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.

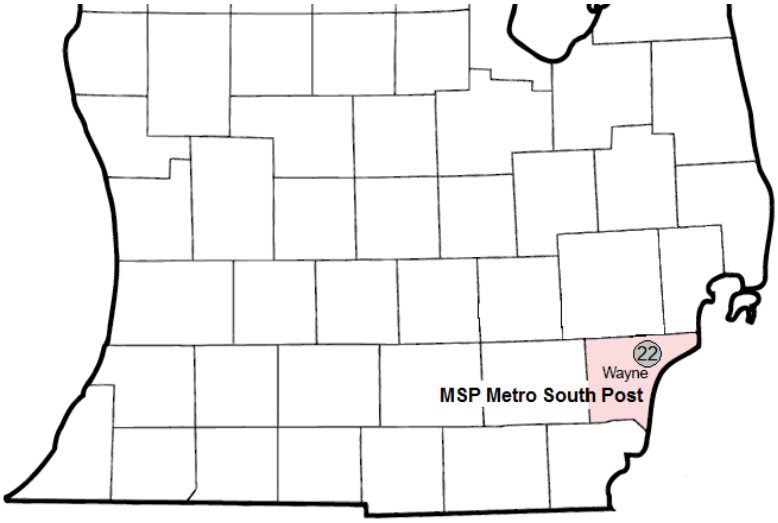
KABCO Injury Indicator:
K = Killed
A = Suspected Serious Injury
B = Suspected Minor Injury
C = Possible Injury
O = No Injury
Property Damage Only (PDO)

UMTRI
University of Michigan
Transportation Research Institute

Michigan State Police (MSP) Post 22 - Metro South

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

Post 22 is comprised of Wayne 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 22 - Metro South

- There were 53,035 crashes in Post 22 during 2019. [Page 1]
- A total of 166 fatalities resulted from 151 fatal crashes in 2019 in Post 22. [Page 1]
- There were 16,956 injuries and 12,019 injury crashes. [Page 1]
- There were 40,865 property damage only crashes (no fatalities or injuries). [Page 1]
- October had the highest number of crashes (4,980). [Pages 1-2]
- May had the highest number of fatal crashes (19) while May and June had the highest number of fatalities (21). [Pages 1-2]
- May had the highest number of injury crashes (1,145) and injuries (1,690). [Page 1]
- October had the highest number of property damage only crashes (3,872). [Page 1]
- Of all vehicles involved in fatal crashes, 27 (10.9%) were motorcycles. [Page 1]
- Friday was the day of the week with the highest number of crashes (8,265) and Saturday had the highest number of fatal crashes (34). [Pages 2-3]
- The 3:00 PM - 5:59 PM time period had the highest number of crashes (13,136). This holds true for every year between 2015 and 2019. The Midnight - 2:59 AM time period had the highest number of fatal crashes (32). [Pages 5-6]
- During the period from 2015 to 2019, the highest number of deer crashes occurred in 2019 (513). The 6:00 PM - 8:59 PM time period consistently had the highest number of deer-involved crashes during the five-year period. There were 0 fatal crashes involving deer in 2019. [Pages 7-8]
- Wayne County (100.0%) had the highest number of crashes in Post 22 in 2019. [Page 8]
- Wayne County (100.0%) had the highest number of fatalities in Post 22 in 2019. [Page 8]
- The highest number of drivers in crashes (107,402) occurred during 2017 and the highest number of drivers coded drinking in crashes (1,464) occurred during 2019 within the five year period between 2015 and 2019. [Page 9]
- A total of 1,484 crashes involved alcohol in 2019. [Page 11]
- Alcohol-involved fatal crashes were the highest in 2016 and 2018 during the five-year period from 2015 to 2019 at 58. [Page 11]
- A total of 402 crashes, 46 fatal crashes, and 44 suspected serious injury crashes involved drugs in 2019. [Page 12]
- There were 72,029 drivers wearing seatbelts and 711 drivers not wearing seatbelts in crashes in 2019. Of the 711 drivers not wearing seat belts, 21 (3.0%) were killed and 245 (34.5%) 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 (13,857), while the most common hazardous action coded for drivers in fatal crashes was speed too fast (35). [Page 18]

MSP Post 22 - Metro South (continued)

Post 22 Experience

In 2019:

There were 103,228 drivers involved in 53,035 motor vehicle crashes in MSP Post 22. Of those crashes, 151 were classified as fatal, resulting in 166 fatalities. An additional 16,956 persons were injured.

Post 22 experienced the highest number of motor vehicle crashes (4,980) in October, the highest number of fatal crashes (19) in May and the highest number of persons killed (21) in May and June.

Michigan driver statistics indicate 6.1 percent of licensed drivers in Post 22 were age 16-20, and 7.6 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	4,706	13	942	3,751	16	1,290
February	4,137	5	795	3,337	5	1,078
March	4,145	17	942	3,186	17	1,282
April	4,002	12	941	3,049	13	1,316
May	4,652	19	1,145	3,488	21	1,690
June	4,577	18	1,120	3,439	21	1,609
July	4,182	11	1,003	3,168	12	1,491
August	4,291	10	1,053	3,228	13	1,479
September	4,467	12	1,090	3,365	12	1,493
October	4,980	17	1,091	3,872	19	1,563
November	4,660	8	966	3,686	8	1,322
December	4,236	9	931	3,296	9	1,343
Total	**53,035**	**151**	**12,019**	**40,865**	**166**	**16,956**

2019 - Driver Statistics

Age Group	Post 22			Driver Rates	
	2019 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	365,688	5,664	110	3.0	194.2
16 - 20	106,588	67,824	7,835	735.1	1,155.2
21 - 24	89,018	72,496	8,509	955.9	1,173.7
25 - 64	911,519	750,865	59,554	653.3	793.1
65 +	276,530	217,356	8,540	308.8	392.9
Unknown	0	0	18,680	- -	- -
Total	**1,749,343**	**1,114,205**	**103,228**	**590.1**	**926.5**

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	86,215	83.5	182	73.4	20,284	65,749
Motor home	269	0.3	0	0.0	45	224
Pickup truck	6,459	6.3	8	3.2	1,295	5,156
Small truck under 10,000 lbs. GVWR	491	0.5	0	0.0	82	409
Motorcycle	494	0.5	27	10.9	339	128
Moped / goped	89	0.1	5	2.0	60	24
Go-cart / golf cart	5	0.0	0	0.0	1	4
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	28	0.0	1	0.4	18	9
Other	481	0.5	1	0.4	69	411
Truck/bus over 10,000 lbs.	3,533	3.4	16	6.5	632	2,885
Unknown	5,164	5.0	8	3.2	769	4,387
Total	**103,228**	**100.0**	**248**	**100.0**	**23,594**	**79,386**

MSP Post 22 - Metro South (continued)

5-Year Trend - Crashes by Month

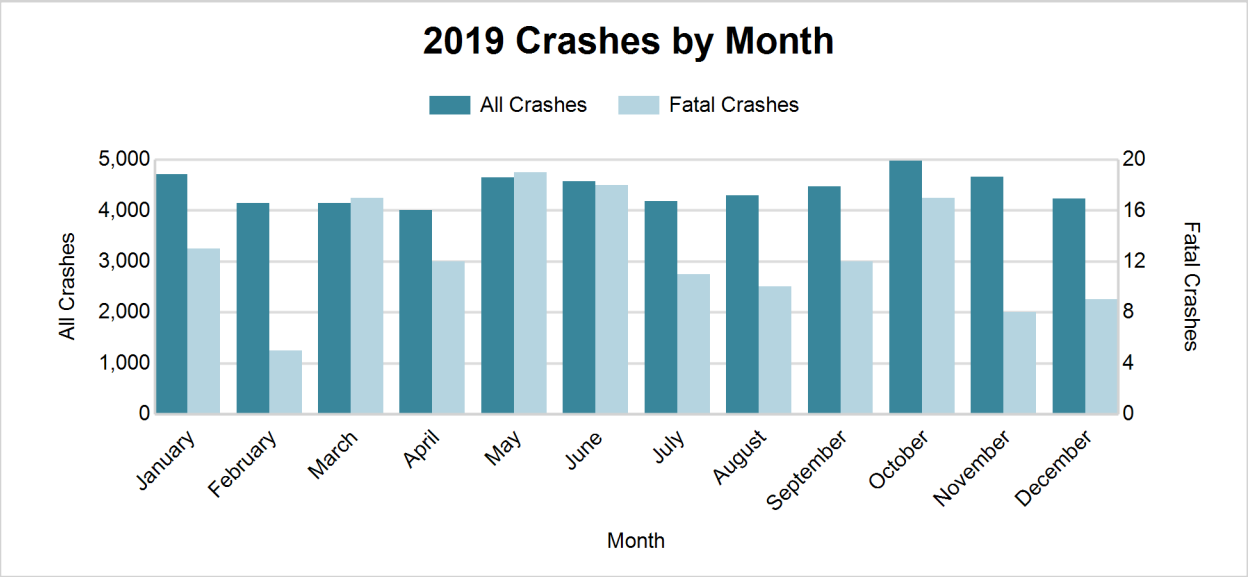
Month	2015		2016		2017		2018		2019	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	4,955	12	4,161	11	4,161	15	5,041	3	4,706	13
February	4,624	6	4,169	15	3,793	12	4,654	9	4,137	5
March	3,986	9	4,482	7	5,085	11	4,111	4	4,145	17
April	3,590	16	4,211	18	4,081	13	3,988	11	4,002	12
May	4,226	8	4,560	14	4,911	16	4,911	15	4,652	19
June	4,214	22	4,330	21	4,784	17	4,635	21	4,577	18
July	3,899	18	4,415	10	4,162	8	4,175	16	4,182	11
August	3,960	27	4,272	23	4,317	11	4,283	20	4,291	10
September	4,269	11	4,523	17	4,499	11	4,460	20	4,467	12
October	4,222	10	4,502	15	4,894	8	5,059	9	4,980	17
November	4,383	24	4,437	20	4,595	8	4,411	12	4,660	8
December	4,130	11	5,102	12	5,638	15	4,344	13	4,236	9
Total	**50,458**	**174**	**53,164**	**183**	**54,920**	**145**	**54,072**	**153**	**53,035**	**151**

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	7,237	20	7,425	14	8,258	20	8,343	24	7,942	20
Tuesday	7,497	22	7,797	23	8,248	23	8,166	22	7,921	18
Wednesday	7,744	20	8,094	17	8,502	11	8,028	14	8,099	14
Thursday	7,531	21	8,403	25	8,444	18	8,084	21	7,894	25
Friday	8,024 †	25	8,645 †	27	8,922 †	23	8,691 †	22	8,265 †	17
Saturday	6,858	39	7,037	39	6,804	30	7,017	27	6,976	34
Sunday	5,567	27	5,763	38	5,742	20	5,743	23	5,938	23
Total	**50,458**	**174**	**53,164**	**183**	**54,920**	**145**	**54,072**	**153**	**53,035**	**151**

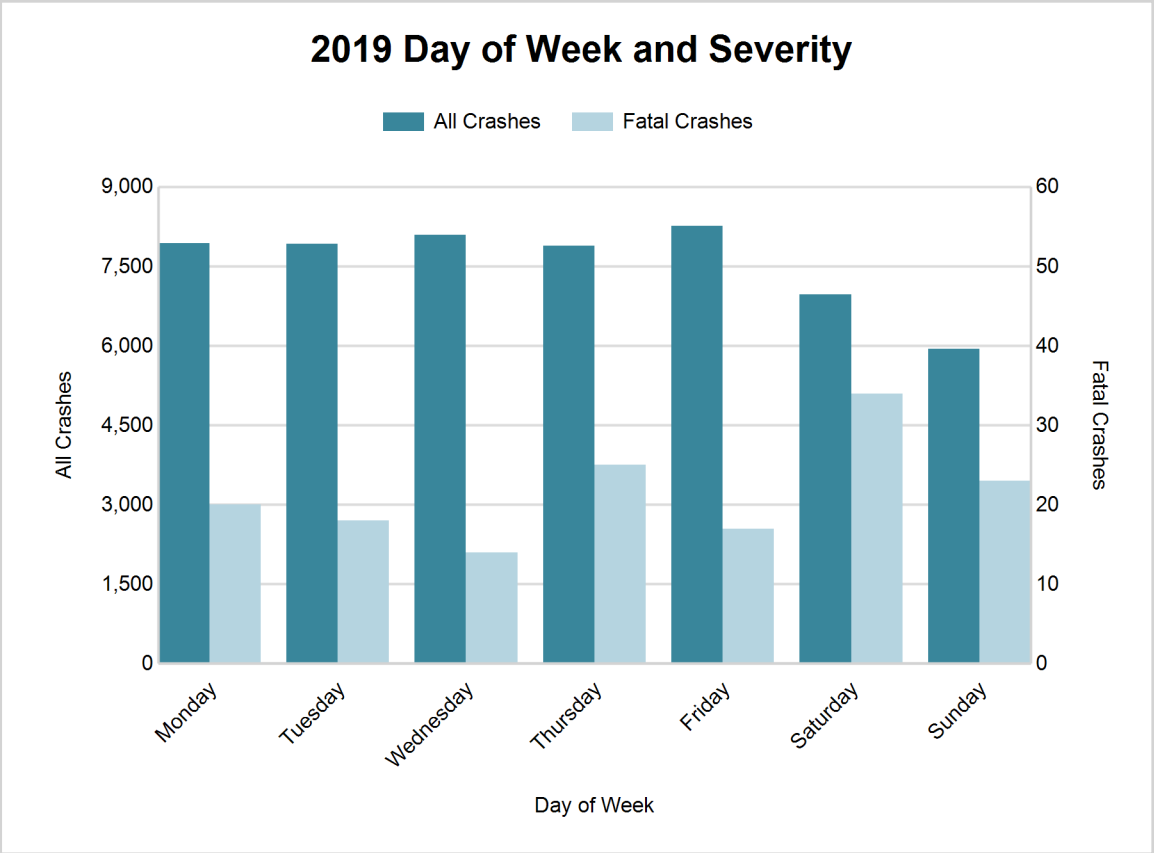
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred on the same day of the week



MSP Post 22 - Metro South (continued)

2019 - Crashes by Day of Week

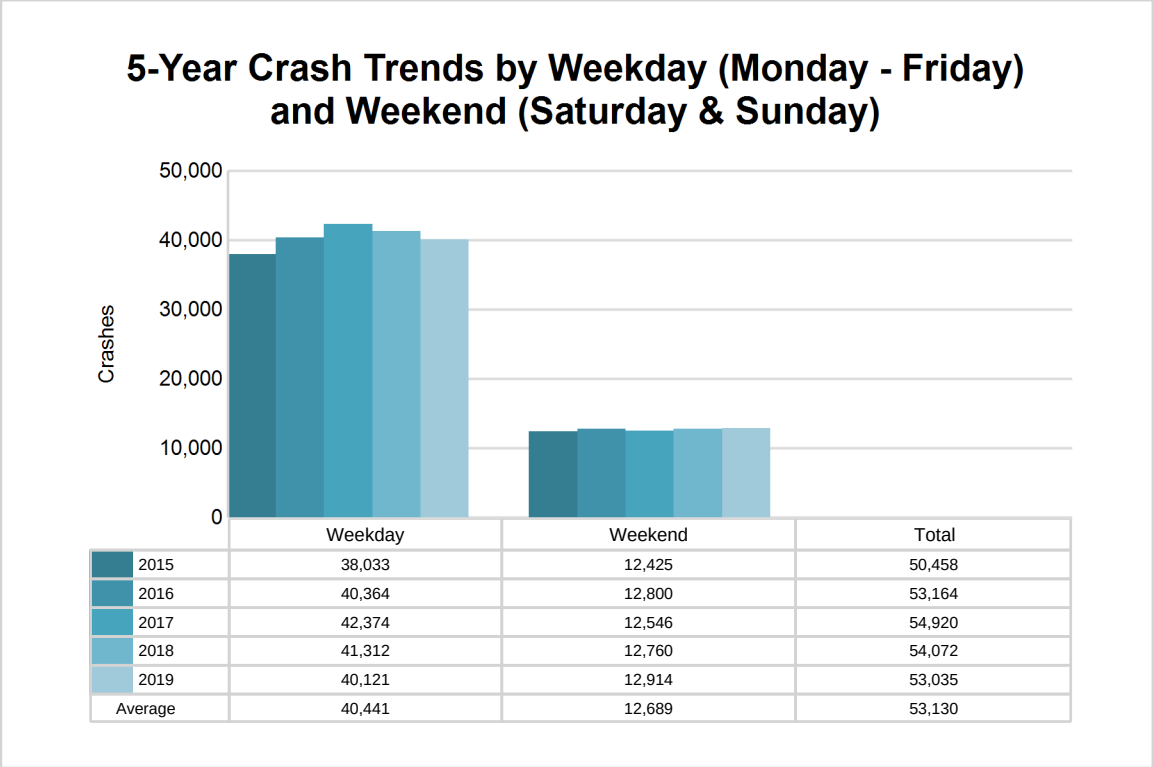
Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	7,942	15.0	20	13.2	107	428	1,197	6,190
Tuesday	7,921	14.9	18	11.9	111	421	1,279	6,092
Wednesday	8,099	15.3	14	9.3	98	462	1,206	6,319
Thursday	7,894	14.9	25	16.6	121	439	1,204	6,105
Friday	8,265	15.6	17	11.3	112	477	1,220	6,439
Saturday	6,976	13.2	34	22.5	139	461	1,082	5,260
Sunday	5,938	11.2	23	15.2	127	386	942	4,460
Total	**53,035**	**100.0**	**151**	**100.0**	**815**	**3,074**	**8,130**	**40,865**



MSP Post 22 - Metro South (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	38,033	108	40,364	106	42,374	95	41,312	103	40,121	94
Weekend	12,425	66	12,800	77	12,546	50	12,760	50	12,914	57
Total	**50,458**	**174**	**53,164**	**183**	**54,920**	**145**	**54,072**	**153**	**53,035**	**151**

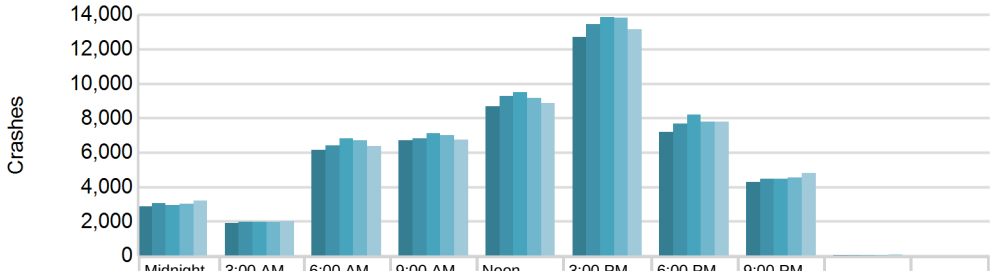


MSP Post 22 - Metro South (continued)

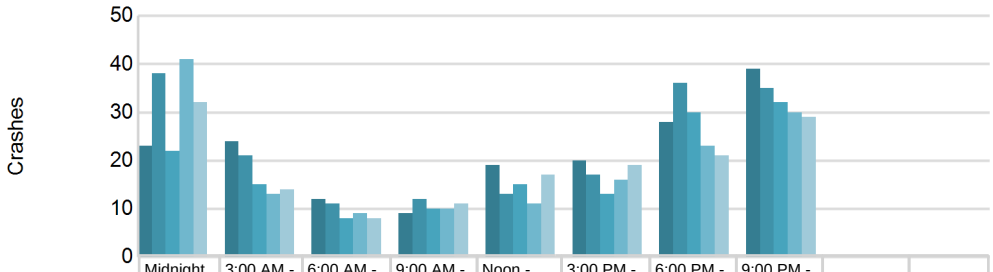
5-Year Trend - Crashes by Time of Day

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	2,855	23	3,045	38	2,936	22	3,010	41	3,218	32
3:00 AM - 5:59 AM	1,885	24	1,965	21	1,959	15	1,973	13	2,009	14
6:00 AM - 8:59 AM	6,138	12	6,414	11	6,833	8	6,700	9	6,377	8
9:00 AM - 11:59 AM	6,710	9	6,835	12	7,134	10	6,998	10	6,751	11
Noon - 2:59 PM	8,686	19	9,290	13	9,504	15	9,169	11	8,873	17
3:00 PM - 5:59 PM	12,698 †	20	13,439 †	17	13,859 †	13	13,839 †	16	13,136 †	19
6:00 PM - 8:59 PM	7,186	28	7,690	36	8,181	30	7,802	23	7,787	21
9:00 PM - 11:59 PM	4,281	39	4,453	35	4,477	32	4,537	30	4,821	29
Unknown	19	0	33	0	37	0	44	0	63	0
Total	**50,458**	**174**	**53,164**	**183**	**54,920**	**145**	**54,072**	**153**	**53,035**	**151**

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	2,855	1,885	6,138	6,710	8,686	12,698	7,186	4,281	19	50,458
2016	3,045	1,965	6,414	6,835	9,290	13,439	7,690	4,453	33	53,164
2017	2,936	1,959	6,833	7,134	9,504	13,859	8,181	4,477	37	54,920
2018	3,010	1,973	6,700	6,998	9,169	13,839	7,802	4,537	44	54,072
2019	3,218	2,009	6,377	6,751	8,873	13,136	7,787	4,821	63	53,035
Average	3,013	1,958	6,492	6,886	9,104	13,394	7,729	4,514	39	53,130

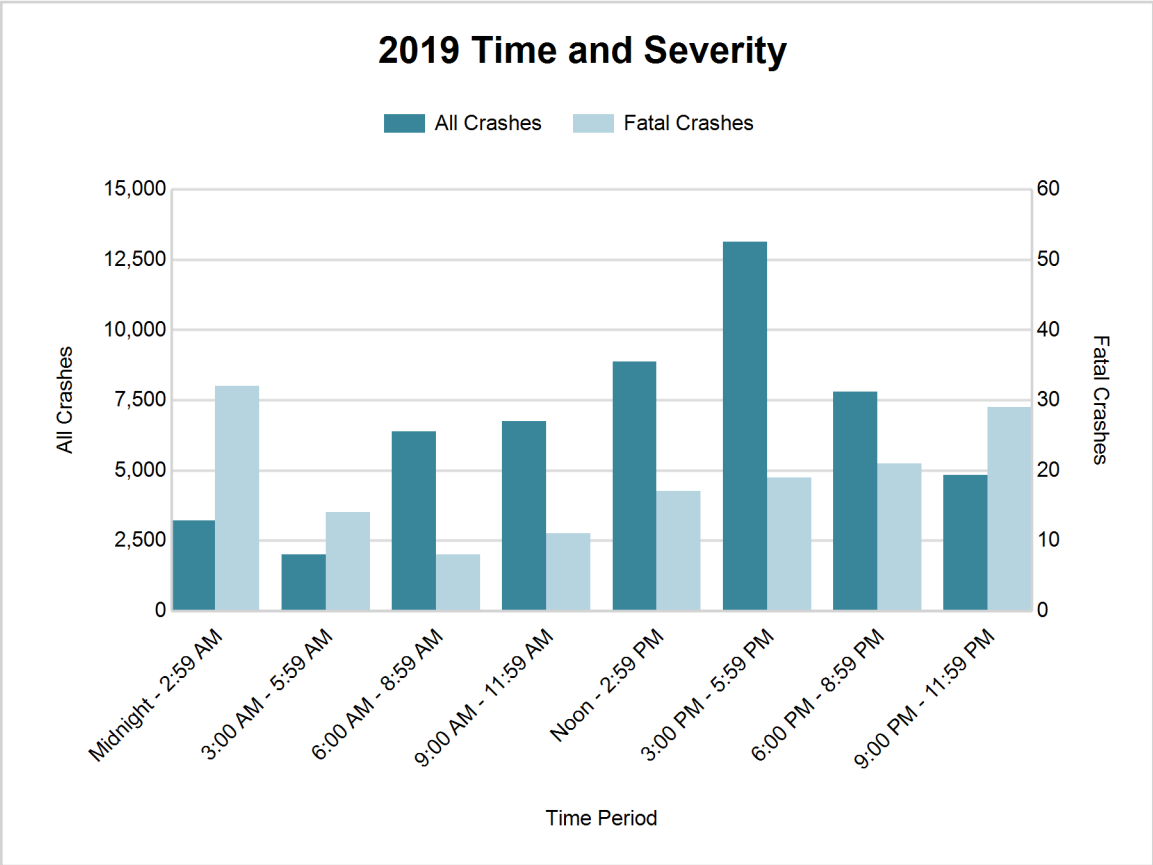


	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2015	23	24	12	9	19	20	28	39	0	174
2016	38	21	11	12	13	17	36	35	0	183
2017	22	15	8	10	15	13	30	32	0	145
2018	41	13	9	10	11	16	23	30	0	153
2019	32	14	8	11	17	19	21	29	0	151
Average	31	17	10	10	15	17	28	33	0	161

MSP Post 22 - Metro South (continued)

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	3,218	6.1	32	21.2	110	251	559	2,266
3:00 AM - 5:59 AM	2,009	3.8	14	9.3	52	129	302	1,512
6:00 AM - 8:59 AM	6,377	12.0	8	5.3	78	325	851	5,115
9:00 AM - 11:59 AM	6,751	12.7	11	7.3	54	354	1,027	5,305
Noon - 2:59 PM	8,873	16.7	17	11.3	106	477	1,339	6,934
3:00 PM - 5:59 PM	13,136	24.8	19	12.6	149	668	2,028	10,272
6:00 PM - 8:59 PM	7,787	14.7	21	13.9	130	495	1,217	5,924
9:00 PM - 11:59 PM	4,821	9.1	29	19.2	135	371	801	3,485
Unknown	63	0.1	0	0.0	1	4	6	52
Total	**53,035**	**100.0**	**151**	**100.0**	**815**	**3,074**	**8,130**	**40,865**

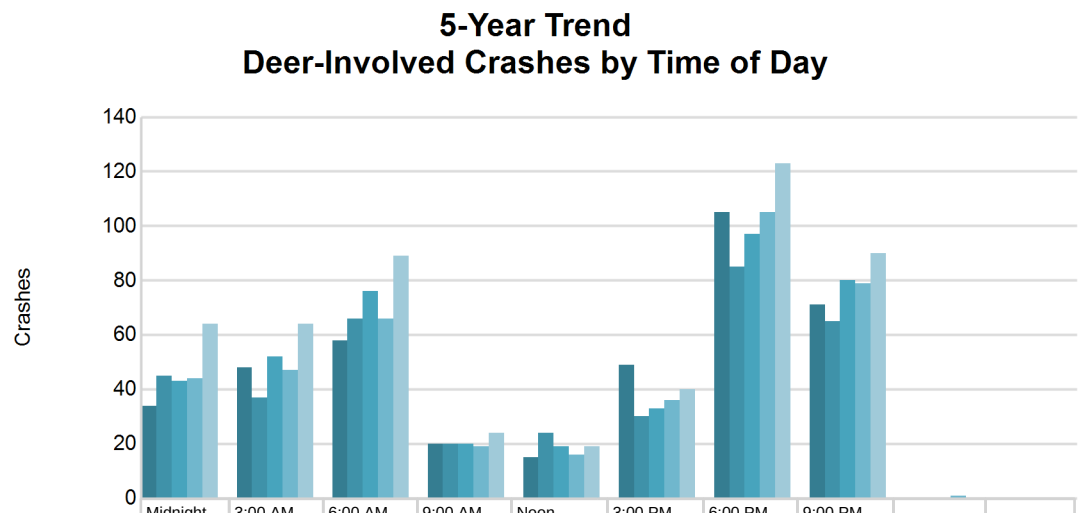


MSP Post 22 - Metro South (continued)

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

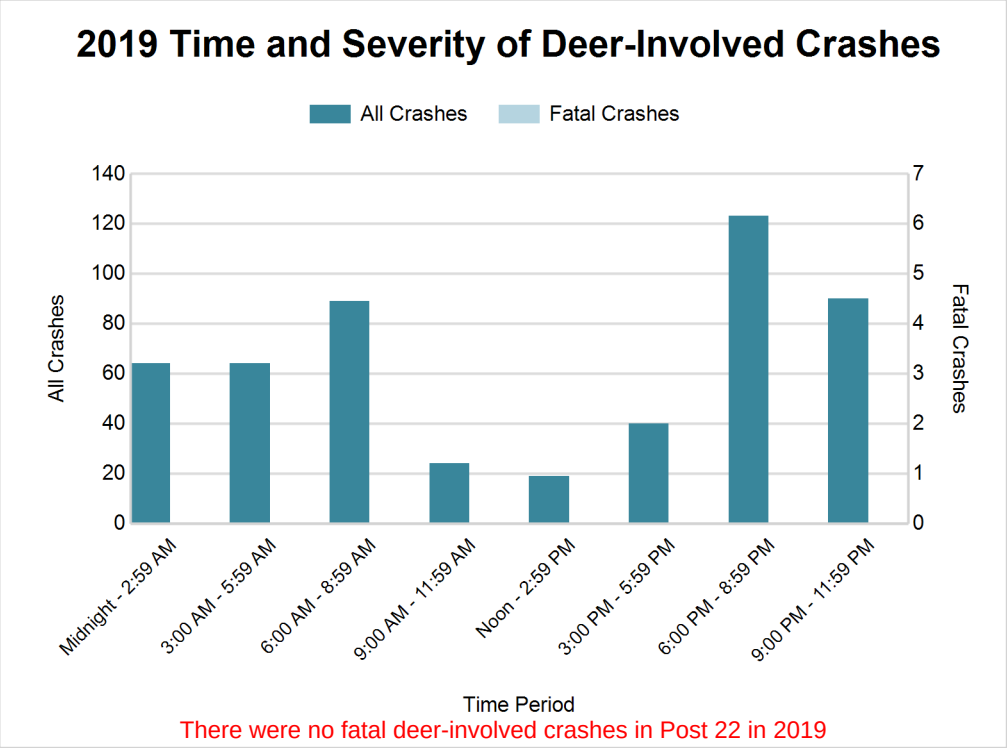
Time of Day	2015		2016		2017		2018		2019	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	34	0	45	0	43	0	44	0	64	0
3:00 AM - 5:59 AM	48	0	37	0	52	0	47	0	64	0
6:00 AM - 8:59 AM	58	0	66	0	76	0	66	0	89	0
9:00 AM - 11:59 AM	20	0	20	0	20	0	19	0	24	0
Noon - 2:59 PM	15	0	24	0	19	0	16	0	19	0
3:00 PM - 5:59 PM	49	0	30	0	33	0	36	0	40	0
6:00 PM - 8:59 PM	105 †	0	85 †	0	97 †	0	105 †	0	123 †	0
9:00 PM - 11:59 PM	71	0	65	0	80	0	79	0	90	0
Unknown	0	0	0	0	0	0	1	0	0	0
Total	**400**	**0**	**372**	**0**	**420**	**0**	**413**	**0**	**513**	**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	34	48	58	20	15	49	105	71	0	400
2016	45	37	66	20	24	30	85	65	0	372
2017	43	52	76	20	19	33	97	80	0	420
2018	44	47	66	19	16	36	105	79	1	413
2019	64	64	89	24	19	40	123	90	0	513
Average	46	50	71	21	19	38	103	77	0	424

MSP Post 22 - Metro South (continued)



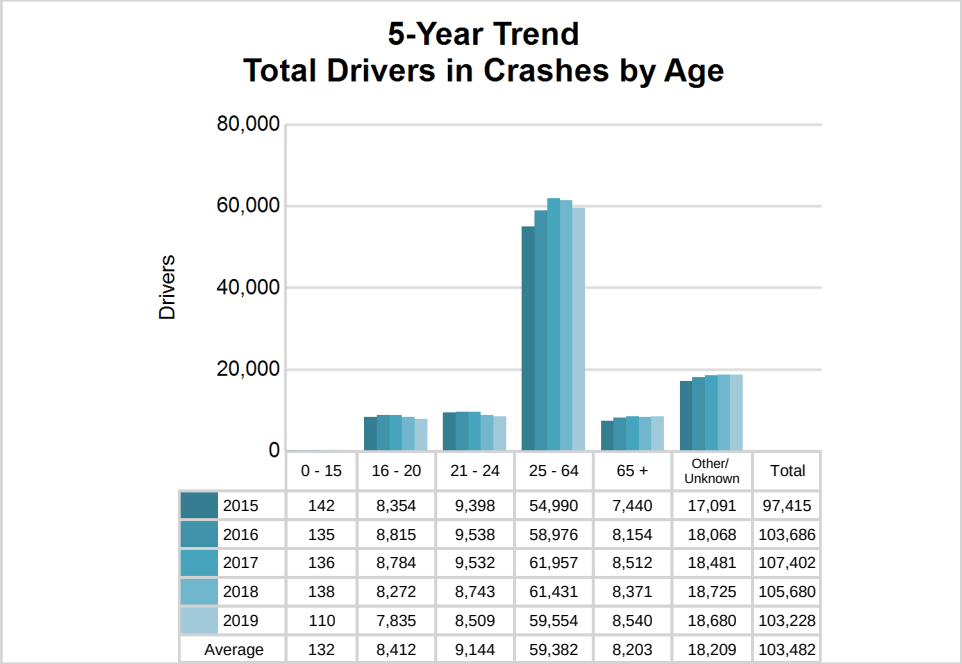
2019 - Reported Motor Vehicle Crashes by County

County	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Wayne	53,035	151	12,019	40,865	8,552	3,367	9,706	31,317	1,484	402	513	166	16,956
Total	**53,035**	**151**	**12,019**	**40,865**	**8,552**	**3,367**	**9,706**	**31,317**	**1,484**	**402**	**513**	**166**	**16,956**

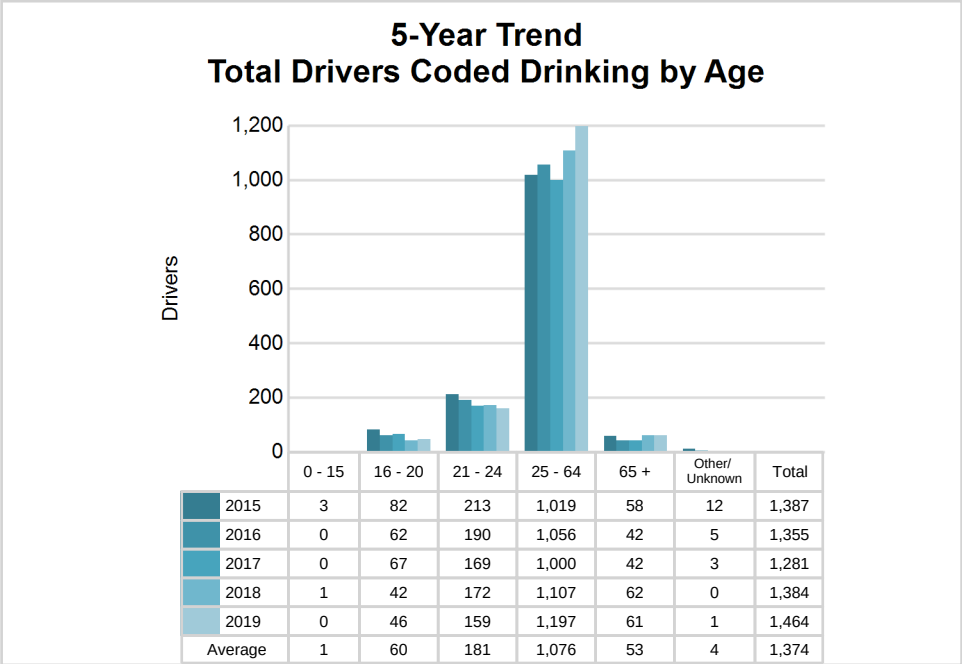
MSP Post 22 - Metro South (continued)

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	142	3	135	0	136	0	138	1	110	0
16 - 20	8,354	82	8,815	62	8,784	67	8,272	42	7,835	46
21 - 24	9,398	213	9,538	190	9,532	169	8,743	172	8,509	159
25 - 64	54,990	1,019	58,976	1,056	61,957	1,000	61,431	1,107	59,554	1,197
65 +	7,440	58	8,154	42	8,512	42	8,371	62	8,540	61
Unknown	17,091	12	18,068	5	18,481	3	18,725	0	18,680	1
Total	**97,415**	**1,387**	**103,686**	**1,355**	**107,402**	**1,281**	**105,680**	**1,384**	**103,228**	**1,464**



	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2015	142	8,354	9,398	54,990	7,440	17,091	97,415
2016	135	8,815	9,538	58,976	8,154	18,068	103,686
2017	136	8,784	9,532	61,957	8,512	18,481	107,402
2018	138	8,272	8,743	61,431	8,371	18,725	105,680
2019	110	7,835	8,509	59,554	8,540	18,680	103,228
Average	132	8,412	9,144	59,382	8,203	18,209	103,482

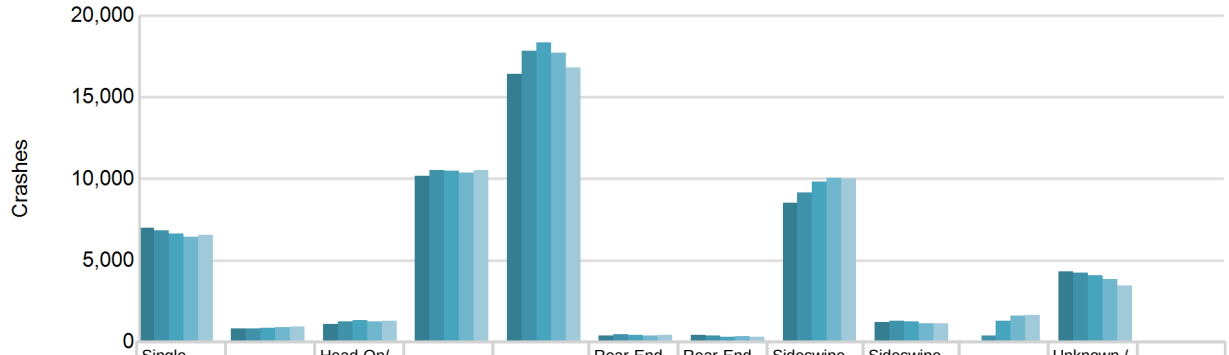


	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2015	3	82	213	1,019	58	12	1,387
2016	0	62	190	1,056	42	5	1,355
2017	0	67	169	1,000	42	3	1,281
2018	1	42	172	1,107	62	0	1,384
2019	0	46	159	1,197	61	1	1,464
Average	1	60	181	1,076	53	4	1,374

MSP Post 22 - Metro South (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	6,980	85	6,845	99	6,645	65	6,420	82	6,539	69
Head-on	835	6	808	13	878	15	914	7	924	10
Head-on / left turn	1,110	8	1,235	7	1,351	4	1,268	3	1,283	5
Angle	10,190	27	10,532	28	10,481	28	10,363	24	10,544	38
Rear-end	16,434	15	17,825	20	18,349	13	17,705	11	16,792	11
Rear-end left turn	407	0	458	1	442	0	384	0	427	0
Rear-end right turn	436	0	392	0	315	0	340	0	296	0
Sideswipe same direction	8,540	9	9,142	5	9,822	7	10,069	6	10,003	5
Sideswipe opposite direction	1,211	2	1,287	5	1,259	2	1,149	1	1,130	0
Backing	0	0	399	0	1,276	0	1,607	0	1,633	0
Other / Unknown	4,315	22	4,233	5	4,102	11	3,853	19	3,464	13
Uncoded and Errors	0	0	8	0	0	0	0	0	0	0
Total	**50,458**	**174**	**53,164**	**183**	**54,920**	**145**	**54,072**	**153**	**53,035**	**151**



	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	6,980	835	1,110	10,190	16,434	407	436	8,540	1,211	0	4,315	50,458
2016	6,845	808	1,235	10,532	17,825	458	392	9,142	1,287	399	4,233	53,156
2017	6,645	878	1,351	10,481	18,349	442	315	9,822	1,259	1,276	4,102	54,920
2018	6,420	914	1,268	10,363	17,705	384	340	10,069	1,149	1,607	3,853	54,072
2019	6,539	924	1,283	10,544	16,792	427	296	10,003	1,130	1,633	3,464	53,035
Average	6,686	872	1,249	10,422	17,421	424	356	9,515	1,207	983	3,993	53,128

MSP Post 22 - Metro South (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	2	2	0	0	0	0	0	0	0
16 - 20	109	58	41	46	0	6	15	10	15
21 - 24	232	165	143	159	0	10	41	58	50
25 - 64	1,810	1,168	1,018	1,197	0	59	298	436	404
65 +	114	64	52	61	0	8	12	16	25
Unknown	419	3	0	1	0	0	0	0	1
Total	**2,686**	**1,460**	**1,254**	**1,464**	**0**	**83**	**366**	**520**	**495**

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

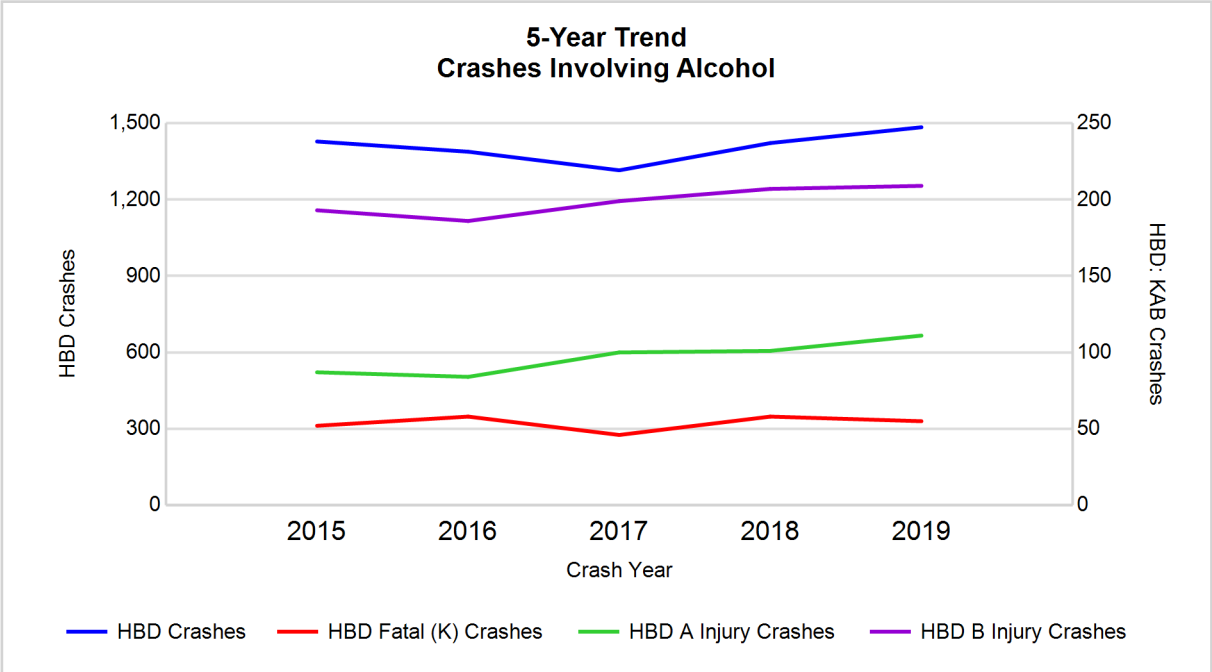
In 2019, there were 2,686 drivers in alcohol-involved crashes; 1,464 (54.5%) of those drivers were coded as had-been-drinking by the officer on the crash form.

- 886 (60.5%) of the 1,464 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 520 (58.7%) of the 886 drivers had a BAC at or above 0.17 g/dL.
- 1,254 (85.7%) of the 1,464 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	50,458	1,428	2.8	174	52	29.9	664	87	13.1	2,459	193	7.8
2016	53,164	1,388	2.6	183	58	31.7	730	84	11.5	2,772	186	6.7
2017	54,920	1,315	2.4	145	46	31.7	852	100	11.7	3,030	199	6.6
2018	54,072	1,422	2.6	153	58	37.9	781	101	12.9	2,969	207	7.0
2019	53,035	1,484**	2.8	151	55	36.4	815	111**	13.6**	3,074**	209**	6.8

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



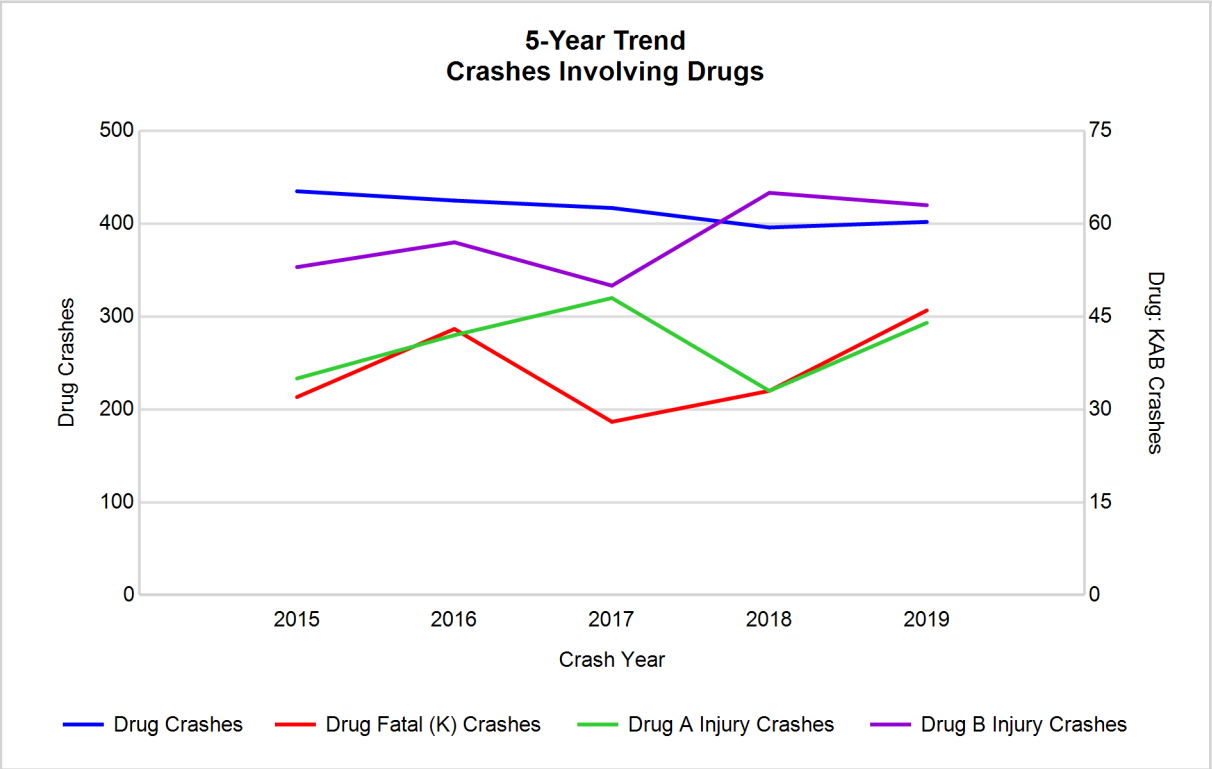
Note: Had-Been-Drinking (HBD)

MSP Post 22 - Metro South (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	50,458	435	0.9	174	32	18.4	664	35	5.3	2,459	53	2.2
2016	53,164	425	0.8	183	43	23.5	730	42	5.8	2,772	57	2.1
2017	54,920	417	0.8	145	28	19.3	852	48	5.6	3,030	50	1.7
2018	54,072	396	0.7	153	33	21.6	781	33	4.2	2,969	65	2.2
2019	53,035	402	0.8	151	46**	30.5**	815	44	5.4	3,074**	63	2.0

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

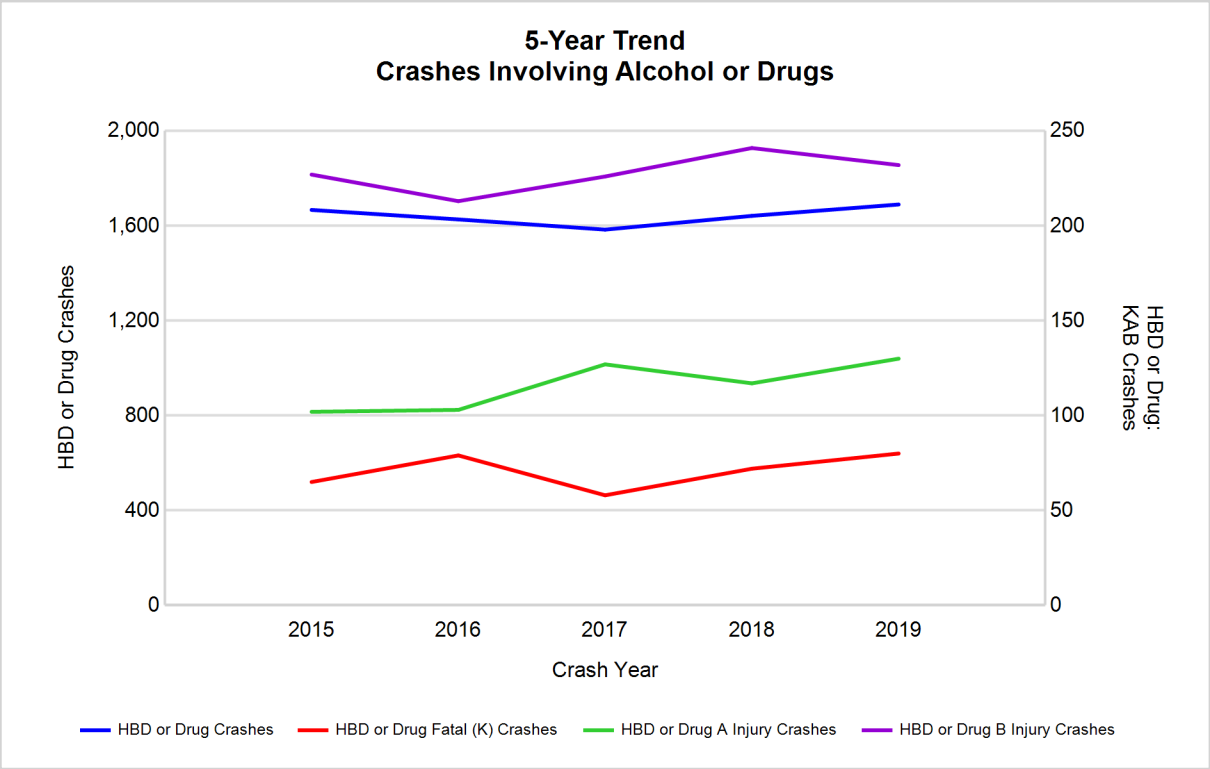


MSP Post 22 - Metro South (continued)

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	50,458	1,667	3.3	174	65	37.4	664	102	15.4	2,459	227	9.2
2016	53,164	1,627	3.1	183	79	43.2	730	103	14.1	2,772	213	7.7
2017	54,920	1,584	2.9	145	58	40.0	852	127	14.9	3,030	226	7.5
2018	54,072	1,642	3.0	153	72	47.1	781	117	15.0	2,969	241	8.1
2019	53,035	1,690**	3.2	151	80**	53.0**	815	130**	16.0**	3,074**	232	7.5

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



Note: Had-Been-Drinking (HBD)

MSP Post 22 - Metro South (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	90,399	66,340	73.4	92	20	21.7	647	366	56.6	3,094	2,466	79.7	10,905	9,000	82.5	62,915	54,487	86.6
Motor home	279	207	74.2	0	0	0.0	0	0	0.0	7	7	100.0	21	19	90.5	224	181	80.8
Pickup truck	6,619	5,158	77.9	1	1	100.0	20	12	60.0	163	138	84.7	472	406	86.0	5,049	4,601	91.1
Small truck under 10,000 lbs. GVWR	500	343	68.6	0	0	0.0	0	0	0.0	3	1	33.3	25	19	76.0	384	323	84.1
Motorcycle	523	275	52.6	27	15	55.6	102	44	43.1	151	86	57.0	101	64	63.4	113	66	58.4
Moped / goped	92	19	20.7	5	1	20.0	15	2	13.3	24	7	29.2	19	4	21.1	18	5	27.8
Go-cart / golf cart	5	1	20.0	0	0	0.0	1	1	100.0	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	28	2	7.1	1	0	0.0	5	0	0.0	5	1	20.0	6	1	16.7	9	0	0.0
Other	486	217	44.7	0	0	0.0	7	1	14.3	6	0	0.0	22	14	63.6	307	202	65.8
Truck/bus over 10,000 lbs.	3,671	2,983	81.3	2	1	50.0	10	5	50.0	49	31	63.3	223	107	48.0	3,177	2,839	89.4
Unknown	5,167	2	0.0	0	0	0.0	0	0	0.0	1	0	0.0	2	2	100.0	46	0	0.0
Total	**107,769**	**75,547**	**70.1**	**128**	**38**	**29.7**	**807**	**431**	**53.4**	**3,503**	**2,737**	**78.1**	**11,796**	**9,636**	**81.7**	**72,243**	**62,704**	**86.8**

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.

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	1,148	906	78.9	6	0	0.0	28	9	32.1	175	128	73.1	844	692	82.0	92	77	83.7
16 - 20	8,447	7,262	86.0	10	2	20.0	71	27	38.0	374	277	74.1	1,158	931	80.4	6,761	6,025	89.1
21 - 24	8,983	7,486	83.3	10	1	10.0	101	50	49.5	426	306	71.8	1,248	987	79.1	7,075	6,142	86.8
25 - 64	61,653	52,100	84.5	92	30	32.6	535	292	54.6	2,173	1,710	78.7	7,499	6,119	81.6	50,380	43,948	87.2
65 +	8,855	7,786	87.9	10	5	50.0	71	53	74.6	355	316	89.0	1,026	906	88.3	7,298	6,506	89.1
Unknown	18,683	7	0.0	0	0	0.0	1	0	0.0	0	0	0.0	21	1	4.8	637	6	0.9
Total	**107,769**	**75,547**	**70.1**	**128**	**38**	**29.7**	**807**	**431**	**53.4**	**3,503**	**2,737**	**78.1**	**11,796**	**9,636**	**81.7**	**72,243**	**62,704**	**86.8**

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.

MSP Post 22 - Metro South (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	406	1	61	243	0	33	166	0	27	135	0	24	142	0	25
Shoulder belt only used	293	0	31	591	1	75	680	1	87	481	0	80	534	2	89
Lap belt only used	290	0	30	196	0	21	165	1	15	104	0	20	125	0	23
Both lap & shoulder belts used	72,178	28	8,654	76,661	25	9,605	77,677	26	9,655	74,816	23	9,156	71,351	18	9,261
No belts used	782	14	237	737	28	236	610	13	222	542	22	200	569	21	220
Child restraint used	10	0	1	8	0	0	7	0	0	0	0	0	1	0	0
Child restraint not used, unavailable or improper use	8	0	1	2	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	35	0	4	31	0	8	23	0	8	17	0	4	19	0	3
Restraint use unknown	12,034	14	972	18,847	29	919	25,004	30	1,164	26,968	23	1,474	27,793	27	1,575
Helmet worn	306	19	198	326	9	232	297	7	209	256	5	193	278	15	192
Helmet not worn	171	8	121	330	10	166	164	8	125	194	12	148	231	13	170
Helmet use unknown	95	3	31	70	3	24	56	4	36	68	2	44	58	4	35
Uncoded & errors	10,807	0	15	5,644	0	16	2,553	0	0	2,099	0	0	2,127	0	0
Total	**97,415**	**87**	**10,356**	**103,686**	**105**	**11,335**	**107,402**	**90**	**11,548**	**105,680**	**87**	**11,343**	**103,228**	**100**	**11,593**

5-Year Trend - Restraint Use Among Drivers Coded Drinking

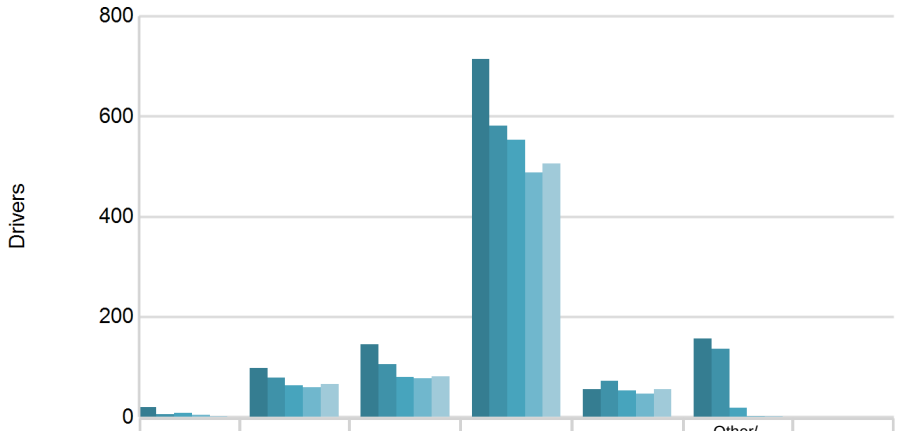
Restraint Use	2015			2016			2017			2018			2019		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	5	0	2	8	0	3	4	0	0	6	0	3	0	0	0
Shoulder belt only used	6	0	1	11	0	2	6	0	2	5	0	1	4	0	2
Lap belt only used	5	0	2	1	0	0	1	0	0	3	0	1	1	0	1
Both lap & shoulder belts used	990	3	229	968	1	239	891	7	220	943	3	238	944	3	240
No belts used	84	6	46	82	13	40	60	3	31	61	5	38	88	8	48
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	0	0	0
Restraint use unknown	271	4	74	260	8	69	297	10	91	337	13	113	386	8	124
Helmet worn	9	0	8	4	0	4	8	0	8	4	1	2	10	7	3
Helmet not worn	15	5	8	19	2	14	9	1	8	22	5	14	29	7	21
Helmet use unknown	0	0	0	0	0	0	2	0	0	3	0	2	2	0	1
Uncoded & errors	2	0	0	2	0	0	2	0	0	0	0	0	0	0	0
Total	**1,387**	**18**	**370**	**1,355**	**24**	**371**	**1,281**	**21**	**360**	**1,384**	**27**	**412**	**1,464**	**33**	**440**

MSP Post 22 - Metro South (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	20	0	5	6	0	0	8	0	1	5	0	3	2	0	0
16 - 20	98	0	45	79	1	34	63	2	25	60	4	27	66	1	25
21 - 24	145	2	44	106	2	35	80	3	28	77	1	28	81	2	35
25 - 64	714	11	189	581	22	185	553	7	183	488	16	158	506	14	171
65 +	55	2	11	72	3	13	53	1	12	46	1	8	55	4	14
Unknown	156	0	4	136	0	2	19	0	0	1	0	0	1	0	0
Total	**1,188**	**15**	**298**	**980**	**28**	**269**	**776**	**13**	**249**	**677**	**22**	**224**	**711**	**21**	**245**

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



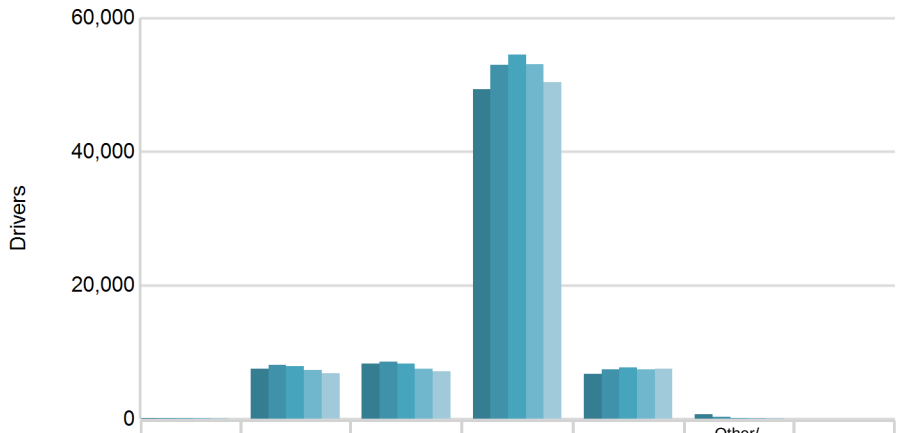
	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2015	20	98	145	714	55	156	1,188
2016	6	79	106	581	72	136	980
2017	8	63	80	553	53	19	776
2018	5	60	77	488	46	1	677
2019	2	66	81	506	55	1	711
Average	8	73	98	568	56	63	866

MSP Post 22 - Metro South (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	84	0	7	93	1	9	75	0	7	82	0	9	82	0	6
16 - 20	7,562	3	840	8,091	2	956	7,916	3	920	7,301	1	835	6,843	1	819
21 - 24	8,322	4	1,013	8,533	2	1,121	8,303	0	1,066	7,547	1	975	7,144	0	1,009
25 - 64	49,309	15	5,981	52,951	14	6,622	54,509	20	6,787	53,047	16	6,426	50,453	15	6,550
65 +	6,791	6	871	7,465	7	995	7,700	5	983	7,437	5	1,014	7,501	4	992
Unknown	728	0	7	346	0	6	42	0	2	4	0	1	6	0	0
Total	**72,796**	**28**	**8,719**	**77,479**	**26**	**9,709**	**78,545**	**28**	**9,765**	**75,418**	**23**	**9,260**	**72,029**	**20**	**9,376**

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



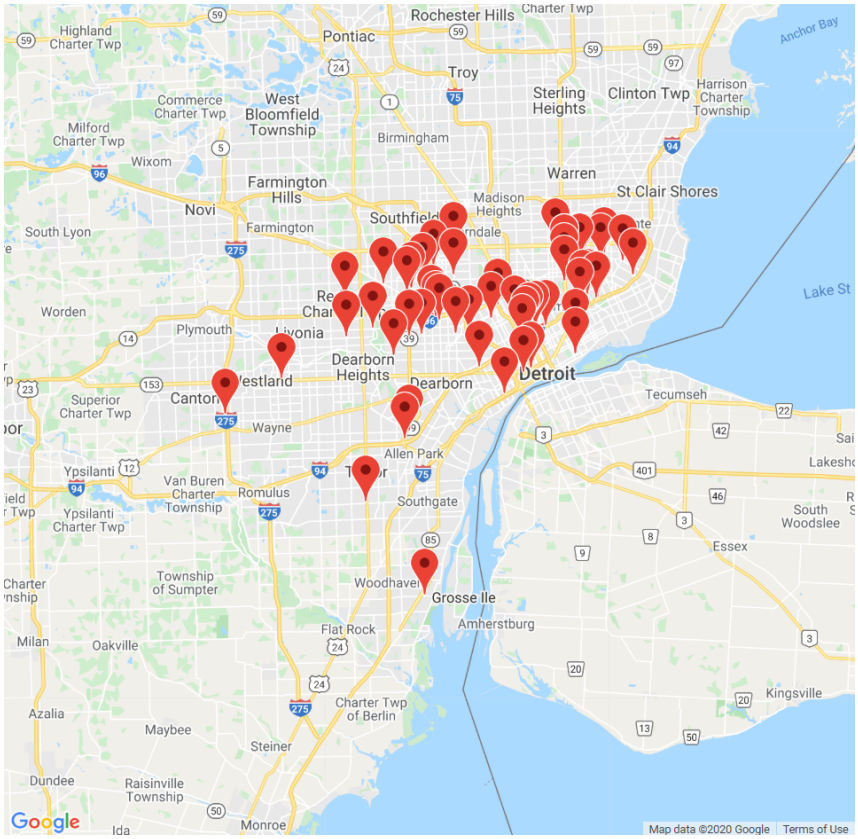
	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2015	84	7,562	8,322	49,309	6,791	728	72,796
2016	93	8,091	8,533	52,951	7,465	346	77,479
2017	75	7,916	8,303	54,509	7,700	42	78,545
2018	82	7,301	7,547	53,047	7,437	4	75,418
2019	82	6,843	7,144	50,453	7,501	6	72,029
Average	83	7,543	7,970	52,054	7,379	225	75,253

MSP Post 22 - Metro South (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	47,113	102	47,920	124	48,083	96	46,545	87	45,805	96
Speed too fast	4,258	31	4,062	42	3,986	31	3,873	33	3,913	35
Speed too slow	67	2	57	1	30	0	34	0	32	0
Failed to yield	7,471	13	7,785	12	8,036	5	7,904	11	7,872	10
Disregard traffic control	2,688	14	2,841	10	2,874	8	2,841	15	2,922	12
Drove wrong way	178	0	144	1	132	4	158	0	160	0
Drove left of center	395	3	399	10	413	5	369	7	399	7
Improper passing	690	1	695	3	785	3	814	0	846	1
Improper lane use	3,243	4	3,544	3	3,833	3	3,803	2	3,926	2
Improper turn	1,245	4	1,216	1	1,334	2	1,334	2	1,464	3
Improper/no signal	143	0	98	0	77	0	81	0	78	0
Improper backing	1,568	1	1,468	0	1,460	0	1,470	0	1,542	0
Unable to stop in assured clear distance	13,707	13	14,916	5	14,933	5	14,357	7	13,857	8
Other	3,490	16	3,628	18	3,430	15	3,339	11	3,252	12
Unknown	5,935	38	9,496	24	13,569	33	14,413	33	12,746	26
Reckless driving	764	19	803	23	601	22	573	20	578	23
Careless/negligent driving	2,385	18	2,433	18	1,765	13	1,788	16	1,817	12
Uncoded & errors	2,075	1	2,181	2	2,061	6	1,984	0	2,019	1
Total	**97,415**	**280**	**103,686**	**297**	**107,402**	**251**	**105,680**	**244**	**103,228**	**248**

MSP Post 22 - Metro South (continued)



The picture above represents all 2019 alcohol-involved fatal crashes in Post 22.

In 2019, there were 1,484 alcohol-involved crashes in Post 22:

55	K - Fatal Crashes
111	A - Suspected Serious Injury Crashes
209	B - Suspected Minor Injury Crashes
283	C - Possible Injury Crashes
826	O - Property Damage Only/No Injury Crashes

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