



Office of Highway Safety Planning

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:

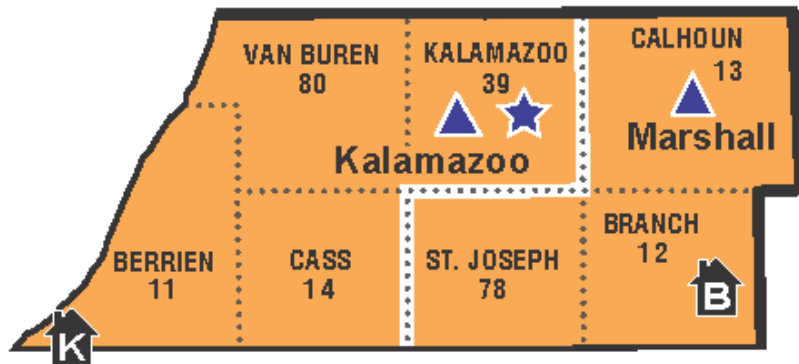
- K = Killed
- A = Suspected Serious Injury
- B = Suspected Minor Injury
- C = Possible Injury
- O = No Injury
- Property Damage Only (PDO)



## MDOT Region - Southwest

### 2021 Traffic Crash Data & 2017-2021 5-Year Trends

Beginning October 2015, MDOT Region - Southwest is comprised of Berrien, Branch, Calhoun, Cass, Kalamazoo, St. Joseph and Van Buren counties. Trend tables for this report are based on those counties.



## SOUTHWEST

### 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.

## 2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	2,145	10	289	1,846	10	389
February	2,024	7	268	1,749	7	356
March	1,580	11	280	1,289	12	378
April	1,619	12	313	1,294	12	440
May	1,772	15	327	1,430	16	442
June	2,031	5	396	1,630	5	549
July	1,854	16	326	1,512	16	450
August	1,785	19	401	1,365	20	550
September	1,895	8	371	1,516	9	494
October	2,569	8	394	2,167	8	521
November	2,730	14	312	2,404	14	446
December	2,379	6	320	2,053	7	424
<b>Total</b>	<b>24,383</b>	<b>131</b>	<b>3,997</b>	<b>20,255</b>	<b>136</b>	<b>5,439</b>

## 2021 - Driver Statistics

Age Group	MDOT Region - Southwest			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	153,558	3,493	56	3.6	160.3
16 - 20	53,506	32,215	4,026	752.4	1,249.7
21 - 24	48,893	32,664	3,614	739.2	1,106.4
25 - 64	387,489	347,702	22,862	590.0	657.5
65 +	141,125	137,304	4,168	295.3	303.6
Unknown	0	0	3,042	--	--
<b>Total</b>	<b>784,571</b>	<b>553,378</b>	<b>37,768</b>	<b>481.4</b>	<b>682.5</b>

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

## 2021 - Vehicles in Crashes

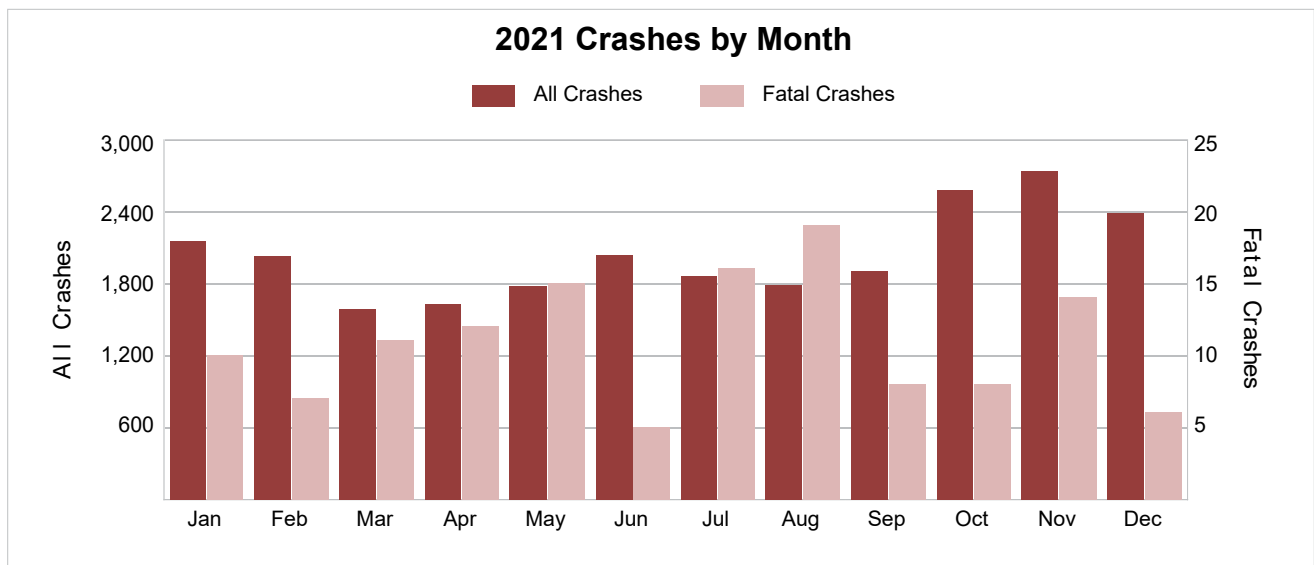
Vehicle Type	Motor Vehicles		Fatal Crashes		Injury Crashes	PDO Crashes
	Number of Vehicles	% of Total	Number	% of Total	Number	Number
Passenger Car, SUV, Van	29,703	78.6	137	66.5	5,377	24,189
Motor Home	146	0.4	0	0.0	25	121
Pickup Truck	4,600	12.2	28	13.6	786	3,786
Small Truck Under 10,000 lbs. GVWR	200	0.5	0	0.0	36	164
Motorcycle	320	0.8	19	9.2	227	74
Moped/Goped	44	0.1	0	0.0	36	8
Go-Cart/Golf Cart	4	0.0	0	0.0	2	2
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	21	0.1	3	1.5	13	5
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	160	0.4	2	1.0	40	118
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	1,451	3.8	16	7.8	265	1,170
Uncoded & Errors	1,119	3.0	1	0.5	87	1,031
<b>Total</b>	<b>37,768</b>	<b>100.0</b>	<b>206</b>	<b>100.0</b>	<b>6,894</b>	<b>30,668</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	2,321	7	2,629	6	2,909	10	2,025	6	2,145	10
February	1,566	3	2,088	6	2,069	9	2,397	2	2,024	7
March	1,741	9	1,821	13	1,807	8	1,145	2	1,580	11
April	1,466	7	1,737	5	1,584	4	810	4	1,619	12
May	1,845	10	1,868	8	1,864	8	1,256	8	1,772	15
June	1,888	10	1,832	9	1,855	5	1,770	14	2,031	5
July	1,780	11	1,749	13	1,956	12	1,668	8	1,854	16
August	1,705	12	1,618	9	1,659	8	1,662	14	1,785	19
September	1,768	10	1,777	11	1,752	9	1,741	9	1,895	8
October	2,432	4	2,259	12	2,464	12	2,184	11	2,569	8
November	2,437	8	3,096	3	3,033	6	1,947	12	2,730	14
December	3,396	12	2,079	3	2,216	7	1,994	4	2,379	6
<b>Total</b>	<b>24,345</b>	<b>103</b>	<b>24,553</b>	<b>98</b>	<b>25,168</b>	<b>98</b>	<b>20,599</b>	<b>94</b>	<b>24,383</b>	<b>131</b>

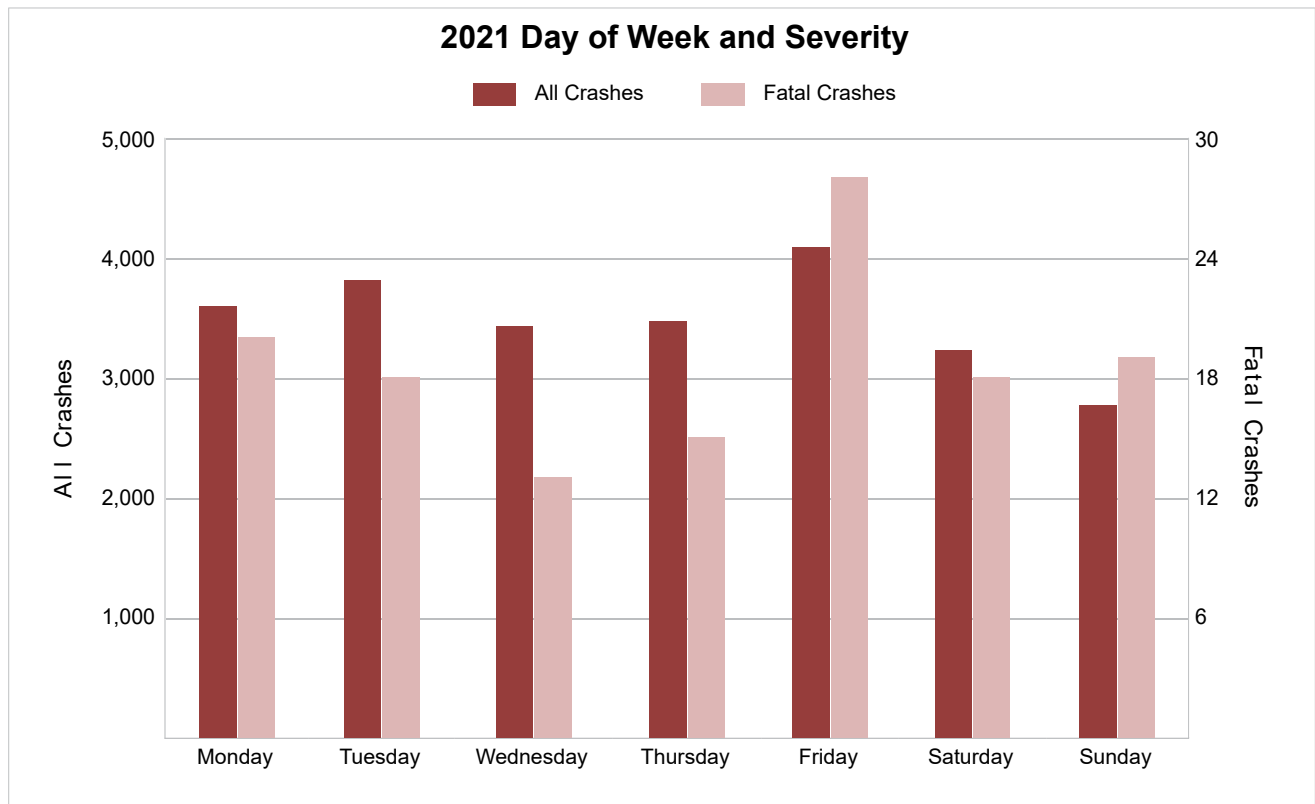
## 5-Year Trend - Crashes by Day of Week

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	3,557	6	3,853	9	3,762	13	2,866	22	3,594	20
Tuesday	3,438	7	3,503	10	4,127	11	2,848	14	3,815	18
Wednesday	3,570	14	3,703	12	3,842	13	3,327	12	3,428	13
Thursday	3,655	19	3,587	15	3,508	12	3,181	11	3,469	15
Friday	4,004	22	4,237	17	4,028	18	3,402	7	4,083	28
Saturday	3,245	18	3,054	16	3,105	16	2,731	16	3,226	18
Sunday	2,876	17	2,616	19	2,796	15	2,244	12	2,768	19
<b>Total</b>	<b>24,345</b>	<b>103</b>	<b>24,553</b>	<b>98</b>	<b>25,168</b>	<b>98</b>	<b>20,599</b>	<b>94</b>	<b>24,383</b>	<b>131</b>



2021 - Crashes by Day of Week

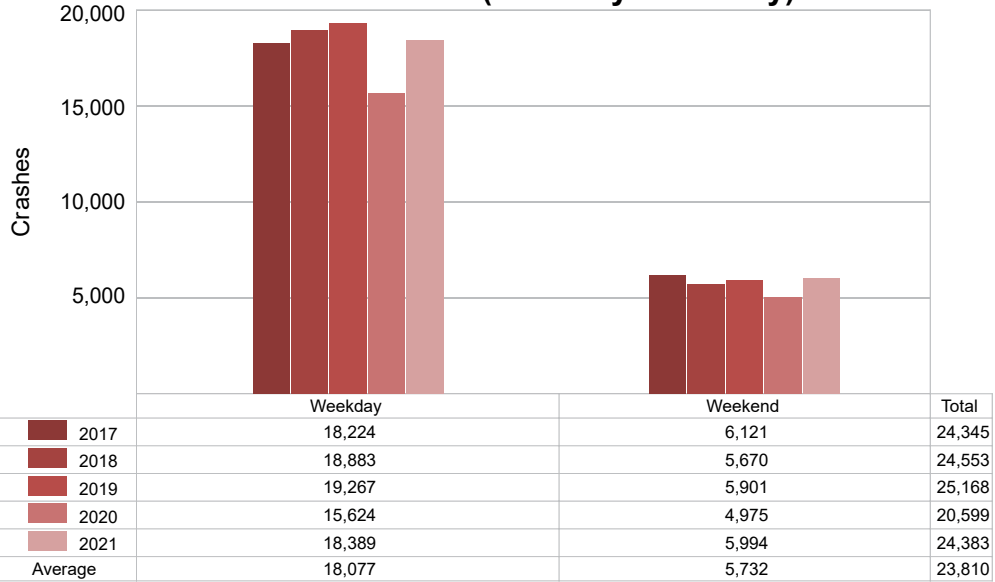
Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Fatal	% of Fatal	A	B	C	Number
Monday	3,594	14.7	20	15.3	64	188	284	3,038
Tuesday	3,815	15.6	18	13.7	77	191	341	3,188
Wednesday	3,428	14.1	13	9.9	72	161	321	2,861
Thursday	3,469	14.2	15	11.5	60	196	318	2,880
Friday	4,083	16.7	28	21.4	69	237	358	3,391
Saturday	3,226	13.2	18	13.7	88	188	295	2,637
Sunday	2,768	11.4	19	14.5	64	170	255	2,260
<b>Total</b>	<b>24,383</b>	<b>100.0</b>	<b>131</b>	<b>100.0</b>	<b>494</b>	<b>1,331</b>	<b>2,172</b>	<b>20,255</b>



## 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	18,224	68	18,883	63	19,267	67	15,624	66	18,389	94
Weekend	6,121	35	5,670	35	5,901	31	4,975	28	5,994	37
<b>Total</b>	<b>24,345</b>	<b>103</b>	<b>24,553</b>	<b>98</b>	<b>25,168</b>	<b>98</b>	<b>20,599</b>	<b>94</b>	<b>24,383</b>	<b>131</b>

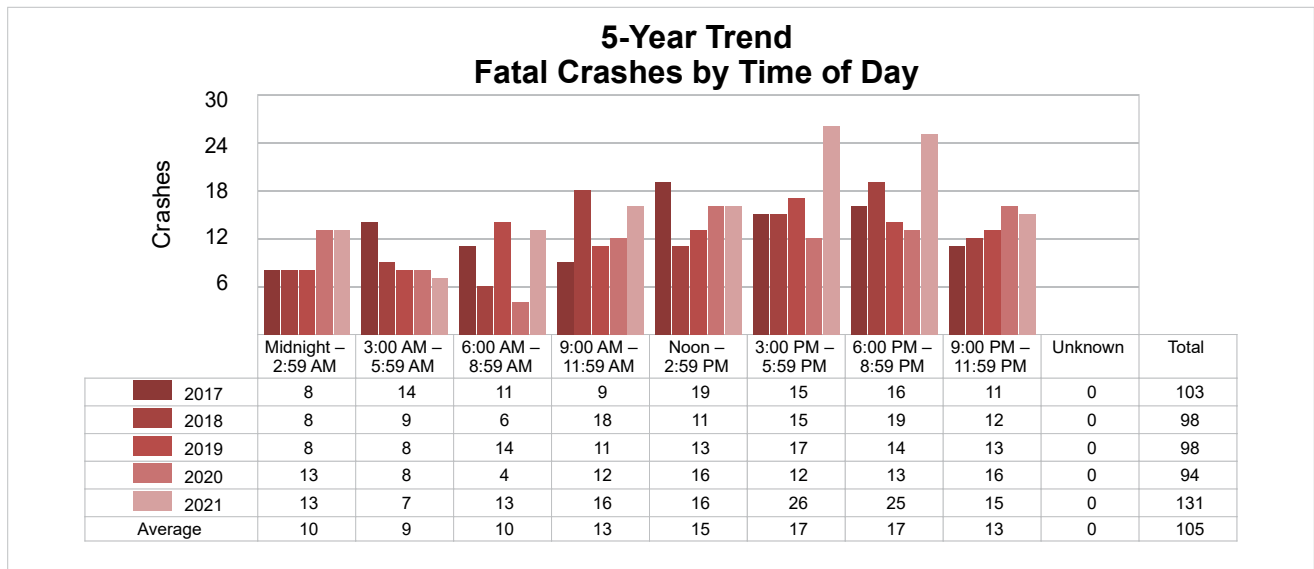
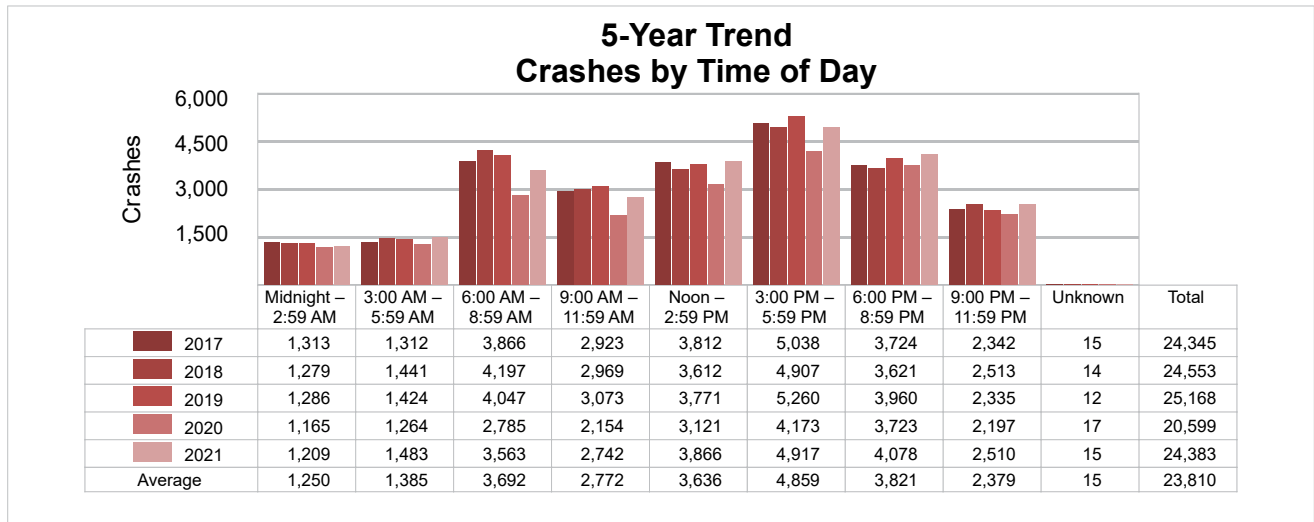
### 5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

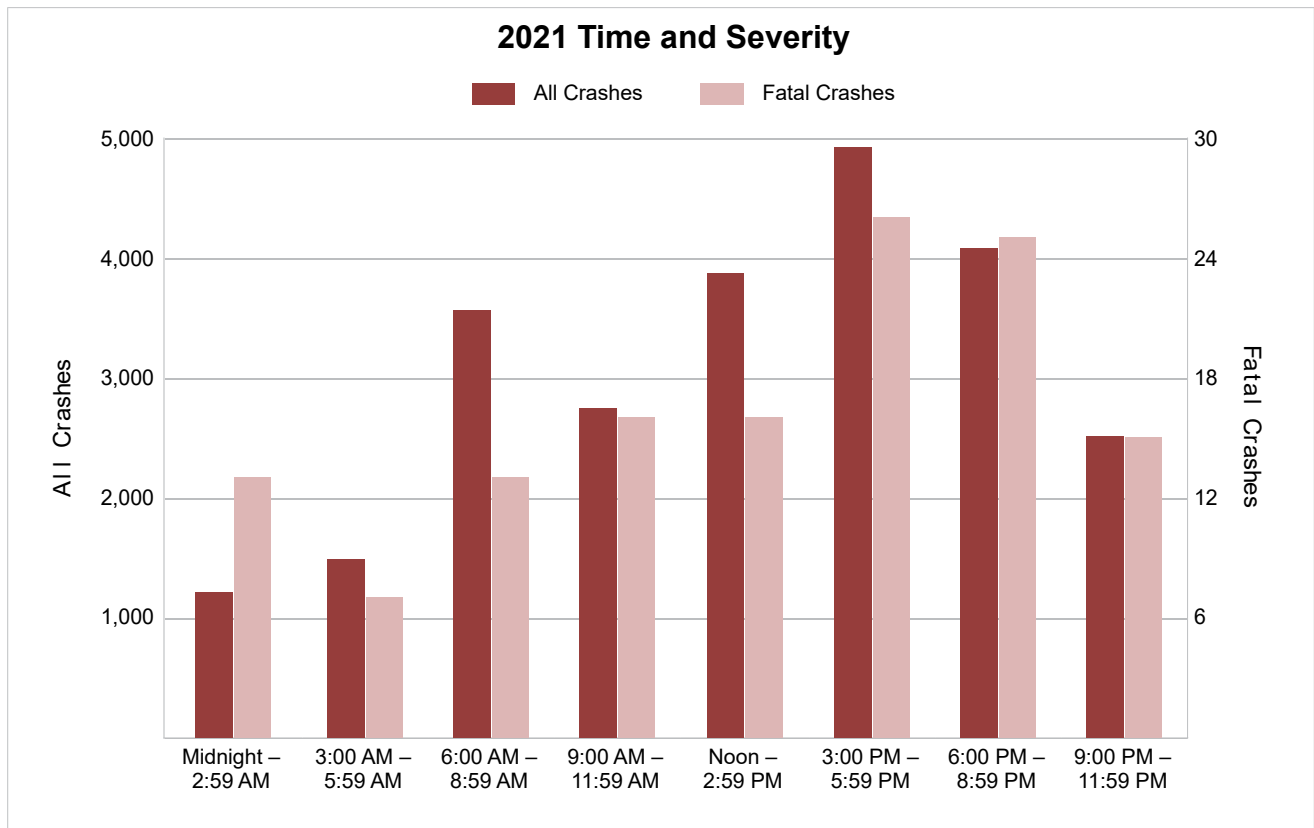
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	1,313	8	1,279	8	1,286	8	1,165	13	1,209	13
3:00 AM – 5:59 AM	1,312	14	1,441	9	1,424	8	1,264	8	1,483	7
6:00 AM – 8:59 AM	3,866	11	4,197	6	4,047	14	2,785	4	3,563	13
9:00 AM – 11:59 AM	2,923	9	2,969	18	3,073	11	2,154	12	2,742	16
Noon – 2:59 PM	3,812	19	3,612	11	3,771	13	3,121	16	3,866	16
3:00 PM – 5:59 PM	5,038 †	15	4,907 †	15	5,260 †	17	4,173 †	12	4,917 †	26
6:00 PM – 8:59 PM	3,724	16	3,621	19	3,960	14	3,723	13	4,078	25
9:00 PM – 11:59 PM	2,342	11	2,513	12	2,335	13	2,197	16	2,510	15
Unknown	15	0	14	0	12	0	17	0	15	0
<b>Total</b>	<b>24,345</b>	<b>103</b>	<b>24,553</b>	<b>98</b>	<b>25,168</b>	<b>98</b>	<b>20,599</b>	<b>94</b>	<b>24,383</b>	<b>131</b>

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



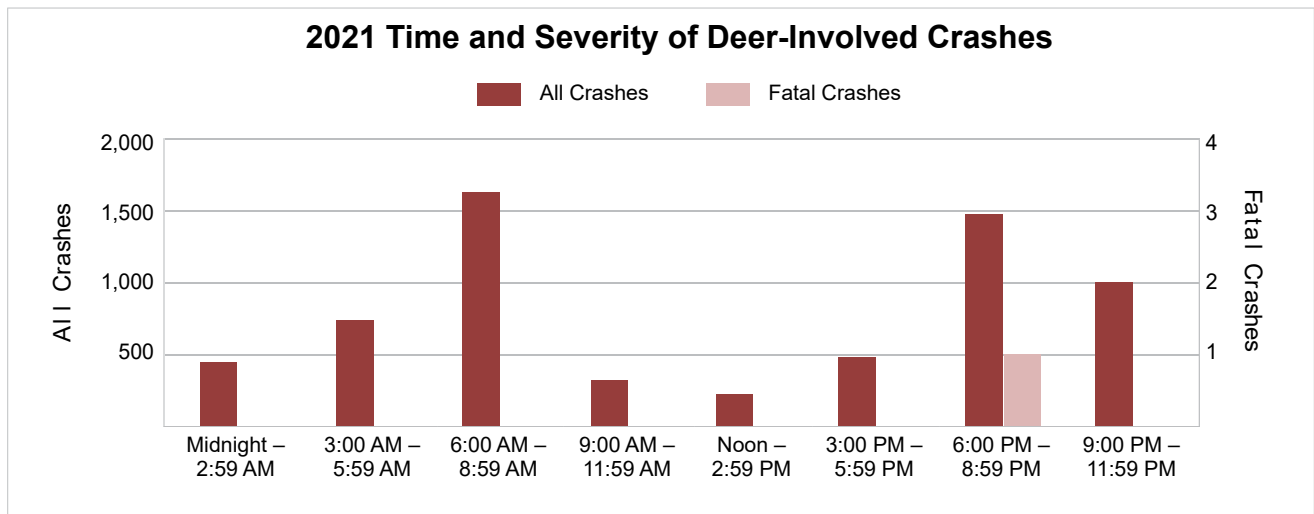
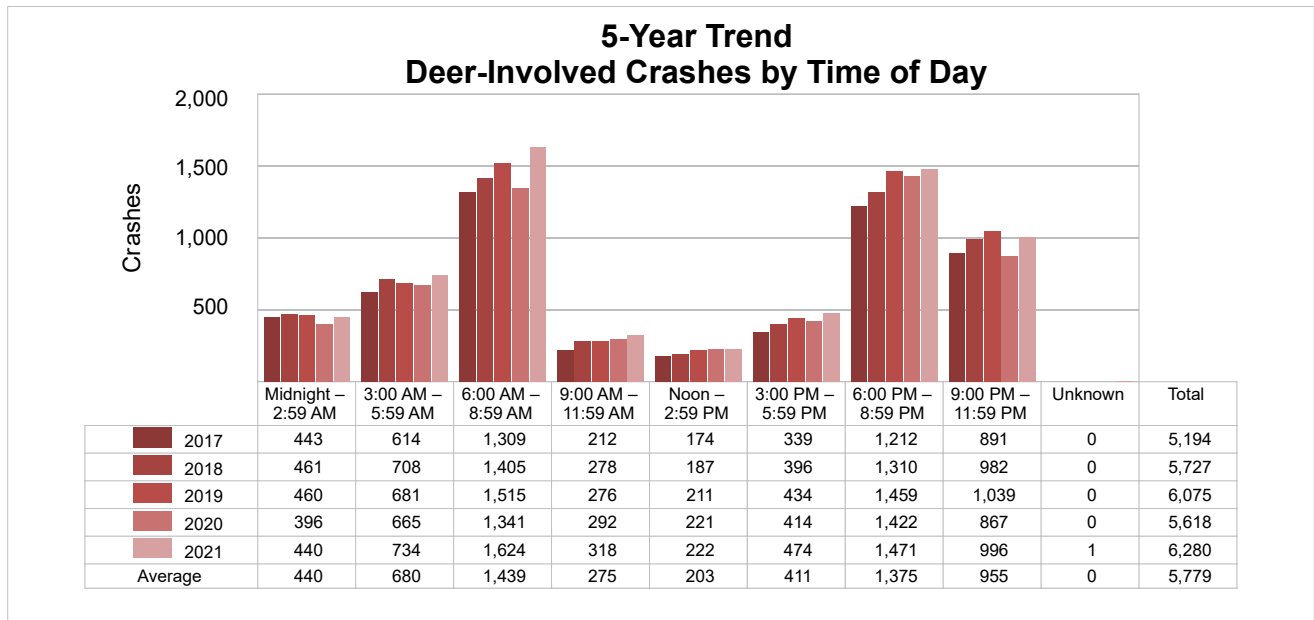
## 2021 - Time and Severity

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	1,209	5.0	13	9.9	34	73	97	992
3:00 AM – 5:59 AM	1,483	6.1	7	5.3	20	74	92	1,290
6:00 AM – 8:59 AM	3,563	14.6	13	9.9	52	112	236	3,150
9:00 AM – 11:59 AM	2,742	11.2	16	12.2	63	153	284	2,226
Noon – 2:59 PM	3,866	15.9	16	12.2	91	273	453	3,033
3:00 PM – 5:59 PM	4,917	20.2	26	19.8	96	307	518	3,970
6:00 PM – 8:59 PM	4,078	16.7	25	19.1	75	212	314	3,452
9:00 PM – 11:59 PM	2,510	10.3	15	11.5	63	126	178	2,128
Unknown	15	0.1	0	0.0	0	1	0	14
<b>Total</b>	<b>24,383</b>	<b>100.0</b>	<b>131</b>	<b>100.0</b>	<b>494</b>	<b>1,331</b>	<b>2,172</b>	<b>20,255</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	443	0	461	0	460	0	396	0	440	0
3:00 AM – 5:59 AM	614	0	708	0	681	0	665	0	734	0
6:00 AM – 8:59 AM	1,309	0	1,405	0	1,515	0	1,341	0	1,624	0
9:00 AM – 11:59 AM	212	0	278	0	276	0	292	0	318	0
Noon – 2:59 PM	174	0	187	0	211	0	221	0	222	0
3:00 PM – 5:59 PM	339	0	396	0	434	0	414	0	474	0
6:00 PM – 8:59 PM	1,212	1	1,310	0	1,459	1	1,422	0	1,471	1
9:00 PM – 11:59 PM	891	0	982	0	1,039	0	867	0	996	0
Unknown	0	0	0	0	0	0	0	0	1	0
<b>Total</b>	<b>5,194</b>	<b>1</b>	<b>5,727</b>	<b>0</b>	<b>6,075</b>	<b>1</b>	<b>5,618</b>	<b>0</b>	<b>6,280</b>	<b>1</b>

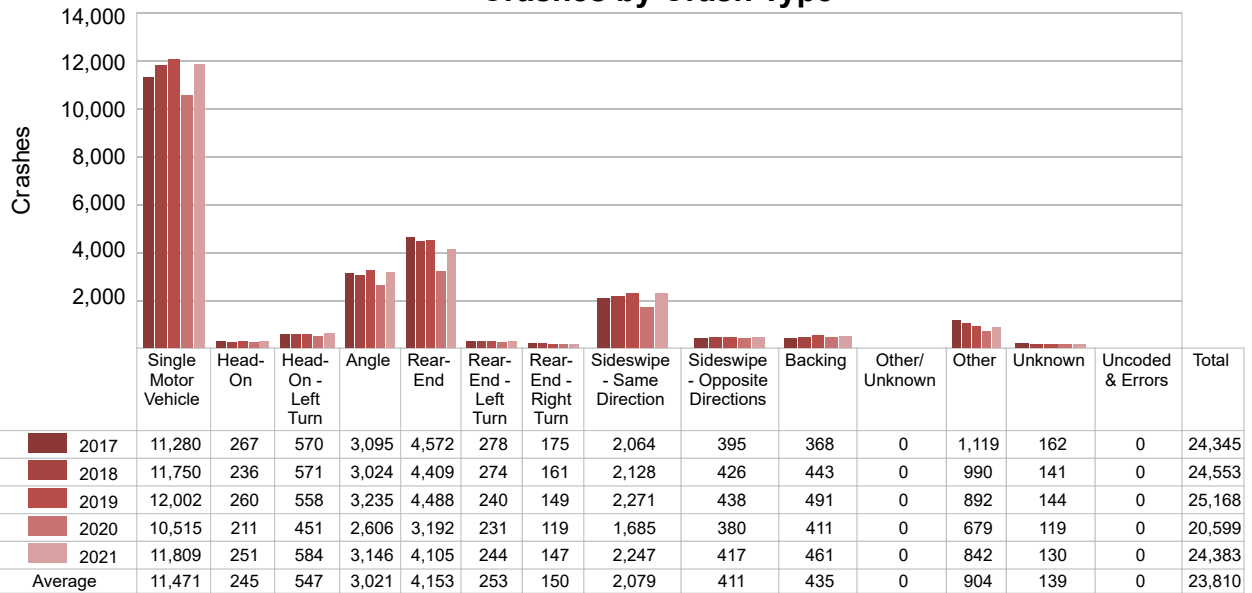




## 5-Year Trend - Crashes by Crash Type

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	11,280	53	11,750	51	12,002	56	10,515	49	11,809	65
Head-On	267	10	236	8	260	7	211	8	251	18
Head-On - Left Turn	570	4	571	3	558	3	451	5	584	3
Angle	3,095	18	3,024	18	3,235	14	2,606	18	3,146	25
Rear-End	4,572	8	4,409	10	4,488	6	3,192	8	4,105	7
Rear-End - Left Turn	278	1	274	1	240	0	231	0	244	0
Rear-End - Right Turn	175	0	161	0	149	0	119	0	147	0
Sideswipe - Same Direction	2,064	1	2,128	0	2,271	3	1,685	2	2,247	3
Sideswipe - Opposite Directions	395	1	426	0	438	0	380	1	417	2
Backing	368	0	443	0	491	0	411	0	461	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	1,119	7	990	7	892	9	679	3	842	7
Unknown	162	0	141	0	144	0	119	0	130	1
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>24,345</b>	<b>103</b>	<b>24,553</b>	<b>98</b>	<b>25,168</b>	<b>98</b>	<b>20,599</b>	<b>94</b>	<b>24,383</b>	<b>131</b>

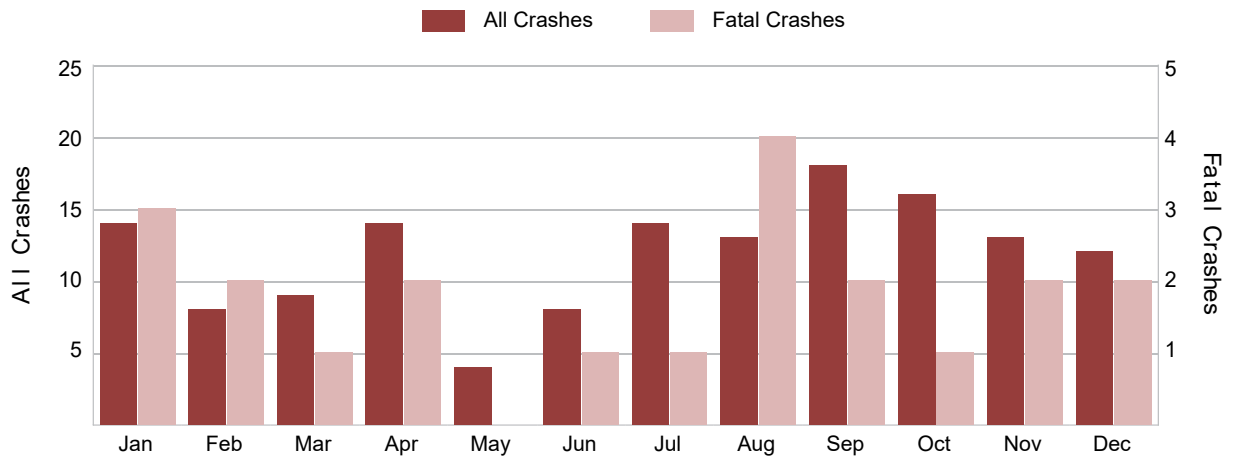
### 5-Year Trend Crashes by Crash Type



5-Year Trend - Pedestrian-Involved Crashes by Month

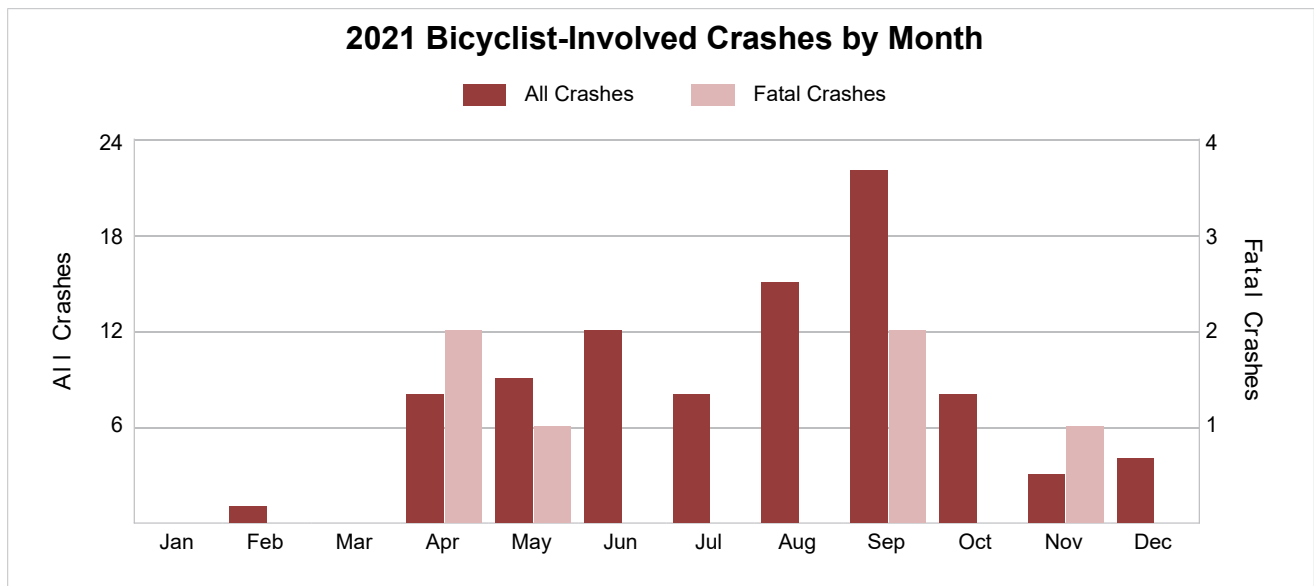
Month	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	20	2	16	2	18	2	17	2	14	3
February	9	0	15	2	10	2	12	0	8	2
March	9	0	10	3	13	1	8	0	9	1
April	7	0	12	0	11	0	3	1	14	2
May	10	0	15	0	13	1	4	0	4	0
June	15	1	5	0	10	1	20	1	8	1
July	13	2	14	1	7	0	8	1	14	1
August	14	3	13	1	13	3	10	2	13	4
September	26	3	15	0	18	0	16	1	18	2
October	20	1	19	2	25	4	9	1	16	1
November	19	1	10	0	15	1	13	2	13	2
December	18	0	14	2	11	1	9	0	12	2
<b>Total</b>	<b>180</b>	<b>13</b>	<b>158</b>	<b>13</b>	<b>164</b>	<b>16</b>	<b>129</b>	<b>11</b>	<b>143</b>	<b>21</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	1	0	2	0	4	0	0	0
February	5	0	1	0	1	0	1	0	1	0
March	5	0	10	0	5	0	3	0	0	0
April	8	0	3	0	7	0	5	0	8	2
May	8	0	15	0	4	0	6	0	9	1
June	15	0	16	0	13	0	15	0	12	0
July	22	1	16	1	22	0	19	0	8	0
August	15	1	23	1	17	0	14	1	15	0
September	13	0	28	2	17	0	7	1	22	2
October	9	0	12	0	8	0	7	1	8	0
November	5	0	3	0	5	0	7	0	3	1
December	1	0	4	0	6	0	2	0	4	0
<b>Total</b>	<b>106</b>	<b>2</b>	<b>132</b>	<b>4</b>	<b>107</b>	<b>0</b>	<b>90</b>	<b>3</b>	<b>90</b>	<b>6</b>



## 2021 - Reported Motor Vehicle Crashes by County

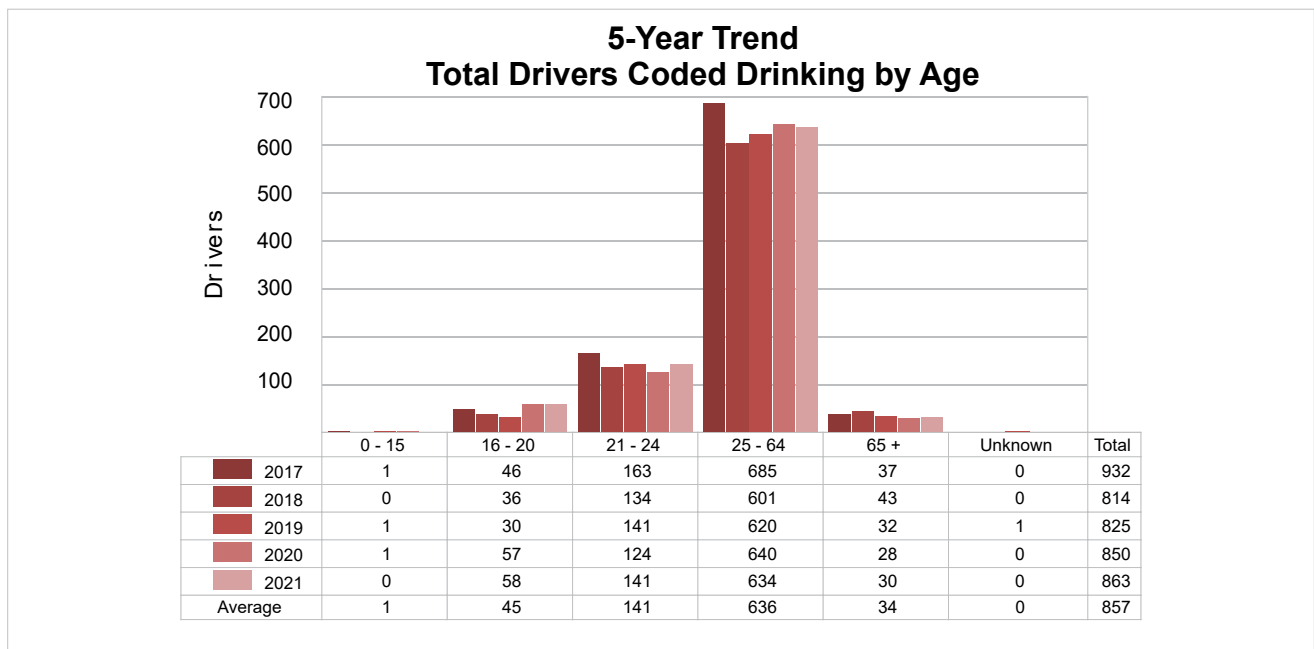
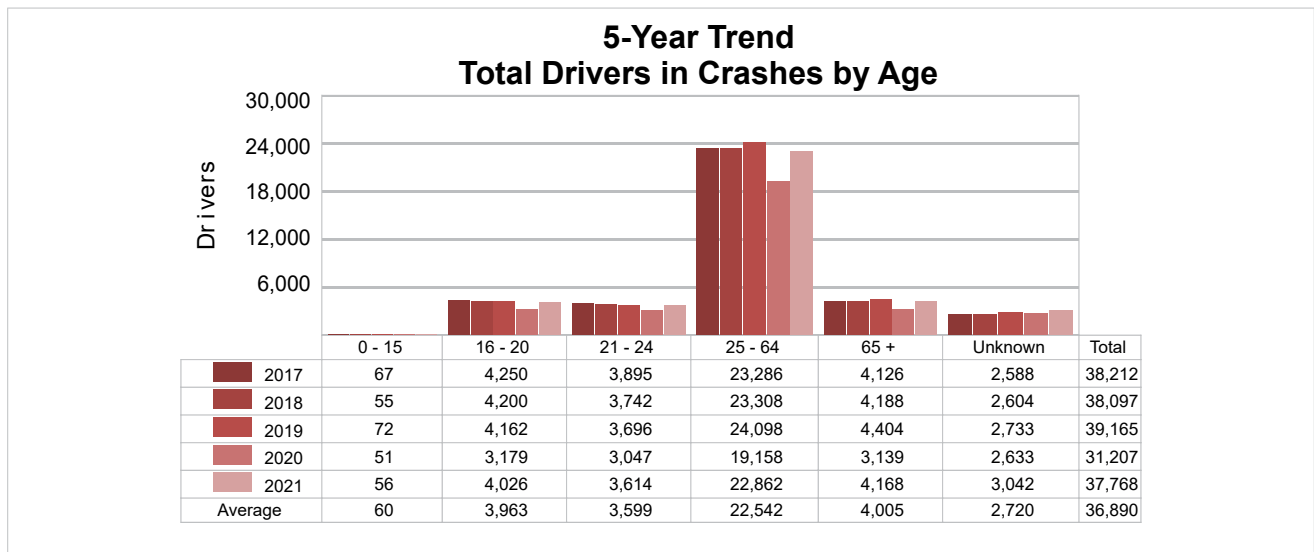
County	Crashes												
	Total	Fatal	Injury	Property Damage	Inter-State	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Pedestrian-Involved	Bicyclist-Involved
Berrien	4,385	24	789	3,572	683	407	935	2,350	174	50	1,013	16	17
Branch	1,704	8	230	1,466	148	406	86	1,056	27	12	808	12	7
Calhoun	4,512	20	602	3,890	1,054	0	1,156	2,284	160	50	1,247	30	9
Cass	1,625	16	219	1,390	0	181	508	936	72	24	657	6	1
Kalamazoo	8,236	38	1,490	6,708	568	345	1,170	6,138	279	84	1,137	55	44
St. Joseph	1,702	9	296	1,397	0	431	399	871	67	17	565	13	4
Van Buren	2,219	16	371	1,832	391	0	463	1,359	93	42	853	11	8
<b>Total</b>	<b>24,383</b>	<b>131</b>	<b>3,997</b>	<b>20,255</b>	<b>2,844</b>	<b>1,770</b>	<b>4,717</b>	<b>14,994</b>	<b>872</b>	<b>279</b>	<b>6,280</b>	<b>143</b>	<b>90</b>

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

County	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Berrien	25	195	508	1,123	6,570	509
Branch	8	64	237	188	2,191	73
Calhoun	21	161	519	730	6,697	391
Cass	17	89	150	252	2,251	85
Kalamazoo	39	397	1,121	2,256	13,571	1,560
St. Joseph	9	104	234	354	2,464	158
Van Buren	17	122	295	397	3,125	121
<b>Total</b>	<b>136</b>	<b>1,132</b>	<b>3,064</b>	<b>5,300</b>	<b>36,869</b>	<b>2,897</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	67	1	55	0	72	1	51	1	56	0
16 - 20	4,250	46	4,200	36	4,162	30	3,179	57	4,026	58
21 - 24	3,895	163	3,742	134	3,696	141	3,047	124	3,614	141
25 - 64	23,286	685	23,308	601	24,098	620	19,158	640	22,862	634
65 +	4,126	37	4,188	43	4,404	32	3,139	28	4,168	30
Unknown	2,588	0	2,604	0	2,733	1	2,633	0	3,042	0
<b>Total</b>	<b>38,212</b>	<b>932</b>	<b>38,097</b>	<b>814</b>	<b>39,165</b>	<b>825</b>	<b>31,207</b>	<b>850</b>	<b>37,768</b>	<b>863</b>



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

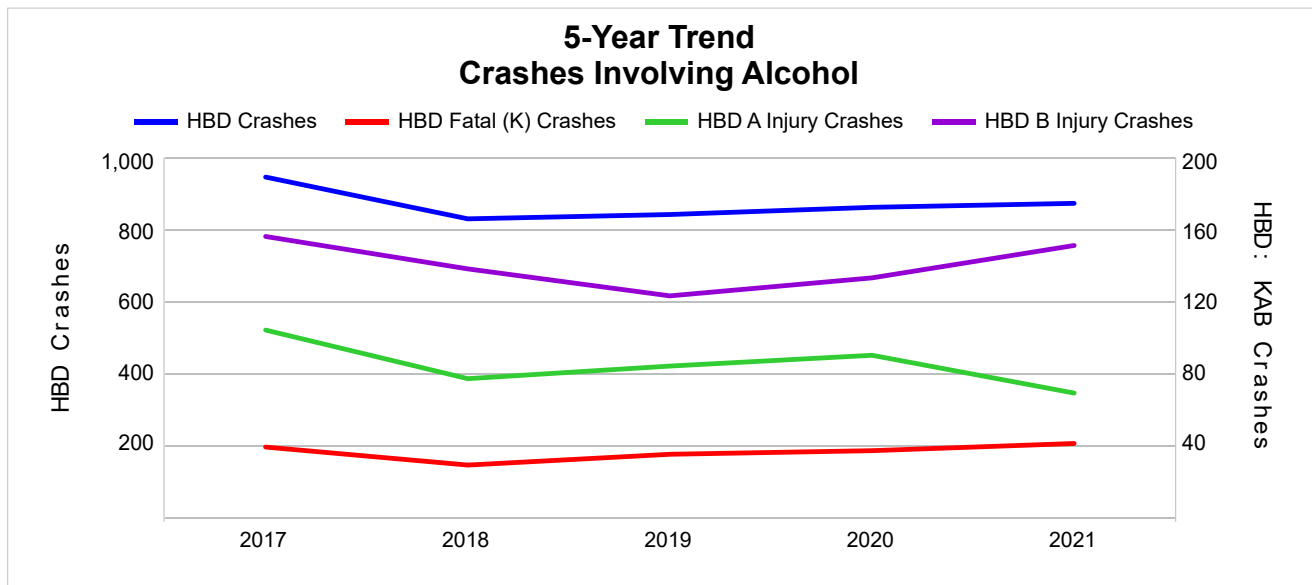
Age Group	Drivers				BAC Result Range for Drivers Coded Drinking				
	Total Drivers in Alcohol-Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	BAC 0.01 g/dL to 0.07 g/dL	BAC 0.08 g/dL to 0.16 g/dL	BAC 0.17 g/dL and Above	BAC Not Reported
0 - 15	0	0	0	0	0	0	0	0	0
16 - 20	84	72	51	58	0	7	19	15	17
21 - 24	164	160	122	141	1	11	44	42	43
25 - 64	842	765	550	634	4	41	127	254	208
65 +	58	56	28	30	0	3	5	10	12
Unknown	76	1	0	0	0	0	0	0	0
<b>Total</b>	<b>1,224</b>	<b>1,054</b>	<b>751</b>	<b>863</b>	<b>5</b>	<b>62</b>	<b>195</b>	<b>321</b>	<b>280</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	24,345	945	3.9	103	39	37.9	512	104	20.3	1,235	156	12.6
2018	24,553	829	3.4	98	29	29.6	449	77	17.1	1,200	138	11.5
2019	25,168	841	3.3	98	35	35.7	467	84	18.0	1,157	123	10.6
2020	20,599	861	4.2	94	37	39.4	463	90	19.4	1,026	133	13.0
2021	24,383	872	3.6	131**	41**	31.3	494	69*	14.0*	1,331**	151	11.3

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.



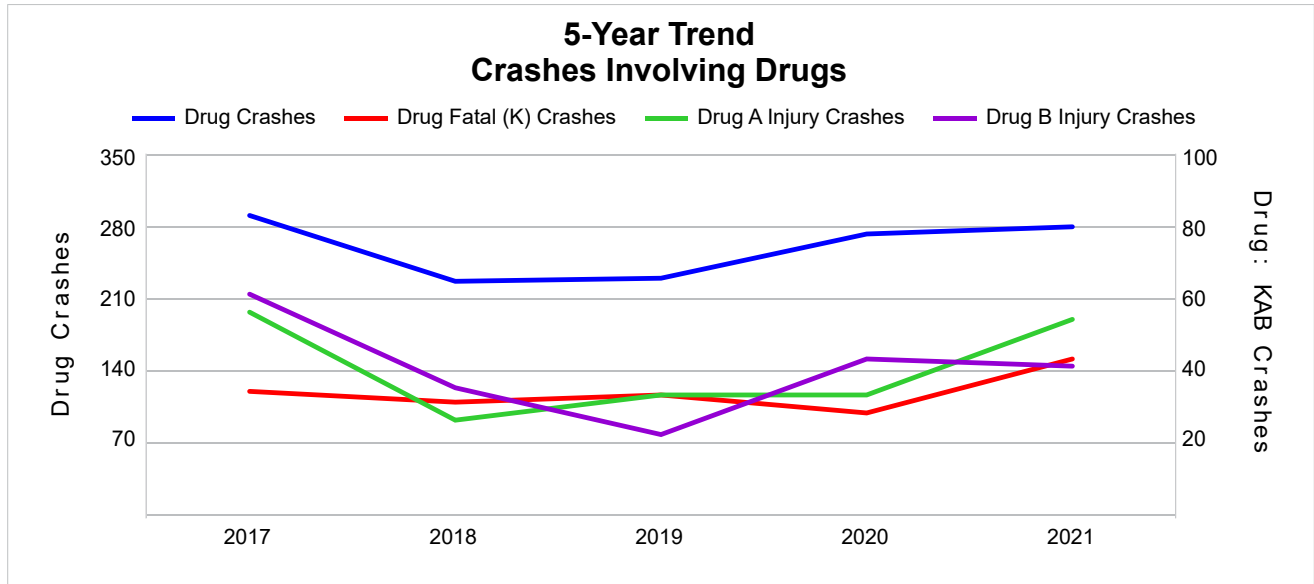
Note: Had-Been-Drinking (HBD)

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	24,345	290	1.2	103	34	33.0	512	56	10.9	1,235	61	4.9
2018	24,553	226	0.9	98	31	31.6	449	26	5.8	1,200	35	2.9
2019	25,168	229	0.9	98	33	33.7	467	33	7.1	1,157	22	1.9
2020	20,599	272	1.3	94	28	29.8	463	33	7.1	1,026	43	4.2
2021	24,383	279	1.1	131**	43**	32.8	494	54	10.9	1,331**	41	3.1

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

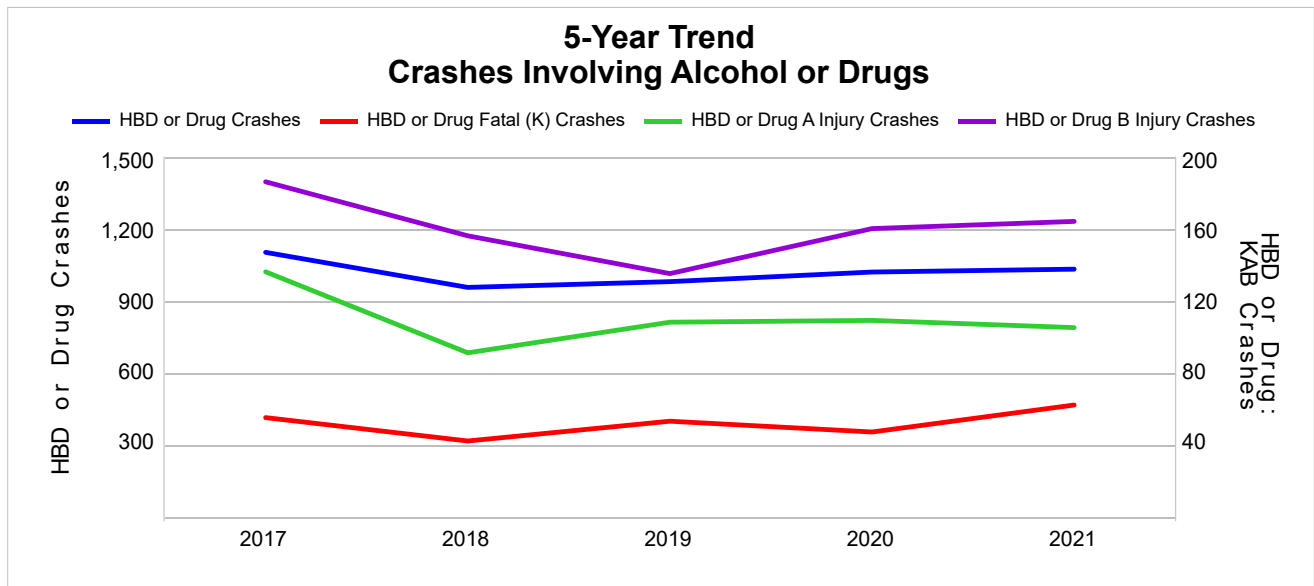
\*\* Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column.



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	24,345	1,101	4.5	103	55	53.4	512	136	26.6	1,235	186	15.1
2018	24,553	955	3.9	98	42	42.9	449	91	20.3	1,200	156	13.0
2019	25,168	979	3.9	98	53	54.1	467	108	23.1	1,157	135	11.7
2020	20,599	1,019	4.9	94	47	50.0	463	109	23.5	1,026	160	15.6
2021	24,383	1,031	4.2	131 **	62 **	47.3	494	105	21.3	1,331 **	164	12.3

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	30,844	26,600	86.2	77	40	51.9	384	261	68.0	1,246	1,087	87.2	2,657	2,377	89.5	25,023	22,835	91.3
Motor Home	153	140	91.5	0	0	0.0	0	0	0.0	4	4	100.0	12	12	100.0	131	124	94.7
Pickup Truck	4,726	4,164	88.1	10	3	30.0	60	44	73.3	166	146	88.0	292	259	88.7	3,951	3,712	94.0
Small Truck Under 10,000 lbs. GVWR	203	173	85.2	0	0	0.0	4	4	100.0	7	6	85.7	7	6	85.7	169	157	92.9
Motorcycle	340	163	47.9	17	8	47.1	90	42	46.7	114	56	49.1	42	24	57.1	66	33	50.0
Moped/Goped	44	14	31.8	0	0	0.0	6	2	33.3	17	3	17.6	12	6	50.0	6	3	50.0
Go-Cart/Golf Cart	4	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	1	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)	28	0	0.0	3	0	0.0	8	0	0.0	5	0	0.0	4	0	0.0	6	0	0.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	165	95	57.6	1	0	0.0	2	0	0.0	6	3	50.0	13	7	53.8	126	85	67.5
Truck/Bus (over 10,000 lbs. GVWR/ 8+ occupants/ hazmat placard)	1,456	1,293	88.8	2	1	50.0	10	9	90.0	37	35	94.6	54	46	85.2	1,294	1,202	92.9
Uncoded & Errors	1,119	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	51	0	0.0
<b>Total</b>	<b>39,082</b>	<b>32,642</b>	<b>83.5</b>	<b>110</b>	<b>52</b>	<b>47.3</b>	<b>565</b>	<b>362</b>	<b>64.1</b>	<b>1,602</b>	<b>1,340</b>	<b>83.6</b>	<b>3,094</b>	<b>2,737</b>	<b>88.5</b>	<b>30,824</b>	<b>28,151</b>	<b>91.3</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	375	313	83.5	3	3	100.0	20	12	60.0	91	75	82.4	214	189	88.3	46	34	73.9
16 - 20	4,229	3,840	90.8	5	3	60.0	60	33	55.0	210	176	83.8	384	336	87.5	3,563	3,292	92.4
21 - 24	3,755	3,342	89.0	12	3	25.0	53	36	67.9	187	148	79.1	332	274	82.5	3,153	2,881	91.4
25 - 64	23,376	21,162	90.5	67	32	47.8	360	229	63.6	904	750	83.0	1,781	1,589	89.2	20,157	18,562	92.1
65 +	4,305	3,985	92.6	23	11	47.8	72	52	72.2	210	191	91.0	378	349	92.3	3,608	3,382	93.7
Unknown	3,042	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	0	0.0	297	0	0.0
<b>Total</b>	<b>39,082</b>	<b>32,642</b>	<b>83.5</b>	<b>110</b>	<b>52</b>	<b>47.3</b>	<b>565</b>	<b>362</b>	<b>64.1</b>	<b>1,602</b>	<b>1,340</b>	<b>83.6</b>	<b>3,094</b>	<b>2,737</b>	<b>88.5</b>	<b>30,824</b>	<b>28,151</b>	<b>91.3</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	64	2	9	68	1	10	72	0	16	82	1	13	102	1	9
Shoulder Belt Only Used	227	1	37	204	0	21	204	1	20	203	0	25	234	0	27
Lap Belt Only Used	99	1	12	99	0	13	87	0	13	42	0	5	73	0	10
Both Lap & Shoulder Belt Used	32,566	34	3,404	32,417	24	3,261	33,414	30	3,223	25,658	26	2,637	31,096	35	3,227
No Belts Used	251	16	99	217	17	105	199	22	76	215	12	98	233	23	125
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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Failure	19	0	4	6	0	0	13	1	1	10	0	1	15	0	4
Restraint Use Unknown	4,575	10	256	4,739	14	226	4,861	9	222	4,653	9	200	5,651	11	297
Helmet Worn	197	6	136	155	5	110	147	4	109	161	5	123	168	8	124
Helmet Not Worn	136	6	103	126	6	101	140	6	106	160	9	120	169	11	131
Helmet Use Unknown	19	1	10	13	1	7	20	0	10	22	3	10	22	1	13
Uncoded & Errors	58	0	1	53	0	0	8	0	0	1	0	0	5	0	0
<b>Total</b>	<b>38,212</b>	<b>77</b>	<b>4,071</b>	<b>38,097</b>	<b>68</b>	<b>3,854</b>	<b>39,165</b>	<b>73</b>	<b>3,796</b>	<b>31,207</b>	<b>65</b>	<b>3,232</b>	<b>37,768</b>	<b>90</b>	<b>3,967</b>

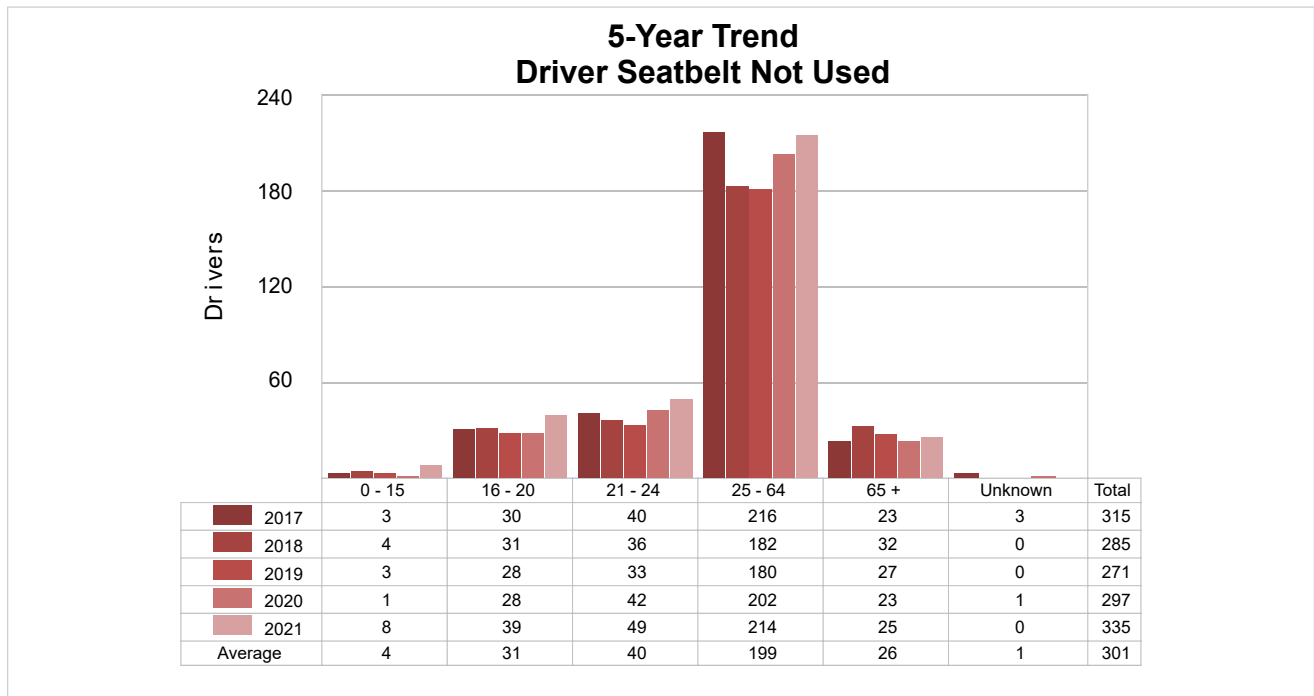
## 5-Year Trend - Restraint Use Among Drivers Coded Drinking

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	1	0	1	3	0	2	3	0	3	1	0	0
Shoulder Belt Only Used	5	1	3	4	0	1	1	0	0	6	0	2	8	0	1
Lap Belt Only Used	2	0	0	2	0	1	1	0	1	2	0	2	0	0	0
Both Lap & Shoulder Belt Used	625	10	194	557	4	174	567	7	159	578	2	190	591	9	177
No Belts Used	53	9	31	48	6	31	45	10	24	39	4	22	54	11	34
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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Failure	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Restraint Use Unknown	203	3	71	177	3	64	177	4	48	195	4	53	186	3	61
Helmet Worn	12	3	8	5	1	4	7	0	7	6	0	5	6	1	5
Helmet Not Worn	28	3	23	20	4	15	22	2	20	17	2	11	16	4	10
Helmet Use Unknown	3	1	2	0	0	0	1	0	1	4	1	2	1	0	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>932</b>	<b>30</b>	<b>332</b>	<b>814</b>	<b>18</b>	<b>291</b>	<b>825</b>	<b>23</b>	<b>262</b>	<b>850</b>	<b>13</b>	<b>290</b>	<b>863</b>	<b>28</b>	<b>288</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	3	0	1	4	0	1	3	0	1	1	0	0	8	0	2
16 - 20	30	1	11	31	2	13	28	0	13	28	1	13	39	1	20
21 - 24	40	6	15	36	1	17	33	3	13	42	0	17	49	5	20
25 - 64	216	10	71	182	12	72	180	17	59	202	10	73	214	14	82
65 +	23	1	10	32	3	12	27	2	6	23	2	7	25	4	10
Unknown	3	0	0	0	0	0	0	0	0	1	0	1	0	0	0
<b>Total</b>	<b>315</b>	<b>18</b>	<b>108</b>	<b>285</b>	<b>18</b>	<b>115</b>	<b>271</b>	<b>22</b>	<b>92</b>	<b>297</b>	<b>13</b>	<b>111</b>	<b>335</b>	<b>24</b>	<b>134</b>

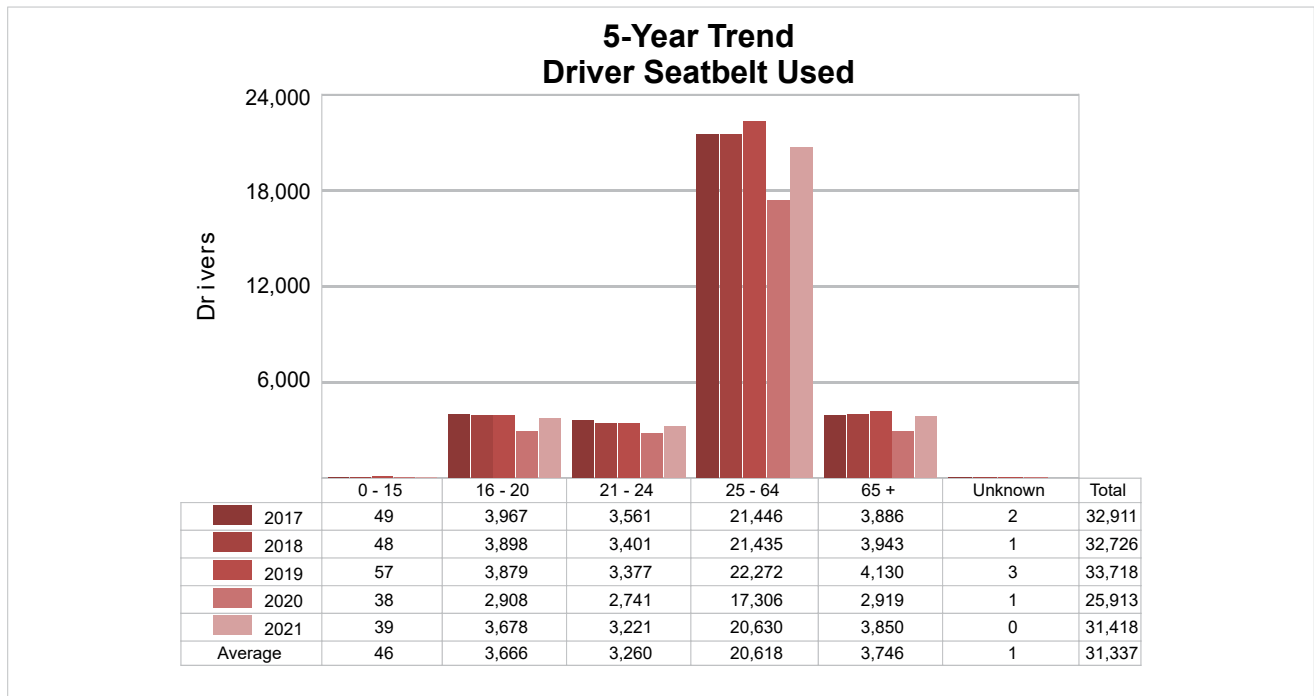
Note: Seatbelt Not Used includes no belts available or no belts used.



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	49	0	7	48	0	6	57	0	9	38	0	6	39	0	5
16 - 20	3,967	0	414	3,898	0	404	3,879	1	361	2,908	2	310	3,678	3	388
21 - 24	3,561	3	379	3,401	1	360	3,377	3	358	2,741	2	284	3,221	2	341
25 - 64	21,446	26	2,170	21,435	13	2,065	22,272	18	2,105	17,306	14	1,721	20,630	22	2,069
65 +	3,886	7	487	3,943	10	460	4,130	10	423	2,919	8	346	3,850	8	465
Unknown	2	0	0	1	0	0	3	0	1	1	0	1	0	0	0
<b>Total</b>	<b>32,911</b>	<b>36</b>	<b>3,457</b>	<b>32,726</b>	<b>24</b>	<b>3,295</b>	<b>33,718</b>	<b>32</b>	<b>3,257</b>	<b>25,913</b>	<b>26</b>	<b>2,668</b>	<b>31,418</b>	<b>35</b>	<b>3,268</b>

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



5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	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	20,093	72	20,355	56	21,058	60	17,003	53	20,630	76
Speed Too Fast	3,423	19	3,283	22	3,473	20	2,226	18	2,538	25
Speed Too Slow	39	1	37	1	22	1	15	0	13	0
Failed to Yield	3,276	6	3,197	13	3,226	9	2,632	13	3,308	15
Disregard Traffic Control	710	10	732	8	693	8	649	5	764	6
Drove Wrong Way	25	1	26	0	20	0	25	1	21	0
Drove Left of Center	197	6	241	5	250	7	245	6	241	7
Improper Passing	173	0	198	1	212	0	171	1	228	2
Improper Lane Use	801	1	769	1	795	3	576	2	879	4
Improper Turn	409	2	413	0	391	0	378	2	434	2
Improper/No Signal	28	0	28	0	37	0	27	0	37	1
Improper Backing	506	1	535	0	496	0	398	0	443	0
Unable to Stop in Assured Clear Distance	4,247	4	4,120	6	4,102	4	2,954	4	3,685	6
Other	1,344	7	1,308	4	1,411	6	1,130	6	1,293	14
Unknown	1,518	15	1,618	14	1,852	24	1,704	25	2,107	34
Reckless Driving	242	6	206	7	196	1	224	5	206	7
Careless/Negligent Driving	1,176	14	1,025	12	928	10	849	5	939	7
Uncoded & Errors	5	0	6	0	3	0	1	0	2	0
<b>Total</b>	<b>38,212</b>	<b>165</b>	<b>38,097</b>	<b>150</b>	<b>39,165</b>	<b>153</b>	<b>31,207</b>	<b>146</b>	<b>37,768</b>	<b>206</b>

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