



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

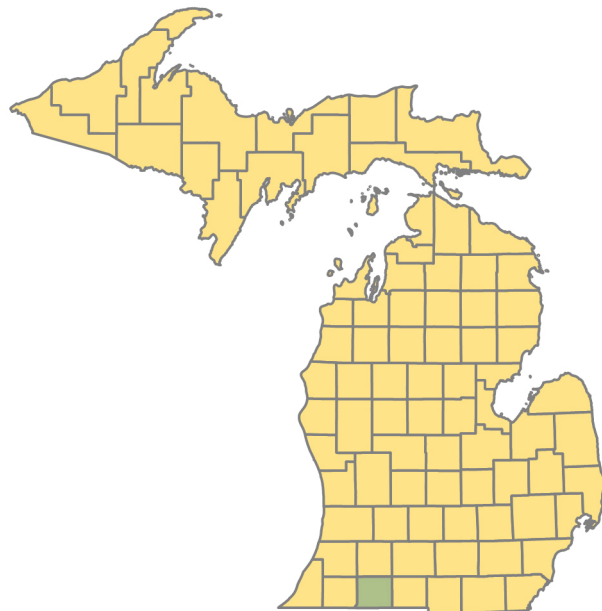
O = No Injury

Property Damage Only (PDO)



## St. Joseph County

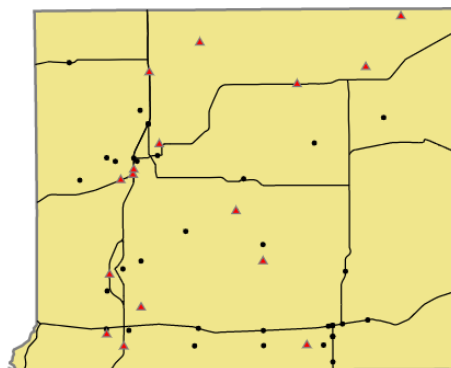
### 2018 Traffic Crash Data & 2014-2018 5-Year Trends



### 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.

This page left intentionally blank



Crashes by most severe injury (mapped/actual)

- ▲ K - Fatal (17/17)
- A - Suspected Serious (35/35)

## St. Joseph County

In 2018:

There were 2,483 drivers involved in 1,758 motor vehicle crashes in St. Joseph County. Of those crashes, 17 were classified as fatal, resulting in 20 fatalities. An additional 394 persons were injured.

St. Joseph County experienced the highest number of motor vehicle crashes (240) in November, the highest number of fatal crashes (4) in October, and the highest number of persons killed (4) in May and October.

Michigan driver statistics indicate 6.3 percent of licensed drivers in St. Joseph County were age 16-20, and 12.4 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	186	1	19	166	1	24
February	152	3	24	125	3	39
March	150	1	23	126	1	27
April	120	0	20	100	0	29
May	141	2	23	116	4	28
June	128	1	27	100	1	44
July	114	2	30	82	3	47
August	125	1	33	91	1	42
September	131	1	30	100	1	37
October	158	4	20	134	4	27
November	240	1	22	217	1	26
December	113	0	20	93	0	24
<b>Total</b>	<b>1,758</b>	<b>17</b>	<b>291</b>	<b>1,450</b>	<b>20</b>	<b>394</b>

## 2018 - Driver Statistics

Age Group	St. Joseph County			Driver Rates	
	2018 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	13,215	297	7	5.3	235.7
16 - 20	3,692	2,652	307	831.5	1,157.6
21 - 24	2,843	2,434	222	780.9	912.1
25 - 64	30,310	27,081	1,562	515.3	576.8
65 +	10,983	9,840	263	239.5	267.3
Unknown	0	0	122	- -	- -
<b>Total</b>	<b>61,043</b>	<b>42,304</b>	<b>2,483</b>	<b>406.8</b>	<b>586.9</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	1,864	75.1	19	67.9	340	1,505
Motor home	5	0.2	0	0.0	2	3
Pickup truck	431	17.4	5	17.9	66	360
Small truck under 10,000 lbs. GVWR	17	0.7	0	0.0	2	15
Motorcycle	22	0.9	3	10.7	16	3
Moped / goped	6	0.2	0	0.0	4	2
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	3	0.1	0	0.0	3	0
Other	20	0.8	0	0.0	7	13
Truck/bus over 10,000 lbs.	79	3.2	1	3.6	18	60
Unknown	36	1.4	0	0.0	4	32
<b>Total</b>	<b>2,483</b>	<b>100.0</b>	<b>28</b>	<b>100.0</b>	<b>462</b>	<b>1,993</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	196	0	157	0	157	0	127	0	186	1
February	128	1	140	0	176	2	110	1	152	3
March	141	1	120	0	137	0	131	0	150	1
April	83	2	99	0	112	1	89	1	120	0
May	85	2	108	0	111	1	132	3	141	2
June	112	0	118	2	124	0	135	0	128	1
July	130	1	113	1	117	1	107	1	114	2
August	77	1	107	1	123	2	109	3	125	1
September	114	0	143	0	128	2	131	0	131	1
October	160	0	161	0	132	1	160	0	158	4
November	195	0	182	0	172	0	173	0	240	1
December	122	1	155	0	187	1	247	1	113	0
<b>Total</b>	<b>1,543</b>	<b>9</b>	<b>1,603</b>	<b>4</b>	<b>1,676</b>	<b>11</b>	<b>1,651</b>	<b>10</b>	<b>1,758</b>	<b>17</b>

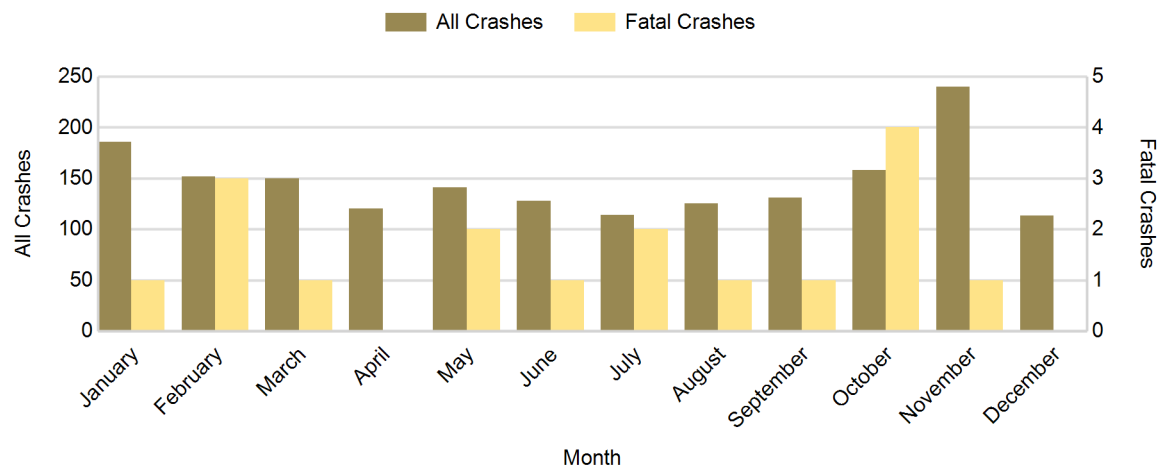
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

## 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	201	1	235	0	244	3	244	0	302	1
Tuesday	217	0	215	1	252	1	261	0	250	4
Wednesday	237	2	259	1	246	2	208	0	250	1
Thursday	259	2	249	0	258	2	209	4	258	1
Friday	249	1	249	1	284	1	297	1	296	2
Saturday	211	0	228	1	187	2	234	4	209	5
Sunday	169	3	168	0	205	0	198	1	193	3
<b>Total</b>	<b>1,543</b>	<b>9</b>	<b>1,603</b>	<b>4</b>	<b>1,676</b>	<b>11</b>	<b>1,651</b>	<b>10</b>	<b>1,758</b>	<b>17</b>

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

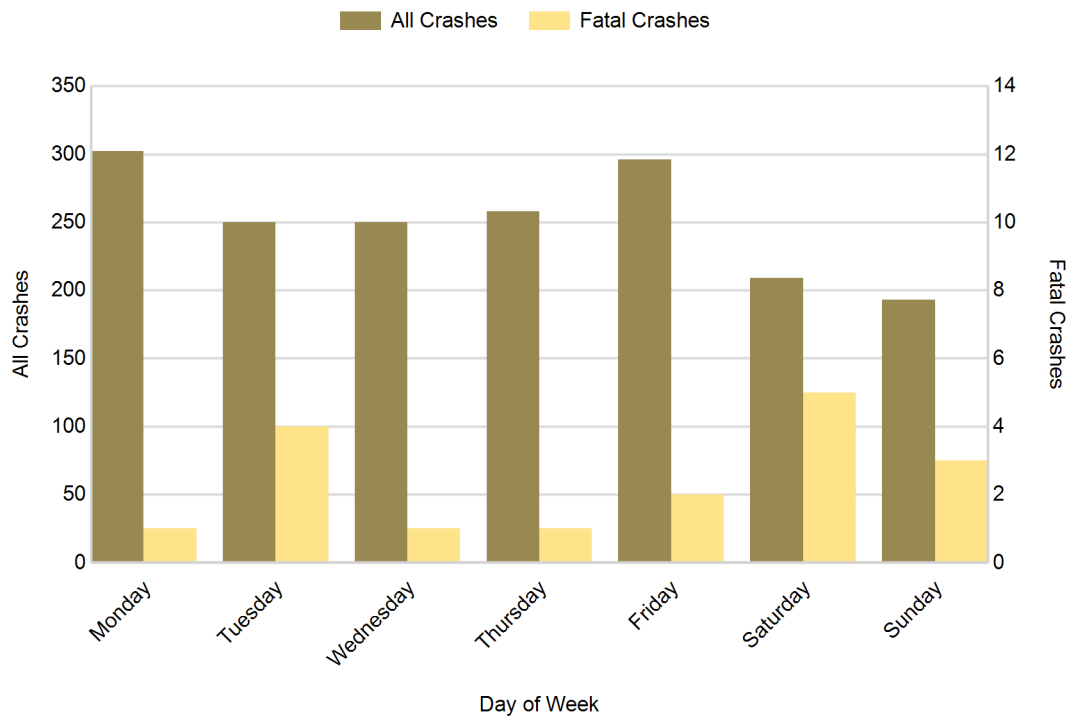
## 2018 Crashes by Month



## 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	302	17.2	1	5.9	7	15	23	256
Tuesday	250	14.2	4	23.5	5	11	25	205
Wednesday	250	14.2	1	5.9	2	14	19	214
Thursday	258	14.7	1	5.9	7	16	28	206
Friday	296	16.8	2	11.8	7	21	28	238
Saturday	209	11.9	5	29.4	4	11	13	176
Sunday	193	11.0	3	17.6	3	18	14	155
<b>Total</b>	<b>1,758</b>	<b>100.0</b>	<b>17</b>	<b>100.0</b>	<b>35</b>	<b>106</b>	<b>150</b>	<b>1,450</b>

## 2018 Day of Week and Severity

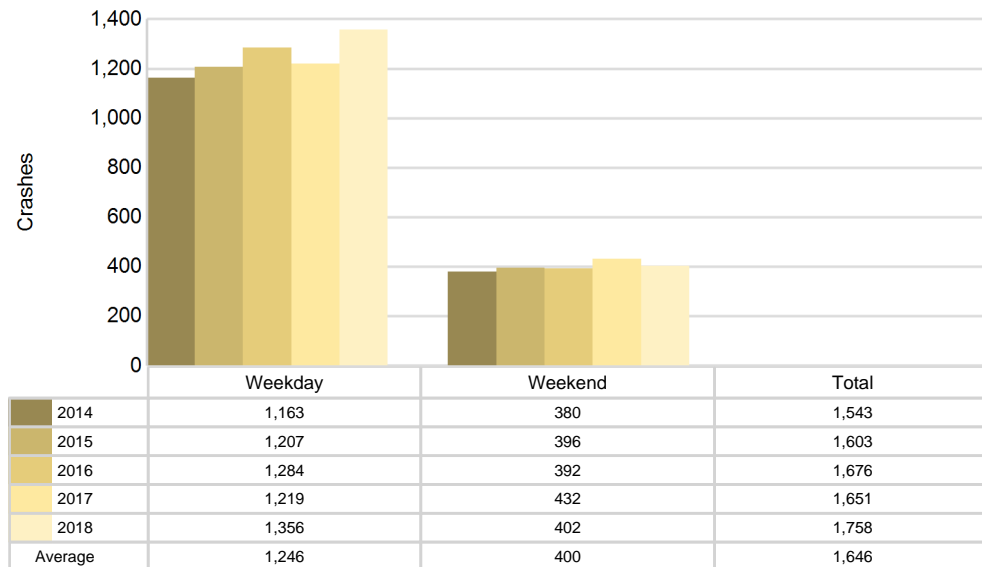


## St. Joseph County (continued)

### 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	1,163	6	1,207	3	1,284	9	1,219	5	1,356	9
Weekend	380	3	396	1	392	2	432	5	402	8
<b>Total</b>	<b>1,543</b>	<b>9</b>	<b>1,603</b>	<b>4</b>	<b>1,676</b>	<b>11</b>	<b>1,651</b>	<b>10</b>	<b>1,758</b>	<b>17</b>

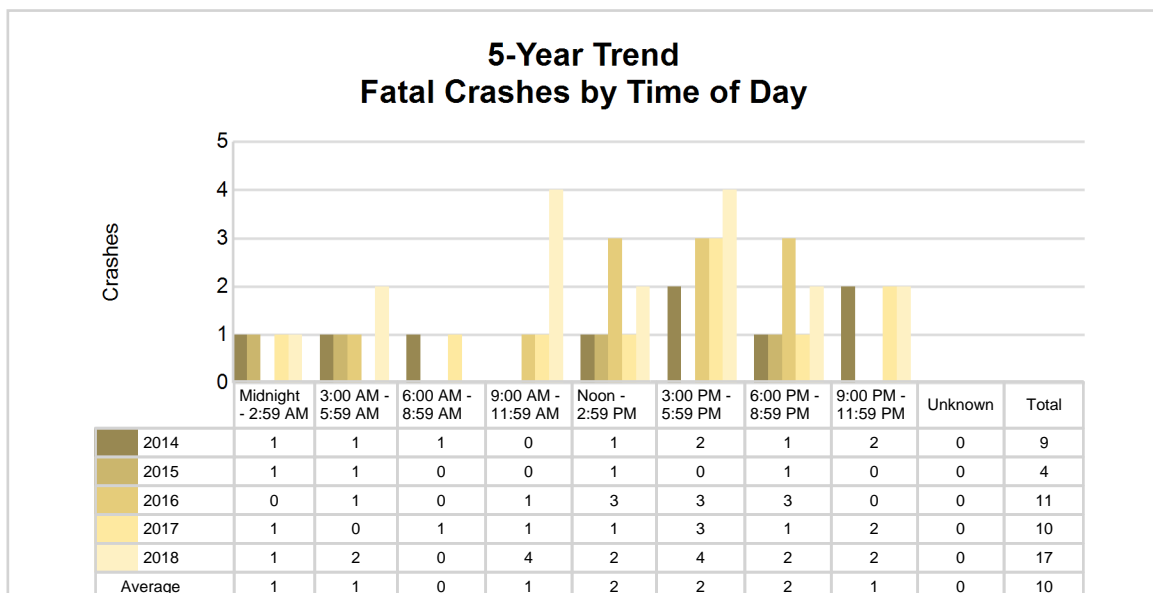
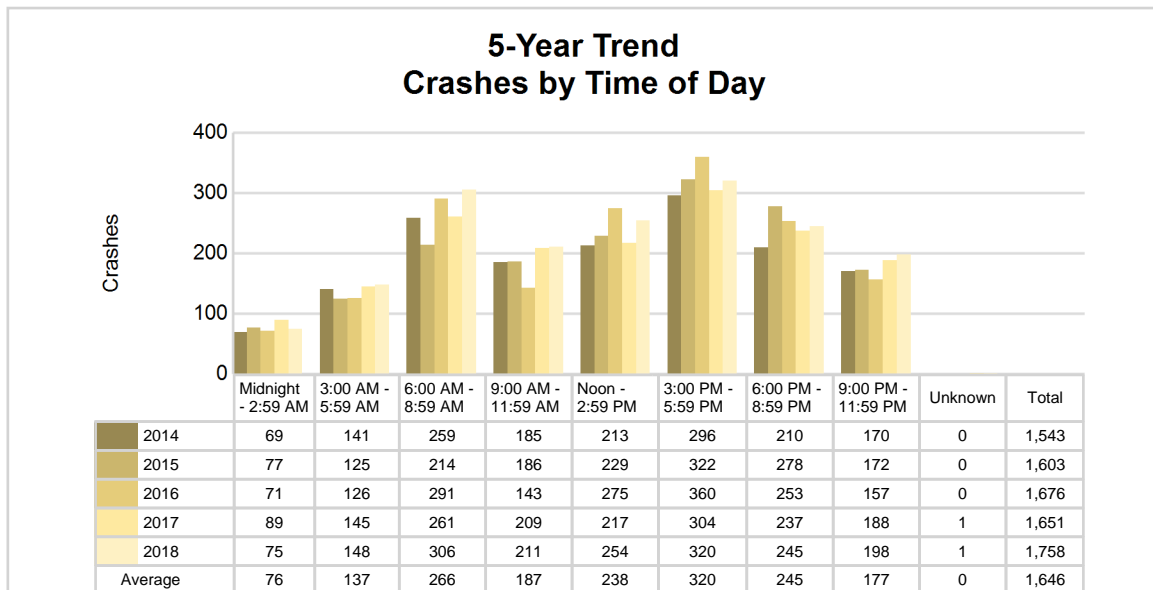
### 5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



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

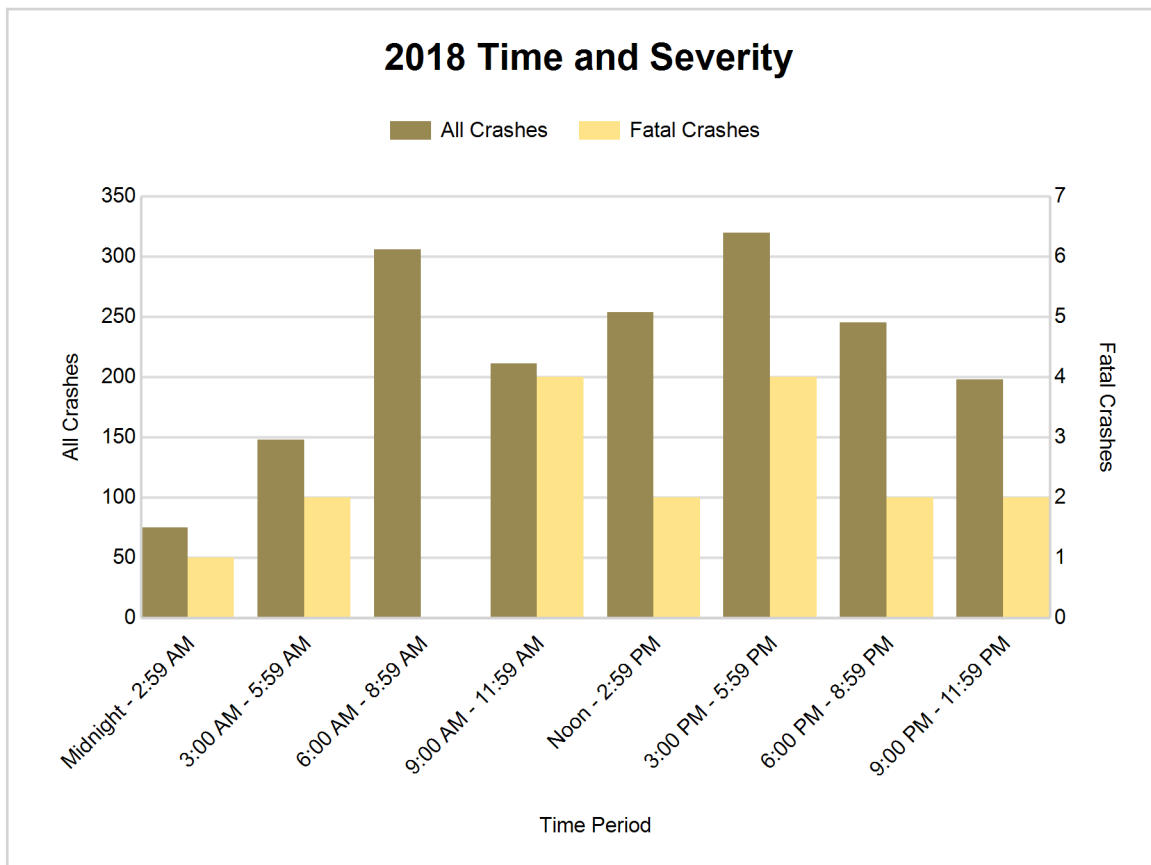
Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	69	1	77	1	71	0	89	1	75	1
3:00 AM - 5:59 AM	141	1	125	1	126	1	145	0	148	2
6:00 AM - 8:59 AM	259	1	214	0	291	0	261	1	306	0
9:00 AM - 11:59 AM	185	0	186	0	143	1	209	1	211	4
Noon - 2:59 PM	213	1	229	1	275	3	217	1	254	2
3:00 PM - 5:59 PM	296 †	2	322 †	0	360 †	3	304 †	3	320 †	4
6:00 PM - 8:59 PM	210	1	278	1	253	3	237	1	245	2
9:00 PM - 11:59 PM	170	2	172	0	157	0	188	2	198	2
Unknown	0	0	0	0	0	0	1	0	1	0
<b>Total</b>	<b>1,543</b>	<b>9</b>	<b>1,603</b>	<b>4</b>	<b>1,676</b>	<b>11</b>	<b>1,651</b>	<b>10</b>	<b>1,758</b>	<b>17</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	75	4.3	1	5.9	0	6	3	65
3:00 AM - 5:59 AM	148	8.4	2	11.8	4	6	3	133
6:00 AM - 8:59 AM	306	17.4	0	0.0	5	4	20	277
9:00 AM - 11:59 AM	211	12.0	4	23.5	6	15	26	160
Noon - 2:59 PM	254	14.4	2	11.8	5	27	30	190
3:00 PM - 5:59 PM	320	18.2	4	23.5	8	24	34	250
6:00 PM - 8:59 PM	245	13.9	2	11.8	5	15	16	207
9:00 PM - 11:59 PM	198	11.3	2	11.8	2	9	18	167
Unknown	1	0.1	0	0.0	0	0	0	1
<b>Total</b>	<b>1,758</b>	<b>100.0</b>	<b>17</b>	<b>100.0</b>	<b>35</b>	<b>106</b>	<b>150</b>	<b>1,450</b>

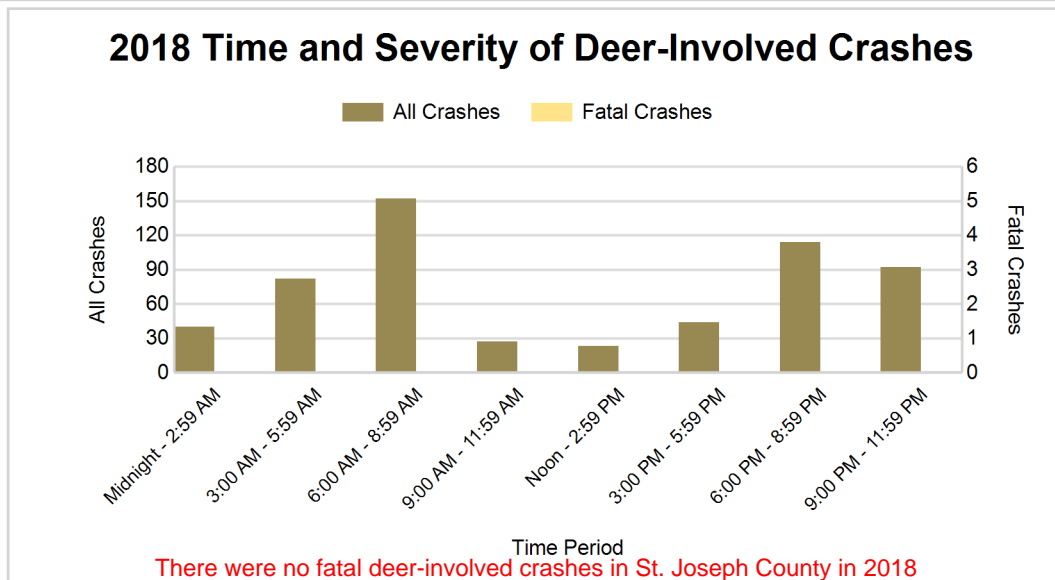
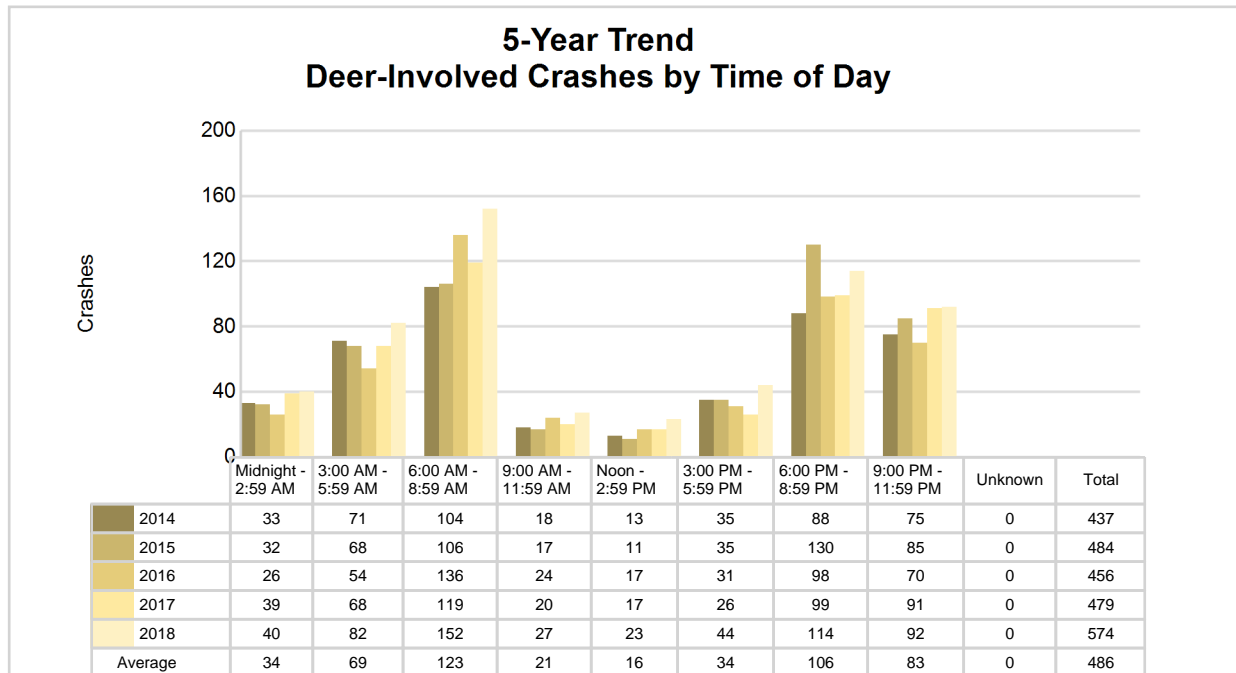




## 5-Year Trend - Deer-Involved Crashes by Time of Day

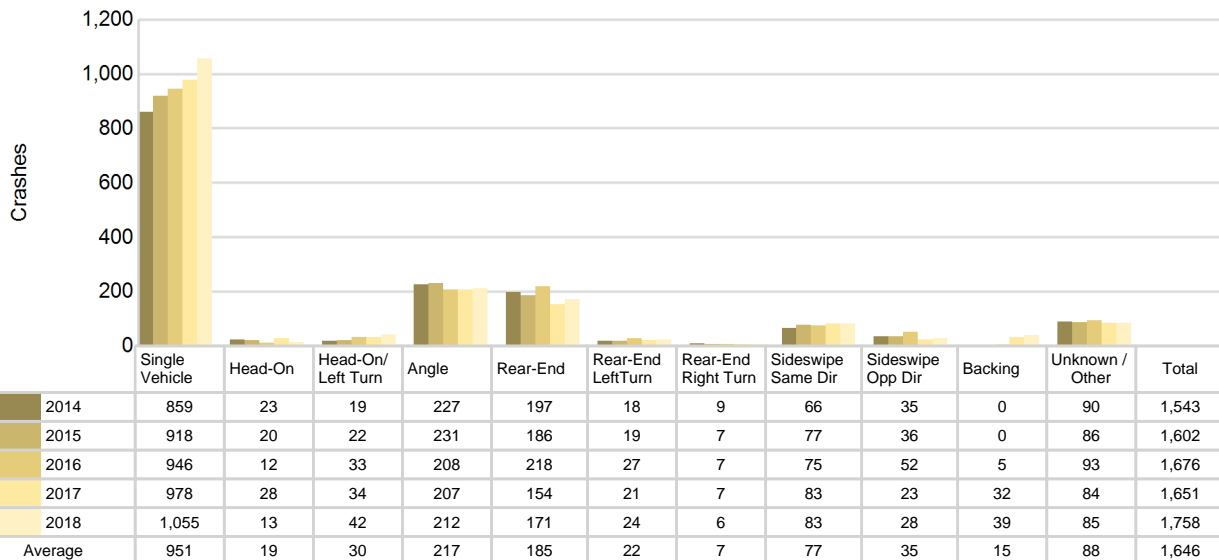
Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	33	0	32	0	26	0	39	0	40	0
3:00 AM - 5:59 AM	71	0	68	0	54	0	68	0	82	0
6:00 AM - 8:59 AM	104	0	106	0	136	0	119	0	152	0
9:00 AM - 11:59 AM	18	0	17	0	24	0	20	0	27	0
Noon - 2:59 PM	13	0	11	0	17	0	17	0	23	0
3:00 PM - 5:59 PM	35	0	35	0	31	0	26	0	44	0
6:00 PM - 8:59 PM	88	0	130	0	98	0	99	1	114	0
9:00 PM - 11:59 PM	75	0	85	0	70	0	91	0	92	0
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>437</b>	<b>0</b>	<b>484</b>	<b>0</b>	<b>456</b>	<b>0</b>	<b>479</b>	<b>1</b>	<b>574</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	859	6	918	1	946	4	978	6	1,055	7
Head-on	23	1	20	0	12	0	28	1	13	1
Head-on / left turn	19	0	22	0	33	2	34	0	42	1
Angle	227	2	231	2	208	1	207	1	212	5
Rear-end	197	0	186	0	218	2	154	0	171	2
Rear-end left turn	18	0	19	0	27	1	21	1	24	0
Rear-end right turn	9	0	7	0	7	1	7	0	6	0
Sideswipe same direction	66	0	77	0	75	0	83	0	83	0
Sideswipe opposite direction	35	0	36	0	52	0	23	0	28	0
Backing	0	0	0	0	5	0	32	0	39	0
Other / Unknown	90	0	86	1	93	0	84	1	85	1
Uncoded and Errors	0	0	1	0	0	0	0	0	0	0
<b>Total</b>	<b>1,543</b>	<b>9</b>	<b>1,603</b>	<b>4</b>	<b>1,676</b>	<b>11</b>	<b>1,651</b>	<b>10</b>	<b>1,758</b>	<b>17</b>

5-Year Trend  
Crashes by Crash Type

# St. Joseph County (continued)

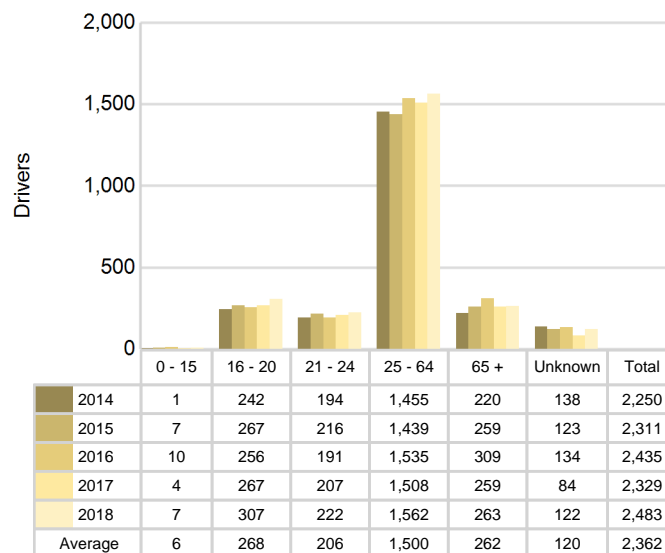
## 2018 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Burr Oak	3	0	1	2	0	0	0	3	0	0	0	0	2
Burr Oak Twp.	57	0	8	49	0	11	1	43	3	1	31	0	11
Centreville	14	0	2	12	0	0	7	7	0	0	3	0	2
Colon	12	0	0	12	0	0	12	0	0	0	6	0	0
Colon Twp.	64	0	11	53	0	0	14	50	3	1	36	0	11
Constantine	15	0	4	11	0	6	0	9	0	1	0	0	6
Constantine Twp.	81	1	18	62	0	41	0	40	6	2	14	1	26
Fabius Twp.	144	3	30	111	0	34	33	77	8	4	53	3	41
Fawn River Twp.	51	0	5	46	0	16	0	35	1	0	22	0	9
Florence Twp.	57	2	12	43	0	0	0	57	2	0	21	4	16
Flowerfield Twp.	38	0	4	34	0	0	13	25	1	1	20	0	4
Leonidas Twp.	44	2	2	40	0	0	10	34	2	0	27	2	4
Lockport Twp.	105	0	13	92	0	14	24	67	3	0	52	0	21
Mendon	6	1	1	4	0	0	6	0	0	0	0	1	2
Mendon Twp.	61	0	6	55	0	0	26	35	2	0	33	0	8
Mottville Twp.	55	1	16	38	0	27	16	11	3	4	10	1	19
Nottawa Twp.	98	0	18	80	0	0	40	58	5	0	58	0	25
Park Twp.	111	2	14	95	0	54	7	50	5	2	44	2	18
Sherman Twp.	141	1	13	127	0	0	46	94	4	2	90	1	17
Sturgis	233	0	43	190	0	50	85	97	8	2	10	0	60
Sturgis Twp.	61	1	16	44	0	26	6	29	4	1	12	1	20
Three Rivers	202	2	33	167	0	62	77	63	5	4	4	2	40
White Pigeon	30	0	8	22	0	27	0	3	0	0	1	0	11
White Pigeon Twp.	75	1	13	61	0	35	0	39	4	3	27	2	21
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,758</b>	<b>17</b>	<b>291</b>	<b>1,450</b>	<b>0</b>	<b>403</b>	<b>423</b>	<b>926</b>	<b>69</b>	<b>28</b>	<b>574</b>	<b>20</b>	<b>394</b>

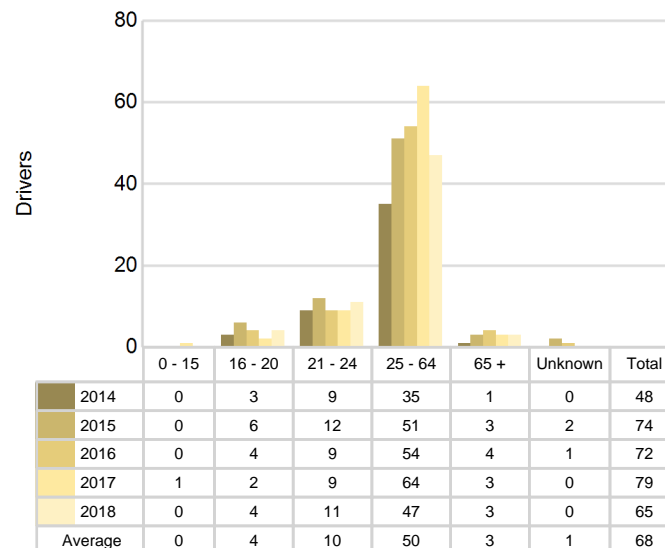
## 5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	1	0	7	0	10	0	4	1	7	0
16 - 20	242	3	267	6	256	4	267	2	307	4
21 - 24	194	9	216	12	191	9	207	9	222	11
25 - 64	1,455	35	1,439	51	1,535	54	1,508	64	1,562	47
65 +	220	1	259	3	309	4	259	3	263	3
Unknown	138	0	123	2	134	1	84	0	122	0
<b>Total</b>	<b>2,250</b>	<b>48</b>	<b>2,311</b>	<b>74</b>	<b>2,435</b>	<b>72</b>	<b>2,329</b>	<b>79</b>	<b>2,483</b>	<b>65</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	7	4	3	4	0	0	1	0	3
21 - 24	12	12	9	11	0	1	5	0	5
25 - 64	62	61	38	47	0	3	16	5	23
65 +	3	7	3	3	0	1	1	0	1
Unknown	2	0	0	0	0	0	0	0	0
<b>Total</b>	<b>86</b>	<b>84</b>	<b>53</b>	<b>65</b>	<b>0</b>	<b>5</b>	<b>23</b>	<b>5</b>	<b>32</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 86 drivers in alcohol-involved crashes; 65 (75.6%) of those drivers were coded as had-been-drinking by the officer on the crash form.

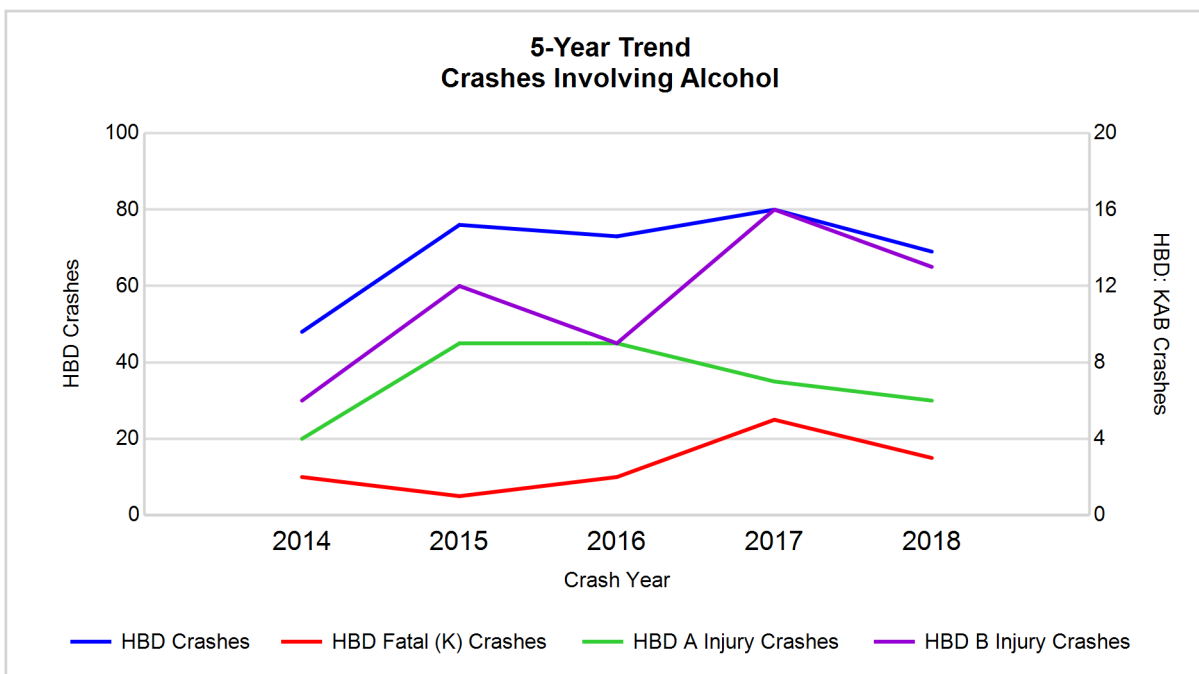
- 28 (43.1%) of the 65 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 5 (17.9%) of the 28 drivers had a BAC at or above 0.17 g/dL.
- 53 (81.5%) of the 65 drivers were coded as had-been-drinking and were tested for alcohol consumption.

## 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	1,543	48	3.1	9	2	22.2	32	4	12.5	67	6	9.0
2015	1,603	76	4.7	4	1	25.0	39	9	23.1	92	12	13.0
2016	1,676	73	4.4	11	2	18.2	38	9	23.7	102	9	8.8
2017	1,651	80	4.8	10	5	50.0	52	7	13.5	110	16	14.5
2018	1,758**	69	3.9	17**	3	17.6*	35	6	17.1	106	13	12.3

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



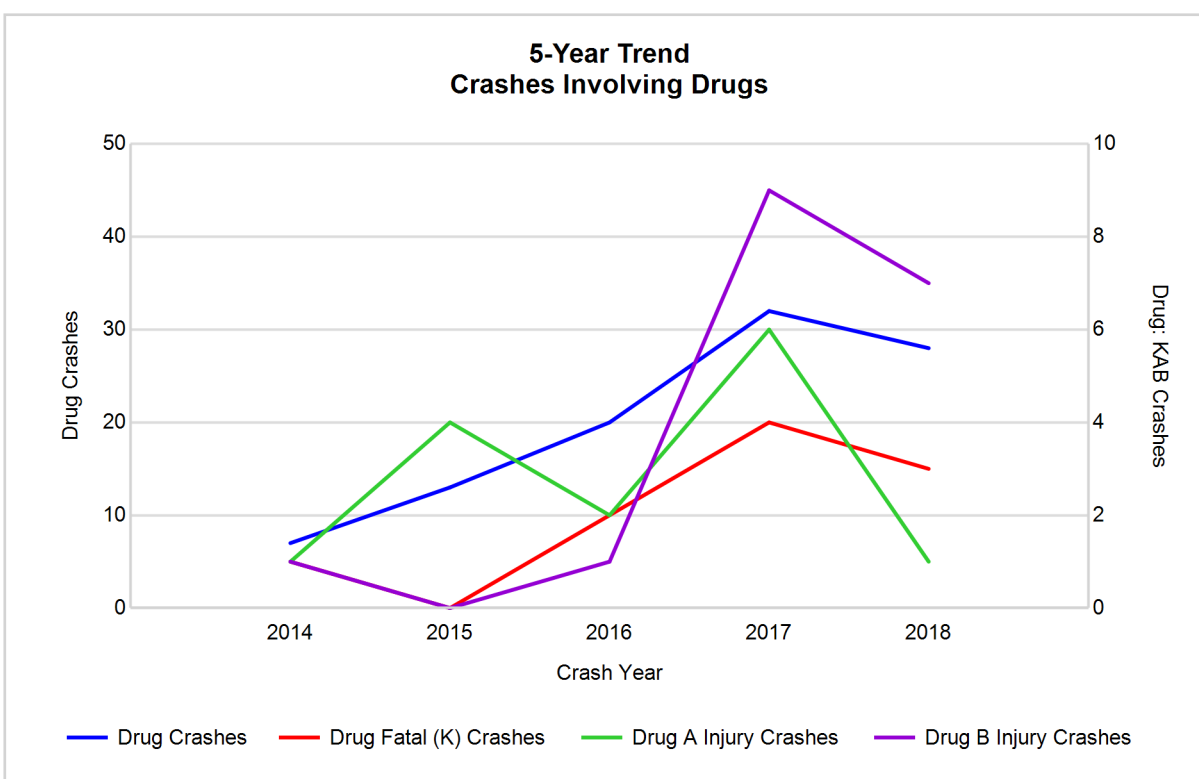
Note: Had-Been-Drinking (HBD)

## 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	1,543	7	0.5	9	1	11.1	32	1	3.1	67	1	1.5
2015	1,603	13	0.8	4	0	0.0	39	4	10.3	92	0	0.0
2016	1,676	20	1.2	11	2	18.2	38	2	5.3	102	1	1.0
2017	1,651	32	1.9	10	4	40.0	52	6	11.5	110	9	8.2
2018	1,758**	28	1.6	17**	3	17.6	35	1	2.9*	106	7	6.6

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

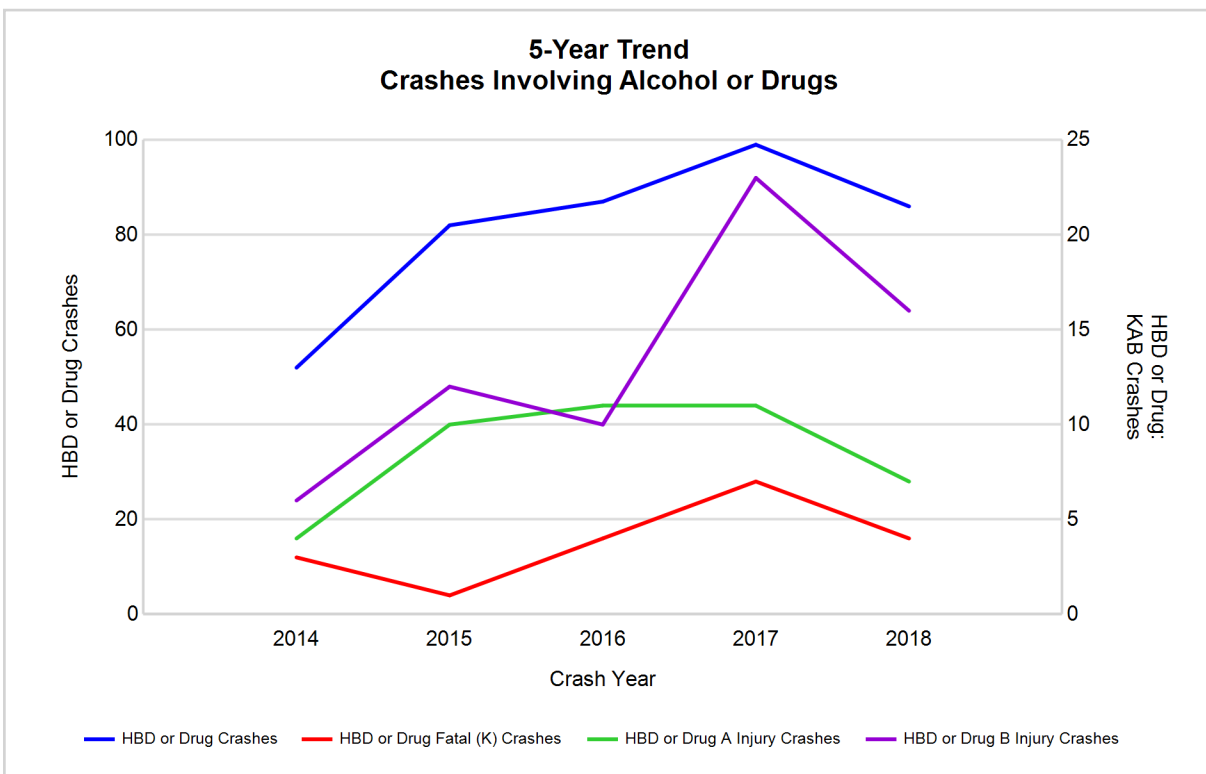


## 5-Year Trend - Crashes Involving Alcohol or Drugs

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	1,543	52	3.4	9	3	33.3	32	4	12.5	67	6	9.0
2015	1,603	82	5.1	4	1	25.0	39	10	25.6	92	12	13.0
2016	1,676	87	5.2	11	4	36.4	38	11	28.9	102	10	9.8
2017	1,651	99	6.0	10	7	70.0	52	11	21.2	110	23	20.9
2018	1,758**	86	4.9	17**	4	23.5*	35	7	20.0	106	16	15.1

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	1,953	1,769	90.6	13	9	69.2	25	20	80.0	101	86	85.1	169	154	91.1	1,573	1,500	95.4
Motor home	5	5	100.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	4	4	100.0
Pickup truck	443	385	86.9	4	0	0.0	6	6	100.0	14	13	92.9	24	23	95.8	378	343	90.7
Small truck under 10,000 lbs. GVWR	18	16	88.9	0	0	0.0	0	0	0.0	2	2	100.0	0	0	0.0	15	14	93.3
Motorcycle	23	16	69.6	2	1	50.0	6	1	16.7	9	8	88.9	3	3	100.0	3	3	100.0
Moped / goped	6	1	16.7	0	0	0.0	1	1	100.0	3	0	0.0	0	0	0.0	1	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	3	0	0.0	0	0	0.0	1	0	0.0	1	0	0.0	1	0	0.0	0	0	0.0
Other	20	8	40.0	0	0	0.0	0	0	0.0	1	0	0.0	1	1	100.0	17	7	41.2
Truck/bus over 10,000 lbs.	80	75	93.8	0	0	0.0	1	1	100.0	2	1	50.0	4	4	100.0	72	69	95.8
Unknown	36	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>2,587</b>	<b>2,275</b>	<b>87.9</b>	<b>19</b>	<b>10</b>	<b>0.0</b>	<b>40</b>	<b>29</b>	<b>72.5</b>	<b>133</b>	<b>110</b>	<b>82.7</b>	<b>203</b>	<b>186</b>	<b>91.6</b>	<b>2,063</b>	<b>1,940</b>	<b>94.0</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	21	19	90.5	0	0	0.0	0	0	0.0	7	5	71.4	8	8	100.0	6	6	100.0
16 - 20	328	303	92.4	2	2	100.0	5	4	80.0	26	20	76.9	31	29	93.5	262	248	94.7
21 - 24	234	211	90.2	2	0	0.0	2	1	50.0	13	9	69.2	27	23	85.2	190	178	93.7
25 - 64	1,608	1,482	92.2	9	4	44.4	30	21	70.0	76	66	86.8	111	101	91.0	1,379	1,290	93.5
65 +	274	260	94.9	6	4	66.7	3	3	100.0	11	10	90.9	26	25	96.2	226	218	96.5
Unknown	122	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>2,587</b>	<b>2,275</b>	<b>87.9</b>	<b>19</b>	<b>10</b>	<b>0.0</b>	<b>40</b>	<b>29</b>	<b>72.5</b>	<b>133</b>	<b>110</b>	<b>82.7</b>	<b>203</b>	<b>186</b>	<b>91.6</b>	<b>2,063</b>	<b>1,940</b>	<b>94.0</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	11	0	0	13	0	1	12	0	1	9	1	2	14	1	2
Shoulder belt only used	0	0	0	1	0	0	10	0	3	10	0	1	13	0	1
Lap belt only used	5	0	1	10	0	1	12	0	1	5	0	2	6	0	0
Both lap & shoulder belts used	2,012	1	213	2,044	2	213	2,163	1	241	2,093	4	241	2,151	6	226
No belts used	21	2	9	15	0	9	19	3	8	17	0	8	19	2	10
Child restraint used	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Child restraint not used, unavailable or improper use	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	2	0	0	1	0	0	0	0	0	1	0	0	0	0	0
Restraint use unknown	35	1	5	70	0	10	95	0	11	147	3	11	249	3	14
Helmet worn	25	0	14	20	0	16	15	1	10	20	1	17	16	1	12
Helmet not worn	5	0	4	16	1	12	16	0	11	18	1	16	12	1	11
Helmet use unknown	1	0	0	4	0	1	4	0	3	3	1	0	2	0	1
Uncoded & errors	132	0	0	117	0	1	89	0	1	5	0	0	1	0	0
<b>Total</b>	<b>2,250</b>	<b>4</b>	<b>246</b>	<b>2,311</b>	<b>3</b>	<b>264</b>	<b>2,435</b>	<b>5</b>	<b>290</b>	<b>2,329</b>	<b>11</b>	<b>298</b>	<b>2,483</b>	<b>14</b>	<b>277</b>

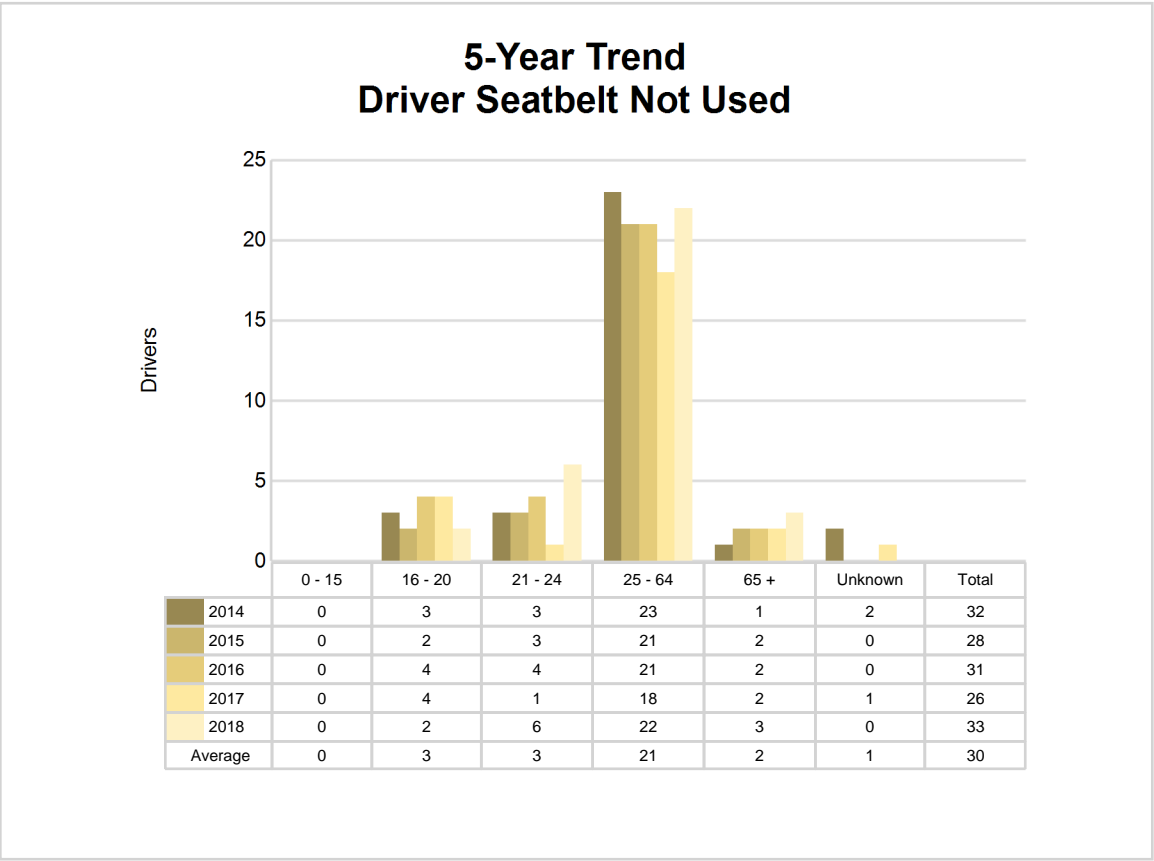
## 5-Year Trend - Restraint Use Among Drivers Coded Drinking

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	1	0	0	0	0	0	3	0	0
Lap belt only used	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
Both lap & shoulder belts used	35	1	8	47	0	15	49	0	21	57	1	19	40	1	14
No belts used	5	0	3	5	0	3	4	2	2	4	0	3	8	0	6
Child restraint used	0	0	0	0	0	0	0	0	0	1	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	6	0	1	15	0	5	15	0	3	8	1	2	13	1	4
Helmet worn	2	0	1	1	0	0	0	0	0	2	1	1	1	0	1
Helmet not worn	0	0	0	5	1	3	1	0	1	5	1	4	0	0	0
Helmet use unknown	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Uncoded & errors	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
<b>Total</b>	<b>48</b>	<b>1</b>	<b>13</b>	<b>74</b>	<b>1</b>	<b>26</b>	<b>72</b>	<b>2</b>	<b>27</b>	<b>79</b>	<b>5</b>	<b>29</b>	<b>65</b>	<b>2</b>	<b>25</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	3	0	1	2	0	1	4	0	2	4	0	3	2	0	2
21 - 24	3	0	2	3	0	2	4	0	1	1	0	1	6	0	3
25 - 64	23	2	6	21	0	7	21	1	6	18	1	6	22	2	5
65 +	1	0	0	2	0	0	2	2	0	2	0	0	3	1	2
Unknown	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Total	32	2	9	28	0	10	31	3	9	26	1	10	33	3	12

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

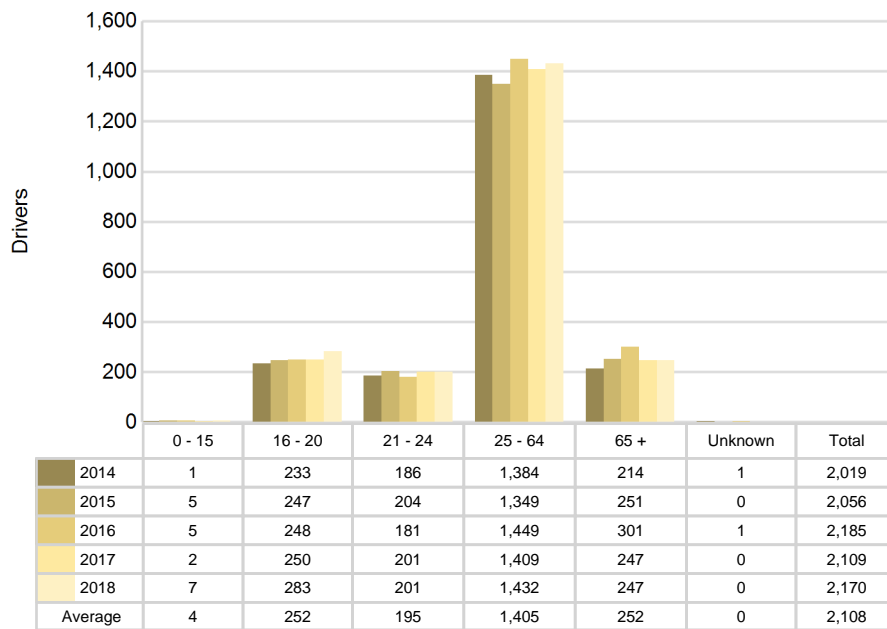


## 5-Year Trend - Seatbelt Used Among Drivers by Age

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	1	0	0	5	0	2	5	0	1	2	0	0	7	0	1
16 - 20	233	0	31	247	0	31	248	0	31	250	0	30	283	0	35
21 - 24	186	0	20	204	1	24	181	0	15	201	0	26	201	0	23
25 - 64	1,384	1	141	1,349	0	132	1,449	1	171	1,409	4	156	1,432	2	142
65 +	214	0	22	251	1	25	301	0	27	247	0	32	247	4	26
Unknown	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
<b>Total</b>	<b>2,019</b>	<b>1</b>	<b>214</b>	<b>2,056</b>	<b>2</b>	<b>214</b>	<b>2,185</b>	<b>1</b>	<b>245</b>	<b>2,109</b>	<b>4</b>	<b>244</b>	<b>2,170</b>	<b>6</b>	<b>227</b>

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

## 5-Year Trend Driver Seatbelt Used



## 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	1,231	5	1,300	5	1,300	9	1,241	8	1,378	11
Speed too fast	250	0	210	1	279	1	247	3	240	5
Speed too slow	1	0	2	0	2	0	7	0	1	0
Failed to yield	201	2	228	2	206	4	220	0	233	2
Disregard traffic control	35	0	44	0	51	1	51	0	40	3
Drove wrong way	1	0	0	0	1	0	1	0	0	0
Drove left of center	14	0	18	0	18	0	12	1	14	1
Improper passing	12	1	12	0	10	0	11	0	10	0
Improper lane use	34	0	36	0	36	0	44	0	45	1
Improper turn	15	0	12	0	19	0	21	0	16	0
Improper/no signal	1	0	4	0	1	0	3	0	2	0
Improper backing	35	0	37	0	38	0	38	0	48	0
Unable to stop in assured clear distance	224	1	206	0	231	2	151	0	200	2
Other	81	1	85	0	93	0	79	0	67	0
Unknown	49	2	31	0	42	0	70	4	85	1
Reckless driving	7	0	14	0	15	0	14	0	20	1
Careless/negligent driving	59	0	72	0	93	2	119	1	84	1
Uncoded & errors	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>2,250</b>	<b>12</b>	<b>2,311</b>	<b>8</b>	<b>2,435</b>	<b>19</b>	<b>2,329</b>	<b>17</b>	<b>2,483</b>	<b>28</b>



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

In 2018, there were 69 alcohol-involved crashes in St. Joseph County:

- 3 K - Fatal Crashes
- 6 A - Suspected Serious Injury Crashes
- 13 B - Suspected Minor Injury Crashes
- 11 C - Possible Injury Crashes
- 36 O - Property Damage Only/No Injury Crashes

### Office of Highway Safety Planning

Physical Address:  
7150 Harris Drive  
Dimondale, Michigan 48821

Mailing Address:  
P.O. Box 30634  
Lansing, Michigan 48909

Phone: (517) 284-3112  
Fax: (517) 284-3151

Find us on the web:  
[MichiganTrafficCrashFacts.org](http://MichiganTrafficCrashFacts.org)

