



2019

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

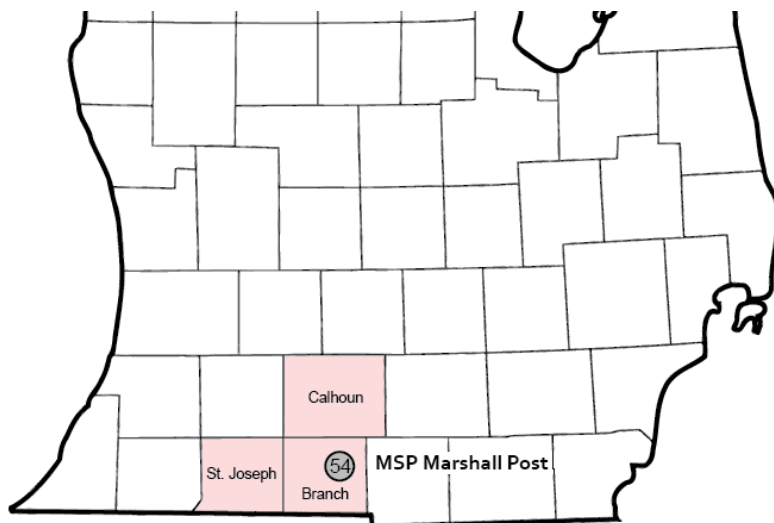
Property Damage Only (PDO)



Michigan State Police (MSP) Post 54 - Marshall

2019 Traffic Crash Data & 2015-2019 5-Year Trends

Post 54 is comprised of Branch, Calhoun, and St. Joseph counties.
Trend tables for this report are based on those counties.



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.

This page left intentionally blank

MSP Post 54 - Marshall

- There were 7,590 crashes in Post 54 during 2019. [Page 1]
- A total of 37 fatalities resulted from 32 fatal crashes in 2019 in Post 54. [Page 1]
- There were 1,320 injuries and 960 injury crashes. [Page 1]
- There were 6,598 property damage only crashes (no fatalities or injuries). [Page 1]
- November had the highest number of crashes (952). [Pages 1-2]
- July had the highest number of fatal crashes (6) and fatalities (6). [Pages 1-2]
- July had the highest number of injury crashes (97) while May had the highest number of injuries (140). [Page 1]
- November had the highest number of property damage only crashes (862). [Page 1]
- Of all vehicles involved in fatal crashes, 5 (10.6%) were motorcycles. [Page 1]
- Friday was the day of the week with the highest number of crashes (1,238) and fatal crashes (7). [Pages 2-3]
- The 3:00 PM - 5:59 PM time period had the highest number of crashes (1,426). This holds true for every year between 2015 and 2019. The 6:00 PM - 8:59 PM time period had the highest number of fatal crashes (7). [Pages 5-6]
- During the period from 2015 to 2019, the highest number of deer crashes occurred in 2019 (2,650). The 6:00 PM - 8:59 PM time period had the highest number of deer-involved crashes. There was 1 fatal crash involving deer in 2019. [Pages 7-8]
- Calhoun County (56.2%) had the highest number of crashes in Post 54 in 2019, followed by St. Joseph County (23.1%), and Branch County (20.7%). [Page 8]
- Calhoun County (62.2%) had the highest number of fatalities in Post 54 in 2019, followed by St. Joseph County (24.3%), and Branch County (13.5%). [Page 8]
- The highest number of drivers in crashes (11,904) occurred during 2016 and the highest number of drivers coded drinking in crashes (270) occurred during 2017 within the five year period between 2015 and 2019. [Page 9]
- A total of 227 crashes involved alcohol in 2019. [Page 11]
- Alcohol-involved fatal crashes were the highest in 2019 during the five-year period from 2015 to 2019 at 13. [Page 11]
- A total of 78 crashes, 10 fatal crashes, and 12 suspected serious injury crashes involved drugs in 2019. [Page 12]
- There were 9,544 drivers wearing seatbelts and 73 drivers not wearing seatbelts in crashes in 2019. Of the 73 drivers not wearing seat belts, 6 (8.2%) were killed and 22 (30.1%) were injured. [Pages 15-17]
- The most common hazardous action coded for drivers in 2019 in all crashes was speed too fast (1,026), while the most common hazardous action coded for drivers in fatal crashes was speed too fast (10). [Page 18]

MSP Post 54 - Marshall (continued)

Post 54 Experience

In 2019:

There were 10,902 drivers involved in 7,590 motor vehicle crashes in MSP Post 54. Of those crashes, 32 were classified as fatal, resulting in 37 fatalities. An additional 1,320 persons were injured.

Post 54 experienced the highest number of motor vehicle crashes (952) in November, the highest number of fatal crashes (6) and the highest number of persons killed (6) in July.

Michigan driver statistics indicate 6.1 percent of licensed drivers in Post 54 were age 16-20, and 10.0 percent of drivers in crashes were also in that age group.

2019 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	768	3	81	684	4	111
February	617	2	66	549	2	84
March	555	3	61	491	3	97
April	457	1	69	387	1	100
May	630	4	96	530	4	140
June	573	2	82	489	4	114
July	569	6	97	466	6	137
August	500	3	88	409	3	122
September	517	2	81	434	2	100
October	807	2	86	719	4	122
November	952	1	89	862	1	101
December	645	3	64	578	3	92
Total	7,590	32	960	6,598	37	1,320

2019 - Driver Statistics

Age Group	Post 54			Driver Rates	
	2019 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	48,786	1,015	25	5.1	246.3
16 - 20	15,020	10,113	1,086	723.0	1,073.9
21 - 24	11,417	9,409	927	811.9	985.2
25 - 64	119,597	106,804	6,875	574.8	643.7
65 +	43,820	39,034	1,295	295.5	331.8
Unknown	0	0	694	--	--
Total	238,640	166,375	10,902	456.8	655.3

2019 - 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	8,347	76.6	28	59.6	1,180	7,139
Motor home	75	0.7	0	0.0	6	69
Pickup truck	1,604	14.7	6	12.8	225	1,373
Small truck under 10,000 lbs. GVWR	112	1.0	1	2.1	11	100
Motorcycle	80	0.7	5	10.6	60	15
Moped / goped	14	0.1	1	2.1	11	2
Go-cart / golf cart	1	0.0	0	0.0	0	1
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	4	0.0	0	0.0	3	1
Other	55	0.5	0	0.0	8	47
Truck/bus over 10,000 lbs.	430	3.9	6	12.8	87	337
Unknown	180	1.7	0	0.0	7	173
Total	10,902	100.0	47	100.0	1,598	9,257

5-Year Trend - Crashes by Month

Month	2015		2016		2017		2018		2019	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	877	2	779	4	696	1	820	1	768	3
February	673	2	693	3	510	1	630	5	617	2
March	586	2	600	0	508	3	591	4	555	3
April	478	2	500	6	386	1	524	1	457	1
May	522	2	614	3	599	6	626	3	630	4
June	614	5	561	2	596	1	631	1	573	2
July	604	3	556	6	529	3	517	4	569	6
August	493	3	581	2	512	4	506	3	500	3
September	551	4	592	4	534	2	538	4	517	2
October	749	3	742	7	760	1	757	7	807	2
November	972	1	843	2	799	1	1,054	1	952	1
December	802	2	954	5	977	4	657	0	645	3
Total	7,921	31	8,015	44	7,406	28	7,851	34	7,590	32

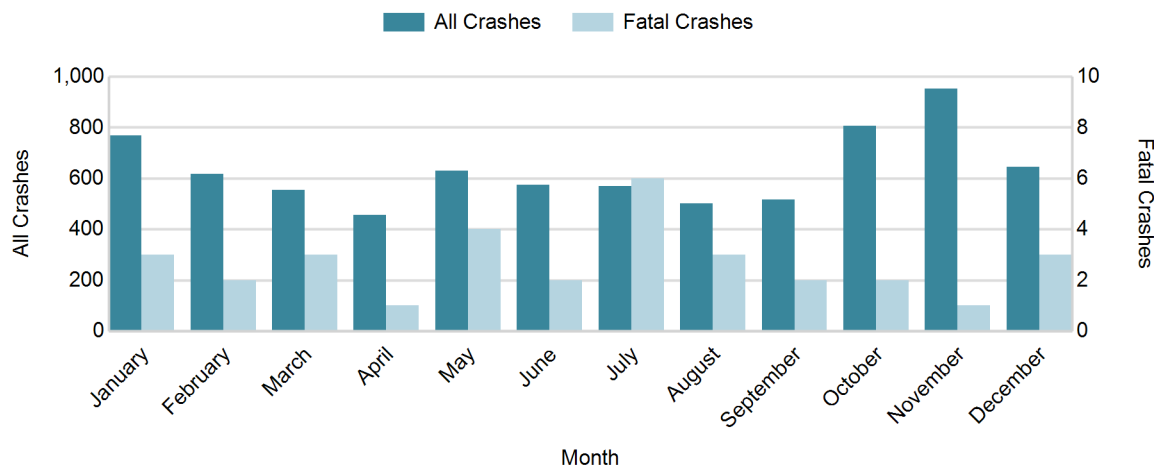
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2015		2016		2017		2018		2019	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	1,127	4	1,092	5	1,115	0	1,256	1	1,112	4
Tuesday	1,076	1	1,165	6	1,044	1	1,159	7	1,150	2
Wednesday	1,169	5	1,212	5	1,058	1	1,149	3	1,179	4
Thursday	1,144	5	1,238	6	1,051	8	1,148	6	1,076	5
Friday	1,350 †	6	1,387 †	7	1,225 †	5	1,324 †	5	1,238 †	7
Saturday	1,209	3	1,038	9	997	9	950	7	994	6
Sunday	846	7	883	6	916	4	865	5	841	4
Total	7,921	31	8,015	44	7,406	28	7,851	34	7,590	32

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

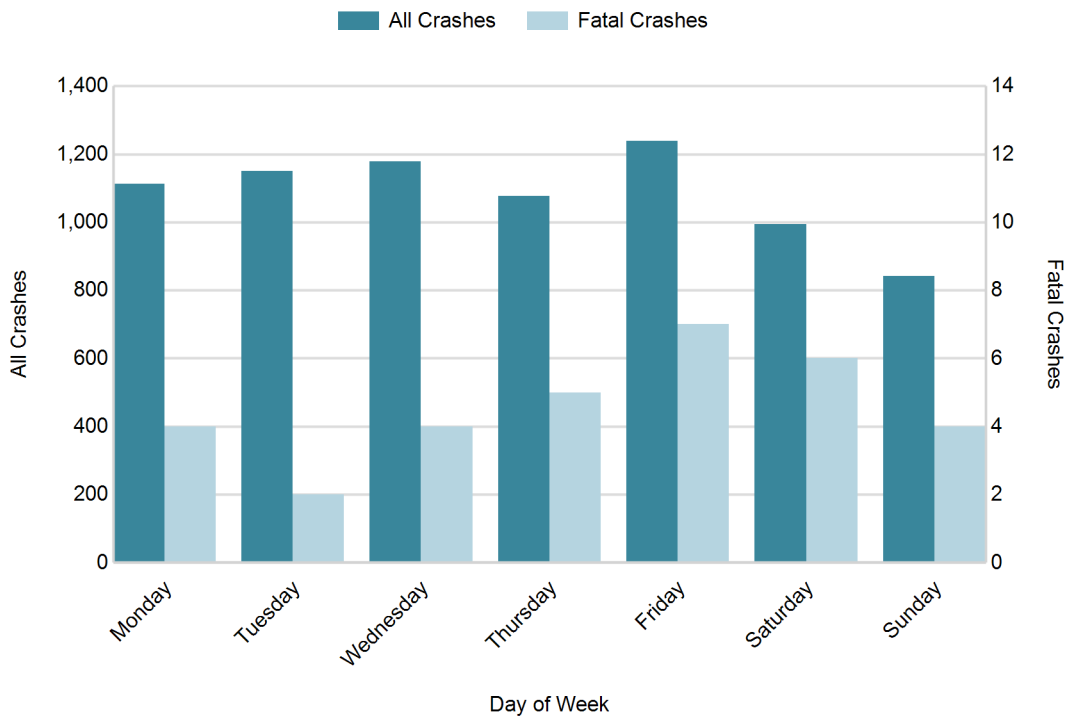
2019 Crashes by Month



2019 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	1,112	14.7	4	12.5	14	50	75	969
Tuesday	1,150	15.2	2	6.3	16	47	79	1,006
Wednesday	1,179	15.5	4	12.5	21	45	75	1,034
Thursday	1,076	14.2	5	15.6	14	56	79	922
Friday	1,238	16.3	7	21.9	19	58	95	1,059
Saturday	994	13.1	6	18.8	18	45	61	864
Sunday	841	11.1	4	12.5	12	39	42	744
Total	7,590	100.0	32	100.0	114	340	506	6,598

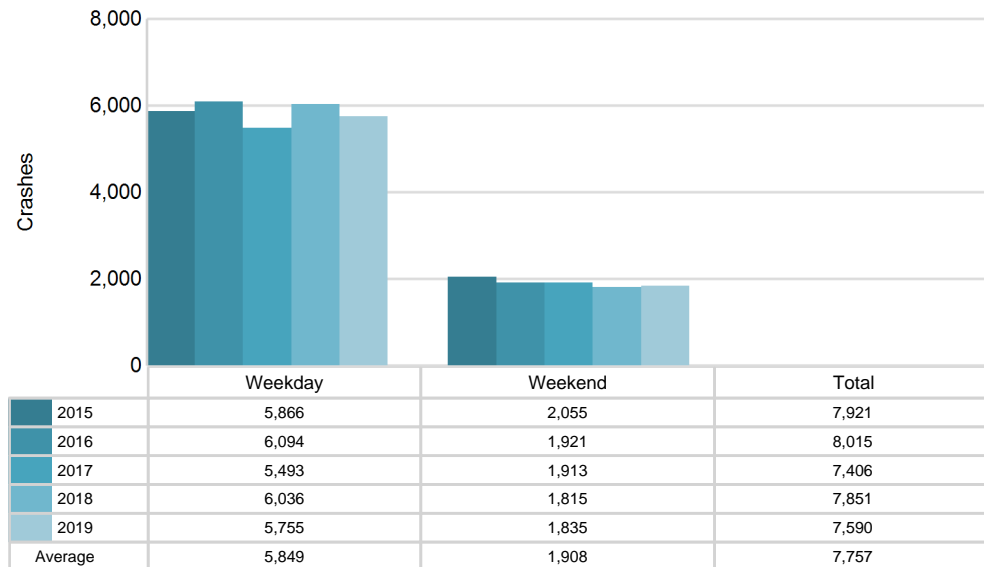
2019 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2015		2016		2017		2018		2019	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	5,866	21	6,094	29	5,493	15	6,036	22	5,755	22
Weekend	2,055	10	1,921	15	1,913	13	1,815	12	1,835	10
Total	7,921	31	8,015	44	7,406	28	7,851	34	7,590	32

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

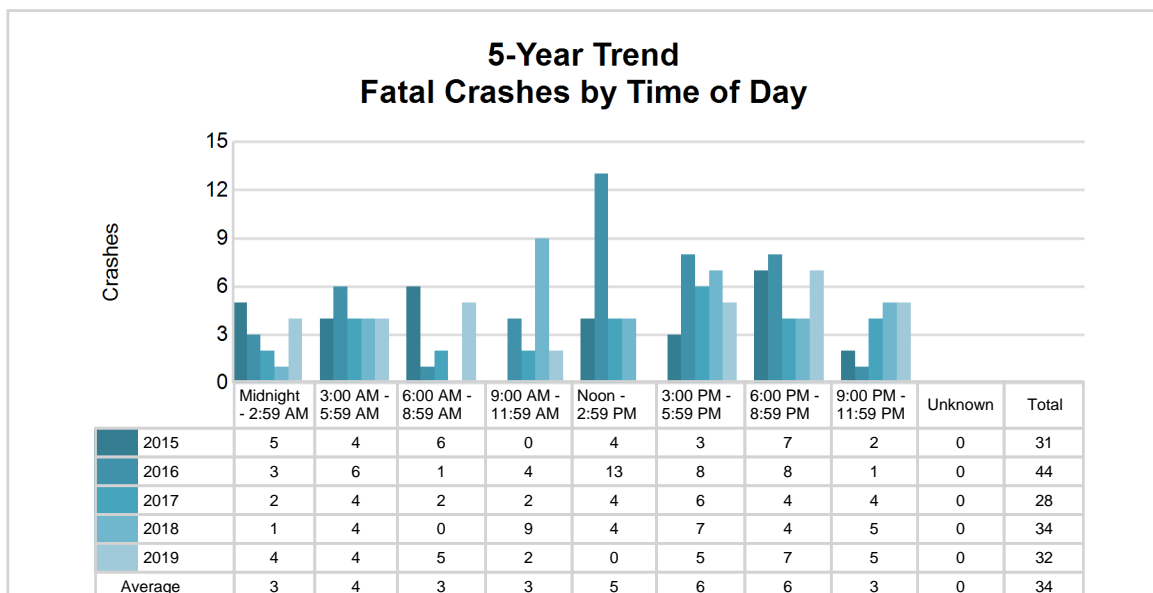
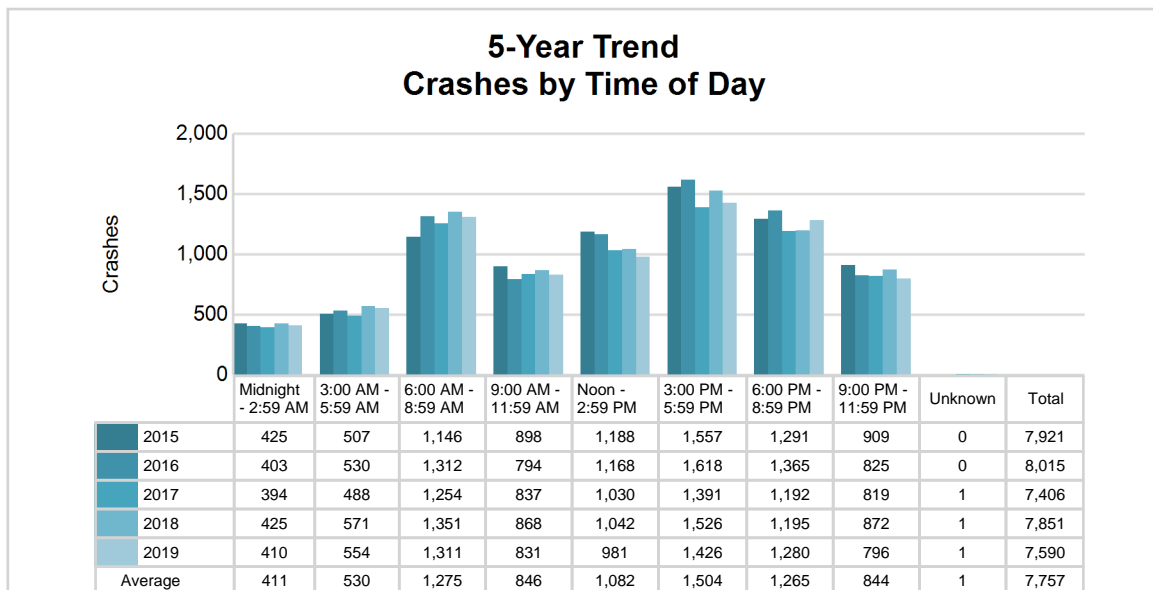


MSP Post 54 - Marshall (continued)

5-Year Trend - Crashes by Time of Day

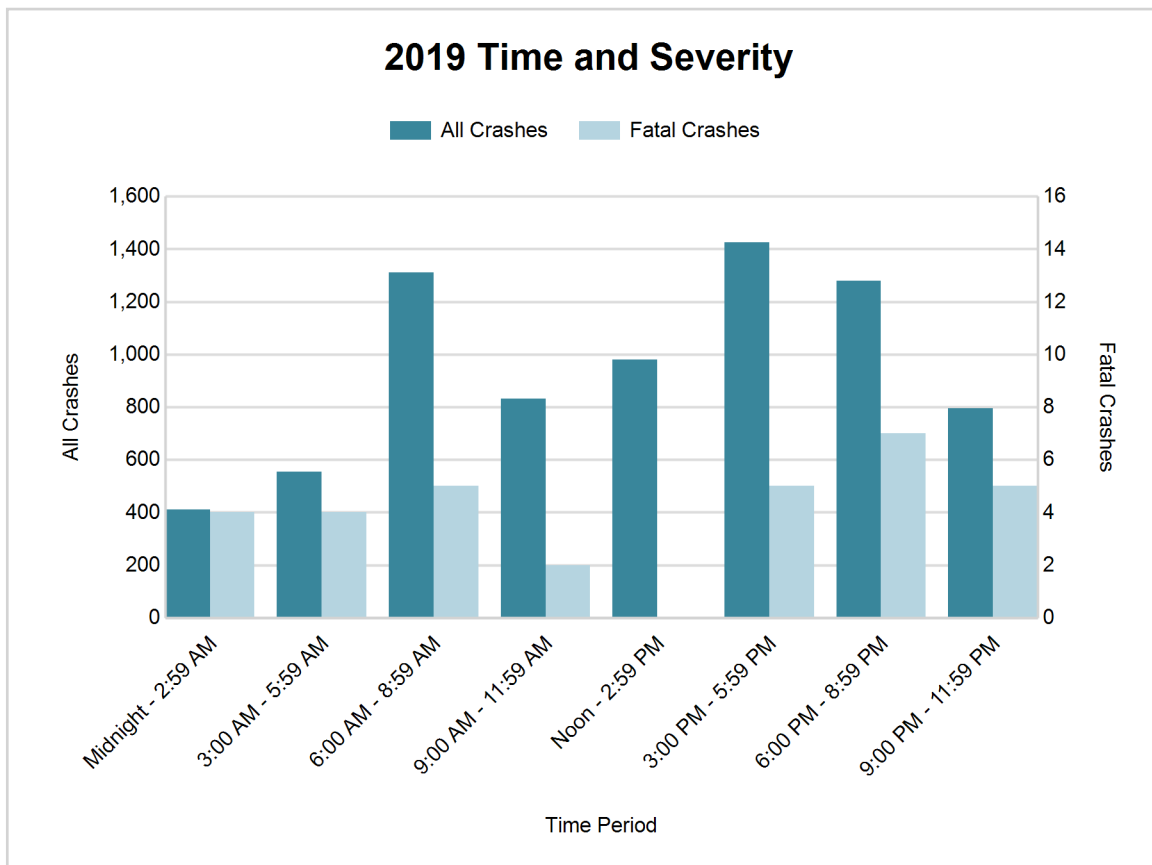
Time of Day	2015		2016		2017		2018		2019	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	425	5	403	3	394	2	425	1	410	4
3:00 AM - 5:59 AM	507	4	530	6	488	4	571	4	554	4
6:00 AM - 8:59 AM	1,146	6	1,312	1	1,254	2	1,351	0	1,311	5
9:00 AM - 11:59 AM	898	0	794	4	837	2	868	9	831	2
Noon - 2:59 PM	1,188	4	1,168	13	1,030	4	1,042	4	981	0
3:00 PM - 5:59 PM	1,557 †	3	1,618 †	8	1,391 †	6	1,526 †	7	1,426 †	5
6:00 PM - 8:59 PM	1,291	7	1,365	8	1,192	4	1,195	4	1,280	7
9:00 PM - 11:59 PM	909	2	825	1	819	4	872	5	796	5
Unknown	0	0	0	0	1	0	1	0	1	0
Total	7,921	31	8,015	44	7,406	28	7,851	34	7,590	32

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



2019 - 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	410	5.4	4	12.5	3	24	28	351
3:00 AM - 5:59 AM	554	7.3	4	12.5	7	16	31	496
6:00 AM - 8:59 AM	1,311	17.3	5	15.6	13	45	63	1,185
9:00 AM - 11:59 AM	831	10.9	2	6.3	9	47	56	717
Noon - 2:59 PM	981	12.9	0	0.0	29	45	104	803
3:00 PM - 5:59 PM	1,426	18.8	5	15.6	29	75	123	1,194
6:00 PM - 8:59 PM	1,280	16.9	7	21.9	16	51	67	1,139
9:00 PM - 11:59 PM	796	10.5	5	15.6	8	37	34	712
Unknown	1	0.0	0	0.0	0	0	0	1
Total	7,590	100.0	32	100.0	114	340	506	6,598

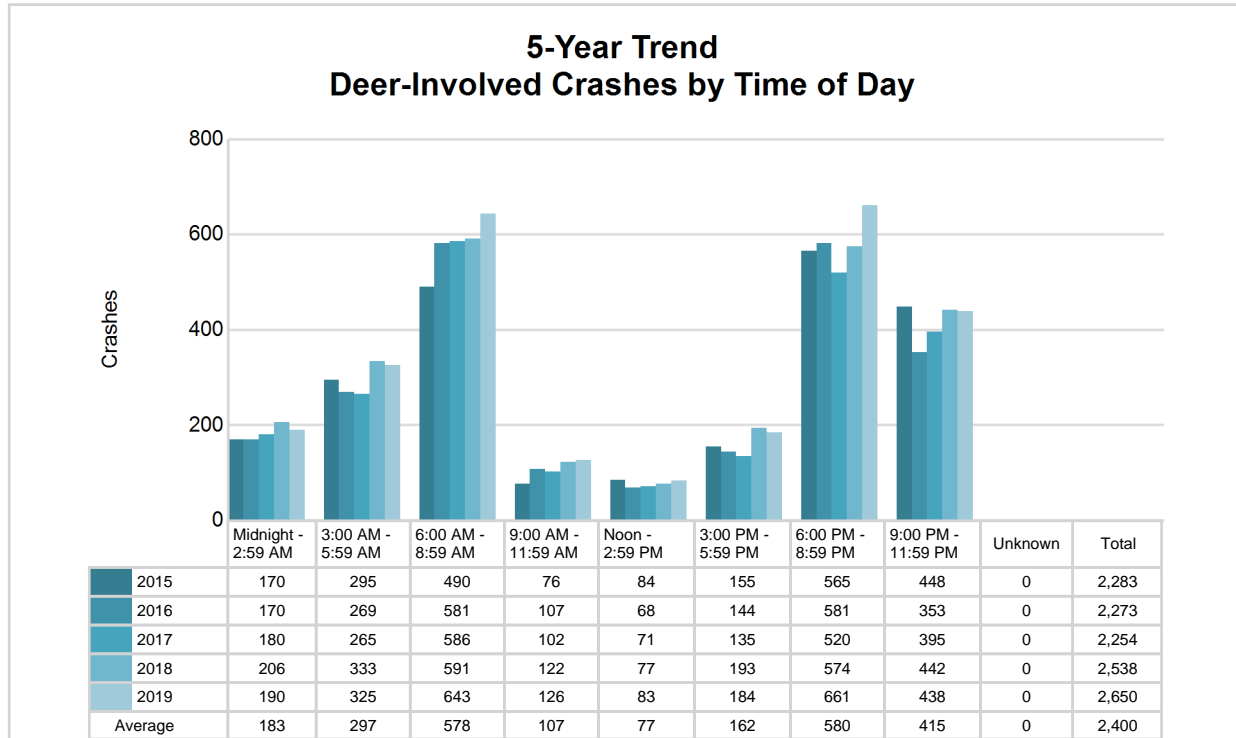


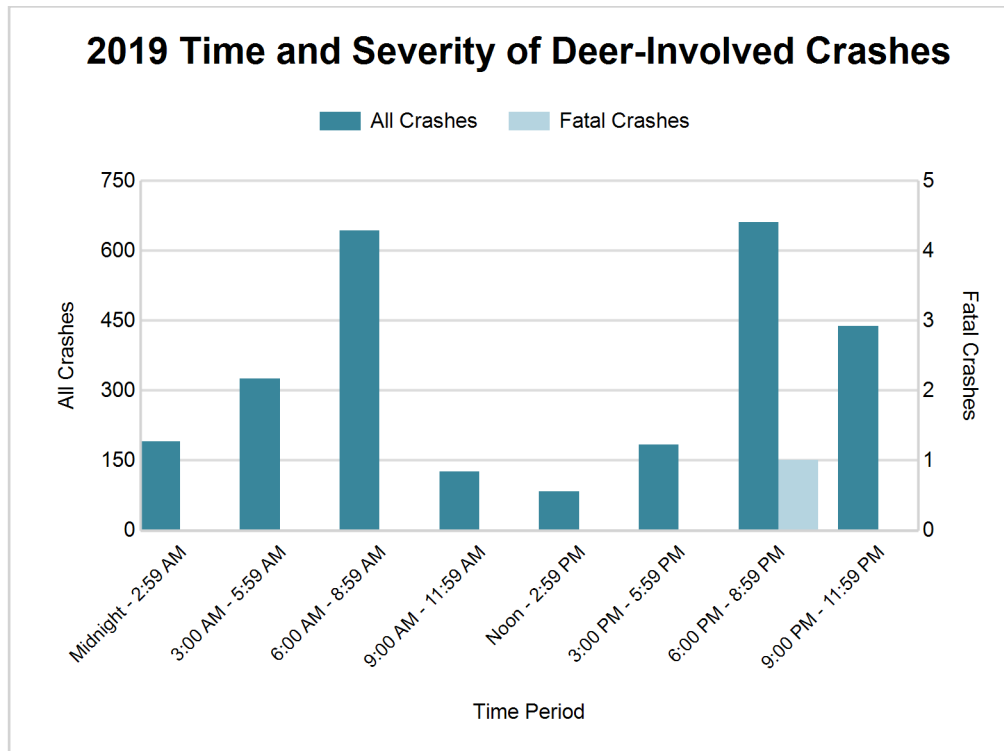
MSP Post 54 - Marshall (continued)

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

Time of Day	2015		2016		2017		2018		2019	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	170	0	170	0	180	0	206	0	190	0
3:00 AM - 5:59 AM	295	0	269	0	265	0	333	0	325	0
6:00 AM - 8:59 AM	490	0	581	0	586	0	591	0	643	0
9:00 AM - 11:59 AM	76	0	107	0	102	0	122	0	126	0
Noon - 2:59 PM	84	0	68	0	71	0	77	0	83	0
3:00 PM - 5:59 PM	155	0	144	0	135	0	193	0	184	0
6:00 PM - 8:59 PM	565	0	581	0	520	1	574	0	661	1
9:00 PM - 11:59 PM	448	0	353	0	395	0	442	0	438	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	2,283	0	2,273	0	2,254	1	2,538	0	2,650	1

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





2019 - Reported Motor Vehicle Crashes by County

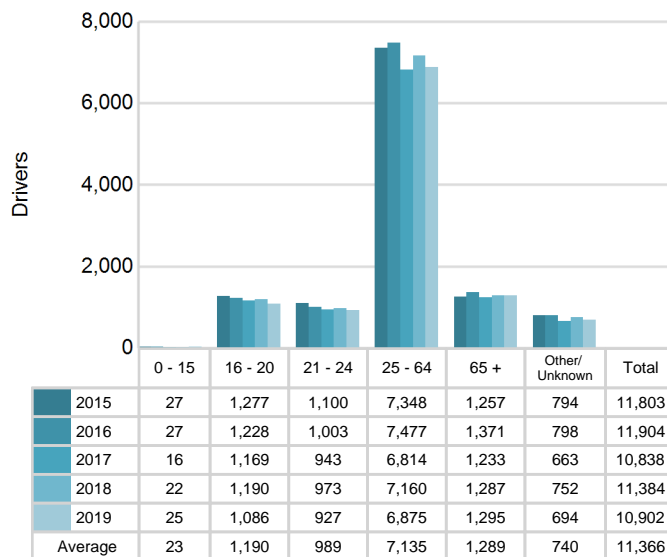
County	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Branch	1,570	3	173	1,394	146	313	99	1,009	23	4	848	5	232
Calhoun	4,269	22	533	3,714	1,107	0	1,090	2,070	146	51	1,195	23	735
St. Joseph	1,751	7	254	1,490	0	385	424	937	58	23	607	9	353
Total	7,590	32	960	6,598	1,253	698	1,613	4,016	227	78	2,650	37	1,320

MSP Post 54 - Marshall (continued)

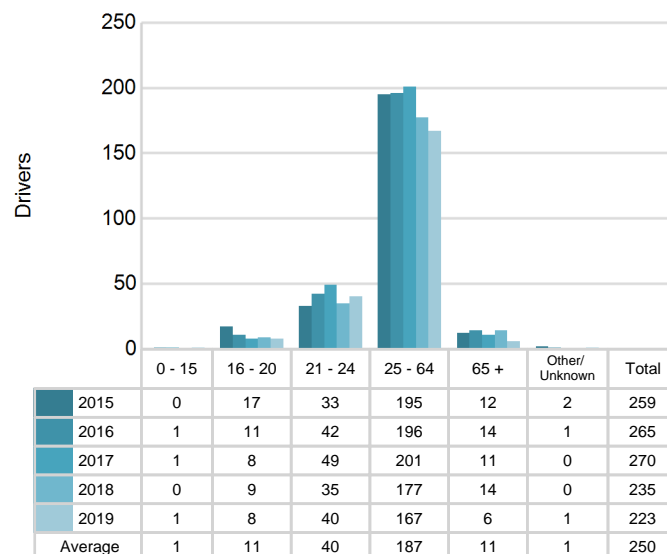
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2015		2016		2017		2018		2019	
	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	27	0	27	1	16	1	22	0	25	1
16 - 20	1,277	17	1,228	11	1,169	8	1,190	9	1,086	8
21 - 24	1,100	33	1,003	42	943	49	973	35	927	40
25 - 64	7,348	195	7,477	196	6,814	201	7,160	177	6,875	167
65 +	1,257	12	1,371	14	1,233	11	1,287	14	1,295	6
Unknown	794	2	798	1	663	0	752	0	694	1
Total	11,803	259	11,904	265	10,838	270	11,384	235	10,902	223

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



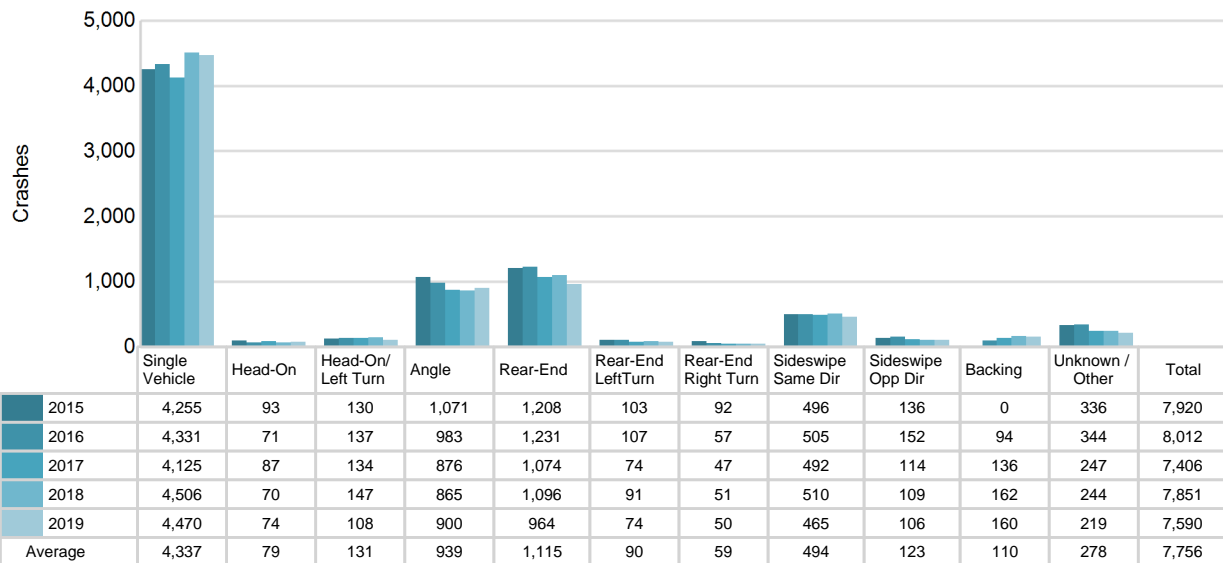
**5-Year Trend
Total Drivers Coded Drinking by Age**



5-Year Trend - Crashes by Crash Type

Crash Type	2015		2016		2017		2018		2019	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single motor vehicle	4,255	17	4,331	20	4,125	16	4,506	20	4,470	20
Head-on	93	5	71	7	87	3	70	2	74	1
Head-on / left turn	130	0	137	2	134	1	147	1	108	1
Angle	1,071	6	983	8	876	5	865	6	900	5
Rear-end	1,208	0	1,231	4	1,074	1	1,096	4	964	2
Rear-end left turn	103	0	107	2	74	1	91	0	74	0
Rear-end right turn	92	0	57	1	47	0	51	0	50	0
Sideswipe same direction	496	0	505	0	492	0	510	0	465	1
Sideswipe opposite direction	136	0	152	0	114	0	109	0	106	0
Backing	0	0	94	0	136	0	162	0	160	0
Other / Unknown	336	3	344	0	247	1	244	1	219	2
Uncoded and Errors	1	0	3	0	0	0	0	0	0	0
Total	7,921	31	8,015	44	7,406	28	7,851	34	7,590	32

5-Year Trend Crashes by Crash Type



2019 - 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	0	1	0	0	0	0	1
16 - 20	12	10	8	8	0	0	2	2	4
21 - 24	50	43	38	40	0	6	11	6	17
25 - 64	219	194	143	167	0	16	40	50	61
65 +	16	11	6	6	0	2	0	2	2
Unknown	28	1	0	1	0	0	0	0	1
Total	326	260	195	223	0	24	53	60	86

Notes: BAC measured in grams (g) per deciliter (dL).

BAC may not be reported if drivers are not tested or if the results are not available immediately (as in the case of a blood test).

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

Alcohol-Involved Crashes

In 2019, there were 326 drivers in alcohol-involved crashes; 223 (68.4%) of those drivers were coded as had-been-drinking by the officer on the crash form.

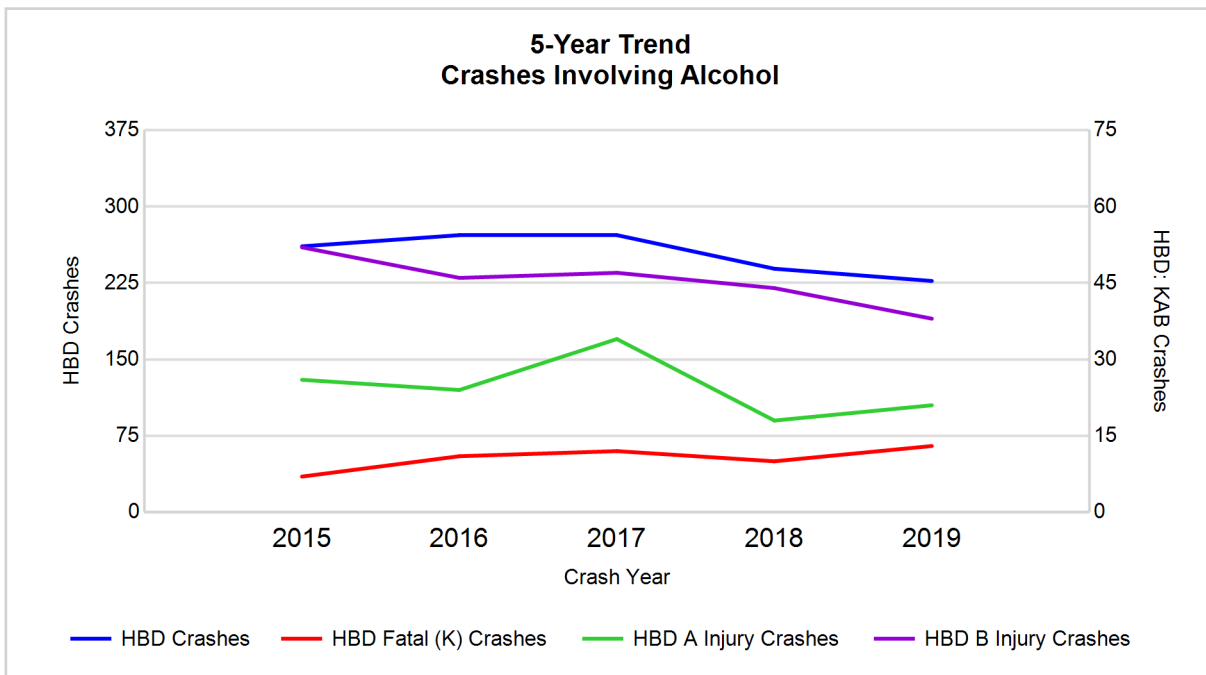
- 113 (50.7%) of the 223 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 60 (53.1%) of the 113 drivers had a BAC at or above 0.17 g/dL.
- 195 (87.4%) of the 223 drivers were coded as had-been-drinking and were tested for alcohol consumption.

5-Year Trend - Crashes Involving Alcohol

Year	All Crashes	HBD Crashes	% HBD	Fatal Crashes	HBD Fatal Crashes	% HBD	A Injury Crashes	HBD A Injury Crashes	% HBD	B Injury Crashes	HBD B Injury Crashes	% HBD
2015	7,921	261	3.3	31	7	22.6	126	26	20.6	425	52	12.2
2016	8,015	272	3.4	44	11	25.0	123	24	19.5	444	46	10.4
2017	7,406	272	3.7	28	12	42.9	150	34	22.7	398	47	11.8
2018	7,851	239	3.0	34	10	29.4	113	18	15.9	420	44	10.5
2019	7,590	227*	3.0	32	13**	40.6	114	21	18.4	340*	38*	11.2

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



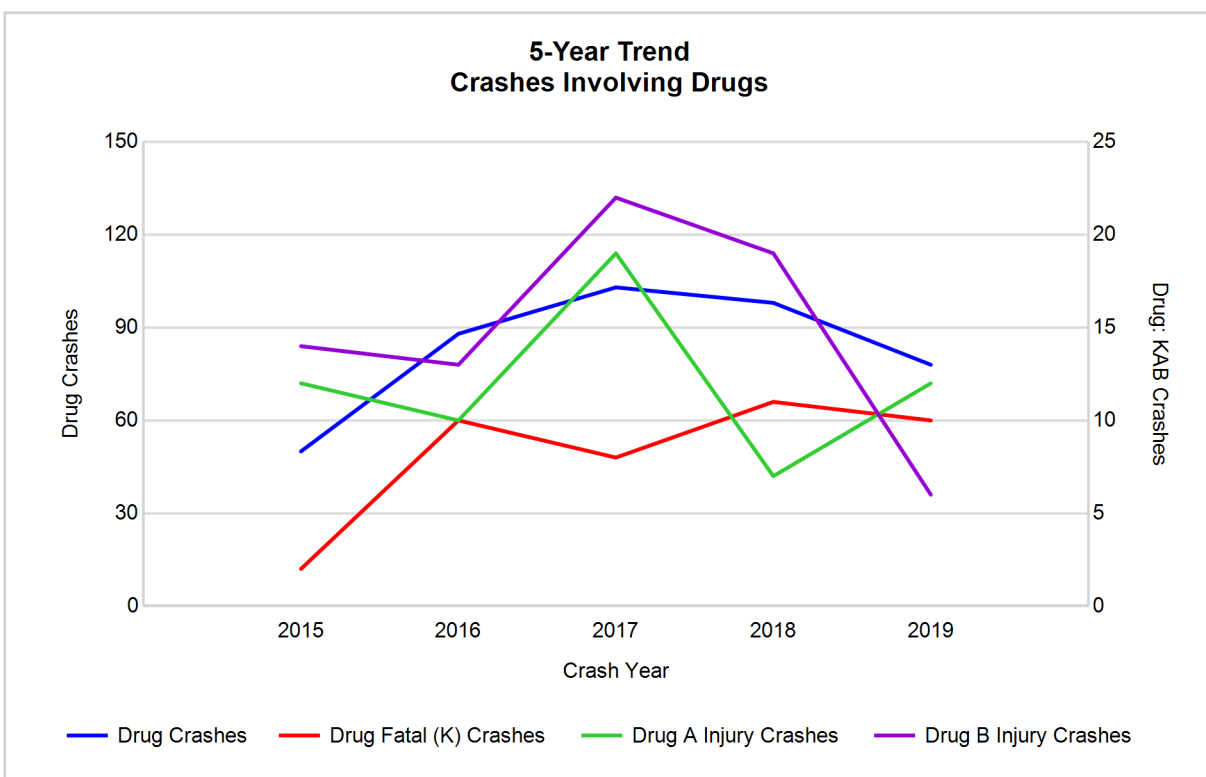
Note: Had-Been-Drinking (HBD)

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
2015	7,921	50	0.6	31	2	6.5	126	12	9.5	425	14	3.3
2016	8,015	88	1.1	44	10	22.7	123	10	8.1	444	13	2.9
2017	7,406	103	1.4	28	8	28.6	150	19	12.7	398	22	5.5
2018	7,851	98	1.2	34	11	32.4	113	7	6.2	420	19	4.5
2019	7,590	78	1.0	32	10	31.3	114	12	10.5	340*	6*	1.8*

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

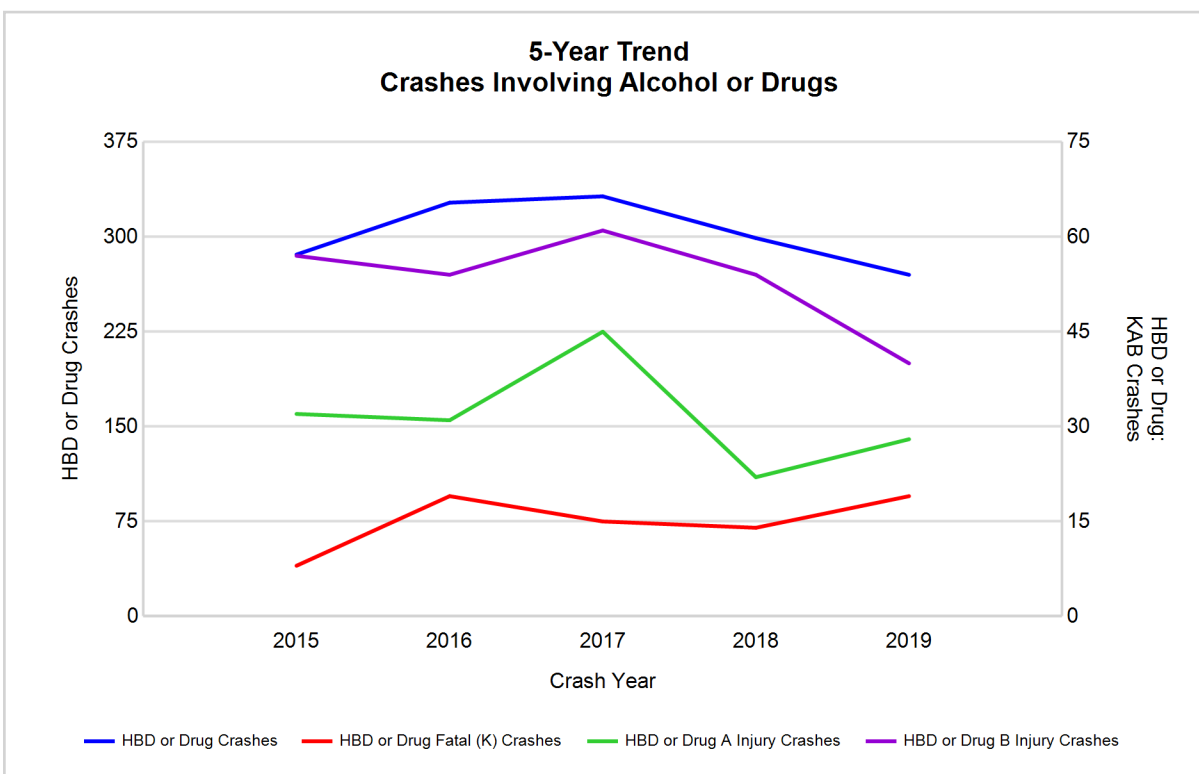


5-Year Trend - Crashes Involving Alcohol or Drugs

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
2015	7,921	286	3.6	31	8	25.8	126	32	25.4	425	57	13.4
2016	8,015	327	4.1	44	19	43.2	123	31	25.2	444	54	12.2
2017	7,406	332	4.5	28	15	53.6	150	45	30.0	398	61	15.3
2018	7,851	299	3.8	34	14	41.2	113	22	19.5	420	54	12.9
2019	7,590	270*	3.6	32	19	59.4**	114	28	24.6	340*	40*	11.8*

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)

2019 - 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	8,642	7,741	89.6	19	12	63.2	87	73	83.9	318	280	88.1	591	550	93.1	7,334	6,826	93.1
Motor home	77	66	85.7	0	0	0.0	1	1	100.0	3	3	100.0	3	3	100.0	68	59	86.8
Pickup truck	1,636	1,473	90.0	3	1	33.3	17	9	52.9	49	41	83.7	73	68	93.2	1,427	1,354	94.9
Small truck under 10,000 lbs. GVWR	114	104	91.2	1	0	0.0	0	0	0.0	3	1	33.3	5	5	100.0	100	98	98.0
Motorcycle	91	49	53.8	5	2	40.0	16	9	56.3	27	12	44.4	22	17	77.3	21	9	42.9
Moped / goped	14	3	21.4	1	0	0.0	1	0	0.0	6	2	33.3	4	1	25.0	2	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	5	0	0.0	0	0	0.0	0	0	0.0	4	0	0.0	0	0	0.0	1	0	0.0
Other	55	33	60.0	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	46	33	71.7
Truck/bus over 10,000 lbs.	433	405	93.5	1	0	0.0	7	6	85.7	9	7	77.8	19	17	89.5	386	375	97.2
Unknown	180	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	27	0	0.0
Total	11,248	9,874	87.8	30	15	50.0	129	98	76.0	420	346	82.4	717	661	92.2	9,413	8,754	93.0

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.

2019 - 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	119	100	84.0	1	0	0.0	5	3	60.0	36	27	75.0	58	53	91.4	19	17	89.5
16 - 20	1,132	1,057	93.4	1	1	100.0	10	7	70.0	49	38	77.6	82	78	95.1	982	933	95.0
21 - 24	958	898	93.7	3	0	0.0	16	15	93.8	36	30	83.3	76	70	92.1	824	783	95.0
25 - 64	7,007	6,546	93.4	20	12	60.0	83	61	73.5	241	198	82.2	409	378	92.4	6,228	5,897	94.7
65 +	1,338	1,271	95.0	5	2	40.0	15	12	80.0	58	53	91.4	88	82	93.2	1,167	1,122	96.1
Unknown	694	2	0.3	0	0	0.0	0	0	0.0	0	0	0.0	4	0	0.0	193	2	1.0
Total	11,248	9,874	87.8	30	15	50.0	129	98	76.0	420	346	82.4	717	661	92.2	9,413	8,754	93.0

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	2015			2016			2017			2018			2019		
	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	61	0	3	35	0	4	25	2	2	24	1	2	24	0	3
Shoulder belt only used	14	0	2	21	1	4	33	0	2	40	0	6	35	0	1
Lap belt only used	20	1	2	22	0	1	19	0	3	21	0	2	20	0	1
Both lap & shoulder belts used	10,222	13	951	10,437	13	962	9,563	7	917	9,943	11	871	9,488	11	786
No belts used	93	5	37	77	9	30	70	7	28	58	4	29	49	6	19
Child restraint used	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Child restraint not used, unavailable or improper use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	1	0	0	0	0	0	4	0	1	0	0	0	1	0	0
Restraint use unknown	539	0	52	951	1	50	953	4	51	1,153	4	53	1,181	1	48
Helmet worn	86	2	64	69	3	47	66	2	47	47	2	30	47	2	36
Helmet not worn	54	4	37	58	3	36	48	2	36	46	4	36	44	4	30
Helmet use unknown	10	0	4	8	0	5	5	1	1	4	0	2	6	0	2
Uncoded & errors	702	0	4	225	0	1	51	0	0	48	0	0	7	0	0
Total	11,803	25	1,156	11,904	30	1,140	10,838	25	1,088	11,384	26	1,031	10,902	24	926

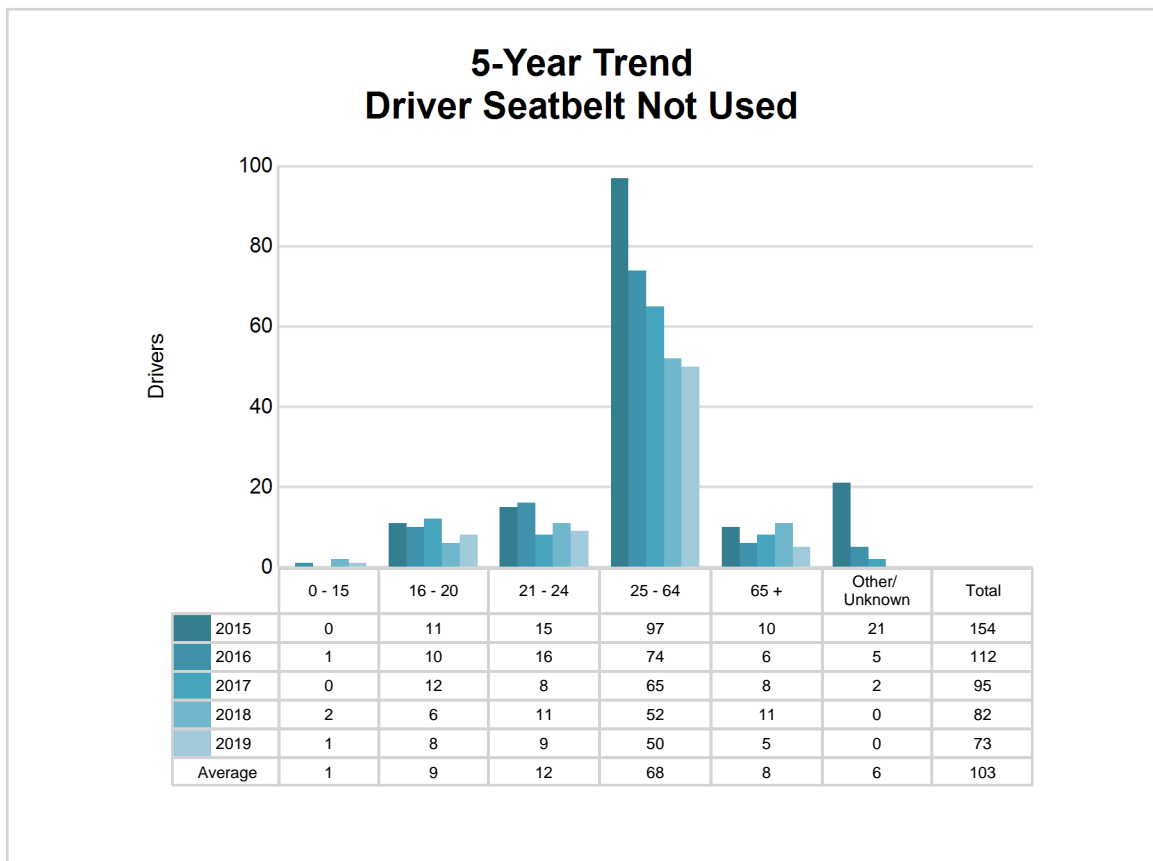
5-Year Trend - Restraint Use Among Drivers Coded Drinking

Restraint Use	2015			2016			2017			2018			2019		
	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	1	0	0	0	0	0	0	0	0	0	0	0	0
Shoulder belt only used	1	0	1	2	1	0	0	0	0	3	0	0	0	0	0
Lap belt only used	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Both lap & shoulder belts used	174	3	52	191	2	63	198	3	60	160	2	46	153	3	42
No belts used	27	0	17	12	4	7	16	3	8	20	2	12	15	3	7
Child restraint used	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Child restraint not used, unavailable or improper use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Restraint use unknown	43	0	15	52	0	15	38	1	20	44	1	18	44	1	11
Helmet worn	3	1	1	1	1	0	3	1	2	4	1	3	3	0	3
Helmet not worn	8	2	5	5	0	5	12	1	10	4	2	2	7	1	6
Helmet use unknown	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0
Uncoded & errors	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Total	259	6	93	265	8	90	270	10	100	235	8	81	223	8	69

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

Age Group	2015			2016			2017			2018			2019		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	0	0	0	1	0	1	0	0	0	2	0	0	1	0	0
16 - 20	11	1	3	10	1	3	12	1	7	6	0	3	8	0	4
21 - 24	15	0	5	16	1	7	8	4	2	11	0	6	9	2	3
25 - 64	97	2	30	74	5	22	65	3	19	52	4	18	50	3	15
65 +	10	2	2	6	2	1	8	1	2	11	1	4	5	1	0
Unknown	21	0	0	5	0	0	2	0	0	0	0	0	0	0	0
Total	154	5	40	112	9	34	95	9	30	82	5	31	73	6	22

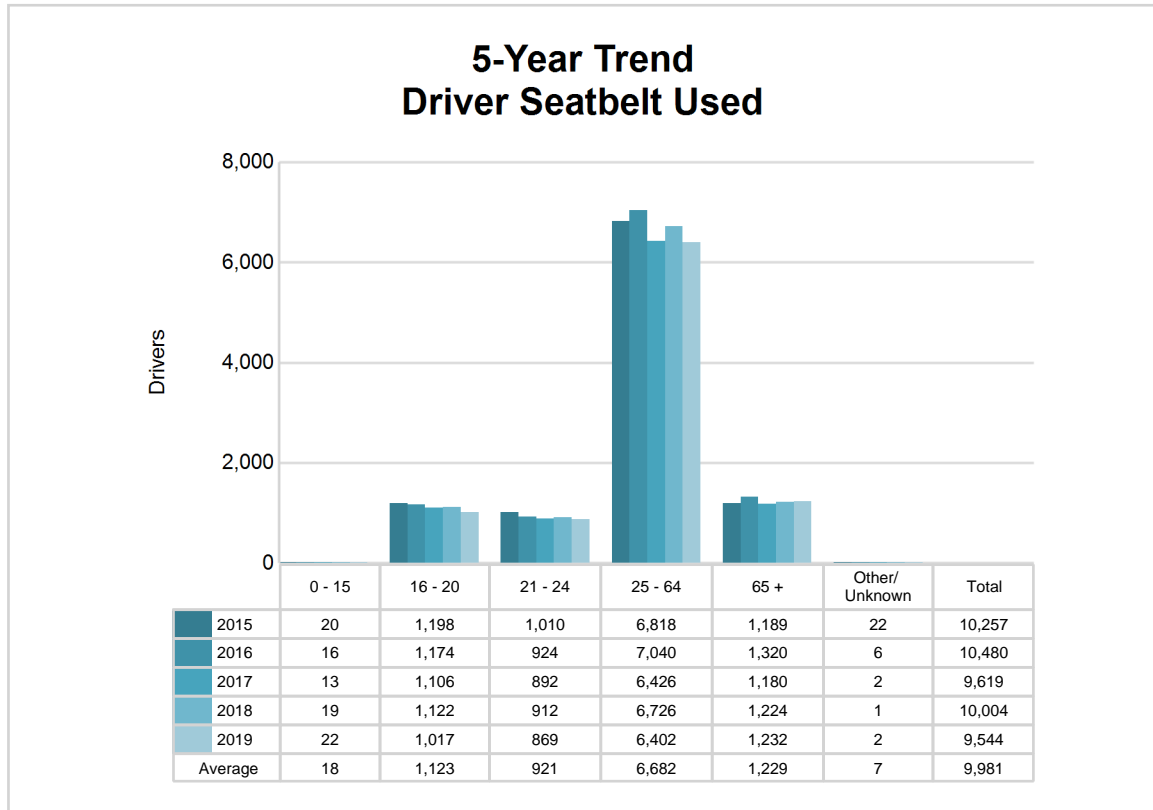
Note: Seatbelt Not Used includes no belts available or no belts used.



5-Year Trend - Seatbelt Used Among Drivers by Age

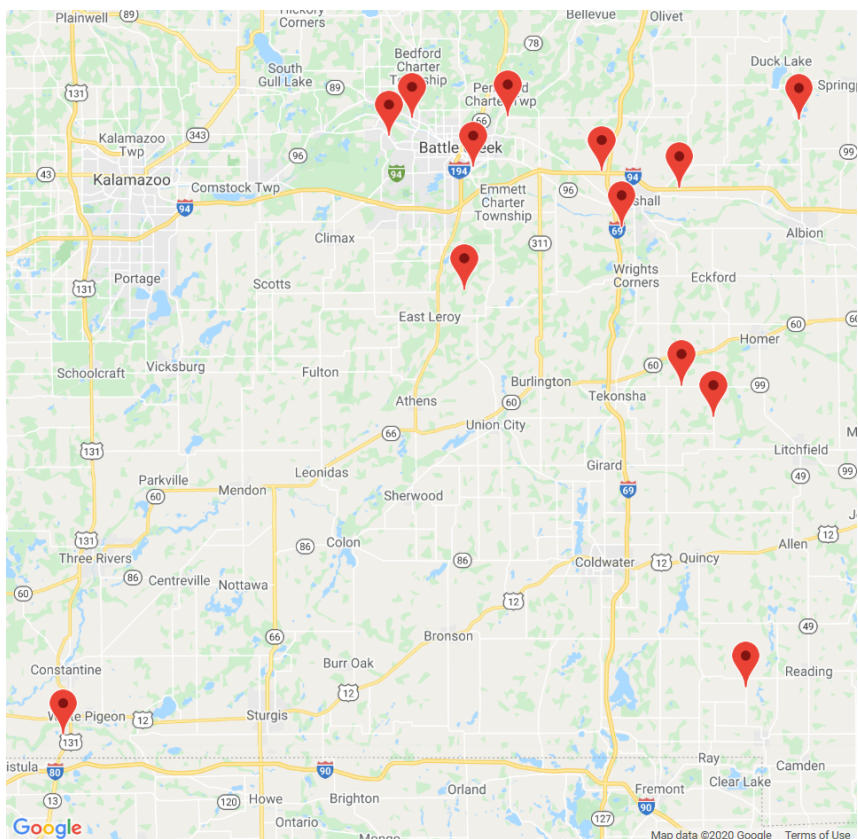
Age Group	2015			2016			2017			2018			2019		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	20	0	3	16	0	3	13	0	1	19	0	2	22	0	5
16 - 20	1,198	2	131	1,174	2	105	1,106	0	118	1,122	0	106	1,017	1	83
21 - 24	1,010	2	96	924	0	83	892	1	100	912	0	86	869	0	87
25 - 64	6,818	7	620	7,040	10	642	6,426	6	575	6,726	5	561	6,402	8	505
65 +	1,189	3	104	1,320	2	134	1,180	0	129	1,224	6	124	1,232	2	108
Unknown	22	0	1	6	0	0	2	0	0	1	0	0	2	0	0
Total	10,257	14	955	10,480	14	967	9,619	7	923	10,004	11	879	9,544	11	788

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	2015		2016		2017		2018		2019	
	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	6,744	23	6,655	33	6,114	18	6,528	18	6,355	17
Speed too fast	1,171	9	1,183	6	1,086	8	1,100	10	1,026	10
Speed too slow	9	0	5	0	12	0	7	0	3	0
Failed to yield	991	5	972	8	876	0	901	4	849	2
Disregard traffic control	220	1	212	4	201	3	202	3	190	3
Drove wrong way	8	0	6	0	9	0	6	0	5	0
Drove left of center	87	4	83	3	57	1	84	2	82	1
Improper passing	67	0	64	0	50	0	52	0	61	0
Improper lane use	176	0	225	0	215	0	219	1	206	0
Improper turn	82	0	112	0	91	1	75	0	80	0
Improper/no signal	10	0	5	0	7	0	6	0	6	0
Improper backing	213	0	226	0	183	0	211	0	171	0
Unable to stop in assured clear distance	1,052	0	1,048	3	823	0	924	2	795	1
Other	319	2	331	2	313	0	328	0	330	3
Unknown	203	1	247	5	266	5	317	3	380	5
Reckless driving	63	1	63	1	81	2	63	1	60	1
Careless/negligent driving	386	4	464	5	453	5	360	6	301	4
Uncoded & errors	2	0	3	0	1	0	1	0	2	0
Total	11,803	50	11,904	70	10,838	43	11,384	50	10,902	47



The picture above represents all 2019 alcohol-involved fatal crashes in Post 54.

In 2019, there were 227 alcohol-involved crashes in Post 54:

13 K - Fatal Crashes

21 A - Suspected Serious Injury Crashes

38 B - Suspected Minor Injury Crashes

25 C - Possible Injury Crashes

130 O - Property Damage Only/No Injury Crashes

Office of Highway Safety Planning

Physical Address:
7150 Harris Drive
Dimondale, Michigan 48821

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

Phone: (517) 284-3112
Fax: (517) 284-3151

Find us on the web:
MichiganTrafficCrashFacts.org

