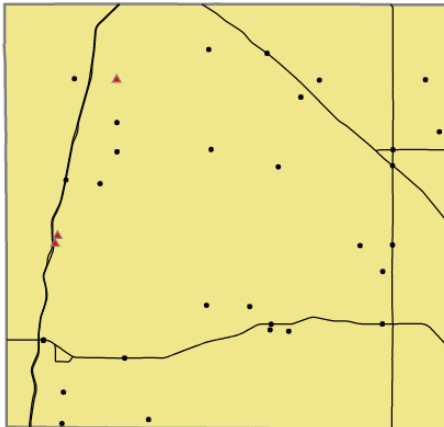
### 2018 Traffic Crash Data & 2014-2018 5-Year Trends



### 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 (3/3)
- A - Suspected Serious (31/31)

## Osceola County

In 2018:

There were 1,417 drivers involved in 1,224 motor vehicle crashes in Osceola County. Of those crashes, 3 were classified as fatal, resulting in 4 fatalities. An additional 177 persons were injured.

Osceola County experienced the highest number of motor vehicle crashes (168) in November, the highest number of fatal crashes (1) in January, August, and November, and the highest number of persons killed (2) in January.

Michigan driver statistics indicate 6.0 percent of licensed drivers in Osceola County were age 16-20, and 10.5 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	126	1	5	120	2	8
February	99	0	13	86	0	17
March	85	0	12	73	0	13
April	88	0	15	73	0	19
May	72	0	11	61	0	15
June	79	0	13	66	0	19
July	87	0	9	78	0	9
August	69	1	12	56	1	16
September	81	0	13	68	0	17
October	150	0	11	139	0	14
November	168	1	16	151	1	16
December	120	0	11	109	0	14
<b>Total</b>	<b>1,224</b>	<b>3</b>	<b>141</b>	<b>1,080</b>	<b>4</b>	<b>177</b>

## 2018 - Driver Statistics

Age Group	Osceola County			Driver Rates	
	2018 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	4,522	122	2	4.4	163.9
16 - 20	1,405	1,015	149	1,060.5	1,468.0
21 - 24	918	875	106	1,154.7	1,211.4
25 - 64	11,549	10,520	985	852.9	936.3
65 +	4,947	4,471	151	305.2	337.7
Unknown	0	0	24	- -	- -
<b>Total</b>	<b>23,341</b>	<b>17,003</b>	<b>1,417</b>	<b>607.1</b>	<b>833.4</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	1,025	72.3	4	66.7	129	892
Motor home	1	0.1	0	0.0	1	0
Pickup truck	310	21.9	1	16.7	49	260
Small truck under 10,000 lbs. GVWR	4	0.3	0	0.0	1	3
Motorcycle	8	0.6	1	16.7	5	2
Moped / goped	0	0.0	0	0.0	0	0
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	4	0.3	0	0.0	4	0
Other	13	0.9	0	0.0	2	11
Truck/bus over 10,000 lbs.	43	3.0	0	0.0	10	33
Unknown	9	0.6	0	0.0	0	9
<b>Total</b>	<b>1,417</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>201</b>	<b>1,210</b>

## Osceola County (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	128	0	84	0	116	0	107	0	126	1
February	75	1	60	0	79	0	79	0	99	0
March	80	0	69	0	68	0	84	0	85	0
April	54	0	58	1	60	0	62	0	88	0
May	79	1	64	0	75	1	78	1	72	0
June	87	1	84	0	87	1	84	0	79	0
July	74	0	77	2	60	0	78	0	87	0
August	64	0	62	1	63	0	60	1	69	1
September	69	0	75	1	78	0	90	1	81	0
October	119	0	123	0	142	0	153	1	150	0
November	187 †	0	150 †	1	156 †	0	156 †	0	168 †	1
December	85	0	85	0	131	0	135	0	120	0
<b>Total</b>	<b>1,101</b>	<b>3</b>	<b>991</b>	<b>6</b>	<b>1,115</b>	<b>2</b>	<b>1,166</b>	<b>4</b>	<b>1,224</b>	<b>3</b>

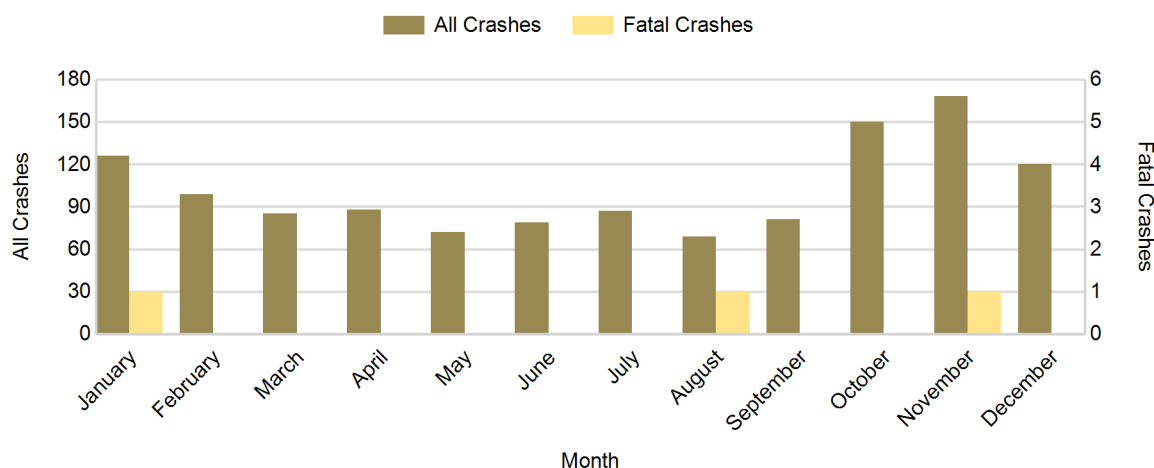
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

## 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	159	0	141	1	176	1	157	0	170	1
Tuesday	139	0	137	0	145	0	161	0	177	0
Wednesday	163	0	138	0	190	0	173	1	159	0
Thursday	146	0	124	0	178	0	166	1	166	0
Friday	164	2	158	2	164	1	195	1	217	0
Saturday	158	1	153	3	138	0	172	0	169	0
Sunday	172	0	140	0	124	0	142	1	166	2
<b>Total</b>	<b>1,101</b>	<b>3</b>	<b>991</b>	<b>6</b>	<b>1,115</b>	<b>2</b>	<b>1,166</b>	<b>4</b>	<b>1,224</b>	<b>3</b>

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

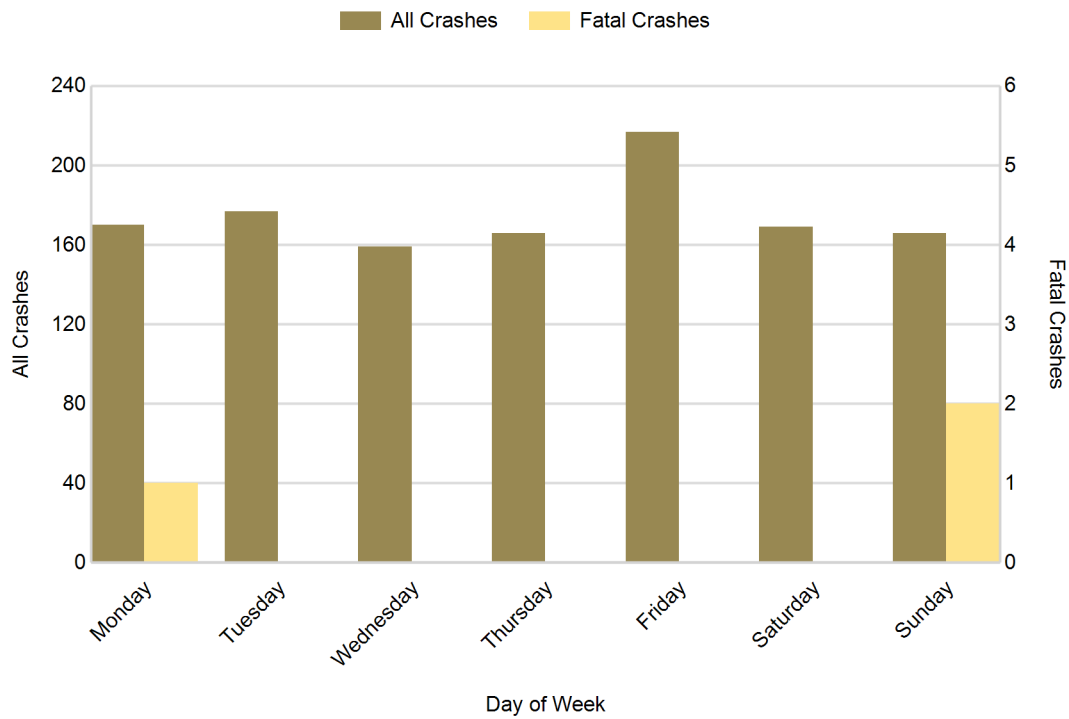
## 2018 Crashes by Month



## 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	170	13.9	1	33.3	3	3	12	151
Tuesday	177	14.5	0	0.0	9	5	11	152
Wednesday	159	13.0	0	0.0	2	3	6	148
Thursday	166	13.6	0	0.0	5	2	10	149
Friday	217	17.7	0	0.0	4	8	10	195
Saturday	169	13.8	0	0.0	6	11	12	140
Sunday	166	13.6	2	66.7	2	11	6	145
<b>Total</b>	<b>1,224</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>	<b>31</b>	<b>43</b>	<b>67</b>	<b>1,080</b>

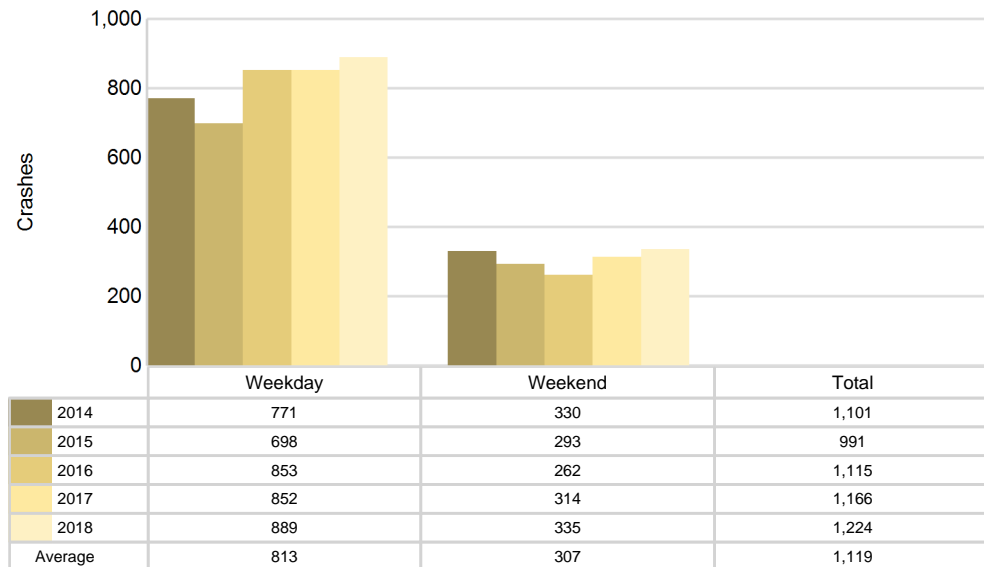
## 2018 Day of Week and Severity



## 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	771	2	698	3	853	2	852	3	889	1
Weekend	330	1	293	3	262	0	314	1	335	2
<b>Total</b>	<b>1,101</b>	<b>3</b>	<b>991</b>	<b>6</b>	<b>1,115</b>	<b>2</b>	<b>1,166</b>	<b>4</b>	<b>1,224</b>	<b>3</b>

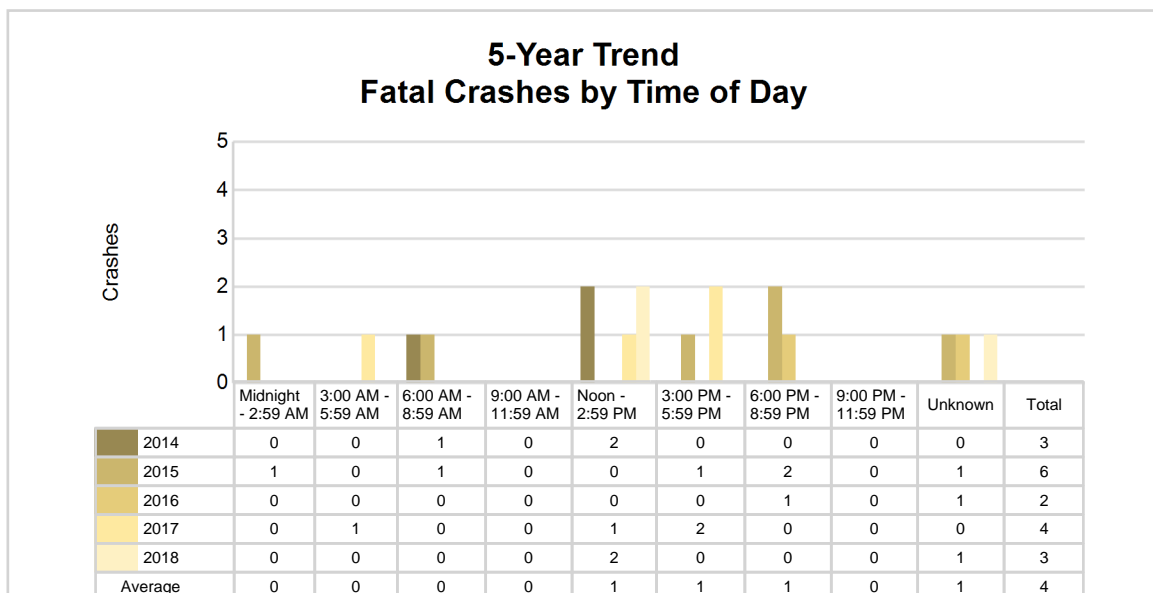
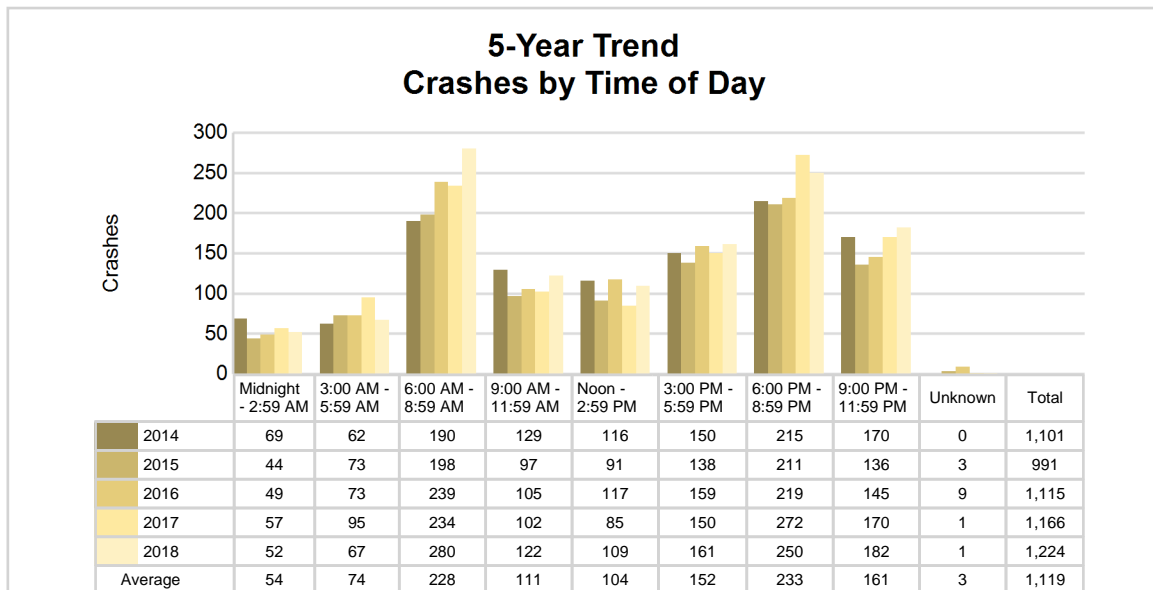
### 5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



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

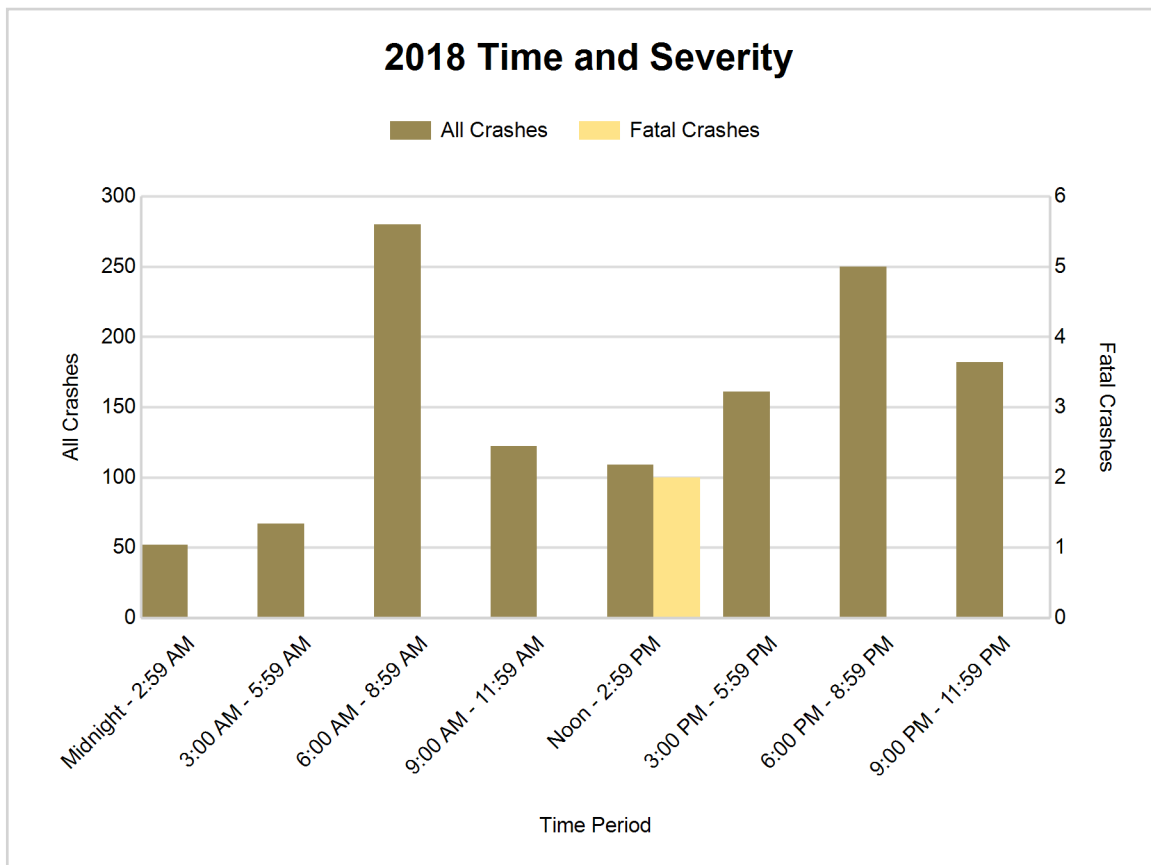
Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	69	0	44	1	49	0	57	0	52	0
3:00 AM - 5:59 AM	62	0	73	0	73	0	95	1	67	0
6:00 AM - 8:59 AM	190	1	198	1	239	0	234	0	280	0
9:00 AM - 11:59 AM	129	0	97	0	105	0	102	0	122	0
Noon - 2:59 PM	116	2	91	0	117	0	85	1	109	2
3:00 PM - 5:59 PM	150	0	138	1	159	0	150	2	161	0
6:00 PM - 8:59 PM	215	0	211	2	219	1	272	0	250	0
9:00 PM - 11:59 PM	170	0	136	0	145	0	170	0	182	0
Unknown	0	0	3	1	9	1	1	0	1	1
<b>Total</b>	<b>1,101</b>	<b>3</b>	<b>991</b>	<b>6</b>	<b>1,115</b>	<b>2</b>	<b>1,166</b>	<b>4</b>	<b>1,224</b>	<b>3</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

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	52	4.2	0	0.0	2	4	4	42
3:00 AM - 5:59 AM	67	5.5	0	0.0	0	4	5	58
6:00 AM - 8:59 AM	280	22.9	0	0.0	3	5	10	262
9:00 AM - 11:59 AM	122	10.0	0	0.0	2	7	10	103
Noon - 2:59 PM	109	8.9	2	66.7	5	8	10	84
3:00 PM - 5:59 PM	161	13.2	0	0.0	2	7	11	141
6:00 PM - 8:59 PM	250	20.4	0	0.0	8	4	10	228
9:00 PM - 11:59 PM	182	14.9	0	0.0	9	4	7	162
Unknown	1	0.1	1	33.3	0	0	0	0
<b>Total</b>	<b>1,224</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>	<b>31</b>	<b>43</b>	<b>67</b>	<b>1,080</b>

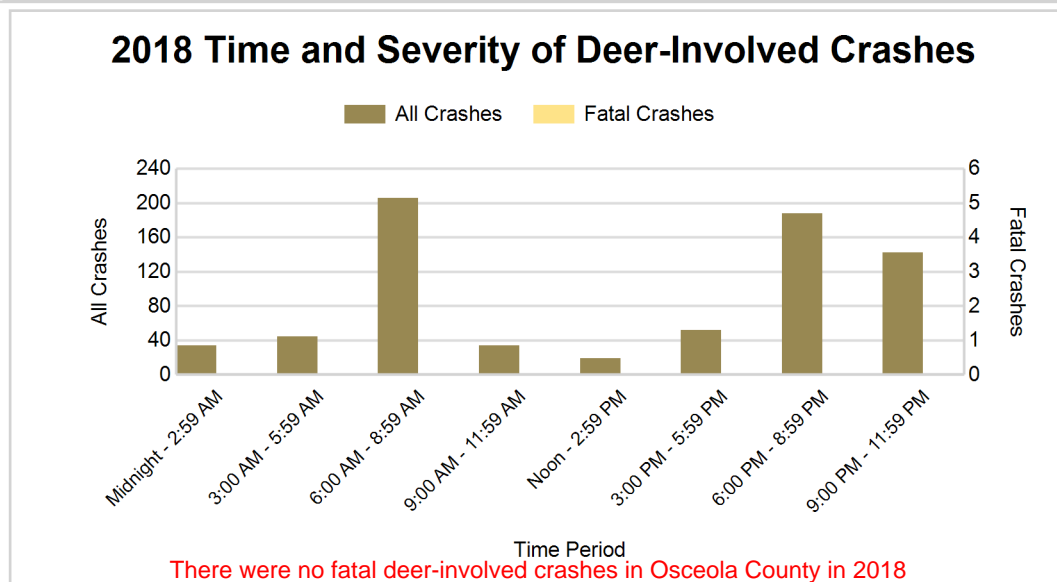
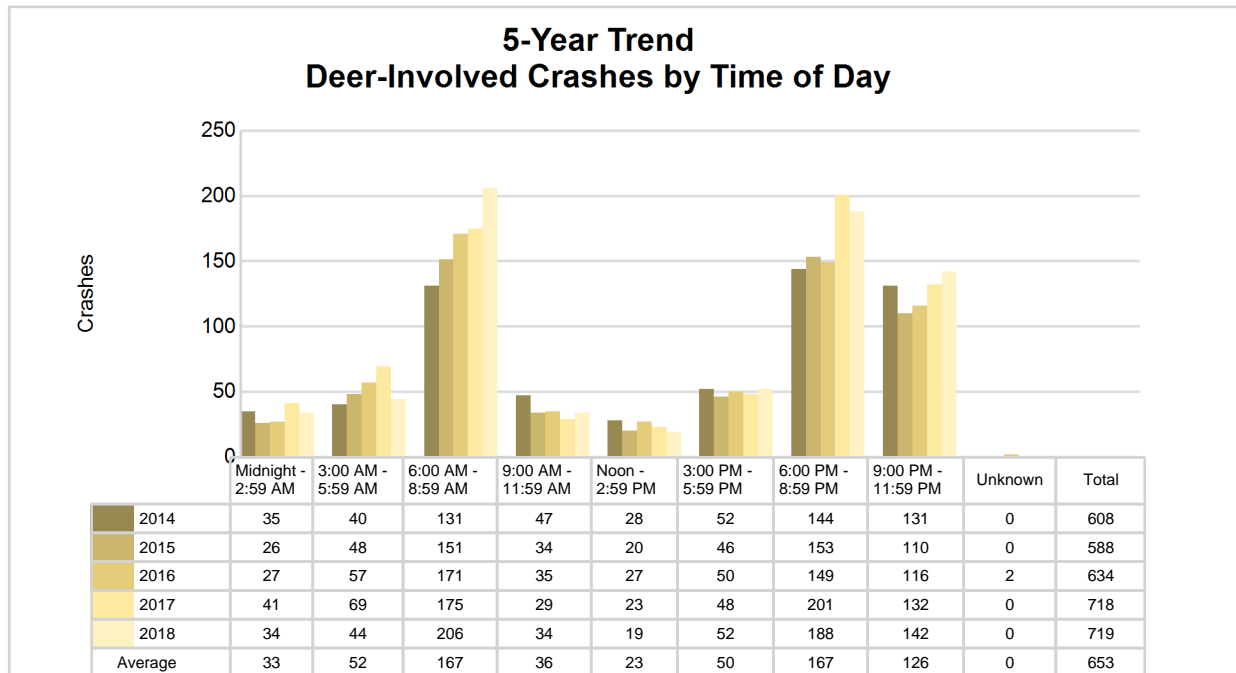




## 5-Year Trend - Deer-Involved Crashes by Time of Day

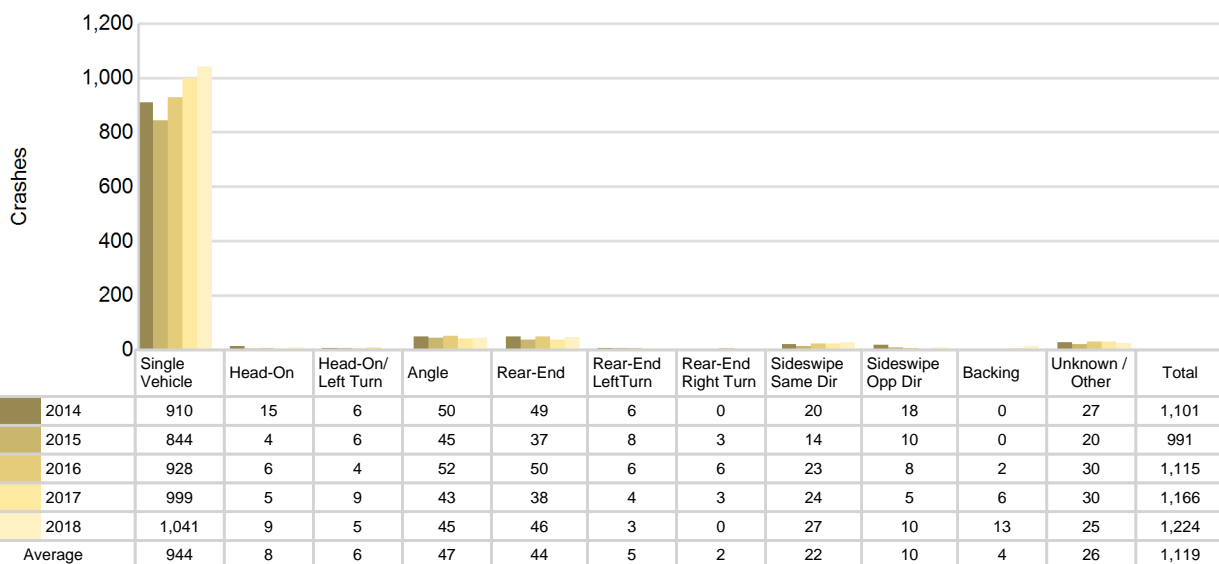
Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	35	0	26	0	27	0	41	0	34	0
3:00 AM - 5:59 AM	40	0	48	0	57	0	69	0	44	0
6:00 AM - 8:59 AM	131	0	151	0	171	0	175	0	206	0
9:00 AM - 11:59 AM	47	0	34	0	35	0	29	0	34	0
Noon - 2:59 PM	28	0	20	0	27	0	23	0	19	0
3:00 PM - 5:59 PM	52	0	46	0	50	0	48	0	52	0
6:00 PM - 8:59 PM	144	0	153	0	149	0	201	0	188	0
9:00 PM - 11:59 PM	131	0	110	0	116	0	132	0	142	0
Unknown	0	0	0	0	2	0	0	0	0	0
<b>Total</b>	<b>608</b>	<b>0</b>	<b>588</b>	<b>0</b>	<b>634</b>	<b>0</b>	<b>718</b>	<b>0</b>	<b>719</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



## 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	910	0	844	4	928	0	999	0	1,041	1
Head-on	15	2	4	1	6	0	5	2	9	0
Head-on / left turn	6	0	6	0	4	0	9	1	5	0
Angle	50	1	45	0	52	2	43	0	45	1
Rear-end	49	0	37	1	50	0	38	1	46	0
Rear-end left turn	6	0	8	0	6	0	4	0	3	0
Rear-end right turn	0	0	3	0	6	0	3	0	0	0
Sideswipe same direction	20	0	14	0	23	0	24	0	27	0
Sideswipe opposite direction	18	0	10	0	8	0	5	0	10	0
Backing	0	0	0	0	2	0	6	0	13	0
Other / Unknown	27	0	20	0	30	0	30	0	25	1
Uncoded and Errors	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,101</b>	<b>3</b>	<b>991</b>	<b>6</b>	<b>1,115</b>	<b>2</b>	<b>1,166</b>	<b>4</b>	<b>1,224</b>	<b>3</b>

5-Year Trend  
Crashes by Crash Type

# Osceola County (continued)

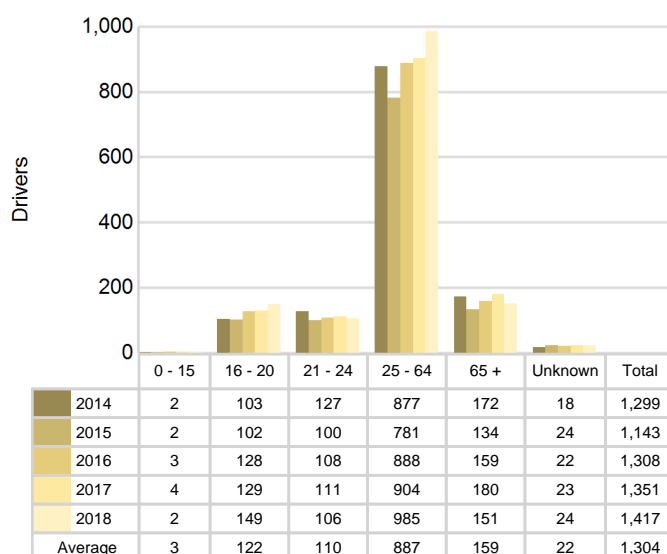
## 2018 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Burdell Twp.	101	0	18	83	0	63	0	38	3	2	46	0	22
Cedar Twp.	16	0	1	15	0	0	0	16	0	0	11	0	1
Evart	46	0	8	38	0	26	0	20	3	1	10	0	8
Evart Twp.	38	0	2	36	0	7	0	31	1	0	28	0	2
Hartwick Twp.	52	0	4	48	0	0	2	50	2	1	35	0	4
Hersey	7	0	1	6	0	0	0	7	0	0	3	0	1
Hersey Twp.	79	0	6	73	0	56	0	23	3	1	52	0	6
Highland Twp.	88	0	13	75	0	0	43	45	4	1	58	0	18
Le Roy	6	0	1	5	0	0	0	6	0	0	2	0	3
Le Roy Twp.	86	0	11	75	0	39	0	47	4	0	49	0	12
Lincoln Twp.	92	2	6	84	0	44	0	48	4	0	59	3	8
Marion	6	0	0	6	0	0	1	5	1	0	1	0	0
Marion Twp.	46	0	3	43	0	0	13	33	2	0	36	0	7
Middle Branch Twp.	74	0	10	64	0	0	62	12	3	1	47	0	13
Orient Twp.	44	0	1	43	0	7	19	18	0	0	38	0	2
Osceola Twp.	63	0	6	57	0	16	0	47	0	0	41	0	6
Reed City	32	0	5	27	0	17	0	15	0	0	12	0	5
Richmond Twp.	179	0	26	153	0	108	0	71	4	1	89	0	33
Rose Lake Twp.	30	0	4	26	0	0	0	30	2	0	18	0	5
Sherman Twp.	78	1	8	69	0	0	12	66	2	0	48	1	9
Sylvan Twp.	54	0	7	47	0	18	25	11	1	0	36	0	12
Tustin	7	0	0	7	0	0	0	7	0	0	0	0	0
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,224</b>	<b>3</b>	<b>141</b>	<b>1,080</b>	<b>0</b>	<b>401</b>	<b>177</b>	<b>646</b>	<b>39</b>	<b>8</b>	<b>719</b>	<b>4</b>	<b>177</b>

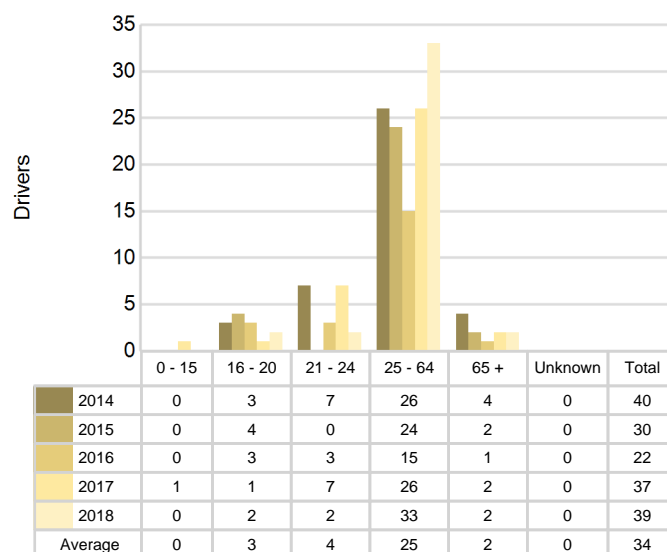
## 5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	2	0	2	0	3	0	4	1	2	0
16 - 20	103	3	102	4	128	3	129	1	149	2
21 - 24	127	7	100	0	108	3	111	7	106	2
25 - 64	877	26	781	24	888	15	904	26	985	33
65 +	172	4	134	2	159	1	180	2	151	2
Unknown	18	0	24	0	22	0	23	0	24	0
<b>Total</b>	<b>1,299</b>	<b>40</b>	<b>1,143</b>	<b>30</b>	<b>1,308</b>	<b>22</b>	<b>1,351</b>	<b>37</b>	<b>1,417</b>	<b>39</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	3	3	2	2	0	0	0	1	1
21 - 24	2	3	1	2	0	0	1	0	1
25 - 64	36	31	23	33	0	3	8	3	19
65 +	4	3	1	2	0	0	1	0	1
Unknown	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>45</b>	<b>40</b>	<b>27</b>	<b>39</b>	<b>0</b>	<b>3</b>	<b>10</b>	<b>4</b>	<b>22</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 45 drivers in alcohol-involved crashes; 39 (86.7%) of those drivers were coded as had-been-drinking by the officer on the crash form.

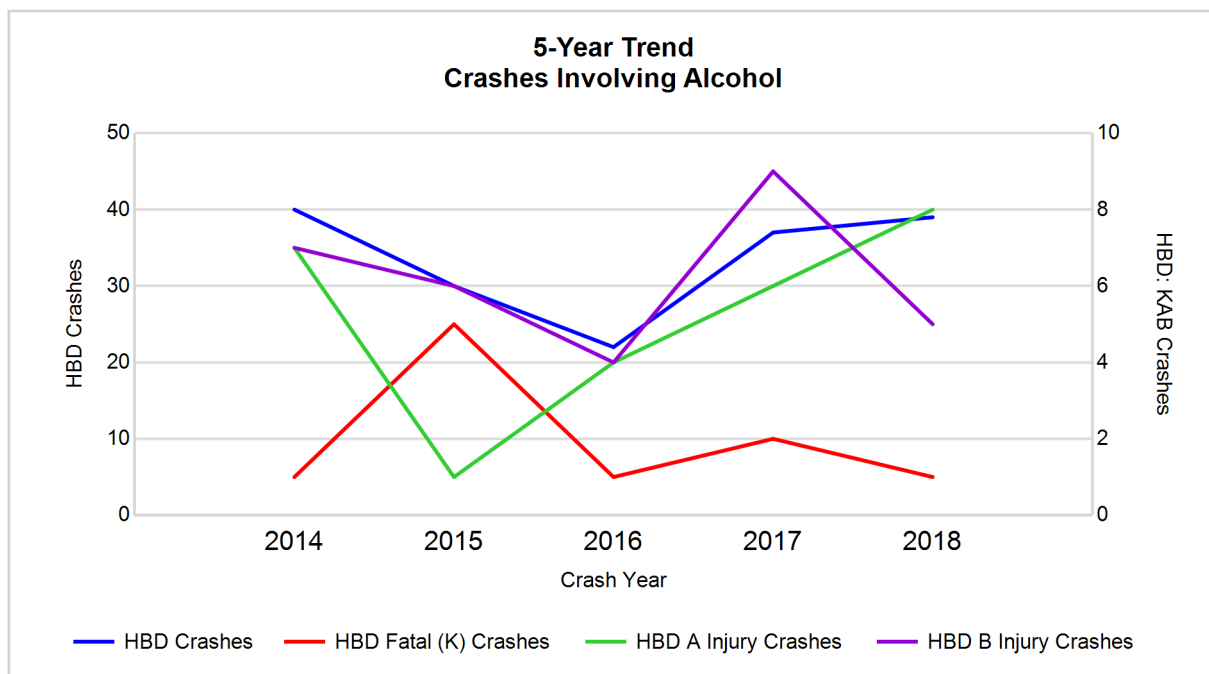
- 14 (35.9%) of the 39 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 4 (28.6%) of the 14 drivers had a BAC at or above 0.17 g/dL.
- 27 (69.2%) of the 39 drivers were coded as had-been-drinking and were tested for alcohol consumption.

## 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	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
2017	1,166	37	3.2	4	2	50.0	23	6	26.1	39	9	23.1
2018	1,224**	39	3.2	3	1	33.3	31**	8**	25.8	43**	5	11.6

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



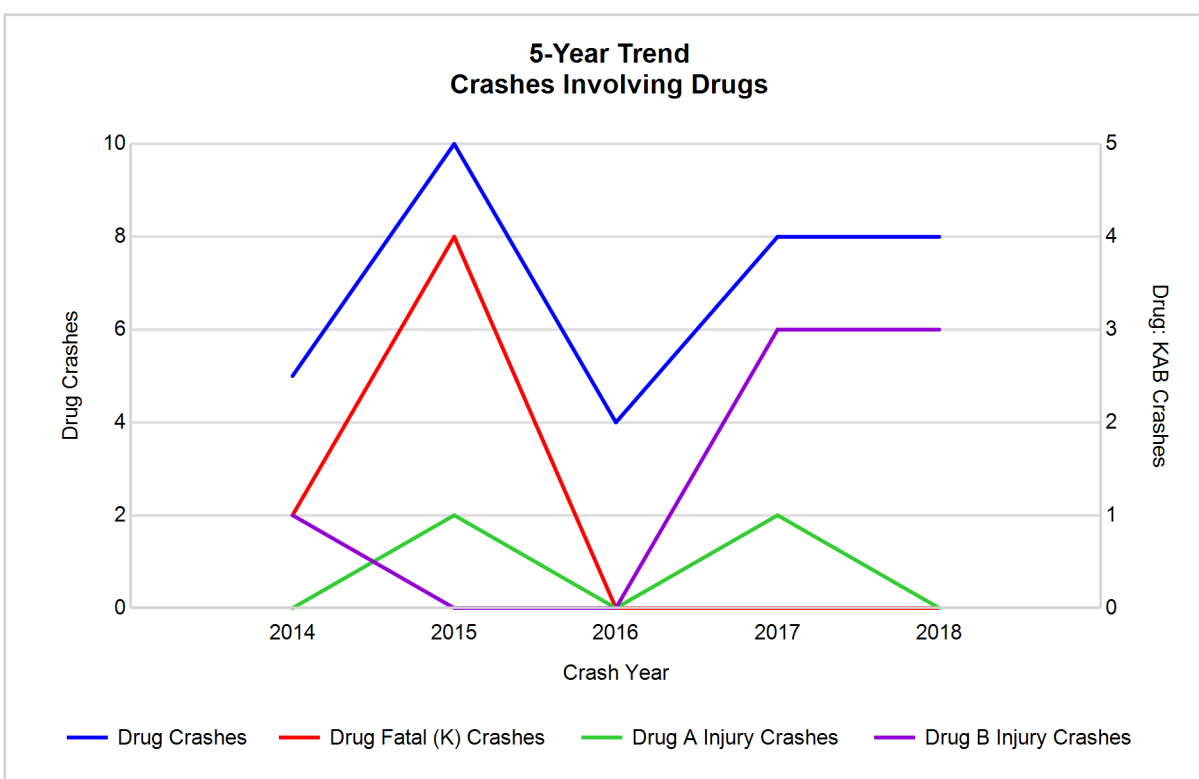
Note: Had-Been-Drinking (HBD)

## 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	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
2017	1,166	8	0.7	4	0	0.0	23	1	4.3	39	3	7.7
2018	1,224**	8	0.7	3	0	0.0	31**	0	0.0	43**	3	7.0

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

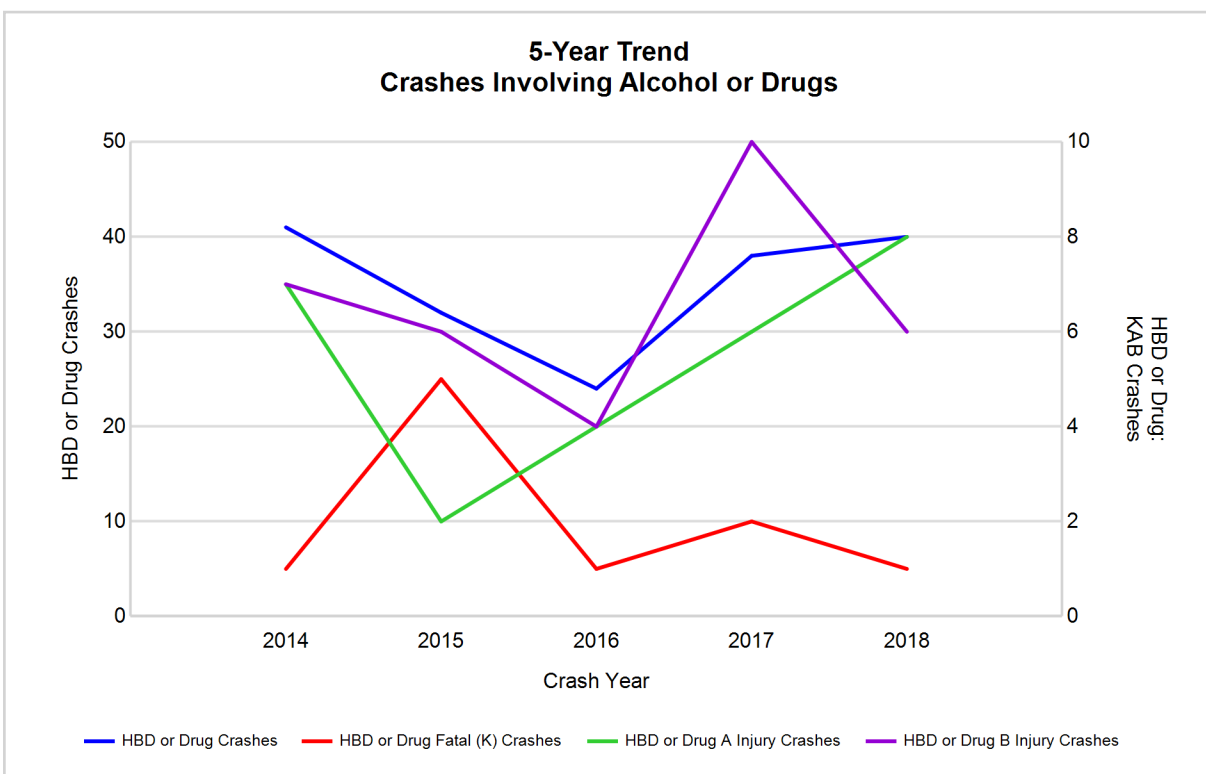


## 5-Year Trend - Crashes Involving Alcohol or Drugs

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	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
2017	1,166	38	3.3	4	2	50.0	23	6	26.1	39	10	25.6
2018	1,224**	40	3.3	3	1	33.3	31**	8**	25.8	43**	6	14.0

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	1,049	1,025	97.7	2	2	100.0	19	18	94.7	32	32	100.0	69	68	98.6	916	905	98.8
Motor home	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Pickup truck	321	306	95.3	1	0	0.0	8	5	62.5	17	14	82.4	17	16	94.1	274	271	98.9
Small truck under 10,000 lbs. GVWR	4	4	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	4	4	100.0
Motorcycle	9	8	88.9	1	0	0.0	2	2	100.0	1	1	100.0	2	2	100.0	3	3	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	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	6	3	50.0	0	0	0.0	4	2	50.0	0	0	0.0	0	0	0.0	1	1	100.0
Other	14	11	78.6	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	13	11	84.6
Truck/bus over 10,000 lbs.	43	41	95.3	0	0	0.0	0	0	0.0	1	1	100.0	2	1	50.0	40	39	97.5
Unknown	9	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>1,456</b>	<b>1,399</b>	<b>96.1</b>	<b>4</b>	<b>2</b>	<b>0.0</b>	<b>33</b>	<b>27</b>	<b>81.8</b>	<b>52</b>	<b>48</b>	<b>92.3</b>	<b>90</b>	<b>87</b>	<b>96.7</b>	<b>1,252</b>	<b>1,235</b>	<b>98.6</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	10	7	70.0	0	0	0.0	0	0	0.0	4	3	75.0	4	4	100.0	1	0	0.0
16 - 20	154	151	98.1	0	0	0.0	4	3	75.0	11	10	90.9	11	11	100.0	128	127	99.2
21 - 24	113	109	96.5	0	0	0.0	4	3	75.0	8	7	87.5	13	12	92.3	88	87	98.9
25 - 64	1,002	980	97.8	1	0	0.0	22	18	81.8	27	26	96.3	55	53	96.4	897	883	98.4
65 +	153	152	99.3	3	2	66.7	3	3	100.0	2	2	100.0	7	7	100.0	138	138	100.0
Unknown	24	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>1,456</b>	<b>1,399</b>	<b>96.1</b>	<b>4</b>	<b>2</b>	<b>0.0</b>	<b>33</b>	<b>27</b>	<b>81.8</b>	<b>52</b>	<b>48</b>	<b>92.3</b>	<b>90</b>	<b>87</b>	<b>96.7</b>	<b>1,252</b>	<b>1,235</b>	<b>98.6</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	3	0	0	3	0	0	1	0	0	2	0	1	2	0	0
Shoulder belt only used	0	0	0	4	0	1	4	0	1	10	0	4	1	0	0
Lap belt only used	5	0	0	3	1	0	8	0	0	6	0	2	4	0	1
Both lap & shoulder belts used	1,221	1	86	1,067	1	60	1,215	0	82	1,274	6	88	1,352	1	123
No belts used	10	0	6	10	2	4	16	2	5	8	0	5	10	1	3
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	1	0	1	0	0	0	0	0	0
Restraint use unknown	34	0	8	37	0	4	39	0	5	43	0	4	35	0	4
Helmet worn	7	0	6	5	0	3	14	0	10	4	0	3	9	0	6
Helmet not worn	10	1	8	3	0	2	5	0	5	2	0	2	1	1	0
Helmet use unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uncoded & errors	9	0	0	11	0	0	5	0	0	2	0	0	3	0	0
<b>Total</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>	<b>1,351</b>	<b>6</b>	<b>109</b>	<b>1,417</b>	<b>3</b>	<b>137</b>

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

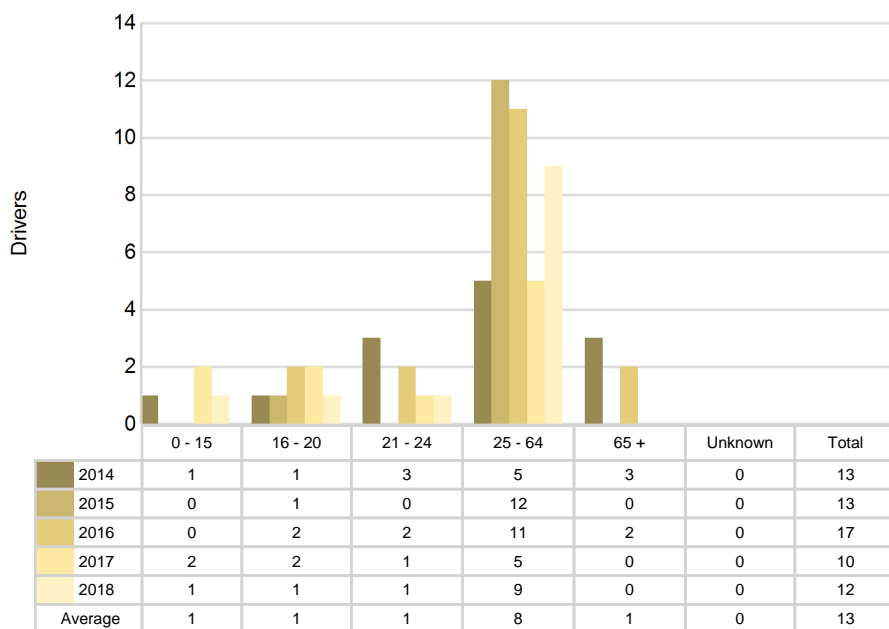
Restraint Use	2014			2015			2016			2017			2018		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Shoulder belt only used	0	0	0	0	0	0	1	0	0	2	0	2	0	0	0
Lap belt only used	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
Both lap & shoulder belts used	23	0	6	20	1	8	8	0	5	24	2	11	29	0	17
No belts used	4	0	4	4	2	2	3	1	1	2	0	1	4	1	3
Child restraint used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child restraint not used, unavailable or improper use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	9	0	4	5	0	0	8	0	3	6	0	2	6	0	1
Helmet worn	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
Helmet not worn	4	1	3	0	0	0	0	0	0	2	0	2	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>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>	<b>37</b>	<b>2</b>	<b>19</b>	<b>39</b>	<b>1</b>	<b>21</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	1	0	0	0	0	0	0	0	0	2	0	0	1	0	0
16 - 20	1	0	0	1	0	0	2	1	1	2	0	2	1	0	1
21 - 24	3	0	3	0	0	0	2	0	1	1	0	0	1	0	0
25 - 64	5	0	3	12	2	4	11	1	3	5	0	4	9	1	2
65 +	3	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>13</b>	<b>0</b>	<b>6</b>	<b>13</b>	<b>2</b>	<b>4</b>	<b>17</b>	<b>2</b>	<b>5</b>	<b>10</b>	<b>0</b>	<b>6</b>	<b>12</b>	<b>1</b>	<b>3</b>

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

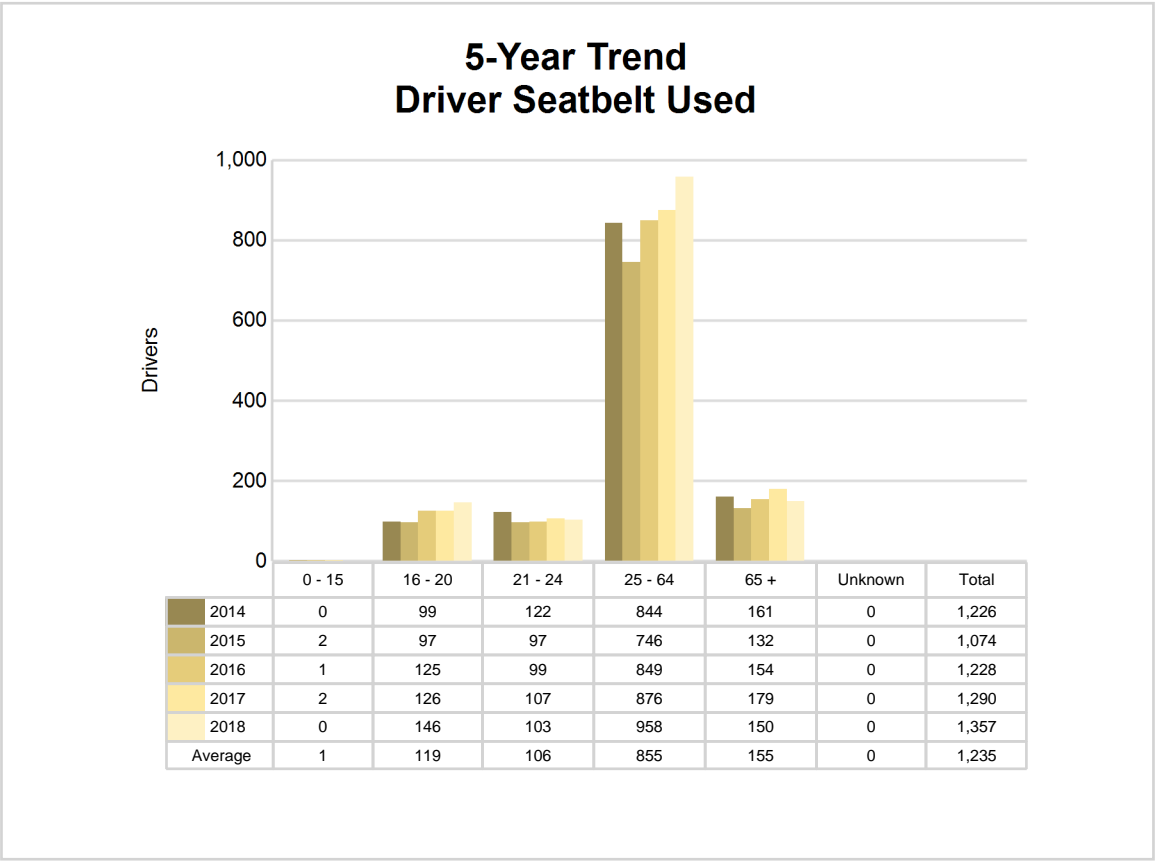
### 5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

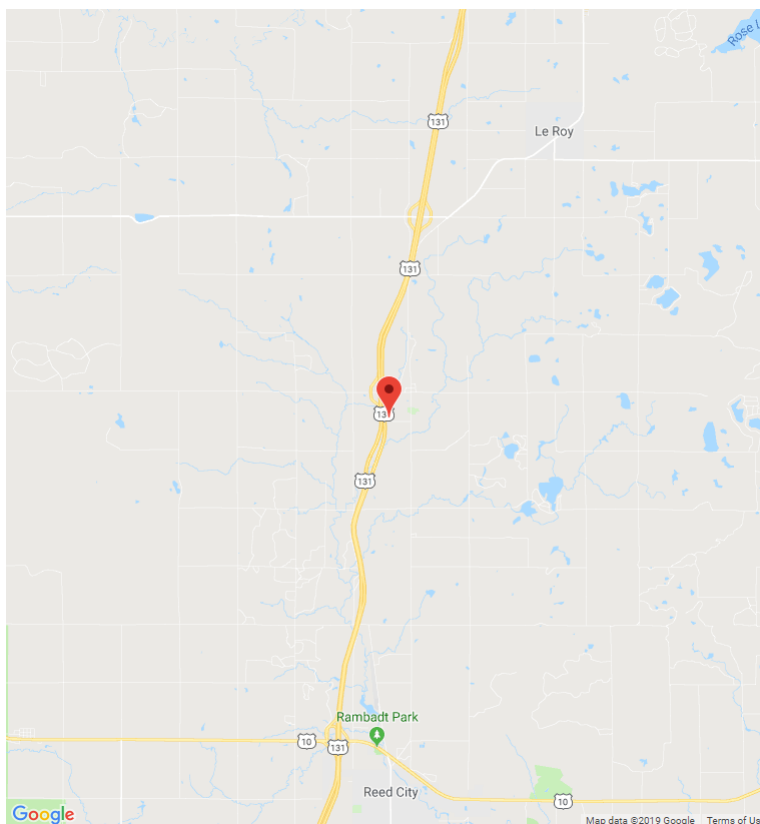
Age Group	2014			2015			2016			2017			2018		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	0	0	0	2	0	0	1	0	0	2	0	1	0	0	0
16 - 20	99	0	18	97	0	9	125	0	11	126	1	15	146	0	19
21 - 24	122	0	8	97	0	5	99	0	5	107	0	12	103	0	16
25 - 64	844	0	48	746	2	40	849	0	55	876	3	47	958	0	78
65 +	161	1	12	132	0	7	154	0	13	179	2	19	150	1	11
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,226	1	86	1,074	2	61	1,228	0	84	1,290	6	94	1,357	1	124

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	876	3	810	4	874	2	952	6	963	2
Speed too fast	214	2	137	2	202	0	162	0	199	0
Speed too slow	3	0	2	0	1	0	3	0	1	0
Failed to yield	36	0	40	0	37	0	57	0	42	2
Disregard traffic control	16	0	7	0	18	2	12	0	6	0
Drove wrong way	0	0	1	0	1	0	2	1	0	0
Drove left of center	3	0	4	1	1	0	1	0	7	0
Improper passing	6	0	1	0	7	0	5	0	9	0
Improper lane use	3	0	2	0	4	0	7	1	5	0
Improper turn	7	0	6	0	9	0	6	1	6	0
Improper/no signal	2	0	1	0	2	0	1	0	1	0
Improper backing	22	0	14	0	13	0	14	0	18	0
Unable to stop in assured clear distance	42	0	43	2	39	0	33	1	42	0
Other	21	0	19	0	34	0	29	0	31	0
Unknown	12	1	26	1	25	0	19	1	41	1
Reckless driving	6	0	3	0	8	0	8	0	7	0
Careless/negligent driving	30	0	25	0	31	0	39	0	39	1
Uncoded & errors	0	0	2	0	2	0	1	0	0	0
<b>Total</b>	<b>1,299</b>	<b>6</b>	<b>1,143</b>	<b>10</b>	<b>1,308</b>	<b>4</b>	<b>1,351</b>	<b>11</b>	<b>1,417</b>	<b>6</b>



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

In 2018, there were 39 alcohol-involved crashes in Osceola County:

- 1 K - Fatal Crash
- 8 A - Suspected Serious Injury Crashes
- 5 B - Suspected Minor Injury Crashes
- 9 C - Possible Injury Crashes
- 16 O - Property Damage Only/No Injury Crashes

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