



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)



## Delta County

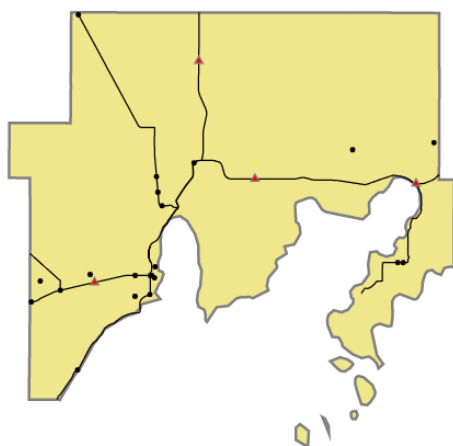
### 2018 Traffic Crash Data & 2014-2018 5-Year Trends



### 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 (4/4)
- A - Suspected Serious (21/21)

### Delta County

In 2018:

There were 1,759 drivers involved in 1,237 motor vehicle crashes in Delta County. Of those crashes, 4 were classified as fatal, resulting in 4 fatalities. An additional 216 persons were injured.

Delta County experienced the highest number of motor vehicle crashes (146) in December, the highest number of fatal crashes (1) and the highest number of persons killed (1) in May, June, September, and December.

Michigan driver statistics indicate 6.1 percent of licensed drivers in Delta County were age 16-20, and 10.4 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	121	0	9	112	0	11
February	68	0	12	56	0	17
March	79	0	9	70	0	10
April	84	0	11	73	0	15
May	81	1	11	69	1	13
June	121	1	16	104	1	21
July	93	0	9	84	0	10
August	81	0	21	60	0	38
September	94	1	11	82	1	18
October	127	0	11	116	0	18
November	142	0	15	127	0	18
December	146	1	20	125	1	27
<b>Total</b>	<b>1,237</b>	<b>4</b>	<b>155</b>	<b>1,078</b>	<b>4</b>	<b>216</b>

### 2018 - Driver Statistics

Age Group	Delta County			Driver Rates	
	2018 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	6,155	221	2	3.2	90.5
16 - 20	1,992	1,730	183	918.7	1,057.8
21 - 24	1,364	1,357	118	865.1	869.6
25 - 64	17,681	16,949	1,056	597.3	623.0
65 +	8,665	7,976	312	360.1	391.2
Unknown	0	0	88	--	--
<b>Total</b>	<b>35,857</b>	<b>28,233</b>	<b>1,759</b>	<b>490.6</b>	<b>623.0</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	1,295	73.6	4	57.1	189	1,102
Motor home	10	0.6	0	0.0	0	10
Pickup truck	342	19.4	0	0.0	39	303
Small truck under 10,000 lbs. GVWR	8	0.5	0	0.0	1	7
Motorcycle	12	0.7	2	28.6	7	3
Moped / goped	0	0.0	0	0.0	0	0
Go-cart / golf cart	1	0.1	0	0.0	0	1
Snowmobile	2	0.1	0	0.0	2	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	4	0.2	0	0.0	4	0
Other	5	0.3	0	0.0	1	4
Truck/bus over 10,000 lbs.	59	3.4	1	14.3	17	41
Unknown	21	1.2	0	0.0	2	19
<b>Total</b>	<b>1,759</b>	<b>100.0</b>	<b>7</b>	<b>100.0</b>	<b>262</b>	<b>1,490</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	168	0	123	1	112	0	107	0	121	0
February	103	0	104	0	69	0	110	1	68	0
March	96	0	67	0	63	1	114	1	79	0
April	84	0	73	0	69	0	60	1	84	0
May	92	0	79	0	84	0	65	0	81	1
June	127	1	115	1	102	0	94	0	121	1
July	103	1	91	1	63	0	100	1	93	0
August	78	0	78	0	96	1	91	0	81	0
September	89	0	108	0	103	0	124	1	94	1
October	128	0	99	0	114	0	140	1	127	0
November	175	0	119	0	132	0	159	1	142	0
December	125	0	92	0	146	0	170	1	146	1
<b>Total</b>	<b>1,368</b>	<b>2</b>	<b>1,148</b>	<b>3</b>	<b>1,153</b>	<b>2</b>	<b>1,334</b>	<b>8</b>	<b>1,237</b>	<b>4</b>

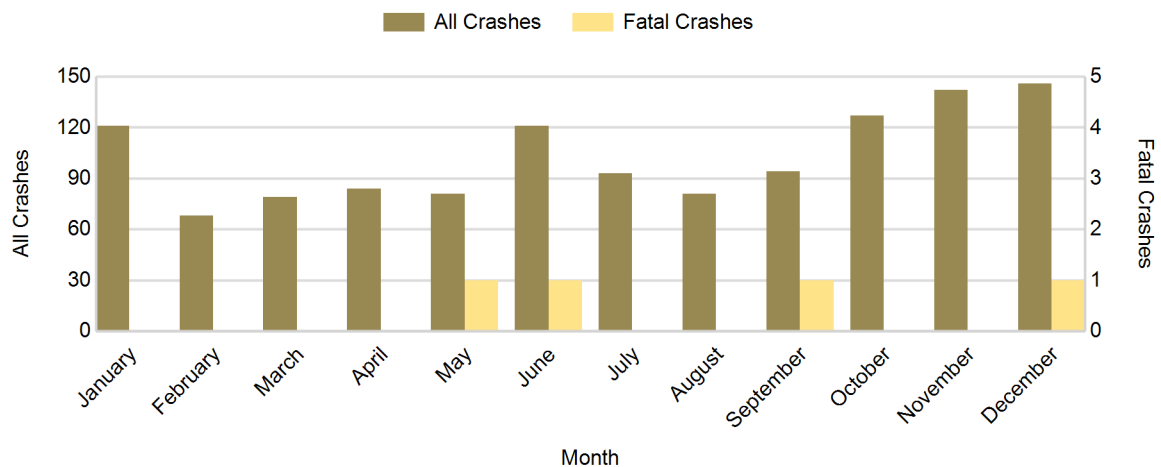
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

## 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	194	1	176	0	174	1	175	1	193	0
Tuesday	192	0	158	0	161	0	210	1	161	0
Wednesday	194	0	165	1	160	1	195	1	185	0
Thursday	205	0	165	0	193	0	187	1	187	0
Friday	244	0	193	1	176	0	249	2	220	0
Saturday	176	0	139	0	164	0	160	1	149	2
Sunday	163	1	152	1	125	0	158	1	142	2
<b>Total</b>	<b>1,368</b>	<b>2</b>	<b>1,148</b>	<b>3</b>	<b>1,153</b>	<b>2</b>	<b>1,334</b>	<b>8</b>	<b>1,237</b>	<b>4</b>

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

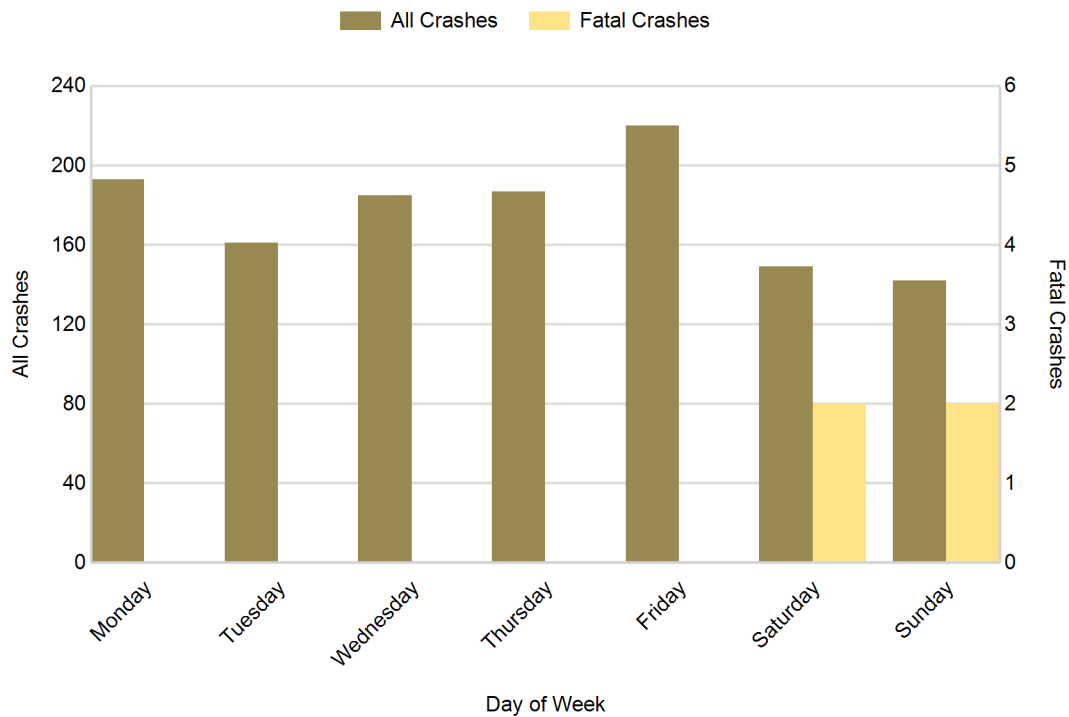
## 2018 Crashes by Month



## 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	193	15.6	0	0.0	0	6	18	169
Tuesday	161	13.0	0	0.0	0	3	15	143
Wednesday	185	15.0	0	0.0	3	11	16	155
Thursday	187	15.1	0	0.0	3	4	10	170
Friday	220	17.8	0	0.0	7	11	13	189
Saturday	149	12.0	2	50.0	3	3	14	127
Sunday	142	11.5	2	50.0	5	5	5	125
<b>Total</b>	<b>1,237</b>	<b>100.0</b>	<b>4</b>	<b>100.0</b>	<b>21</b>	<b>43</b>	<b>91</b>	<b>1,078</b>

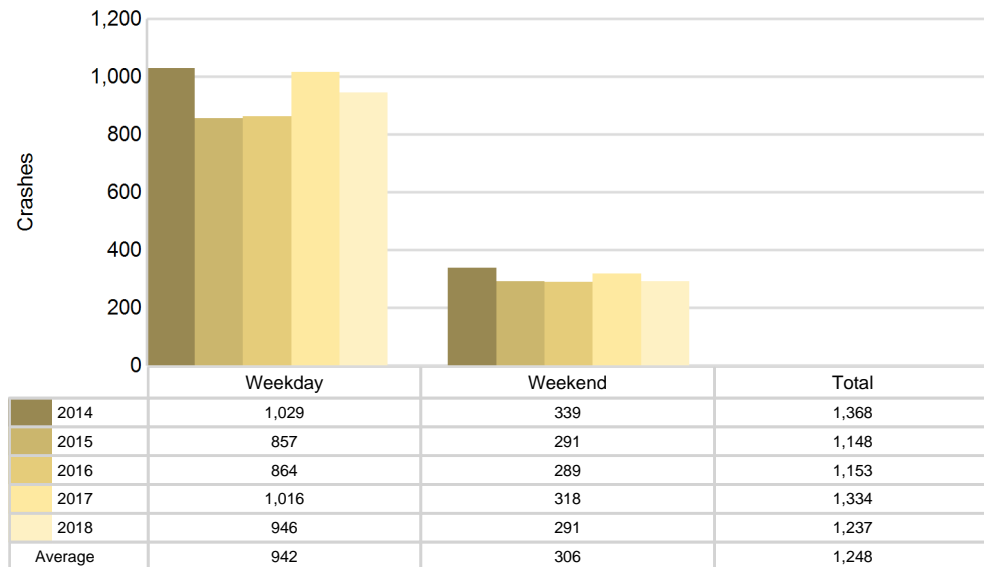
## 2018 Day of Week and Severity



## 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	1,029	1	857	2	864	2	1,016	6	946	0
Weekend	339	1	291	1	289	0	318	2	291	4
<b>Total</b>	<b>1,368</b>	<b>2</b>	<b>1,148</b>	<b>3</b>	<b>1,153</b>	<b>2</b>	<b>1,334</b>	<b>8</b>	<b>1,237</b>	<b>4</b>

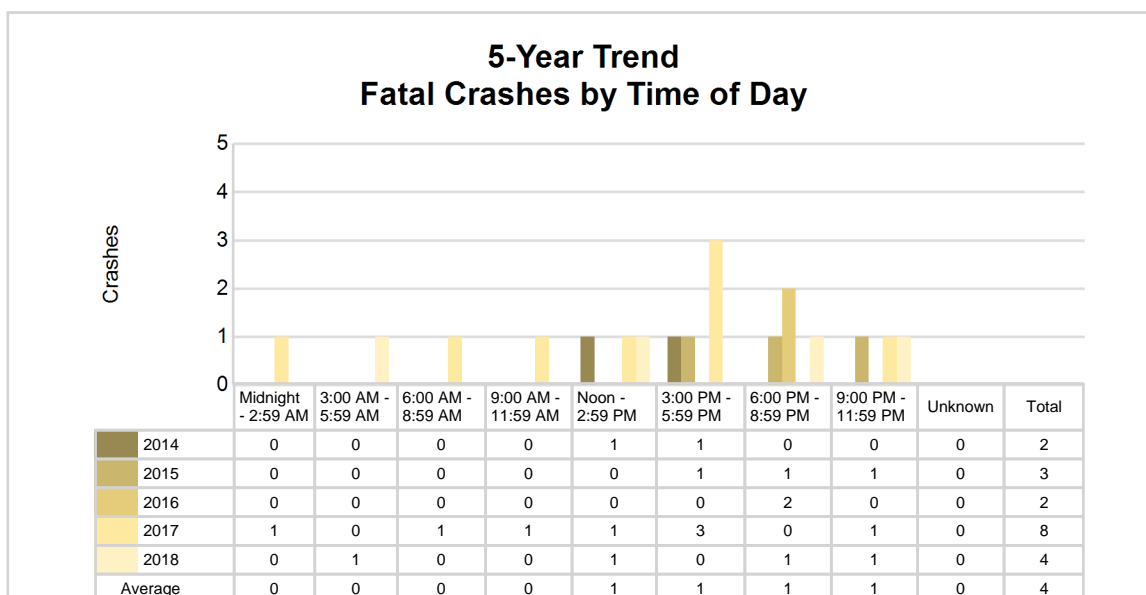
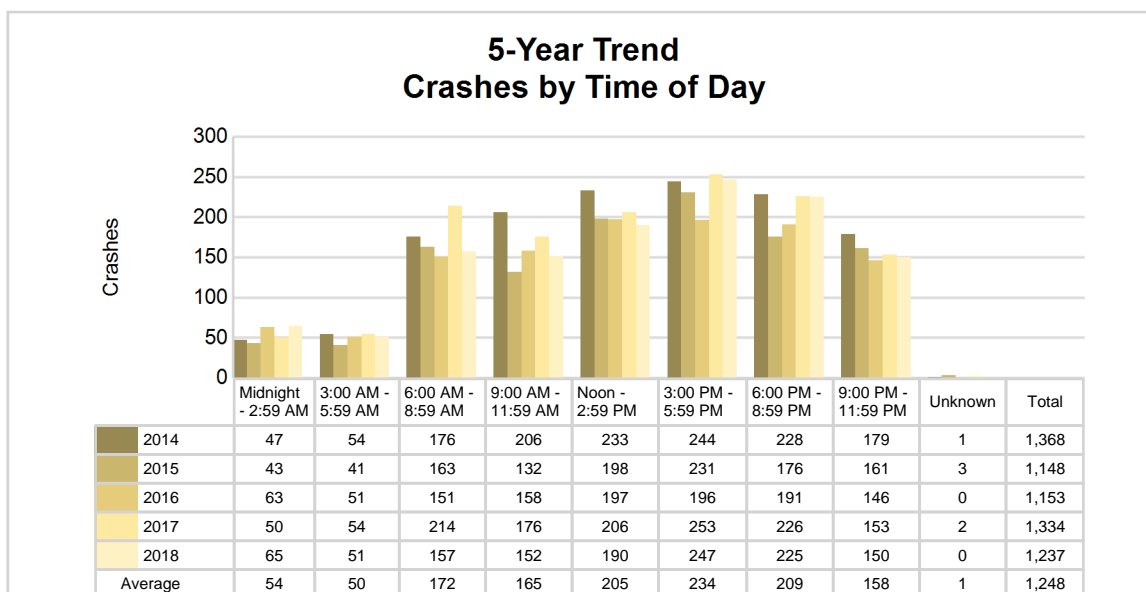
### 5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



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

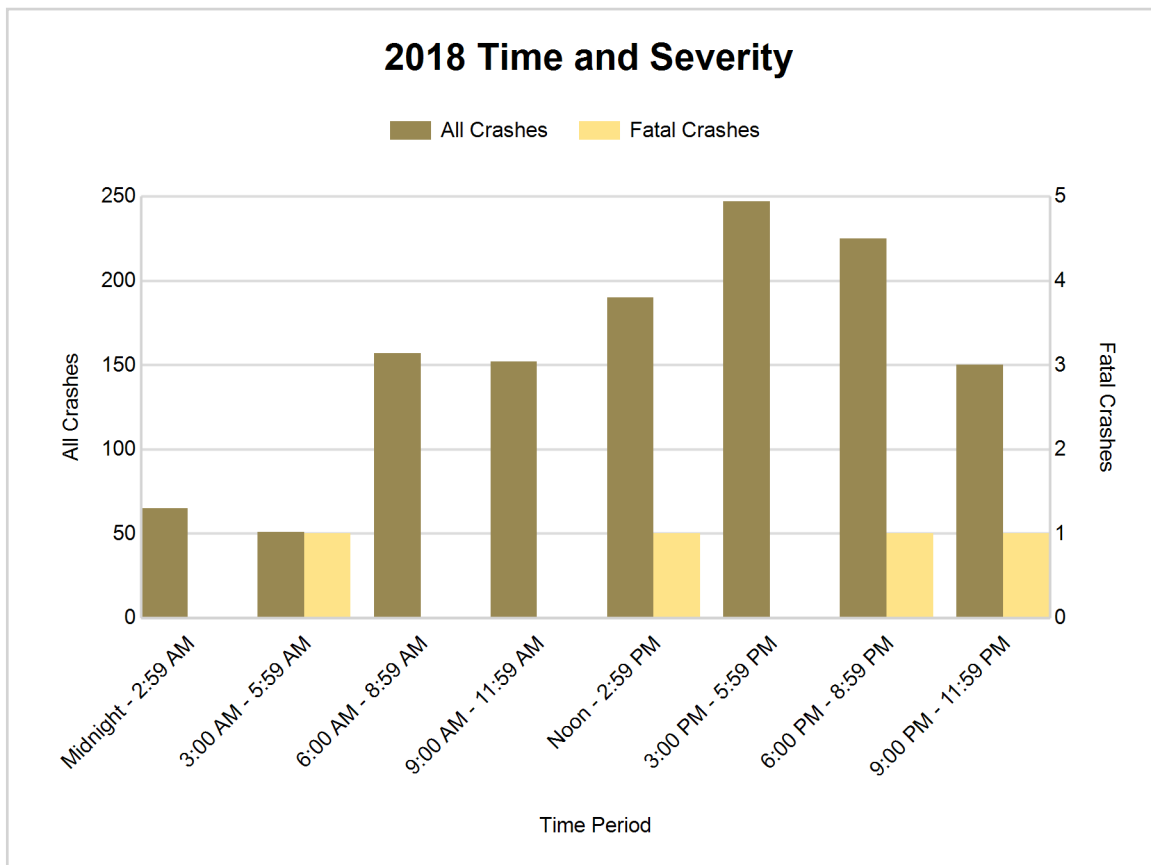
Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	47	0	43	0	63	0	50	1	65	0
3:00 AM - 5:59 AM	54	0	41	0	51	0	54	0	51	1
6:00 AM - 8:59 AM	176	0	163	0	151	0	214	1	157	0
9:00 AM - 11:59 AM	206	0	132	0	158	0	176	1	152	0
Noon - 2:59 PM	233	1	198	0	197	0	206	1	190	1
3:00 PM - 5:59 PM	244	1	231	1	196	0	253	3	247	0
6:00 PM - 8:59 PM	228	0	176	1	191	2	226	0	225	1
9:00 PM - 11:59 PM	179	0	161	1	146	0	153	1	150	1
Unknown	1	0	3	0	0	0	2	0	0	0
<b>Total</b>	<b>1,368</b>	<b>2</b>	<b>1,148</b>	<b>3</b>	<b>1,153</b>	<b>2</b>	<b>1,334</b>	<b>8</b>	<b>1,237</b>	<b>4</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	65	5.3	0	0.0	1	2	2	60
3:00 AM - 5:59 AM	51	4.1	1	25.0	0	1	2	47
6:00 AM - 8:59 AM	157	12.7	0	0.0	0	6	12	139
9:00 AM - 11:59 AM	152	12.3	0	0.0	4	6	18	124
Noon - 2:59 PM	190	15.4	1	25.0	4	13	23	149
3:00 PM - 5:59 PM	247	20.0	0	0.0	7	10	20	210
6:00 PM - 8:59 PM	225	18.2	1	25.0	4	4	9	207
9:00 PM - 11:59 PM	150	12.1	1	25.0	1	1	5	142
Unknown	0	0.0	0	0.0	0	0	0	0
<b>Total</b>	<b>1,237</b>	<b>100.0</b>	<b>4</b>	<b>100.0</b>	<b>21</b>	<b>43</b>	<b>91</b>	<b>1,078</b>

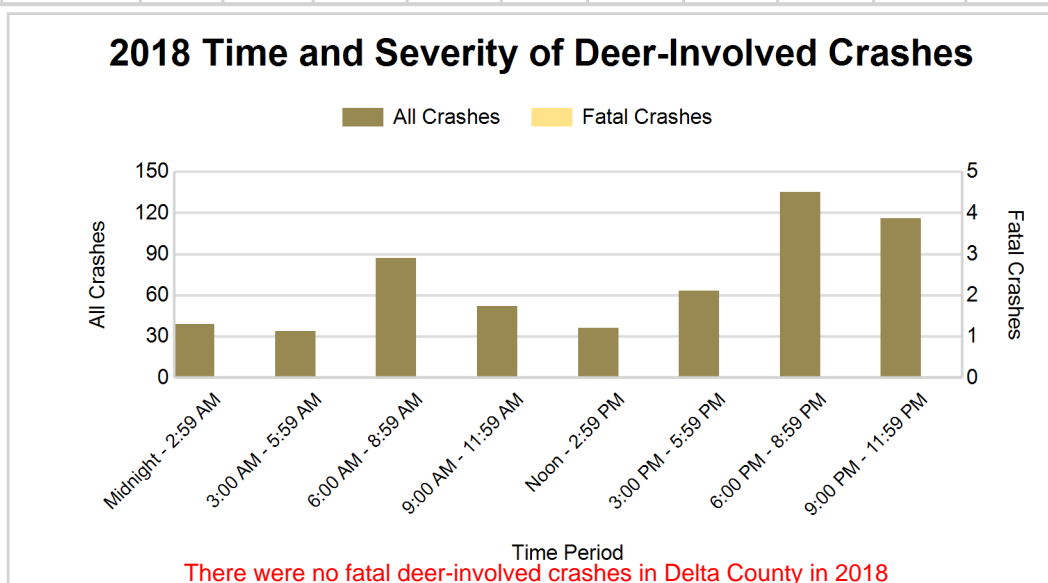
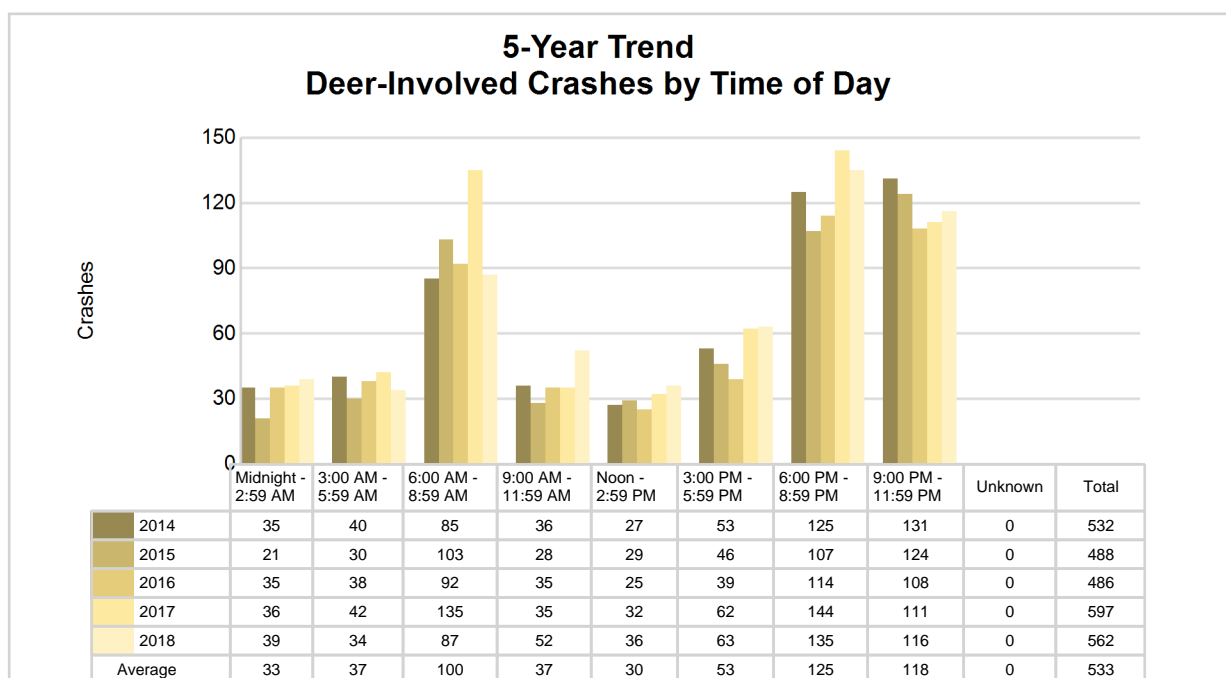




## 5-Year Trend - Deer-Involved Crashes by Time of Day

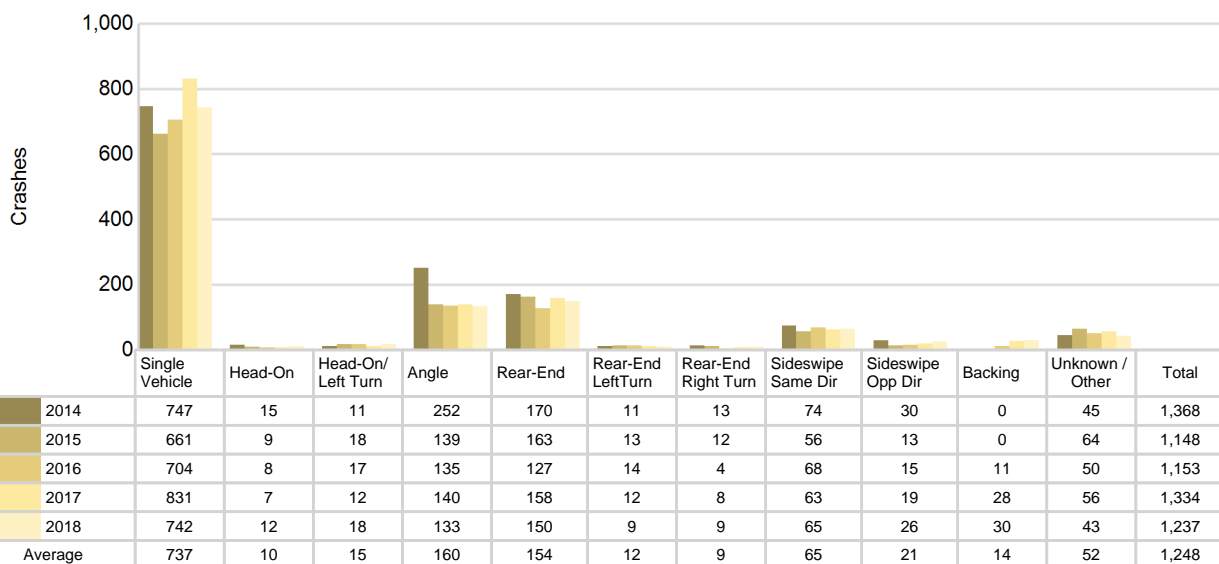
Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	35	0	21	0	35	0	36	1	39	0
3:00 AM - 5:59 AM	40	0	30	0	38	0	42	0	34	0
6:00 AM - 8:59 AM	85	0	103	0	92	0	135	0	87	0
9:00 AM - 11:59 AM	36	0	28	0	35	0	35	0	52	0
Noon - 2:59 PM	27	0	29	0	25	0	32	0	36	0
3:00 PM - 5:59 PM	53	0	46	0	39	0	62	0	63	0
6:00 PM - 8:59 PM	125	0	107	0	114	0	144	0	135	0
9:00 PM - 11:59 PM	131	0	124	0	108	0	111	0	116	0
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>532</b>	<b>0</b>	<b>488</b>	<b>0</b>	<b>486</b>	<b>0</b>	<b>597</b>	<b>1</b>	<b>562</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	747	0	661	0	704	2	831	2	742	1
Head-on	15	1	9	1	8	0	7	0	12	1
Head-on / left turn	11	0	18	1	17	0	12	0	18	1
Angle	252	0	139	1	135	0	140	3	133	0
Rear-end	170	0	163	0	127	0	158	3	150	0
Rear-end left turn	11	0	13	0	14	0	12	0	9	0
Rear-end right turn	13	0	12	0	4	0	8	0	9	0
Sideswipe same direction	74	1	56	0	68	0	63	0	65	0
Sideswipe opposite direction	30	0	13	0	15	0	19	0	26	1
Backing	0	0	0	0	11	0	28	0	30	0
Other / Unknown	45	0	64	0	50	0	56	0	43	0
Uncoded and Errors	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,368</b>	<b>2</b>	<b>1,148</b>	<b>3</b>	<b>1,153</b>	<b>2</b>	<b>1,334</b>	<b>8</b>	<b>1,237</b>	<b>4</b>

5-Year Trend  
Crashes by Crash Type

# Delta County (continued)

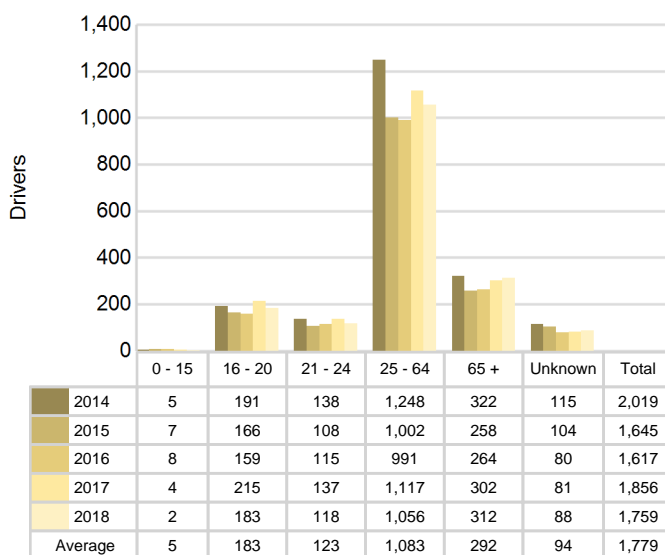
## 2018 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Baldwin Twp.	38	0	0	38	0	0	22	16	0	0	33	0	0
Bark River Twp.	65	0	7	58	0	34	10	21	1	1	49	0	12
Bay De Noc Twp.	7	0	1	6	0	0	0	7	0	0	3	0	1
Brampton Twp.	29	0	5	24	0	13	7	9	0	1	18	0	5
Cornell Twp.	26	0	2	24	0	0	0	26	0	0	18	0	2
Ensign Twp.	42	1	5	36	0	28	0	14	2	0	35	1	5
Escanaba	379	0	65	314	0	116	35	227	17	11	36	0	93
Escanaba Twp.	80	0	6	74	0	13	7	60	2	0	52	0	10
Fairbanks Twp.	8	0	0	8	0	0	4	4	0	0	6	0	0
Ford River Twp.	72	0	8	64	0	12	45	15	1	1	56	0	11
Garden	3	0	1	2	0	0	3	0	0	0	0	0	1
Garden Twp.	24	1	6	17	0	15	4	5	2	1	9	1	8
Gladstone	102	0	11	91	0	31	32	39	2	2	31	0	15
Maple Ridge Twp.	47	0	3	44	0	0	35	12	0	0	40	0	3
Masonville Twp.	114	1	13	100	0	101	0	13	5	1	70	1	20
Nahma Twp.	39	0	5	34	0	23	0	14	1	0	24	0	6
Wells Twp.	162	1	17	144	0	98	0	64	2	2	82	1	24
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,237</b>	<b>4</b>	<b>155</b>	<b>1,078</b>	<b>0</b>	<b>484</b>	<b>204</b>	<b>546</b>	<b>35</b>	<b>20</b>	<b>562</b>	<b>4</b>	<b>216</b>

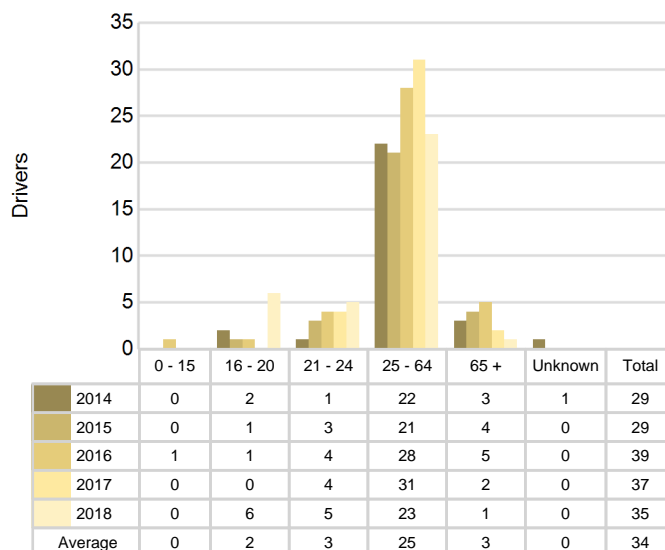
## 5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	5	0	7	0	8	1	4	0	2	0
16 - 20	191	2	166	1	159	1	215	0	183	6
21 - 24	138	1	108	3	115	4	137	4	118	5
25 - 64	1,248	22	1,002	21	991	28	1,117	31	1,056	23
65 +	322	3	258	4	264	5	302	2	312	1
Unknown	115	1	104	0	80	0	81	0	88	0
<b>Total</b>	<b>2,019</b>	<b>29</b>	<b>1,645</b>	<b>29</b>	<b>1,617</b>	<b>39</b>	<b>1,856</b>	<b>37</b>	<b>1,759</b>	<b>35</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	6	4	4	6	0	1	0	1	4
21 - 24	6	5	2	5	0	0	0	1	4
25 - 64	34	28	18	23	0	4	2	6	11
65 +	1	4	1	1	0	0	0	0	1
Unknown	7	0	0	0	0	0	0	0	0
<b>Total</b>	<b>54</b>	<b>41</b>	<b>25</b>	<b>35</b>	<b>0</b>	<b>5</b>	<b>2</b>	<b>8</b>	<b>20</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 54 drivers in alcohol-involved crashes; 35 (64.8%) of those drivers were coded as had-been-drinking by the officer on the crash form.

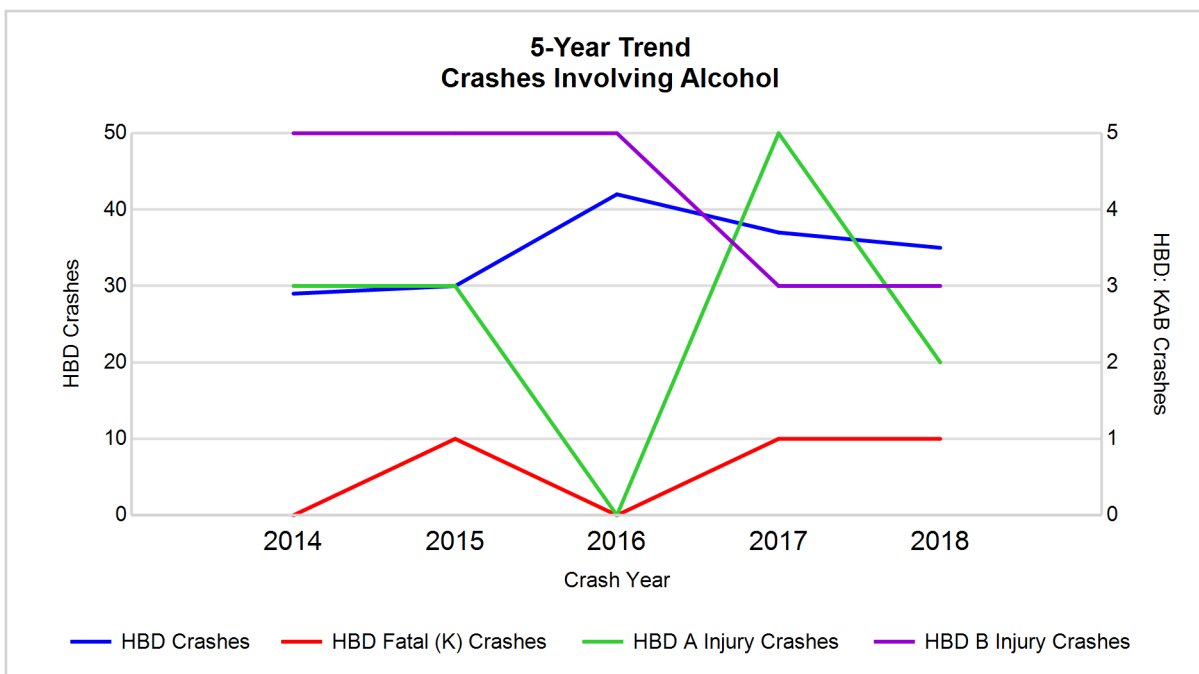
- 10 (28.6%) of the 35 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 8 (80.0%) of the 10 drivers had a BAC at or above 0.17 g/dL.
- 25 (71.4%) of the 35 drivers were coded as had-been-drinking and were tested for alcohol consumption.

**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	1,368	29	2.1	2	0	0.0	19	3	15.8	43	5	11.6
2015	1,148	30	2.6	3	1	33.3	18	3	16.7	36	5	13.9
2016	1,153	42	3.6	2	0	0.0	15	0	0.0	54	5	9.3
2017	1,334	37	2.8	8	1	12.5	22	5	22.7	43	3	7.0
2018	1,237	35	2.8	4	1	25.0	21	2	9.5	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



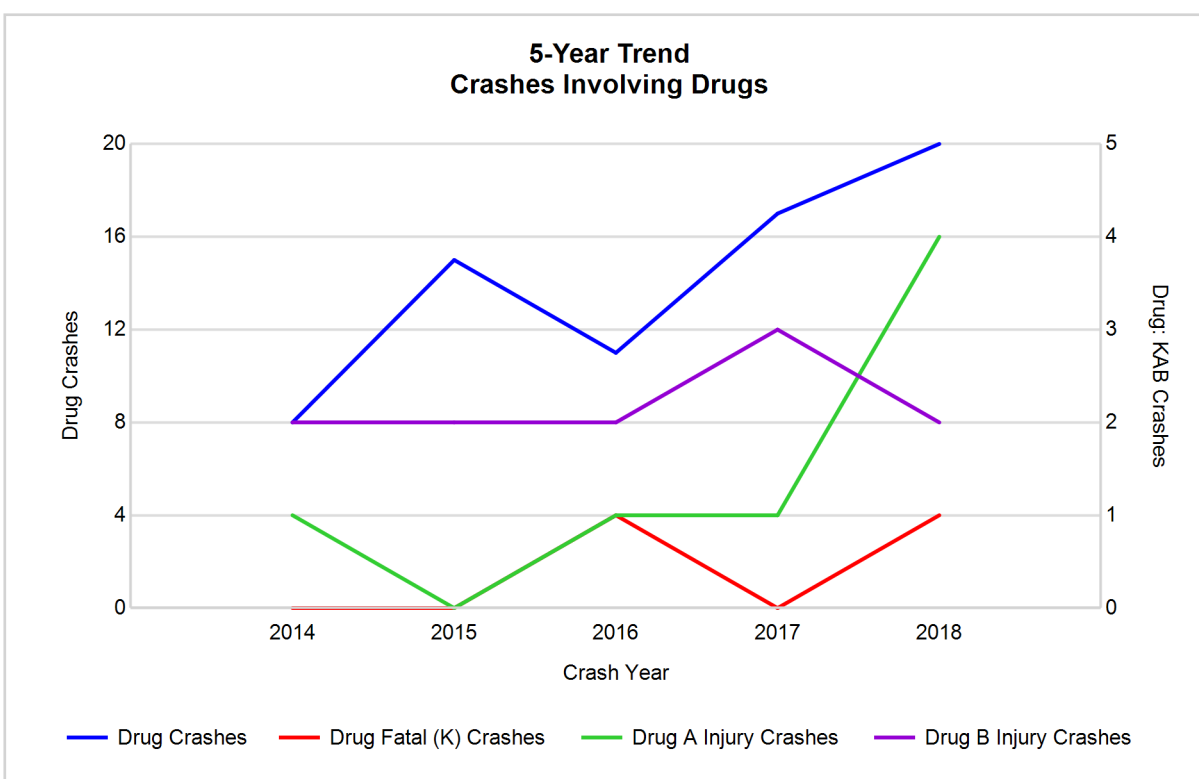
Note: Had-Been-Drinking (HBD)

## 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	1,368	8	0.6	2	0	0.0	19	1	5.3	43	2	4.7
2015	1,148	15	1.3	3	0	0.0	18	0	0.0	36	2	5.6
2016	1,153	11	1.0	2	1	50.0	15	1	6.7	54	2	3.7
2017	1,334	17	1.3	8	0	0.0	22	1	4.5	43	3	7.0
2018	1,237	20**	1.6**	4	1	25.0	21	4**	19.0**	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

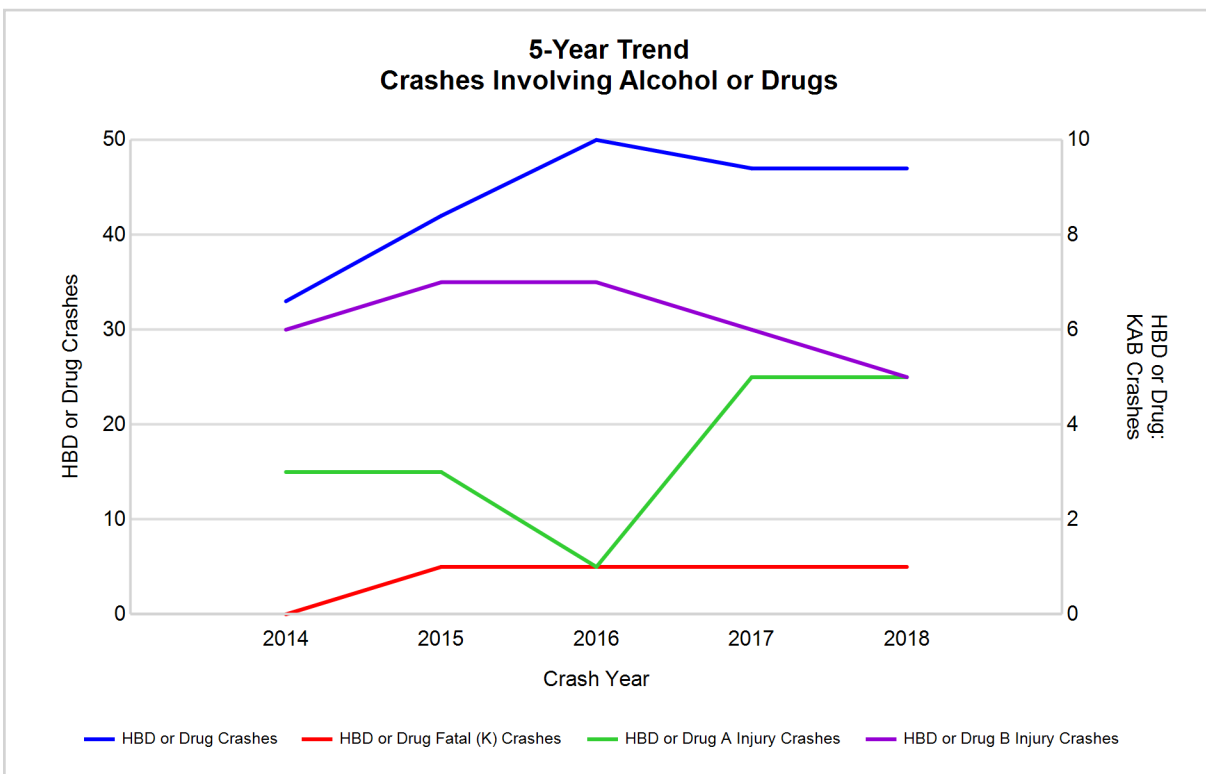


## 5-Year Trend - Crashes Involving Alcohol or Drugs

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
2014	1,368	33	2.4	2	0	0.0	19	3	15.8	43	6	14.0
2015	1,148	42	3.7	3	1	33.3	18	3	16.7	36	7	19.4
2016	1,153	50	4.3	2	1	50.0	15	1	6.7	54	7	13.0
2017	1,334	47	3.5	8	1	12.5	22	5	22.7	43	6	14.0
2018	1,237	47	3.8	4	1	25.0	21	5	23.8**	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)

## 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	1,336	1,142	85.5	2	2	100.0	11	10	90.9	31	28	90.3	119	112	94.1	1,116	990	88.7
Motor home	10	9	90.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	10	9	90.0
Pickup truck	345	290	84.1	0	0	0.0	2	1	50.0	6	5	83.3	17	14	82.4	306	270	88.2
Small truck under 10,000 lbs. GVWR	8	6	75.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7	6	85.7
Motorcycle	15	11	73.3	2	1	50.0	4	3	75.0	5	5	100.0	1	1	100.0	3	1	33.3
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	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Snowmobile	2	2	100.0	0	0	0.0	0	0	0.0	1	1	100.0	1	1	100.0	0	0	0.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	4	3	75.0	0	0	0.0	4	3	75.0	0	0	0.0	0	0	0.0	0	0	0.0
Other	5	3	60.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	4	3	75.0
Truck/bus over 10,000 lbs.	60	52	86.7	0	0	0.0	0	0	0.0	2	2	100.0	4	3	75.0	52	47	90.4
Unknown	21	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>1,807</b>	<b>1,519</b>	<b>84.1</b>	<b>4</b>	<b>3</b>	<b>0.0</b>	<b>21</b>	<b>17</b>	<b>81.0</b>	<b>45</b>	<b>41</b>	<b>91.1</b>	<b>142</b>	<b>131</b>	<b>92.3</b>	<b>1,499</b>	<b>1,327</b>	<b>88.5</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	14	13	92.9	0	0	0.0	0	0	0.0	1	1	100.0	11	10	90.9	2	2	100.0
16 - 20	187	168	89.8	0	0	0.0	4	4	100.0	5	5	100.0	19	16	84.2	159	143	89.9
21 - 24	118	99	83.9	1	1	100.0	2	1	50.0	4	4	100.0	6	6	100.0	105	87	82.9
25 - 64	1,081	953	88.2	2	1	50.0	12	9	75.0	25	21	84.0	78	71	91.0	957	851	88.9
65 +	319	286	89.7	1	1	100.0	3	3	100.0	10	10	100.0	28	28	100.0	276	244	88.4
Unknown	88	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>1,807</b>	<b>1,519</b>	<b>84.1</b>	<b>4</b>	<b>3</b>	<b>0.0</b>	<b>21</b>	<b>17</b>	<b>81.0</b>	<b>45</b>	<b>41</b>	<b>91.1</b>	<b>142</b>	<b>131</b>	<b>92.3</b>	<b>1,499</b>	<b>1,327</b>	<b>88.5</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	4	0	0	5	0	0	2	0	0	0	0	0
Shoulder belt only used	2	0	0	8	0	0	3	0	0	13	0	0	9	0	1
Lap belt only used	7	0	0	1	0	0	3	0	1	3	0	0	1	0	0
Both lap & shoulder belts used	1,825	1	149	1,472	1	116	1,438	1	125	1,573	4	112	1,454	2	135
No belts used	10	0	5	8	0	3	9	0	6	11	2	7	6	0	2
Child restraint used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child restraint not used, unavailable or improper use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	1	0	0	2	0	0	0	0	0	2	0	0	0	0	0
Restraint use unknown	25	0	5	30	0	1	105	0	4	232	0	8	271	0	9
Helmet worn	18	0	12	15	0	14	21	0	20	11	0	9	13	1	11
Helmet not worn	6	0	6	4	1	3	5	0	5	6	1	4	4	1	2
Helmet use unknown	1	0	1	3	0	2	0	0	0	3	1	1	1	0	0
Uncoded & errors	113	0	1	98	0	0	28	0	0	0	0	0	0	0	0
<b>Total</b>	<b>2,019</b>	<b>1</b>	<b>179</b>	<b>1,645</b>	<b>2</b>	<b>139</b>	<b>1,617</b>	<b>1</b>	<b>161</b>	<b>1,856</b>	<b>8</b>	<b>141</b>	<b>1,759</b>	<b>4</b>	<b>160</b>

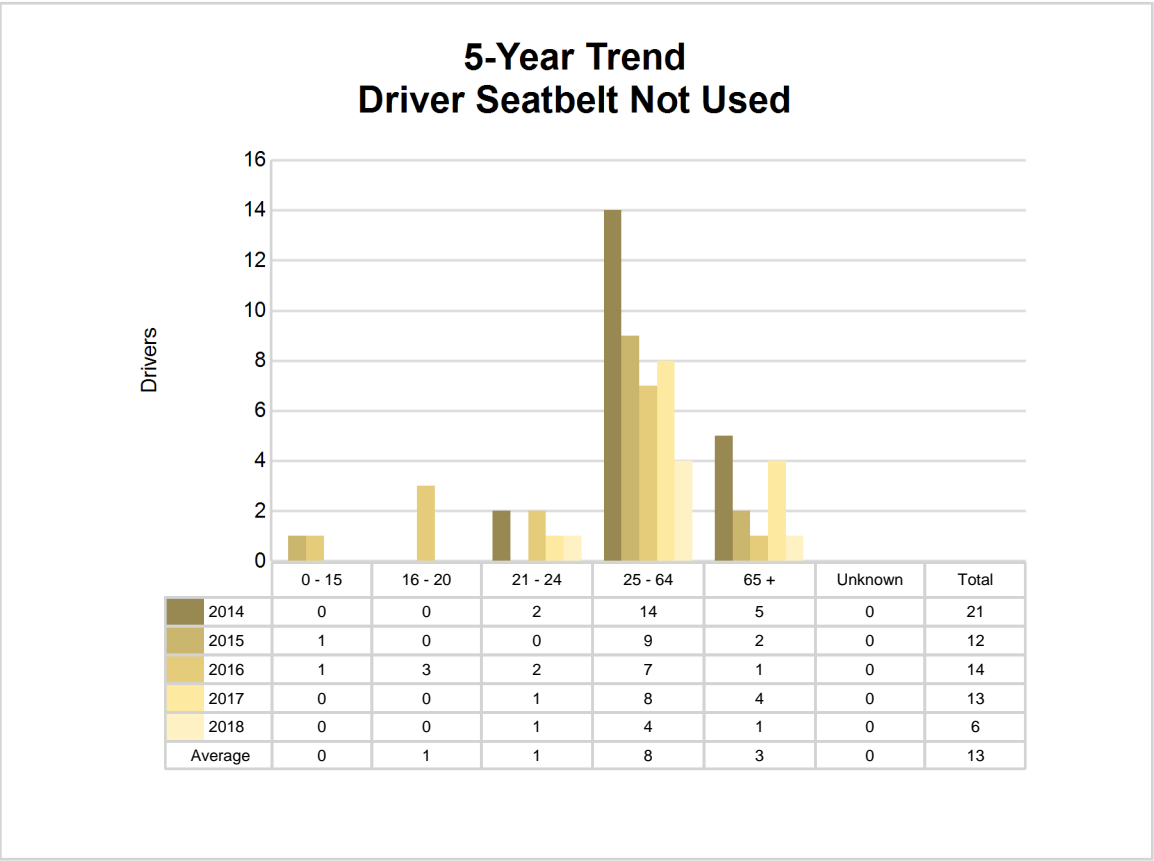
## 5-Year Trend - Restraint Use Among Drivers Coded Drinking

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	0	0	0	0	0	0	0	0	0
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	4	22	0	4	32	0	7	21	0	2	20	1	2
No belts used	1	0	1	1	0	1	2	0	2	4	0	3	1	0	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	8	0	3	4	0	0	5	0	2	9	0	2	11	0	1
Helmet worn	0	0	0	1	0	1	0	0	0	1	0	1	3	0	3
Helmet not worn	1	0	1	1	1	0	0	0	0	1	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>29</b>	<b>0</b>	<b>9</b>	<b>29</b>	<b>1</b>	<b>6</b>	<b>39</b>	<b>0</b>	<b>11</b>	<b>37</b>	<b>1</b>	<b>9</b>	<b>35</b>	<b>1</b>	<b>7</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	1	0	1	1	0	1	0	0	0	0	0	0
16 - 20	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0
21 - 24	2	0	0	0	0	0	2	0	0	1	0	1	1	0	0
25 - 64	14	0	4	9	0	1	7	0	1	8	0	5	4	0	2
65 +	5	0	1	2	0	1	1	0	1	4	2	1	1	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	21	0	5	12	0	3	14	0	6	13	2	7	6	0	2

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

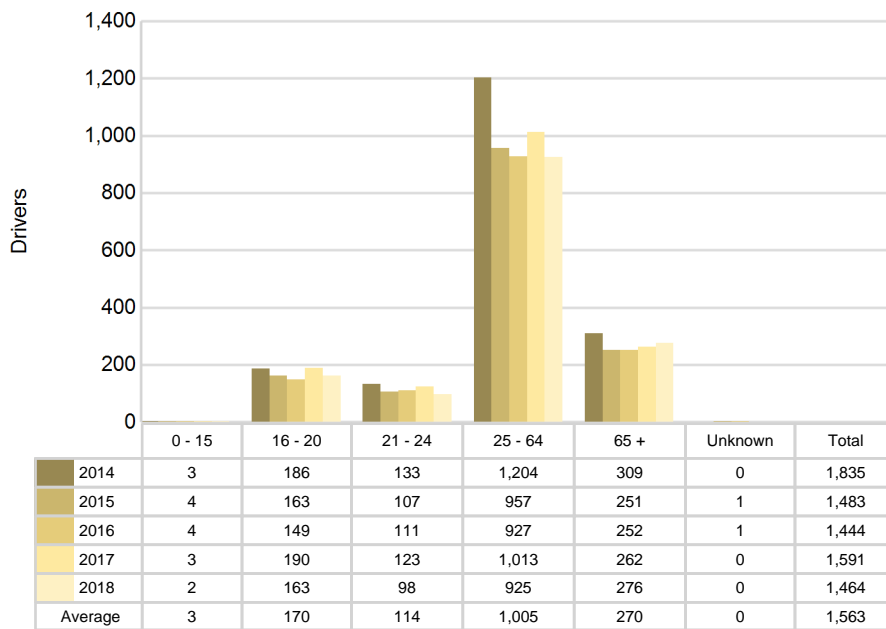


## 5-Year Trend - Seatbelt Used Among Drivers by Age

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	3	0	0	4	0	0	4	0	2	3	0	1	2	0	0
16 - 20	186	0	19	163	0	17	149	0	15	190	0	21	163	0	20
21 - 24	133	0	4	107	0	7	111	0	9	123	1	4	98	1	10
25 - 64	1,204	0	106	957	1	65	927	1	77	1,013	2	71	925	1	73
65 +	309	1	20	251	0	27	252	0	23	262	1	15	276	0	33
Unknown	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,835</b>	<b>1</b>	<b>149</b>	<b>1,483</b>	<b>1</b>	<b>116</b>	<b>1,444</b>	<b>1</b>	<b>126</b>	<b>1,591</b>	<b>4</b>	<b>112</b>	<b>1,464</b>	<b>2</b>	<b>136</b>

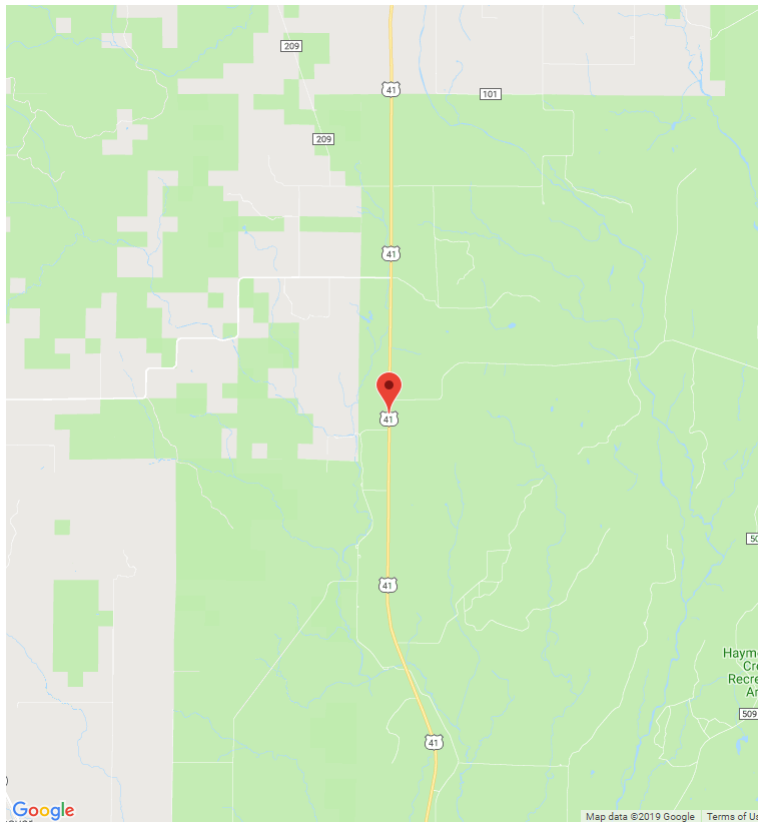
Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.

## 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	1,241	3	1,026	2	998	1	1,154	6	1,110	3
Speed too fast	134	0	73	1	95	0	116	2	76	1
Speed too slow	1	0	1	0	1	0	1	0	0	0
Failed to yield	190	1	127	0	131	0	134	3	141	0
Disregard traffic control	45	0	25	2	29	0	15	0	26	0
Drove wrong way	0	0	1	0	3	0	1	0	1	1
Drove left of center	10	1	3	0	9	0	8	0	12	1
Improper passing	7	0	5	0	10	0	6	0	3	0
Improper lane use	45	0	28	0	30	0	24	0	32	0
Improper turn	15	0	8	1	8	0	18	0	8	0
Improper/no signal	6	0	4	0	0	0	3	0	4	0
Improper backing	56	0	53	0	45	0	31	0	43	0
Unable to stop in assured clear distance	137	0	149	0	120	0	154	2	135	0
Other	34	0	42	0	35	1	42	0	28	0
Unknown	15	0	25	0	30	0	37	1	46	1
Reckless driving	4	0	5	0	6	0	7	0	8	0
Careless/negligent driving	79	0	70	0	67	0	105	0	86	0
Uncoded & errors	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>2,019</b>	<b>5</b>	<b>1,645</b>	<b>6</b>	<b>1,617</b>	<b>2</b>	<b>1,856</b>	<b>14</b>	<b>1,759</b>	<b>7</b>



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

In 2018, there were 35 alcohol-involved crashes in Delta County:

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

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