



2017

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

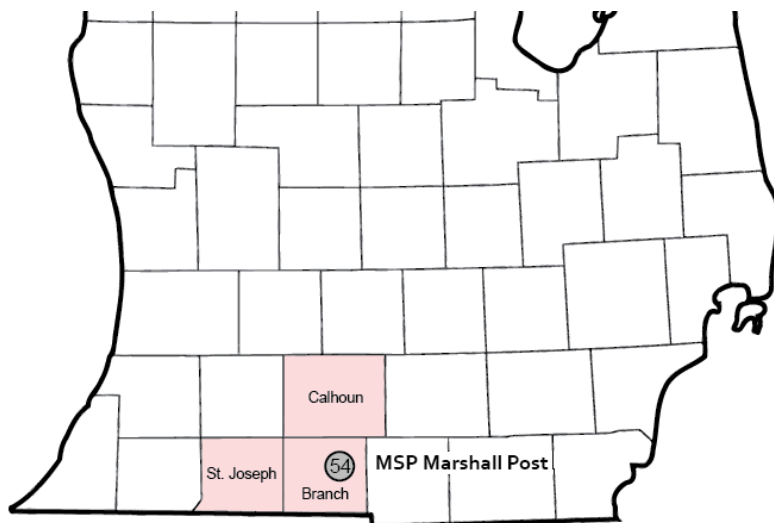
Property Damage Only (PDO)



Michigan State Police (MSP) Post 54 - Marshall

2017 Traffic Crash Data & 2013-2017 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.

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MSP Post 54 - Marshall

- There were 7,406 crashes in Post 54 during 2017. [Page 1]
- A total of 32 fatalities resulted from 28 fatal crashes in 2017 in Post 54. [Page 1]
- There were 1,536 injuries and 1,126 injury crashes. [Page 1]
- There were 6,252 property damage only crashes (no fatalities or injuries). [Page 1]
- December had the highest number of crashes (977). [Pages 1-2]
- May had the highest number of fatal crashes (6) and fatalities (6). [Pages 1-2]
- December had the highest number of injury crashes (126) while June had the highest number of injuries (175). [Page 1]
- December had the highest number of property damage only crashes (847). [Page 1]
- Of all vehicles involved in fatal crashes, 5 (11.6%) were motorcycles. [Page 1]
- Friday was the day of the week with the highest number of crashes (1,225) and Saturday had the highest number of fatal crashes (9). [Pages 2-3]
- The 3:00 PM - 5:59 PM time period had the highest number of crashes (1,391). This holds true for every year between 2013 and 2017. The 3:00 PM - 5:59 PM time period had the highest number of fatal crashes (6). [Pages 5-6]
- During the period from 2013 to 2017, the highest number of deer crashes occurred in 2013 (2,328). The 6:00 AM - 8:59 AM time period had the highest number of deer-involved crashes. There were 1 fatal crashes involving deer in 2017. [Pages 7-8]
- Calhoun County (56.6%) had the highest number of crashes in Post 54 in 2017, followed by St. Joseph County (22.3%), and Branch County (21.1%). [Page 8]
- Calhoun County (59.4%) had the highest number of fatalities in Post 54 in 2017, followed by St. Joseph County (34.4%), and Branch County (6.3%). [Page 8]
- The highest number of drivers in crashes (11,904) occurred during 2016 and the highest number of drivers coded drinking in crashes (291) occurred during 2013 within the five year period between 2013 and 2017. [Page 9]
- A total of 272 crashes involved alcohol in 2017. [Page 10]
- Alcohol-involved fatal crashes were the highest in 2017 during the five-year period from 2013 to 2017 at 12. [Page 10]
- A total of 103 crashes, 8 fatal crashes, and 19 suspected serious injury crashes involved drugs in 2017. [Page 11]
- There were 9,619 drivers wearing seatbelts and 95 drivers not wearing seatbelts in crashes in 2017. Of the 95 drivers not wearing seat belts, 9 (9.5%) were killed and 30 (31.6%) were injured. [Pages 14-16]
- The most common hazardous action coded for drivers in 2017 in all crashes was speed too fast (1,086), while the most common hazardous action coded for drivers in fatal crashes was speed too fast (8). [Page 17]

MSP Post 54 - Marshall (continued)

Post 54 Experience

In 2017:

There were 10,838 drivers involved in 7,406 motor vehicle crashes in MSP Post 54. Of those crashes, 28 were classified as fatal, resulting in 32 fatalities. An additional 1,536 persons were injured.

Post 54 experienced the highest number of motor vehicle crashes (977) in December, the highest number of fatal crashes (6) and the highest number of persons killed (6) in May.

Michigan driver statistics indicate 6.2 percent of licensed drivers in Post 54 were age 16-20, and 10.8 percent of drivers in crashes were also in that age group.

2017 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	696	1	70	625	1	89
February	510	1	76	433	1	94
March	508	3	87	418	5	120
April	386	1	71	314	2	93
May	599	6	89	504	6	136
June	596	1	125	470	1	175
July	529	3	92	434	3	138
August	512	4	118	390	4	161
September	534	2	87	445	3	121
October	760	1	97	662	1	134
November	799	1	88	710	1	110
December	977	4	126	847	4	165
Total	7,406	28	1,126	6,252	32	1,536

2017 - Driver Statistics

Age Group	Post 54			Driver Rates	
	2017 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	49,296	1,015	16	3.2	157.6
16 - 20	15,251	10,319	1,169	766.5	1,132.9
21 - 24	11,699	9,818	943	806.1	960.5
25 - 64	120,437	108,016	6,814	565.8	630.8
65 +	41,802	37,241	1,233	295.0	331.1
Unknown	0	0	663	--	--
Total	238,485	166,409	10,838	454.5	651.3

2017 - 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	8,313	76.7	26	60.5	1,312	6,975
Motor home	108	1.0	0	0.0	20	88
Pickup truck	1,604	14.8	8	18.6	276	1,320
Small truck under 10,000 lbs. GVWR	105	1.0	0	0.0	22	83
Motorcycle	100	0.9	5	11.6	70	25
Moped / goped	20	0.2	0	0.0	16	4
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	1	0.0	0	0.0	1	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	1	0.0	0	0.0	1	0
Other	65	0.6	1	2.3	6	58
Truck/bus over 10,000 lbs.	356	3.3	3	7.0	81	272
Unknown	165	1.5	0	0.0	11	154
Total	10,838	100.0	43	100.0	1,816	8,979

5-Year Trend - Crashes by Month

Month	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	763	3	1,095	0	877	2	779	4	696	1
February	721	1	730	3	673	2	693	3	510	1
March	560	2	661	3	586	2	600	0	508	3
April	482	2	392	4	478	2	500	6	386	1
May	609	3	516	3	522	2	614	3	599	6
June	555	5	528	5	614	5	561	2	596	1
July	575	1	539	2	604	3	556	6	529	3
August	522	2	473	2	493	3	581	2	512	4
September	549	3	501	1	551	4	592	4	534	2
October	720	4	783	2	749	3	742	7	760	1
November	921	2	1,027	1	972	1	843	2	799	1
December	966	1	585	1	802	2	954	5	977	4
Total	7,943	29	7,830	27	7,921	31	8,015	44	7,406	28

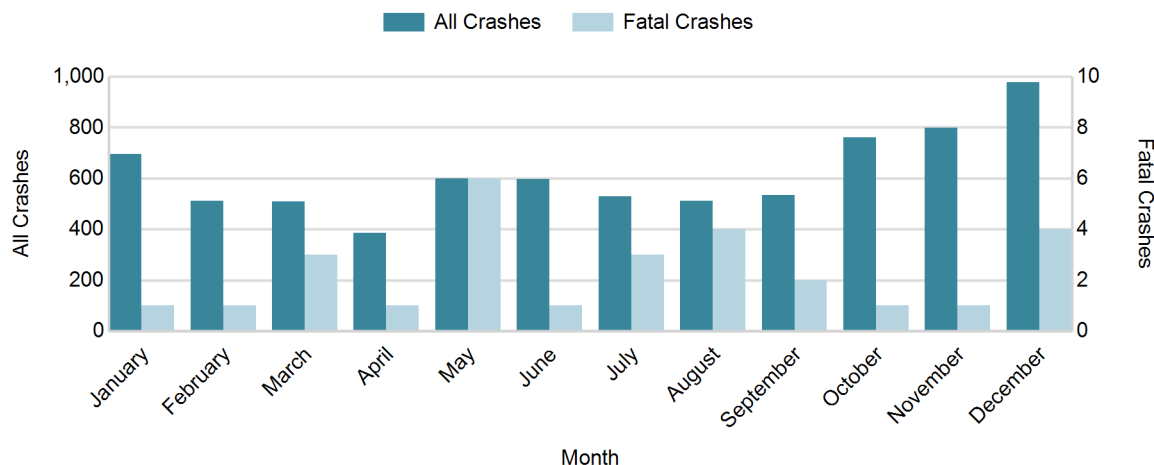
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	1,222	2	1,045	1	1,127	4	1,092	5	1,115	0
Tuesday	1,205	3	1,084	2	1,076	1	1,165	6	1,044	1
Wednesday	1,211	4	1,196	5	1,169	5	1,212	5	1,058	1
Thursday	1,117	4	1,333	3	1,144	5	1,238	6	1,051	8
Friday	1,264	5	1,273	2	1,350	6	1,387	7	1,225	5
Saturday	1,053	5	1,038	9	1,209	3	1,038	9	997	9
Sunday	871	6	861	5	846	7	883	6	916	4
Total	7,943	29	7,830	27	7,921	31	8,015	44	7,406	28

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

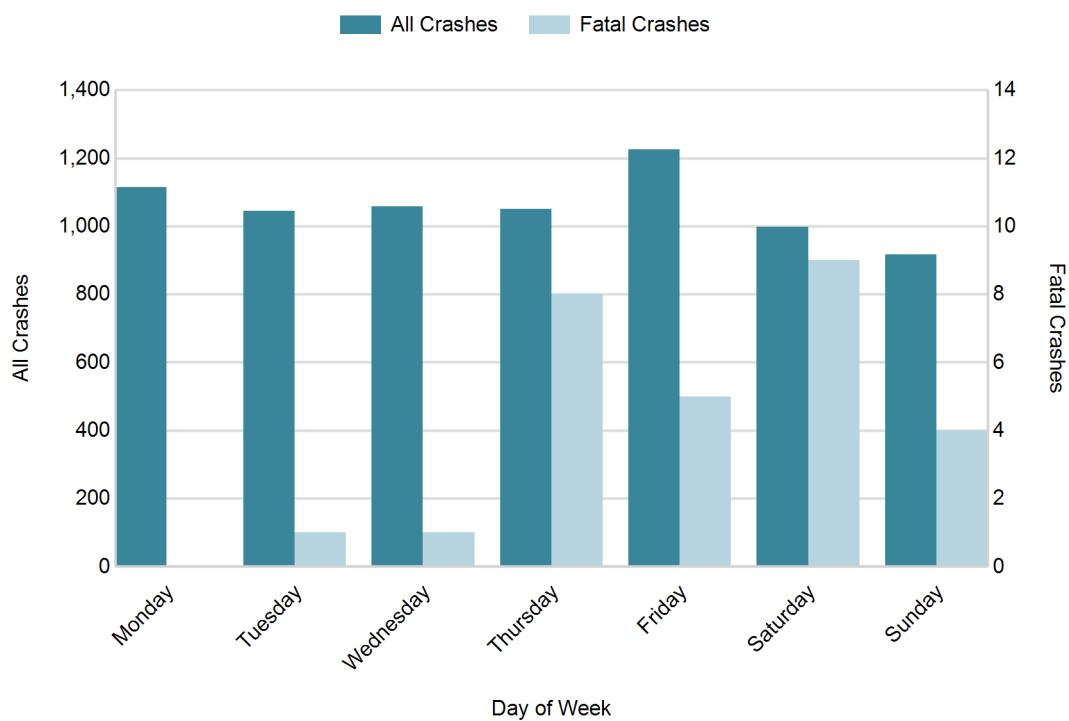
2017 Crashes by Month



2017 - 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	1,115	15.1	0	0.0	17	54	82	962
Tuesday	1,044	14.1	1	3.6	30	47	64	902
Wednesday	1,058	14.3	1	3.6	17	60	83	897
Thursday	1,051	14.2	8	28.6	25	70	86	862
Friday	1,225	16.5	5	17.9	19	64	100	1,037
Saturday	997	13.5	9	32.1	24	47	89	828
Sunday	916	12.4	4	14.3	18	56	74	764
Total	7,406	100.0	28	100.0	150	398	578	6,252

2017 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	6,019	18	5,931	13	5,866	21	6,094	29	5,493	15
Weekend	1,924	11	1,899	14	2,055	10	1,921	15	1,913	13
Total	7,943	29	7,830	27	7,921	31	8,015	44	7,406	28

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

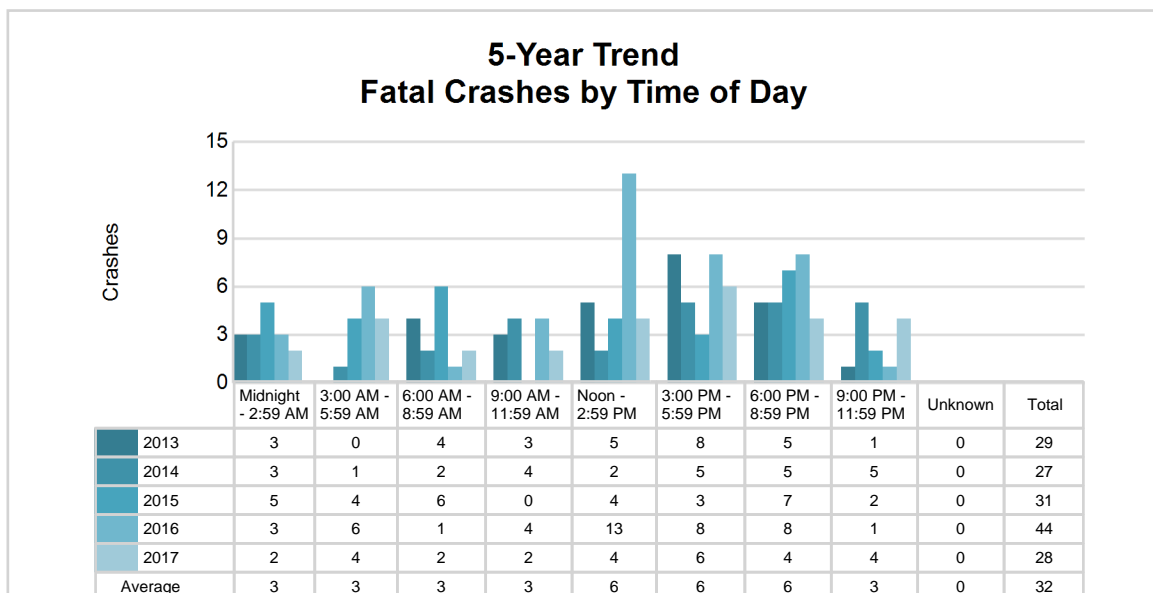
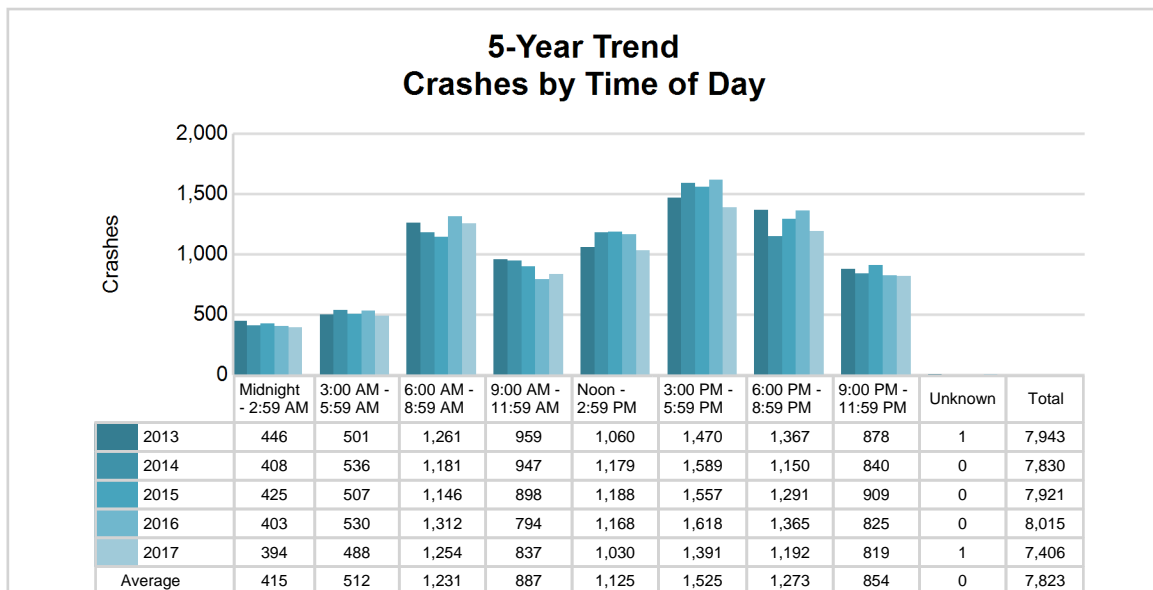


MSP Post 54 - Marshall (continued)

5-Year Trend - Crashes by Time of Day

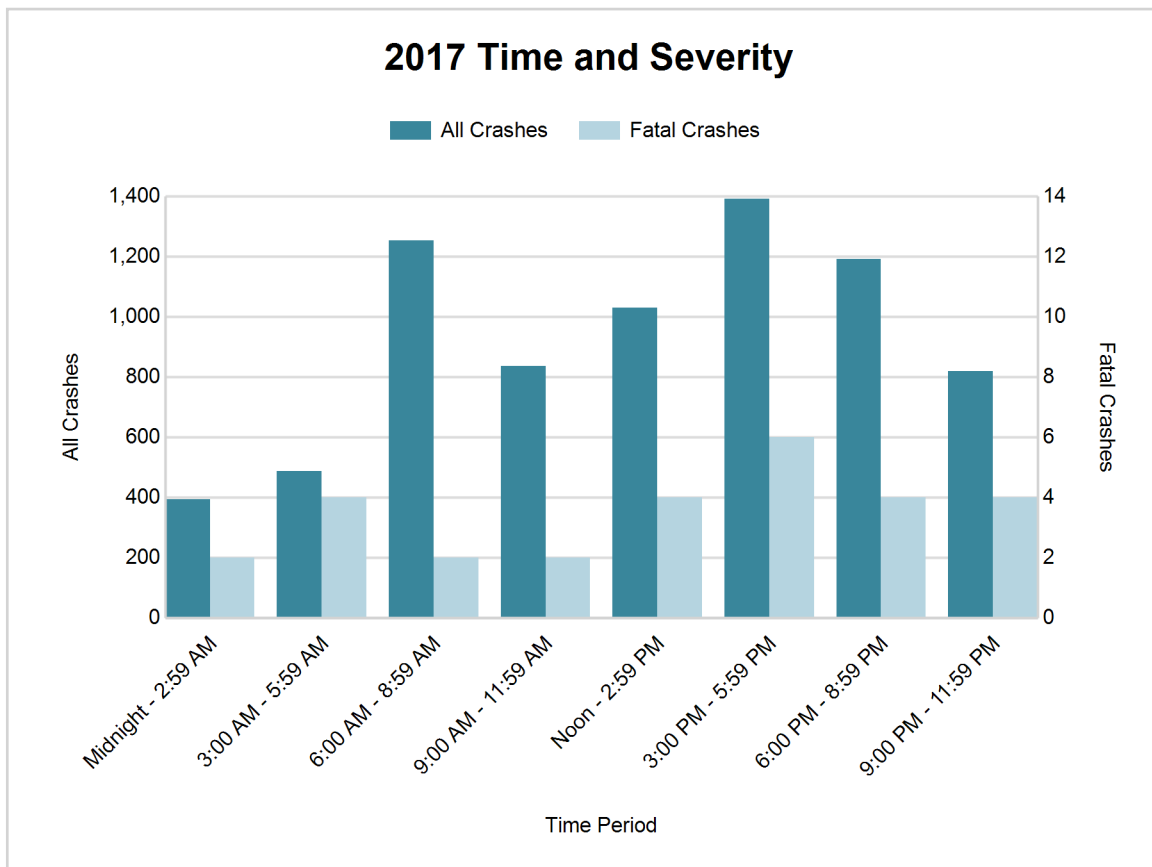
Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	446	3	408	3	425	5	403	3	394	2
3:00 AM - 5:59 AM	501	0	536	1	507	4	530	6	488	4
6:00 AM - 8:59 AM	1,261	4	1,181	2	1,146	6	1,312	1	1,254	2
9:00 AM - 11:59 AM	959	3	947	4	898	0	794	4	837	2
Noon - 2:59 PM	1,060	5	1,179	2	1,188	4	1,168	13	1,030	4
3:00 PM - 5:59 PM	1,470 †	8	1,589 †	5	1,557 †	3	1,618 †	8	1,391 †	6
6:00 PM - 8:59 PM	1,367	5	1,150	5	1,291	7	1,365	8	1,192	4
9:00 PM - 11:59 PM	878	1	840	5	909	2	825	1	819	4
Unknown	1	0	0	0	0	0	0	0	1	0
Total	7,943	29	7,830	27	7,921	31	8,015	44	7,406	28

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



2017 - 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	394	5.3	2	7.1	9	28	24	331
3:00 AM - 5:59 AM	488	6.6	4	14.3	15	23	25	421
6:00 AM - 8:59 AM	1,254	16.9	2	7.1	13	46	78	1,115
9:00 AM - 11:59 AM	837	11.3	2	7.1	14	53	88	680
Noon - 2:59 PM	1,030	13.9	4	14.3	21	54	101	850
3:00 PM - 5:59 PM	1,391	18.8	6	21.4	30	98	123	1,134
6:00 PM - 8:59 PM	1,192	16.1	4	14.3	26	56	76	1,030
9:00 PM - 11:59 PM	819	11.1	4	14.3	22	40	63	690
Unknown	1	0.0	0	0.0	0	0	0	1
Total	7,406	100.0	28	100.0	150	398	578	6,252

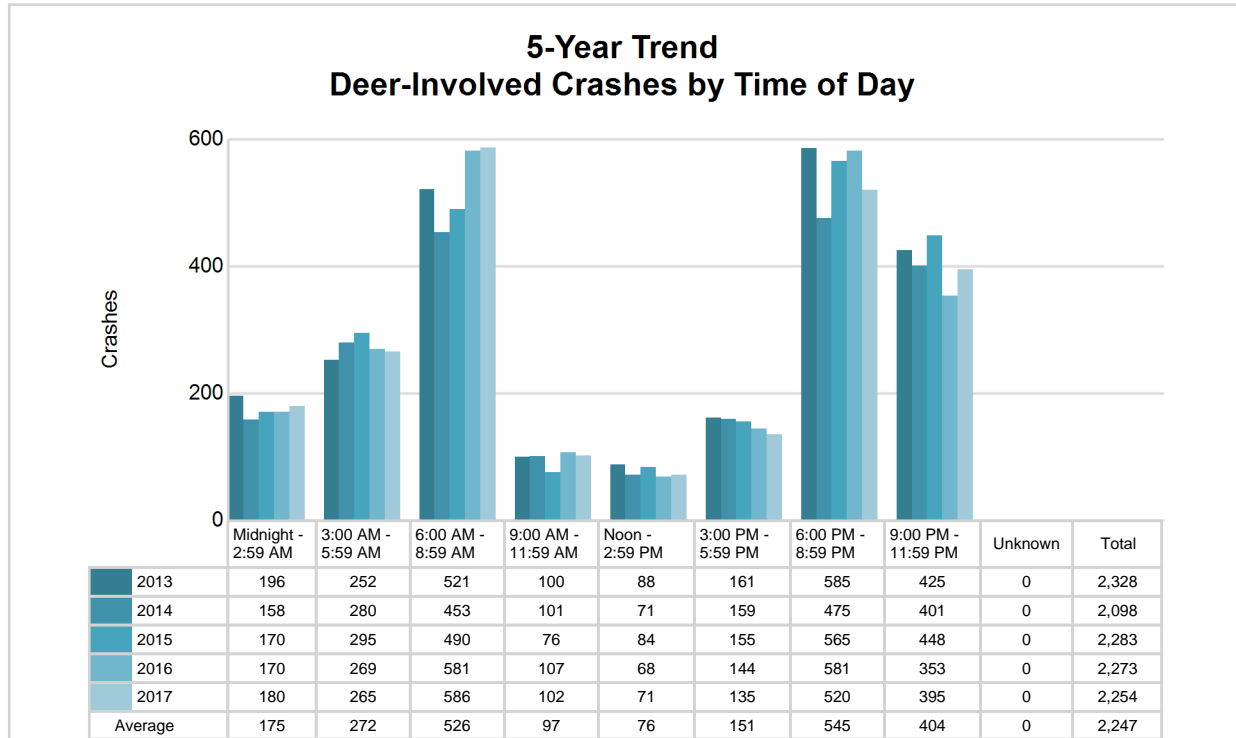


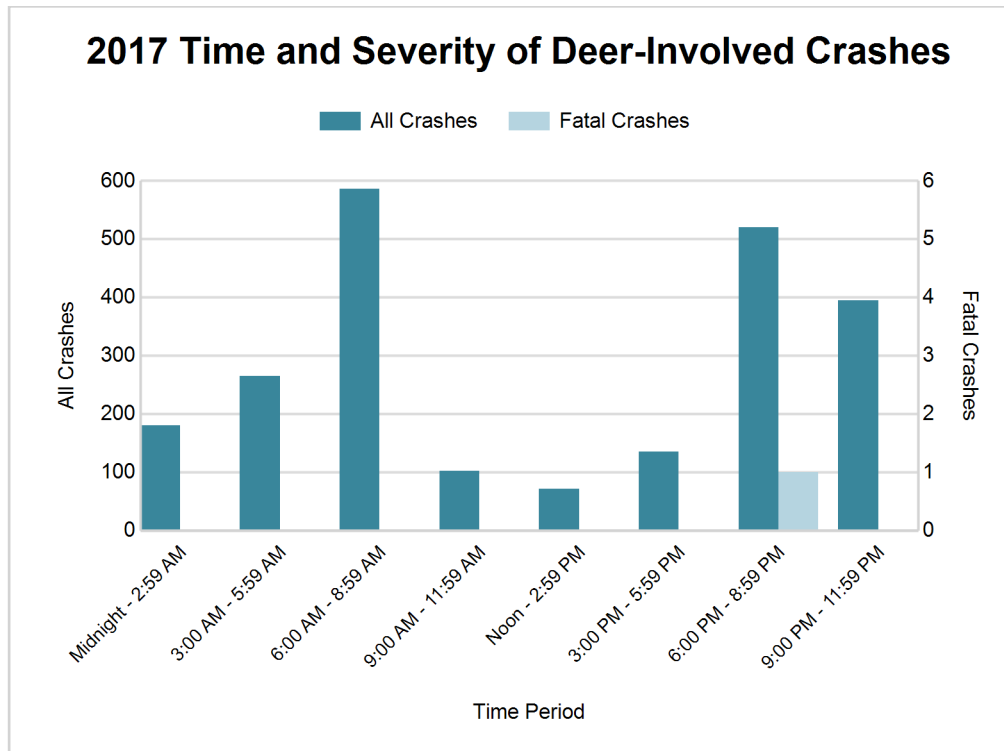
MSP Post 54 - Marshall (continued)

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

Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	196	0	158	0	170	0	170	0	180	0
3:00 AM - 5:59 AM	252	0	280	0	295	0	269	0	265	0
6:00 AM - 8:59 AM	521	0	453	0	490	0	581	0	586	0
9:00 AM - 11:59 AM	100	0	101	0	76	0	107	0	102	0
Noon - 2:59 PM	88	0	71	0	84	0	68	0	71	0
3:00 PM - 5:59 PM	161	0	159	0	155	0	144	0	135	0
6:00 PM - 8:59 PM	585	0	475	0	565	0	581	0	520	1
9:00 PM - 11:59 PM	425	0	401	0	448	0	353	0	395	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	2,328	0	2,098	0	2,283	0	2,273	0	2,254	1

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





2017 - Reported Motor Vehicle Crashes by County

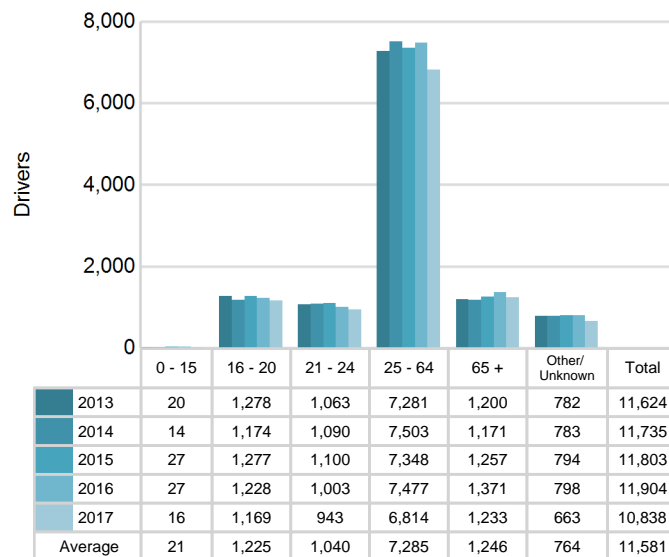
County	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Branch	1,563	2	184	1,377	165	368	80	949	48	15	758	2	262
Calhoun	4,192	16	622	3,554	1,053	0	1,083	2,052	144	56	1,017	19	834
St. Joseph	1,651	10	320	1,321	0	369	435	843	80	32	479	11	440
Total	7,406	28	1,126	6,252	1,218	737	1,598	3,844	272	103	2,254	32	1,536

MSP Post 54 - Marshall (continued)

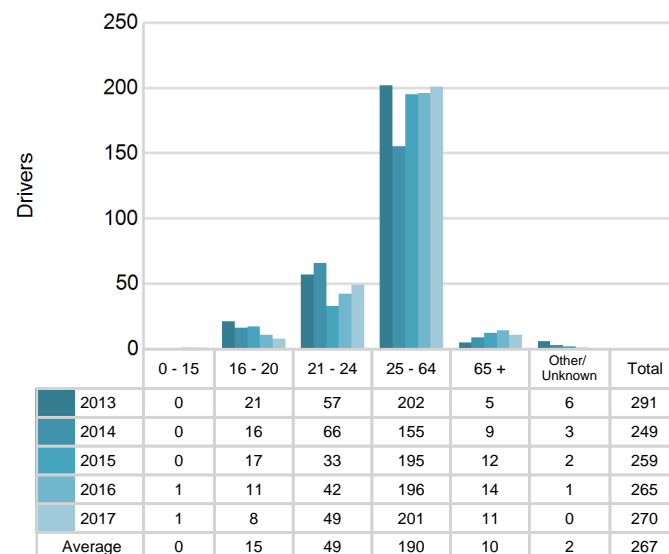
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2013		2014		2015		2016		2017	
	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	20	0	14	0	27	0	27	1	16	1
16 - 20	1,278	21	1,174	16	1,277	17	1,228	11	1,169	8
21 - 24	1,063	57	1,090	66	1,100	33	1,003	42	943	49
25 - 64	7,281	202	7,503	155	7,348	195	7,477	196	6,814	201
65 +	1,200	5	1,171	9	1,257	12	1,371	14	1,233	11
Unknown	782	6	783	3	794	2	798	1	663	0
Total	11,624	291	11,735	249	11,803	259	11,904	265	10,838	270

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



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



2017 - 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	1	0	0	0
16 - 20	18	13	6	8	0	1	3	1	3
21 - 24	52	47	42	49	0	4	17	11	17
25 - 64	258	205	175	201	2	13	45	44	97
65 +	14	12	10	11	1	1	2	2	5
Unknown	14	0	0	0	0	0	0	0	0
Total	357	278	234	270	3	20	67	58	122

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 2017, there were 357 drivers in alcohol-involved crashes; 270 (75.6%) of those drivers were coded as had-been-drinking by the officer on the crash form.

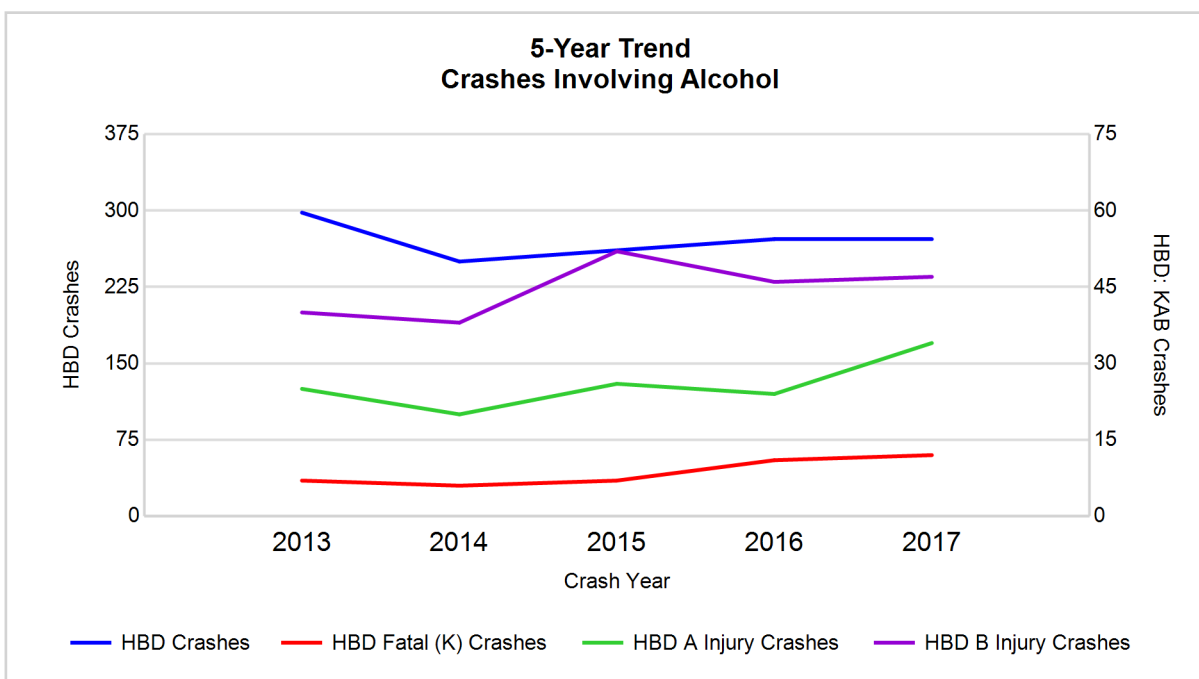
- 125 (46.3%) of the 270 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 58 (46.4%) of the 125 drivers had a BAC at or above 0.17 g/dL.
- 234 (86.7%) of the 270 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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
2013	7,943	298	3.8	29	7	24.1	138	25	18.1	347	40	11.5
2014	7,830	250	3.2	27	6	22.2	113	20	17.7	351	38	10.8
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

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



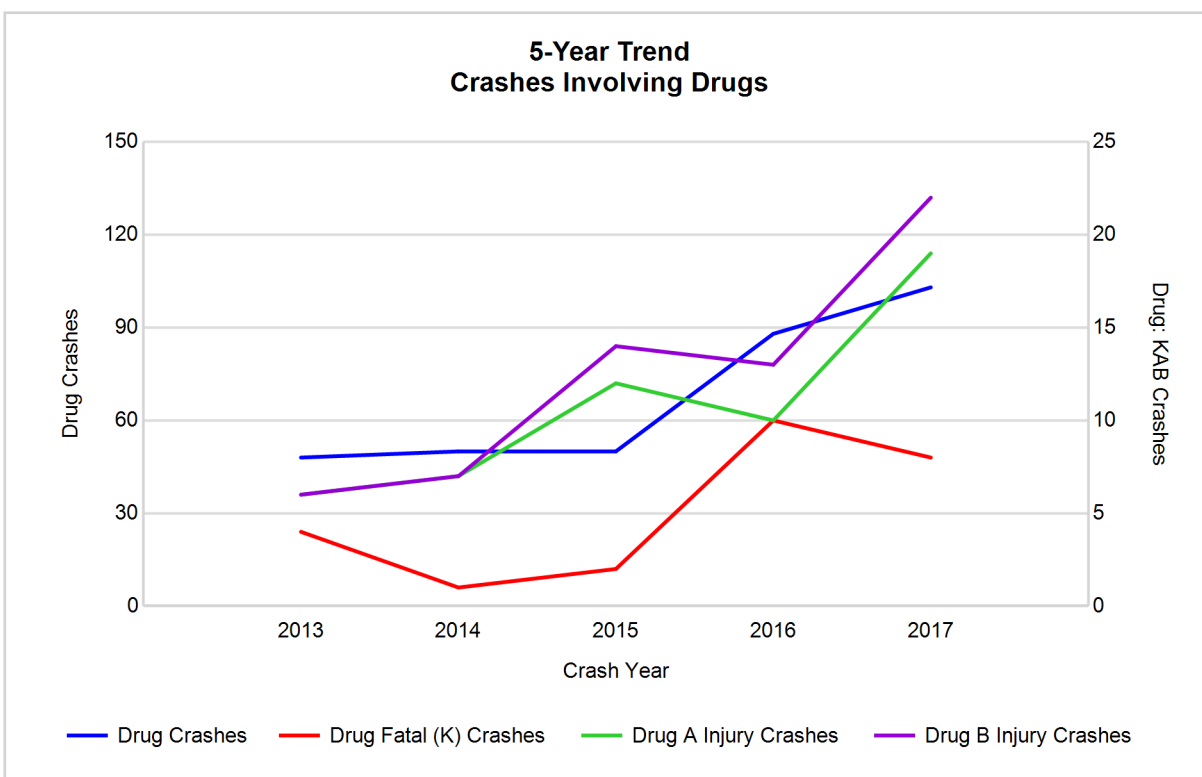
Note: Had-Been-Drinking (HBD)

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
2013	7,943	48	0.6	29	4	13.8	138	6	4.3	347	6	1.7
2014	7,830	50	0.6	27	1	3.7	113	7	6.2	351	7	2.0
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**

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

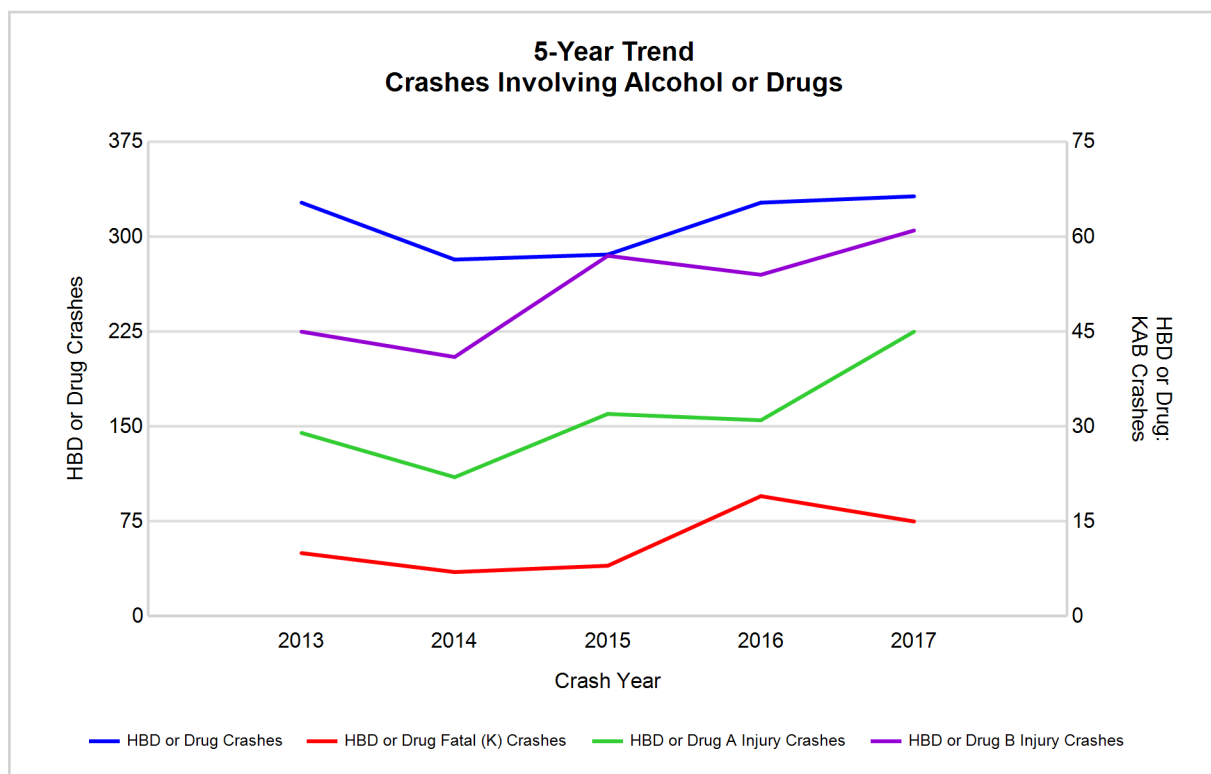


5-Year Trend - Crashes Involving Alcohol or Drugs

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
2013	7,943	327	4.1	29	10	34.5	138	29	21.0	347	45	13.0
2014	7,830	282	3.6	27	7	25.9	113	22	19.5	351	41	11.7
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**

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)

2017 - 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	8,632	7,864	91.1	21	9	42.9	122	99	81.1	343	312	91.0	665	616	92.6	7,177	6,828	95.1
Motor home	118	107	90.7	0	0	0.0	3	2	66.7	12	11	91.7	10	10	100.0	90	84	93.3
Pickup truck	1,648	1,504	91.3	4	2	50.0	17	9	52.9	73	65	89.0	90	85	94.4	1,403	1,343	95.7
Small truck under 10,000 lbs. GVWR	107	90	84.1	0	0	0.0	1	0	0.0	6	5	83.3	8	8	100.0	86	77	89.5
Motorcycle	106	60	56.6	5	2	40.0	20	9	45.0	35	19	54.3	20	15	75.0	25	15	60.0
Moped / goped	21	8	38.1	0	0	0.0	3	2	66.7	8	2	25.0	5	2	40.0	5	2	40.0
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	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	2	0	0.0	0	0	0.0	2	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Other	65	42	64.6	1	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	58	42	72.4
Truck/bus over 10,000 lbs.	358	335	93.6	0	0	0.0	0	0	0.0	6	6	100.0	17	15	88.2	327	314	96.0
Unknown	165	2	1.2	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	16	2	12.5
Total	11,223	10,012	89.2	31	13	41.9	168	121	72.0	484	420	86.8	815	751	92.1	9,187	8,707	94.8

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.

2017 - 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	120	109	90.8	0	0	0.0	11	10	90.9	28	23	82.1	68	64	94.1	13	12	92.3
16 - 20	1,226	1,157	94.4	1	0	0.0	36	25	69.4	65	59	90.8	94	84	89.4	1,027	989	96.3
21 - 24	971	914	94.1	5	1	20.0	10	7	70.0	53	46	86.8	80	68	85.0	821	792	96.5
25 - 64	6,975	6,610	94.8	22	11	50.0	96	67	69.8	284	240	84.5	467	433	92.7	6,084	5,859	96.3
65 +	1,268	1,220	96.2	3	1	33.3	15	12	80.0	54	52	96.3	105	102	97.1	1,084	1,053	97.1
Unknown	663	2	0.3	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	158	2	1.3
Total	11,223	10,012	89.2	31	13	41.9	168	121	72.0	484	420	86.8	815	751	92.1	9,187	8,707	94.8

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	2013			2014			2015			2016			2017		
	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	0	12	55	0	5	61	0	3	35	0	4	25	2	2
Shoulder belt only used	12	0	2	9	0	1	14	0	2	21	1	4	33	0	2
Lap belt only used	39	1	6	34	0	6	20	1	2	22	0	1	19	0	3
Both lap & shoulder belts used	10,093	8	912	10,219	5	908	10,222	13	951	10,437	13	962	9,563	7	917
No belts used	84	9	23	86	4	31	93	5	37	77	9	30	70	7	28
Child restraint used	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0
Child restraint not used, unavailable or improper use	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	2	0	0	2	0	0	1	0	0	0	0	0	4	0	1
Restraint use unknown	484	3	48	543	3	39	539	0	52	951	1	50	953	4	51
Helmet worn	100	3	77	75	3	42	86	2	64	69	3	47	66	2	47
Helmet not worn	46	2	37	37	0	32	54	4	37	58	3	36	48	2	36
Helmet use unknown	8	0	4	3	0	0	10	0	4	8	0	5	5	1	1
Uncoded & errors	692	0	0	671	0	1	702	0	4	225	0	1	51	0	0
Total	11,624	26	1,121	11,735	15	1,065	11,803	25	1,156	11,904	30	1,140	10,838	25	1,088

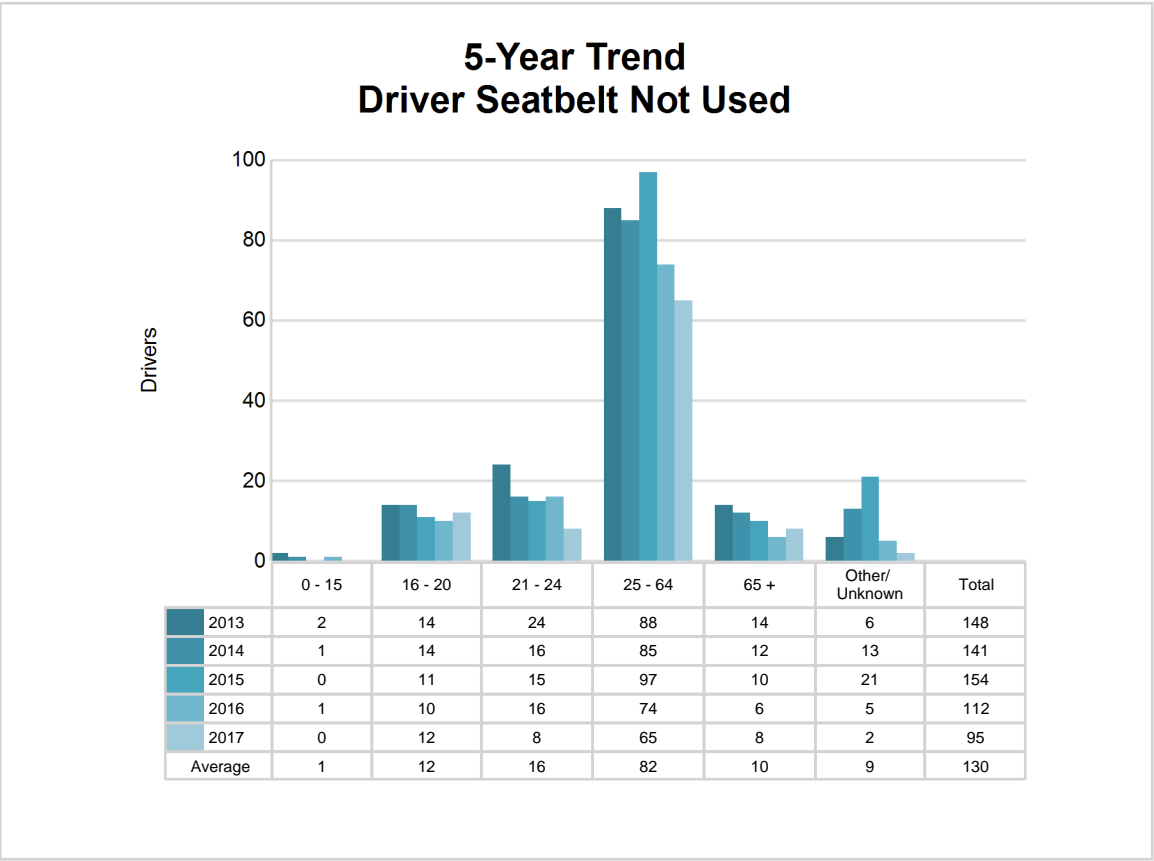
5-Year Trend - Restraint Use Among Drivers Coded Drinking

Restraint Use	2013			2014			2015			2016			2017		
	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	3	2	0	0	1	0	1	0	0	0	0	0	0
Shoulder belt only used	0	0	0	0	0	0	1	0	1	2	1	0	0	0	0
Lap belt only used	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0
Both lap & shoulder belts used	209	0	53	185	2	46	174	3	52	191	2	63	198	3	60
No belts used	18	5	8	17	0	9	27	0	17	12	4	7	16	3	8
Child restraint used	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0
Restraint use unknown	51	1	15	38	1	10	43	0	15	52	0	15	38	1	20
Helmet worn	5	0	4	2	0	1	3	1	1	1	1	0	3	1	2
Helmet not worn	3	0	3	2	0	2	8	2	5	5	0	5	12	1	10
Helmet use unknown	1	0	1	0	0	0	1	0	1	0	0	0	1	1	0
Uncoded & errors	1	0	0	2	0	0	1	0	0	1	0	0	0	0	0
Total	291	6	87	249	3	68	259	6	93	265	8	90	270	10	100

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

Age Group	2013			2014			2015			2016			2017		
	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	2	0	1	1	0	0	0	0	0	1	0	1	0	0	0
16 - 20	14	0	5	14	0	6	11	1	3	10	1	3	12	1	7
21 - 24	24	2	7	16	0	7	15	0	5	16	1	7	8	4	2
25 - 64	88	5	19	85	3	19	97	2	30	74	5	22	65	3	19
65 +	14	2	3	12	1	3	10	2	2	6	2	1	8	1	2
Unknown	6	0	0	13	0	1	21	0	0	5	0	0	2	0	0
Total	148	9	35	141	4	36	154	5	40	112	9	34	95	9	30

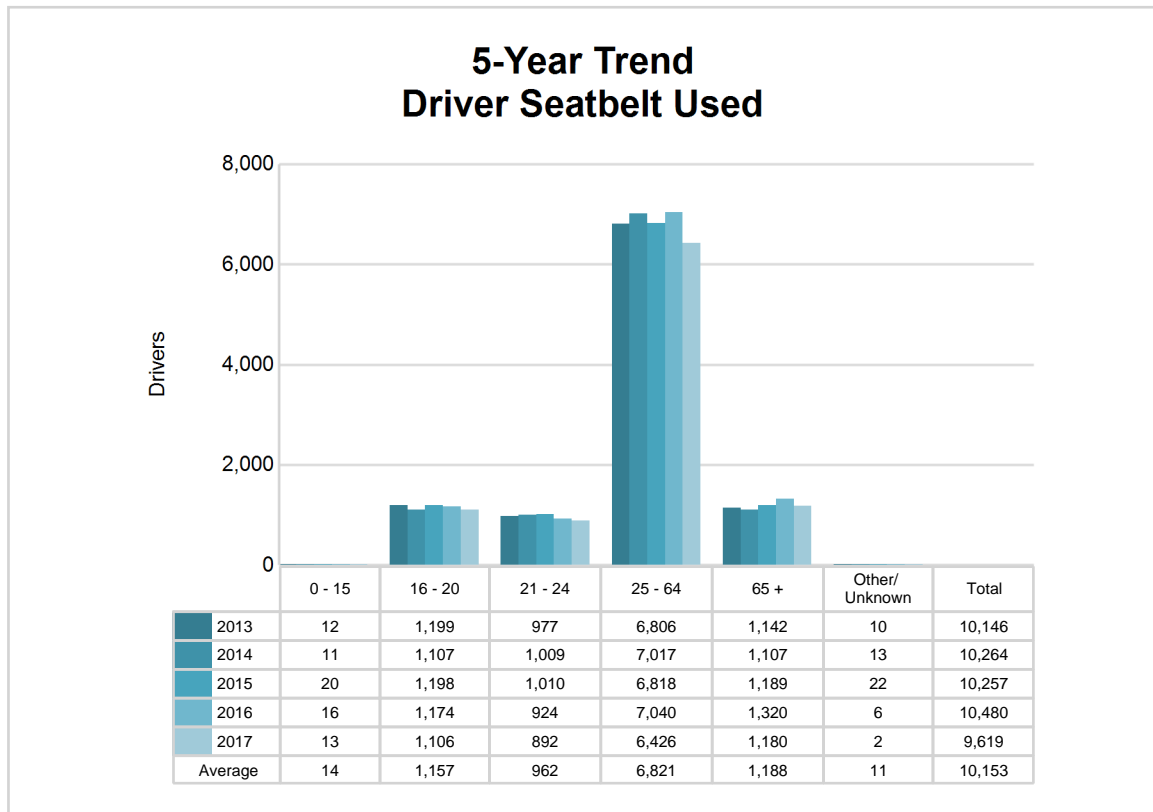
Note: Seatbelt Not Used includes no belts available or no belts used.



5-Year Trend - Seatbelt Used Among Drivers by Age

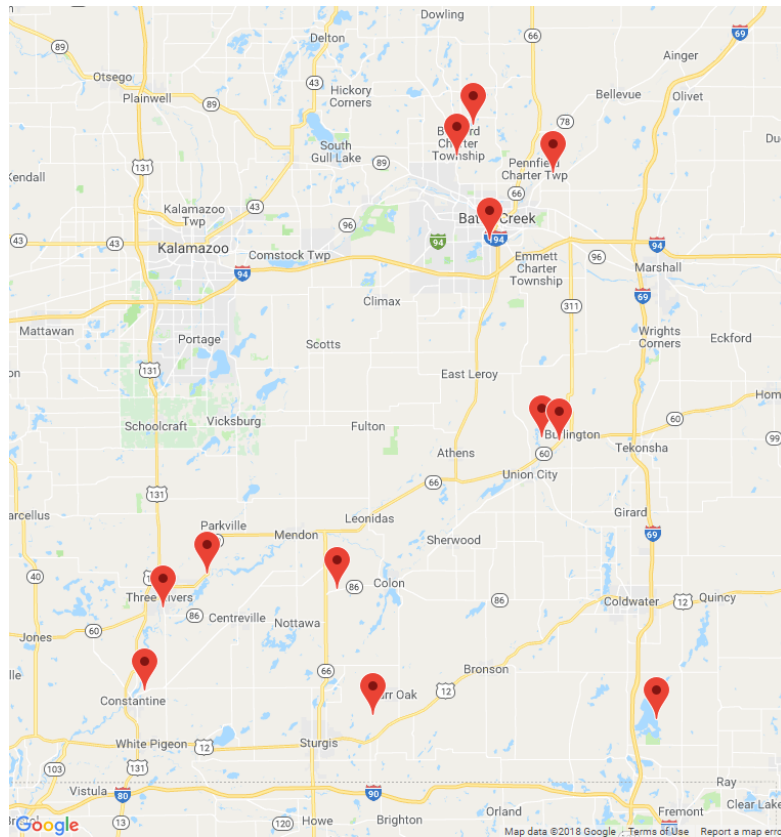
Age Group	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	12	0	0	11	0	2	20	0	3	16	0	3	13	0	1
16 - 20	1,199	0	148	1,107	0	111	1,198	2	131	1,174	2	105	1,106	0	118
21 - 24	977	0	93	1,009	1	110	1,010	2	96	924	0	83	892	1	100
25 - 64	6,806	4	558	7,017	2	585	6,818	7	620	7,040	10	642	6,426	6	575
65 +	1,142	5	119	1,107	2	104	1,189	3	104	1,320	2	134	1,180	0	129
Unknown	10	0	2	13	0	3	22	0	1	6	0	0	2	0	0
Total	10,146	9	920	10,264	5	915	10,257	14	955	10,480	14	967	9,619	7	923

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	2013		2014		2015		2016		2017	
	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	6,582	15	6,548	9	6,744	23	6,655	33	6,114	18
Speed too fast	1,209	8	1,282	5	1,171	9	1,183	6	1,086	8
Speed too slow	7	0	3	0	9	0	5	0	12	0
Failed to yield	869	5	1,006	3	991	5	972	8	876	0
Disregard traffic control	219	1	176	0	220	1	212	4	201	3
Drove wrong way	8	0	5	0	8	0	6	0	9	0
Drove left of center	68	6	54	0	87	4	83	3	57	1
Improper passing	68	0	62	1	67	0	64	0	50	0
Improper lane use	155	0	189	0	176	0	225	0	215	0
Improper turn	92	0	84	0	82	0	112	0	91	1
Improper/no signal	27	0	14	0	10	0	5	0	7	0
Improper backing	227	0	223	0	213	0	226	0	183	0
Unable to stop in assured clear distance	1,046	0	1,023	3	1,052	0	1,048	3	823	0
Other	394	2	403	3	319	2	331	2	313	0
Unknown	222	2	224	7	203	1	247	5	266	5
Reckless driving	64	0	67	0	63	1	63	1	81	2
Careless/negligent driving	367	3	371	4	386	4	464	5	453	5
Uncoded & errors	0	0	1	0	2	0	3	0	1	0
Total	11,624	42	11,735	35	11,803	50	11,904	70	10,838	43



The picture above represents all 2017 alcohol-involved fatal crashes in Post 54.

In 2017, there were 272 alcohol-involved crashes in Post 54:

12 K - Fatal Crashes

34 A - Suspected Serious Injury Crashes

47 B - Suspected Minor Injury Crashes

33 C - Possible Injury Crashes

146 O - Property Damage Only/No Injury Crashes

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