



2017

**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

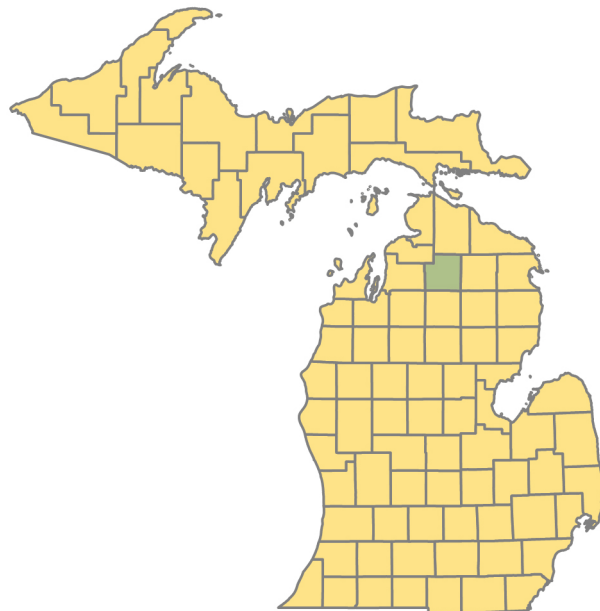
O = No Injury

Property Damage Only (PDO)



## Otsego County

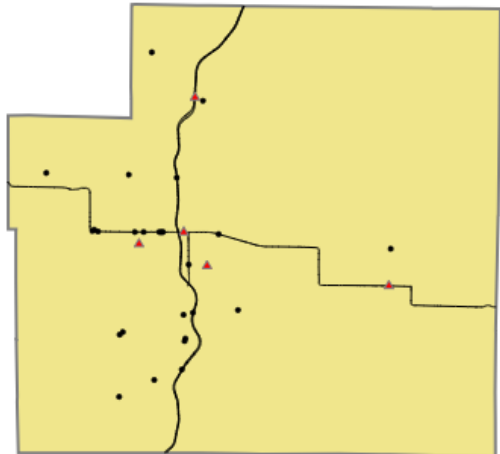
### 2017 Traffic Crash Data & 2013-2017 5-Year Trends



### 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 (5/5)
- A - Suspected Serious (26/26)

## Otsego County

In 2017:

There were 1,393 drivers involved in 967 motor vehicle crashes in Otsego County. Of those crashes, 5 were classified as fatal, resulting in 7 fatalities. An additional 206 persons were injured.

Otsego County experienced the highest number of motor vehicle crashes (151) in December, the highest number of fatal crashes (1) in January, May, July, September, and October, and the highest number of persons killed (2) in January and October.

Michigan driver statistics indicate 6.5 percent of licensed drivers in Otsego County were age 16-20, and 10.5 percent of drivers in crashes were also in that age group.

## 2017 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	83	1	13	69	2	30
February	76	0	11	65	0	12
March	53	0	4	49	0	4
April	45	0	12	33	0	23
May	70	1	12	57	1	15
June	85	0	14	71	0	16
July	75	1	16	58	1	21
August	56	0	8	48	0	9
September	71	1	9	61	1	12
October	85	1	13	71	2	18
November	117	0	14	103	0	18
December	151	0	21	130	0	28
<b>Total</b>	<b>967</b>	<b>5</b>	<b>147</b>	<b>815</b>	<b>7</b>	<b>206</b>

## 2017 - Driver Statistics

Age Group	Otsego County			Driver Rates	
	2017 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	4,625	158	4	8.6	253.2
16 - 20	1,434	1,274	146	1,018.1	1,146.0
21 - 24	1,092	1,069	122	1,117.2	1,141.3
25 - 64	12,371	12,336	907	733.2	735.2
65 +	5,016	4,772	167	332.9	350.0
Unknown	0	0	47	--	--
<b>Total</b>	<b>24,538</b>	<b>19,609</b>	<b>1,393</b>	<b>567.7</b>	<b>710.4</b>

## 2017 - 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	992	71.2	5	62.5	172	815
Motor home	6	0.4	0	0.0	0	6
Pickup truck	303	21.8	2	25.0	45	256
Small truck under 10,000 lbs. GVWR	13	0.9	0	0.0	4	9
Motorcycle	7	0.5	0	0.0	4	3
Moped / goped	5	0.4	0	0.0	3	2
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	7	0.5	0	0.0	6	1
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	4	0.3	0	0.0	3	1
Other	3	0.2	0	0.0	0	3
Truck/bus over 10,000 lbs.	35	2.5	1	12.5	6	28
Unknown	18	1.3	0	0.0	1	17
<b>Total</b>	<b>1,393</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>	<b>244</b>	<b>1,141</b>

## 5-Year Trend - Crashes by Month

Month	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	102	0	115	2	127	0	78	0	83	1
February	89	1	65	0	65	0	76	0	76	0
March	41	0	62	0	55	0	48	0	53	0
April	55	0	40	0	54	0	45	0	45	0
May	49	0	62	0	55	0	51	0	70	1
June	77	1	64	0	81	1	80	1	85	0
July	50	0	66	0	60	3	68	1	75	1
August	46	0	44	0	62	0	51	0	56	0
September	60	0	32	0	61	2	60	0	71	1
October	82	0	76	0	73	0	71	1	85	1
November	108	0	136	0	112	1	145	0	117	0
December	127	1	88	0	61	0	130	0	151	0
<b>Total</b>	<b>886</b>	<b>3</b>	<b>850</b>	<b>2</b>	<b>866</b>	<b>7</b>	<b>903</b>	<b>3</b>	<b>967</b>	<b>5</b>

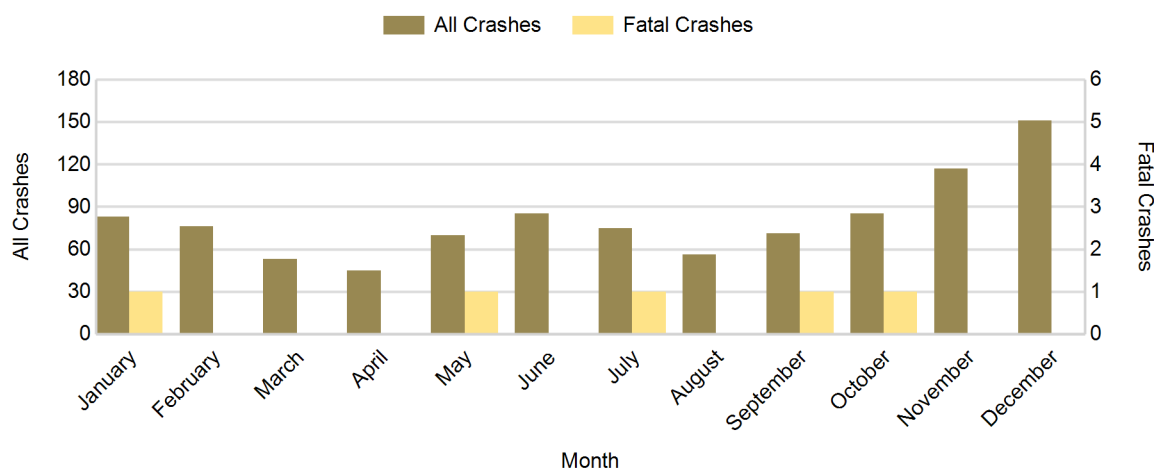
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

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

Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	123	2	103	1	123	1	113	1	121	1
Tuesday	95	0	108	0	103	1	121	1	130	0
Wednesday	134	0	151	1	124	2	147	1	142	1
Thursday	150	0	125	0	132	1	126	0	130	1
Friday	173 †	0	152 †	0	156 †	1	165 †	0	187 †	0
Saturday	115	1	97	0	126	0	126	0	139	2
Sunday	96	0	114	0	102	1	105	0	118	0
<b>Total</b>	<b>886</b>	<b>3</b>	<b>850</b>	<b>2</b>	<b>866</b>	<b>7</b>	<b>903</b>	<b>3</b>	<b>967</b>	<b>5</b>

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

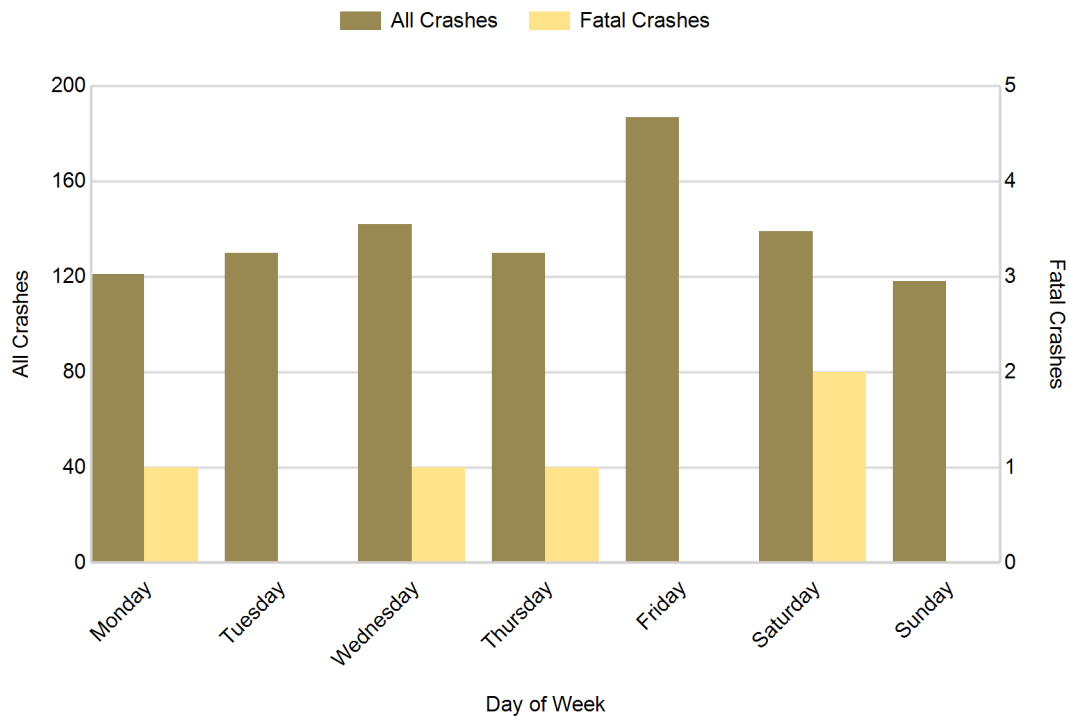
## 2017 Crashes by Month



## 2017 - 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	121	12.5	1	20.0	3	5	6	106
Tuesday	130	13.4	0	0.0	3	4	9	114
Wednesday	142	14.7	1	20.0	1	1	12	127
Thursday	130	13.4	1	20.0	2	8	11	108
Friday	187	19.3	0	0.0	5	11	19	152
Saturday	139	14.4	2	40.0	6	7	12	112
Sunday	118	12.2	0	0.0	6	7	9	96
<b>Total</b>	<b>967</b>	<b>100.0</b>	<b>5</b>	<b>100.0</b>	<b>26</b>	<b>43</b>	<b>78</b>	<b>815</b>

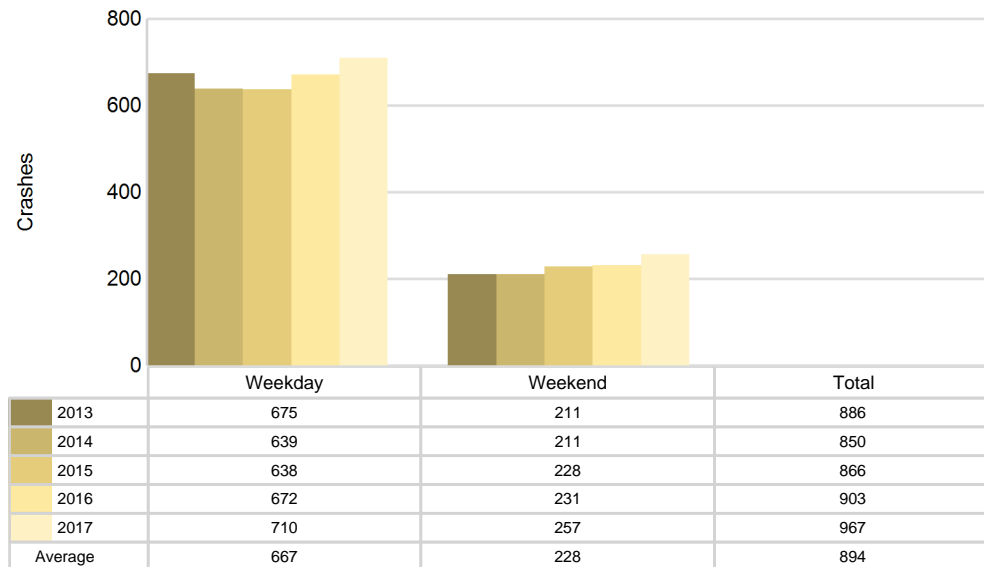
## 2017 Day of Week and Severity



## 5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	675	2	639	2	638	6	672	3	710	3
Weekend	211	1	211	0	228	1	231	0	257	2
<b>Total</b>	<b>886</b>	<b>3</b>	<b>850</b>	<b>2</b>	<b>866</b>	<b>7</b>	<b>903</b>	<b>3</b>	<b>967</b>	<b>5</b>

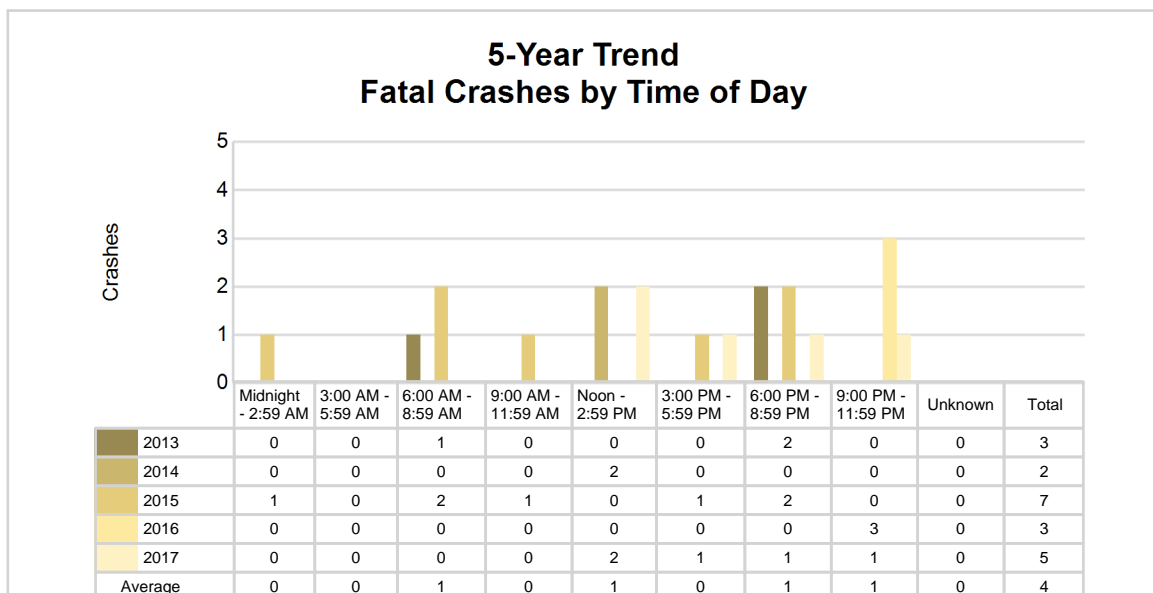
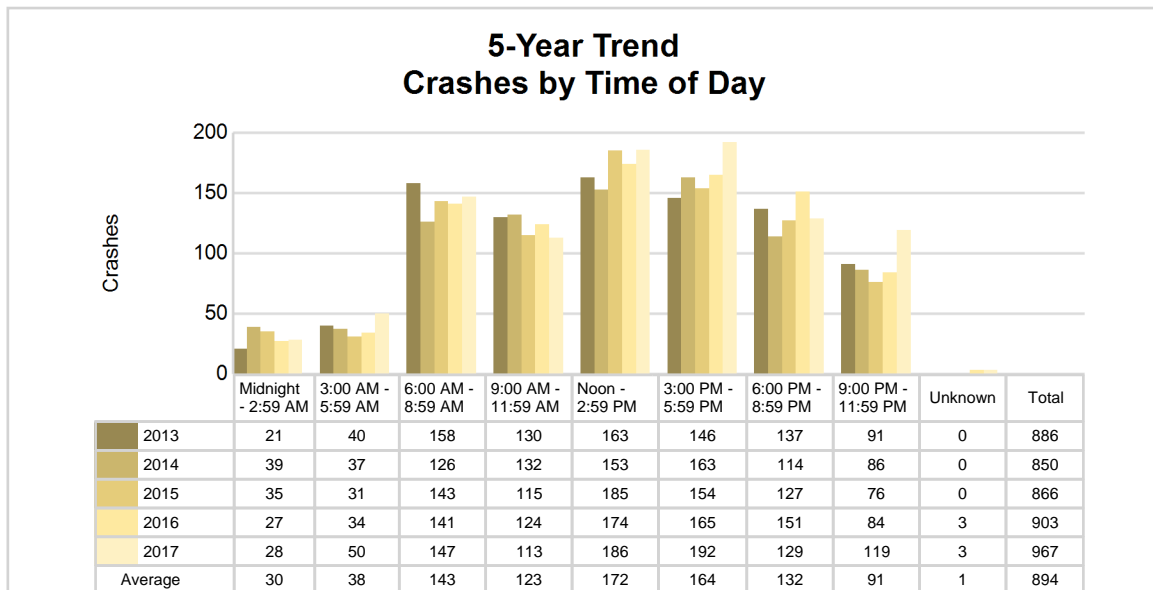
### 5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



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

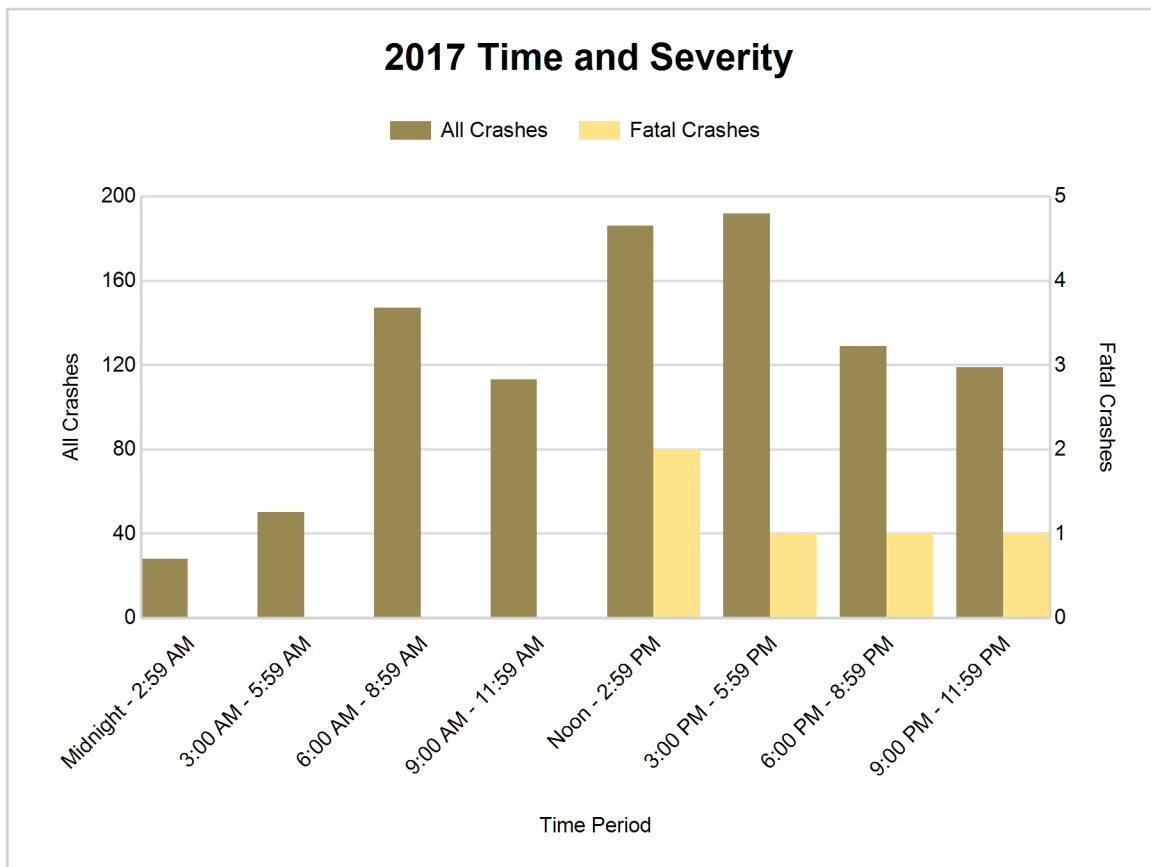
Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	21	0	39	0	35	1	27	0	28	0
3:00 AM - 5:59 AM	40	0	37	0	31	0	34	0	50	0
6:00 AM - 8:59 AM	158	1	126	0	143	2	141	0	147	0
9:00 AM - 11:59 AM	130	0	132	0	115	1	124	0	113	0
Noon - 2:59 PM	163	0	153	2	185	0	174	0	186	2
3:00 PM - 5:59 PM	146	0	163	0	154	1	165	0	192	1
6:00 PM - 8:59 PM	137	2	114	0	127	2	151	0	129	1
9:00 PM - 11:59 PM	91	0	86	0	76	0	84	3	119	1
Unknown	0	0	0	0	0	0	3	0	3	0
<b>Total</b>	<b>886</b>	<b>3</b>	<b>850</b>	<b>2</b>	<b>866</b>	<b>7</b>	<b>903</b>	<b>3</b>	<b>967</b>	<b>5</b>

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



## 2017 - 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	28	2.9	0	0.0	1	1	3	23
3:00 AM - 5:59 AM	50	5.2	0	0.0	2	0	2	46
6:00 AM - 8:59 AM	147	15.2	0	0.0	0	2	9	136
9:00 AM - 11:59 AM	113	11.7	0	0.0	4	3	12	94
Noon - 2:59 PM	186	19.2	2	40.0	5	13	20	146
3:00 PM - 5:59 PM	192	19.9	1	20.0	6	17	20	148
6:00 PM - 8:59 PM	129	13.3	1	20.0	4	5	7	112
9:00 PM - 11:59 PM	119	12.3	1	20.0	3	2	5	108
Unknown	3	0.3	0	0.0	1	0	0	2
<b>Total</b>	<b>967</b>	<b>100.0</b>	<b>5</b>	<b>100.0</b>	<b>26</b>	<b>43</b>	<b>78</b>	<b>815</b>

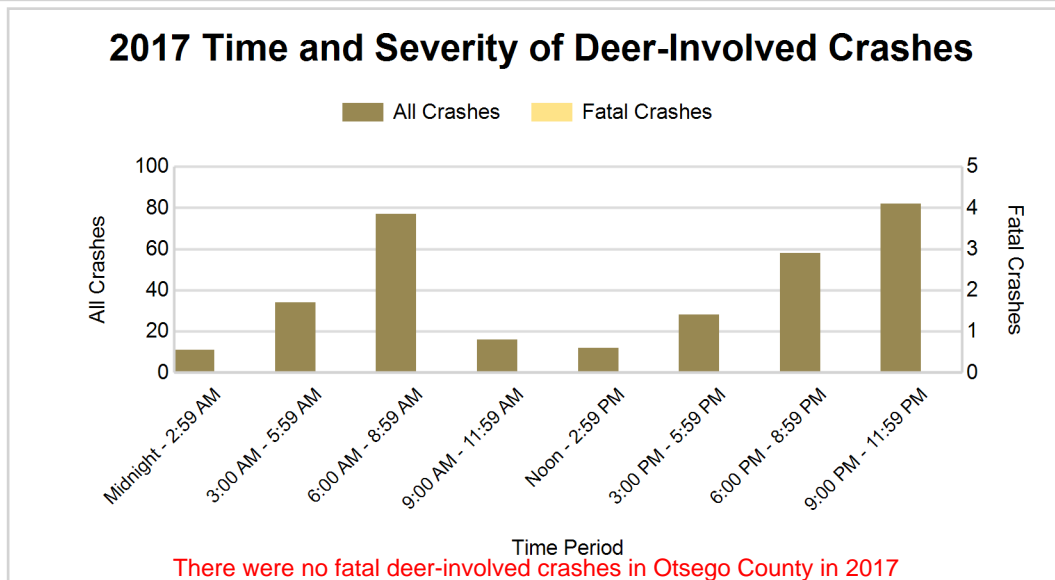
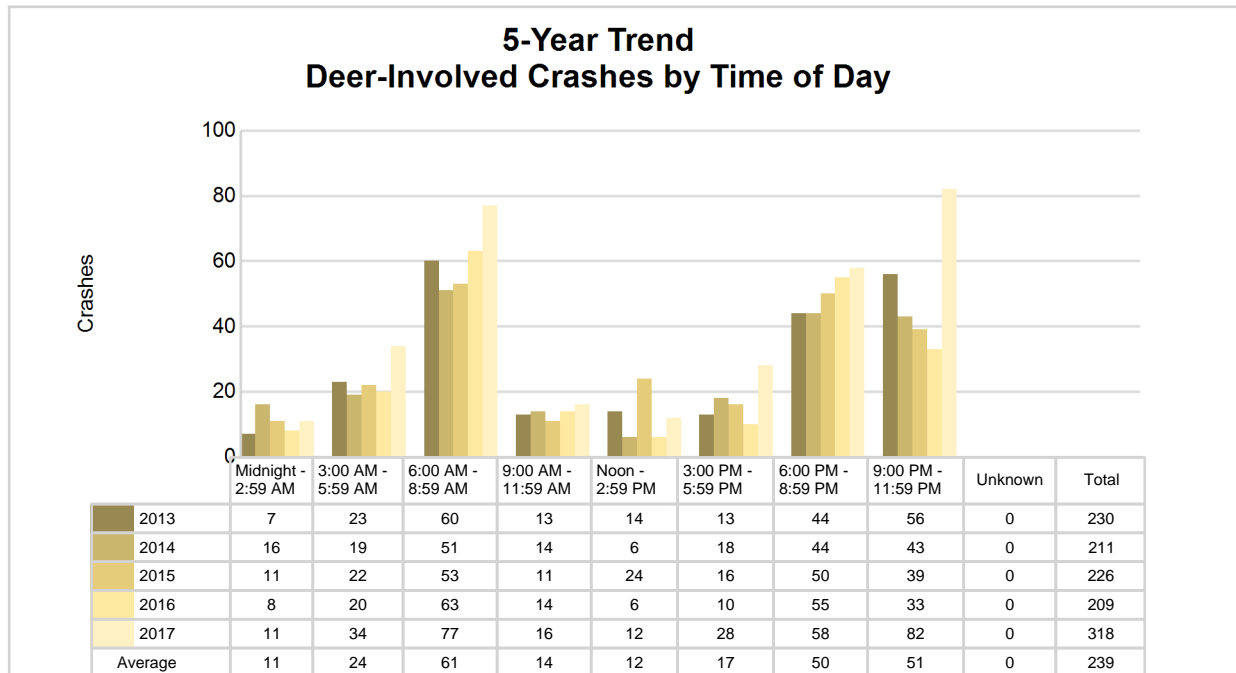




## 5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	7	0	16	0	11	0	8	0	11	0
3:00 AM - 5:59 AM	23	0	19	0	22	0	20	0	34	0
6:00 AM - 8:59 AM	60	0	51	0	53	0	63	0	77	0
9:00 AM - 11:59 AM	13	0	14	0	11	0	14	0	16	0
Noon - 2:59 PM	14	0	6	0	24	0	6	0	12	0
3:00 PM - 5:59 PM	13	0	18	0	16	0	10	0	28	0
6:00 PM - 8:59 PM	44	0	44	0	50	0	55	0	58	0
9:00 PM - 11:59 PM	56	0	43	0	39	0	33	0	82	0
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>230</b>	<b>0</b>	<b>211</b>	<b>0</b>	<b>226</b>	<b>0</b>	<b>209</b>	<b>0</b>	<b>318</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



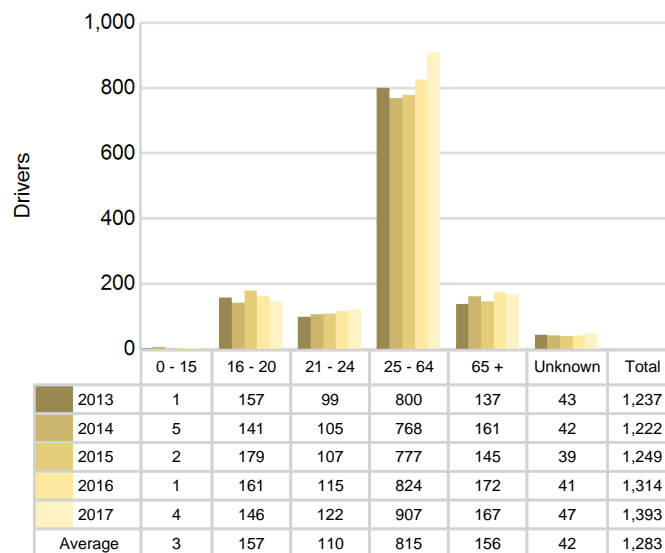
## 2017 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Bagley Twp.	128	1	20	107	40	0	11	76	5	1	36	1	29
Charlton Twp.	77	1	7	69	0	0	33	43	2	0	58	2	11
Chester Twp.	70	0	3	67	0	0	36	33	1	0	54	0	4
Corwith Twp.	74	1	11	62	35	0	0	39	7	2	24	1	12
Dover Twp.	31	0	0	31	0	0	0	31	0	0	26	0	0
Elmira Twp.	32	0	6	26	0	0	21	10	3	1	10	0	7
Gaylord	257	1	50	206	46	0	146	64	8	4	6	1	71
Hayes Twp.	83	1	14	68	0	0	20	62	5	2	33	2	19
Livingston Twp.	123	0	15	108	50	0	14	58	3	0	54	0	25
Otsego Lake Twp.	77	0	19	58	44	0	0	33	3	1	16	0	24
Vanderbilt	15	0	2	13	9	0	0	6	1	1	1	0	4
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>967</b>	<b>5</b>	<b>147</b>	<b>815</b>	<b>224</b>	<b>0</b>	<b>281</b>	<b>455</b>	<b>38</b>	<b>12</b>	<b>318</b>	<b>7</b>	<b>206</b>

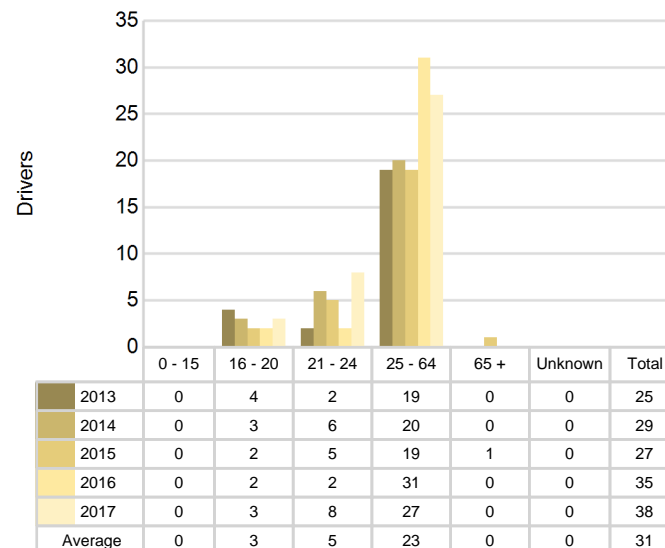
## 5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2013		2014		2015		2016		2017	
	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	5	0	2	0	1	0	4	0
16 - 20	157	4	141	3	179	2	161	2	146	3
21 - 24	99	2	105	6	107	5	115	2	122	8
25 - 64	800	19	768	20	777	19	824	31	907	27
65 +	137	0	161	0	145	1	172	0	167	0
Unknown	43	0	42	0	39	0	41	0	47	0
<b>Total</b>	<b>1,237</b>	<b>25</b>	<b>1,222</b>	<b>29</b>	<b>1,249</b>	<b>27</b>	<b>1,314</b>	<b>35</b>	<b>1,393</b>	<b>38</b>

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



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



**2017 - 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	4	3	2	3	0	0	0	0	3
21 - 24	10	11	7	8	0	1	1	2	4
25 - 64	33	30	22	27	0	4	4	4	15
65 +	2	1	0	0	0	0	0	0	0
Unknown	1	0	0	0	0	0	0	0	0
<b>Total</b>	<b>50</b>	<b>45</b>	<b>31</b>	<b>38</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>6</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 2017, there were 50 drivers in alcohol-involved crashes; 38 (76.0%) of those drivers were coded as had-been-drinking by the officer on the crash form.

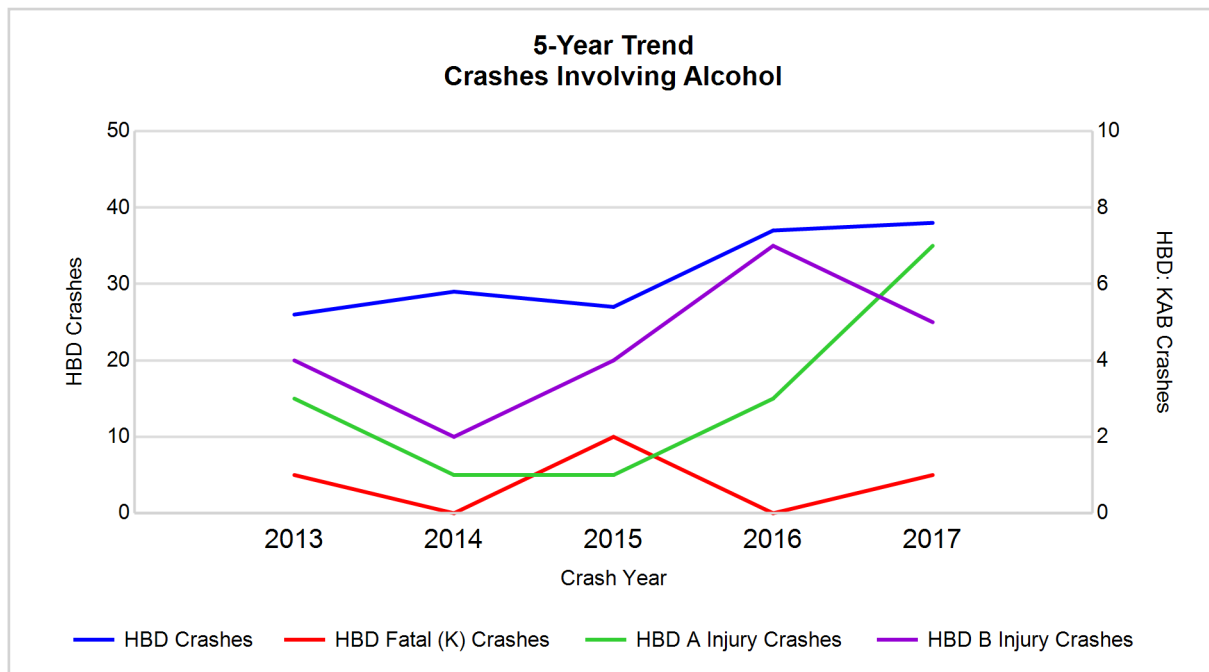
- 11 (28.9%) of the 38 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 6 (54.5%) of the 11 drivers had a BAC at or above 0.17 g/dL.
- 31 (81.6%) of the 38 drivers were coded as had-been-drinking and were tested for alcohol consumption.

**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
2013	886	26	2.9	3	1	33.3	18	3	16.7	48	4	8.3
2014	850	29	3.4	2	0	0.0	11	1	9.1	27	2	7.4
2015	866	27	3.1	7	2	28.6	20	1	5.0	34	4	11.8
2016	903	37	4.1	3	0	0.0	13	3	23.1	37	7	18.9
2017	967**	38**	3.9	5	1	20.0	26**	7**	26.9**	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



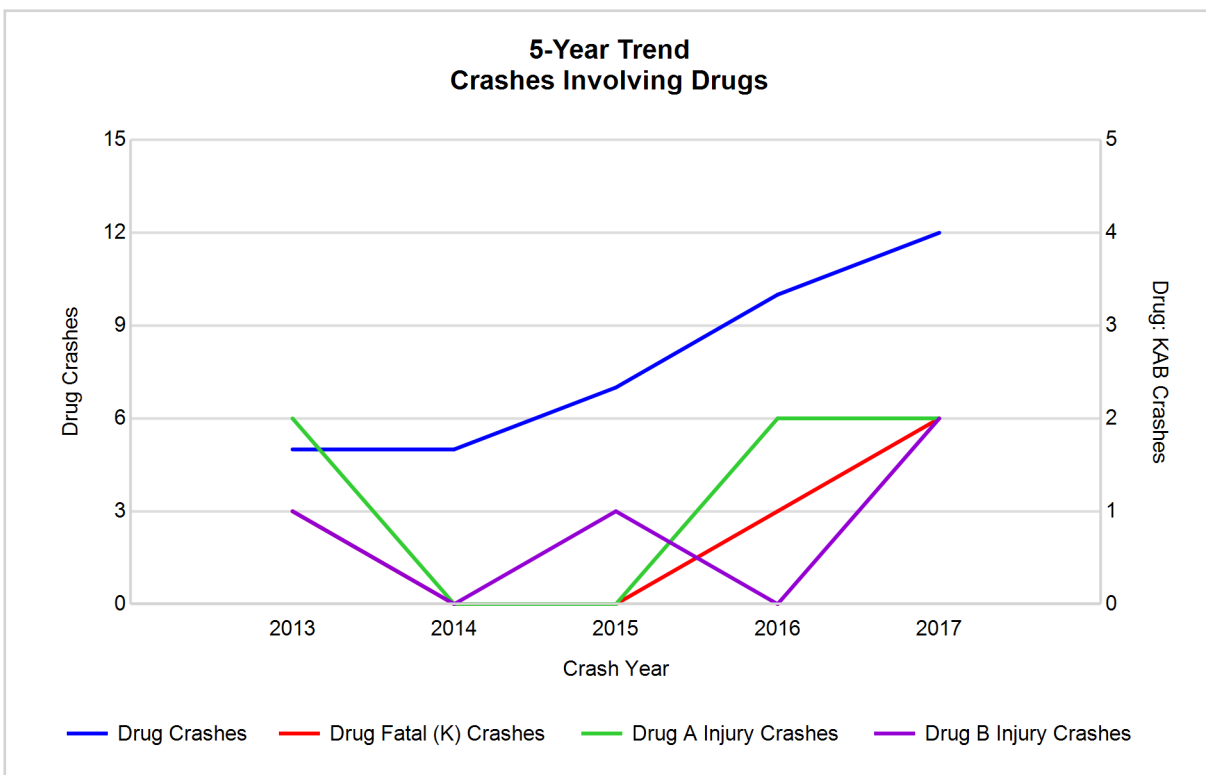
Note: Had-Been-Drinking (HBD)

## 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
2013	886	5	0.6	3	1	33.3	18	2	11.1	48	1	2.1
2014	850	5	0.6	2	0	0.0	11	0	0.0	27	0	0.0
2015	866	7	0.8	7	0	0.0	20	0	0.0	34	1	2.9
2016	903	10	1.1	3	1	33.3	13	2	15.4	37	0	0.0
2017	967**	12**	1.2**	5	2**	40.0**	26**	2	7.7	43	2**	4.7**

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

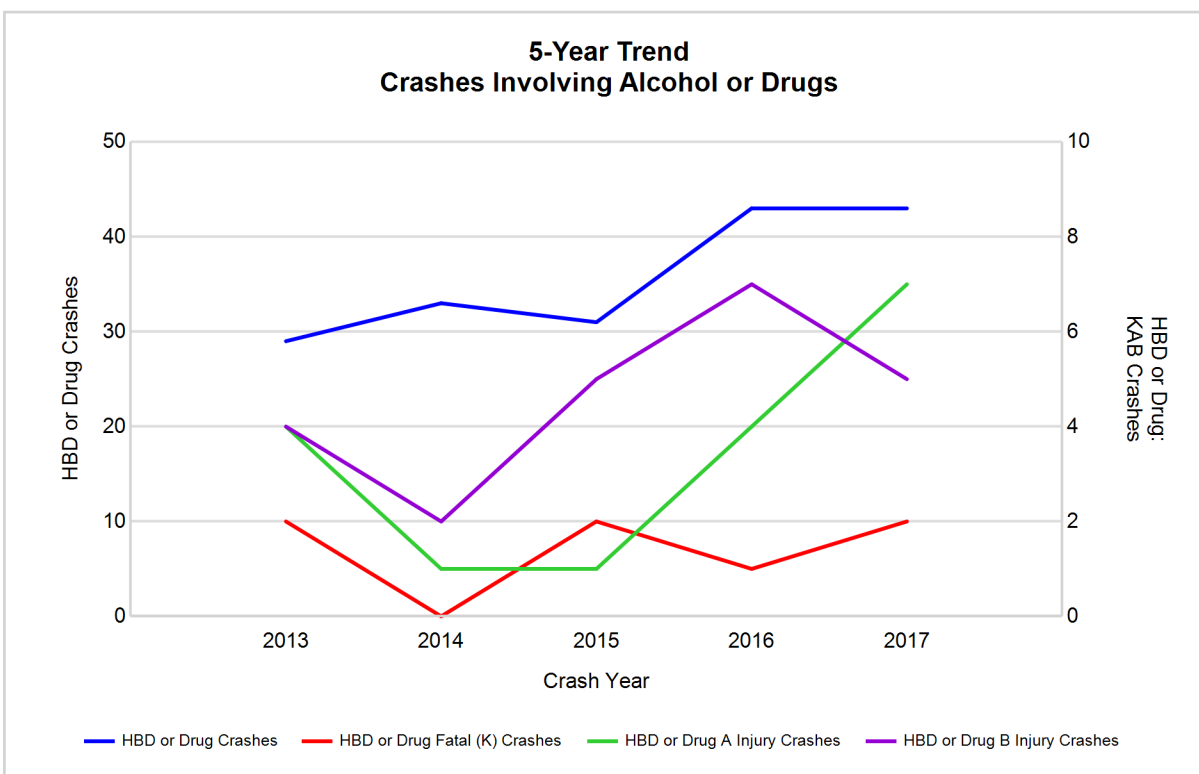


## 5-Year Trend - Crashes Involving Alcohol or Drugs

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
2013	886	29	3.3	3	2	66.7	18	4	22.2	48	4	8.3
2014	850	33	3.9	2	0	0.0	11	1	9.1	27	2	7.4
2015	866	31	3.6	7	2	28.6	20	1	5.0	34	5	14.7
2016	903	43	4.8	3	1	33.3	13	4	30.8	37	7	18.9
2017	967**	43	4.4	5	2	40.0	26**	7**	26.9	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)

## 2017 - 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	1,027	977	95.1	3	2	66.7	19	17	89.5	41	37	90.2	87	84	96.6	823	807	98.1
Motor home	6	6	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	5	100.0
Pickup truck	320	306	95.6	3	3	100.0	8	8	100.0	7	6	85.7	19	18	94.7	270	262	97.0
Small truck under 10,000 lbs. GVWR	13	11	84.6	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	11	11	100.0
Motorcycle	8	5	62.5	0	0	0.0	1	0	0.0	2	1	50.0	2	2	100.0	3	2	66.7
Moped / goped	5	0	0.0	0	0	0.0	3	0	0.0	0	0	0.0	0	0	0.0	2	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	7	7	100.0	0	0	0.0	2	2	100.0	1	1	100.0	3	3	100.0	1	1	100.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	4	2	50.0	0	0	0.0	2	1	50.0	1	1	100.0	0	0	0.0	0	0	0.0
Other	3	2	66.7	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	3	2	66.7
Truck/bus over 10,000 lbs.	35	32	91.4	0	0	0.0	0	0	0.0	0	0	0.0	2	2	100.0	32	30	93.8
Unknown	18	2	11.1	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	2	100.0
<b>Total</b>	<b>1,446</b>	<b>1,350</b>	<b>93.4</b>	<b>6</b>	<b>5</b>	<b>0.0</b>	<b>35</b>	<b>28</b>	<b>80.0</b>	<b>52</b>	<b>46</b>	<b>88.5</b>	<b>114</b>	<b>109</b>	<b>95.6</b>	<b>1,152</b>	<b>1,122</b>	<b>97.4</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.

## 2017 - 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	16	100.0	0	0	0.0	4	4	100.0	3	3	100.0	6	6	100.0	3	3	100.0
16 - 20	156	151	96.8	2	1	50.0	3	2	66.7	5	5	100.0	22	21	95.5	119	117	98.3
21 - 24	126	119	94.4	0	0	0.0	3	2	66.7	8	7	87.5	12	11	91.7	101	98	97.0
25 - 64	931	897	96.3	3	3	100.0	21	16	76.2	29	25	86.2	65	62	95.4	787	766	97.3
65 +	170	165	97.1	1	1	100.0	4	4	100.0	7	6	85.7	9	9	100.0	140	136	97.1
Unknown	47	2	4.3	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	2	100.0
<b>Total</b>	<b>1,446</b>	<b>1,350</b>	<b>93.4</b>	<b>6</b>	<b>5</b>	<b>0.0</b>	<b>35</b>	<b>28</b>	<b>80.0</b>	<b>52</b>	<b>46</b>	<b>88.5</b>	<b>114</b>	<b>109</b>	<b>95.6</b>	<b>1,152</b>	<b>1,122</b>	<b>97.4</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	2013			2014			2015			2016			2017		
	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	5	0	2	8	0	0	2	0	0	8	0	1	5	0	1
Shoulder belt only used	0	0	0	1	0	0	0	0	0	11	0	2	3	0	1
Lap belt only used	0	0	0	0	0	0	3	0	0	0	0	0	1	0	0
Both lap & shoulder belts used	1,155	0	116	1,147	2	94	1,160	1	123	1,210	1	106	1,280	4	124
No belts used	8	1	6	5	0	2	9	1	6	10	1	6	6	1	2
Child restraint used	1	0	0	0	0	0	0	0	0	5	0	0	2	0	0
Child restraint not used, unavailable or improper use	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Restraint failure	1	0	0	0	0	0	0	0	0	2	0	0	2	0	0
Restraint use unknown	11	0	1	8	0	0	12	1	2	20	1	2	36	0	7
Helmet worn	12	1	8	4	0	3	16	1	8	13	0	10	12	0	9
Helmet not worn	3	1	2	4	0	0	4	1	3	3	0	2	8	0	5
Helmet use unknown	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
Uncoded & errors	41	0	0	45	0	1	41	0	0	31	0	0	38	0	0
<b>Total</b>	<b>1,237</b>	<b>3</b>	<b>135</b>	<b>1,222</b>	<b>2</b>	<b>100</b>	<b>1,249</b>	<b>5</b>	<b>143</b>	<b>1,314</b>	<b>3</b>	<b>129</b>	<b>1,393</b>	<b>5</b>	<b>149</b>

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

Restraint Use	2013			2014			2015			2016			2017		
	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	1	0	1
Lap belt only used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Both lap & shoulder belts used	19	0	7	25	0	5	19	0	7	26	0	5	25	0	5
No belts used	2	0	2	1	0	0	1	0	1	4	0	3	2	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	0	3	0	0	6	0	2	5	0	2	7	0	5
Helmet worn	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1
Helmet not worn	1	1	0	0	0	0	0	0	0	0	0	0	2	0	2
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>25</b>	<b>1</b>	<b>9</b>	<b>29</b>	<b>0</b>	<b>5</b>	<b>27</b>	<b>1</b>	<b>10</b>	<b>35</b>	<b>0</b>	<b>10</b>	<b>38</b>	<b>1</b>	<b>15</b>

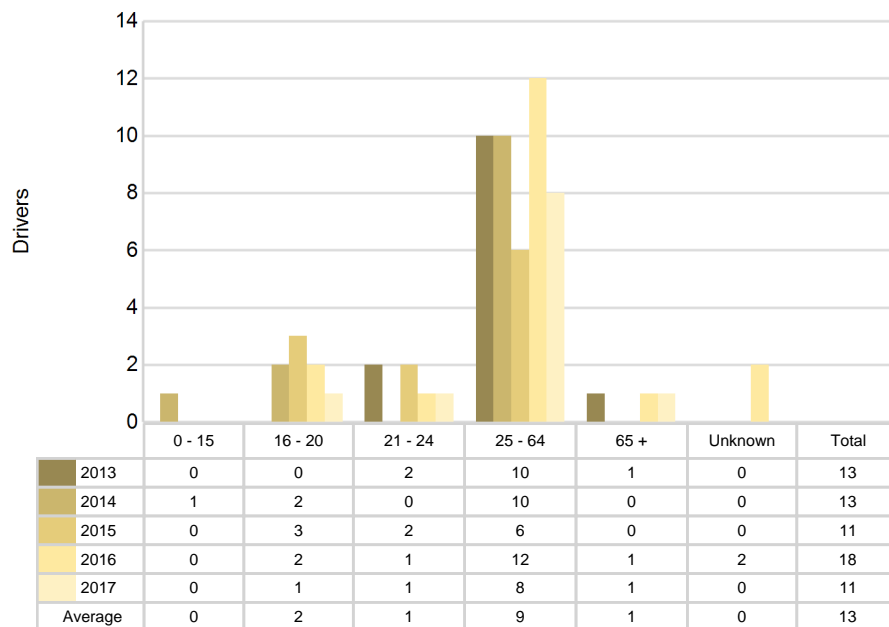


## 5-Year Trend - Seatbelt Not Used Among Drivers by Age

Age Group	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16 - 20	0	0	0	2	0	0	3	0	2	2	0	2	1	1	0
21 - 24	2	0	0	0	0	0	2	0	1	1	0	0	1	0	1
25 - 64	10	1	7	10	0	2	6	1	3	12	1	4	8	0	2
65 +	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0
Unknown	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0
<b>Total</b>	<b>13</b>	<b>1</b>	<b>8</b>	<b>13</b>	<b>0</b>	<b>2</b>	<b>11</b>	<b>1</b>	<b>6</b>	<b>18</b>	<b>1</b>	<b>7</b>	<b>11</b>	<b>1</b>	<b>3</b>

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

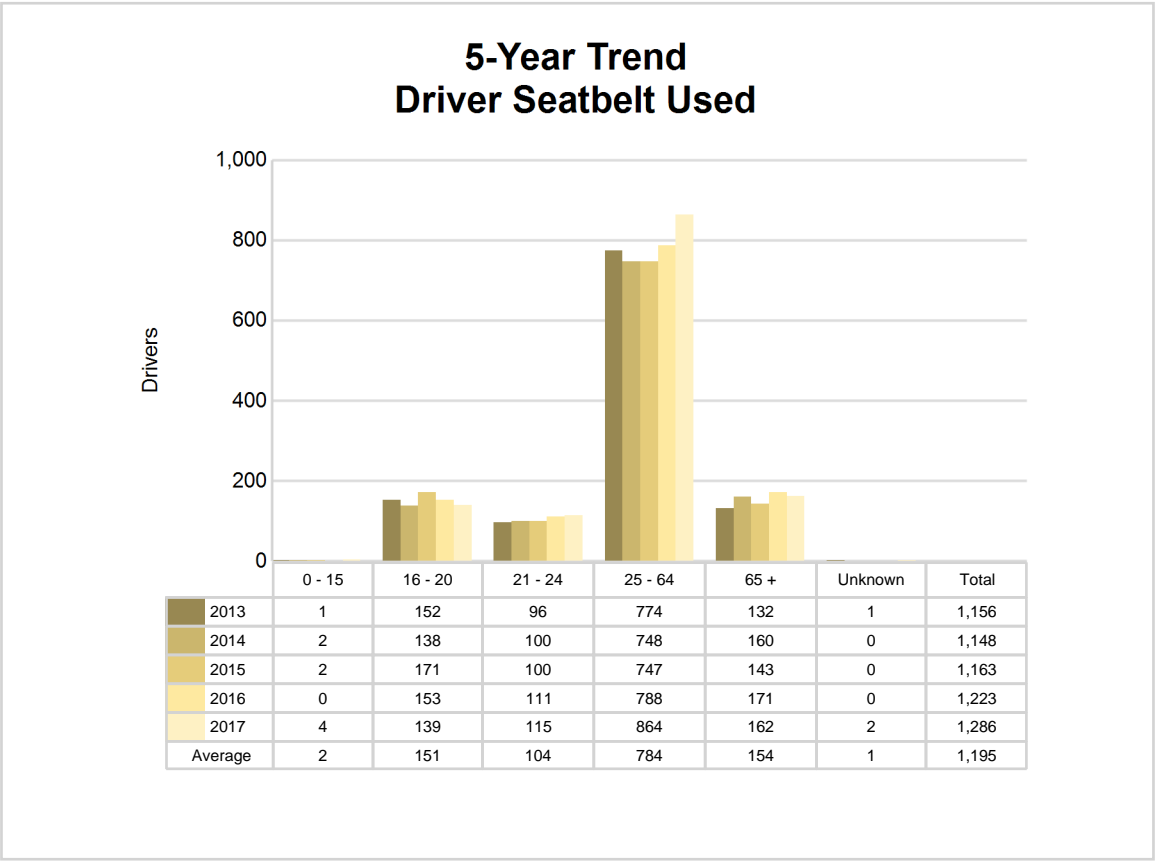
## 5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2013			2014			2015			2016			2017		
	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	2	0	0	2	0	1	0	0	0	4	0	1
16 - 20	152	0	16	138	0	14	171	0	27	153	0	13	139	1	16
21 - 24	96	0	11	100	0	10	100	0	12	111	0	10	115	0	16
25 - 64	774	0	70	748	1	61	747	1	70	788	0	70	864	2	76
65 +	132	0	19	160	1	9	143	0	13	171	1	15	162	1	16
Unknown	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0
Total	1,156	0	116	1,148	2	94	1,163	1	123	1,223	1	108	1,286	4	125

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	2013		2014		2015		2016		2017	
	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	592	2	610	2	649	4	622	0	744	4
Speed too fast	270	2	219	1	176	2	217	1	216	0
Speed too slow	3	0	2	0	3	0	0	0	1	0
Failed to yield	89	1	117	0	116	0	119	0	114	1
Disregard traffic control	22	0	23	0	22	0	23	0	25	0
Drove wrong way	1	0	0	0	0	0	1	0	2	0
Drove left of center	4	0	3	1	7	1	11	0	11	2
Improper passing	3	0	9	0	4	0	6	0	8	0
Improper lane use	15	0	19	0	23	0	29	0	23	0
Improper turn	9	0	9	0	6	0	7	0	7	0
Improper/no signal	2	0	2	0	1	0	1	0	0	0
Improper backing	17	0	17	0	11	0	14	0	9	0
Unable to stop in assured clear distance	115	0	91	0	124	0	121	0	106	0
Other	23	0	26	0	33	3	50	2	34	0
Unknown	10	0	18	0	5	0	18	0	13	1
Reckless driving	5	0	0	0	8	0	5	0	3	0
Careless/negligent driving	30	0	40	0	30	0	31	0	27	0
Uncoded & errors	27	0	17	0	31	0	39	0	50	0
<b>Total</b>	<b>1,237</b>	<b>5</b>	<b>1,222</b>	<b>4</b>	<b>1,249</b>	<b>10</b>	<b>1,314</b>	<b>3</b>	<b>1,393</b>	<b>8</b>



The picture above represents all 2017 alcohol-involved fatal crashes in Otsego County.

In 2017, there were 38 alcohol-involved crashes in Otsego County:

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

### Office of Highway Safety Planning

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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)

