



# 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

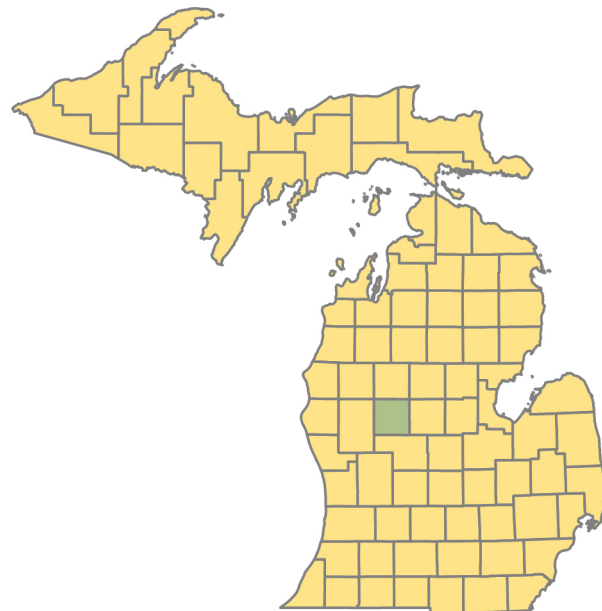
O = No Injury

Property Damage Only (PDO)



## Mecosta County

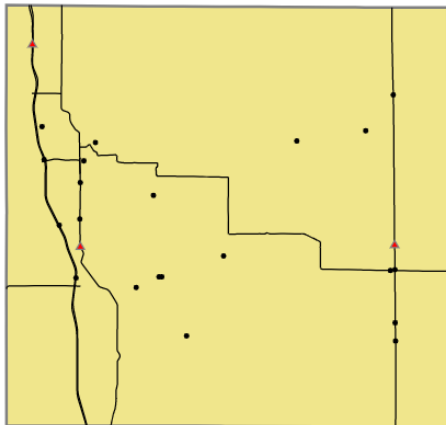
### 2018 Traffic Crash Data & 2014-2018 5-Year Trends



### 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 (21/21)

## 2018 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	168	0	18	150	0	19
February	127	1	19	107	1	28
March	125	0	17	108	0	22
April	129	0	13	116	0	13
May	104	0	22	82	0	25
June	122	1	20	101	1	26
July	108	0	18	90	0	31
August	128	0	17	111	0	21
September	131	0	17	114	0	23
October	237	0	21	216	0	32
November	240	0	22	218	0	27
December	169	1	12	156	1	13
<b>Total</b>	<b>1,788</b>	<b>3</b>	<b>216</b>	<b>1,569</b>	<b>3</b>	<b>280</b>

## Mecosta County

In 2018:

There were 2,283 drivers involved in 1,788 motor vehicle crashes in Mecosta County. Of those crashes, 3 were classified as fatal, resulting in 3 fatalities. An additional 280 persons were injured.

Mecosta County experienced the highest number of motor vehicle crashes (240) in November, the highest number of fatal crashes (1) and the highest number of persons killed (1) in February, June, and December.

Michigan driver statistics indicate 7.0 percent of licensed drivers in Mecosta County were age 16-20, and 13.6 percent of drivers in crashes were also in that age group.

## 2018 - Driver Statistics

Age Group	Mecosta County			Driver Rates	
	2018 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	7,004	167	2	2.9	119.8
16 - 20	5,182	1,967	311	600.2	1,581.1
21 - 24	3,966	1,944	278	701.0	1,430.0
25 - 64	19,418	16,562	1,320	679.8	797.0
65 +	7,975	7,261	301	377.4	414.5
Unknown	0	0	71	--	--
<b>Total</b>	<b>43,545</b>	<b>27,901</b>	<b>2,283</b>	<b>524.3</b>	<b>818.3</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	1,747	76.5	3	75.0	241	1,503
Motor home	5	0.2	0	0.0	0	5
Pickup truck	440	19.3	0	0.0	66	374
Small truck under 10,000 lbs. GVWR	14	0.6	0	0.0	0	14
Motorcycle	12	0.5	0	0.0	8	4
Moped / goped	0	0.0	0	0.0	0	0
Go-cart / golf cart	1	0.0	0	0.0	1	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	0	0.0	0	0.0	0	0
Other	9	0.4	0	0.0	0	9
Truck/bus over 10,000 lbs.	37	1.6	1	25.0	5	31
Unknown	18	0.8	0	0.0	0	18
<b>Total</b>	<b>2,283</b>	<b>100.0</b>	<b>4</b>	<b>100.0</b>	<b>321</b>	<b>1,958</b>

5-Year Trend - Crashes by Month

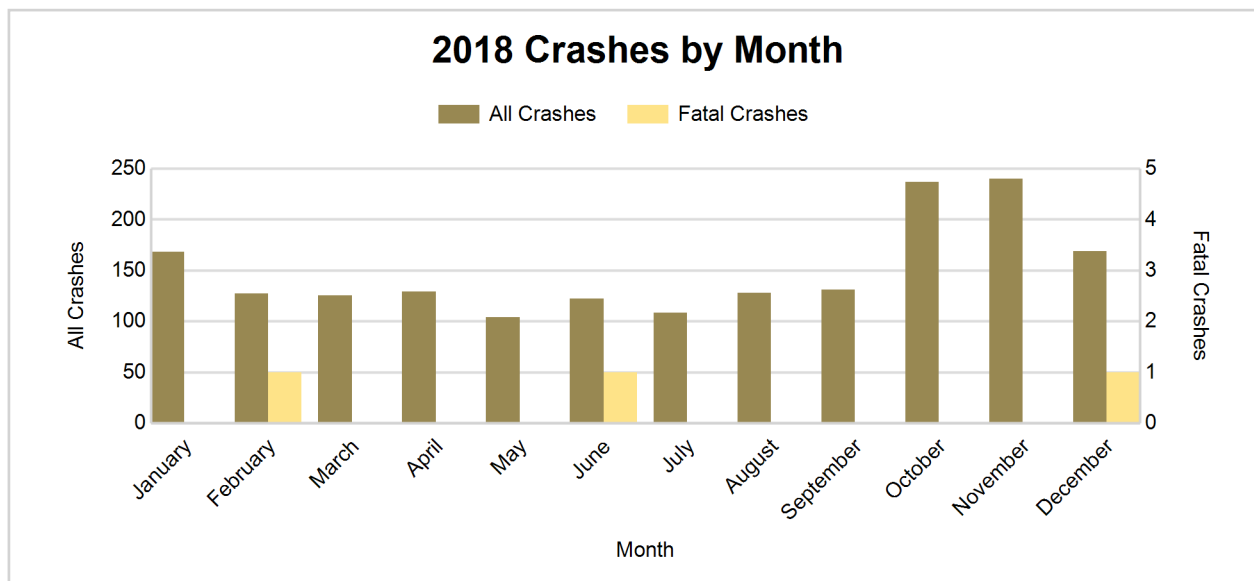
Month	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	199	0	153	0	208	0	167	0	168	0
February	157	0	135	1	150	0	139	0	127	1
March	146	0	104	0	142	0	159	1	125	0
April	118	0	103	0	127	0	96	1	129	0
May	109	3	119	0	146	0	141	0	104	0
June	116	0	125	0	140	0	135	0	122	1
July	103	1	128	0	127	0	113	0	108	0
August	107	0	105	1	113	0	109	0	128	0
September	119	0	144	0	151	1	162	0	131	0
October	224	0	207	1	220	1	232	1	237	0
November	323 †	0	238 †	1	233 †	0	248 †	0	240 †	0
December	155	1	133	0	197	0	241	1	169	1
<b>Total</b>	<b>1,876</b>	<b>5</b>	<b>1,694</b>	<b>4</b>	<b>1,954</b>	<b>2</b>	<b>1,942</b>	<b>4</b>	<b>1,788</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

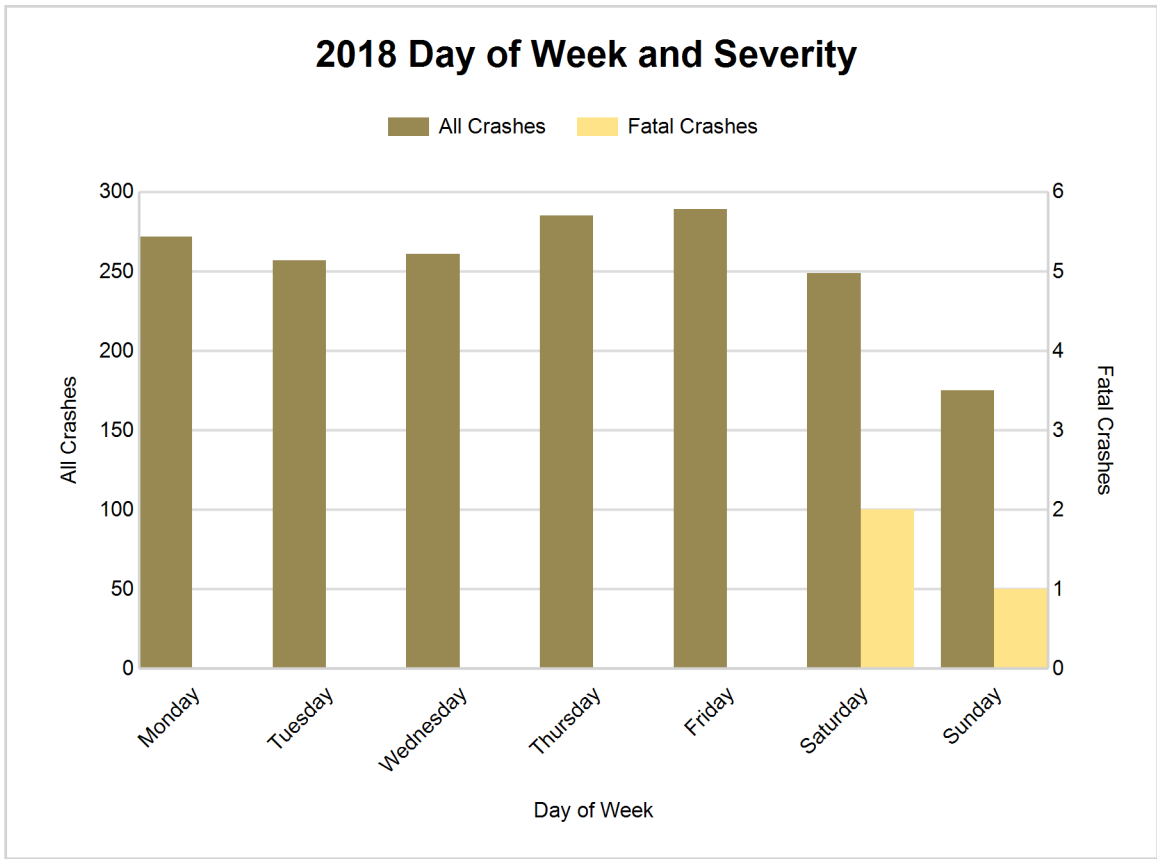
Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	257	0	246	1	281	1	295	1	272	0
Tuesday	298	1	269	0	307	0	279	0	257	0
Wednesday	289	2	233	0	321	1	285	0	261	0
Thursday	253	0	252	0	282	0	282	0	285	0
Friday	333	0	245	1	309	0	319	1	289	0
Saturday	230	1	230	0	254	0	253	1	249	2
Sunday	216	1	219	2	200	0	229	1	175	1
<b>Total</b>	<b>1,876</b>	<b>5</b>	<b>1,694</b>	<b>4</b>	<b>1,954</b>	<b>2</b>	<b>1,942</b>	<b>4</b>	<b>1,788</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 Day of Week

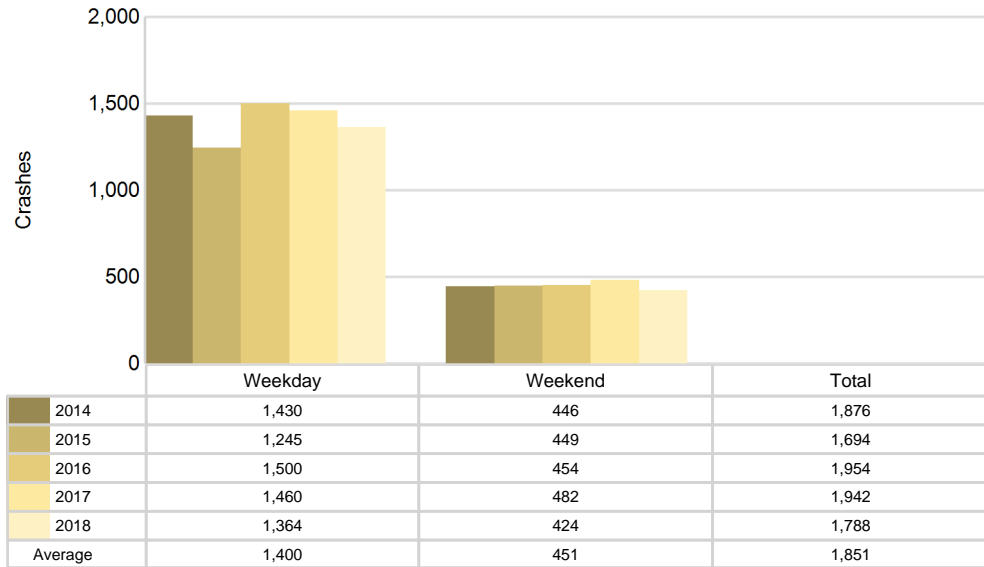
Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	272	15.2	0	0.0	2	17	22	231
Tuesday	257	14.4	0	0.0	3	10	18	226
Wednesday	261	14.6	0	0.0	2	7	15	237
Thursday	285	15.9	0	0.0	2	8	16	259
Friday	289	16.2	0	0.0	1	12	30	246
Saturday	249	13.9	2	66.7	8	8	14	217
Sunday	175	9.8	1	33.3	3	7	11	153
<b>Total</b>	<b>1,788</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>	<b>21</b>	<b>69</b>	<b>126</b>	<b>1,569</b>



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	1,430	3	1,245	2	1,500	2	1,460	2	1,364	0
Weekend	446	2	449	2	454	0	482	2	424	3
<b>Total</b>	<b>1,876</b>	<b>5</b>	<b>1,694</b>	<b>4</b>	<b>1,954</b>	<b>2</b>	<b>1,942</b>	<b>4</b>	<b>1,788</b>	<b>3</b>

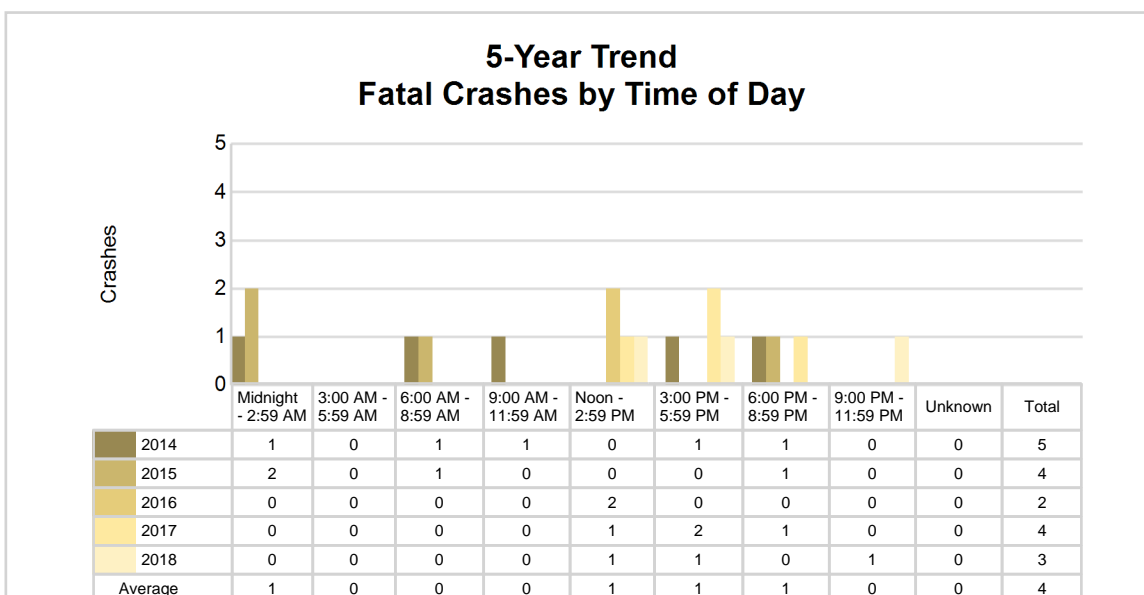
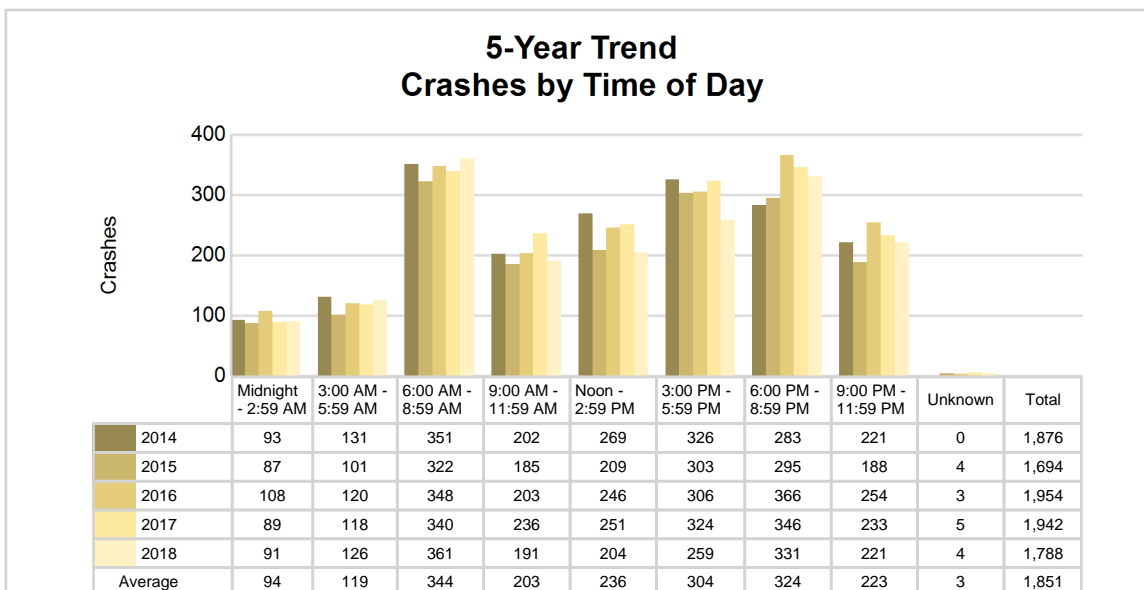
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



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

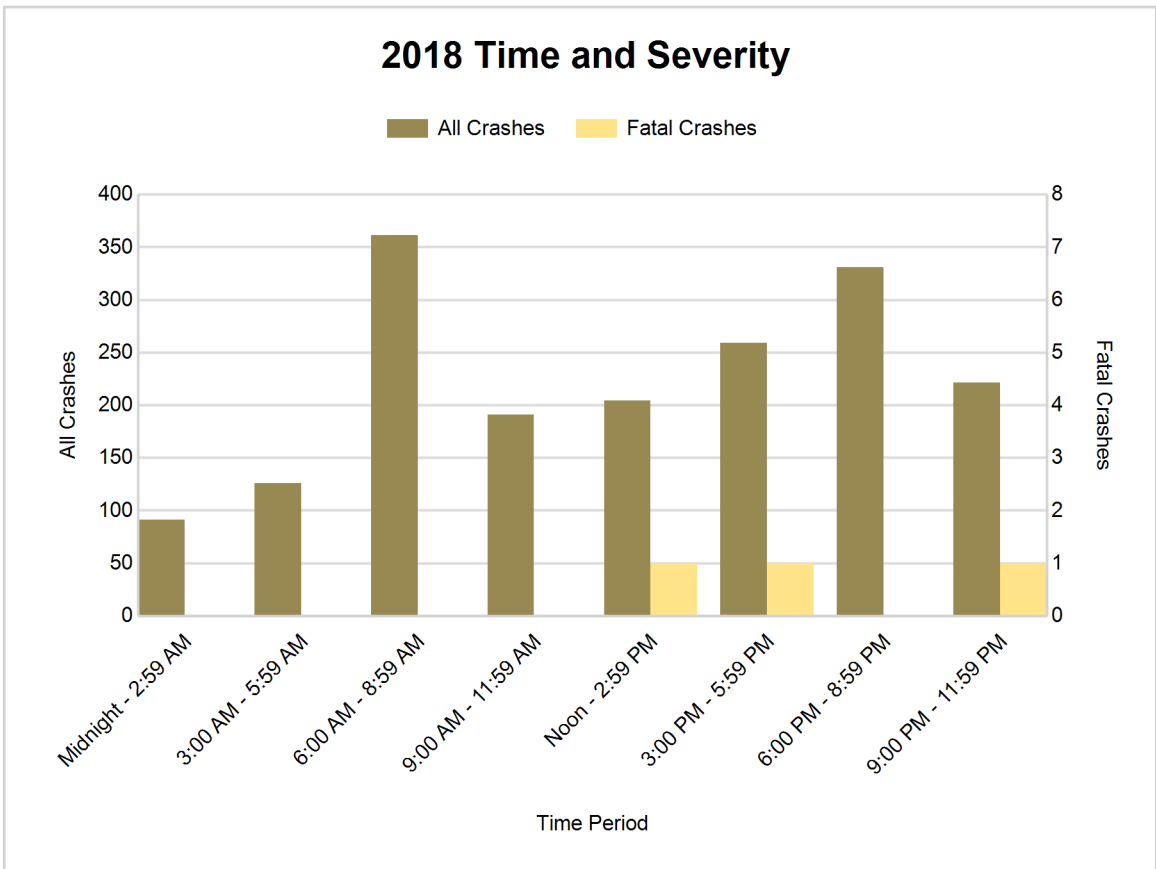
Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	93	1	87	2	108	0	89	0	91	0
3:00 AM - 5:59 AM	131	0	101	0	120	0	118	0	126	0
6:00 AM - 8:59 AM	351	1	322	1	348	0	340	0	361	0
9:00 AM - 11:59 AM	202	1	185	0	203	0	236	0	191	0
Noon - 2:59 PM	269	0	209	0	246	2	251	1	204	1
3:00 PM - 5:59 PM	326	1	303	0	306	0	324	2	259	1
6:00 PM - 8:59 PM	283	1	295	1	366	0	346	1	331	0
9:00 PM - 11:59 PM	221	0	188	0	254	0	233	0	221	1
Unknown	0	0	4	0	3	0	5	0	4	0
<b>Total</b>	<b>1,876</b>	<b>5</b>	<b>1,694</b>	<b>4</b>	<b>1,954</b>	<b>2</b>	<b>1,942</b>	<b>4</b>	<b>1,788</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	91	5.1	0	0.0	0	6	3	82
3:00 AM - 5:59 AM	126	7.0	0	0.0	3	3	7	113
6:00 AM - 8:59 AM	361	20.2	0	0.0	3	6	16	336
9:00 AM - 11:59 AM	191	10.7	0	0.0	4	7	21	159
Noon - 2:59 PM	204	11.4	1	33.3	1	17	23	162
3:00 PM - 5:59 PM	259	14.5	1	33.3	4	12	34	208
6:00 PM - 8:59 PM	331	18.5	0	0.0	2	8	18	303
9:00 PM - 11:59 PM	221	12.4	1	33.3	4	10	4	202
Unknown	4	0.2	0	0.0	0	0	0	4
<b>Total</b>	<b>1,788</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>	<b>21</b>	<b>69</b>	<b>126</b>	<b>1,569</b>

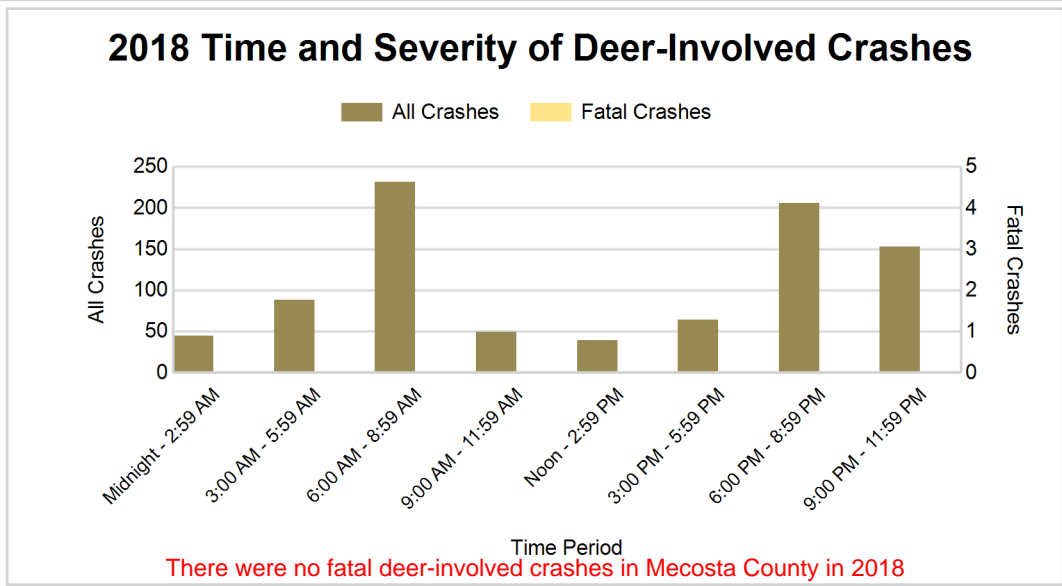
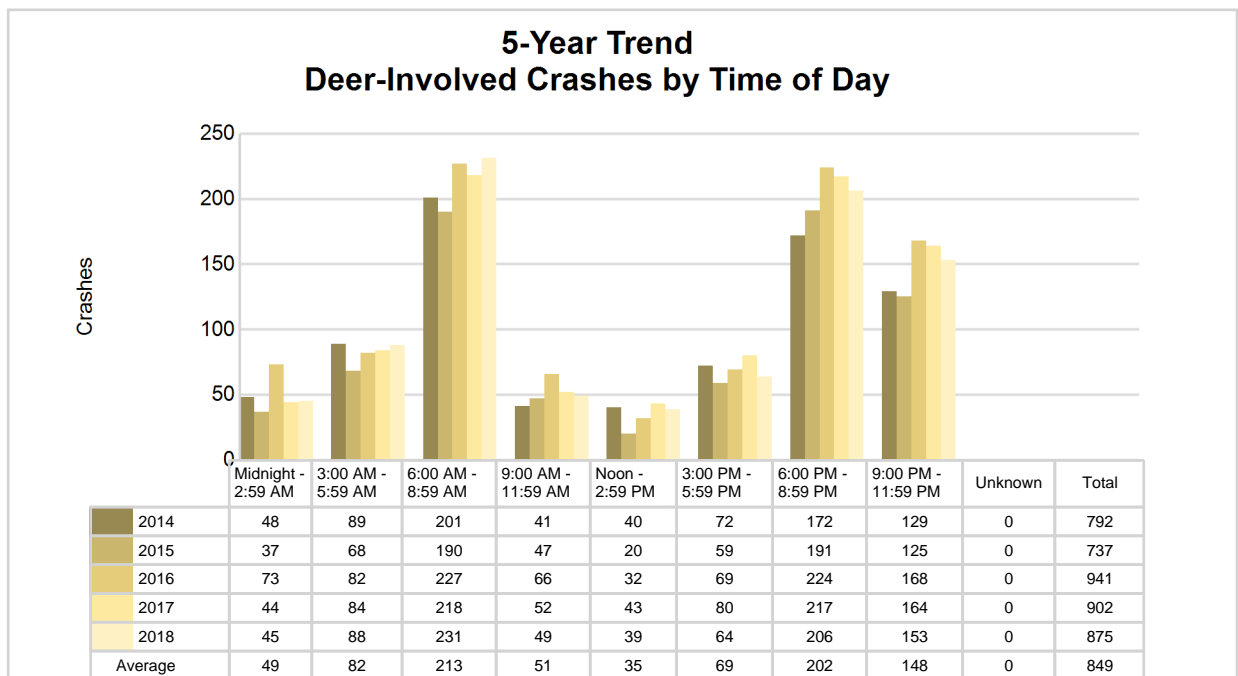




## 5-Year Trend - Deer-Involved Crashes by Time of Day

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	48	0	37	0	73	0	44	0	45	0
3:00 AM - 5:59 AM	89	0	68	0	82	0	84	0	88	0
6:00 AM - 8:59 AM	201	0	190	0	227	0	218	0	231	0
9:00 AM - 11:59 AM	41	0	47	0	66	0	52	0	49	0
Noon - 2:59 PM	40	0	20	0	32	0	43	0	39	0
3:00 PM - 5:59 PM	72	0	59	0	69	0	80	0	64	0
6:00 PM - 8:59 PM	172	0	191	0	224	0	217	0	206	0
9:00 PM - 11:59 PM	129	0	125	0	168	0	164	0	153	0
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>792</b>	<b>0</b>	<b>737</b>	<b>0</b>	<b>941</b>	<b>0</b>	<b>902</b>	<b>0</b>	<b>875</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

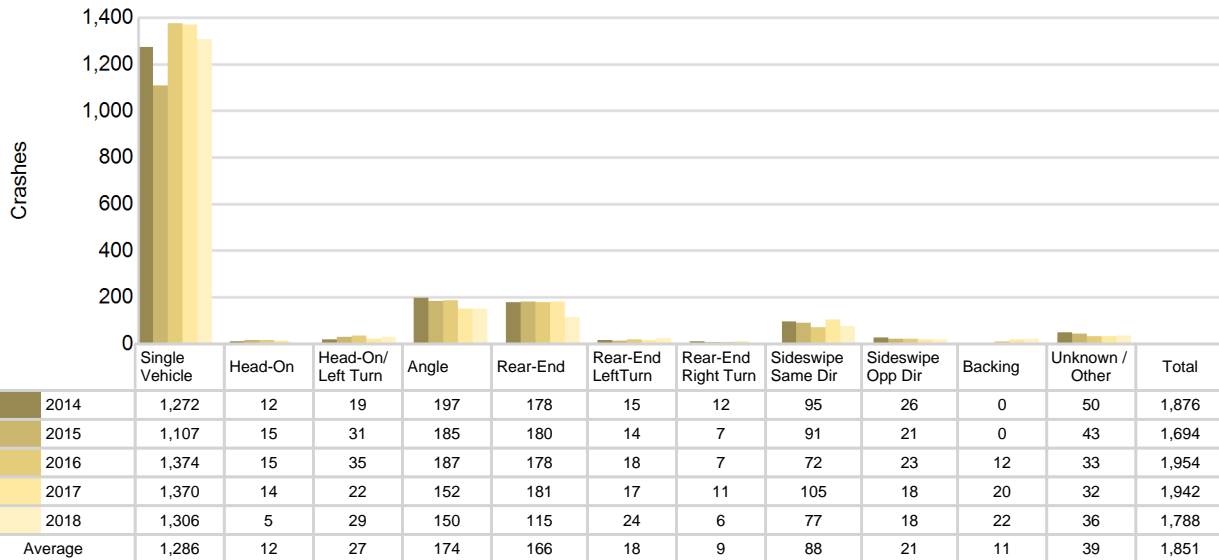


There were no fatal deer-involved crashes in Mecosta County in 2018

5-Year Trend - Crashes by Crash Type

Crash Type	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single motor vehicle	1,272	4	1,107	2	1,374	0	1,370	2	1,306	2
Head-on	12	0	15	1	15	1	14	0	5	0
Head-on / left turn	19	0	31	0	35	0	22	1	29	0
Angle	197	1	185	0	187	0	152	1	150	0
Rear-end	178	0	180	1	178	0	181	0	115	0
Rear-end left turn	15	0	14	0	18	0	17	0	24	1
Rear-end right turn	12	0	7	0	7	0	11	0	6	0
Sideswipe same direction	95	0	91	0	72	0	105	0	77	0
Sideswipe opposite direction	26	0	21	0	23	1	18	0	18	0
Backing	0	0	0	0	12	0	20	0	22	0
Other / Unknown	50	0	43	0	33	0	32	0	36	0
Uncoded and Errors	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,876</b>	<b>5</b>	<b>1,694</b>	<b>4</b>	<b>1,954</b>	<b>2</b>	<b>1,942</b>	<b>4</b>	<b>1,788</b>	<b>3</b>

5-Year Trend  
Crashes by Crash Type



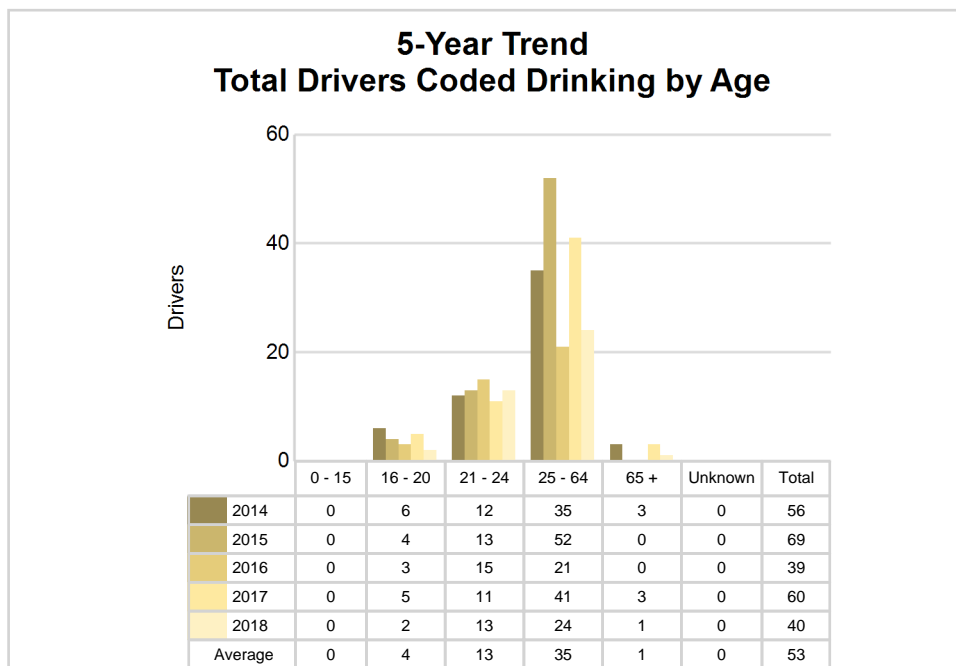
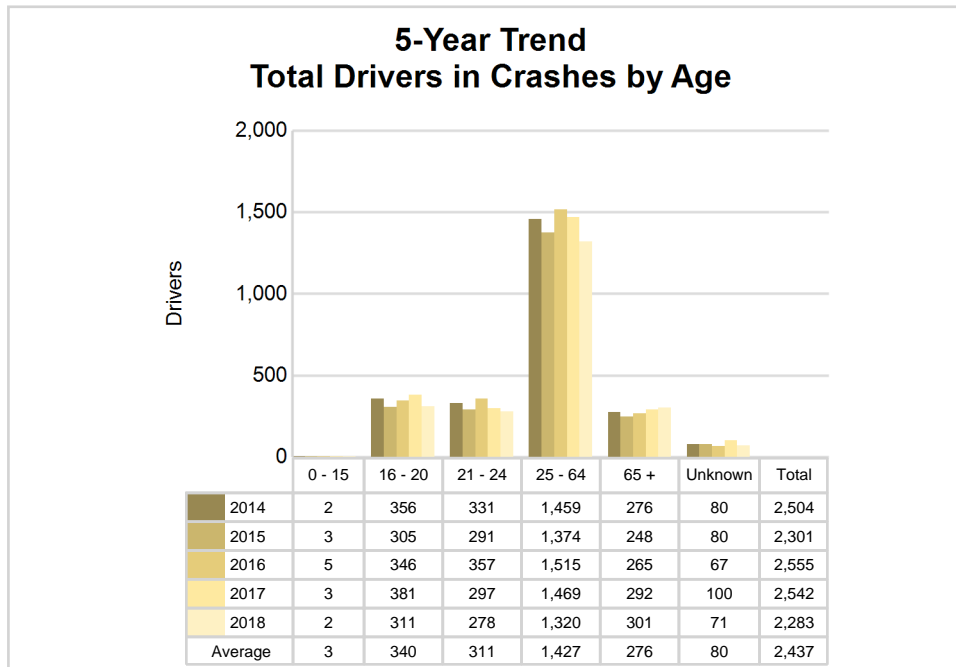
# Mecosta County (continued)

## 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
Aetna Twp.	82	0	10	72	0	44	9	29	1	2	37	0	11
Austin Twp.	68	0	7	61	0	0	1	67	3	1	36	0	12
Barryton	11	0	4	7	0	0	5	6	1	0	3	0	7
Big Rapids	308	0	54	254	0	25	197	86	5	0	14	0	63
Big Rapids Twp.	218	0	33	185	0	79	62	77	4	0	106	0	44
Chippewa Twp.	45	0	4	41	0	0	0	45	2	0	29	0	4
Colfax Twp.	116	0	11	105	0	0	34	82	3	1	79	0	15
Deerfield Twp.	67	0	6	61	0	0	30	37	1	1	38	0	7
Fork Twp.	41	0	1	40	0	0	14	27	0	0	30	0	1
Grant Twp.	26	0	3	23	0	0	0	26	0	0	19	0	9
Green Twp.	159	1	14	144	0	51	61	47	0	0	84	1	18
Hinton Twp.	59	0	5	54	0	0	0	59	2	0	43	0	5
Martiny Twp.	74	0	8	66	0	0	6	68	3	1	49	0	8
Mecosta	2	0	0	2	0	0	2	0	0	0	2	0	0
Mecosta Twp.	179	1	25	153	0	38	101	40	5	2	84	1	33
Millbrook Twp.	71	0	6	65	0	0	33	38	2	1	57	0	10
Morley	3	0	0	3	0	0	3	0	0	0	1	0	0
Morton Twp.	93	0	14	79	0	0	32	61	6	1	51	0	15
Sheridan Twp.	68	0	4	64	0	0	28	40	1	0	46	0	4
Stanwood	8	0	0	8	0	0	2	6	0	0	2	0	0
Wheatland Twp.	90	1	7	82	0	0	66	24	1	0	65	1	14
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,788</b>	<b>3</b>	<b>216</b>	<b>1,569</b>	<b>0</b>	<b>237</b>	<b>686</b>	<b>865</b>	<b>40</b>	<b>10</b>	<b>875</b>	<b>3</b>	<b>280</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	3	0	5	0	3	0	2	0
16 - 20	356	6	305	4	346	3	381	5	311	2
21 - 24	331	12	291	13	357	15	297	11	278	13
25 - 64	1,459	35	1,374	52	1,515	21	1,469	41	1,320	24
65 +	276	3	248	0	265	0	292	3	301	1
Unknown	80	0	80	0	67	0	100	0	71	0
<b>Total</b>	<b>2,504</b>	<b>56</b>	<b>2,301</b>	<b>69</b>	<b>2,555</b>	<b>39</b>	<b>2,542</b>	<b>60</b>	<b>2,283</b>	<b>40</b>



## 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	2	5	1	2	0	0	1	0	1
21 - 24	14	14	10	13	0	2	4	3	4
25 - 64	29	25	21	24	0	2	7	10	5
65 +	1	3	1	1	0	0	1	0	0
Unknown	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>46</b>	<b>47</b>	<b>33</b>	<b>40</b>	<b>0</b>	<b>4</b>	<b>13</b>	<b>13</b>	<b>10</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

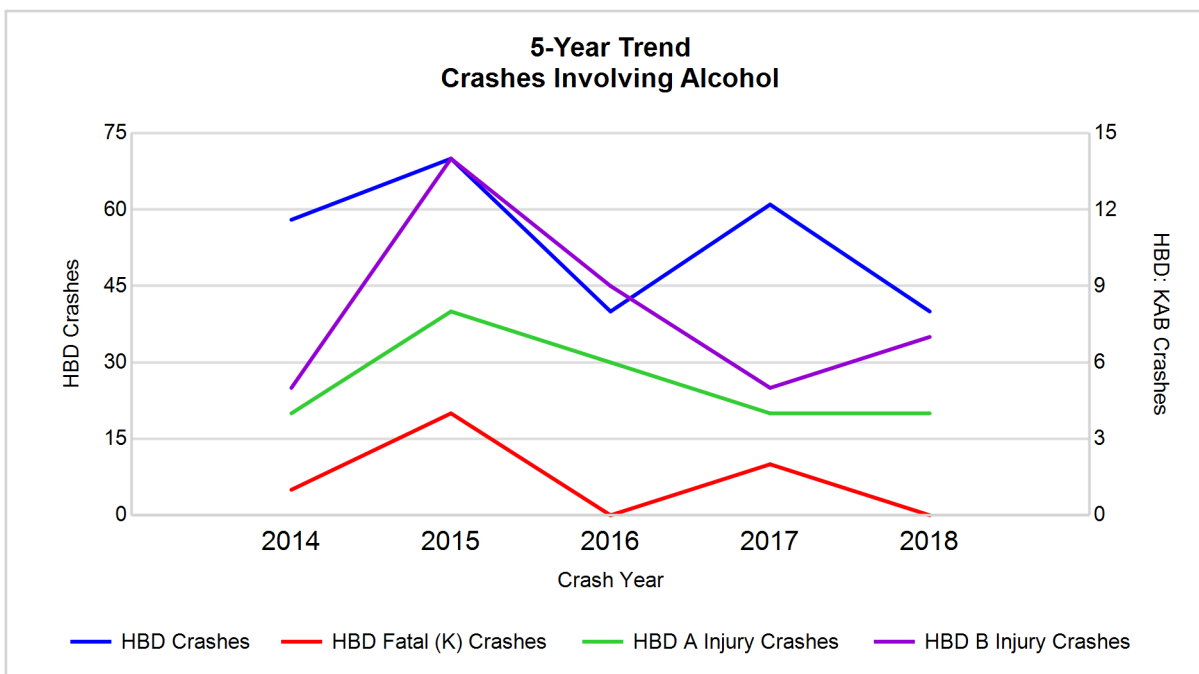
In 2018, there were 46 drivers in alcohol-involved crashes; 40 (87.0%) of those drivers were coded as had-been-drinking by the officer on the crash form.

- 26 (65.0%) of the 40 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 13 (50.0%) of the 26 drivers had a BAC at or above 0.17 g/dL.
- 33 (82.5%) of the 40 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	1,876	58	3.1	5	1	20.0	27	4	14.8	56	5	8.9
2015	1,694	70	4.1	4	4	100.0	20	8	40.0	68	14	20.6
2016	1,954	40	2.0	2	0	0.0	23	6	26.1	65	9	13.8
2017	1,942	61	3.1	4	2	50.0	23	4	17.4	55	5	9.1
2018	1,788	40	2.2	3	0	0.0	21	4	19.0	69**	7	10.1

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

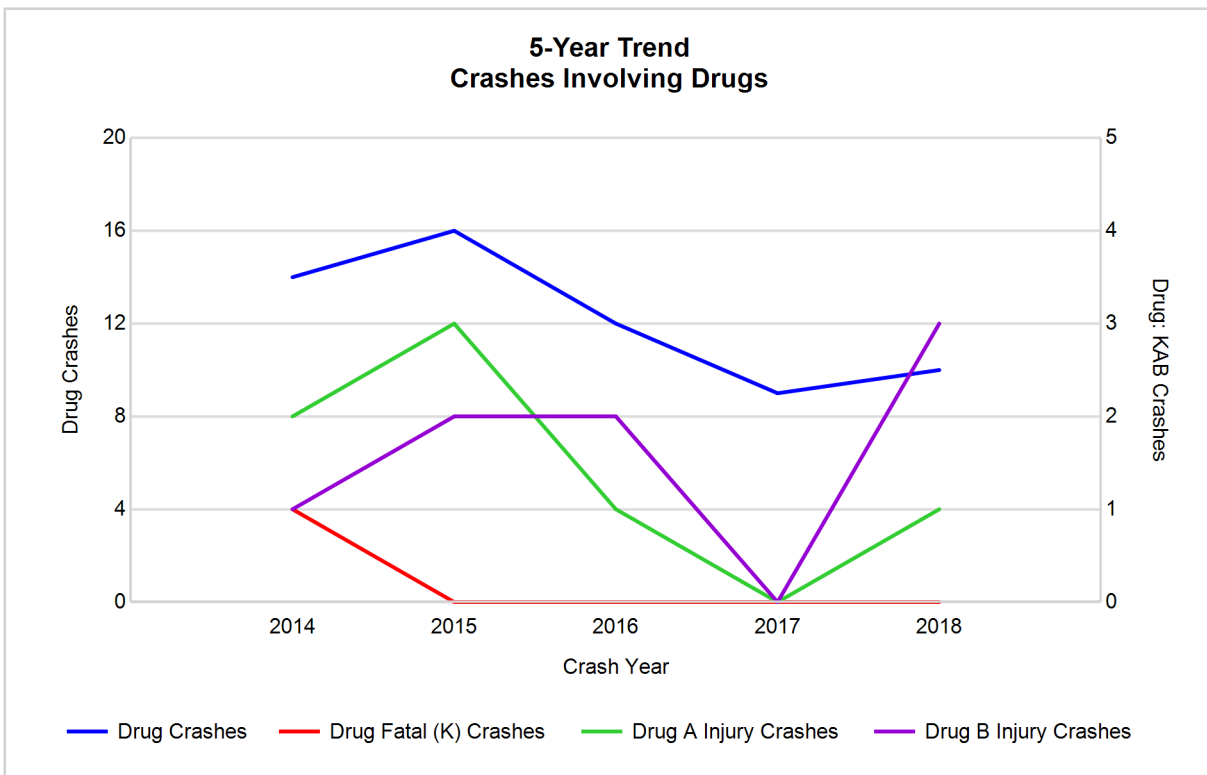


Note: Had-Been-Drinking (HBD)

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	1,876	14	0.7	5	1	20.0	27	2	7.4	56	1	1.8
2015	1,694	16	0.9	4	0	0.0	20	3	15.0	68	2	2.9
2016	1,954	12	0.6	2	0	0.0	23	1	4.3	65	2	3.1
2017	1,942	9	0.5	4	0	0.0	23	0	0.0	55	0	0.0
2018	1,788	10	0.6	3	0	0.0	21	1	4.8	69**	3**	4.3**

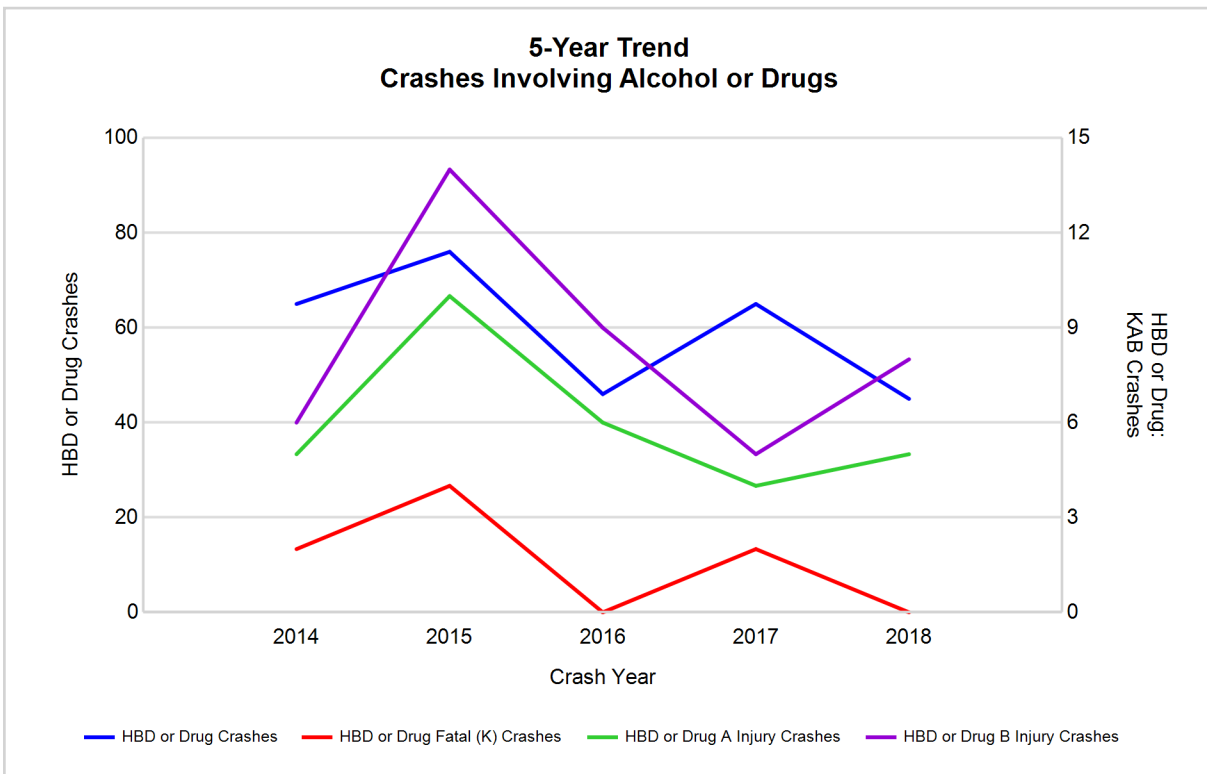
Note: \* Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column  
 \*\* Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column



## 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	1,876	65	3.5	5	2	40.0	27	5	18.5	56	6	10.7
2015	1,694	76	4.5	4	4	100.0	20	10	50.0	68	14	20.6
2016	1,954	46	2.4	2	0	0.0	23	6	26.1	65	9	13.8
2017	1,942	65	3.3	4	2	50.0	23	4	17.4	55	5	9.1
2018	1,788	45*	2.5	3	0	0.0	21	5	23.8	69**	8	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)

## 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	1,787	1,727	96.6	2	2	100.0	17	13	76.5	57	55	96.5	131	129	98.5	1,542	1,528	99.1
Motor home	5	4	80.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	4	4	100.0
Pickup truck	457	434	95.0	0	0	0.0	4	1	25.0	15	13	86.7	31	31	100.0	395	389	98.5
Small truck under 10,000 lbs. GVWR	14	14	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	14	14	100.0
Motorcycle	14	8	57.1	0	0	0.0	1	1	100.0	7	6	85.7	1	0	0.0	4	1	25.0
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	1	0	0.0	0	0	0.0	0	0	0.0	1	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	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Other	9	5	55.6	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	8	5	62.5
Truck/bus over 10,000 lbs.	41	37	90.2	0	0	0.0	1	0	0.0	0	0	0.0	5	3	60.0	35	34	97.1
Unknown	18	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>2,346</b>	<b>2,229</b>	<b>95.0</b>	<b>2</b>	<b>2</b>	<b>0.0</b>	<b>23</b>	<b>15</b>	<b>65.2</b>	<b>80</b>	<b>74</b>	<b>92.5</b>	<b>168</b>	<b>163</b>	<b>97.0</b>	<b>2,002</b>	<b>1,975</b>	<b>98.7</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	19	16	84.2	0	0	0.0	3	1	33.3	4	4	100.0	10	9	90.0	2	2	100.0
16 - 20	319	314	98.4	1	1	100.0	4	2	50.0	10	9	90.0	28	28	100.0	276	274	99.3
21 - 24	289	277	95.8	1	1	100.0	7	3	42.9	17	14	82.4	19	19	100.0	245	240	98.0
25 - 64	1,341	1,317	98.2	0	0	0.0	8	8	100.0	39	37	94.9	98	94	95.9	1,196	1,178	98.5
65 +	307	305	99.3	0	0	0.0	1	1	100.0	10	10	100.0	13	13	100.0	283	281	99.3
Unknown	71	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>2,346</b>	<b>2,229</b>	<b>95.0</b>	<b>2</b>	<b>2</b>	<b>0.0</b>	<b>23</b>	<b>15</b>	<b>65.2</b>	<b>80</b>	<b>74</b>	<b>92.5</b>	<b>168</b>	<b>163</b>	<b>97.0</b>	<b>2,002</b>	<b>1,975</b>	<b>98.7</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	13	0	0	11	0	1	5	0	0	5	0	0	5	0	1
Shoulder belt only used	3	0	0	10	0	0	7	0	0	17	0	1	6	0	0
Lap belt only used	8	0	1	26	0	3	32	0	1	16	0	0	14	0	5
Both lap & shoulder belts used	2,337	0	161	2,112	1	152	2,390	2	175	2,347	1	147	2,150	2	190
No belts used	29	2	8	29	1	8	19	0	9	20	0	6	16	0	4
Child restraint used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child restraint not used, unavailable or improper use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
Restraint use unknown	17	1	1	16	0	1	62	0	3	123	0	3	80	0	1
Helmet worn	14	0	10	14	0	9	13	0	11	11	1	6	7	0	6
Helmet not worn	8	0	5	6	0	4	3	0	2	3	1	1	4	0	1
Helmet use unknown	1	0	1	2	0	2	2	0	1	0	0	0	0	0	0
Uncoded & errors	74	0	0	74	0	0	22	0	0	0	0	0	0	0	0
<b>Total</b>	<b>2,504</b>	<b>3</b>	<b>187</b>	<b>2,301</b>	<b>2</b>	<b>180</b>	<b>2,555</b>	<b>2</b>	<b>202</b>	<b>2,542</b>	<b>3</b>	<b>164</b>	<b>2,283</b>	<b>2</b>	<b>208</b>

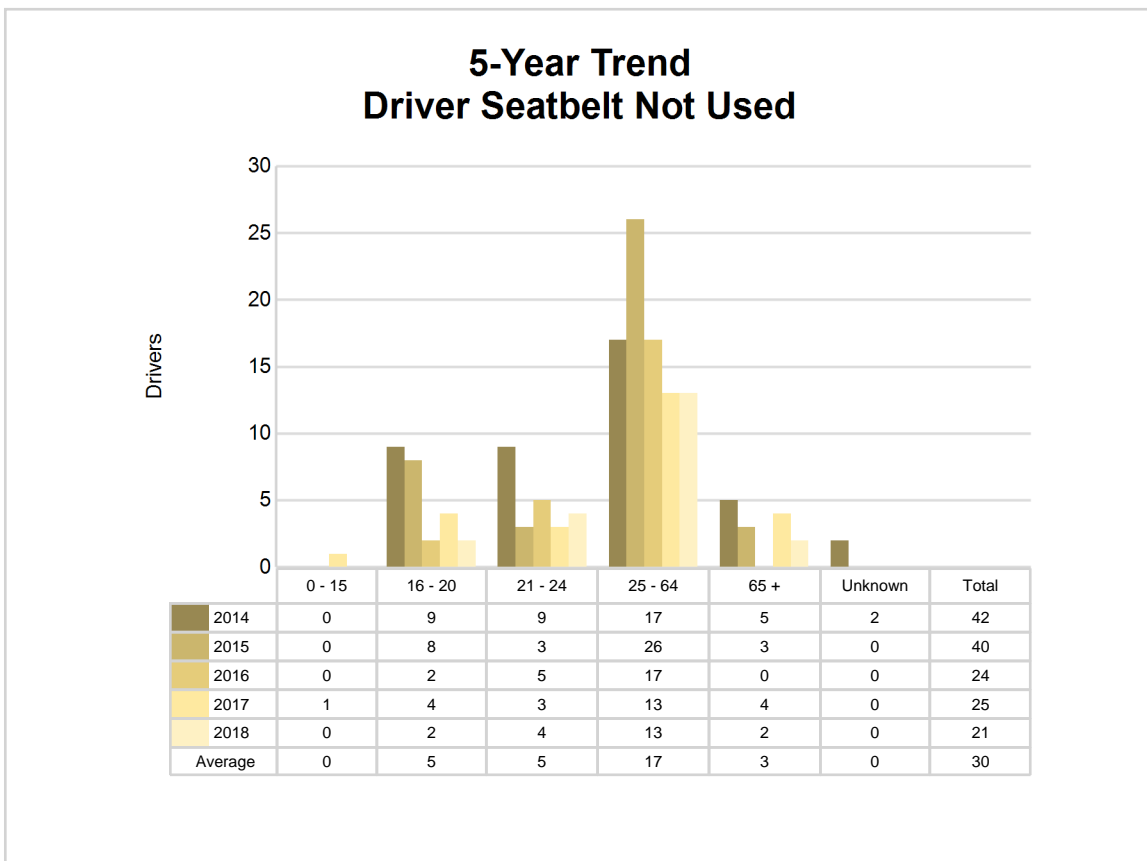
## 5-Year Trend - Restraint Use Among Drivers Coded Drinking

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	2	0	1	0	0	0	0	0	0	0	0	0
Shoulder belt only used	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0
Lap belt only used	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Both lap & shoulder belts used	39	0	5	50	0	16	25	0	8	44	0	10	35	0	14
No belts used	9	1	2	6	1	4	7	0	6	5	0	2	0	0	0
Child restraint used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child restraint not used, unavailable or improper use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Restraint use unknown	4	0	0	6	0	1	6	0	1	8	0	0	3	0	1
Helmet worn	0	0	0	1	0	1	0	0	0	1	1	0	0	0	0
Helmet not worn	3	0	3	3	0	3	0	0	0	1	1	0	1	0	1
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>56</b>	<b>1</b>	<b>10</b>	<b>69</b>	<b>1</b>	<b>26</b>	<b>39</b>	<b>0</b>	<b>15</b>	<b>60</b>	<b>2</b>	<b>12</b>	<b>40</b>	<b>0</b>	<b>16</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	1	0	1	0	0	0
16 - 20	9	1	2	8	0	2	2	0	1	4	0	0	2	0	2
21 - 24	9	0	4	3	0	0	5	0	2	3	0	1	4	0	1
25 - 64	17	1	2	26	1	7	17	0	6	13	0	4	13	0	2
65 +	5	0	0	3	0	0	0	0	0	4	0	0	2	0	0
Unknown	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>42</b>	<b>2</b>	<b>8</b>	<b>40</b>	<b>1</b>	<b>9</b>	<b>24</b>	<b>0</b>	<b>9</b>	<b>25</b>	<b>0</b>	<b>6</b>	<b>21</b>	<b>0</b>	<b>5</b>

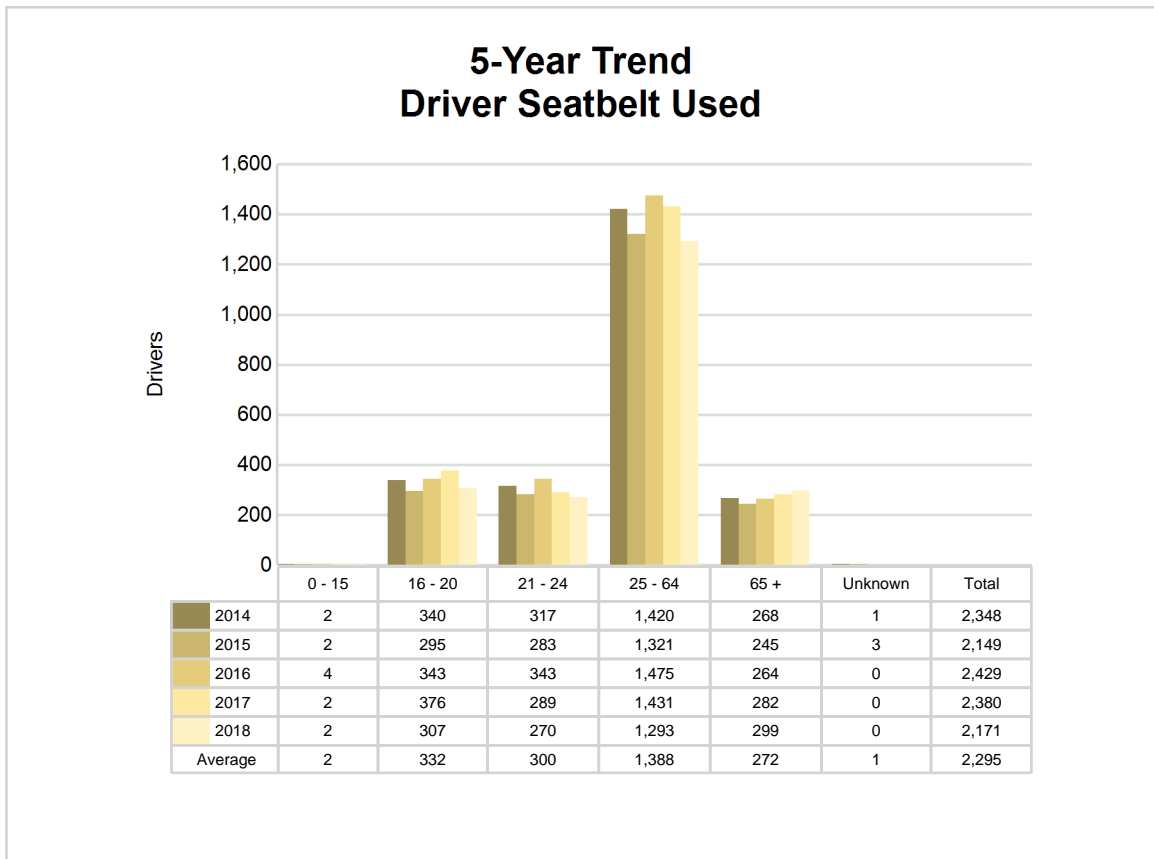
Note: Seatbelt Not Used includes no belts available or no belts used.



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

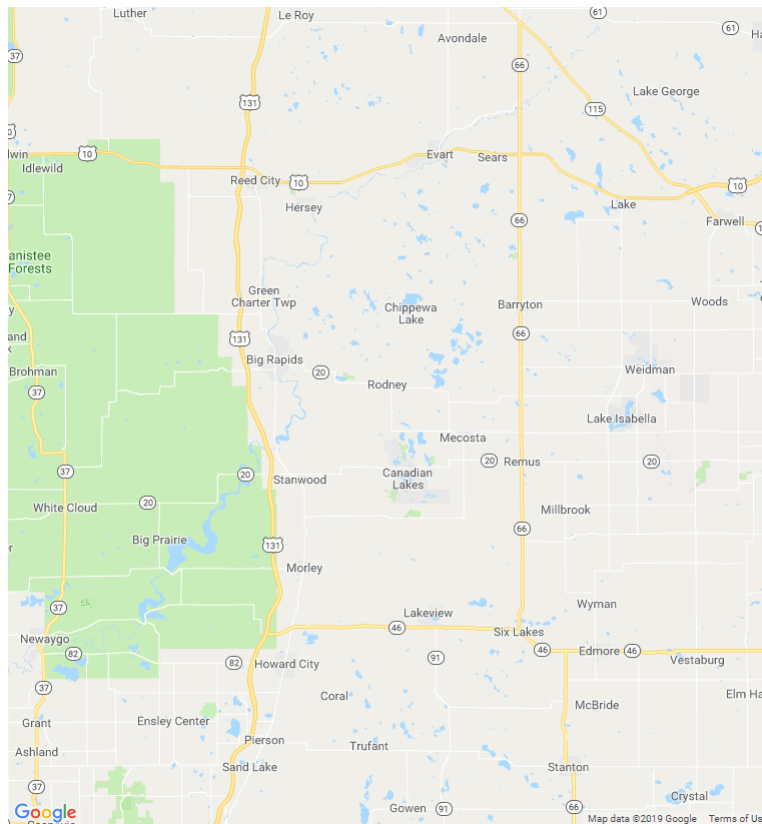
Age Group	2014			2015			2016			2017			2018		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	2	0	0	2	0	0	4	0	0	2	0	1	2	0	0
16 - 20	340	0	36	295	0	29	343	0	22	376	0	27	307	1	32
21 - 24	317	0	16	283	1	22	343	0	29	289	0	17	270	1	29
25 - 64	1,420	0	88	1,321	0	86	1,475	1	109	1,431	0	86	1,293	0	116
65 +	268	0	22	245	0	18	264	1	16	282	1	17	299	0	18
Unknown	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>2,348</b>	<b>0</b>	<b>162</b>	<b>2,149</b>	<b>1</b>	<b>155</b>	<b>2,429</b>	<b>2</b>	<b>176</b>	<b>2,380</b>	<b>1</b>	<b>148</b>	<b>2,171</b>	<b>2</b>	<b>195</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 - 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	1,521	1	1,416	2	1,636	2	1,609	2	1,459	1
Speed too fast	355	2	229	1	273	0	300	0	268	1
Speed too slow	5	0	6	0	0	0	0	0	0	0
Failed to yield	192	1	192	0	193	0	167	1	162	0
Disregard traffic control	14	0	18	0	21	1	18	0	18	0
Drove wrong way	2	0	0	0	1	0	0	0	0	0
Drove left of center	6	0	17	1	12	0	9	0	6	0
Improper passing	15	0	11	0	7	0	6	0	13	0
Improper lane use	37	0	43	0	30	0	46	0	36	0
Improper turn	17	0	13	0	19	0	17	0	19	0
Improper/no signal	6	0	3	0	0	0	4	0	2	0
Improper backing	26	0	32	0	28	0	24	0	24	0
Unable to stop in assured clear distance	172	0	173	1	179	0	160	0	118	0
Other	44	0	45	0	43	0	44	0	41	0
Unknown	23	0	19	0	31	0	45	1	47	1
Reckless driving	11	1	27	0	15	0	20	1	11	0
Careless/negligent driving	58	1	57	1	67	1	73	1	59	1
Uncoded & errors	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>2,504</b>	<b>6</b>	<b>2,301</b>	<b>6</b>	<b>2,555</b>	<b>4</b>	<b>2,542</b>	<b>6</b>	<b>2,283</b>	<b>4</b>



In 2018, there were no alcohol-involved fatal crashes in Mecosta County.

In 2018, there were 40 alcohol-involved crashes in Mecosta County:

- 0 K - Fatal Crashes
- 4 A - Suspected Serious Injury Crashes
- 7 B - Suspected Minor Injury Crashes
- 7 C - Possible Injury Crashes
- 22 O - Property Damage Only/No Injury Crashes

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