



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

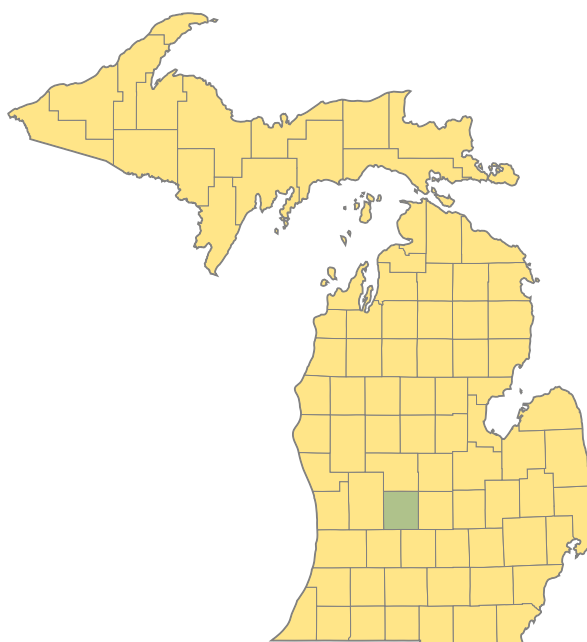
O = No Injury

Property Damage Only (PDO)



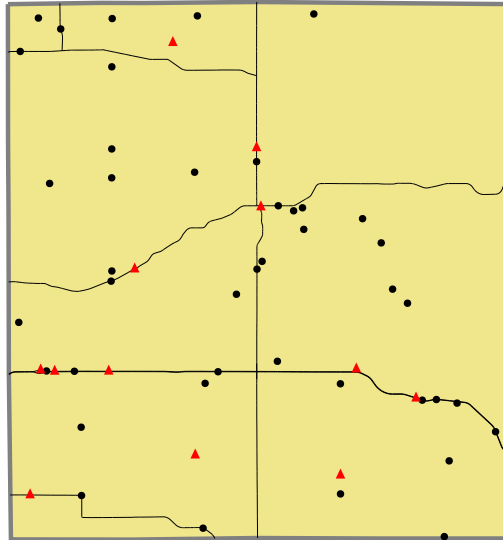
## Ionia County

### 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 (12/12)

● A - Suspected Serious (42/42)

### 2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	150	2	18	130	2	21
February	166	0	14	152	0	19
March	93	0	13	80	0	18
April	91	0	22	69	0	29
May	120	1	20	99	1	26
June	143	1	34	108	1	41
July	138	1	25	112	1	36
August	121	3	26	92	3	40
September	139	0	31	108	0	46
October	173	0	21	152	0	29
November	207	1	18	188	1	21
December	199	3	28	168	4	33
<b>Total</b>	<b>1,740</b>	<b>12</b>	<b>270</b>	<b>1,458</b>	<b>13</b>	<b>359</b>

### 2021 - Driver Statistics

Age Group	Ionia County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	12,583	370	5	4.0	135.1
16 - 20	3,941	2,979	286	725.7	960.1
21 - 24	3,617	2,737	257	710.5	939.0
25 - 64	34,712	29,218	1,570	452.3	537.3
65 +	9,844	9,856	228	231.6	231.3
Unknown	0	0	134	--	--
<b>Total</b>	<b>64,697</b>	<b>45,160</b>	<b>2,480</b>	<b>383.3</b>	<b>549.2</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	1,829	73.8	11	64.7	310	1,508
Motor Home	4	0.2	0	0.0	1	3
Pickup Truck	404	16.3	2	11.8	55	347
Small Truck Under 10,000 lbs. GVWR	14	0.6	0	0.0	2	12
Motorcycle	39	1.6	2	11.8	32	5
Moped/Goped	2	0.1	0	0.0	1	1
Go-Cart/Golf Cart	0	0.0	0	0.0	0	0
Snowmobile	1	0.0	0	0.0	0	1
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	1	0.0	0	0.0	1	0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	21	0.8	0	0.0	4	17
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	109	4.4	2	11.8	26	81
Uncoded & Errors	56	2.3	0	0.0	2	54
<b>Total</b>	<b>2,480</b>	<b>100.0</b>	<b>17</b>	<b>100.0</b>	<b>434</b>	<b>2,029</b>

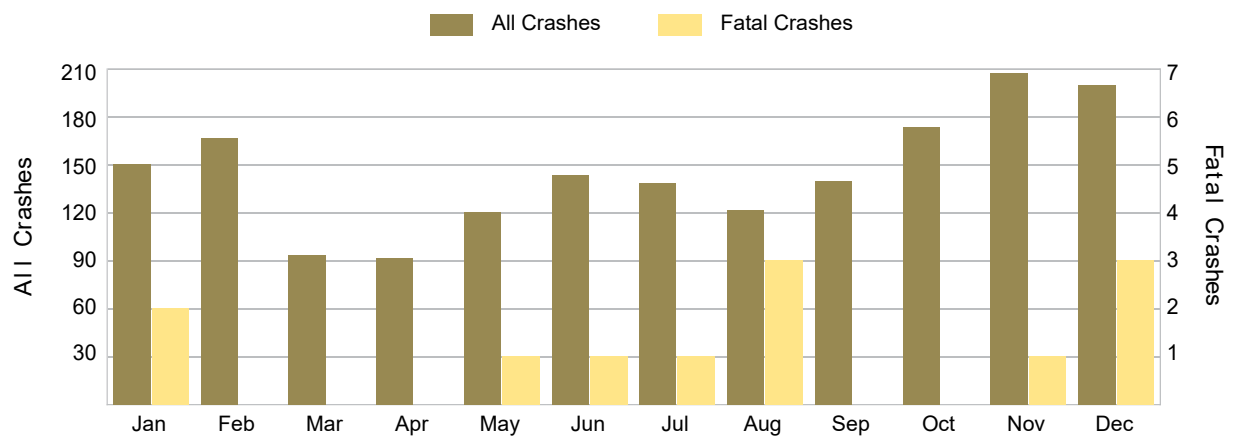
## 5-Year Trend - Crashes by Month

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	163	0	197	0	194	0	195	0	150	2
February	108	1	143	1	215	0	194	2	166	0
March	130	1	121	0	147	0	89	0	93	0
April	94	3	109	0	163	0	50	0	91	0
May	111	1	106	0	136	0	73	3	120	1
June	152	1	130	0	138	0	119	1	143	1
July	99	0	116	1	130	0	118	1	138	1
August	92	1	103	1	120	1	90	0	121	3
September	120	1	116	0	109	3	114	0	139	0
October	167	0	203	1	182	0	175	4	173	0
November	199	1	236	1	249	0	169	0	207	1
December	314	0	156	0	180	0	122	0	199	3
<b>Total</b>	<b>1,749</b>	<b>10</b>	<b>1,736</b>	<b>5</b>	<b>1,963</b>	<b>4</b>	<b>1,508</b>	<b>11</b>	<b>1,740</b>	<b>12</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	284	1	278	2	300	0	196	0	237	0
Tuesday	230	1	239	1	267	1	229	3	232	1
Wednesday	248	3	266	1	318	1	229	3	251	2
Thursday	252	1	249	0	256	1	224	0	268	5
Friday	274	0	276	1	280	0	244	3	302	2
Saturday	236	3	223	0	248	1	209	1	240	0
Sunday	225	1	205	0	294	0	177	1	210	2
<b>Total</b>	<b>1,749</b>	<b>10</b>	<b>1,736</b>	<b>5</b>	<b>1,963</b>	<b>4</b>	<b>1,508</b>	<b>11</b>	<b>1,740</b>	<b>12</b>

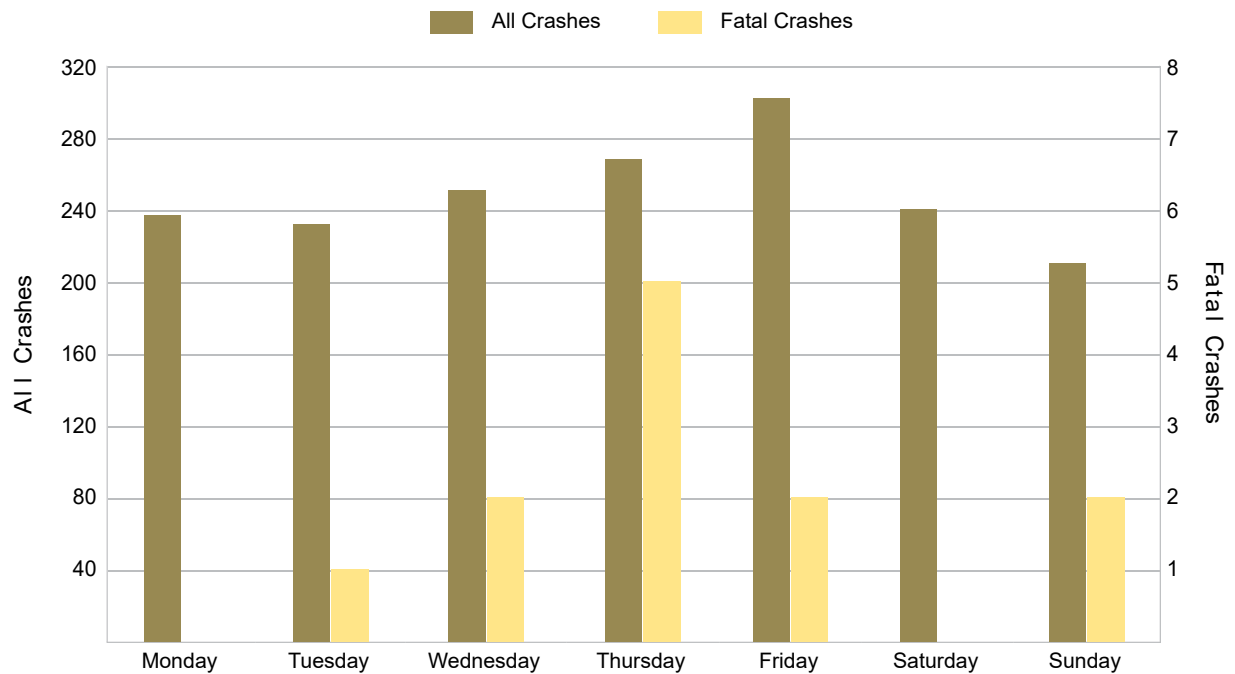
## 2021 Crashes by Month



## 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	237	13.6	0	0.0	8	14	23	192
Tuesday	232	13.3	1	8.3	1	8	22	200
Wednesday	251	14.4	2	16.7	5	13	23	208
Thursday	268	15.4	5	41.7	4	9	23	227
Friday	302	17.4	2	16.7	10	11	25	254
Saturday	240	13.8	0	0.0	6	18	15	201
Sunday	210	12.1	2	16.7	8	13	11	176
<b>Total</b>	<b>1,740</b>	<b>100.0</b>	<b>12</b>	<b>100.0</b>	<b>42</b>	<b>86</b>	<b>142</b>	<b>1,458</b>

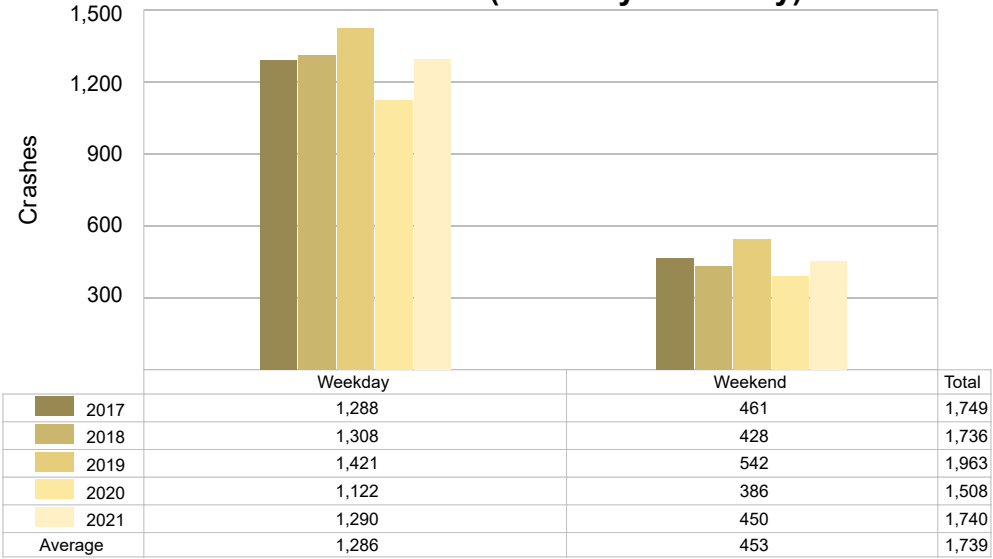
## 2021 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

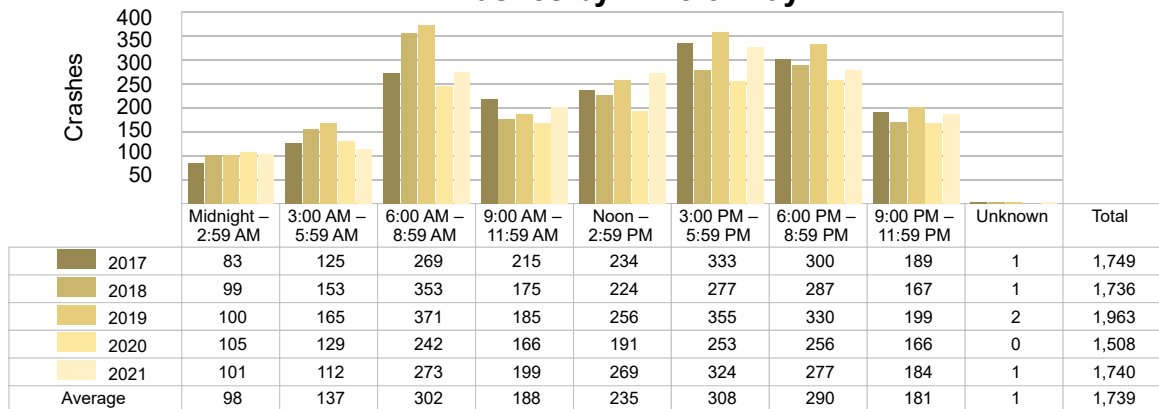
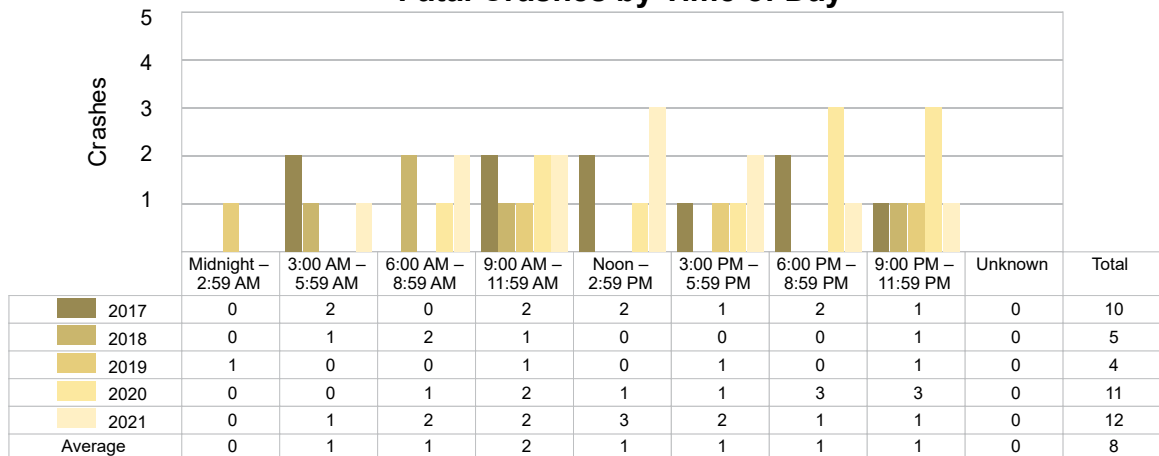
Portion of Week	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	1,288	6	1,308	5	1,421	3	1,122	9	1,290	10
Weekend	461	4	428	0	542	1	386	2	450	2
Total	1,749	10	1,736	5	1,963	4	1,508	11	1,740	12

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



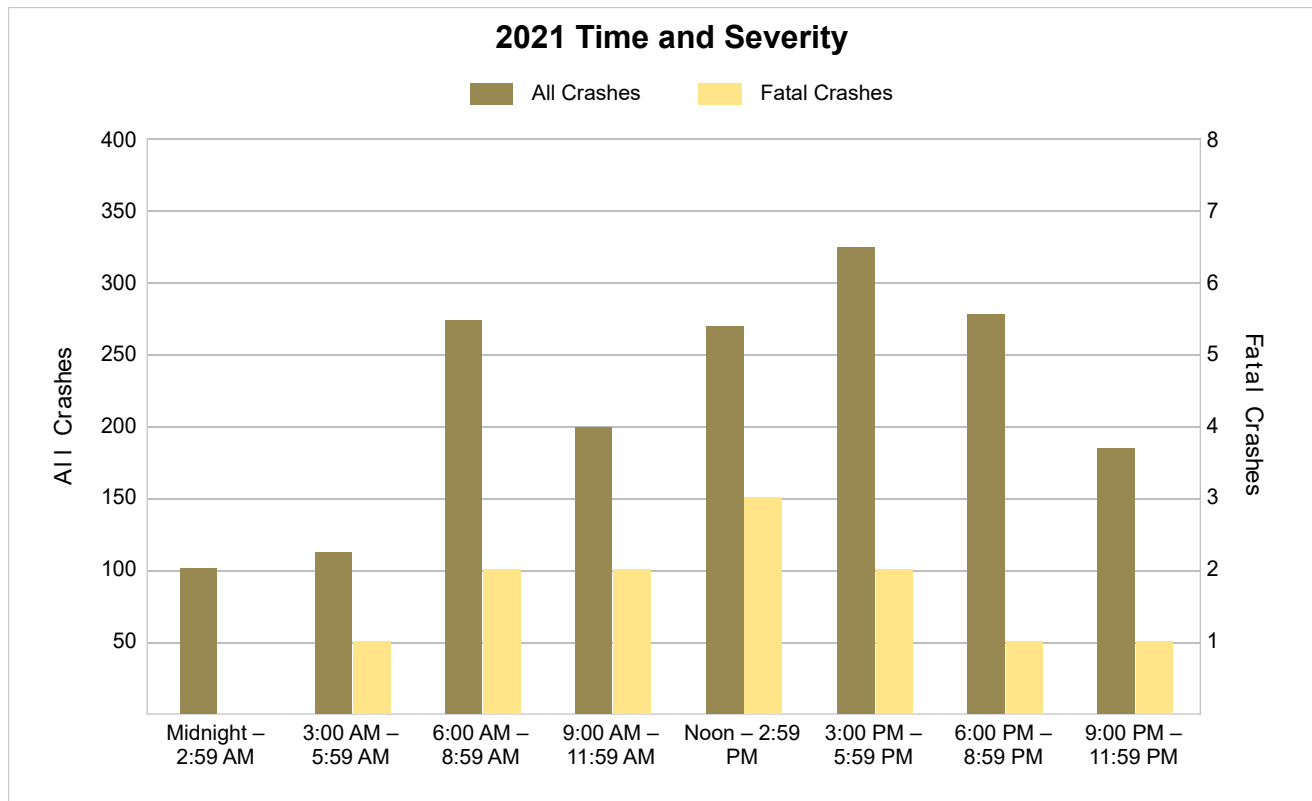
## 5-Year Trend - Crashes by Time of Day

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	83	0	99	0	100	1	105	0	101	0
3:00 AM – 5:59 AM	125	2	153	1	165	0	129	0	112	1
6:00 AM – 8:59 AM	269	0	353	2	371	0	242	1	273	2
9:00 AM – 11:59 AM	215	2	175	1	185	1	166	2	199	2
Noon – 2:59 PM	234	2	224	0	256	0	191	1	269	3
3:00 PM – 5:59 PM	333	1	277	0	355	1	253	1	324	2
6:00 PM – 8:59 PM	300	2	287	0	330	0	256	3	277	1
9:00 PM – 11:59 PM	189	1	167	1	199	1	166	3	184	1
Unknown	1	0	1	0	2	0	0	0	1	0
<b>Total</b>	<b>1,749</b>	<b>10</b>	<b>1,736</b>	<b>5</b>	<b>1,963</b>	<b>4</b>	<b>1,508</b>	<b>11</b>	<b>1,740</b>	<b>12</b>

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

## 2021 - Time and Severity

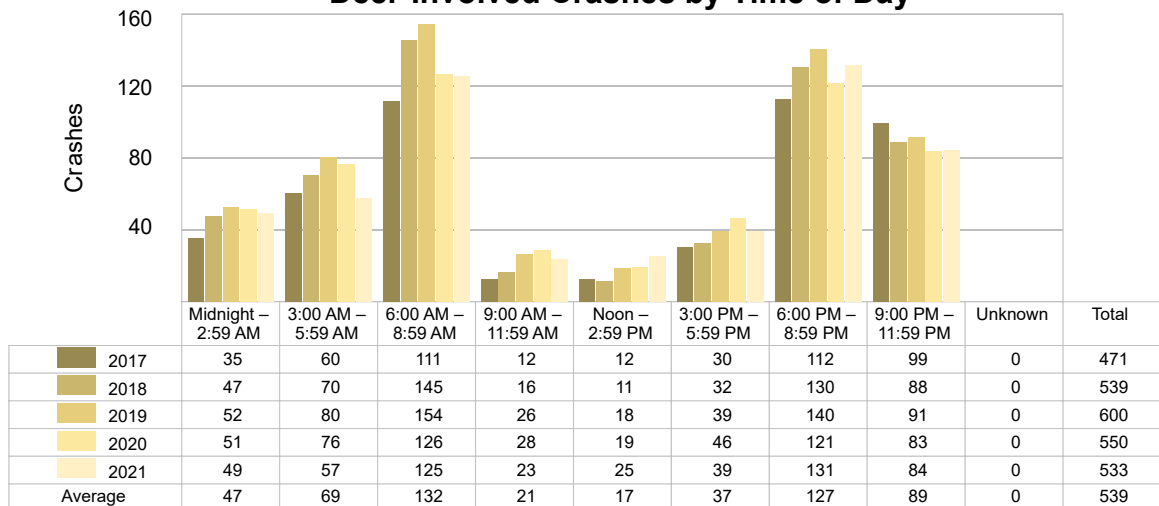
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	101	5.8	0	0.0	1	3	4	93
3:00 AM – 5:59 AM	112	6.4	1	8.3	2	10	6	93
6:00 AM – 8:59 AM	273	15.7	2	16.7	3	8	20	240
9:00 AM – 11:59 AM	199	11.4	2	16.7	5	7	22	163
Noon – 2:59 PM	269	15.5	3	25.0	6	18	25	217
3:00 PM – 5:59 PM	324	18.6	2	16.7	6	25	29	262
6:00 PM – 8:59 PM	277	15.9	1	8.3	11	7	20	238
9:00 PM – 11:59 PM	184	10.6	1	8.3	8	8	16	151
Unknown	1	0.1	0	0.0	0	0	0	1
<b>Total</b>	<b>1,740</b>	<b>100.0</b>	<b>12</b>	<b>100.0</b>	<b>42</b>	<b>86</b>	<b>142</b>	<b>1,458</b>



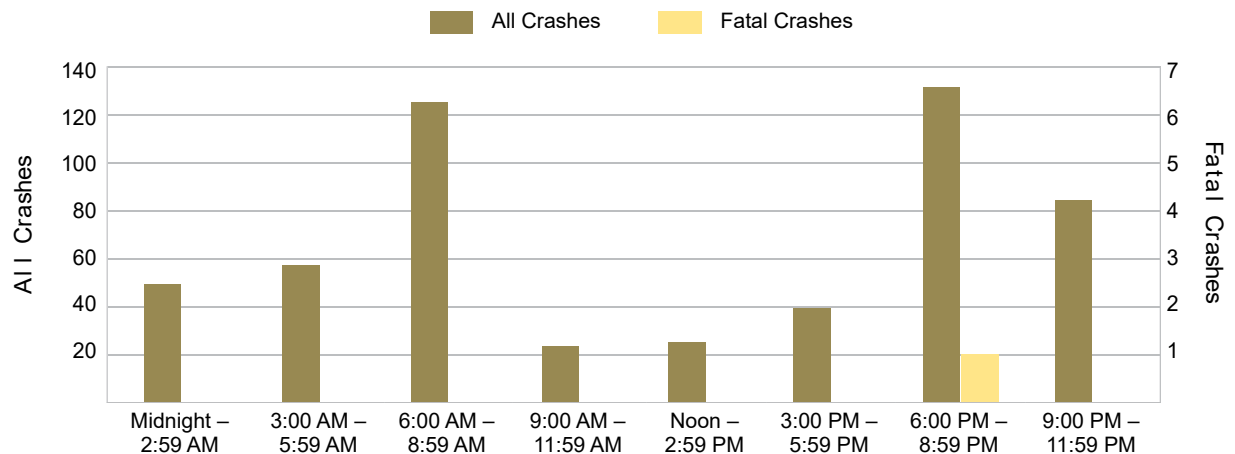
## 5-Year Trend - Deer-Involved Crashes by Time of Day

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	35	0	47	0	52	0	51	0	49	0
3:00 AM – 5:59 AM	60	0	70	0	80	0	76	0	57	0
6:00 AM – 8:59 AM	111	0	145	0	154	0	126	0	125	0
9:00 AM – 11:59 AM	12	0	16	0	26	0	28	0	23	0
Noon – 2:59 PM	12	0	11	0	18	0	19	0	25	0
3:00 PM – 5:59 PM	30	0	32	0	39	0	46	0	39	0
6:00 PM – 8:59 PM	112	0	130	0	140	0	121	0	131	1
9:00 PM – 11:59 PM	99	0	88	0	91	0	83	0	84	0
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>471</b>	<b>0</b>	<b>539</b>	<b>0</b>	<b>600</b>	<b>0</b>	<b>550</b>	<b>0</b>	<b>533</b>	<b>1</b>

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



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

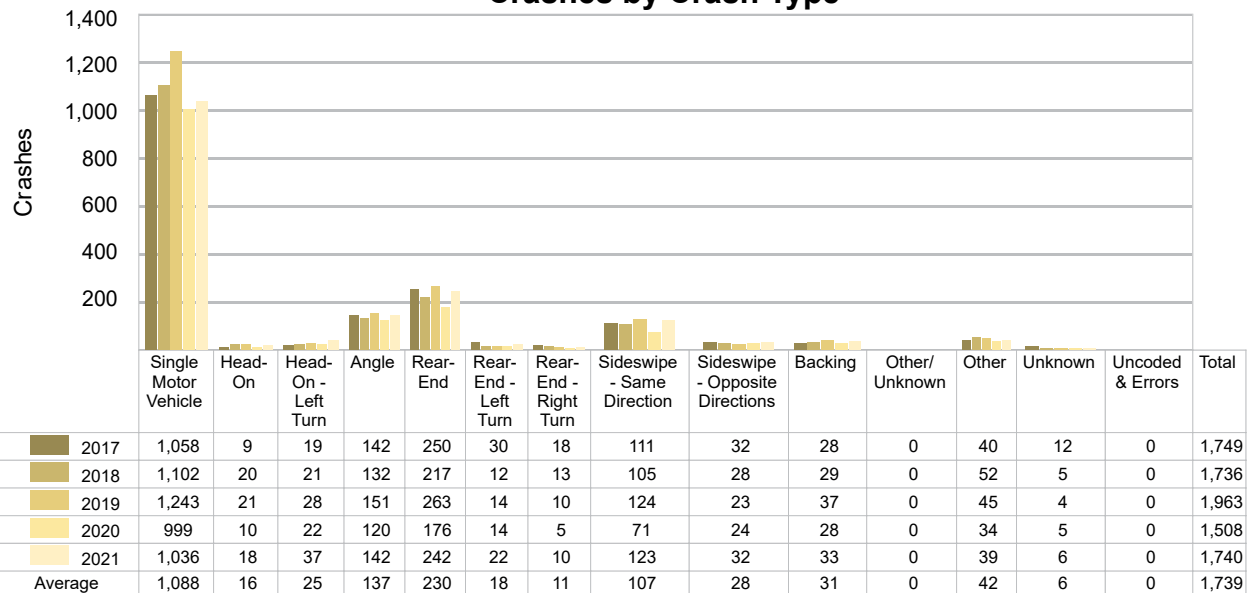




## 5-Year Trend - Crashes by Crash Type

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	1,058	7	1,102	2	1,243	1	999	5	1,036	8
Head-On	9	0	20	2	21	1	10	3	18	0
Head-On - Left Turn	19	0	21	0	28	0	22	0	37	0
Angle	142	0	132	1	151	0	120	2	142	1
Rear-End	250	1	217	0	263	0	176	1	242	3
Rear-End - Left Turn	30	0	12	0	14	0	14	0	22	0
Rear-End - Right Turn	18	0	13	0	10	0	5	0	10	0
Sideswipe - Same Direction	111	0	105	0	124	0	71	0	123	0
Sideswipe - Opposite Directions	32	1	28	0	23	0	24	0	32	0
Backing	28	0	29	0	37	0	28	0	33	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	40	1	52	0	45	2	34	0	39	0
Unknown	12	0	5	0	4	0	5	0	6	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,749</b>	<b>10</b>	<b>1,736</b>	<b>5</b>	<b>1,963</b>	<b>4</b>	<b>1,508</b>	<b>11</b>	<b>1,740</b>	<b>12</b>

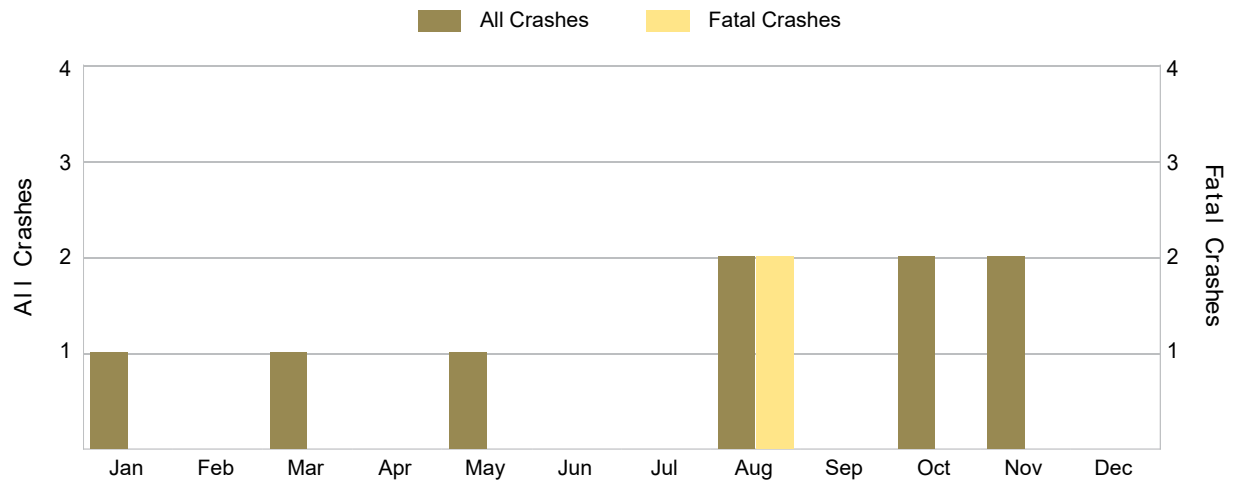
## 5-Year Trend Crashes by Crash Type



## 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	1	0	0	0	1	0
February	0	0	2	1	0	0	0	0	0	0
March	1	0	0	0	1	0	0	0	1	0
April	0	0	0	0	1	0	0	0	0	0
May	0	0	0	0	0	0	0	0	1	0
June	2	1	2	0	0	0	0	0	0	0
July	1	0	1	1	0	0	0	0	0	0
August	1	0	0	0	2	0	0	0	2	2
September	0	0	1	0	0	0	2	0	0	0
October	1	0	1	0	2	0	1	0	2	0
November	0	0	0	0	0	0	2	0	2	0
December	1	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>7</b>	<b>1</b>	<b>7</b>	<b>2</b>	<b>7</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>9</b>	<b>2</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	1	0	0	0	2	0	0	0	0	0
April	1	0	0	0	0	0	0	0	0	0
May	0	0	0	0	1	0	0	0	0	0
June	2	0	0	0	0	0	0	0	0	0
July	1	0	0	0	0	0	1	0	0	0
August	0	0	1	0	1	0	0	0	0	0
September	1	0	0	0	0	0	1	0	0	0
October	0	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
<b>Total</b>	<b>6</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>

## 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
Belding	58	0	9	49	0	0	28	30	1	0	3	0	0
Berlin Twp.	126	0	23	103	58	0	1	67	4	1	36	0	0
Boston Twp.	232	3	34	195	119	0	31	82	7	5	54	0	0
Campbell Twp.	46	1	4	41	0	0	21	25	1	1	20	0	0
Clarksville	0	0	0	0	0	0	0	0	0	0	0	0	0
Danby Twp.	66	0	15	51	35	0	0	31	4	1	20	0	0
Easton Twp.	71	1	7	63	0	0	32	39	3	0	40	0	0
Hubbardston	0	0	0	0	0	0	0	0	0	0	0	0	0
Ionia	167	1	23	143	0	0	107	60	4	1	8	1	0
Ionia Twp.	168	1	34	133	0	0	117	51	5	1	44	2	0
Keene Twp.	36	0	10	26	0	0	0	36	2	0	15	0	0
Lake Odessa	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyons	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyons Twp.	51	0	6	45	0	0	17	34	1	1	25	0	0
Muir	0	0	0	0	0	0	0	0	0	0	0	0	0
North Plains Twp.	28	0	5	23	0	0	0	28	0	0	13	0	0
Odessa Twp.	69	1	11	57	0	0	21	48	5	1	21	1	0
Orange Twp.	179	1	21	157	83	0	45	51	3	2	56	0	0
Orleans Twp.	59	1	6	52	0	0	28	31	5	1	27	0	0
Otisco Twp.	90	0	16	74	0	0	46	44	4	1	47	1	0
Pewamo	0	0	0	0	0	0	0	0	0	0	0	0	0
Portland	77	0	9	68	21	0	0	56	3	1	11	3	0
Portland Twp.	116	1	23	92	48	0	0	68	3	1	37	0	0
Ronald Twp.	74	0	9	65	0	0	31	42	0	0	39	0	0
Saranac	0	0	0	0	0	0	0	0	0	0	0	0	0
Sebewa Twp.	27	1	5	21	0	0	14	13	2	1	17	1	0
<b>Total</b>	<b>1,740</b>	<b>12</b>	<b>270</b>	<b>1,458</b>	<b>364</b>	<b>0</b>	<b>539</b>	<b>836</b>	<b>57</b>	<b>19</b>	<b>533</b>	<b>9</b>	<b>0</b>

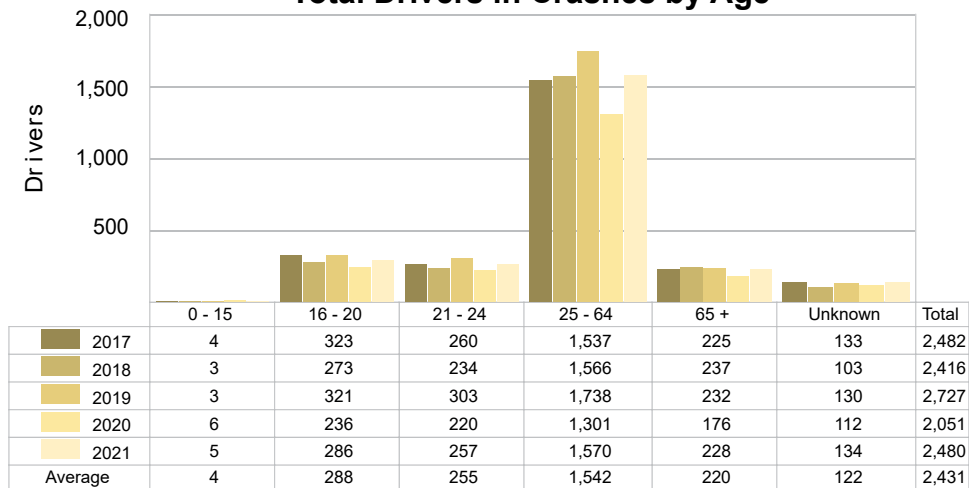
## 2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Belding	0	0	5	20	107	8
Berlin Twp.	0	11	14	34	191	4
Boston Twp.	3	6	30	33	330	16
Campbell Twp.	2	5	2	2	53	2
Clarksville	0	0	0	0	0	0
Danby Twp.	0	9	1	21	78	2
Easton Twp.	1	3	4	10	80	3
Hubbardston	0	0	0	0	0	0
Ionia	1	2	13	53	324	45
Ionia Twp.	1	15	31	42	295	8
Keene Twp.	0	5	8	4	34	1
Lake Odessa	0	0	0	0	0	0
Lyons	0	0	0	0	0	0
Lyons Twp.	0	1	6	1	57	2
Muir	0	0	0	0	0	0
North Plains Twp.	0	0	2	4	28	6
Odessa Twp.	1	1	16	8	92	7
Orange Twp.	1	4	12	27	237	14
Orleans Twp.	1	2	5	7	66	4
Otisco Twp.	0	9	9	13	98	7
Pewamo	0	0	0	0	0	0
Portland	0	1	3	17	117	6
Portland Twp.	1	7	25	22	159	7
Ronald Twp.	0	1	5	16	95	0
Saranac	0	0	0	0	0	0
Sebewa Twp.	1	2	1	6	30	0
<b>Total</b>	<b>13</b>	<b>84</b>	<b>192</b>	<b>340</b>	<b>2,471</b>	<b>142</b>

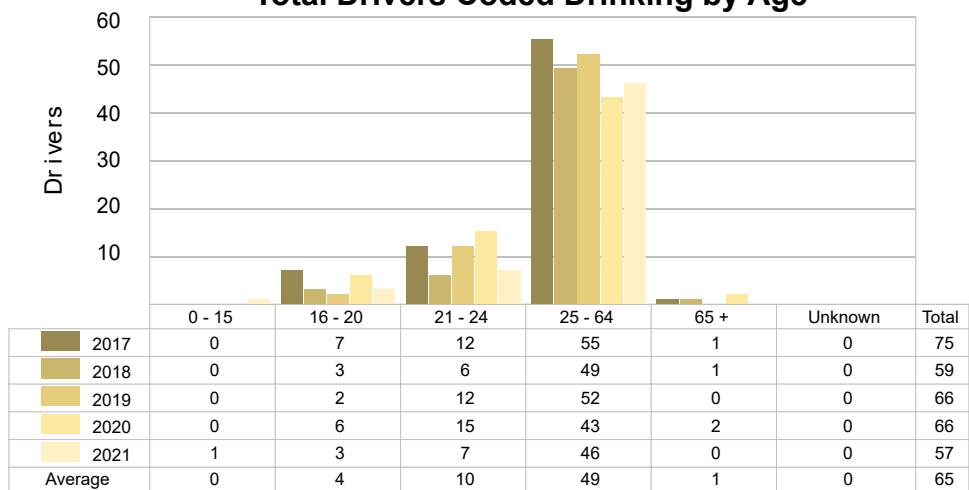
## 5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	3	0	3	0	6	0	5	1
16 - 20	323	7	273	3	321	2	236	6	286	3
21 - 24	260	12	234	6	303	12	220	15	257	7
25 - 64	1,537	55	1,566	49	1,738	52	1,301	43	1,570	46
65 +	225	1	237	1	232	0	176	2	228	0
Unknown	133	0	103	0	130	0	112	0	134	0
<b>Total</b>	<b>2,482</b>	<b>75</b>	<b>2,416</b>	<b>59</b>	<b>2,727</b>	<b>66</b>	<b>2,051</b>	<b>66</b>	<b>2,480</b>	<b>57</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	1	1	1	1	0	0	0	0	1
16 - 20	3	6	3	3	0	0	1	1	1
21 - 24	7	8	7	7	0	0	2	0	5
25 - 64	57	49	32	46	0	3	10	15	18
65 +	1	1	0	0	0	0	0	0	0
Unknown	3	0	0	0	0	0	0	0	0
<b>Total</b>	<b>72</b>	<b>65</b>	<b>43</b>	<b>57</b>	<b>0</b>	<b>3</b>	<b>13</b>	<b>16</b>	<b>25</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).

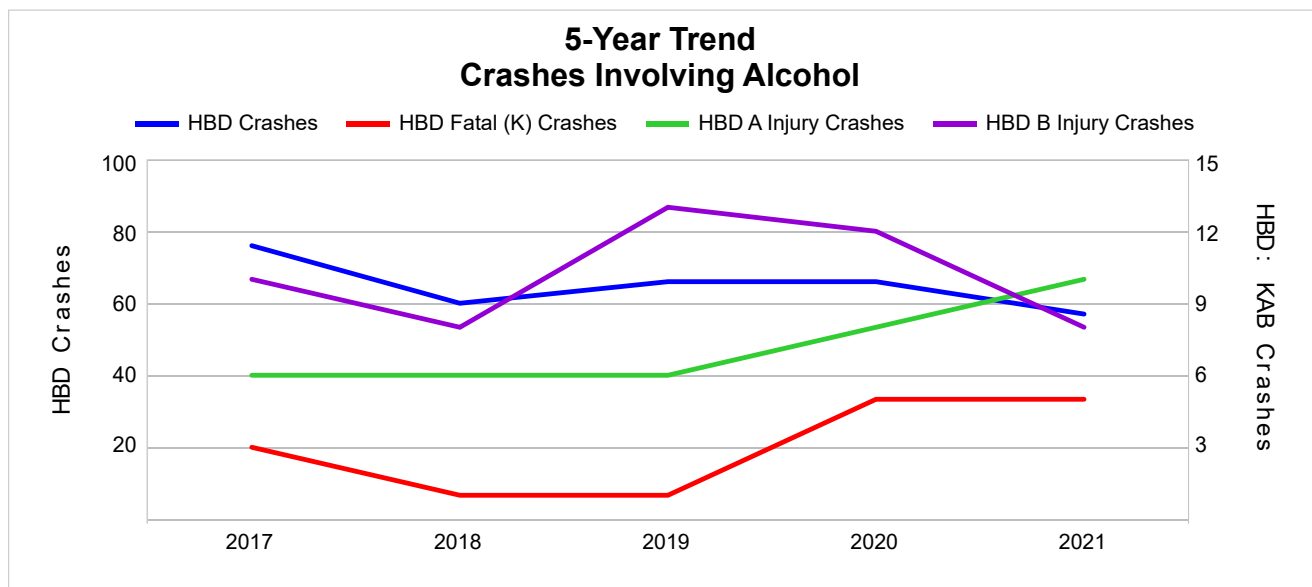
A driver may be coded by the officer as drinking even though no test is administered.

## 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	1,749	76	4.3	10	3	30.0	40	6	15.0	93	10	10.8
2018	1,736	60	3.5	5	1	20.0	32	6	18.8	92	8	8.7
2019	1,963	66	3.4	4	1	25.0	31	6	19.4	68	13	19.1
2020	1,508	66	4.4	11	5	45.5	30	8	26.7	83	12	14.5
2021	1,740	57 *	3.3 *	12 **	5	41.7	42 **	10 **	23.8	86	8	9.3

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.



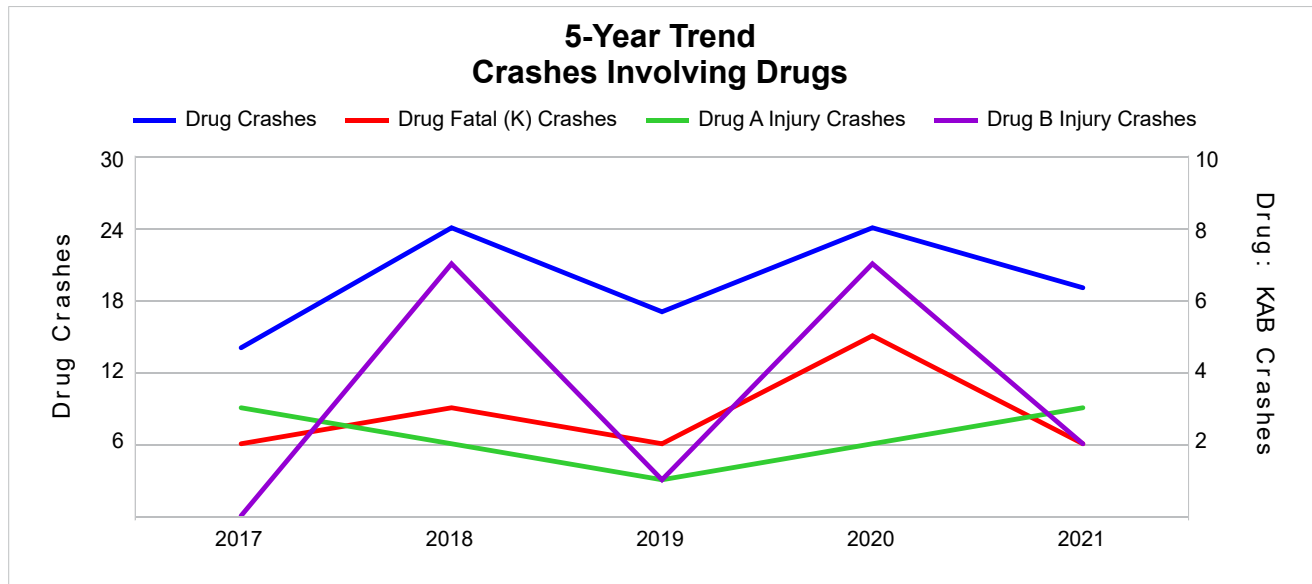
Note: Had-Been-Drinking (HBD)

## 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	1,749	14	0.8	10	2	20.0	40	3	7.5	93	0	0.0
2018	1,736	24	1.4	5	3	60.0	32	2	6.3	92	7	7.6
2019	1,963	17	0.9	4	2	50.0	31	1	3.2	68	1	1.5
2020	1,508	24	1.6	11	5	45.5	30	2	6.7	83	7	8.4
2021	1,740	19	1.1	12 **	2	16.7 *	42 **	3	7.1	86	2	2.3

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.



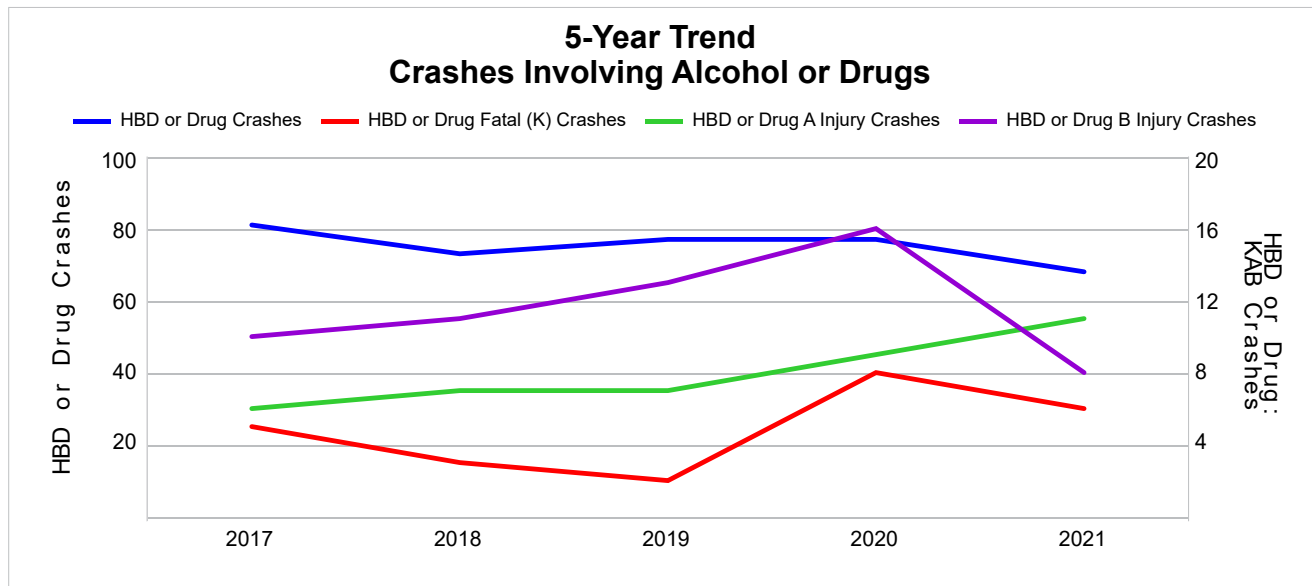


## 5-Year Trend - Crashes Involving Alcohol or Drugs

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
2017	1,749	81	4.6	10	5	50.0	40	6	15.0	93	10	10.8
2018	1,736	73	4.2	5	3	60.0	32	7	21.9	92	11	12.0
2019	1,963	77	3.9	4	2	50.0	31	7	22.6	68	13	19.1
2020	1,508	77	5.1	11	8	72.7	30	9	30.0	83	16	19.3
2021	1,740	68 *	3.9 *	12 **	6	50.0	42 **	11 **	26.2	86	8 *	9.3 *

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	1,899	1,742	91.7	9	6	66.7	21	17	81.0	75	71	94.7	170	158	92.9	1,558	1,490	95.6
Motor Home	4	4	100.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	3	3	100.0
Pickup Truck	413	372	90.1	0	0	0.0	8	4	50.0	11	11	100.0	20	18	90.0	361	339	93.9
Small Truck Under 10,000 lbs. GVWR	14	13	92.9	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	12	12	100.0
Motorcycle	43	30	69.8	2	1	50.0	11	7	63.6	18	13	72.2	5	3	60.0	6	6	100.0
Moped/Goped	2	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0	1	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	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	1	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	21	14	66.7	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	19	14	73.7
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	109	103	94.5	0	0	0.0	1	1	100.0	4	4	100.0	4	4	100.0	97	94	96.9
Uncoded & Errors	56	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>2,563</b>	<b>2,279</b>	<b>88.9</b>	<b>11</b>	<b>7</b>	<b>63.6</b>	<b>43</b>	<b>29</b>	<b>67.4</b>	<b>108</b>	<b>99</b>	<b>91.7</b>	<b>201</b>	<b>185</b>	<b>92.0</b>	<b>2,058</b>	<b>1,959</b>	<b>95.2</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	29	26	89.7	0	0	0.0	2	2	100.0	9	8	88.9	15	13	86.7	3	3	100.0
16 - 20	303	288	95.0	1	1	100.0	6	3	50.0	14	14	100.0	34	30	88.2	248	240	96.8
21 - 24	261	254	97.3	1	1	100.0	6	5	83.3	11	11	100.0	18	18	100.0	225	219	97.3
25 - 64	1,602	1,487	92.8	7	4	57.1	27	17	63.0	59	53	89.8	119	109	91.6	1,383	1,304	94.3
65 +	234	224	95.7	2	1	50.0	2	2	100.0	15	13	86.7	15	15	100.0	199	193	97.0
Unknown	134	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>2,563</b>	<b>2,279</b>	<b>88.9</b>	<b>11</b>	<b>7</b>	<b>63.6</b>	<b>43</b>	<b>29</b>	<b>67.4</b>	<b>108</b>	<b>99</b>	<b>91.7</b>	<b>201</b>	<b>185</b>	<b>92.0</b>	<b>2,058</b>	<b>1,959</b>	<b>95.2</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	3	0	0	5	0	0	10	1	1	4	0	2	6	0	0
Shoulder Belt Only Used	5	0	0	8	0	2	7	0	2	12	0	1	17	0	2
Lap Belt Only Used	6	0	1	9	0	2	9	0	0	5	0	0	5	0	0
Both Lap & Shoulder Belt Used	2,200	5	242	2,162	3	234	2,415	1	238	1,776	5	153	2,156	5	220
No Belts Used	16	0	7	15	0	12	13	1	8	19	3	12	19	3	6
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	2	0	1	0	0	0	1	0	0
Restraint Use Unknown	223	0	13	194	0	13	251	1	6	209	0	12	233	0	10
Helmet Worn	11	0	9	8	0	8	11	0	6	12	0	7	28	1	20
Helmet Not Worn	10	3	5	8	0	6	5	0	5	13	1	12	12	1	11
Helmet Use Unknown	1	0	1	0	0	0	2	0	1	1	0	0	2	0	1
Uncoded & Errors	7	0	0	7	0	0	2	0	0	0	0	0	1	0	0
<b>Total</b>	<b>2,482</b>	<b>8</b>	<b>278</b>	<b>2,416</b>	<b>3</b>	<b>277</b>	<b>2,727</b>	<b>4</b>	<b>268</b>	<b>2,051</b>	<b>9</b>	<b>199</b>	<b>2,480</b>	<b>10</b>	<b>270</b>

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

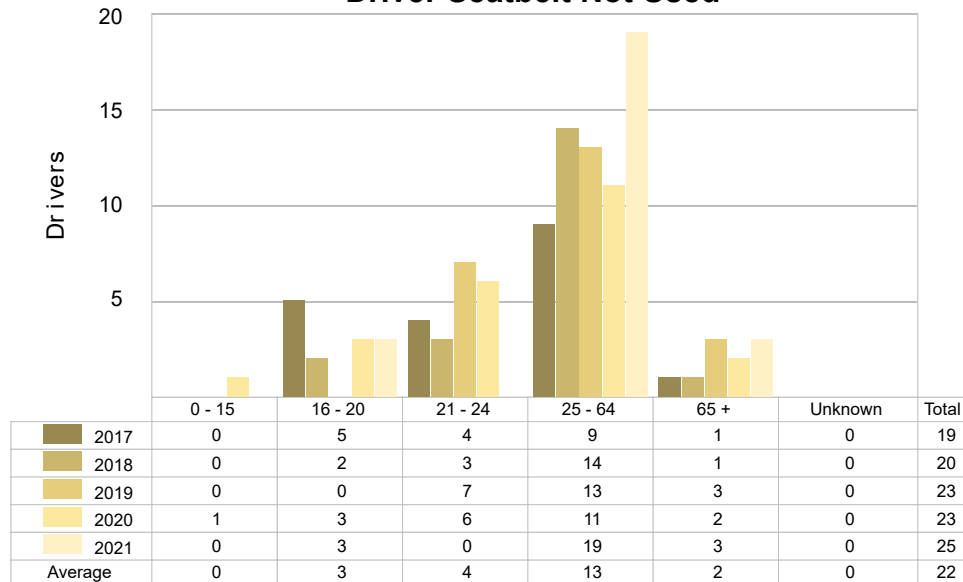
Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoulder Belt Only Used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lap Belt Only Used	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Both Lap & Shoulder Belt Used	45	0	8	39	0	11	46	0	11	43	1	16	34	2	13
No Belts Used	5	0	2	3	0	2	4	1	3	6	1	5	5	2	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	22	0	8	13	0	7	11	0	2	16	0	4	15	0	6
Helmet Worn	0	0	0	1	0	1	1	0	1	0	0	0	2	0	1
Helmet Not Worn	2	2	0	1	0	1	4	0	4	1	0	1	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	1	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>75</b>	<b>2</b>	<b>18</b>	<b>59</b>	<b>0</b>	<b>22</b>	<b>66</b>	<b>1</b>	<b>21</b>	<b>66</b>	<b>2</b>	<b>26</b>	<b>57</b>	<b>4</b>	<b>23</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	1	0	0	0	0	0
16 - 20	5	0	3	2	0	2	0	0	0	3	0	1	3	0	0
21 - 24	4	0	1	3	0	3	7	0	3	6	1	5	0	0	0
25 - 64	9	0	3	14	0	7	13	2	4	11	2	7	19	2	6
65 +	1	0	0	1	0	0	3	0	2	2	0	1	3	1	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>19</b>	<b>0</b>	<b>7</b>	<b>20</b>	<b>0</b>	<b>12</b>	<b>23</b>	<b>2</b>	<b>9</b>	<b>23</b>	<b>3</b>	<b>14</b>	<b>25</b>	<b>3</b>	<b>6</b>

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

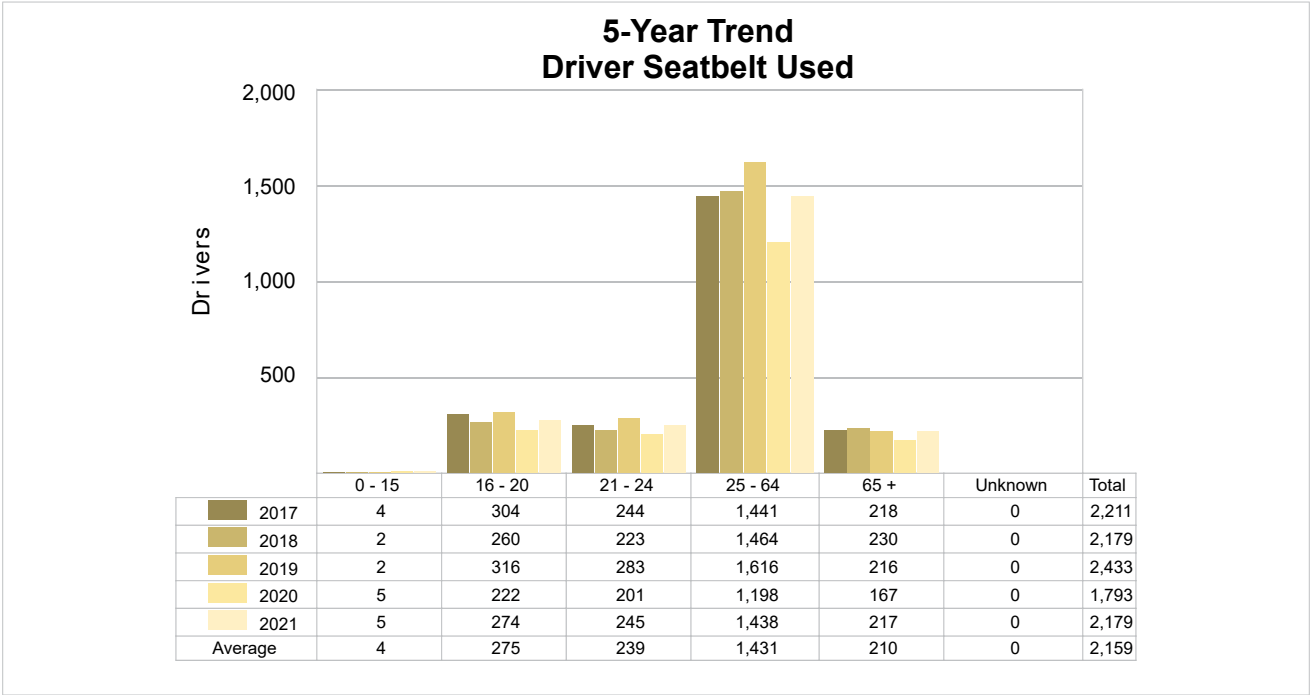
### 5-Year Trend Driver Seatbelt Not Used



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	4	0	2	2	0	0	2	0	0	5	0	0	5	0	2
16 - 20	304	1	44	260	1	28	316	0	37	222	0	34	274	1	33
21 - 24	244	0	21	223	1	24	283	0	26	201	0	15	245	1	27
25 - 64	1,441	3	146	1,464	1	155	1,616	0	149	1,198	3	90	1,438	2	136
65 +	218	1	30	230	0	31	216	1	29	167	2	15	217	1	24
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2,211	5	243	2,179	3	238	2,433	1	241	1,793	5	154	2,179	5	222

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	1,270	7	1,301	4	1,451	2	1,136	9	1,379	8
Speed Too Fast	375	2	348	1	415	1	230	3	261	2
Speed Too Slow	2	0	3	0	3	0	4	0	1	0
Failed to Yield	138	1	170	0	177	0	124	1	157	0
Disregard Traffic Control	19	0	12	1	15	0	19	1	21	1
Drove Wrong Way	1	0	2	0	1	0	1	0	1	0
Drove Left of Center	11	1	11	0	18	0	16	2	11	0
Improper Passing	13	0	13	0	12	0	6	0	19	0
Improper Lane Use	50	0	33	0	41	0	29	0	56	0
Improper Turn	16	0	15	0	23	0	15	0	21	0
Improper/No Signal	1	0	2	0	1	0	1	0	4	0
Improper Backing	34	0	24	0	31	0	26	0	24	0
Unable to Stop in Assured Clear Distance	283	1	219	0	262	0	178	0	257	2
Other	66	0	90	0	91	0	104	2	115	1
Unknown	70	1	68	1	79	2	63	1	66	2
Reckless Driving	27	2	16	0	9	1	23	0	18	0
Careless/Negligent Driving	93	1	82	1	96	2	76	1	69	1
Uncoded & Errors	13	0	7	0	2	0	0	0	0	0
<b>Total</b>	<b>2,482</b>	<b>16</b>	<b>2,416</b>	<b>8</b>	<b>2,727</b>	<b>8</b>	<b>2,051</b>	<b>20</b>	<b>2,480</b>	<b>17</b>

### Office of Highway Safety Planning

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Physical Address:  
7150 Harris Drive  
Dimondale, Michigan 48821

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

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

