July 2020
Revised 8/24/2020

MICHIGAN
Office of Highway Safety Planning
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.

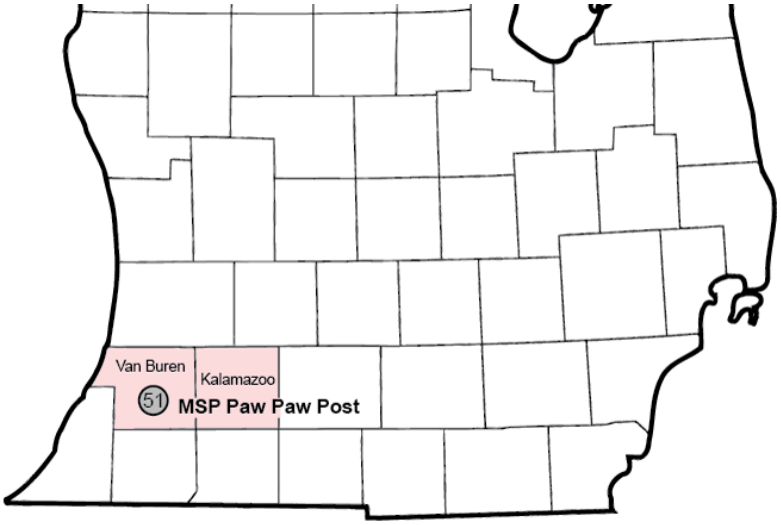
KABCO Injury Indicator:
K = Killed
A = Suspected Serious Injury
B = Suspected Minor Injury
C = Possible Injury
O = No Injury
Property Damage Only (PDO)

UMTRI
University of Michigan
Transportation Research Institute

Michigan State Police (MSP) Post 51 - Paw Paw

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

Post 51 is comprised of Kalamazoo and Van Buren 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 51 - Paw Paw

- There were 11,324 crashes in Post 51 during 2019. [Page 1]
- A total of 38 fatalities resulted from 34 fatal crashes in 2019 in Post 51. [Page 1]
- There were 2,509 injuries and 1,876 injury crashes. [Page 1]
- There were 9,414 property damage only crashes (no fatalities or injuries). [Page 1]
- January had the highest number of crashes (1,358). [Pages 1-2]
- October had the highest number of fatal crashes (6) while February had the highest number of fatalities (7). [Pages 1-2]
- July had the highest number of injury crashes (185) and injuries (258). [Page 1]
- November had the highest number of property damage only crashes (1,178). [Page 1]
- Of all vehicles involved in fatal crashes, 0 (0.0%) were motorcycles. [Page 1]
- Tuesday was the day of the week with the highest number of crashes (1,940) and fatal crashes (7). [Pages 2-3]
- The 3:00 PM - 5:59 PM time period had the highest number of crashes (2,606). This holds true for every year between 2015 and 2019. The Noon - 2:59 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 (1,913). The 6:00 AM - 8:59 AM time period had the highest number of deer-involved crashes. There were 0 fatal crashes involving deer in 2019. [Pages 7-8]
- Kalamazoo County (78.5%) had the highest number of crashes in Post 51 in 2019, followed by Van Buren County (21.5%). [Page 8]
- Kalamazoo County and Van Buren County (50.0%) had the highest number of fatalities in Post 51 in 2019. [Page 8]
- The highest number of drivers in crashes (19,006) occurred during 2019 and the highest number of drivers coded drinking in crashes (418) occurred during 2017 within the five year period between 2015 and 2019. [Page 9]
- A total of 375 crashes involved alcohol in 2019. [Page 11]
- Alcohol-involved fatal crashes were the highest in 2015 and 2017 during the five-year period from 2015 to 2019 at 14. [Page 11]
- A total of 84 crashes, 13 fatal crashes, and 9 suspected serious injury crashes involved drugs in 2019. [Page 12]
- There were 16,192 drivers wearing seatbelts and 113 drivers not wearing seatbelts in crashes in 2019. Of the 113 drivers not wearing seat belts, 9 (8.0%) were killed and 41 (36.3%) were injured. [Pages 15-17]
- The most common hazardous action coded for drivers in 2019 in all crashes was unable to stop in assured clear distance (2,494), while the most common hazardous action coded for drivers in fatal crashes was unknown (9). [Page 18]

MSP Post 51 - Paw Paw (continued)

Post 51 Experience

In 2019:

There were 19,006 drivers involved in 11,324 motor vehicle crashes in MSP Post 51. Of those crashes, 34 were classified as fatal, resulting in 38 fatalities. An additional 2,509 persons were injured.

Post 51 experienced the highest number of motor vehicle crashes (1,358) in January, the highest number of fatal crashes (6) in October and the highest number of persons killed (7) in February.

Michigan driver statistics indicate 6.4 percent of licensed drivers in Post 51 were age 16-20, and 11.3 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	1,358	2	180	1,176	3	233
February	938	5	134	799	7	174
March	827	3	129	695	3	165
April	692	1	136	555	1	174
May	790	1	157	632	1	222
June	831	3	152	676	3	207
July	888	3	185	700	3	258
August	737	1	167	569	1	228
September	809	4	163	642	4	220
October	1,056	6	178	872	6	250
November	1,341	2	161	1,178	2	212
December	1,057	3	134	920	4	166
Total	**11,324**	**34**	**1,876**	**9,414**	**38**	**2,509**

2019 - Driver Statistics

Age Group	Post 51			Driver Rates	
	2019 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	66,058	1,783	32	4.8	179.5
16 - 20	26,244	15,409	2,155	821.1	1,398.5
21 - 24	28,298	17,016	2,016	712.4	1,184.8
25 - 64	165,109	154,587	11,396	690.2	737.2
65 +	55,034	50,549	1,927	350.1	381.2
Unknown	0	0	1,480	- -	- -
Total	**340,743**	**239,344**	**19,006**	**557.8**	**794.1**

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	15,511	81.6	37	75.5	2,764	12,710
Motor home	25	0.1	0	0.0	4	21
Pickup truck	1,814	9.5	6	12.2	299	1,509
Small truck under 10,000 lbs. GVWR	107	0.6	0	0.0	22	85
Motorcycle	110	0.6	0	0.0	84	26
Moped / goped	18	0.1	1	2.0	14	3
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	6	0.0	0	0.0	5	1
Other	67	0.4	0	0.0	8	59
Truck/bus over 10,000 lbs.	771	4.1	5	10.2	126	640
Unknown	577	3.0	0	0.0	48	529
Total	**19,006**	**100.0**	**49**	**100.0**	**3,374**	**15,583**

MSP Post 51 - Paw Paw (continued)

5-Year Trend - Crashes by Month

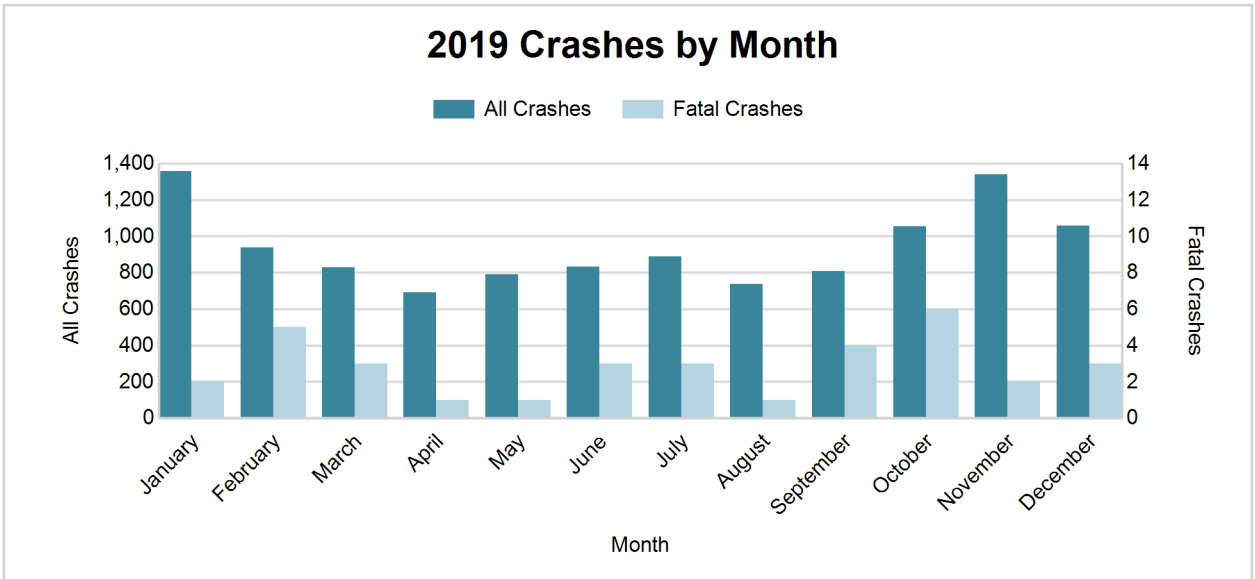
Month	2015		2016		2017		2018		2019	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	1,242	6	1,070	2	1,011	2	1,083	2	1,358	2
February	1,098	1	1,135	3	736	0	910	1	938	5
March	658	0	785	3	807	5	778	5	827	3
April	639	4	700	7	705	3	784	1	692	1
May	839	3	781	2	808	4	803	5	790	1
June	785	6	800	6	790	8	759	4	831	3
July	800	6	743	0	813	4	761	7	888	3
August	729	3	728	5	761	4	733	5	737	1
September	716	3	844	4	808	4	777	2	809	4
October	1,047	3	999	3	1,099	3	975	2	1,056	6
November	1,064	2	1,086	5	1,073	1	1,270	1	1,341	2
December	1,008	3	1,319	3	1,512	6	911	3	1,057	3
Total	**10,625**	**40**	**10,990**	**43**	**10,923**	**44**	**10,544**	**38**	**11,324**	**34**

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	1,470	5	1,547	5	1,593	3	1,654	2	1,703	4
Tuesday	1,537	4	1,544	3	1,566	3	1,529	2	1,940	7
Wednesday	1,724	0	1,611	6	1,650	8	1,595	8	1,771	5
Thursday	1,537	7	1,799	5	1,720	8	1,537	3	1,605	6
Friday	1,758	7	1,852	7	1,766	12	1,881	8	1,815	4
Saturday	1,509	11	1,431	8	1,426	3	1,292	5	1,346	4
Sunday	1,090	6	1,206	9	1,202	7	1,056	10	1,144	4
Total	**10,625**	**40**	**10,990**	**43**	**10,923**	**44**	**10,544**	**38**	**11,324**	**34**

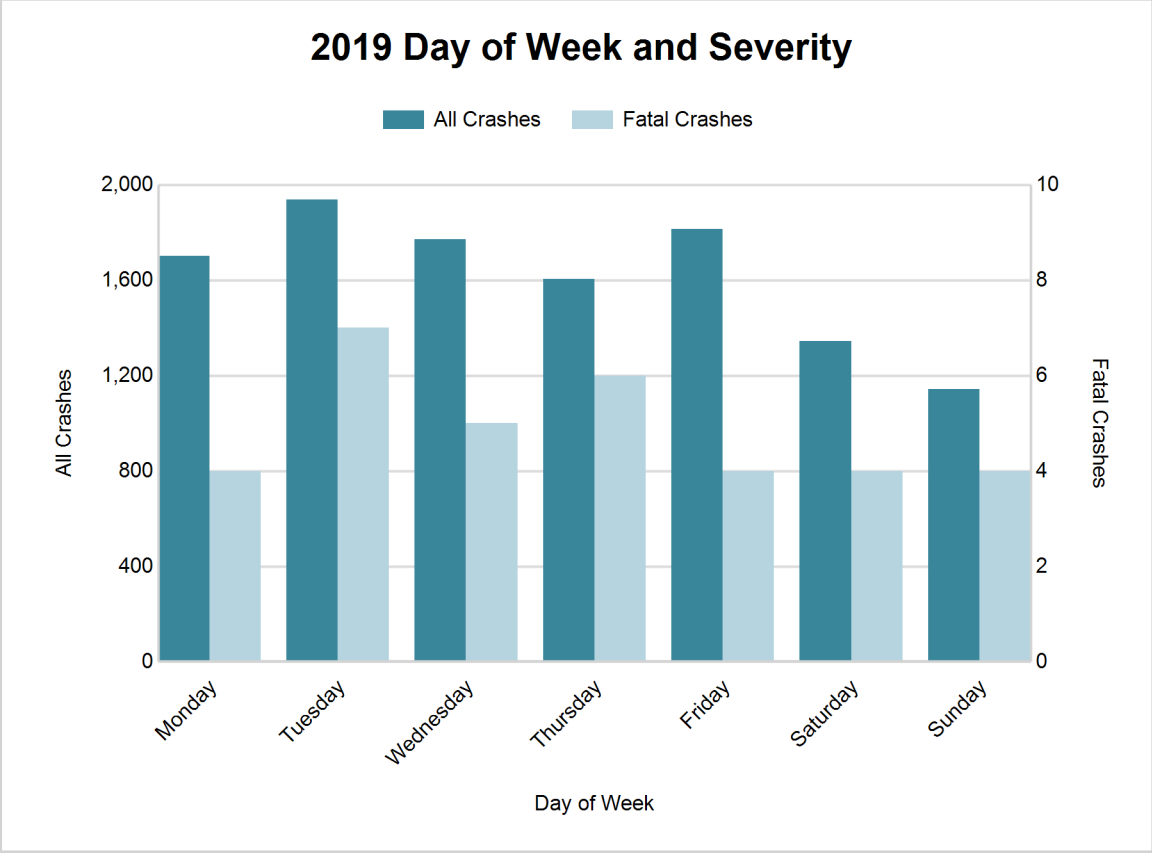
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred on the same day of the week



MSP Post 51 - Paw Paw (continued)

2019 - Crashes by Day of Week

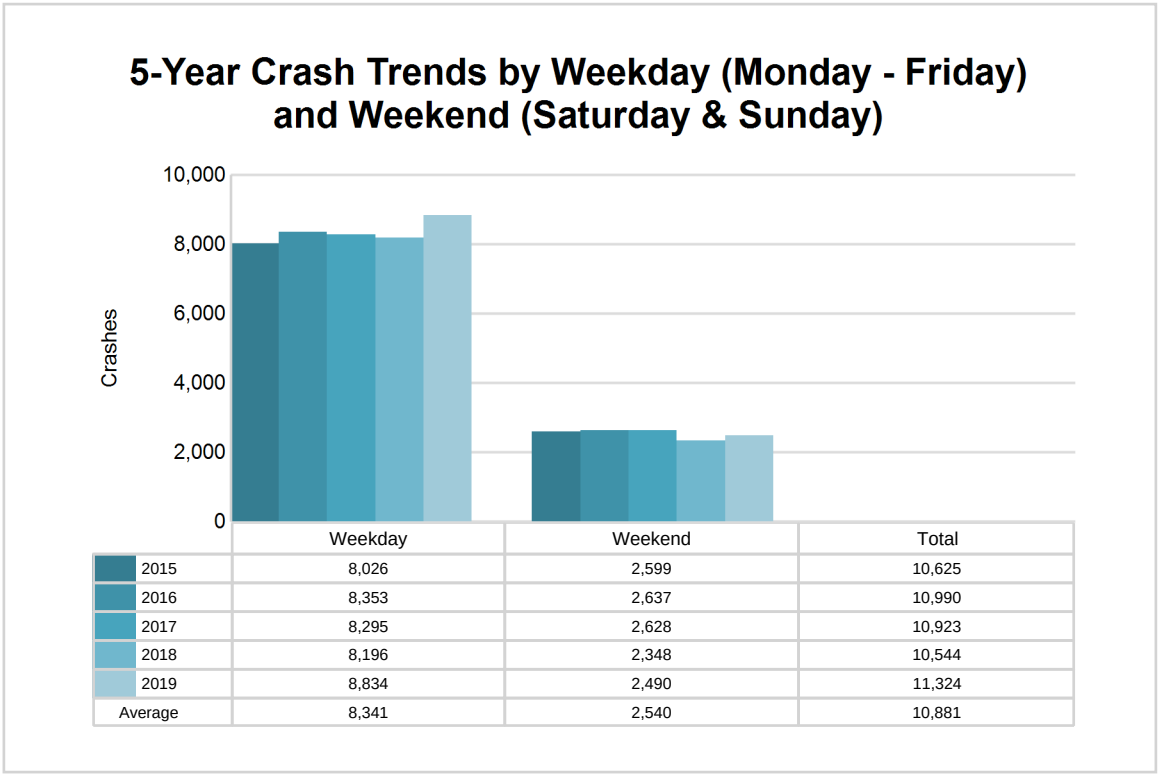
Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	1,703	15.0	4	11.8	26	79	170	1,424
Tuesday	1,940	17.1	7	20.6	35	78	190	1,630
Wednesday	1,771	15.6	5	14.7	31	63	163	1,509
Thursday	1,605	14.2	6	17.6	30	72	170	1,327
Friday	1,815	16.0	4	11.8	26	79	189	1,517
Saturday	1,346	11.9	4	11.8	37	76	131	1,098
Sunday	1,144	10.1	4	11.8	37	68	126	909
Total	**11,324**	**100.0**	**34**	**100.0**	**222**	**515**	**1,139**	**9,414**



MSP Post 51 - Paw Paw (continued)

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	8,026	23	8,353	26	8,295	34	8,196	23	8,834	26
Weekend	2,599	17	2,637	17	2,628	10	2,348	15	2,490	8
Total	**10,625**	**40**	**10,990**	**43**	**10,923**	**44**	**10,544**	**38**	**11,324**	**34**

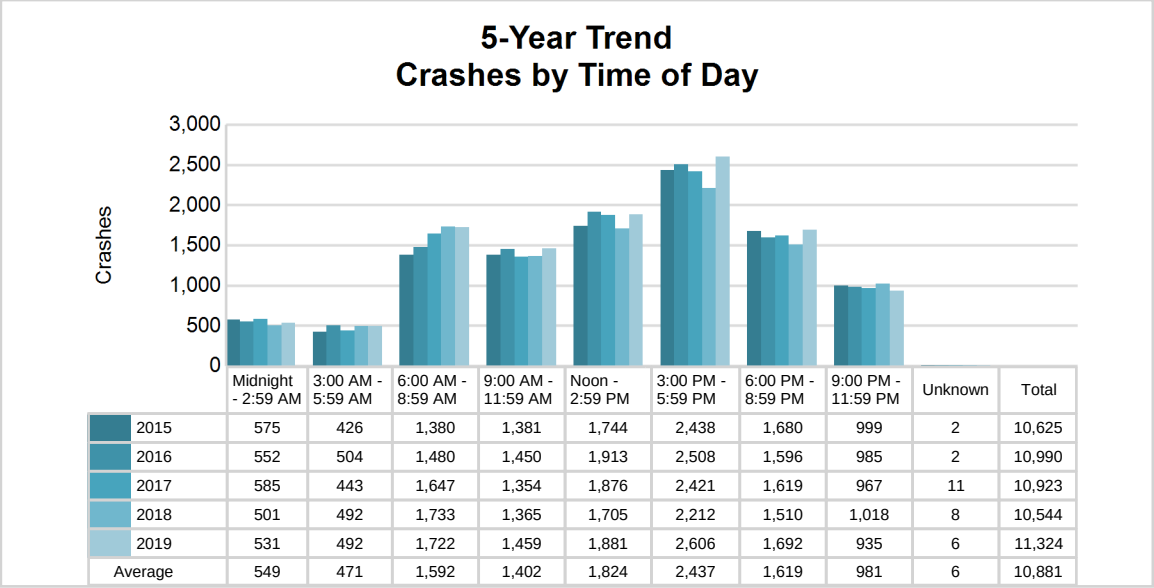


MSP Post 51 - Paw Paw (continued)

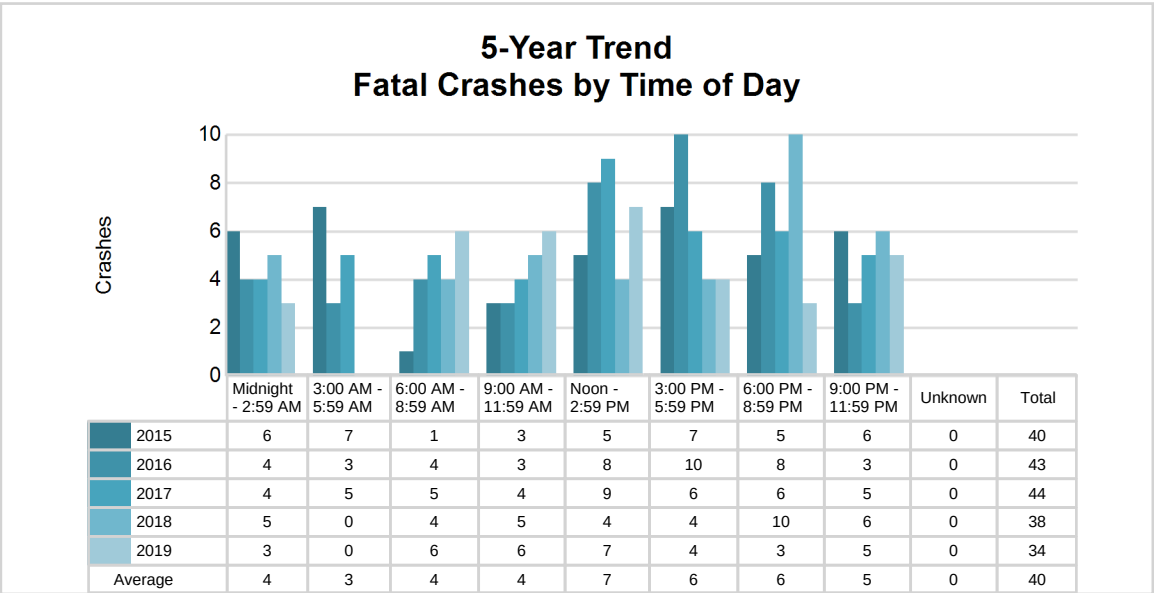
5-Year Trend - Crashes by Time of Day

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	575	6	552	4	585	4	501	5	531	3
3:00 AM - 5:59 AM	426	7	504	3	443	5	492	0	492	0
6:00 AM - 8:59 AM	1,380	1	1,480	4	1,647	5	1,733	4	1,722	6
9:00 AM - 11:59 AM	1,381	3	1,450	3	1,354	4	1,365	5	1,459	6
Noon - 2:59 PM	1,744	5	1,913	8	1,876	9	1,705	4	1,881	7
3:00 PM - 5:59 PM	2,438 †	7	2,508 †	10	2,421 †	6	2,212 †	4	2,606 †	4
6:00 PM - 8:59 PM	1,680	5	1,596	8	1,619	6	1,510	10	1,692	3
9:00 PM - 11:59 PM	999	6	985	3	967	5	1,018	6	935	5
Unknown	2	0	2	0	11	0	8	0	6	0
Total	**10,625**	**40**	**10,990**	**43**	**10,923**	**44**	**10,544**	**38**	**11,324**	**34**

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



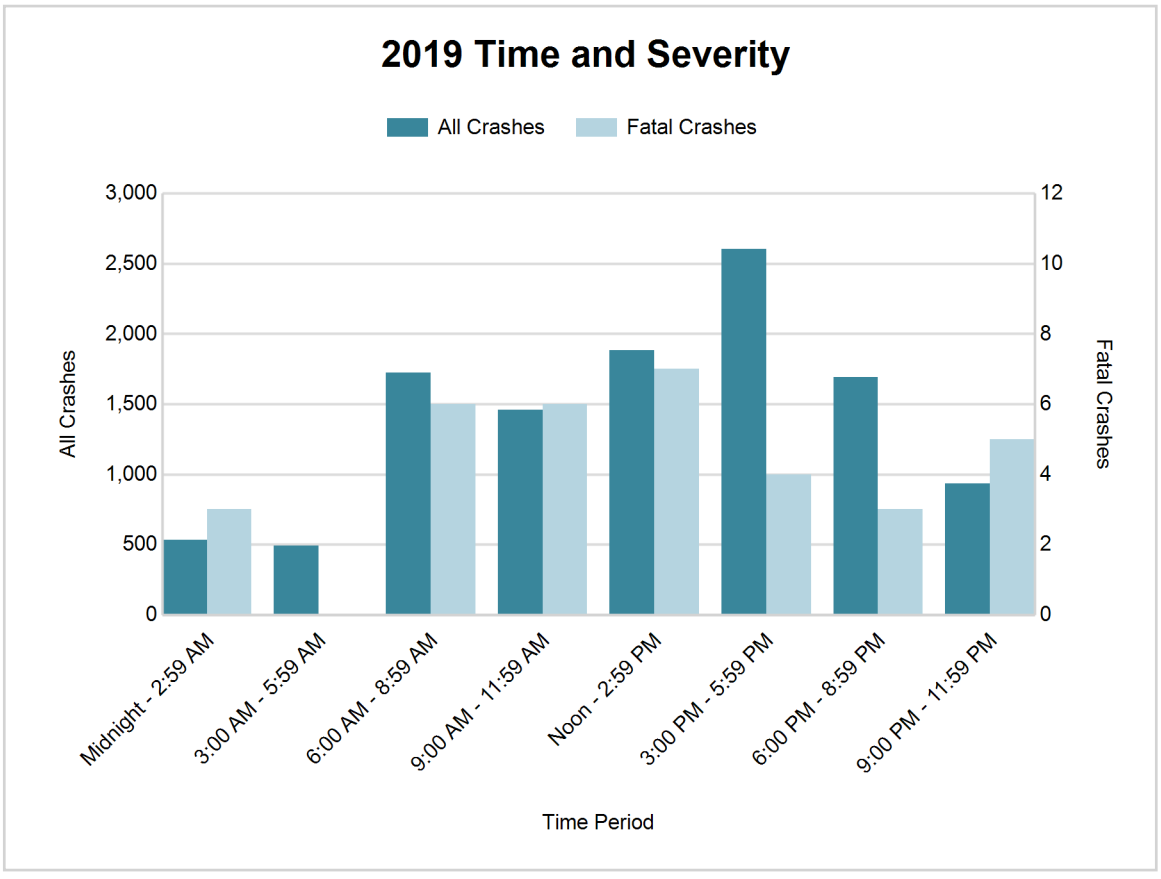
	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2015	575	426	1,380	1,381	1,744	2,438	1,680	999	2	10,625
2016	552	504	1,480	1,450	1,913	2,508	1,596	985	2	10,990
2017	585	443	1,647	1,354	1,876	2,421	1,619	967	11	10,923
2018	501	492	1,733	1,365	1,705	2,212	1,510	1,018	8	10,544
2019	531	492	1,722	1,459	1,881	2,606	1,692	935	6	11,324
Average	549	471	1,592	1,402	1,824	2,437	1,619	981	6	10,881



	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2015	6	7	1	3	5	7	5	6	0	40
2016	4	3	4	3	8	10	8	3	0	43
2017	4	5	5	4	9	6	6	5	0	44
2018	5	0	4	5	4	4	10	6	0	38
2019	3	0	6	6	7	4	3	5	0	34
Average	4	3	4	4	7	6	6	5	0	40

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	531	4.7	3	8.8	15	31	44	438
3:00 AM - 5:59 AM	492	4.3	0	0.0	9	18	35	430
6:00 AM - 8:59 AM	1,722	15.2	6	17.6	28	59	137	1,492
9:00 AM - 11:59 AM	1,459	12.9	6	17.6	25	68	147	1,213
Noon - 2:59 PM	1,881	16.6	7	20.6	40	86	244	1,504
3:00 PM - 5:59 PM	2,606	23.0	4	11.8	52	125	275	2,150
6:00 PM - 8:59 PM	1,692	14.9	3	8.8	35	88	170	1,396
9:00 PM - 11:59 PM	935	8.3	5	14.7	18	40	87	785
Unknown	6	0.1	0	0.0	0	0	0	6
Total	**11,324**	**100.0**	**34**	**100.0**	**222**	**515**	**1,139**	**9,414**

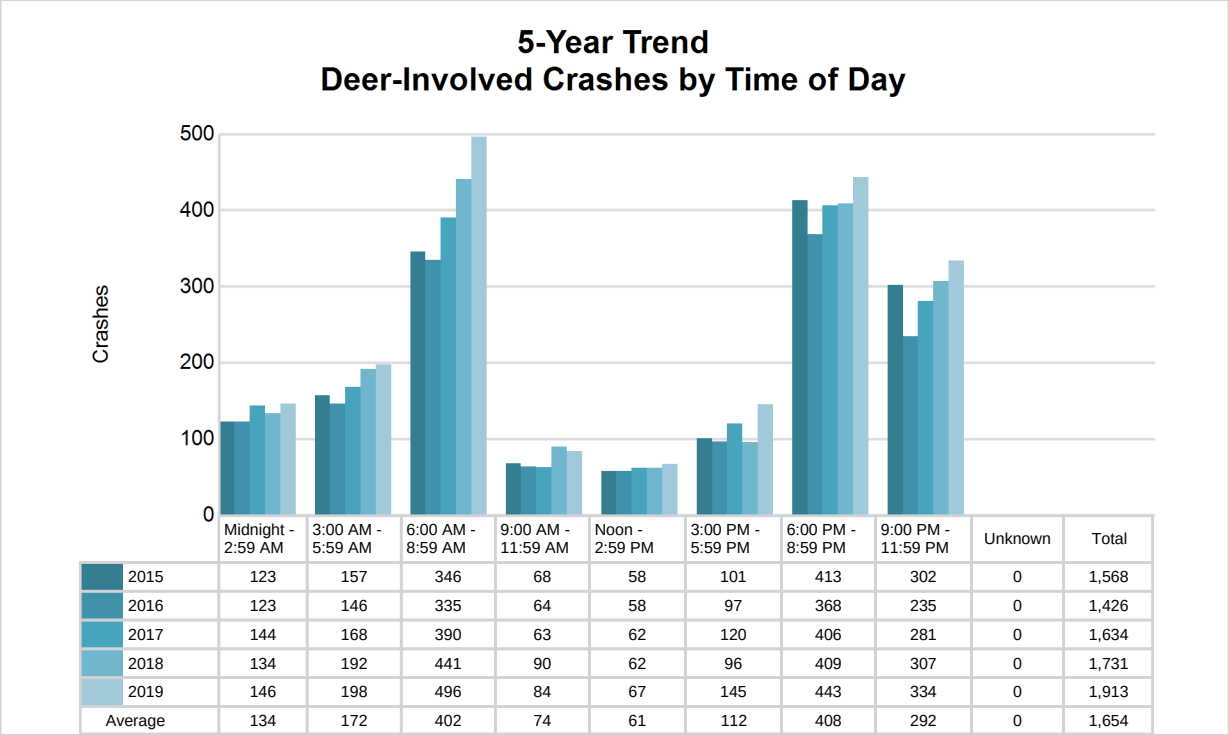


MSP Post 51 - Paw Paw (continued)

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

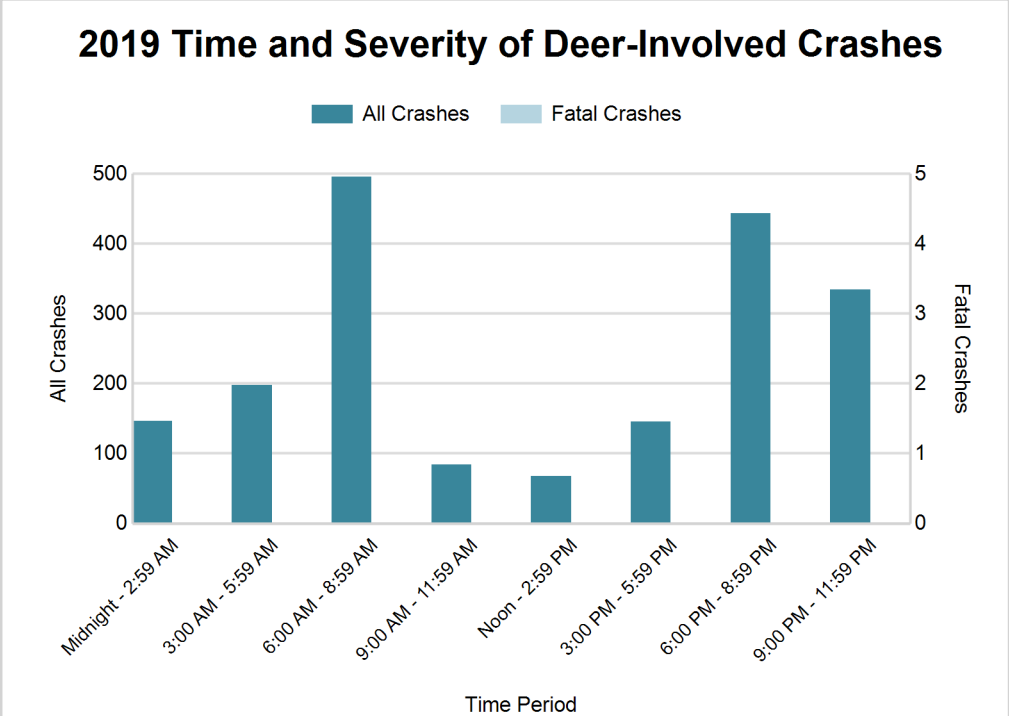
Time of Day	2015		2016		2017		2018		2019	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	123	1	123	0	144	0	134	0	146	0
3:00 AM - 5:59 AM	157	0	146	0	168	0	192	0	198	0
6:00 AM - 8:59 AM	346	0	335	0	390	0	441	0	496	0
9:00 AM - 11:59 AM	68	0	64	0	63	0	90	0	84	0
Noon - 2:59 PM	58	0	58	0	62	0	62	0	67	0
3:00 PM - 5:59 PM	101	1	97	0	120	0	96	0	145	0
6:00 PM - 8:59 PM	413	0	368	0	406	0	409	0	443	0
9:00 PM - 11:59 PM	302	0	235	0	281	0	307	0	334	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	**1,568**	**2**	**1,426**	**0**	**1,634**	**0**	**1,731**	**0**	**1,913**	**0**

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



	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2015	123	157	346	68	58	101	413	302	0	1,568
2016	123	146	335	64	58	97	368	235	0	1,426
2017	144	168	390	63	62	120	406	281	0	1,634
2018	134	192	441	90	62	96	409	307	0	1,731
2019	146	198	496	84	67	145	443	334	0	1,913
Average	134	172	402	74	61	112	408	292	0	1,654

MSP Post 51 - Paw Paw (continued)



There were no fatal deer-involved crashes in Post 51 in 2019

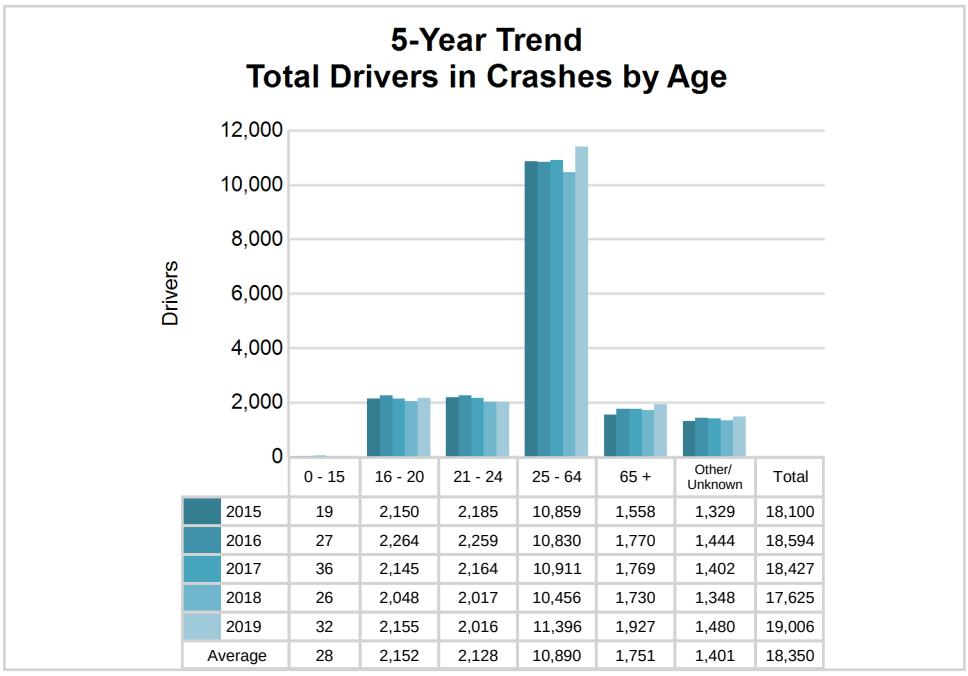
2019 - Reported Motor Vehicle Crashes by County

County	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Kalamazoo	8,888	17	1,477	7,394	1,358	656	1,609	5,258	283	55	1,163	19	1,958
Van Buren	2,436	17	399	2,020	621	0	497	1,315	92	29	750	19	551
Total	**11,324**	**34**	**1,876**	**9,414**	**1,979**	**656**	**2,106**	**6,573**	**375**	**84**	**1,913**	**38**	**2,509**

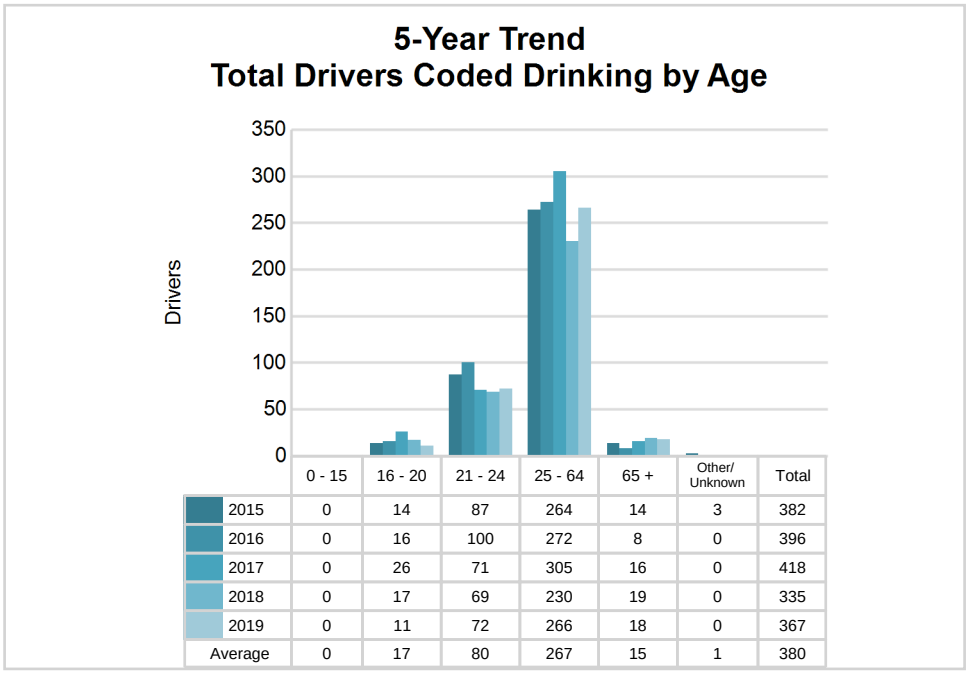
MSP Post 51 - Paw Paw (continued)

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	19	0	27	0	36	0	26	0	32	0
16 - 20	2,150	14	2,264	16	2,145	26	2,048	17	2,155	11
21 - 24	2,185	87	2,259	100	2,164	71	2,017	69	2,016	72
25 - 64	10,859	264	10,830	272	10,911	305	10,456	230	11,396	266
65 +	1,558	14	1,770	8	1,769	16	1,730	19	1,927	18
Unknown	1,329	3	1,444	0	1,402	0	1,348	0	1,480	0
Total	**18,100**	**382**	**18,594**	**396**	**18,427**	**418**	**17,625**	**335**	**19,006**	**367**



	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2015	19	2,150	2,185	10,859	1,558	1,329	18,100
2016	27	2,264	2,259	10,830	1,770	1,444	18,594
2017	36	2,145	2,164	10,911	1,769	1,402	18,427
2018	26	2,048	2,017	10,456	1,730	1,348	17,625
2019	32	2,155	2,016	11,396	1,927	1,480	19,006
Average	28	2,152	2,128	10,890	1,751	1,401	18,350

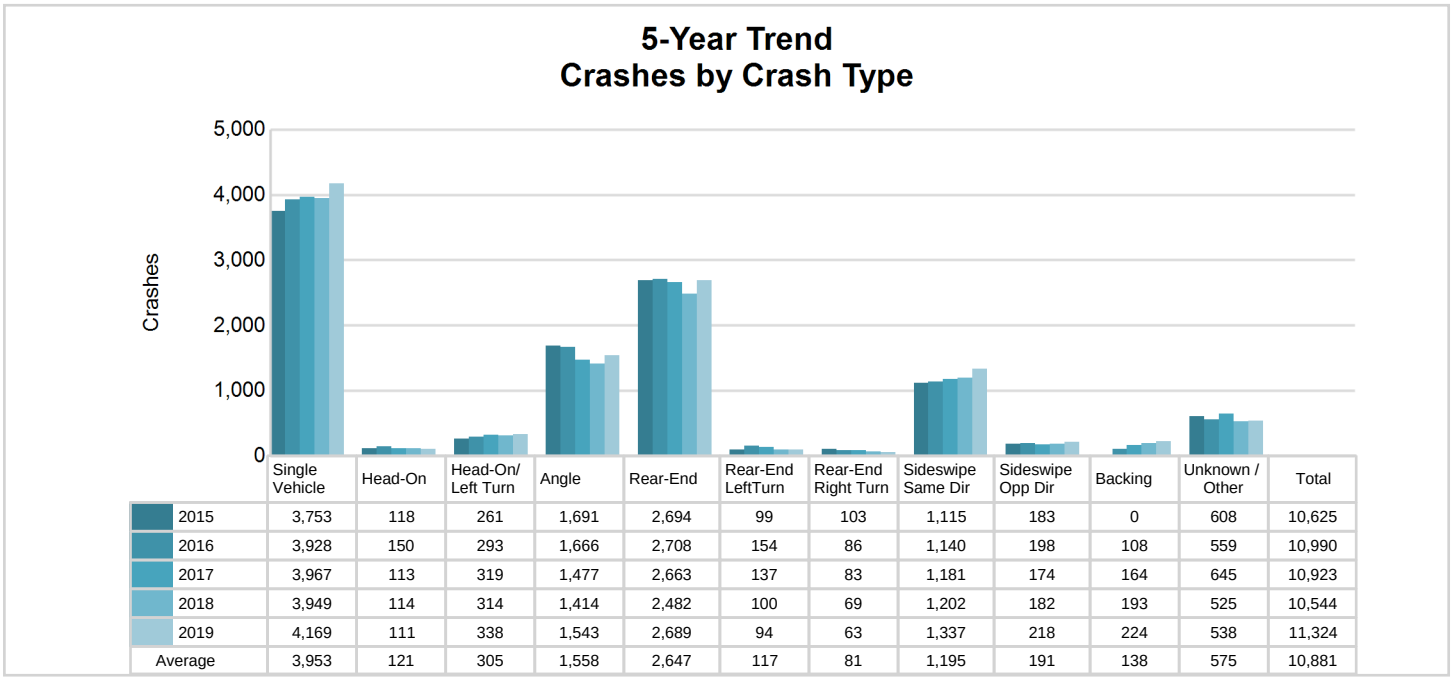


	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2015	0	14	87	264	14	3	382
2016	0	16	100	272	8	0	396
2017	0	26	71	305	16	0	418
2018	0	17	69	230	19	0	335
2019	0	11	72	266	18	0	367
Average	0	17	80	267	15	1	380

MSP Post 51 - Paw Paw (continued)

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	3,753	22	3,928	22	3,967	19	3,949	20	4,169	20
Head-on	118	2	150	7	113	5	114	3	111	5
Head-on / left turn	261	1	293	2	319	2	314	1	338	2
Angle	1,691	4	1,666	9	1,477	10	1,414	7	1,543	3
Rear-end	2,694	4	2,708	1	2,663	4	2,482	3	2,689	1
Rear-end left turn	99	0	154	0	137	0	100	0	94	0
Rear-end right turn	103	0	86	0	83	0	69	0	63	0
Sideswipe same direction	1,115	0	1,140	2	1,181	1	1,202	0	1,337	1
Sideswipe opposite direction	183	0	198	0	174	1	182	0	218	0
Backing	0	0	108	0	164	0	193	0	224	0
Other / Unknown	608	7	559	0	645	2	525	4	538	2
Uncoded and Errors	0	0	0	0	0	0	0	0	0	0
Total	**10,625**	**40**	**10,990**	**43**	**10,923**	**44**	**10,544**	**38**	**11,324**	**34**



	Single Vehicle	Head-On	Head-On/ Left Turn	Angle	Rear-End	Rear-End LeftTurn	Rear-End Right Turn	Sideswipe Same Dir	Sideswipe Opp Dir	Backing	Unknown / Other	Total
2015	3,753	118	261	1,691	2,694	99	103	1,115	183	0	608	10,625
2016	3,928	150	293	1,666	2,708	154	86	1,140	198	108	559	10,990
2017	3,967	113	319	1,477	2,663	137	83	1,181	174	164	645	10,923
2018	3,949	114	314	1,414	2,482	100	69	1,202	182	193	525	10,544
2019	4,169	111	338	1,543	2,689	94	63	1,337	218	224	538	11,324
Average	3,953	121	305	1,558	2,647	117	81	1,195	191	138	575	10,881

MSP Post 51 - Paw Paw (continued)

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	4	0	0	0	0	0	0	0	0
16 - 20	32	26	9	11	0	4	4	1	2
21 - 24	92	75	63	72	0	5	24	25	18
25 - 64	365	310	235	266	0	17	71	113	65
65 +	25	29	18	18	0	2	6	6	4
Unknown	35	0	0	0	0	0	0	0	0
Total	**553**	**440**	**325**	**367**	**0**	**28**	**105**	**145**	**89**

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

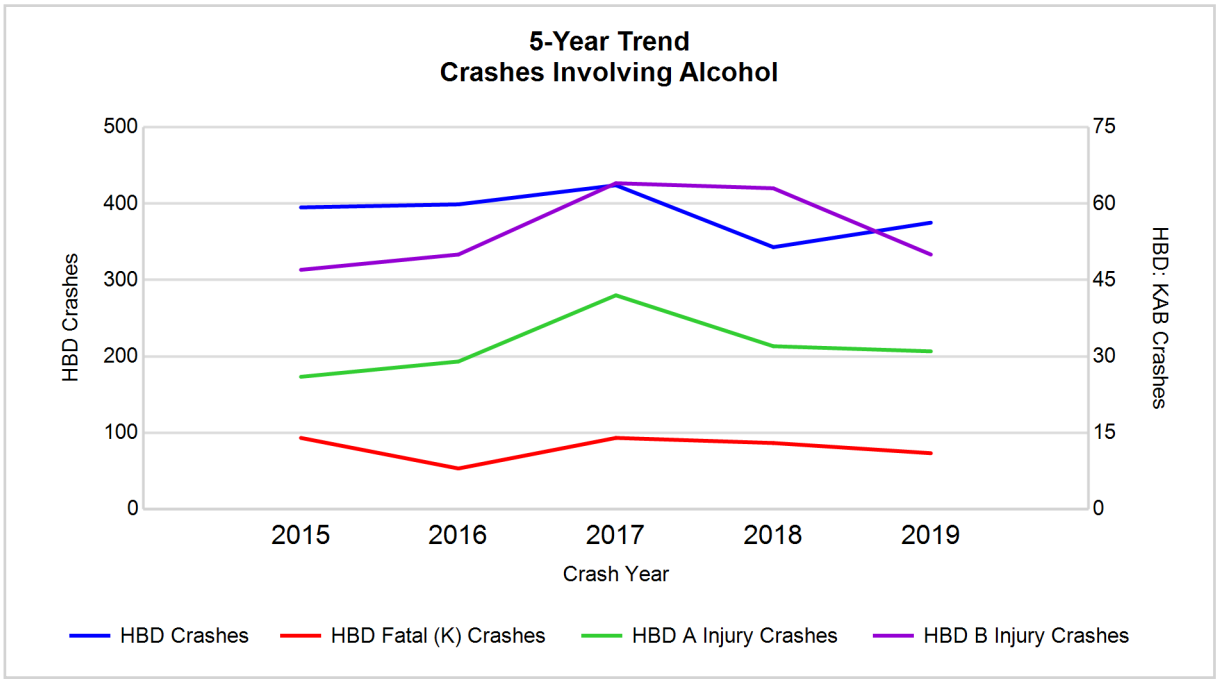
In 2019, there were 553 drivers in alcohol-involved crashes; 367 (66.4%) of those drivers were coded as had-been-drinking by the officer on the crash form.

- 250 (68.1%) of the 367 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 145 (58.0%) of the 250 drivers had a BAC at or above 0.17 g/dL.
- 325 (88.6%) of the 367 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	10,625	395	3.7	40	14	35.0	140	26	18.6	452	47	10.4
2016	10,990	399	3.6	43	8	18.6	179	29	16.2	509	50	9.8
2017	10,923	424	3.9	44	14	31.8	206	42	20.4	529	64	12.1
2018	10,544	343	3.3	38	13	34.2	202	32	15.8	512	63	12.3
2019	11,324**	375	3.3	34*	11	32.4	222**	31	14.0*	515	50	9.7*

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



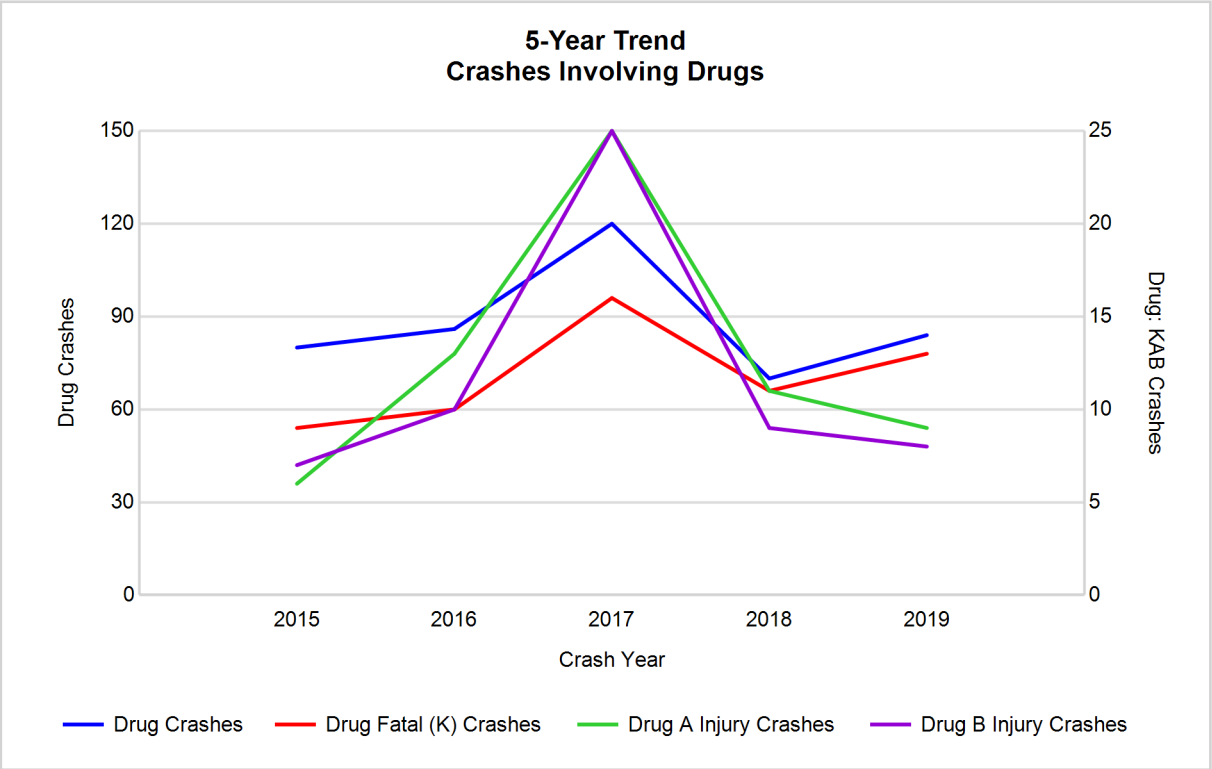
Note: Had-Been-Drinking (HBD)

MSP Post 51 - Paw Paw (continued)

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	10,625	80	0.8	40	9	22.5	140	6	4.3	452	7	1.5
2016	10,990	86	0.8	43	10	23.3	179	13	7.3	509	10	2.0
2017	10,923	120	1.1	44	16	36.4	206	25	12.1	529	25	4.7
2018	10,544	70	0.7	38	11	28.9	202	11	5.4	512	9	1.8
2019	11,324**	84	0.7	34*	13	38.2**	222**	9	4.1*	515	8	1.6

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

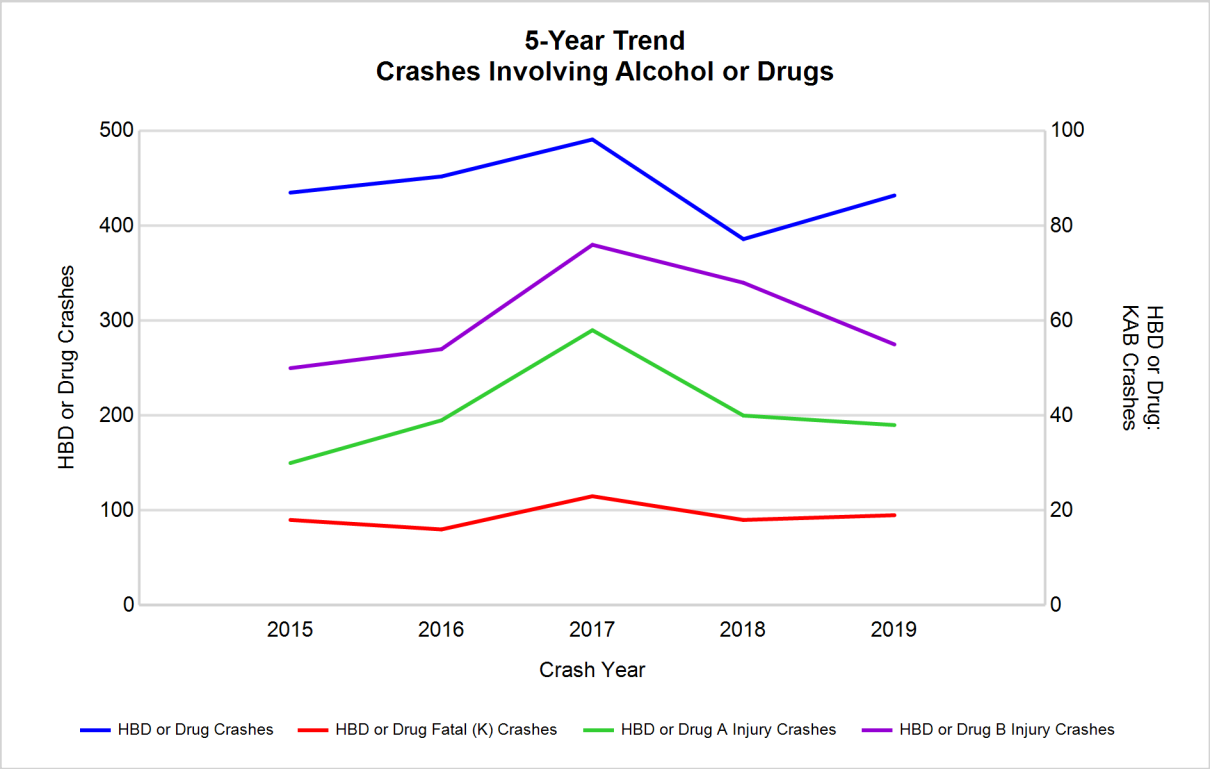


MSP Post 51 - Paw Paw (continued)

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	10,625	435	4.1	40	18	45.0	140	30	21.4	452	50	11.1
2016	10,990	452	4.1	43	16	37.2	179	39	21.8	509	54	10.6
2017	10,923	491	4.5	44	23	52.3	206	58	28.2	529	76	14.4
2018	10,544	386	3.7	38	18	47.4	202	40	19.8	512	68	13.3
2019	11,324**	432	3.8	34*	19	55.9**	222**	38	17.1*	515	55	10.7

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)

MSP Post 51 - Paw Paw (continued)

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	16,040	14,186	88.4	28	11	39.3	169	142	84.0	500	434	86.8	1,391	1,320	94.9	13,173	12,279	93.2
Motor home	25	21	84.0	0	0	0.0	1	1	100.0	2	2	100.0	0	0	0.0	21	18	85.7
Pickup truck	1,855	1,651	89.0	5	4	80.0	16	10	62.5	51	42	82.4	107	97	90.7	1,568	1,498	95.5
Small truck under 10,000 lbs. GVWR	109	91	83.5	0	0	0.0	1	1	100.0	3	2	66.7	6	6	100.0	86	82	95.3
Motorcycle	122	64	52.5	0	0	0.0	35	19	54.3	41	25	61.0	14	4	28.6	26	16	61.5
Moped / goped	18	3	16.7	1	0	0.0	5	1	20.0	5	1	20.0	4	1	25.0	3	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	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	6	2	33.3	0	0	0.0	2	1	50.0	1	0	0.0	2	0	0.0	1	1	100.0
Other	67	42	62.7	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	51	41	80.4
Truck/bus over 10,000 lbs.	774	707	91.3	0	0	0.0	3	3	100.0	6	6	100.0	28	25	89.3	717	673	93.9
Unknown	577	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	**19,593**	**16,767**	**85.6**	**34**	**15**	**44.1**	**232**	**178**	**76.7**	**609**	**512**	**84.1**	**1,553**	**1,454**	**93.6**	**15,646**	**14,608**	**93.4**

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	168	154	91.7	1	1	100.0	15	15	100.0	38	31	81.6	86	85	98.8	28	22	78.6
16 - 20	2,257	2,096	92.9	4	0	0.0	25	19	76.0	82	64	78.0	200	191	95.5	1,943	1,822	93.8
21 - 24	2,072	1,874	90.4	1	1	100.0	22	17	77.3	86	63	73.3	157	145	92.4	1,800	1,648	91.6
25 - 64	11,632	10,778	92.7	20	6	30.0	147	109	74.1	330	287	87.0	949	886	93.4	10,158	9,490	93.4
65 +	1,984	1,864	94.0	8	7	87.5	23	18	78.3	73	67	91.8	160	146	91.3	1,716	1,626	94.8
Unknown	1,480	1	0.1	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	1	0	0.0
Total	**19,593**	**16,767**	**85.6**	**34**	**15**	**44.1**	**232**	**178**	**76.7**	**609**	**512**	**84.1**	**1,553**	**1,454**	**93.6**	**15,646**	**14,608**	**93.4**

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.

MSP Post 51 - Paw Paw (continued)

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	73	1	10	47	0	6	21	0	4	26	0	2	27	0	10
Shoulder belt only used	97	0	6	115	0	12	129	0	22	91	0	8	110	1	14
Lap belt only used	101	0	9	76	0	14	62	1	9	62	0	9	42	0	8
Both lap & shoulder belts used	15,686	11	1,441	15,791	16	1,636	15,311	18	1,586	14,691	7	1,528	16,030	12	1,565
No belts used	96	10	28	101	7	31	102	3	38	87	8	42	86	9	31
Child restraint used	0	0	0	1	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
Restraint failure	6	0	1	5	0	0	7	0	2	6	0	0	10	0	1
Restraint use unknown	656	5	64	1,999	6	79	2,659	3	127	2,548	7	111	2,573	5	87
Helmet worn	80	3	63	61	4	38	80	3	52	66	0	51	60	0	43
Helmet not worn	58	3	39	69	1	47	46	3	37	44	2	37	58	1	48
Helmet use unknown	12	0	5	7	0	5	7	0	4	4	1	2	10	0	6
Uncoded & errors	1,235	0	2	322	0	0	3	0	1	0	0	0	0	0	0
Total	**18,100**	**33**	**1,668**	**18,594**	**34**	**1,868**	**18,427**	**31**	**1,882**	**17,625**	**25**	**1,790**	**19,006**	**28**	**1,813**

5-Year Trend - Restraint Use Among Drivers Coded Drinking

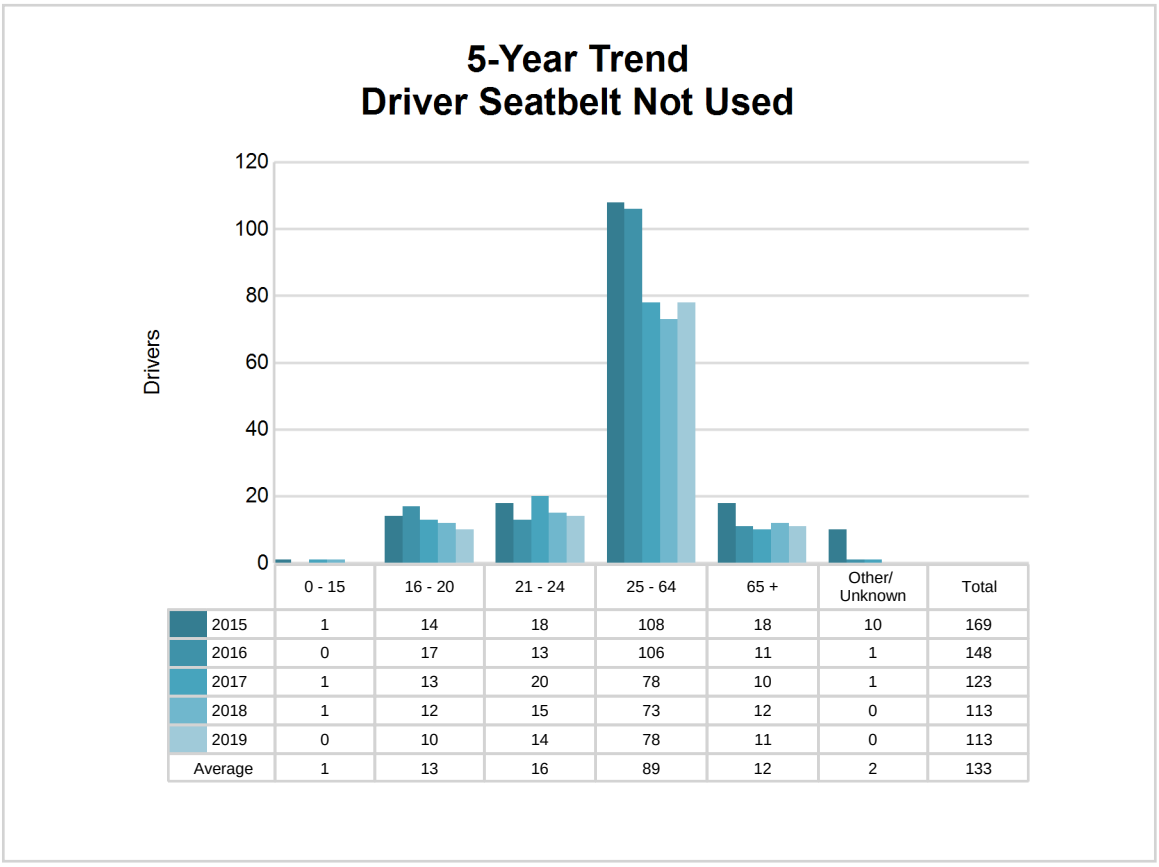
Restraint Use	2015			2016			2017			2018			2019		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	2	1	0	2	0	1	0	0	0	0	0	0	2	0	2
Shoulder belt only used	1	0	1	6	0	0	2	0	1	0	0	0	1	0	0
Lap belt only used	2	0	0	1	0	1	1	0	0	2	0	1	1	0	1
Both lap & shoulder belts used	268	3	55	293	1	76	256	4	70	220	1	77	250	3	64
No belts used	19	4	11	10	2	6	17	2	12	18	3	13	14	3	8
Child restraint used	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
Restraint failure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	75	0	17	71	2	14	125	2	31	85	1	27	89	2	23
Helmet worn	5	2	3	3	0	3	6	1	4	0	0	0	2	0	2
Helmet not worn	8	1	7	9	0	6	10	1	9	10	2	7	8	1	7
Helmet use unknown	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0
Uncoded & errors	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Total	**382**	**11**	**95**	**396**	**5**	**108**	**418**	**10**	**128**	**335**	**7**	**125**	**367**	**9**	**107**

MSP Post 51 - Paw Paw (continued)

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	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0
16 - 20	14	1	1	17	2	3	13	0	3	12	1	4	10	0	5
21 - 24	18	1	10	13	0	2	20	0	8	15	1	6	14	0	6
25 - 64	108	5	21	106	4	30	78	3	26	73	5	31	78	9	25
65 +	18	4	5	11	1	2	10	0	5	12	1	3	11	0	5
Unknown	10	0	1	1	0	0	1	0	0	0	0	0	0	0	0
Total	**169**	**11**	**38**	**148**	**7**	**37**	**123**	**3**	**42**	**113**	**8**	**44**	**113**	**9**	**41**

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



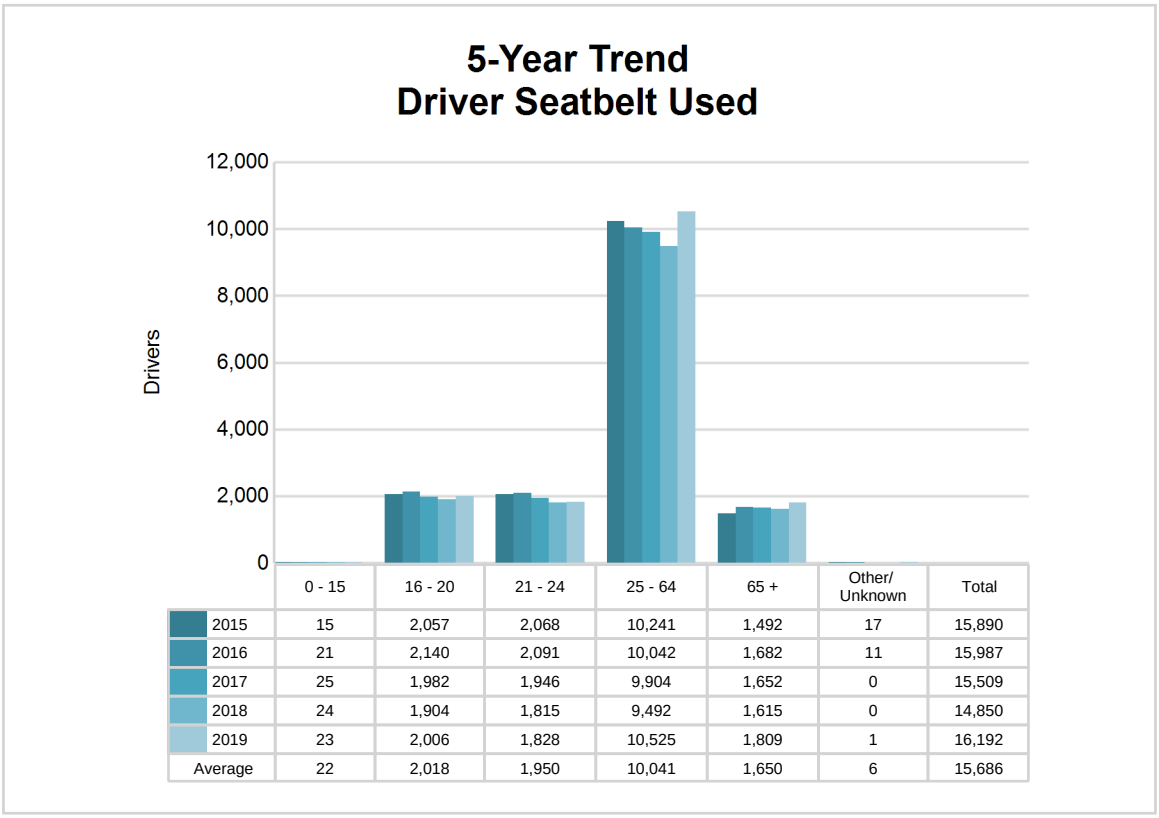
	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2015	1	14	18	108	18	10	169
2016	0	17	13	106	11	1	148
2017	1	13	20	78	10	1	123
2018	1	12	15	73	12	0	113
2019	0	10	14	78	11	0	113
Average	1	13	16	89	12	2	133

MSP Post 51 - Paw Paw (continued)

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	15	0	1	21	0	2	25	0	3	24	0	4	23	0	1
16 - 20	2,057	2	193	2,140	3	233	1,982	0	188	1,904	0	193	2,006	0	185
21 - 24	2,068	1	171	2,091	1	212	1,946	1	178	1,815	0	194	1,828	1	181
25 - 64	10,241	6	914	10,042	9	1,032	9,904	12	1,018	9,492	4	950	10,525	6	1,041
65 +	1,492	2	178	1,682	3	183	1,652	6	232	1,615	3	204	1,809	6	179
Unknown	17	0	0	11	0	0	0	0	0	0	0	0	1	0	1
Total	**15,890**	**11**	**1,457**	**15,987**	**16**	**1,662**	**15,509**	**19**	**1,619**	**14,850**	**7**	**1,545**	**16,192**	**13**	**1,588**

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



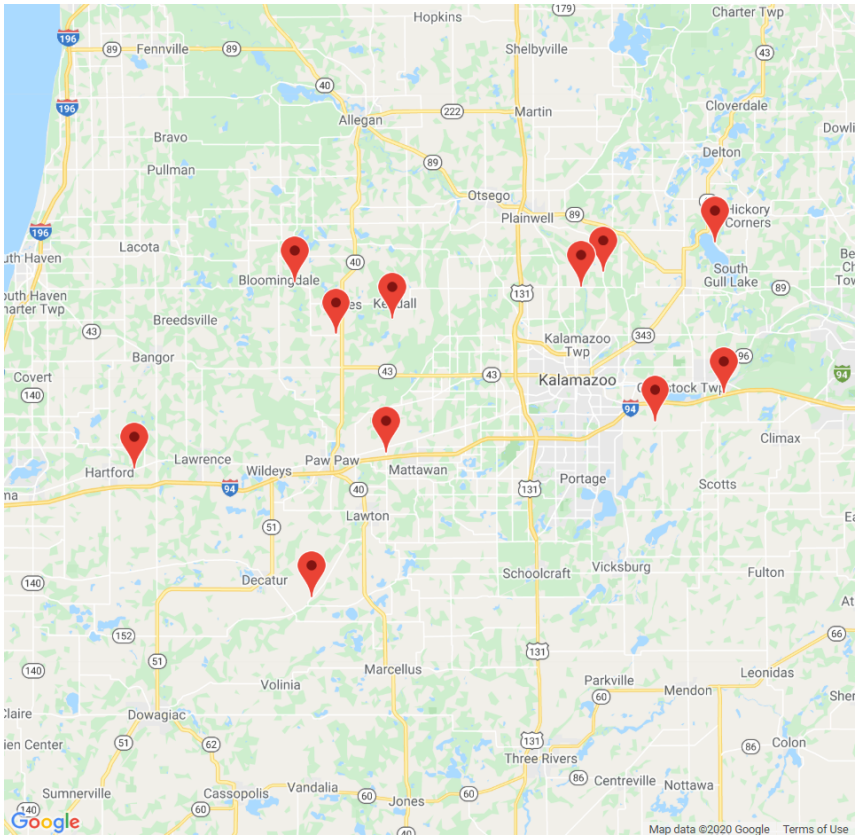
	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2015	15	2,057	2,068	10,241	1,492	17	15,890
2016	21	2,140	2,091	10,042	1,682	11	15,987
2017	25	1,982	1,946	9,904	1,652	0	15,509
2018	24	1,904	1,815	9,492	1,615	0	14,850
2019	23	2,006	1,828	10,525	1,809	1	16,192
Average	22	2,018	1,950	10,041	1,650	6	15,686

MSP Post 51 - Paw Paw (continued)

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	9,717	57	9,514	27	9,377	39	9,062	19	9,844	16
Speed too fast	1,428	27	1,502	12	1,344	5	1,217	8	1,408	5
Speed too slow	15	1	16	0	15	0	19	1	7	0
Failed to yield	1,484	3	1,533	3	1,529	3	1,461	5	1,541	2
Disregard traffic control	447	1	441	3	395	6	393	4	388	4
Drove wrong way	22	0	13	1	12	1	17	0	10	0
Drove left of center	85	0	92	3	86	3	92	1	88	4
Improper passing	75	0	99	1	87	0	96	1	93	0
Improper lane use	417	1	415	0	496	1	458	0	473	3
Improper turn	240	0	238	0	252	1	267	0	244	0
Improper/no signal	33	0	17	0	14	0	11	0	21	0
Improper backing	222	0	266	0	198	0	216	0	211	0
Unable to stop in assured clear distance	2,468	13	2,604	3	2,626	4	2,401	1	2,494	2
Other	701	1	683	3	697	3	629	4	746	1
Unknown	262	4	634	7	791	6	856	5	1,004	9
Reckless driving	82	2	101	4	89	2	80	4	77	0
Careless/negligent driving	399	9	422	2	416	5	347	3	357	3
Uncoded & errors	3	1	4	0	3	0	3	0	0	0
Total	**18,100**	**120**	**18,594**	**69**	**18,427**	**79**	**17,625**	**56**	**19,006**	**49**

MSP Post 51 - Paw Paw (continued)



The picture above represents all 2019 alcohol-involved fatal crashes in Post 51.

In 2019, there were 375 alcohol-involved crashes in Post 51:

11	K - Fatal Crashes
31	A - Suspected Serious Injury Crashes
50	B - Suspected Minor Injury Crashes
64	C - Possible Injury Crashes
219	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