



2021

**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

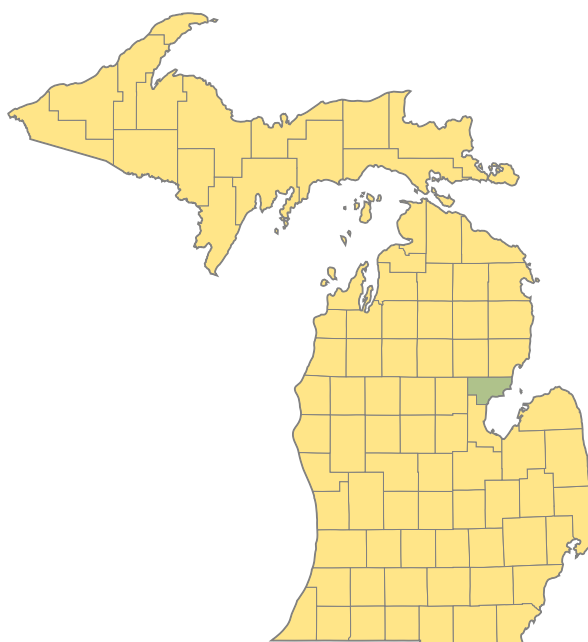
O = No Injury

Property Damage Only (PDO)



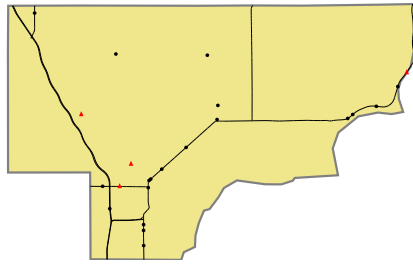
## Arenac County

### 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 (19/19)

### 2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	49	0	7	42	0	10
February	42	1	3	38	1	7
March	43	0	6	37	0	9
April	17	0	3	14	0	3
May	60	0	11	49	0	14
June	57	0	7	50	0	9
July	64	1	8	55	1	16
August	51	0	7	44	0	11
September	70	1	9	60	1	13
October	93	1	12	80	1	14
November	85	0	4	81	0	5
December	80	0	13	67	0	18
<b>Total</b>	<b>711</b>	<b>4</b>	<b>90</b>	<b>617</b>	<b>4</b>	<b>129</b>

### 2021 - Driver Statistics

Age Group	Arenac County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	2,346	65	2	8.5	307.7
16 - 20	698	614	74	1,060.2	1,205.2
21 - 24	551	531	62	1,125.2	1,167.6
25 - 64	7,448	6,926	583	782.8	841.8
65 +	3,840	4,005	143	372.4	357.1
Unknown	0	0	15	--	--
<b>Total</b>	<b>14,883</b>	<b>12,141</b>	<b>879</b>	<b>590.6</b>	<b>724.0</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	644	73.3	5	62.5	91	548
Motor Home	1	0.1	0	0.0	0	1
Pickup Truck	197	22.4	3	37.5	33	161
Small Truck Under 10,000 lbs. GVWR	5	0.6	0	0.0	1	4
Motorcycle	5	0.6	0	0.0	5	0
Moped/Goped	0	0.0	0	0.0	0	0
Go-Cart/Golf Cart	1	0.1	0	0.0	0	1
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	1	0.1	0	0.0	1	0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	5	0.6	0	0.0	0	5
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	17	1.9	0	0.0	4	13
Uncoded & Errors	3	0.3	0	0.0	0	3
<b>Total</b>	<b>879</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>	<b>135</b>	<b>736</b>

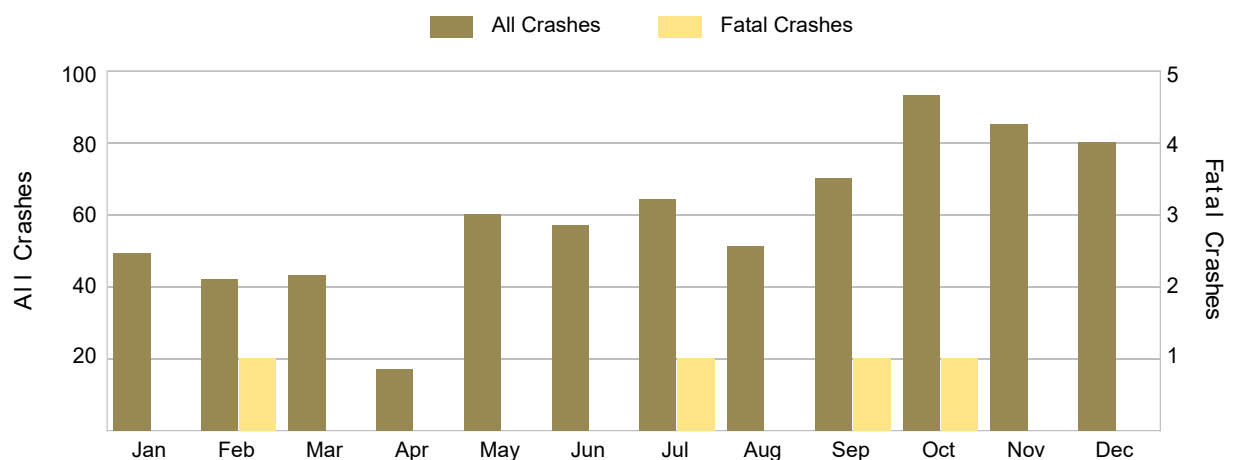
## 5-Year Trend - Crashes by Month

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	58	0	75	0	45	0	57	0	49	0
February	45	0	75	0	52	0	61	0	42	1
March	43	0	71	0	52	0	45	0	43	0
April	46	2	65	0	47	0	27	0	17	0
May	53	0	49	1	63	1	30	0	60	0
June	64	2	54	0	71	0	83	1	57	0
July	67	1	65	0	66	2	62	0	64	1
August	47	0	39	1	55	1	55	0	51	0
September	50	0	45	0	52	0	65	1	70	1
October	86	1	78	0	74	0	83	1	93	1
November	107	0	108	0	140	0	92	1	85	0
December	71	0	46	0	77	1	71	1	80	0
<b>Total</b>	<b>737</b>	<b>6</b>	<b>770</b>	<b>2</b>	<b>794</b>	<b>5</b>	<b>731</b>	<b>5</b>	<b>711</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	112	0	88	0	115	2	108	0	90	1
Tuesday	94	1	108	1	107	0	105	0	111	0
Wednesday	99	1	113	0	118	0	88	0	82	0
Thursday	114	2	127	0	104	1	91	1	92	0
Friday	104	0	125	0	129	0	107	0	146	0
Saturday	100	0	88	0	116	2	116	2	103	1
Sunday	114	2	121	1	105	0	116	2	87	2
<b>Total</b>	<b>737</b>	<b>6</b>	<b>770</b>	<b>2</b>	<b>794</b>	<b>5</b>	<b>731</b>	<b>5</b>	<b>711</b>	<b>4</b>

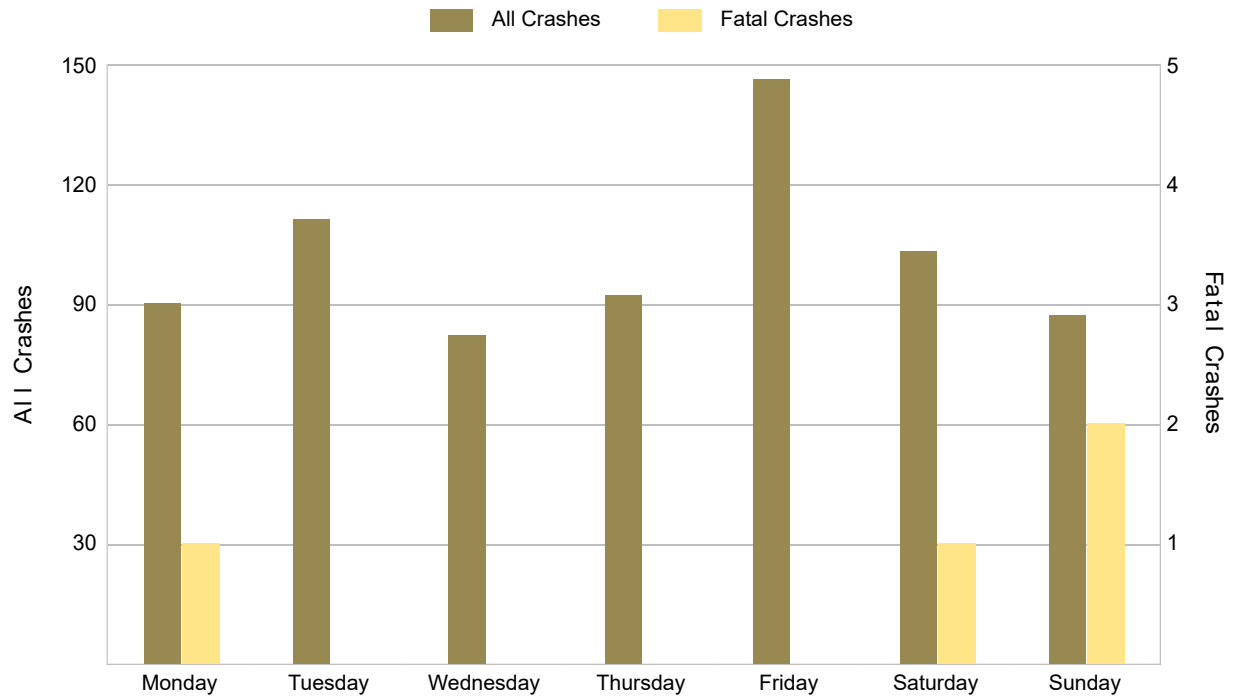
## 2021 Crashes by Month



## 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	90	12.7	1	25.0	1	2	5	81
Tuesday	111	15.6	0	0.0	1	3	9	98
Wednesday	82	11.5	0	0.0	1	3	2	76
Thursday	92	12.9	0	0.0	5	2	4	81
Friday	146	20.5	0	0.0	5	5	13	123
Saturday	103	14.5	1	25.0	2	2	8	90
Sunday	87	12.2	2	50.0	4	3	10	68
<b>Total</b>	<b>711</b>	<b>100.0</b>	<b>4</b>	<b>100.0</b>	<b>19</b>	<b>20</b>	<b>51</b>	<b>617</b>

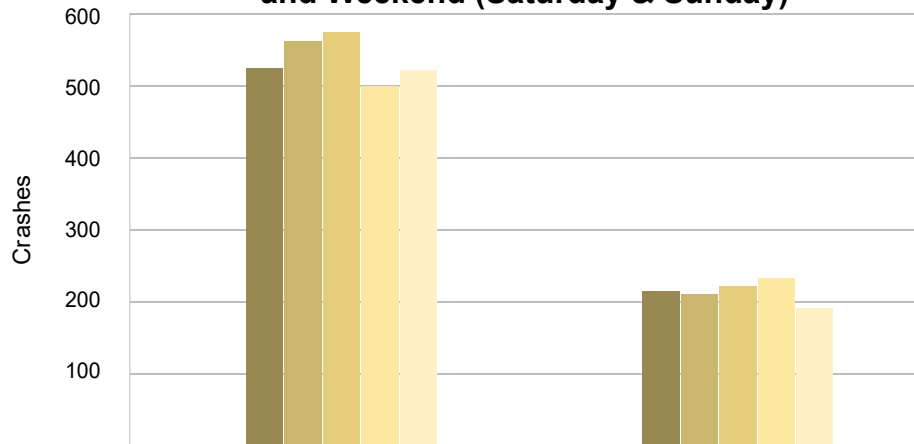
## 2021 Day of Week and Severity



## 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	523	4	561	1	573	3	499	1	521	1
Weekend	214	2	209	1	221	2	232	4	190	3
<b>Total</b>	<b>737</b>	<b>6</b>	<b>770</b>	<b>2</b>	<b>794</b>	<b>5</b>	<b>731</b>	<b>5</b>	<b>711</b>	<b>4</b>

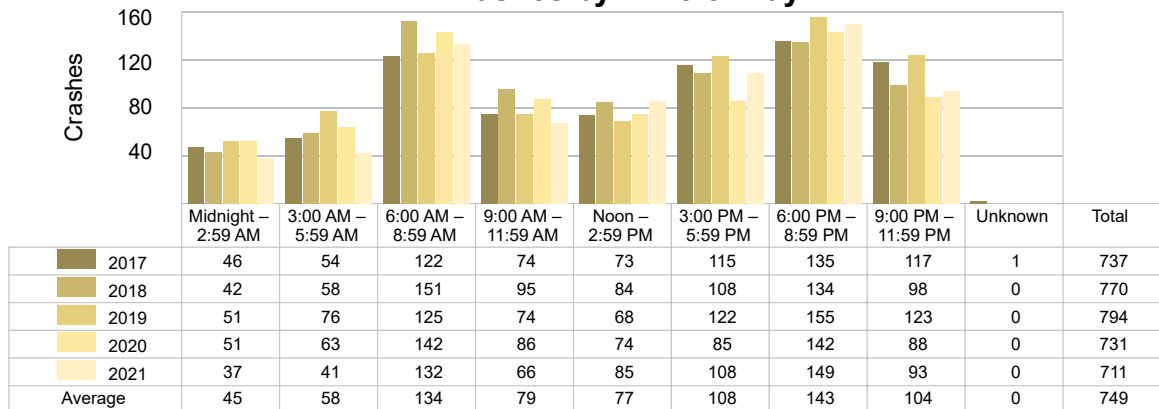
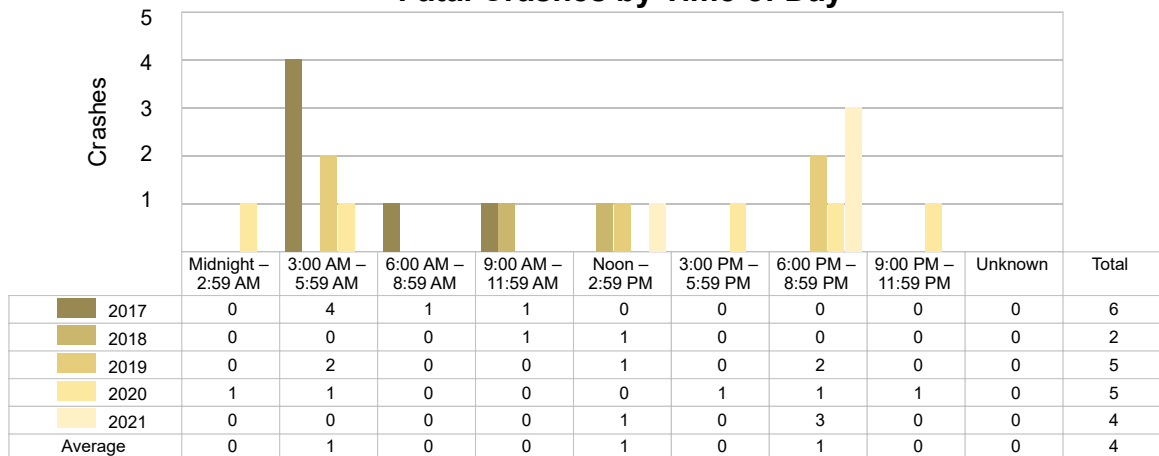
## 5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



	Weekday	Weekend	Total
2017	523	214	737
2018	561	209	770
2019	573	221	794
2020	499	232	731
2021	521	190	711
Average	535	213	749

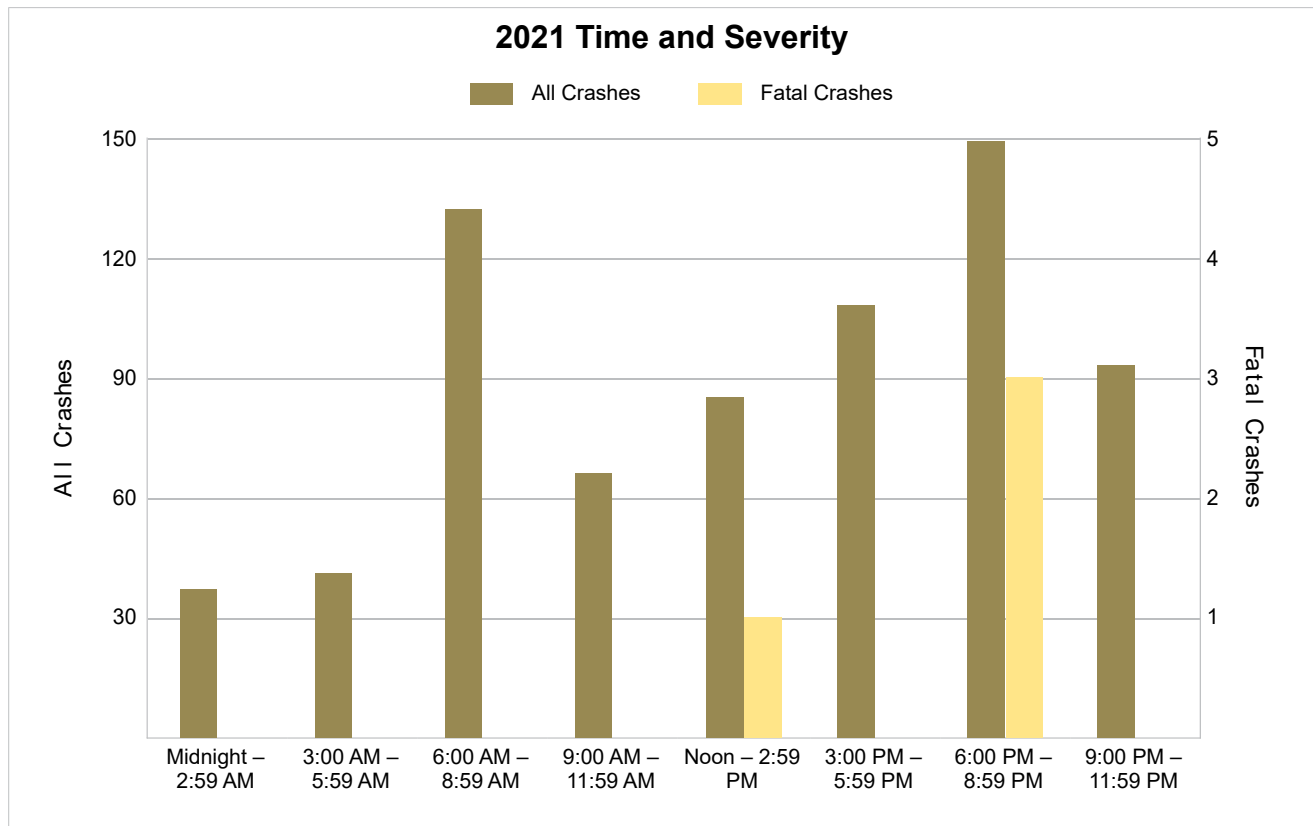
## 5-Year Trend - Crashes by Time of Day

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	46	0	42	0	51	0	51	1	37	0
3:00 AM – 5:59 AM	54	4	58	0	76	2	63	1	41	0
6:00 AM – 8:59 AM	122	1	151	0	125	0	142	0	132	0
9:00 AM – 11:59 AM	74	1	95	1	74	0	86	0	66	0
Noon – 2:59 PM	73	0	84	1	68	1	74	0	85	1
3:00 PM – 5:59 PM	115	0	108	0	122	0	85	1	108	0
6:00 PM – 8:59 PM	135	0	134	0	155	2	142	1	149	3
9:00 PM – 11:59 PM	117	0	98	0	123	0	88	1	93	0
Unknown	1	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>737</b>	<b>6</b>	<b>770</b>	<b>2</b>	<b>794</b>	<b>5</b>	<b>731</b>	<b>5</b>	<b>711</b>	<b>4</b>

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

## 2021 - Time and Severity

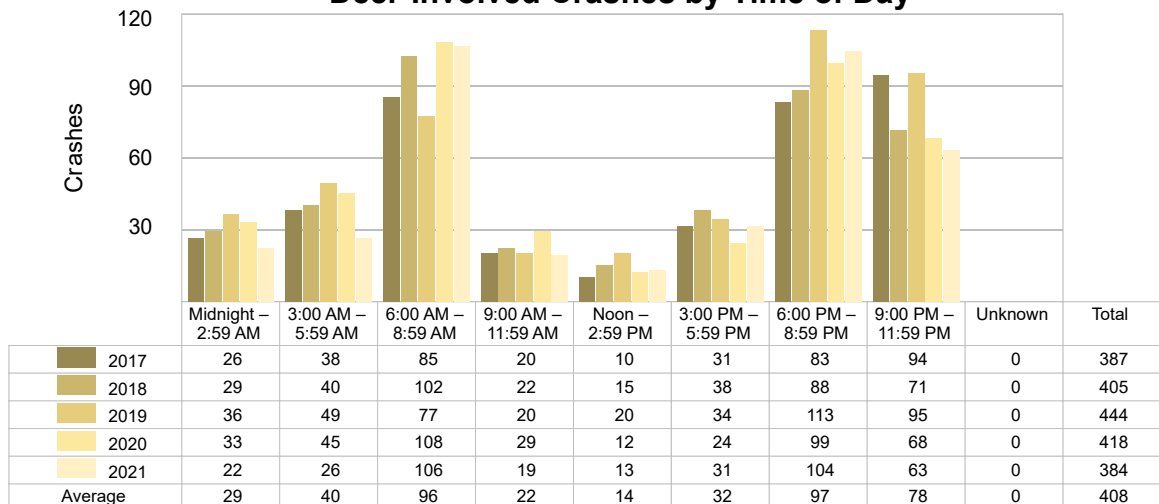
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	37	5.2	0	0.0	3	0	1	33
3:00 AM – 5:59 AM	41	5.8	0	0.0	3	2	0	36
6:00 AM – 8:59 AM	132	18.6	0	0.0	1	0	8	123
9:00 AM – 11:59 AM	66	9.3	0	0.0	2	2	3	59
Noon – 2:59 PM	85	12.0	1	25.0	3	3	15	63
3:00 PM – 5:59 PM	108	15.2	0	0.0	2	9	13	84
6:00 PM – 8:59 PM	149	21.0	3	75.0	4	4	6	132
9:00 PM – 11:59 PM	93	13.1	0	0.0	1	0	5	87
Unknown	0	0.0	0	0.0	0	0	0	0
<b>Total</b>	<b>711</b>	<b>100.0</b>	<b>4</b>	<b>100.0</b>	<b>19</b>	<b>20</b>	<b>51</b>	<b>617</b>



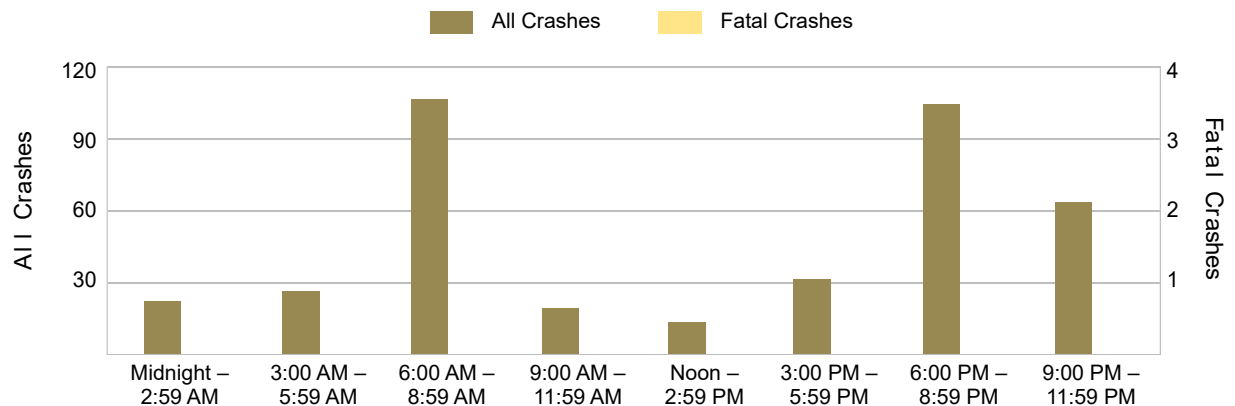
## 5-Year Trend - Deer-Involved Crashes by Time of Day

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	26	0	29	0	36	0	33	0	22	0
3:00 AM – 5:59 AM	38	0	40	0	49	0	45	0	26	0
6:00 AM – 8:59 AM	85	0	102	0	77	0	108	0	106	0
9:00 AM – 11:59 AM	20	0	22	0	20	0	29	0	19	0
Noon – 2:59 PM	10	0	15	0	20	0	12	0	13	0
3:00 PM – 5:59 PM	31	0	38	0	34	0	24	0	31	0
6:00 PM – 8:59 PM	83	0	88	0	113	0	99	0	104	0
9:00 PM – 11:59 PM	94	0	71	0	95	0	68	1	63	0
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>387</b>	<b>0</b>	<b>405</b>	<b>0</b>	<b>444</b>	<b>0</b>	<b>418</b>	<b>1</b>	<b>384</b>	<b>0</b>

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



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



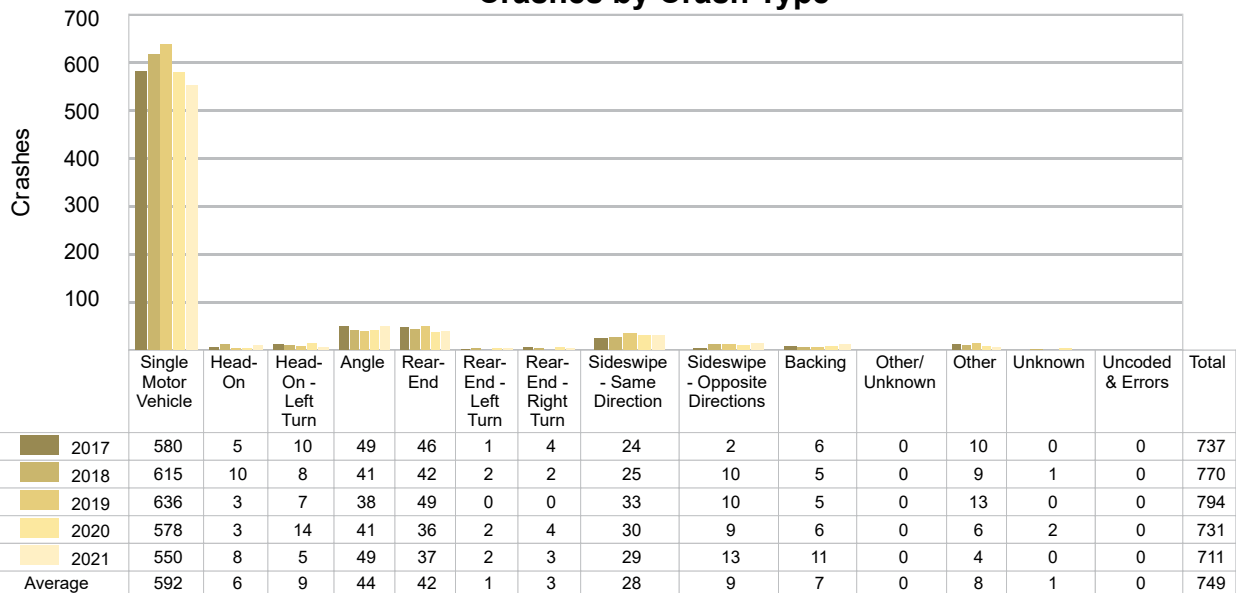
There were no fatal deer-involved crashes in Arenac County in 2021.



## 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	580	5	615	0	636	3	578	4	550	1
Head-On	5	0	10	1	3	2	3	1	8	1
Head-On - Left Turn	10	0	8	1	7	0	14	0	5	0
Angle	49	0	41	0	38	0	41	0	49	0
Rear-End	46	1	42	0	49	0	36	0	37	1
Rear-End - Left Turn	1	0	2	0	0	0	2	0	2	0
Rear-End - Right Turn	4	0	2	0	0	0	4	0	3	0
Sideswipe - Same Direction	24	0	25	0	33	0	30	0	29	0
Sideswipe - Opposite Directions	2	0	10	0	10	0	9	0	13	1
Backing	6	0	5	0	5	0	6	0	11	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	10	0	9	0	13	0	6	0	4	0
Unknown	0	0	1	0	0	0	2	0	0	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>737</b>	<b>6</b>	<b>770</b>	<b>2</b>	<b>794</b>	<b>5</b>	<b>731</b>	<b>5</b>	<b>711</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	0	0	0	0
February	0	0	0	0	1	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	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	1	0	0	0
August	0	0	0	0	1	1	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0
November	0	0	1	0	0	0	0	0	0	0
December	0	0	0	0	1	1	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>

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	0	0	0	0	0	0	0	0
June	1	1	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0
August	1	0	0	0	0	0	0	0	0	0
September	0	0	1	0	0	0	0	0	0	0
October	1	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0
Total	3	1	1	0	0	0	0	0	0	0

## 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
Adams Twp.	41	1	5	35	29	0	0	12	1	0	16	0	0
Arenac Twp.	51	0	5	46	0	15	0	36	6	3	28	0	0
Au Gres	10	0	5	5	0	6	0	4	0	1	2	0	0
Au Gres Twp.	42	0	3	39	0	23	2	17	2	2	31	0	0
Clayton Twp.	52	0	7	45	0	0	0	52	1	2	34	0	0
Deep River Twp.	75	1	8	66	6	3	0	66	5	3	38	0	0
Lincoln Twp.	98	1	9	88	34	25	15	24	4	3	46	0	0
Mason Twp.	29	0	4	25	0	0	0	29	2	2	21	0	0
Moffatt Twp.	57	0	9	48	25	0	10	22	1	1	25	0	0
Omer	11	0	1	10	0	8	0	3	1	0	3	0	0
Sims Twp.	45	0	9	36	0	40	0	5	1	0	35	0	0
Standish	40	0	10	30	0	24	7	9	2	1	4	0	0
Standish Twp.	91	0	11	80	0	3	32	56	6	2	52	0	0
Sterling	0	0	0	0	0	0	0	0	0	0	0	0	0
Turner	0	0	0	0	0	0	0	0	0	0	0	0	0
Turner Twp.	41	0	2	39	0	0	12	29	0	0	30	0	0
Twining	0	0	0	0	0	0	0	0	0	0	0	0	0
Whitney Twp.	28	1	2	25	0	16	0	12	0	0	19	0	0
<b>Total</b>	<b>711</b>	<b>4</b>	<b>90</b>	<b>617</b>	<b>94</b>	<b>163</b>	<b>78</b>	<b>376</b>	<b>32</b>	<b>20</b>	<b>384</b>	<b>0</b>	<b>0</b>

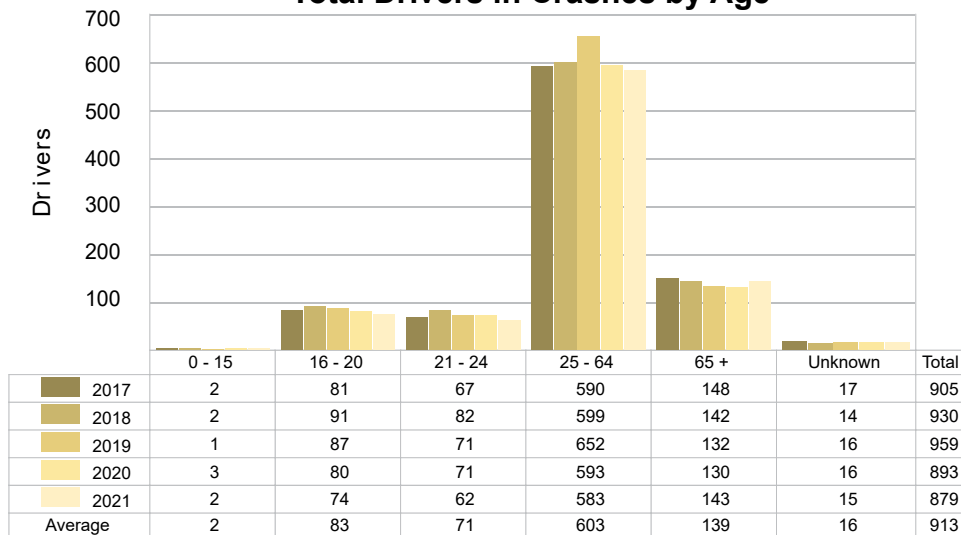
## 2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Adams Twp.	1	0	2	7	40	0
Arenac Twp.	0	3	5	1	58	1
Au Gres	0	0	0	13	16	0
Au Gres Twp.	0	0	1	7	48	0
Clayton Twp.	0	1	1	6	54	0
Deep River Twp.	1	2	0	11	86	1
Lincoln Twp.	1	4	0	14	125	3
Mason Twp.	0	6	1	3	31	1
Moffatt Twp.	0	3	7	12	68	1
Omer	0	1	0	0	14	1
Sims Twp.	0	9	1	7	44	0
Standish	0	5	8	10	68	3
Standish Twp.	0	11	9	4	114	2
Sterling	0	0	0	0	0	0
Turner	0	0	0	0	0	0
Turner Twp.	0	0	7	4	53	1
Twining	0	0	0	0	0	0
Whitney Twp.	1	0	7	0	30	1
<b>Total</b>	<b>4</b>	<b>45</b>	<b>49</b>	<b>99</b>	<b>849</b>	<b>15</b>

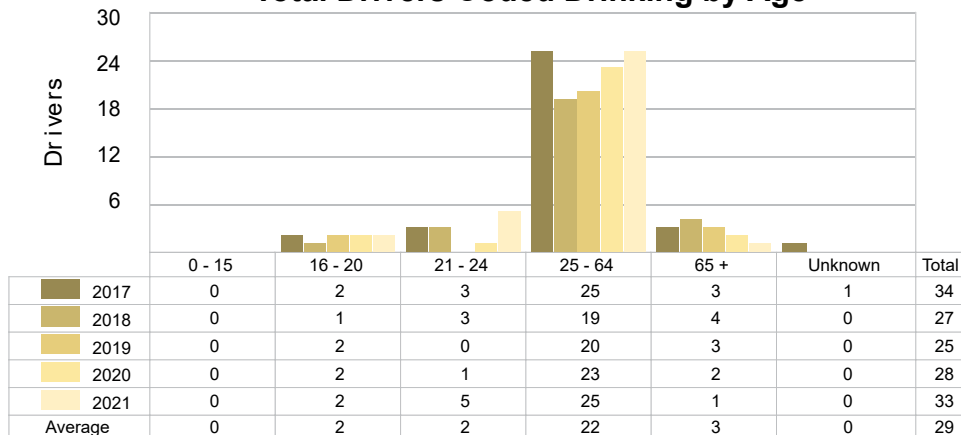
## 5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	2	0	2	0	1	0	3	0	2	0
16 - 20	81	2	91	1	87	2	80	2	74	2
21 - 24	67	3	82	3	71	0	71	1	62	5
25 - 64	590	25	599	19	652	20	593	23	583	25
65 +	148	3	142	4	132	3	130	2	143	1
Unknown	17	1	14	0	16	0	16	0	15	0
<b>Total</b>	<b>905</b>	<b>34</b>	<b>930</b>	<b>27</b>	<b>959</b>	<b>25</b>	<b>893</b>	<b>28</b>	<b>879</b>	<b>33</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	2	3	2	2	0	0	2	0	0
21 - 24	5	4	4	5	0	0	3	1	1
25 - 64	29	20	17	25	0	0	6	9	10
65 +	2	0	0	1	0	0	0	0	1
Unknown	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>38</b>	<b>27</b>	<b>23</b>	<b>33</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>10</b>	<b>12</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).

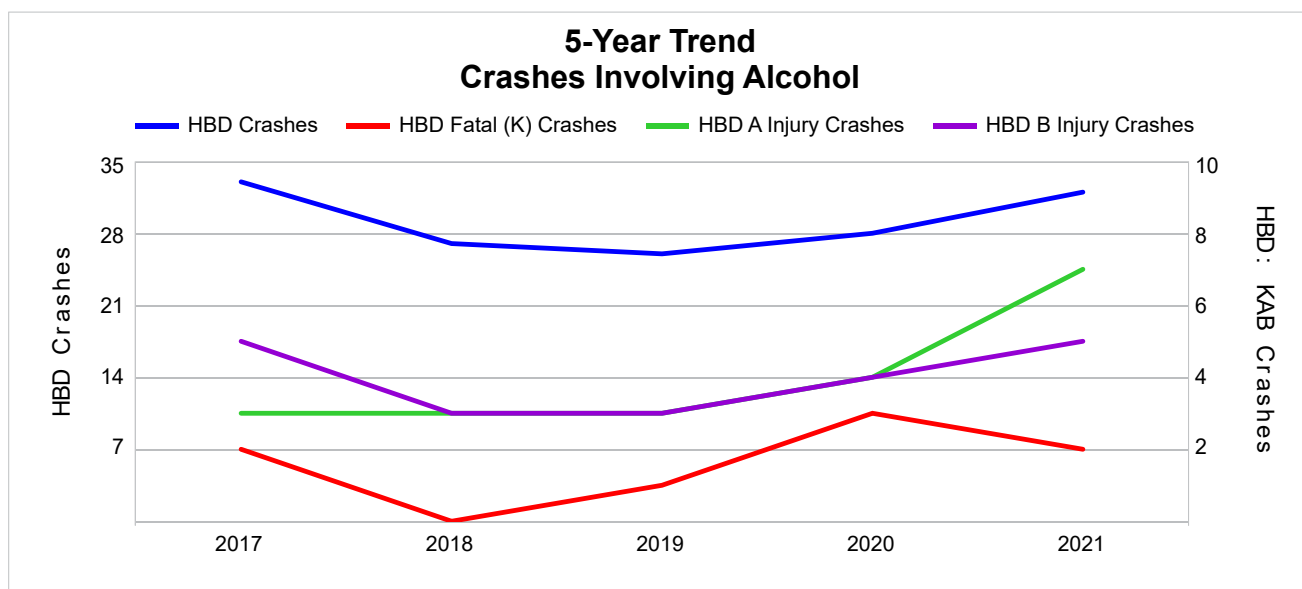
A driver may be coded by the officer as drinking even though no test is administered.

## 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	737	33	4.5	6	2	33.3	13	3	23.1	35	5	14.3
2018	770	27	3.5	2	0	0.0	13	3	23.1	32	3	9.4
2019	794	26	3.3	5	1	20.0	19	3	15.8	36	3	8.3
2020	731	28	3.8	5	3	60.0	14	4	28.6	38	4	10.5
2021	711 *	32	4.5 **	4	2	50.0	19	7 **	36.8 **	20 *	5	25.0 **

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.



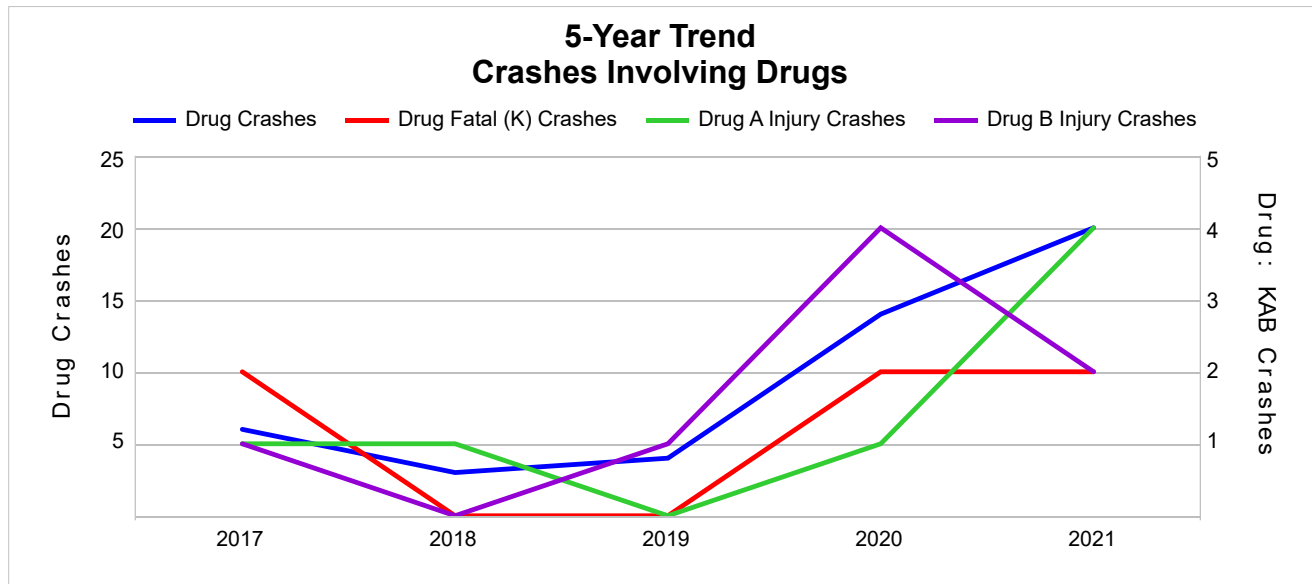
Note: Had-Been-Drinking (HBD)

## 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
2017	737	6	0.8	6	2	33.3	13	1	7.7	35	1	2.9
2018	770	3	0.4	2	0	0.0	13	1	7.7	32	0	0.0
2019	794	4	0.5	5	0	0.0	19	0	0.0	36	1	2.8
2020	731	14	1.9	5	2	40.0	14	1	7.1	38	4	10.5
2021	711 *	20 **	2.8 **	4	2	50.0 **	19	4 **	21.1 **	20 *	2	10.0

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.



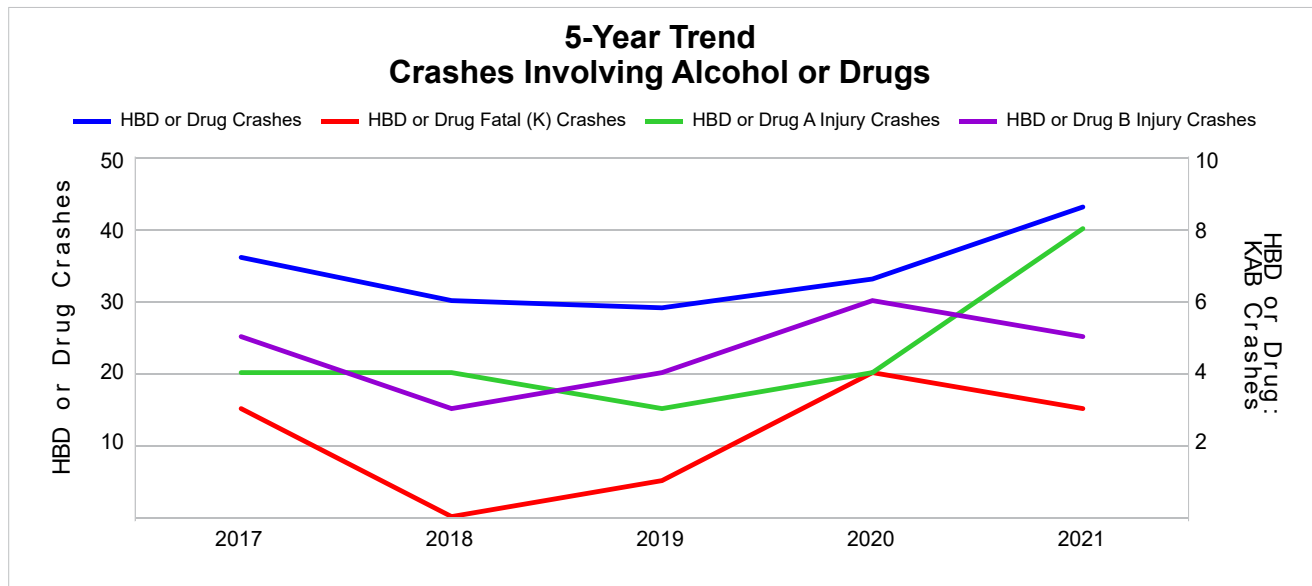


## 5-Year Trend - Crashes Involving Alcohol or Drugs

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	737	36	4.9	6	3	50.0	13	4	30.8	35	5	14.3
2018	770	30	3.9	2	0	0.0	13	4	30.8	32	3	9.4
2019	794	29	3.7	5	1	20.0	19	3	15.8	36	4	11.1
2020	731	33	4.5	5	4	80.0	14	4	28.6	38	6	15.8
2021	711 *	43 **	6.0 **	4	3	75.0	19	8 **	42.1 **	20 *	5	25.0 **

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)

## 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	669	643	96.1	3	1	33.3	17	13	76.5	22	19	86.4	46	42	91.3	575	568	98.8
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	212	194	91.5	1	0	0.0	10	6	60.0	4	4	100.0	22	18	81.8	170	166	97.6
Small Truck Under 10,000 lbs. GVWR	5	4	80.0	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	4	4	100.0
Motorcycle	5	3	60.0	0	0	0.0	0	0	0.0	1	1	100.0	4	2	50.0	0	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	1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	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)	1	1	100.0	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	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. GVWR/8+ occupants/hazmat placard)	17	17	100.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	16	16	100.0
Uncoded & Errors	3	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>919</b>	<b>866</b>	<b>94.2</b>	<b>4</b>	<b>1</b>	<b>25.0</b>	<b>27</b>	<b>19</b>	<b>70.4</b>	<b>29</b>	<b>25</b>	<b>86.2</b>	<b>73</b>	<b>63</b>	<b>86.3</b>	<b>771</b>	<b>758</b>	<b>98.3</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	13	92.9	2	1	50.0	2	2	100.0	5	5	100.0	3	3	100.0	2	2	100.0
16 - 20	80	72	90.0	1	0	0.0	3	1	33.3	2	2	100.0	6	3	50.0	68	66	97.1
21 - 24	66	63	95.5	0	0	0.0	3	3	100.0	2	2	100.0	9	7	77.8	51	51	100.0
25 - 64	598	573	95.8	1	0	0.0	15	9	60.0	17	13	76.5	45	40	88.9	520	511	98.3
65 +	146	145	99.3	0	0	0.0	4	4	100.0	3	3	100.0	10	10	100.0	129	128	99.2
Unknown	15	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
<b>Total</b>	<b>919</b>	<b>866</b>	<b>94.2</b>	<b>4</b>	<b>1</b>	<b>25.0</b>	<b>27</b>	<b>19</b>	<b>70.4</b>	<b>29</b>	<b>25</b>	<b>86.2</b>	<b>73</b>	<b>63</b>	<b>86.3</b>	<b>771</b>	<b>758</b>	<b>98.3</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	4	0	0	9	0	5	3	0	1	1	0	0	5	0	2
Shoulder Belt Only Used	4	0	0	4	0	1	4	0	1	4	0	0	3	0	0
Lap Belt Only Used	1	0	0	0	0	0	1	0	0	5	0	1	2	0	0
Both Lap & Shoulder Belt Used	845	2	81	875	0	95	909	2	90	835	2	82	826	0	73
No Belts Used	12	1	7	8	0	2	9	0	6	12	2	5	14	2	8
Child Restraint Used - Forward Facing	0	0	0	1	0	1	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	13	1	2	8	1	1	15	1	1	27	0	2	24	0	3
Helmet Worn	4	0	3	3	0	1	3	1	2	4	0	4	3	0	3
Helmet Not Worn	5	0	5	2	0	2	4	0	3	1	0	1	1	0	1
Helmet Use Unknown	0	0	0	0	0	0	2	0	2	4	0	2	1	0	1
Uncoded & Errors	17	0	0	20	0	0	9	0	0	0	0	0	0	0	0
<b>Total</b>	<b>905</b>	<b>4</b>	<b>98</b>	<b>930</b>	<b>1</b>	<b>108</b>	<b>959</b>	<b>4</b>	<b>106</b>	<b>893</b>	<b>4</b>	<b>97</b>	<b>879</b>	<b>2</b>	<b>91</b>

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

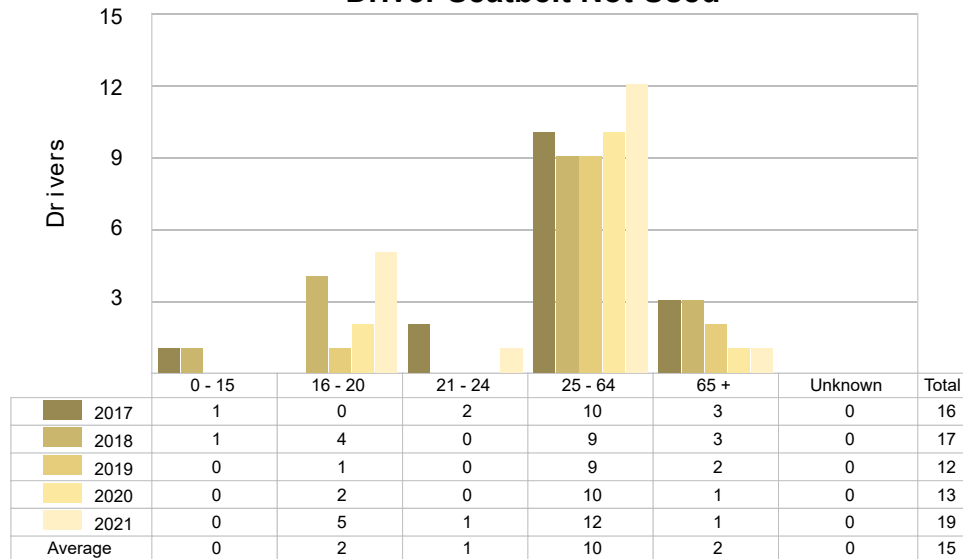
Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoulder Belt 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	1	0	0	0	0	0
Both Lap & Shoulder Belt Used	19	0	7	24	0	8	18	0	7	18	0	5	22	0	11
No Belts Used	4	1	3	1	0	0	1	0	1	5	2	2	8	0	5
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	8	1	1	1	0	0	4	0	0	4	0	1	3	0	1
Helmet Worn	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0
Helmet Not Worn	2	0	2	0	0	0	1	0	1	0	0	0	0	0	0
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>34</b>	<b>2</b>	<b>13</b>	<b>27</b>	<b>0</b>	<b>8</b>	<b>25</b>	<b>0</b>	<b>10</b>	<b>28</b>	<b>2</b>	<b>8</b>	<b>33</b>	<b>0</b>	<b>17</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	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0
16 - 20	0	0	0	4	0	1	1	0	1	2	0	1	5	1	2
21 - 24	2	1	1	0	0	0	0	0	0	0	0	0	1	0	1
25 - 64	10	0	4	9	0	3	9	0	6	10	1	4	12	1	7
65 +	3	0	2	3	0	2	2	0	0	1	1	0	1	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>16</b>	<b>1</b>	<b>7</b>	<b>17</b>	<b>0</b>	<b>7</b>	<b>12</b>	<b>0</b>	<b>7</b>	<b>13</b>	<b>2</b>	<b>5</b>	<b>19</b>	<b>2</b>	<b>10</b>

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

### 5-Year Trend Driver Seatbelt Not Used

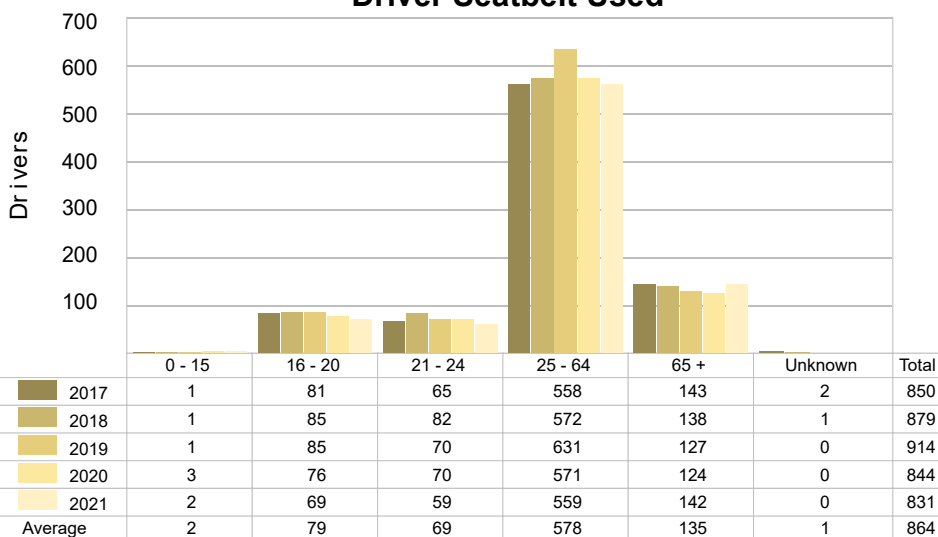


## 5-Year Trend - Seatbelt Used Among Drivers by Age

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	1	0	0	1	0	1	1	0	1	3	0	1	2	0	0
16 - 20	81	0	13	85	0	12	85	0	13	76	0	7	69	0	3
21 - 24	65	1	6	82	0	9	70	0	6	70	0	5	59	0	8
25 - 64	558	0	50	572	0	53	631	1	60	571	2	56	559	0	48
65 +	143	1	12	138	0	21	127	1	11	124	0	14	142	0	14
Unknown	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>850</b>	<b>2</b>	<b>81</b>	<b>879</b>	<b>0</b>	<b>96</b>	<b>914</b>	<b>2</b>	<b>91</b>	<b>844</b>	<b>2</b>	<b>83</b>	<b>831</b>	<b>0</b>	<b>73</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	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	563	3	590	1	644	4	595	2	568	4
Speed Too Fast	85	2	131	1	115	0	88	1	87	0
Speed Too Slow	0	0	2	0	2	0	2	0	2	0
Failed to Yield	59	0	52	0	54	0	62	0	65	0
Disregard Traffic Control	5	0	2	0	1	0	6	0	4	0
Drove Wrong Way	0	0	1	0	1	0	0	0	2	0
Drove Left of Center	2	0	6	2	3	0	5	0	8	1
Improper Passing	4	0	3	0	7	0	1	0	7	0
Improper Lane Use	10	0	11	0	7	1	11	1	9	1
Improper Turn	5	0	3	0	5	0	2	0	2	0
Improper/No Signal	2	0	0	0	0	0	1	0	0	0
Improper Backing	6	0	4	0	3	0	5	0	6	0
Unable to Stop in Assured Clear Distance	51	1	43	0	35	0	37	0	38	1
Other	18	1	16	0	23	0	12	0	20	1
Unknown	11	1	10	0	23	0	24	0	24	0
Reckless Driving	4	0	4	0	3	0	8	1	5	0
Careless/Negligent Driving	35	0	31	0	30	2	34	1	32	0
Uncoded & Errors	45	1	21	0	3	0	0	0	0	0
<b>Total</b>	<b>905</b>	<b>9</b>	<b>930</b>	<b>4</b>	<b>959</b>	<b>7</b>	<b>893</b>	<b>6</b>	<b>879</b>	<b>8</b>

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