



2021

# Michigan Traffic Crash Facts

**MTCF**  
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

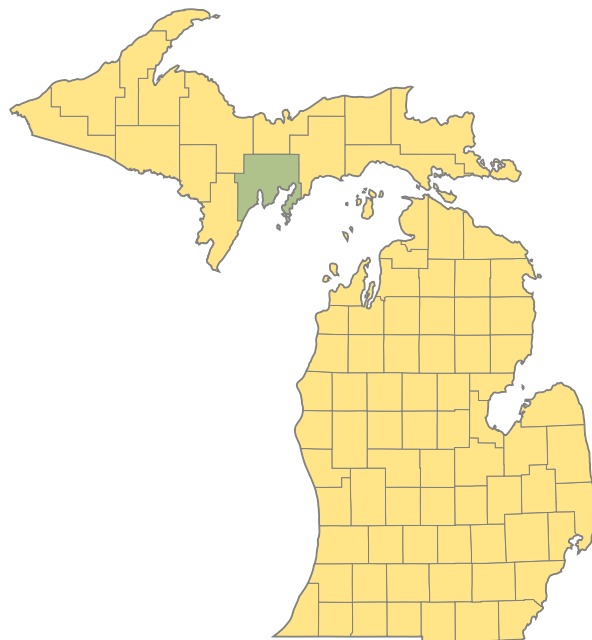
O = No Injury

Property Damage Only (PDO)



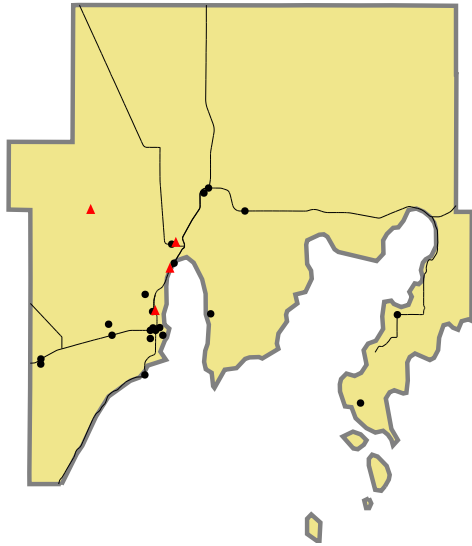
## Delta County

### 2021 Traffic Crash Data & 2017-2021 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.



Crashes by most severe injury (mapped/actual)

▲ K - Fatal (4/4)

● A - Suspected Serious (21/21)

### 2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	87	0	3	84	0	3
February	65	0	5	60	0	7
March	59	0	7	52	0	11
April	66	0	6	60	0	6
May	82	0	12	70	0	12
June	98	1	15	82	1	20
July	77	1	11	65	1	14
August	89	1	19	69	1	23
September	102	0	22	80	0	29
October	91	0	10	81	0	11
November	129	1	16	112	2	28
December	130	0	14	116	0	16
<b>Total</b>	<b>1,075</b>	<b>4</b>	<b>140</b>	<b>931</b>	<b>5</b>	<b>180</b>

### 2021 - Driver Statistics

Age Group	Delta County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	6,117	156	7	11.4	448.7
16 - 20	1,968	1,576	161	818.1	1,021.6
21 - 24	1,347	1,409	104	772.1	738.1
25 - 64	17,459	16,258	892	510.9	548.7
65 +	8,893	8,785	267	300.2	303.9
Unknown	0	0	60	--	--
<b>Total</b>	<b>35,784</b>	<b>28,184</b>	<b>1,491</b>	<b>416.7</b>	<b>529.0</b>

\*2021 Population of Michigan Counties (by single-year of age) not yet available from U.S. Census Bureau.

### 2021 - 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	1,006	67.5	4	66.7	130	872
Motor Home	1	0.1	0	0.0	0	1
Pickup Truck	384	25.8	1	16.7	59	324
Small Truck Under 10,000 lbs. GVWR	7	0.5	0	0.0	1	6
Motorcycle	12	0.8	1	16.7	10	1
Moped/Goped	0	0.0	0	0.0	0	0
Go-Cart/Golf Cart	0	0.0	0	0.0	0	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	9	0.6	0	0.0	7	2
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	4	0.3	0	0.0	1	3
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	45	3.0	0	0.0	8	37
Uncoded & Errors	23	1.5	0	0.0	2	21
<b>Total</b>	<b>1,491</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>218</b>	<b>1,267</b>

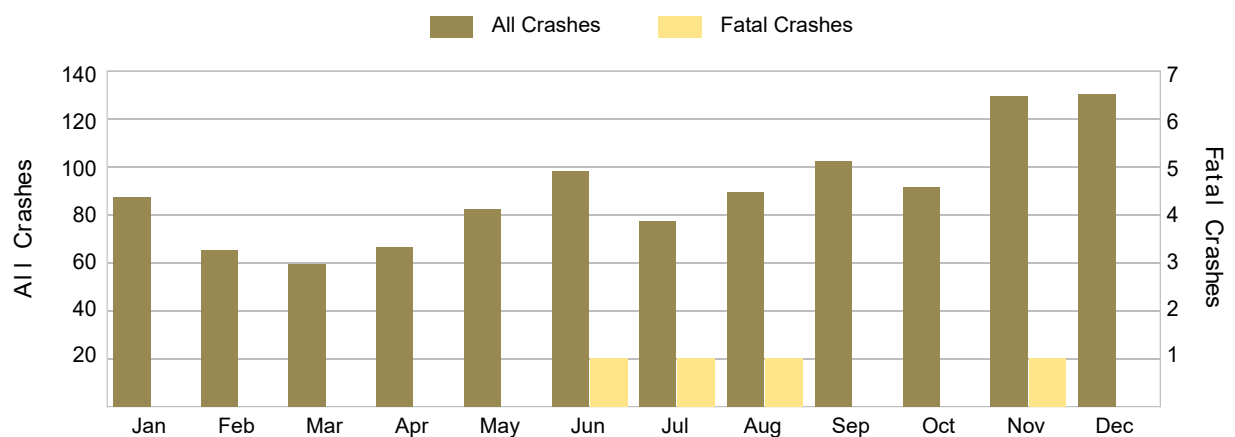
## 5-Year Trend - Crashes by Month

Month	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	107	0	121	0	100	1	130	0	87	0
February	110	1	68	0	125	0	99	0	65	0
March	114	1	79	0	86	1	67	0	59	0
April	60	1	84	0	83	0	35	0	66	0
May	65	0	81	1	80	0	67	0	82	0
June	94	0	121	1	134	0	105	0	98	1
July	100	1	93	0	112	0	85	0	77	1
August	91	0	81	0	97	0	88	0	89	1
September	124	1	94	1	92	0	101	0	102	0
October	140	1	127	0	114	0	103	0	91	0
November	159	1	142	0	166	1	119	1	129	1
December	170	1	146	1	127	0	88	0	130	0
<b>Total</b>	<b>1,334</b>	<b>8</b>	<b>1,237</b>	<b>4</b>	<b>1,316</b>	<b>3</b>	<b>1,087</b>	<b>1</b>	<b>1,075</b>	<b>4</b>

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

Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	175	1	193	0	202	0	178	0	157	0
Tuesday	210	1	161	0	153	0	140	0	150	1
Wednesday	195	1	185	0	223	0	158	0	155	0
Thursday	187	1	187	0	210	1	165	0	158	1
Friday	249	2	220	0	237	1	172	0	151	1
Saturday	160	1	149	2	153	0	143	0	164	0
Sunday	158	1	142	2	138	1	131	1	140	1
<b>Total</b>	<b>1,334</b>	<b>8</b>	<b>1,237</b>	<b>4</b>	<b>1,316</b>	<b>3</b>	<b>1,087</b>	<b>1</b>	<b>1,075</b>	<b>4</b>

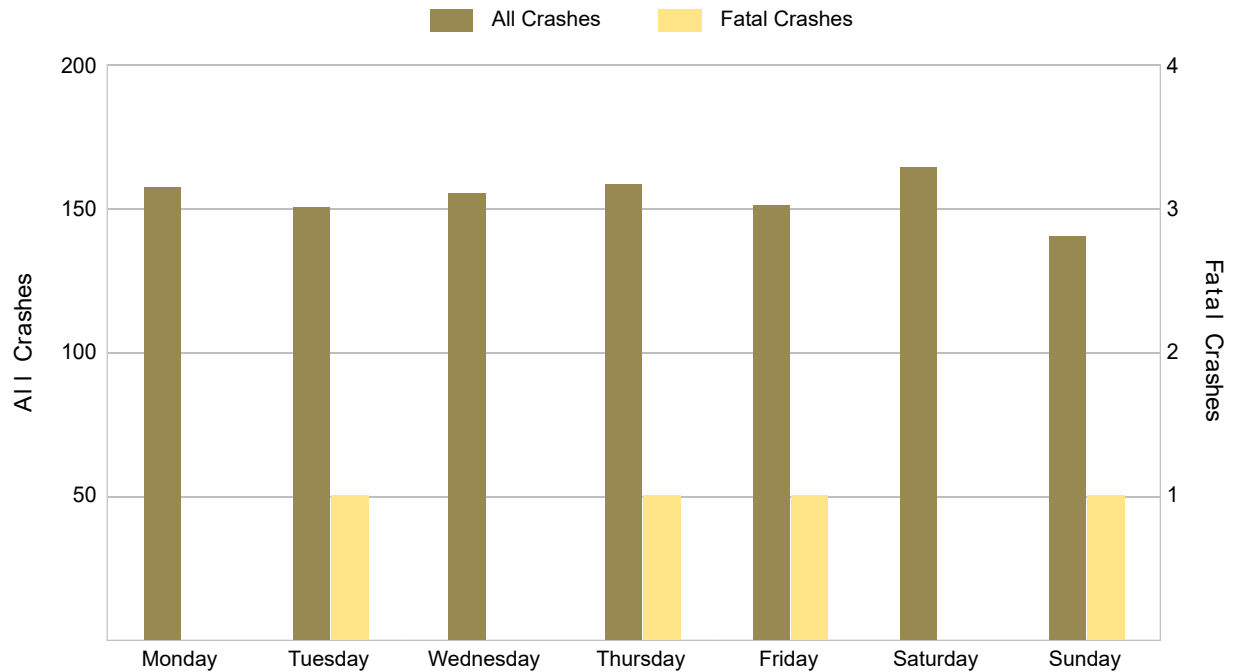
## 2021 Crashes by Month



## 2021 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Fatal	% of Fatal	A	B	C	Number
Monday	157	14.6	0	0.0	3	4	10	140
Tuesday	150	14.0	1	25.0	4	7	13	125
Wednesday	155	14.4	0	0.0	5	1	18	131
Thursday	158	14.7	1	25.0	3	4	9	141
Friday	151	14.0	1	25.0	2	7	13	128
Saturday	164	15.3	0	0.0	3	3	15	143
Sunday	140	13.0	1	25.0	1	5	10	123
<b>Total</b>	<b>1,075</b>	<b>100.0</b>	<b>4</b>	<b>100.0</b>	<b>21</b>	<b>31</b>	<b>88</b>	<b>931</b>

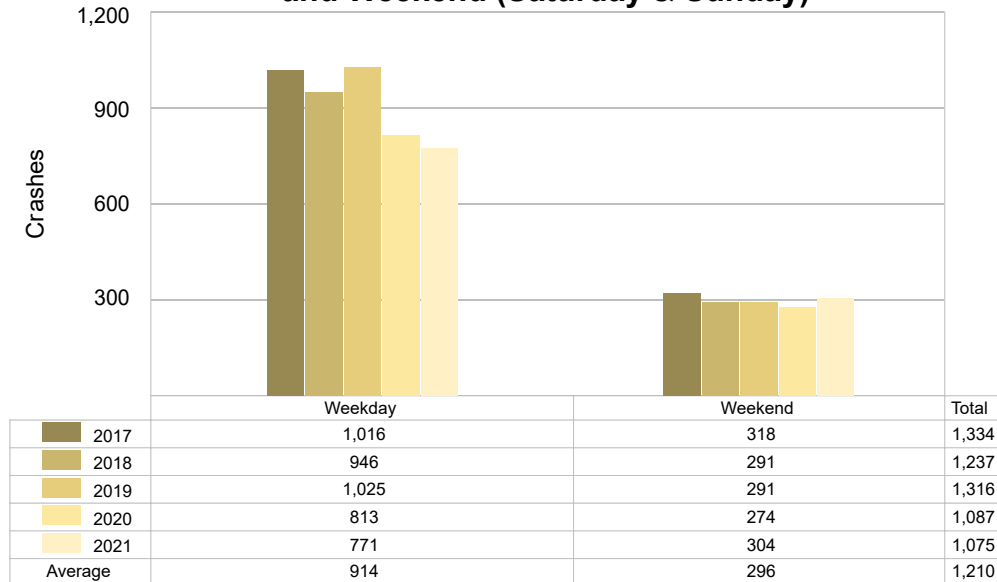
## 2021 Day of Week and Severity



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

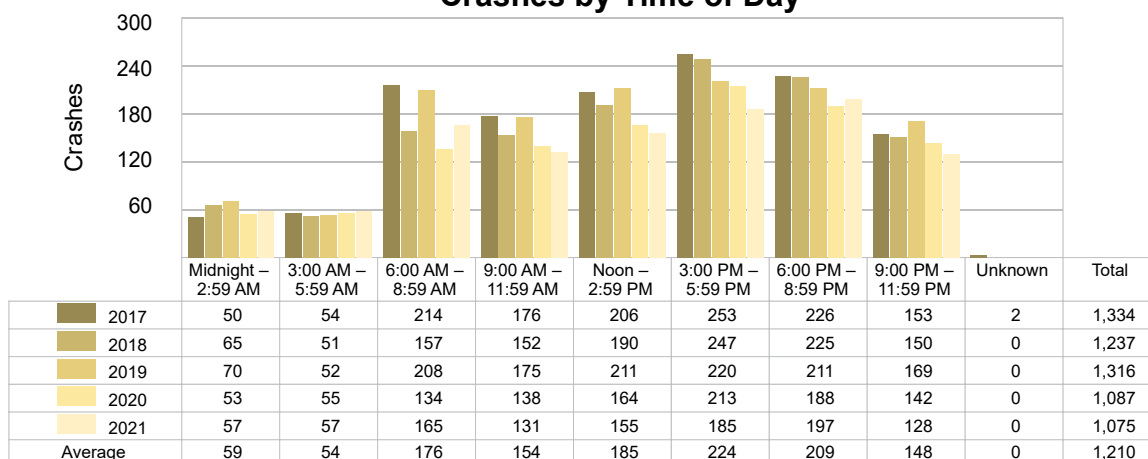
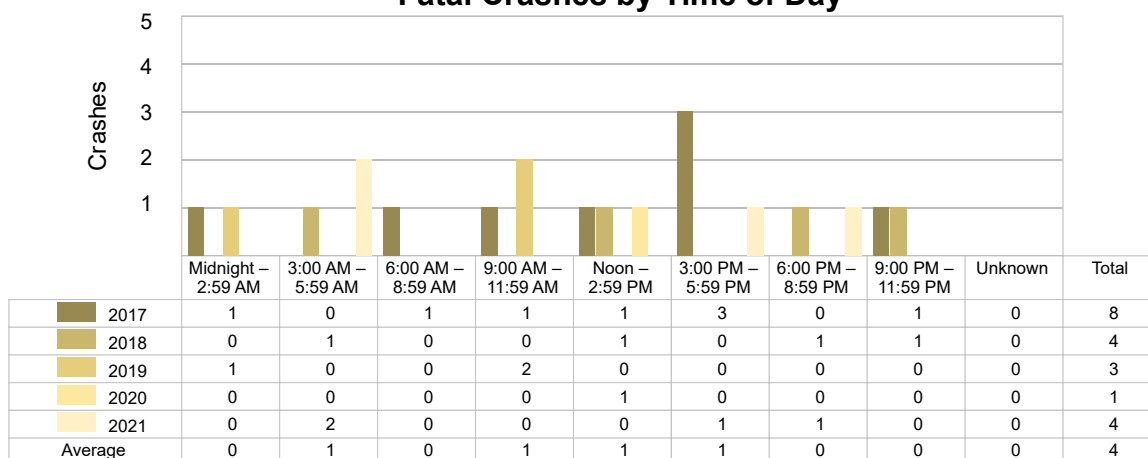
Portion of Week	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	1,016	6	946	0	1,025	2	813	0	771	3
Weekend	318	2	291	4	291	1	274	1	304	1
<b>Total</b>	<b>1,334</b>	<b>8</b>	<b>1,237</b>	<b>4</b>	<b>1,316</b>	<b>3</b>	<b>1,087</b>	<b>1</b>	<b>1,075</b>	<b>4</b>

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



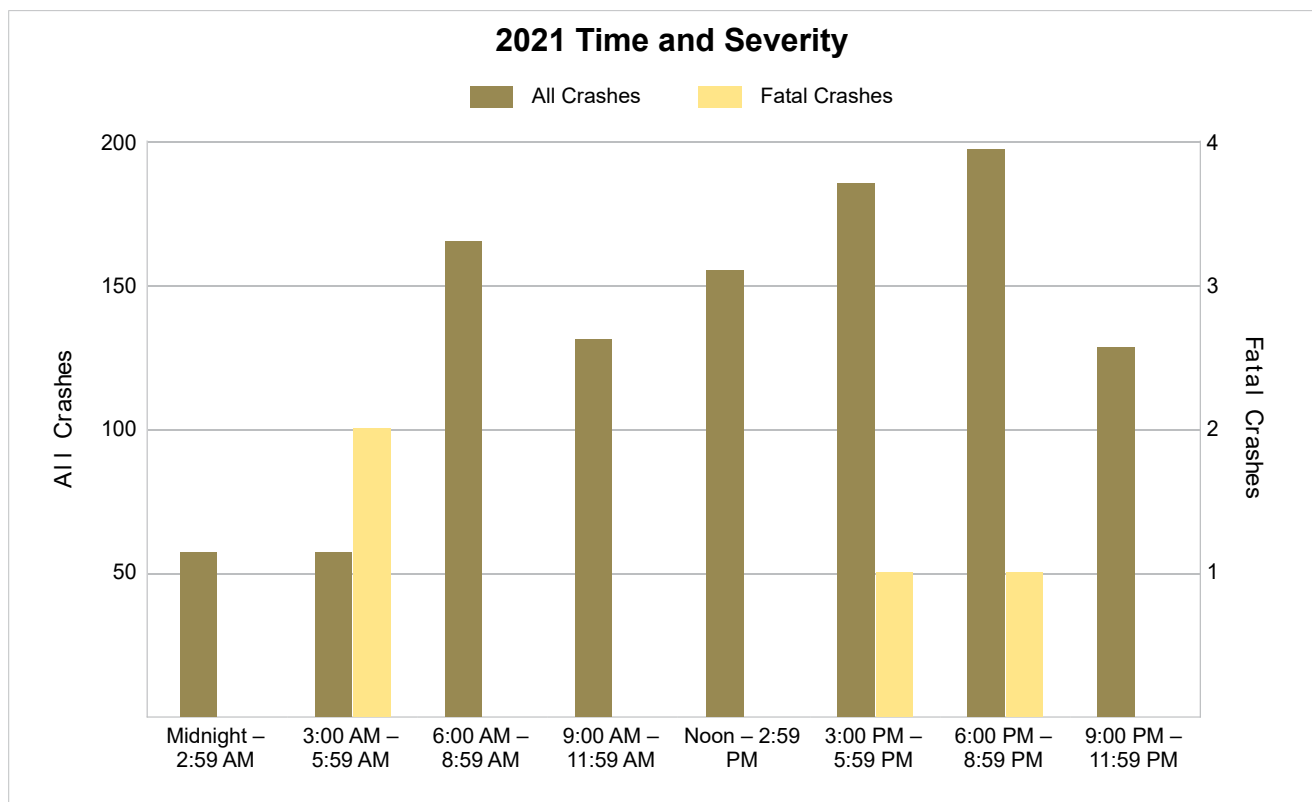
## 5-Year Trend - Crashes by Time of Day

Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	50	1	65	0	70	1	53	0	57	0
3:00 AM – 5:59 AM	54	0	51	1	52	0	55	0	57	2
6:00 AM – 8:59 AM	214	1	157	0	208	0	134	0	165	0
9:00 AM – 11:59 AM	176	1	152	0	175	2	138	0	131	0
Noon – 2:59 PM	206	1	190	1	211	0	164	1	155	0
3:00 PM – 5:59 PM	253	3	247	0	220	0	213	0	185	1
6:00 PM – 8:59 PM	226	0	225	1	211	0	188	0	197	1
9:00 PM – 11:59 PM	153	1	150	1	169	0	142	0	128	0
Unknown	2	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,334</b>	<b>8</b>	<b>1,237</b>	<b>4</b>	<b>1,316</b>	<b>3</b>	<b>1,087</b>	<b>1</b>	<b>1,075</b>	<b>4</b>

5-Year Trend  
Crashes by Time of Day5-Year Trend  
Fatal Crashes by Time of Day

## 2021 - Time and Severity

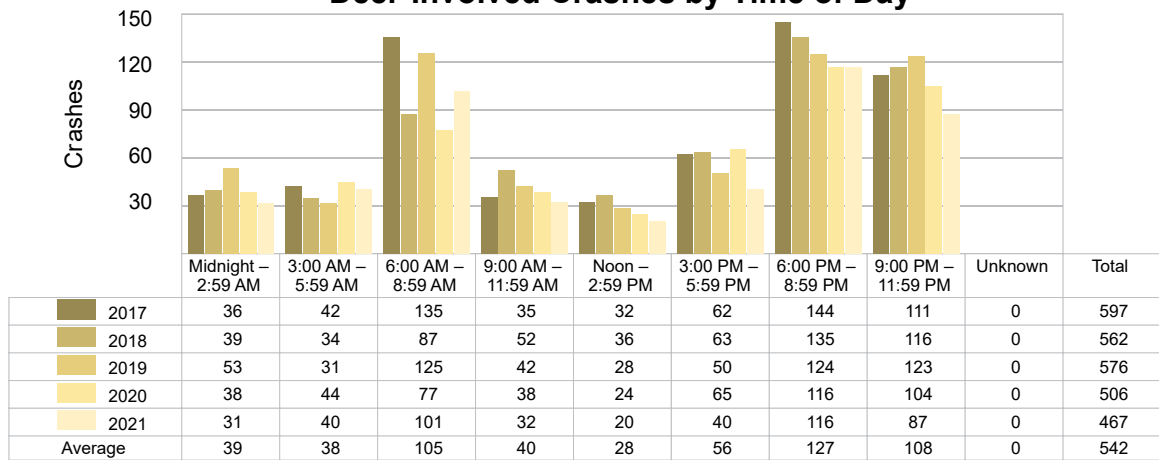
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	57	5.3	0	0.0	1	4	4	48
3:00 AM – 5:59 AM	57	5.3	2	50.0	0	1	2	52
6:00 AM – 8:59 AM	165	15.3	0	0.0	4	5	13	143
9:00 AM – 11:59 AM	131	12.2	0	0.0	3	4	12	112
Noon – 2:59 PM	155	14.4	0	0.0	2	3	15	135
3:00 PM – 5:59 PM	185	17.2	1	25.0	6	7	22	149
6:00 PM – 8:59 PM	197	18.3	1	25.0	4	5	11	176
9:00 PM – 11:59 PM	128	11.9	0	0.0	1	2	9	116
Unknown	0	0.0	0	0.0	0	0	0	0
<b>Total</b>	<b>1,075</b>	<b>100.0</b>	<b>4</b>	<b>100.0</b>	<b>21</b>	<b>31</b>	<b>88</b>	<b>931</b>



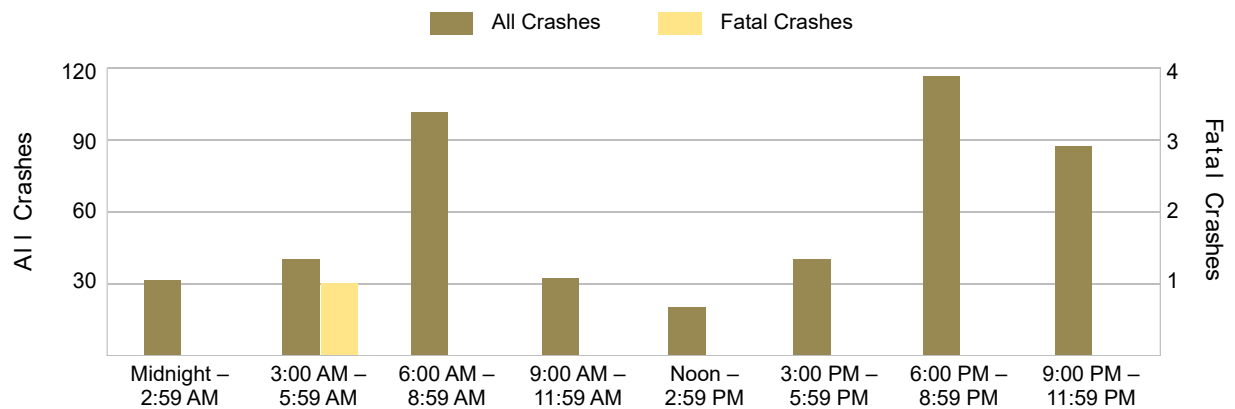
## 5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	36	1	39	0	53	0	38	0	31	0
3:00 AM – 5:59 AM	42	0	34	0	31	0	44	0	40	1
6:00 AM – 8:59 AM	135	0	87	0	125	0	77	0	101	0
9:00 AM – 11:59 AM	35	0	52	0	42	0	38	0	32	0
Noon – 2:59 PM	32	0	36	0	28	0	24	0	20	0
3:00 PM – 5:59 PM	62	0	63	0	50	0	65	0	40	0
6:00 PM – 8:59 PM	144	0	135	0	124	0	116	0	116	0
9:00 PM – 11:59 PM	111	0	116	0	123	0	104	0	87	0
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>597</b>	<b>1</b>	<b>562</b>	<b>0</b>	<b>576</b>	<b>0</b>	<b>506</b>	<b>0</b>	<b>467</b>	<b>1</b>

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



### 2021 Time and Severity of Deer-Involved Crashes

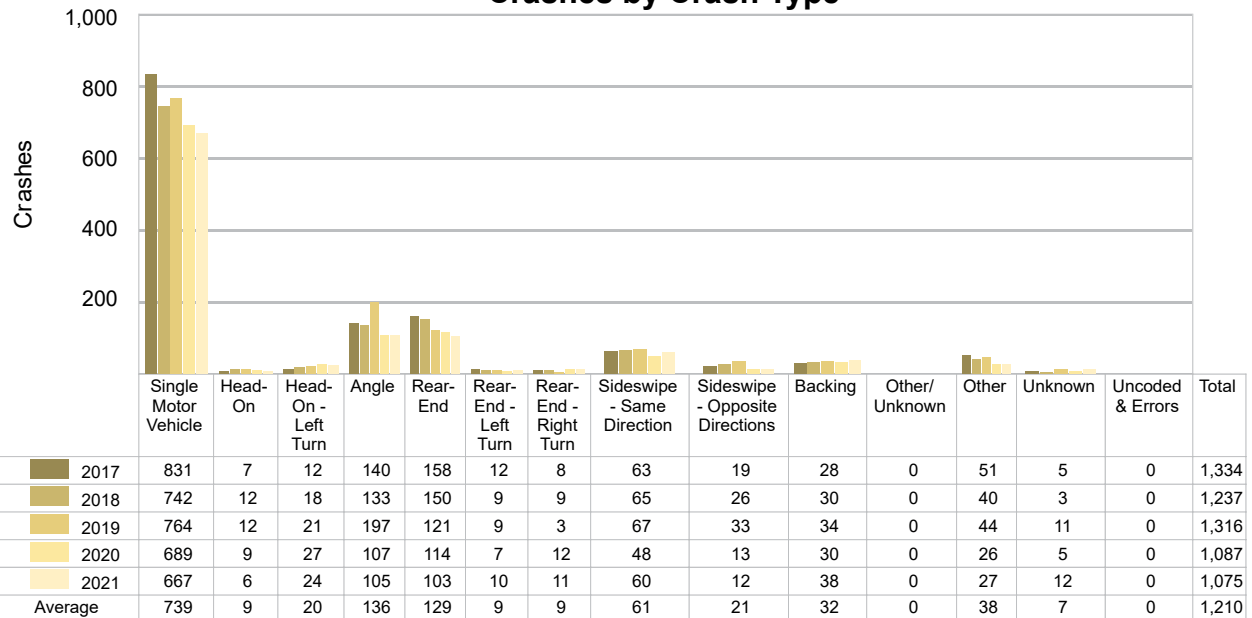




## 5-Year Trend - Crashes by Crash Type

Crash Type	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single Motor Vehicle	831	2	742	1	764	2	689	1	667	3
Head-On	7	0	12	1	12	1	9	0	6	1
Head-On - Left Turn	12	0	18	1	21	0	27	0	24	0
Angle	140	3	133	0	197	0	107	0	105	0
Rear-End	158	3	150	0	121	0	114	0	103	0
Rear-End - Left Turn	12	0	9	0	9	0	7	0	10	0
Rear-End - Right Turn	8	0	9	0	3	0	12	0	11	0
Sideswipe - Same Direction	63	0	65	0	67	0	48	0	60	0
Sideswipe - Opposite Directions	19	0	26	1	33	0	13	0	12	0
Backing	28	0	30	0	34	0	30	0	38	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	51	0	40	0	44	0	26	0	27	0
Unknown	5	0	3	0	11	0	5	0	12	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,334</b>	<b>8</b>	<b>1,237</b>	<b>4</b>	<b>1,316</b>	<b>3</b>	<b>1,087</b>	<b>1</b>	<b>1,075</b>	<b>4</b>

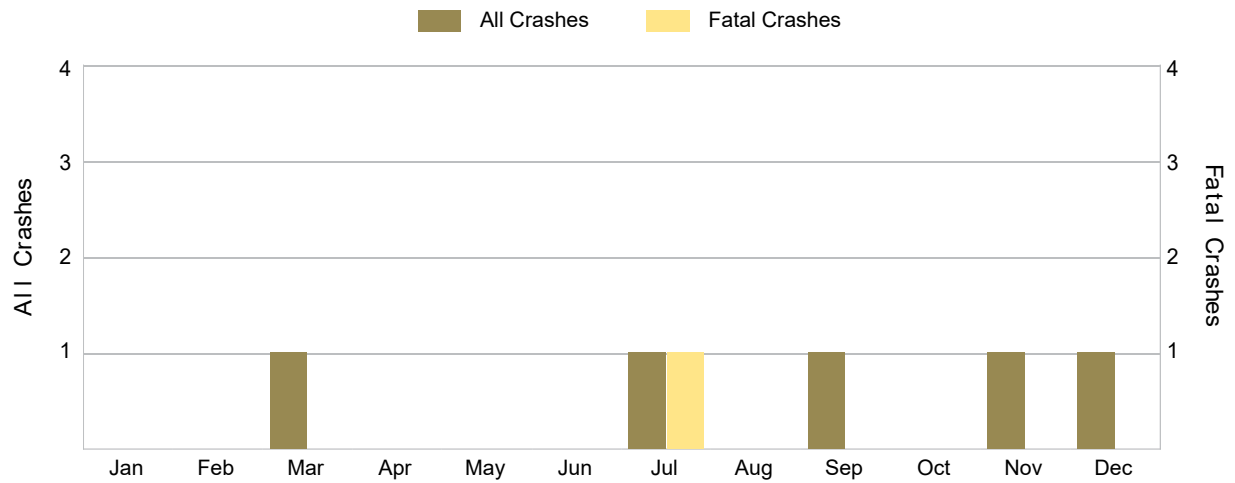
## 5-Year Trend Crashes by Crash Type



## 5-Year Trend - Pedestrian-Involved Crashes by Month

Month	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	0	0	0	0	0	0	1	0	0	0
February	1	0	0	0	0	0	1	0	0	0
March	0	0	0	0	0	0	1	0	1	0
April	0	0	0	0	1	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0
June	0	0	1	0	1	0	0	0	0	0
July	0	0	0	0	0	0	0	0	1	1
August	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	1	0
October	2	0	0	0	0	0	0	0	0	0
November	1	0	0	0	0	0	0	0	1	0
December	1	0	2	0	1	0	0	0	1	0
<b>Total</b>	<b>5</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>5</b>	<b>1</b>

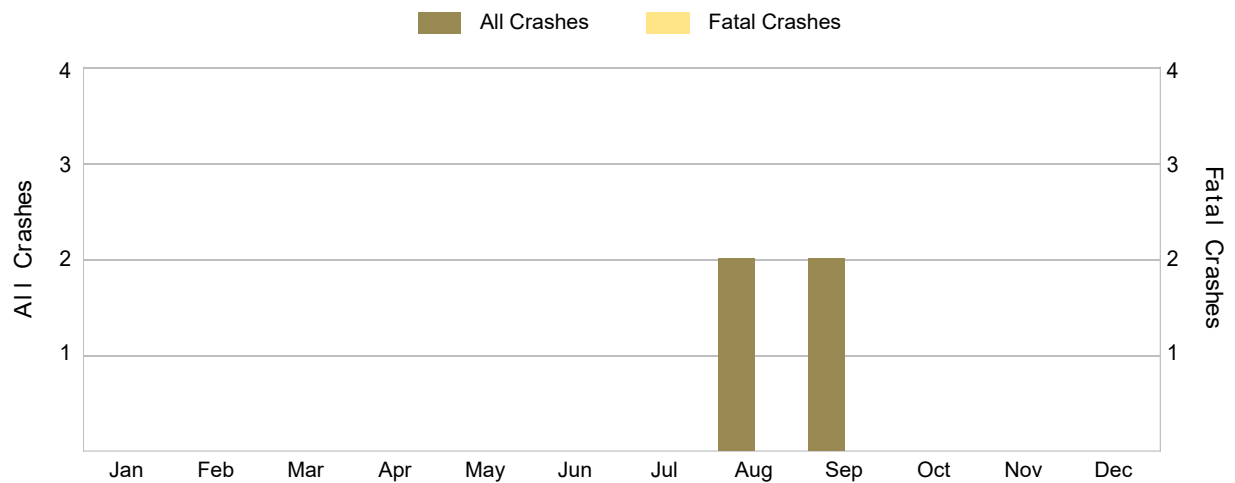
## 2021 Pedestrian-Involved Crashes by Month



## 5-Year Trend - Bicyclist-Involved Crashes by Month

Month	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0
May	0	0	3	0	1	0	0	0	0	0
June	1	0	1	0	2	0	0	0	0	0
July	1	0	2	0	3	0	1	0	0	0
August	1	0	1	0	1	0	1	0	2	0
September	0	0	0	0	0	0	3	0	2	0
October	0	0	0	0	0	0	1	0	0	0
November	0	0	1	0	0	0	1	1	0	0
December	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>3</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>1</b>	<b>4</b>	<b>0</b>

## 2021 Bicyclist-Involved Crashes by Month



There were no fatal bicyclist-involved crashes in Delta County in 2021.

## 2021 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes												
	Total	Fatal	Injury	Property Damage	Inter-State	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Pedestrian-Involved	Bicyclist-Involved
Baldwin Twp.	37	0	5	32	0	0	23	14	1	0	26	0	0
Bark River Twp.	52	0	4	48	0	24	11	17	1	0	34	0	0
Bay de Noc Twp.	8	0	1	7	0	0	0	7	0	0	7	0	0
Brampton Twp.	35	0	5	30	0	14	8	12	3	2	26	0	0
Cornell Twp.	10	1	2	7	0	0	0	10	2	2	2	0	0
Ensign Twp.	40	0	6	34	0	22	0	18	3	0	27	0	0
Escanaba	305	1	49	255	0	99	30	176	8	8	33	4	4
Escanaba Twp.	77	1	6	70	0	14	8	55	6	1	47	0	0
Fairbanks Twp.	6	0	2	4	0	0	3	3	1	0	5	0	0
Ford River Twp.	62	0	7	55	0	8	39	14	2	1	37	0	0
Garden	0	0	0	0	0	0	0	0	0	0	0	0	0
Garden Twp.	28	0	5	23	0	8	17	3	1	1	14	0	0
Gladstone	94	1	17	76	0	38	24	32	5	1	24	1	0
Maple Ridge Twp.	31	0	5	26	0	0	19	11	4	1	22	0	0
Masonville Twp.	99	0	7	92	0	84	0	13	1	0	64	0	0
Nahma Twp.	40	0	3	37	0	30	0	10	2	1	24	0	0
Wells Twp.	151	0	16	135	0	69	0	80	5	1	75	0	0
<b>Total</b>	<b>1,075</b>	<b>4</b>	<b>140</b>	<b>931</b>	<b>0</b>	<b>410</b>	<b>182</b>	<b>475</b>	<b>45</b>	<b>19</b>	<b>467</b>	<b>5</b>	<b>4</b>

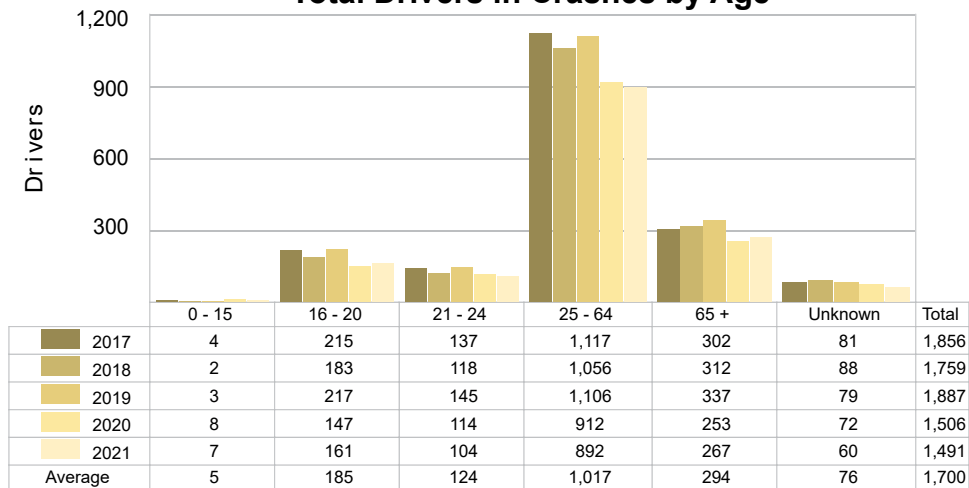
## 2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Baldwin Twp.	0	0	0	6	36	0
Bark River Twp.	0	5	3	2	60	1
Bay de Noc Twp.	0	1	0	0	7	0
Brampton Twp.	0	0	3	4	33	0
Cornell Twp.	1	0	1	1	9	0
Ensign Twp.	0	3	1	5	43	0
Escanaba	2	18	12	93	562	43
Escanaba Twp.	1	0	3	7	86	1
Fairbanks Twp.	0	2	0	0	4	0
Ford River Twp.	0	1	3	13	67	1
Garden	0	0	0	0	0	0
Garden Twp.	0	0	4	4	30	0
Gladstone	1	7	5	37	147	18
Maple Ridge Twp.	0	0	3	6	30	0
Masonville Twp.	0	5	2	8	119	1
Nahma Twp.	0	0	3	5	49	1
Wells Twp.	0	5	13	12	191	3
<b>Total</b>	<b>5</b>	<b>47</b>	<b>56</b>	<b>203</b>	<b>1,473</b>	<b>69</b>

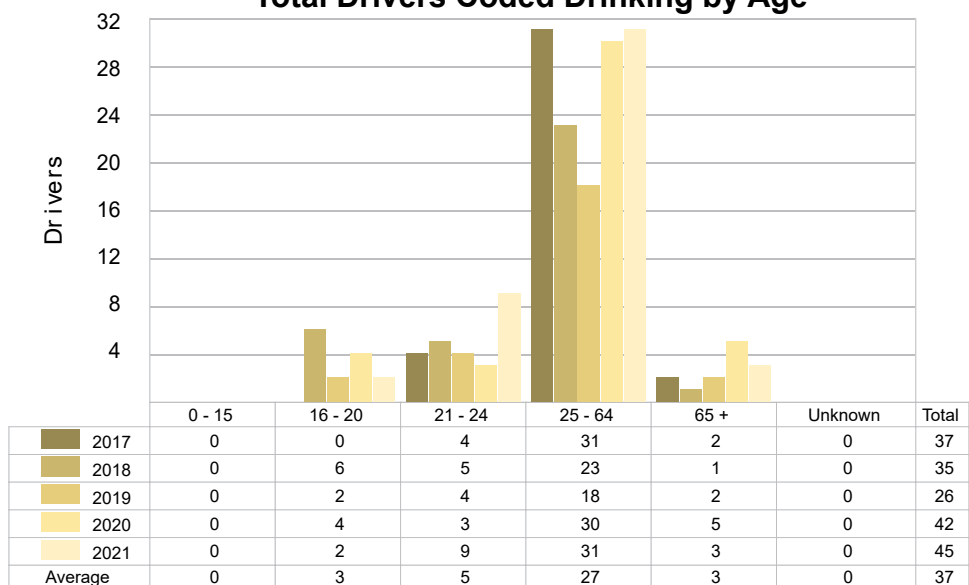
## 5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2017		2018		2019		2020		2021	
	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	4	0	2	0	3	0	8	0	7	0
16 - 20	215	0	183	6	217	2	147	4	161	2
21 - 24	137	4	118	5	145	4	114	3	104	9
25 - 64	1,117	31	1,056	23	1,106	18	912	30	892	31
65 +	302	2	312	1	337	2	253	5	267	3
Unknown	81	0	88	0	79	0	72	0	60	0
<b>Total</b>	<b>1,856</b>	<b>37</b>	<b>1,759</b>	<b>35</b>	<b>1,887</b>	<b>26</b>	<b>1,506</b>	<b>42</b>	<b>1,491</b>	<b>45</b>

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



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



**2021 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age**

Age Group	Drivers				BAC Result Range for Drivers Coded Drinking				
	Total Drivers in Alcohol-Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	BAC 0.01 g/dL to 0.07 g/dL	BAC 0.08 g/dL to 0.16 g/dL	BAC 0.17 g/dL and Above	BAC Not Reported
0 - 15	0	0	0	0	0	0	0	0	0
16 - 20	3	1	1	2	0	0	0	0	2
21 - 24	10	7	6	9	0	1	3	0	5
25 - 64	38	34	23	31	0	3	7	5	16
65 +	3	2	2	3	0	0	0	0	3
Unknown	2	0	0	0	0	0	0	0	0
<b>Total</b>	<b>56</b>	<b>44</b>	<b>32</b>	<b>45</b>	<b>0</b>	<b>4</b>	<b>10</b>	<b>5</b>	<b>26</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).

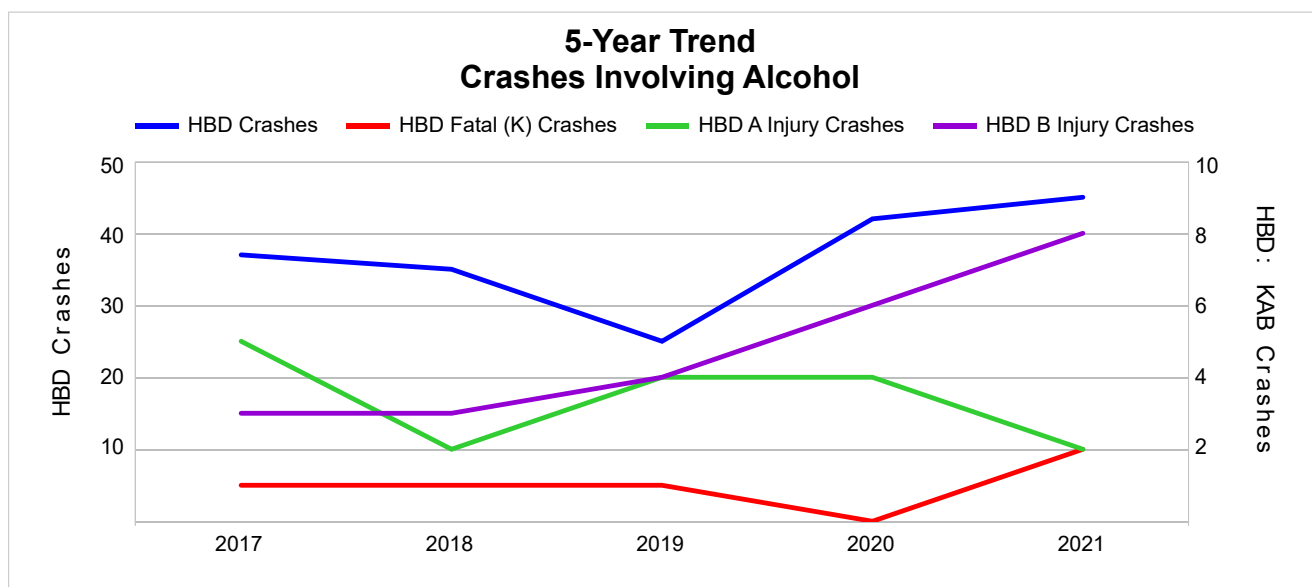
A driver may be coded by the officer as drinking even though no test is administered.

**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
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
2019	1,316	25	1.9	3	1	33.3	22	4	18.2	30	4	13.3
2020	1,087	42	3.9	1	0	0.0	24	4	16.7	42	6	14.3
2021	1,075 *	45 **	4.2 **	4	2 **	50.0 **	21	2	9.5	31	8 **	25.8 **

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.



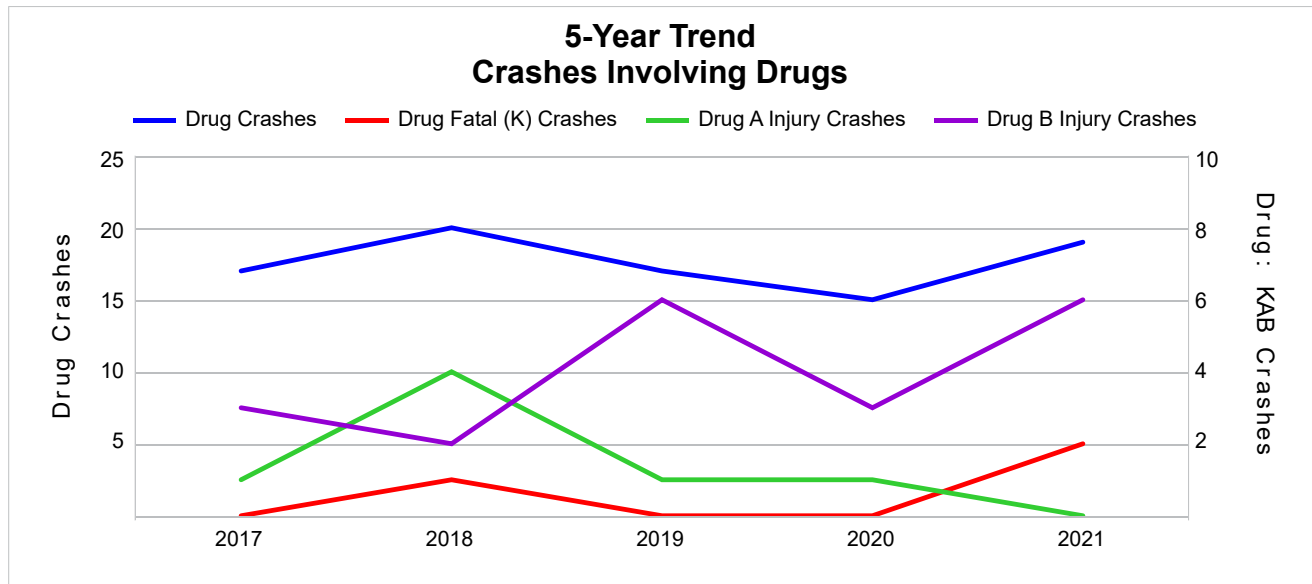
Note: Had-Been-Drinking (HBD)

## 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
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
2019	1,316	17	1.3	3	0	0.0	22	1	4.5	30	6	20.0
2020	1,087	15	1.4	1	0	0.0	24	1	4.2	42	3	7.1
2021	1,075 *	19	1.8 **	4	2 **	50.0 **	21	0 *	0.0 *	31	6	19.4

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.



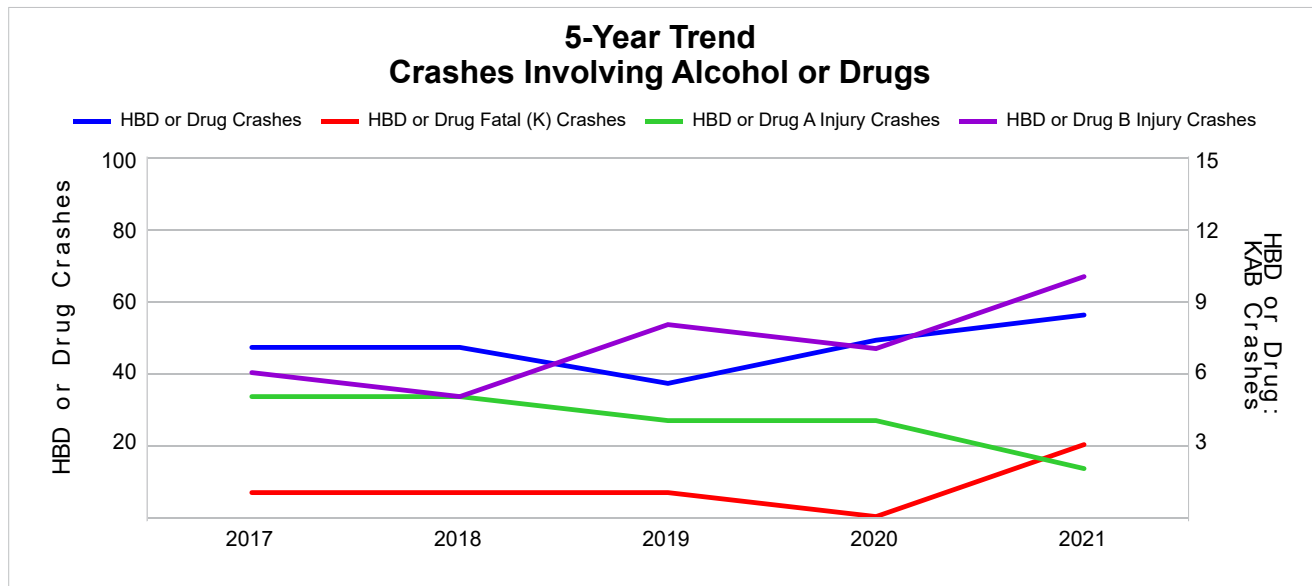


## 5-Year Trend - Crashes Involving Alcohol or Drugs

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
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
2019	1,316	37	2.8	3	1	33.3	22	4	18.2	30	8	26.7
2020	1,087	49	4.5	1	0	0.0	24	4	16.7	42	7	16.7
2021	1,075 *	56 **	5.2 **	4	3 **	75.0 **	21	2 *	9.5 *	31	10 **	32.3 **

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)

## 2021 - 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	1,036	819	79.1	2	0	0.0	17	14	82.4	19	14	73.7	75	64	85.3	895	727	81.2
Motor Home	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Pickup Truck	394	313	79.4	1	1	100.0	4	3	75.0	9	8	88.9	26	19	73.1	338	282	83.4
Small Truck Under 10,000 lbs. GVWR	7	2	28.6	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	6	2	33.3
Motorcycle	12	8	66.7	1	0	0.0	4	3	75.0	4	4	100.0	2	1	50.0	1	0	0.0
Moped/Goped	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Go-Cart/Golf Cart	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Snowmobile	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	10	6	60.0	0	0	0.0	2	1	50.0	1	0	0.0	4	3	75.0	3	2	66.7
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	4	2	50.0	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. GVWR/8+ occupants/hazmat placard)	47	35	74.5	0	0	0.0	0	0	0.0	0	0	0.0	3	1	33.3	43	34	79.1
Uncoded & Errors	23	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>1,534</b>	<b>1,186</b>	<b>77.3</b>	<b>4</b>	<b>1</b>	<b>25.0</b>	<b>27</b>	<b>21</b>	<b>77.8</b>	<b>33</b>	<b>26</b>	<b>78.8</b>	<b>111</b>	<b>88</b>	<b>79.3</b>	<b>1,290</b>	<b>1,050</b>	<b>81.4</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.

## 2021 - 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	10	71.4	0	0	0.0	1	1	100.0	2	1	50.0	7	6	85.7	4	2	50.0
16 - 20	163	135	82.8	0	0	0.0	2	2	100.0	3	3	100.0	14	12	85.7	144	118	81.9
21 - 24	106	85	80.2	0	0	0.0	3	3	100.0	3	2	66.7	10	5	50.0	89	75	84.3
25 - 64	915	732	80.0	4	1	25.0	16	11	68.8	19	14	73.7	54	44	81.5	814	662	81.3
65 +	276	224	81.2	0	0	0.0	5	4	80.0	6	6	100.0	26	21	80.8	239	193	80.8
Unknown	60	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>1,534</b>	<b>1,186</b>	<b>77.3</b>	<b>4</b>	<b>1</b>	<b>25.0</b>	<b>27</b>	<b>21</b>	<b>77.8</b>	<b>33</b>	<b>26</b>	<b>78.8</b>	<b>111</b>	<b>88</b>	<b>79.3</b>	<b>1,290</b>	<b>1,050</b>	<b>81.4</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	2017			2018			2019			2020			2021		
	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	2	0	0	0	0	0	5	0	0	1	0	0	7	0	2
Shoulder Belt Only Used	13	0	0	9	0	1	11	0	0	12	0	1	6	0	1
Lap Belt Only Used	3	0	0	1	0	0	4	0	0	1	0	0	1	0	0
Both Lap & Shoulder Belt Used	1,573	4	112	1,454	2	135	1,560	1	104	1,185	0	93	1,139	1	94
No Belts Used	11	2	7	6	0	2	9	1	2	13	0	8	11	1	2
Child Restraint Used - Forward Facing	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
Child Restraint Used - Rear Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Booster Seat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Failure	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Restraint Use Unknown	232	0	8	271	0	9	282	0	11	264	0	6	311	0	16
Helmet Worn	11	0	9	13	1	11	9	0	6	15	0	11	12	0	12
Helmet Not Worn	6	1	4	4	1	2	5	0	4	14	0	10	4	1	2
Helmet Use Unknown	3	1	1	1	0	0	2	1	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>1,856</b>	<b>8</b>	<b>141</b>	<b>1,759</b>	<b>4</b>	<b>160</b>	<b>1,887</b>	<b>3</b>	<b>127</b>	<b>1,506</b>	<b>0</b>	<b>129</b>	<b>1,491</b>	<b>3</b>	<b>129</b>

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

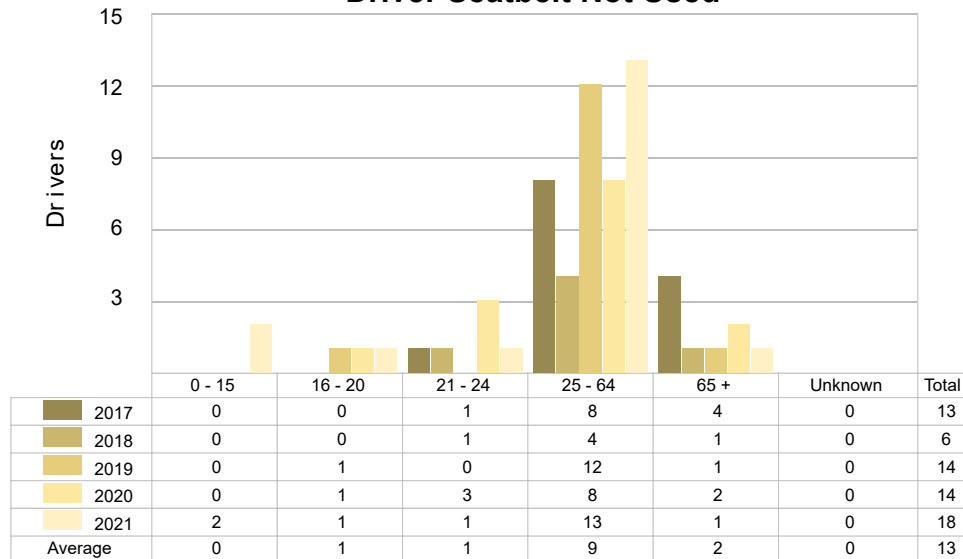
Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoulder Belt 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 Belt Used	21	0	2	20	1	2	14	0	3	24	0	8	29	1	11
No Belts Used	4	0	3	1	0	1	2	0	2	5	0	5	4	0	2
Child Restraint Used - Forward Facing	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
Child Restraint Used - Rear Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Booster Seat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Failure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Use Unknown	9	0	2	11	0	1	4	0	0	12	0	2	12	0	2
Helmet Worn	1	0	1	3	0	3	0	0	0	0	0	0	0	0	0
Helmet Not Worn	1	0	1	0	0	0	4	0	3	1	0	1	0	0	0
Helmet Use Unknown	1	1	0	0	0	0	2	1	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>37</b>	<b>1</b>	<b>9</b>	<b>35</b>	<b>1</b>	<b>7</b>	<b>26</b>	<b>1</b>	<b>8</b>	<b>42</b>	<b>0</b>	<b>16</b>	<b>45</b>	<b>1</b>	<b>15</b>

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

Age Group	2017			2018			2019			2020			2021		
	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	2	0	0
16 - 20	0	0	0	0	0	0	1	0	0	1	0	1	1	0	1
21 - 24	1	0	1	1	0	0	0	0	0	3	0	2	1	0	1
25 - 64	8	0	5	4	0	2	12	1	2	8	0	3	13	1	2
65 +	4	2	1	1	0	0	1	0	0	2	0	2	1	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>13</b>	<b>2</b>	<b>7</b>	<b>6</b>	<b>0</b>	<b>2</b>	<b>14</b>	<b>1</b>	<b>2</b>	<b>14</b>	<b>0</b>	<b>8</b>	<b>18</b>	<b>1</b>	<b>4</b>

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

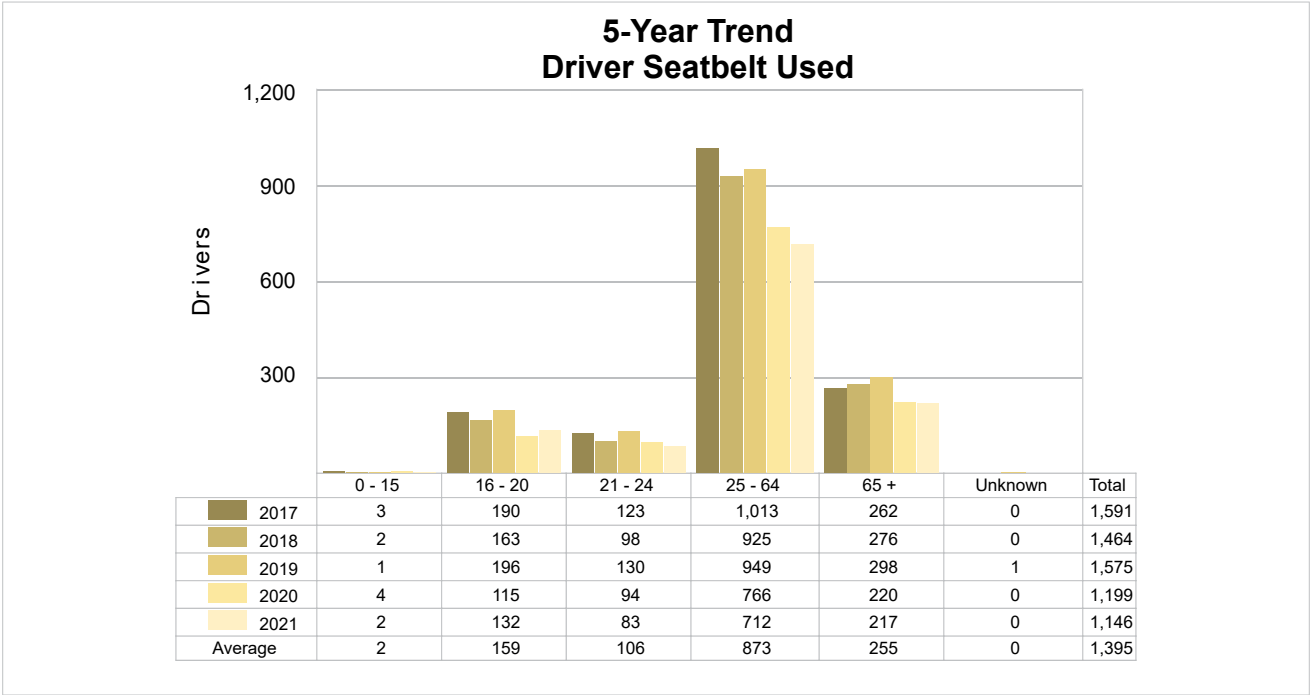
### 5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2017			2018			2019			2020			2021		
	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	1	2	0	0	1	0	0	4	0	0	2	0	0
16 - 20	190	0	21	163	0	20	196	0	20	115	0	13	132	0	14
21 - 24	123	1	4	98	1	10	130	0	6	94	0	8	83	0	8
25 - 64	1,013	2	71	925	1	73	949	1	58	766	0	49	712	1	49
65 +	262	1	15	276	0	33	298	0	20	220	0	24	217	0	24
Unknown	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Total	1,591	4	112	1,464	2	136	1,575	1	104	1,199	0	94	1,146	1	95

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	2017		2018		2019		2020		2021	
	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	1,154	6	1,110	3	1,183	1	929	1	931	3
Speed Too Fast	116	2	76	1	109	1	91	0	75	0
Speed Too Slow	1	0	0	0	1	0	1	0	0	0
Failed to Yield	134	3	141	0	167	0	108	0	123	0
Disregard Traffic Control	15	0	26	0	35	0	23	0	24	0
Drove Wrong Way	1	0	1	1	0	0	0	0	0	0
Drove Left of Center	8	0	12	1	13	1	7	0	6	1
Improper Passing	6	0	3	0	5	0	4	0	6	0
Improper Lane Use	24	0	32	0	21	0	16	0	19	0
Improper Turn	18	0	8	0	15	0	12	0	14	0
Improper/No Signal	3	0	4	0	2	0	3	0	3	0
Improper Backing	31	0	43	0	43	0	34	0	42	0
Unable to Stop in Assured Clear Distance	154	2	135	0	128	0	101	0	90	0
Other	42	0	28	0	55	0	54	0	36	0
Unknown	37	1	46	1	48	1	40	0	57	1
Reckless Driving	7	0	8	0	3	0	10	0	8	0
Careless/Negligent Driving	105	0	86	0	59	0	73	0	57	1
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,856</b>	<b>14</b>	<b>1,759</b>	<b>7</b>	<b>1,887</b>	<b>4</b>	<b>1,506</b>	<b>1</b>	<b>1,491</b>	<b>6</b>

## Office of Highway Safety Planning

---

Physical Address:  
7150 Harris Drive  
Dimondale, Michigan 48821

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

Find us on the web:  
[MichiganTrafficCrashFacts.org](http://MichiganTrafficCrashFacts.org)  
[mtcf-info@umich.edu](mailto:mtcf-info@umich.edu)

