



Office of Highway Safety Planning

2021

MTCF

Michigan Traffic
Crash Facts

Michigan Traffic Crash Facts

Reporting Criteria

Please pay particular attention to the wording when interpreting the three levels of data gathered for this report.

Crash

The Crash Level analyzes data related to crash events and returns one result per crash.

Examples: Time, weather, and location.

Units

The Units Level analyzes the experience of the units in the crash and returns one result per vehicle, driver, pedestrian, bicyclist, or train.

Examples: Vehicle type, driver condition, and unit events.

People

The People Level analyzes the experience of the people involved in the crash and returns one result per occupant/person/party.

Examples: Age, injury severity, and seat belt or helmet use.

KABCO Injury Indicator:

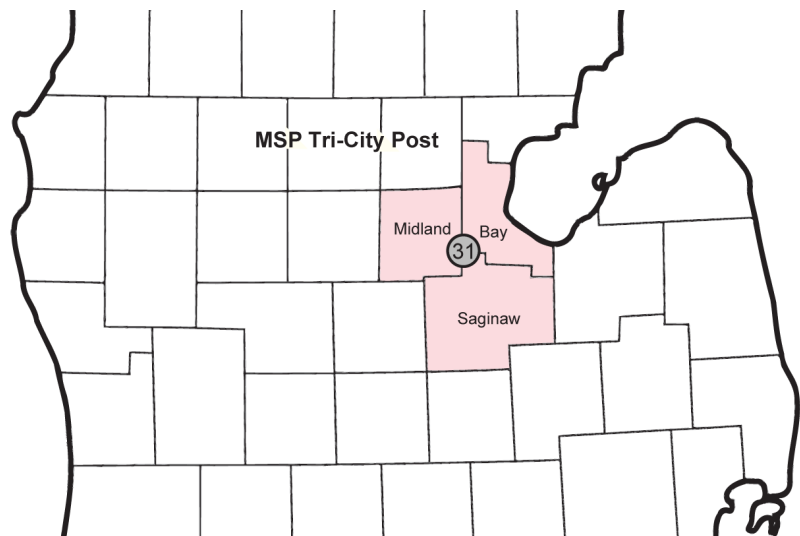
- K = Killed
- A = Suspected Serious Injury
- B = Suspected Minor Injury
- C = Possible Injury
- O = No Injury
- Property Damage Only (PDO)



Michigan State Police (MSP) Post 31 - Tri-City

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

MSP Post 31 - Tri-City is comprised of Bay, Midland and Saginaw 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.

MSP Post 31 - Tri-City

- There were 10,719 crashes in Post 31 during 2021. [Page 1]
- A total of 41 fatalities resulted from 39 fatal crashes in 2021 in Post 31. [Page 1]
- There were 2,563 injuries and 1,837 injury crashes. [Page 1]
- There were 8,843 property damage only crashes (no fatalities or injuries). [Page 1]
- October had the highest number of crashes (1,180). [Pages 1-2]
- December had the highest number of fatal crashes (7) and fatalities (7). [Pages 1-2]
- June had the highest number of injury crashes (183) and injuries (269). [Page 1]
- December had the highest number of property damage only crashes (1,011). [Page 1]
- Of all vehicles involved in fatal crashes, 5 (8.3%) were motorcycles. [Page 1]
- Thursday was the day of the week with the highest number of crashes (1,681) and Wednesday 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 (2,170). This holds true for every year between 2017 and 2021. The 6:00 PM – 8:59 PM time period had the highest number of fatal crashes (9). [Pages 5-6]
- During the period from 2017 to 2021, the highest number of deer crashes occurred in 2019 (2,708). 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 2021. [Page 7]
- Saginaw County (50.6%) had the highest number of crashes in Post 31 in 2021, followed by Bay County (27.4%), and Midland County (22.0%). [Page 11]
- Saginaw County (43.9%) had the highest number of fatalities in Post 31 in 2021, followed by Bay County (31.7%), and Midland County (24.4%). [Page 11]
- The highest number of drivers in crashes (18,273) occurred during 2019 and the highest number of drivers coded drinking in crashes (426) occurred during 2017 within the five year period between 2017 and 2021. [Page 12]
- A total of 412 crashes involved alcohol in 2021. [Page 13]
- Alcohol-involved fatal crashes were the highest in 2018 during the five-year period from 2017 to 2021 at 15. [Page 13]
- A total of 109 crashes, 10 fatal crashes, and 13 suspected injury crashes involved drugs in 2021. [Page 14]
- There were 15,318 drivers wearing seatbelts and 167 drivers not wearing seatbelts in crashes in 2021. Of the 167 drivers not wearing seatbelts, 5 (3.0%) were killed and 77 (46.1%) were injured. [Pages 17-19]
- The most common hazardous action coded for drivers in 2021 in all crashes was failed to yield (1,722), while the most common hazardous action coded for drivers in fatal crashes was speed too fast (9). [Page 20]

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	896	3	134	759	3	188
February	835	2	129	704	2	158
March	655	1	123	531	1	175
April	645	4	112	529	4	158
May	805	4	168	633	4	232
June	876	4	183	689	4	269
July	849	4	178	667	5	258
August	771	2	151	618	2	221
September	859	1	170	688	1	235
October	1,180	3	172	1,005	4	240
November	1,169	4	156	1,009	4	225
December	1,179	7	161	1,011	7	204
Total	10,719	39	1,837	8,843	41	2,563

2021 - Driver Statistics

Age Group	MSP Post 31 - Tri-City			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	69,382	2,128	29	4.2	136.3
16 - 20	23,652	16,730	2,030	858.3	1,213.4
21 - 24	18,379	16,358	1,605	873.3	981.2
25 - 64	190,647	171,661	10,115	530.6	589.2
65 +	74,761	71,860	2,143	286.6	298.2
Unknown	0	0	1,223	--	--
Total	376,821	278,737	17,145	455.0	615.1

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

2021 - Vehicles in Crashes

Vehicle Type	Motor Vehicles		Fatal Crashes		Injury Crashes	PDO Crashes
	Number of Vehicles	% of Total	Number	% of Total	Number	Number
Passenger Car, SUV, Van	13,370	78.0	37	61.7	2,608	10,725
Motor Home	32	0.2	0	0.0	5	27
Pickup Truck	2,679	15.6	14	23.3	426	2,239
Small Truck Under 10,000 lbs. GVWR	67	0.4	0	0.0	12	55
Motorcycle	129	0.8	5	8.3	94	30
Moped/Goped	18	0.1	0	0.0	14	4
Go-Cart/Golf Cart	2	0.0	0	0.0	2	0
Snowmobile	1	0.0	0	0.0	0	1
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	9	0.1	0	0.0	4	5
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	59	0.3	1	1.7	8	50
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	390	2.3	3	5.0	59	328
Uncoded & Errors	389	2.3	0	0.0	36	353
Total	17,145	100.0	60	100.0	3,268	13,817

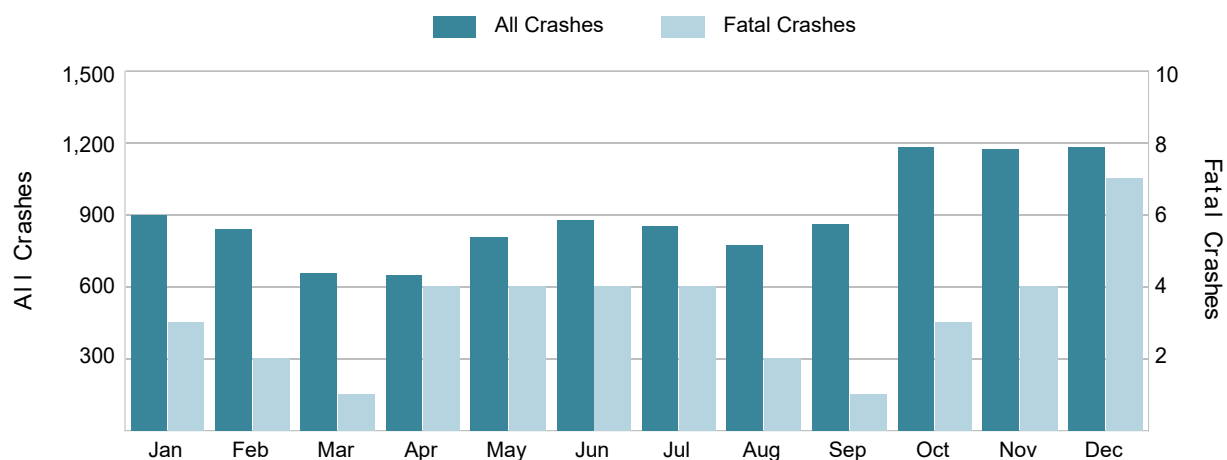
5-Year Trend - Crashes by Month

Month	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	993	1	1,147	3	1,125	1	973	2	896	3
February	621	1	912	3	969	2	1,041	3	835	2
March	924	4	904	2	784	3	492	0	655	1
April	751	2	876	5	834	2	350	3	645	4
May	836	4	803	3	905	4	644	5	805	4
June	862	2	900	0	916	3	829	6	876	4
July	859	7	752	3	781	3	803	2	849	4
August	799	3	771	7	812	3	746	3	771	2
September	849	4	788	7	828	4	817	3	859	1
October	1,154	4	1,106	7	1,174	2	1,110	2	1,180	3
November	1,137	5	1,312	4	1,364	3	947	3	1,169	4
December	1,526	5	936	0	1,042	5	754	1	1,179	7
Total	11,311	42	11,207	44	11,534	35	9,506	33	10,719	39

5-Year Trend - Crashes by Day of Week

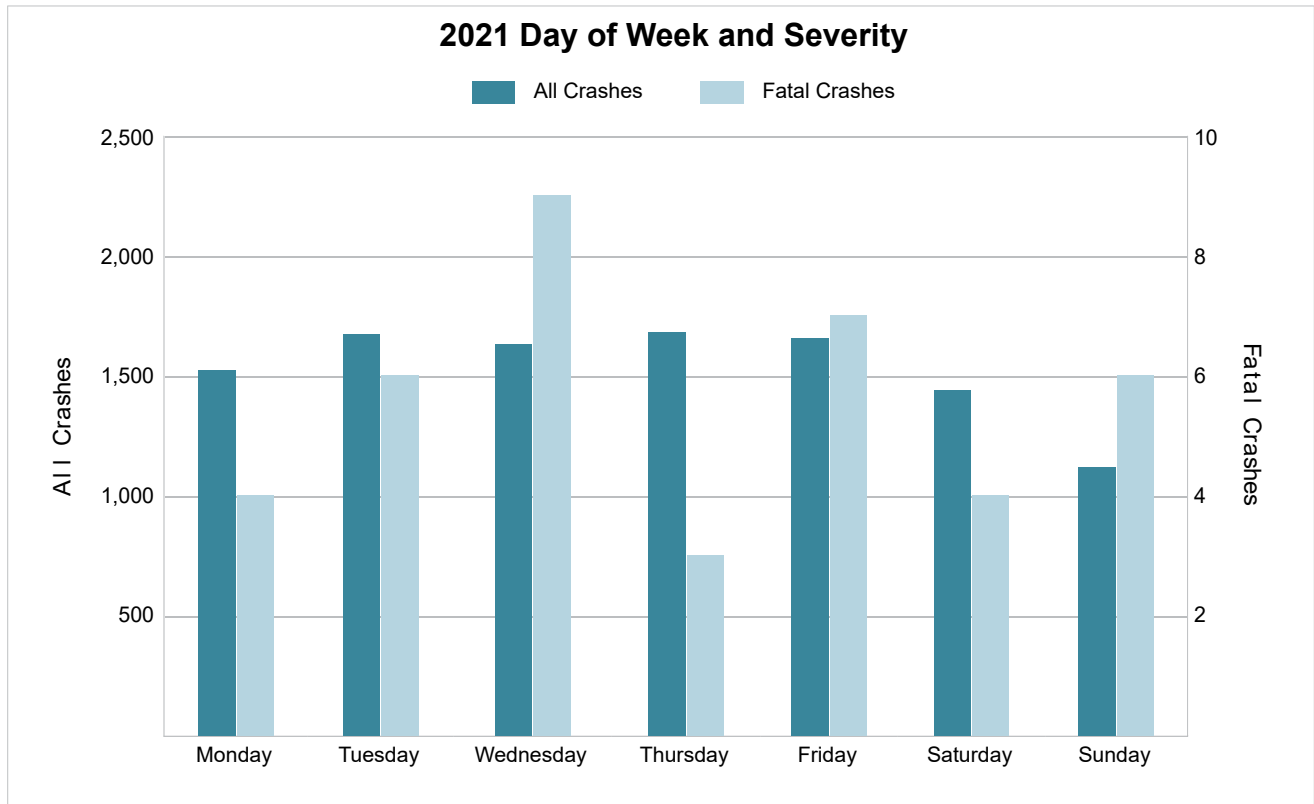
Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	1,648	4	1,694	5	1,695	5	1,262	5	1,523	4
Tuesday	1,783	7	1,690	5	1,688	4	1,385	1	1,672	6
Wednesday	1,739	6	1,627	7	1,796	5	1,438	4	1,629	9
Thursday	1,784	3	1,636	6	1,751	8	1,564	6	1,681	3
Friday	1,684	8	1,970	6	1,826	3	1,545	8	1,655	7
Saturday	1,466	8	1,377	8	1,480	5	1,260	2	1,441	4
Sunday	1,207	6	1,213	7	1,298	5	1,052	7	1,118	6
Total	11,311	42	11,207	44	11,534	35	9,506	33	10,719	39

2021 Crashes by Month



2021 - Crashes by Day of Week

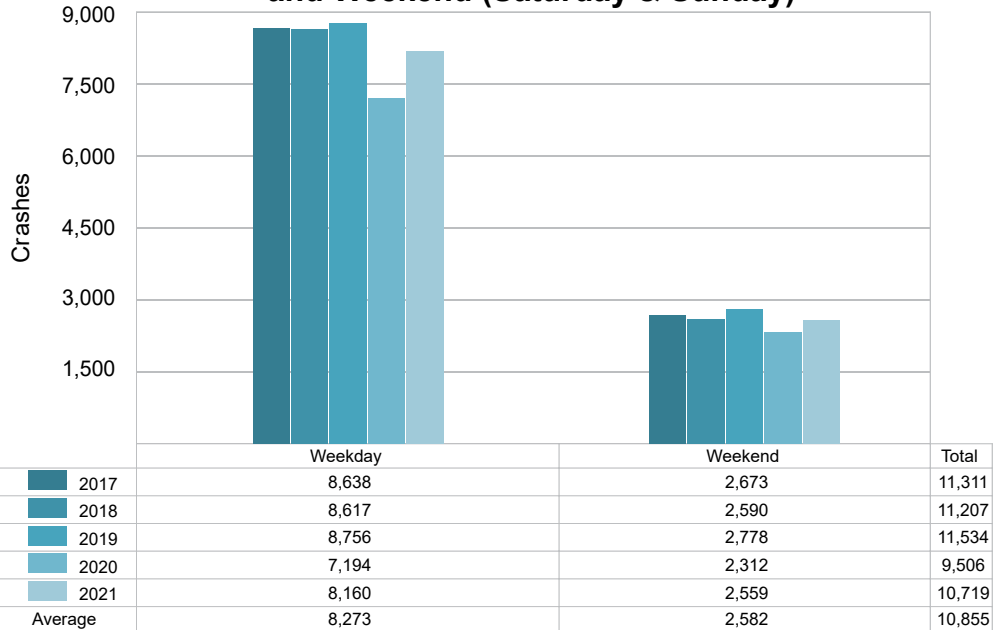
Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Fatal	% of Fatal	A	B	C	Number
Monday	1,523	14.2	4	10.3	28	79	138	1,274
Tuesday	1,672	15.6	6	15.4	23	52	177	1,414
Wednesday	1,629	15.2	9	23.1	25	88	171	1,336
Thursday	1,681	15.7	3	7.7	23	63	191	1,401
Friday	1,655	15.4	7	17.9	25	82	179	1,362
Saturday	1,441	13.4	4	10.3	38	84	155	1,160
Sunday	1,118	10.4	6	15.4	26	68	122	896
Total	10,719	100.0	39	100.0	188	516	1,133	8,843



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	8,638	28	8,617	29	8,756	25	7,194	24	8,160	29
Weekend	2,673	14	2,590	15	2,778	10	2,312	9	2,559	10
Total	11,311	42	11,207	44	11,534	35	9,506	33	10,719	39

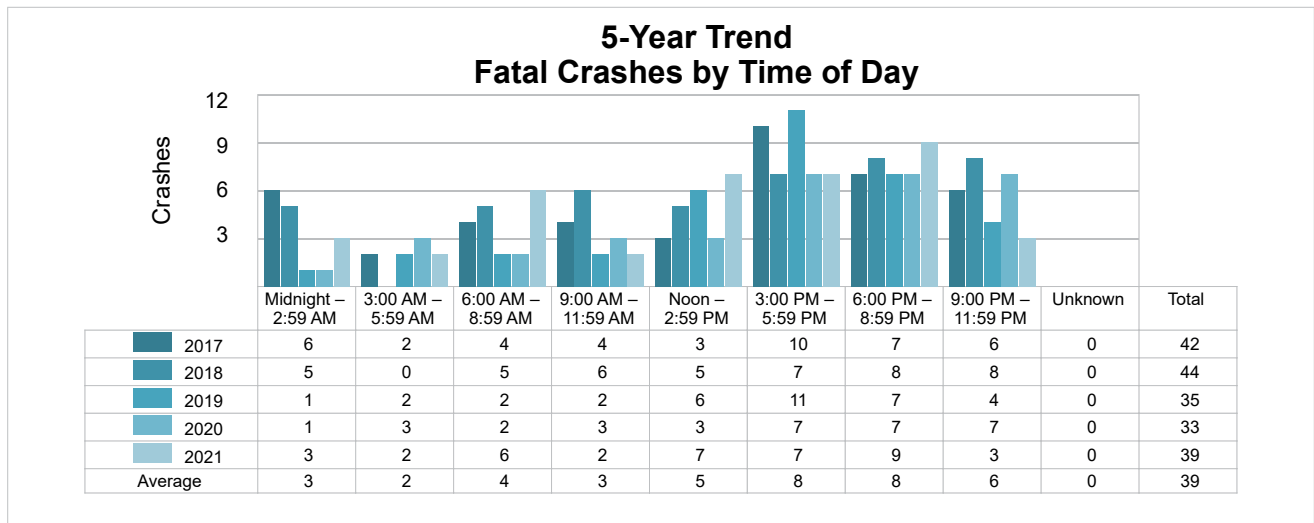
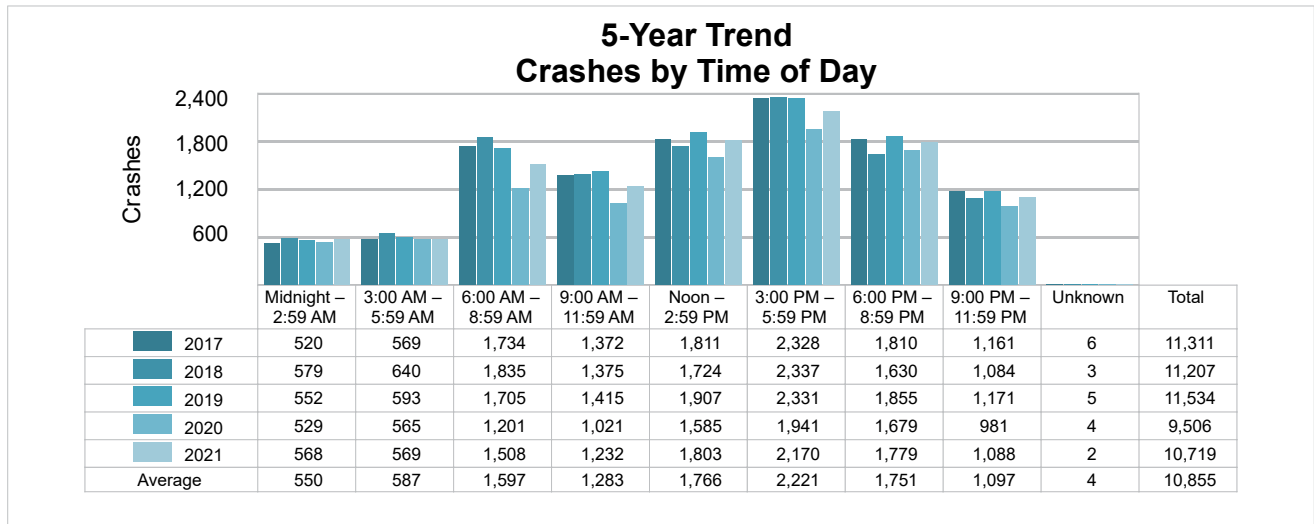
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

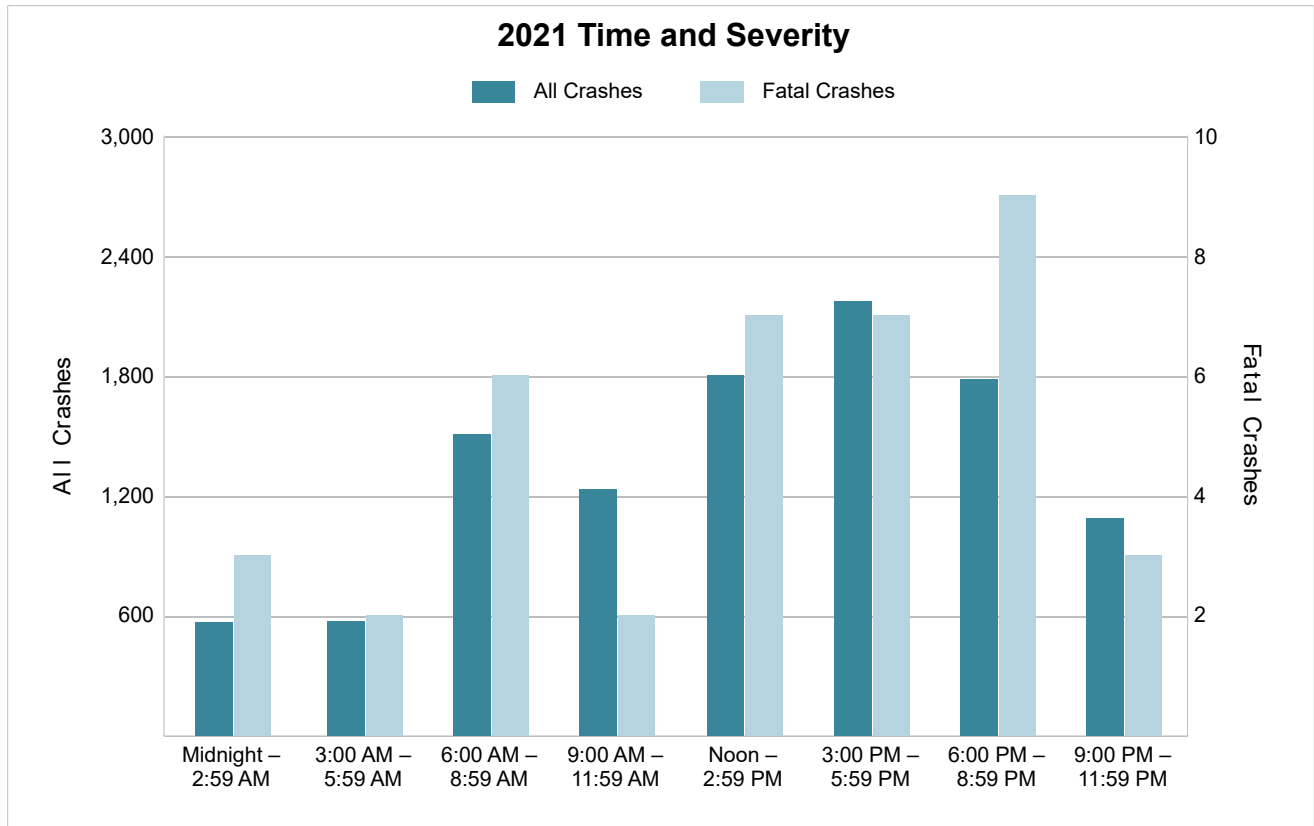
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	520	6	579	5	552	1	529	1	568	3
3:00 AM – 5:59 AM	569	2	640	0	593	2	565	3	569	2
6:00 AM – 8:59 AM	1,734	4	1,835	5	1,705	2	1,201	2	1,508	6
9:00 AM – 11:59 AM	1,372	4	1,375	6	1,415	2	1,021	3	1,232	2
Noon – 2:59 PM	1,811	3	1,724	5	1,907	6	1,585	3	1,803	7
3:00 PM – 5:59 PM	2,328 †	10	2,337 †	7	2,331 †	11	1,941 †	7	2,170 †	7
6:00 PM – 8:59 PM	1,810	7	1,630	8	1,855	7	1,679	7	1,779	9
9:00 PM – 11:59 PM	1,161	6	1,084	8	1,171	4	981	7	1,088	3
Unknown	6	0	3	0	5	0	4	0	2	0
Total	11,311	42	11,207	44	11,534	35	9,506	33	10,719	39

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



2021 - Time and Severity

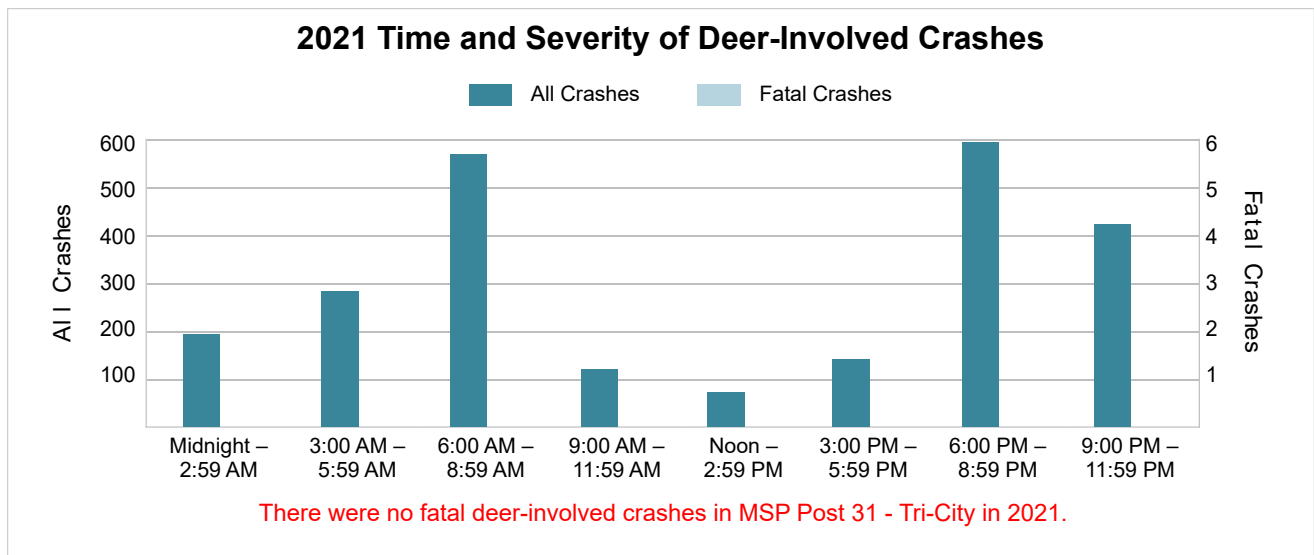
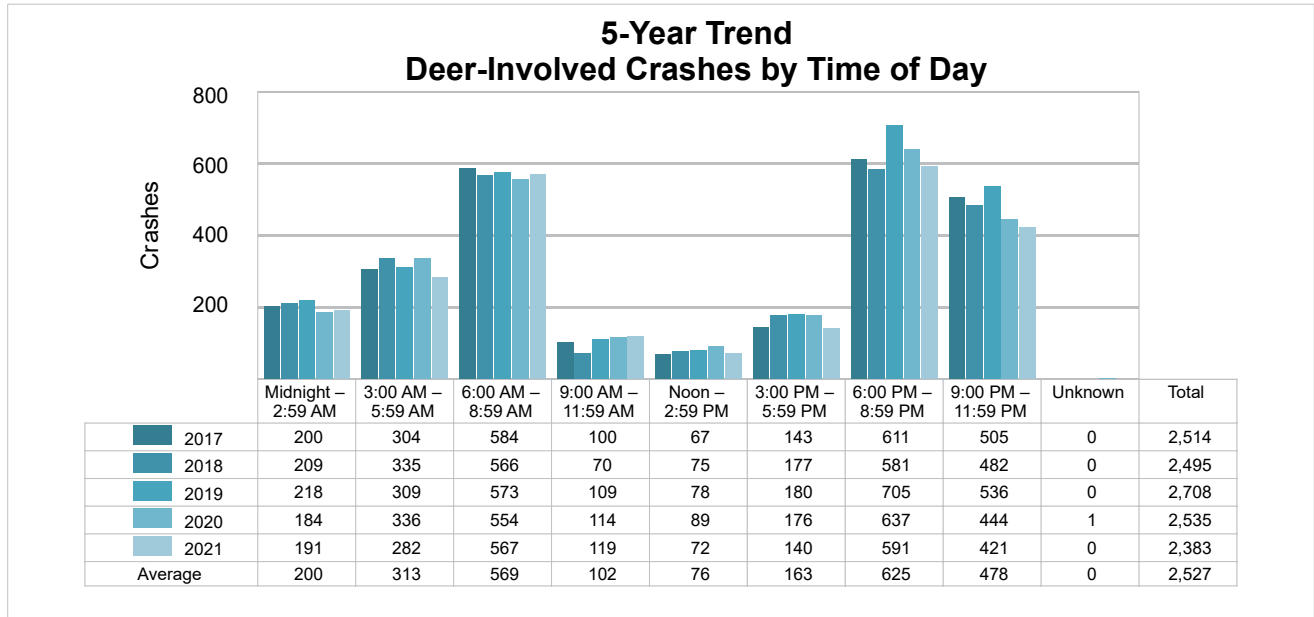
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	568	5.3	3	7.7	16	39	47	463
3:00 AM – 5:59 AM	569	5.3	2	5.1	8	25	41	493
6:00 AM – 8:59 AM	1,508	14.1	6	15.4	19	41	119	1,323
9:00 AM – 11:59 AM	1,232	11.5	2	5.1	11	58	139	1,022
Noon – 2:59 PM	1,803	16.8	7	17.9	24	97	252	1,423
3:00 PM – 5:59 PM	2,170	20.2	7	17.9	39	124	282	1,718
6:00 PM – 8:59 PM	1,779	16.6	9	23.1	40	83	164	1,483
9:00 PM – 11:59 PM	1,088	10.2	3	7.7	31	49	89	916
Unknown	2	0.0	0	0.0	0	0	0	2
Total	10,719	100.0	39	100.0	188	516	1,133	8,843



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

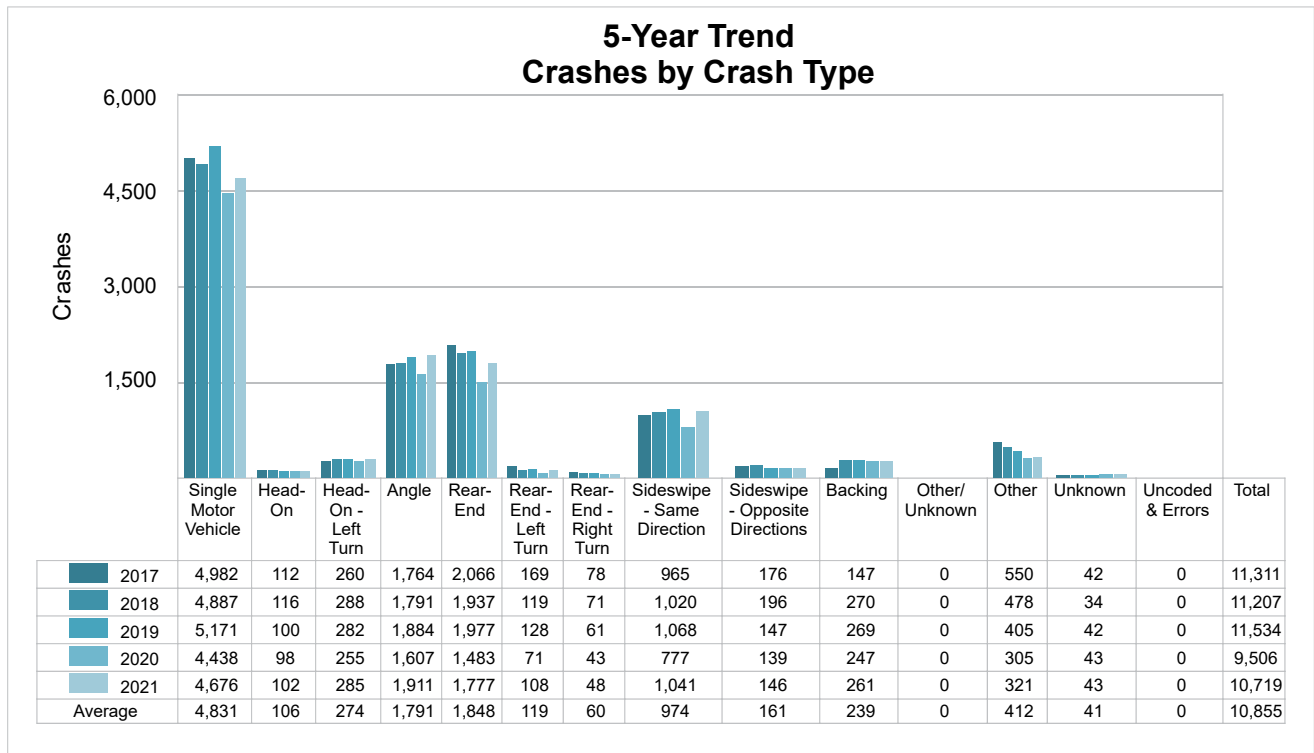
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	200	1	209	0	218	0	184	0	191	0
3:00 AM – 5:59 AM	304	0	335	0	309	0	336	0	282	0
6:00 AM – 8:59 AM	584	0	566	0	573	0	554	0	567	0
9:00 AM – 11:59 AM	100	0	70	0	109	0	114	0	119	0
Noon – 2:59 PM	67	0	75	0	78	0	89	0	72	0
3:00 PM – 5:59 PM	143	1	177	0	180	0	176	0	140	0
6:00 PM – 8:59 PM	611 †	0	581 †	0	705 †	1	637 †	0	591 †	0
9:00 PM – 11:59 PM	505	0	482	0	536	0	444	0	421	0
Unknown	0	0	0	0	0	0	1	0	0	0
Total	2,514	2	2,495	0	2,708	1	2,535	0	2,383	0

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



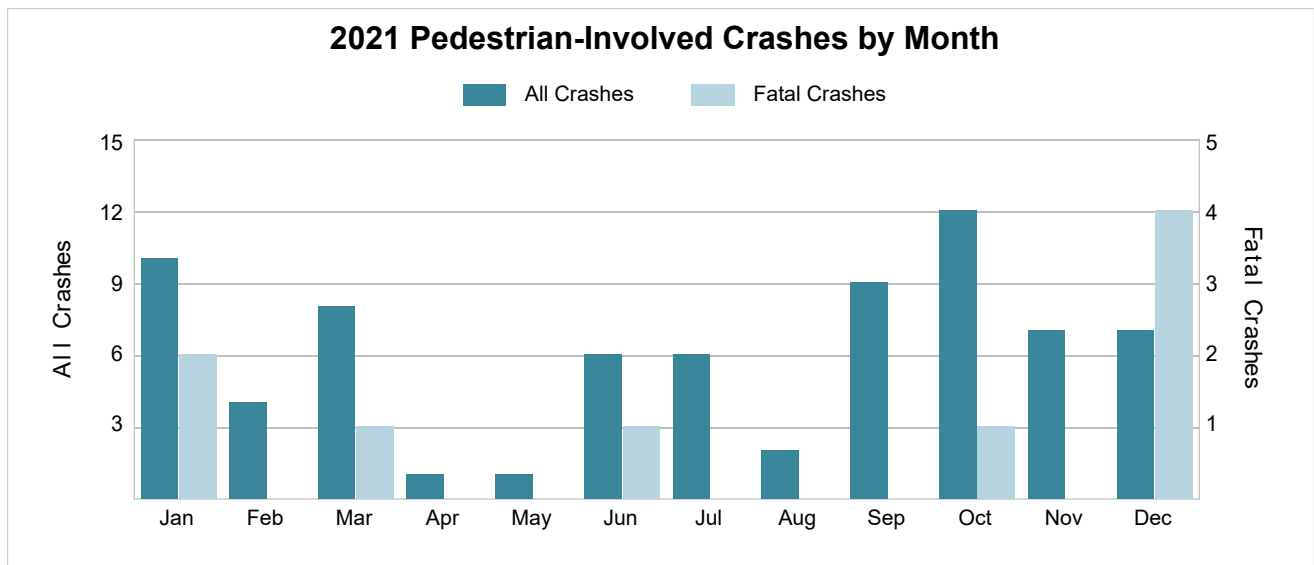
5-Year Trend - Crashes by Crash Type

Crash Type	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single Motor Vehicle	4,982	15	4,887	15	5,171	16	4,438	20	4,676	19
Head-On	112	5	116	6	100	5	98	4	102	4
Head-On - Left Turn	260	3	288	1	282	2	255	1	285	1
Angle	1,764	15	1,791	10	1,884	10	1,607	6	1,911	8
Rear-End	2,066	1	1,937	5	1,977	0	1,483	0	1,777	2
Rear-End - Left Turn	169	1	119	0	128	0	71	0	108	0
Rear-End - Right Turn	78	0	71	0	61	0	43	0	48	0
Sideswipe - Same Direction	965	0	1,020	1	1,068	1	777	0	1,041	2
Sideswipe - Opposite Directions	176	0	196	1	147	1	139	0	146	0
Backing	147	0	270	0	269	0	247	0	261	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	550	2	478	5	405	0	305	1	321	3
Unknown	42	0	34	0	42	0	43	1	43	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	11,311	42	11,207	44	11,534	35	9,506	33	10,719	39



5-Year Trend - Pedestrian-Involved Crashes by Month

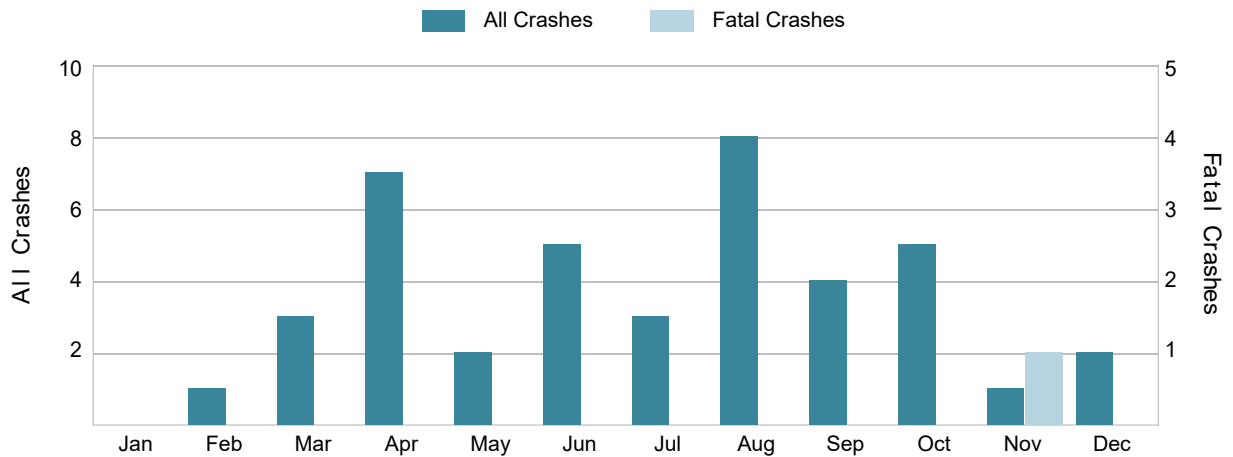
Month	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	6	0	3	2	2	0	2	0	10	2
February	11	1	2	0	3	1	2	0	4	0
March	5	0	4	0	5	0	2	0	8	1
April	5	0	1	0	4	0	0	0	1	0
May	5	0	4	0	4	1	3	3	1	0
June	7	1	4	0	3	0	7	1	6	1
July	4	1	4	0	8	0	4	0	6	0
August	2	0	2	1	3	0	2	0	2	0
September	8	0	5	0	9	1	5	2	9	0
October	4	1	6	1	8	0	4	0	12	1
November	3	0	6	0	3	0	8	1	7	0
December	2	1	6	0	5	0	7	0	7	4
Total	62	5	47	4	57	3	46	7	73	9



5-Year Trend - Bicyclist-Involved Crashes by Month

Month	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	1	0	3	0	1	0	1	0	0	0
February	1	0	1	1	0	0	0	0	1	0
March	3	0	0	0	2	0	1	0	3	0
April	5	0	3	0	4	0	0	0	7	0
May	11	0	5	0	8	0	3	0	2	0
June	9	0	0	0	5	0	7	0	5	0
July	9	0	5	0	4	0	3	0	3	0
August	5	0	10	0	9	0	4	0	8	0
September	9	0	10	2	8	0	6	0	4	0
October	4	0	2	0	5	0	2	0	5	0
November	4	0	1	0	1	0	2	0	1	1
December	1	0	2	0	2	0	0	0	2	0
Total	62	0	42	3	49	0	29	0	41	1

2021 Bicyclist-Involved Crashes by Month



2021 - Reported Motor Vehicle Crashes by County

County	Crashes												
	Total	Fatal	Injury	Property Damage	Inter-State	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Pedestrian-Involved	Bicyclist-Involved
Bay	2,938	13	504	2,421	250	154	984	1,544	123	20	578	27	11
Midland	2,353	8	316	2,029	0	342	397	1,612	70	20	864	8	8
Saginaw	5,428	18	1,017	4,393	514	0	1,940	2,951	219	69	941	38	22
Total	10,719	39	1,837	8,843	764	496	3,321	6,107	412	109	2,383	73	41

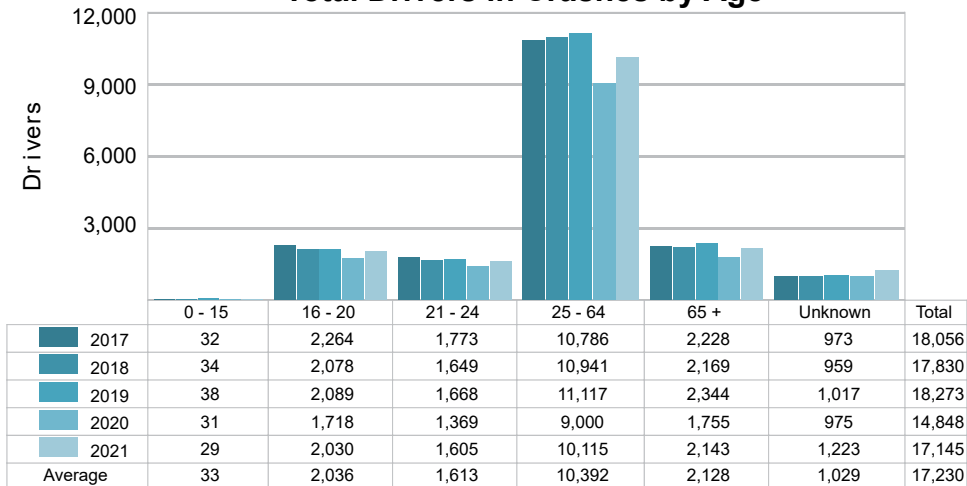
2021 - People in Reported Motor Vehicle Crashes by County

County	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Bay	13	134	311	793	4,612	448
Midland	10	79	240	364	3,164	143
Saginaw	18	244	697	1,758	9,060	659
Total	41	457	1,248	2,915	16,836	1,250

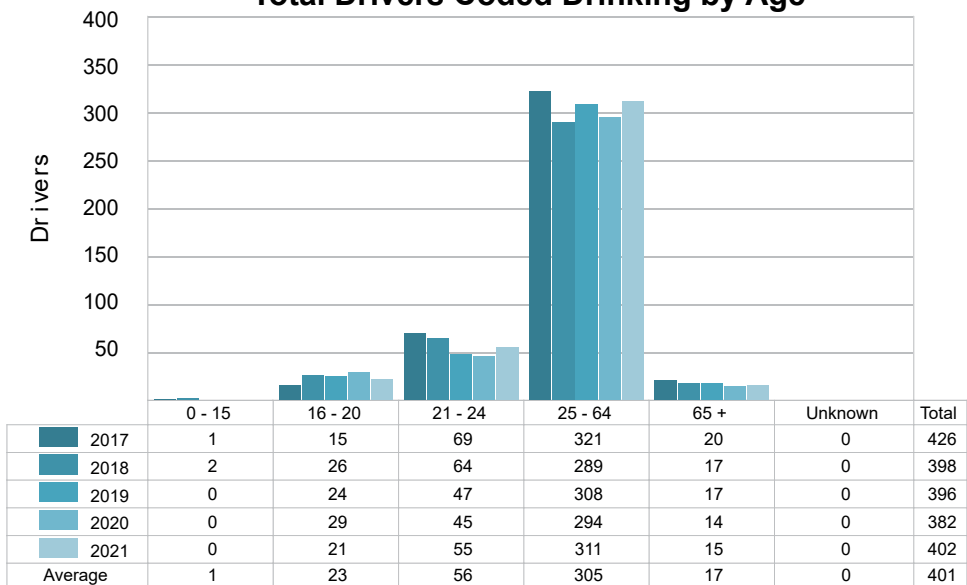
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2017		2018		2019		2020		2021	
	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking
0 - 15	32	1	34	2	38	0	31	0	29	0
16 - 20	2,264	15	2,078	26	2,089	24	1,718	29	2,030	21
21 - 24	1,773	69	1,649	64	1,668	47	1,369	45	1,605	55
25 - 64	10,786	321	10,941	289	11,117	308	9,000	294	10,115	311
65 +	2,228	20	2,169	17	2,344	17	1,755	14	2,143	15
Unknown	973	0	959	0	1,017	0	975	0	1,223	0
Total	18,056	426	17,830	398	18,273	396	14,848	382	17,145	402

5-Year Trend
Total Drivers in Crashes by Age



5-Year Trend
Total Drivers Coded Drinking by Age



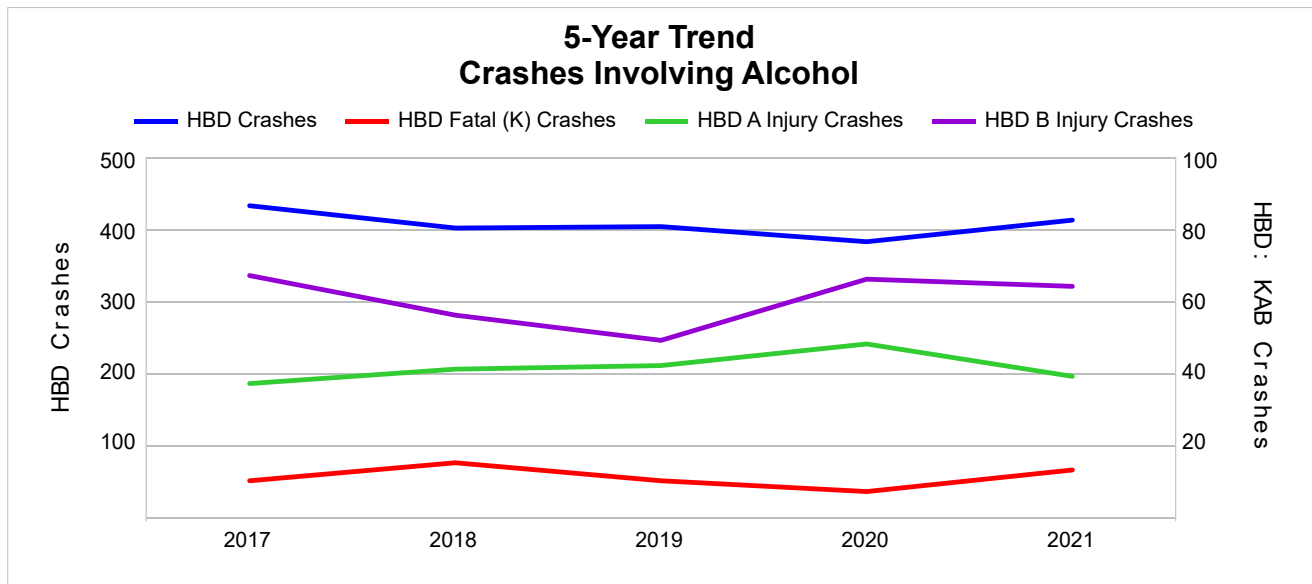
2021 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

Age Group	Drivers				BAC Result Range for Drivers Coded Drinking				
	Total Drivers in Alcohol-Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	BAC 0.01 g/dL to 0.07 g/dL	BAC 0.08 g/dL to 0.16 g/dL	BAC 0.17 g/dL and Above	BAC Not Reported
0 - 15	0	0	0	0	0	0	0	0	0
16 - 20	38	34	19	21	0	4	9	4	4
21 - 24	72	66	46	55	0	1	14	13	27
25 - 64	393	333	267	311	0	16	76	92	127
65 +	30	16	11	15	0	2	3	2	8
Unknown	48	0	0	0	0	0	0	0	0
Total	581	449	343	402	0	23	102	111	166

Notes: BAC measured in grams (g) per deciliter (dL).
 BAC may not be reported if drivers are not tested or if the results are not available immediately (as in the case of a blood test).
 A driver may be coded by the officer as drinking even though no test is administered.

5-Year Trend - Crashes Involving Alcohol

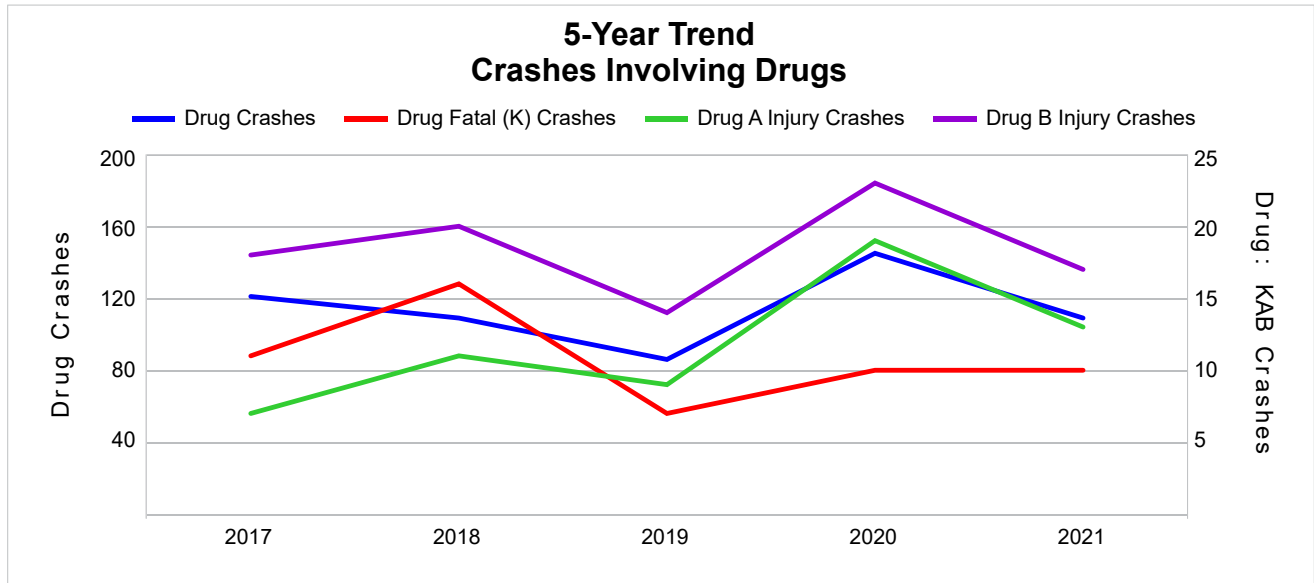
Year	All Crashes	HBD Crashes	% HBD	Fatal Crashes	HBD Fatal Crashes	% HBD	A Injury Crashes	HBD A Injury Crashes	% HBD	B Injury Crashes	HBD B Injury Crashes	% HBD
2017	11,311	432	3.8	42	10	23.8	184	37	20.1	547	67	12.2
2018	11,207	401	3.6	44	15	34.1	176	41	23.3	501	56	11.2
2019	11,534	403	3.5	35	10	28.6	178	42	23.6	512	49	9.6
2020	9,506	382	4.0	33	7	21.2	193	48	24.9	471	66	14.0
2021	10,719	412	3.8	39	13	33.3	188	39	20.7	516	64	12.4



Note: Had-Been-Drinking (HBD)

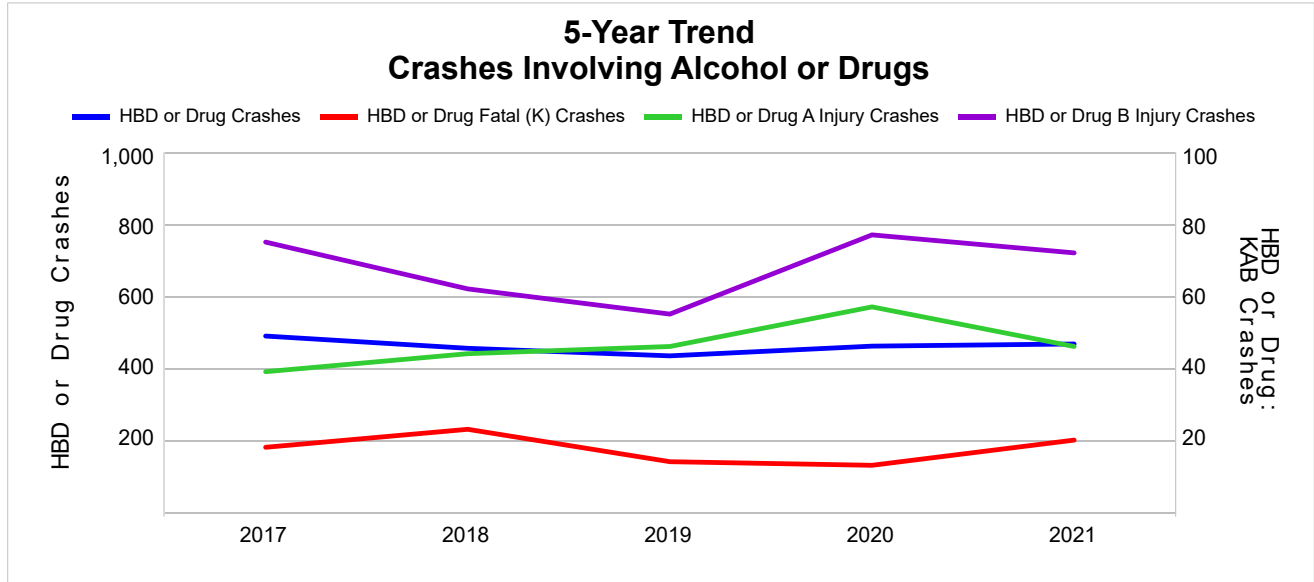
5-Year Trend - Crashes Involving Drugs

Year	All Crashes	Drug Crashes	% Drug	Fatal Crashes	Drug Fatal Crashes	% Drug	A Injury Crashes	Drug A Injury Crashes	% Drug	B Injury Crashes	Drug B Injury Crashes	% Drug
2017	11,311	121	1.1	42	11	26.2	184	7	3.8	547	18	3.3
2018	11,207	109	1.0	44	16	36.4	176	11	6.3	501	20	4.0
2019	11,534	86	0.7	35	7	20.0	178	9	5.1	512	14	2.7
2020	9,506	145	1.5	33	10	30.3	193	19	9.8	471	23	4.9
2021	10,719	109	1.0	39	10	25.6	188	13	6.9	516	17	3.3



5-Year Trend - Crashes Involving Alcohol or Drugs

Year	All Crashes	HBD or Drug Crashes	% HBD or Drug	Fatal Crashes	HBD or Drug Fatal Crashes	% HBD or Drug	A Injury Crashes	HBD or Drug A Injury Crashes	% HBD or Drug	B Injury Crashes	HBD or Drug B Injury Crashes	% HBD or Drug
2017	11,311	489	4.3	42	18	42.9	184	39	21.2	547	75	13.7
2018	11,207	455	4.1	44	23	52.3	176	44	25.0	501	62	12.4
2019	11,534	434	3.8	35	14	40.0	178	46	25.8	512	55	10.7
2020	9,506	461	4.8	33	13	39.4	193	57	29.5	471	77	16.3
2021	10,719	467	4.4	39	20	51.3	188	46	24.5	516	72	14.0



Note: Had-Been-Drinking (HBD)

2021 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Vehicle Type

Vehicle Type	Total Occupants			Fatalities			A - Suspected Serious			B - Suspected Minor			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
Passenger Car, SUV, Van	13,895	12,799	92.1	22	11	50.0	149	113	75.8	480	422	87.9	1,395	1,315	94.3	11,168	10,938	97.9
Motor Home	37	35	94.6	0	0	0.0	0	0	0.0	2	2	100.0	6	5	83.3	28	28	100.0
Pickup Truck	2,752	2,537	92.2	3	3	100.0	24	18	75.0	80	71	88.8	162	148	91.4	2,346	2,297	97.9
Small Truck Under 10,000 lbs. GVWR	68	59	86.8	0	0	0.0	2	2	100.0	0	0	0.0	2	2	100.0	58	55	94.8
Motorcycle	146	82	56.2	5	3	60.0	29	16	55.2	53	28	52.8	24	14	58.3	28	21	75.0
Moped/Goped	18	3	16.7	0	0	0.0	2	1	50.0	9	0	0.0	3	2	66.7	3	0	0.0
Go-Cart/Golf Cart	3	0	0.0	0	0	0.0	0	0	0.0	2	0	0.0	0	0	0.0	1	0	0.0
Snowmobile	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	13	3	23.1	0	0	0.0	2	0	0.0	6	2	33.3	0	0	0.0	4	1	25.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	59	45	76.3	0	0	0.0	0	0	0.0	1	1	100.0	2	2	100.0	46	42	91.3
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	397	367	92.4	1	1	100.0	3	3	100.0	8	6	75.0	21	17	81.0	349	340	97.4
Uncoded & Errors	389	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	17,778	15,931	89.6	31	18	58.1	211	153	72.5	641	532	83.0	1,615	1,505	93.2	14,032	13,723	97.8

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.

2021 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Age

Age Group	Total Occupants			Fatalities			A - Suspected Serious			B - Suspected Minor			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
0 - 15	184	160	87.0	0	0	0.0	7	7	100.0	32	27	84.4	118	103	87.3	25	23	92.0
16 - 20	2,130	2,073	97.3	3	2	66.7	25	19	76.0	84	73	86.9	198	180	90.9	1,818	1,799	99.0
21 - 24	1,657	1,579	95.3	3	1	33.3	30	20	66.7	58	45	77.6	161	145	90.1	1,402	1,368	97.6
25 - 64	10,362	9,928	95.8	18	9	50.0	131	90	68.7	365	291	79.7	901	842	93.5	8,928	8,696	97.4
65 +	2,222	2,190	98.6	7	6	85.7	18	17	94.4	102	96	94.1	237	235	99.2	1,857	1,836	98.9
Unknown	1,223	1	0.1	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	1	50.0
Total	17,778	15,931	89.6	31	18	58.1	211	153	72.5	641	532	83.0	1,615	1,505	93.2	14,032	13,723	97.8

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	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	32	0	4	31	0	4	27	0	0	33	0	9	41	0	6
Shoulder Belt Only Used	101	0	11	73	0	9	108	0	16	57	0	10	48	0	6
Lap Belt Only Used	90	0	12	76	0	9	60	0	9	36	0	2	45	0	6
Both Lap & Shoulder Belt Used	16,240	15	1,749	16,128	15	1,761	16,532	15	1,869	13,133	3	1,421	15,222	12	1,592
No Belts Used	174	10	60	141	7	58	121	5	51	154	12	77	126	5	71
Child Restraint Used - Forward Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Not Used, Unavailable or Improper Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Rear Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Booster Seat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Failure	10	0	3	5	0	1	10	0	0	4	0	0	3	0	1
Restraint Use Unknown	1,280	0	54	1,243	5	39	1,299	0	39	1,324	2	55	1,516	3	53
Helmet Worn	81	5	61	80	4	58	52	0	35	53	0	40	76	3	51
Helmet Not Worn	48	3	34	48	0	37	59	2	42	46	3	34	59	1	46
Helmet Use Unknown	0	0	0	5	0	3	5	1	3	8	0	5	9	0	9
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	18,056	33	1,988	17,830	31	1,979	18,273	23	2,064	14,848	20	1,653	17,145	24	1,841

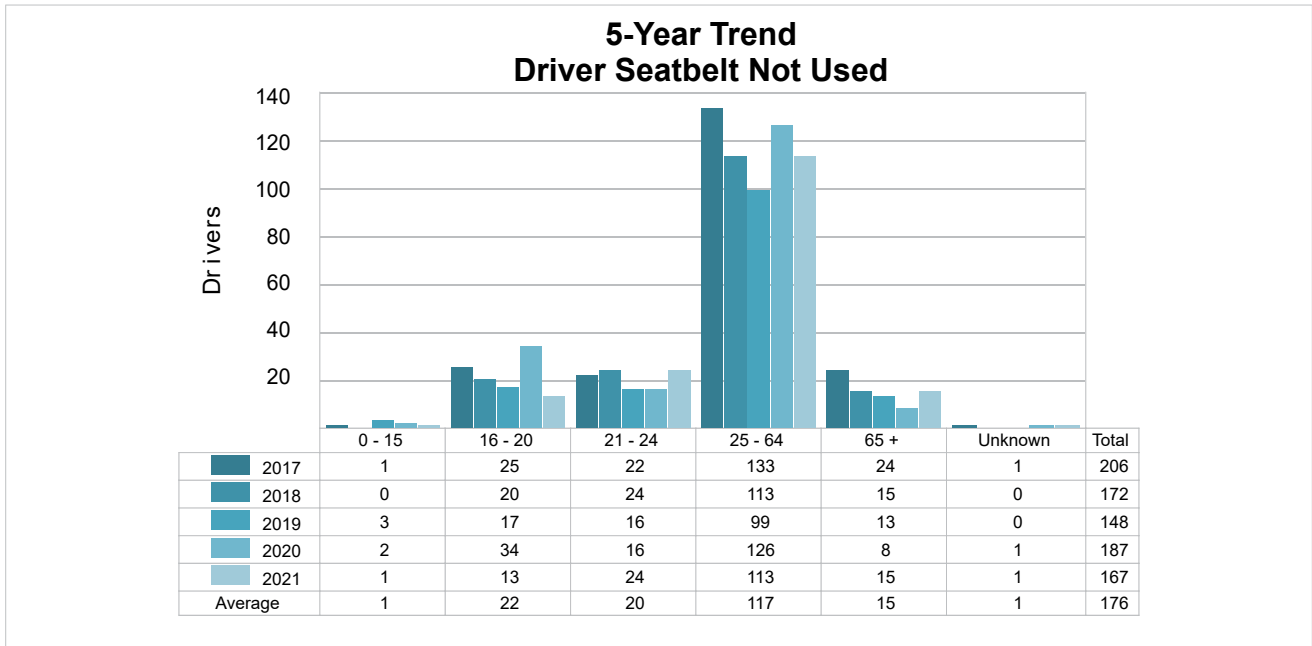
5-Year Trend - Restraint Use Among Drivers Coded Drinking

Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	1	0	1	1	0	0	0	0	0	0	0	0	3	0	1
Shoulder Belt Only Used	4	0	2	2	0	0	3	0	0	1	0	0	1	0	0
Lap Belt Only Used	3	0	1	1	0	1	3	0	2	1	0	0	0	0	0
Both Lap & Shoulder Belt Used	302	2	92	296	5	96	293	4	70	261	0	76	297	5	77
No Belts Used	33	3	22	25	3	17	24	1	19	38	4	26	27	3	19
Child Restraint Used - Forward Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Not Used, Unavailable or Improper Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Rear Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Booster Seat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Failure	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Restraint Use Unknown	66	0	19	65	0	17	61	0	19	67	0	18	57	0	14
Helmet Worn	5	0	4	1	0	1	1	0	1	2	0	2	3	0	3
Helmet Not Worn	12	1	9	6	0	6	9	0	7	11	1	9	13	1	11
Helmet Use Unknown	0	0	0	1	0	1	0	0	0	1	0	1	1	0	1
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	426	6	150	398	8	139	396	5	118	382	5	132	402	9	126

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

Age Group	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	1	0	0	0	0	0	3	0	0	2	0	0	1	0	1
16 - 20	25	0	10	20	0	7	17	1	9	34	2	19	13	0	10
21 - 24	22	1	8	24	1	12	16	1	6	16	5	5	24	2	16
25 - 64	133	5	42	113	5	41	99	2	32	126	2	59	113	3	46
65 +	24	4	4	15	1	2	13	1	4	8	3	3	15	0	4
Unknown	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0
Total	206	10	64	172	7	62	148	5	51	187	12	86	167	5	77

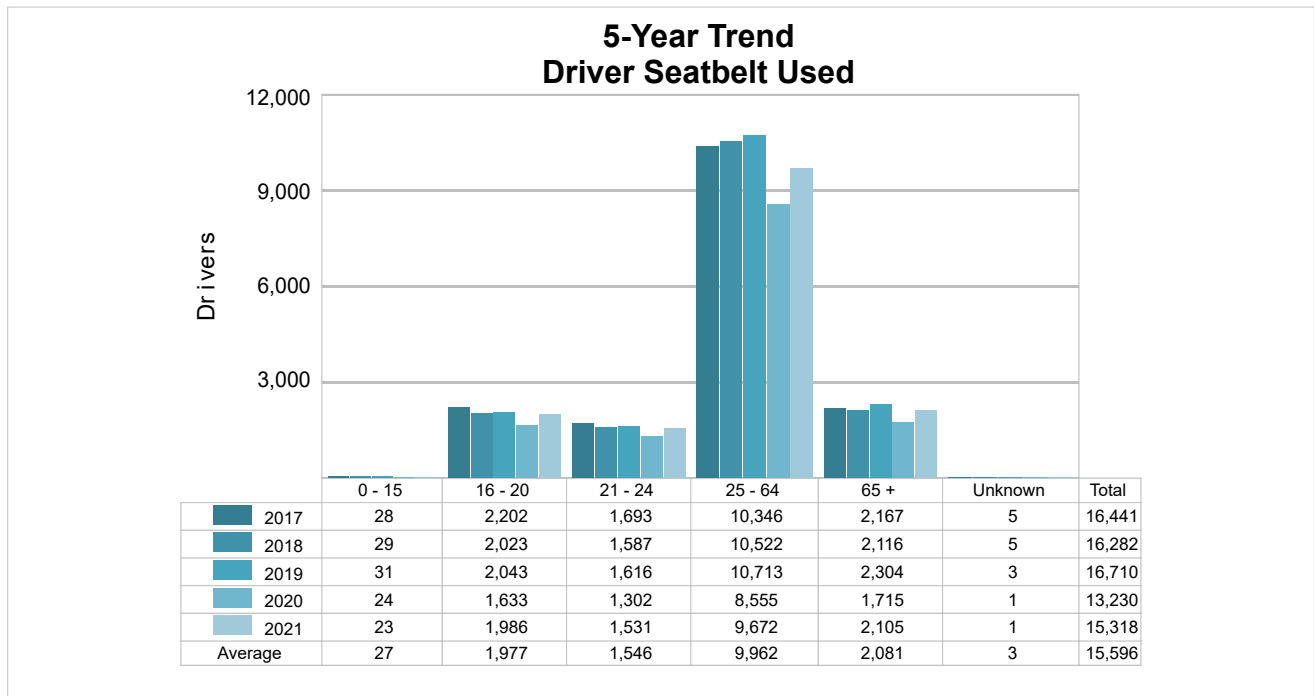
Note: Seatbelt Not Used includes no belts available or no belts used.



5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	28	0	8	29	0	2	31	0	2	24	0	5	23	0	1
16 - 20	2,202	1	240	2,023	2	213	2,043	1	229	1,633	0	154	1,986	2	185
21 - 24	1,693	2	170	1,587	1	174	1,616	0	186	1,302	0	131	1,531	0	164
25 - 64	10,346	6	1,091	10,522	9	1,134	10,713	9	1,168	8,555	2	917	9,672	6	989
65 +	2,167	6	266	2,116	3	257	2,304	5	308	1,715	1	226	2,105	4	266
Unknown	5	0	0	5	0	0	3	0	1	1	0	0	1	0	0
Total	16,441	15	1,775	16,282	15	1,780	16,710	15	1,894	13,230	3	1,433	15,318	12	1,605

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



5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2017		2018		2019		2020		2021	
	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes
None	9,507	34	9,366	32	9,795	23	8,095	19	9,041	23
Speed Too Fast	1,288	3	1,452	8	1,385	4	844	1	1,048	9
Speed Too Slow	22	0	28	0	6	0	7	0	7	0
Failed to Yield	1,669	9	1,704	6	1,677	7	1,448	7	1,722	5
Disregard Traffic Control	474	7	496	6	520	4	495	1	543	2
Drove Wrong Way	15	1	15	1	13	0	9	1	12	0
Drove Left of Center	77	4	79	3	72	5	73	1	73	2
Improper Passing	101	0	86	2	77	1	70	0	88	0
Improper Lane Use	290	0	342	0	359	0	249	1	340	0
Improper Turn	269	0	215	0	250	0	186	0	230	0
Improper/No Signal	19	0	12	0	16	0	10	0	12	0
Improper Backing	283	0	308	0	290	0	252	0	257	0
Unable to Stop in Assured Clear Distance	2,014	1	1,836	4	1,931	0	1,336	1	1,693	3
Other	676	3	620	2	682	3	536	5	658	6
Unknown	608	2	630	6	583	3	604	8	750	7
Reckless Driving	88	4	73	1	71	1	105	2	80	1
Careless/Negligent Driving	656	3	568	4	546	4	529	3	591	2
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	18,056	71	17,830	75	18,273	55	14,848	50	17,145	60

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