



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

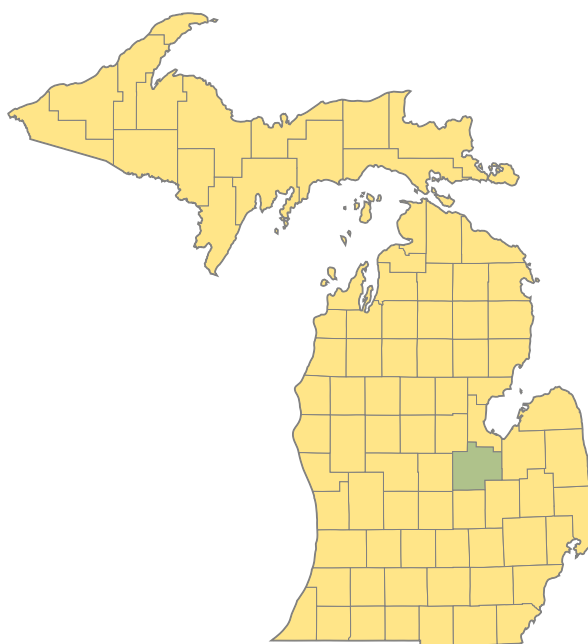
O = No Injury

Property Damage Only (PDO)



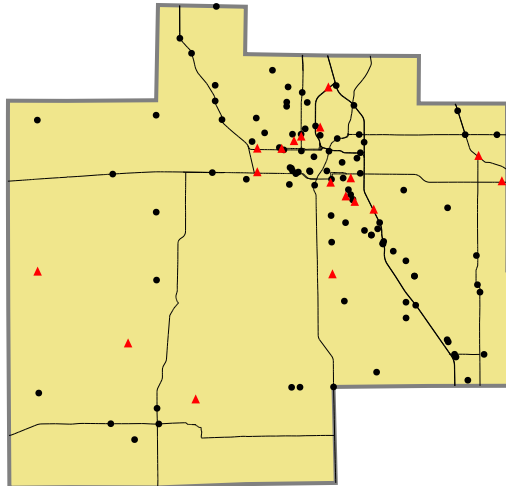
Saginaw County

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



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.



Crashes by most severe injury (mapped/actual)

▲ K - Fatal (18/18)

● A - Suspected Serious (99/100)

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	449	1	69	379	1	105
February	451	2	72	377	2	90
March	351	0	71	280	0	106
April	345	2	66	277	2	97
May	406	3	93	310	3	133
June	429	1	108	320	1	158
July	425	0	98	327	0	147
August	402	2	78	322	2	122
September	447	0	100	347	0	146
October	583	1	102	480	1	146
November	555	2	84	469	2	123
December	585	4	76	505	4	94
Total	5,428	18	1,017	4,393	18	1,467

2021 - Driver Statistics

Age Group	Saginaw County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	35,940	894	15	4.2	167.8
16 - 20	12,745	7,799	1,083	849.7	1,388.6
21 - 24	9,784	8,136	889	908.6	1,092.7
25 - 64	94,656	82,441	5,302	560.1	643.1
65 +	37,414	35,009	1,100	294.0	314.2
Unknown	0	0	640	--	--
Total	190,539	134,279	9,029	473.9	672.4

*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	7,130	79.0	19	67.9	1,524	5,587
Motor Home	15	0.2	0	0.0	2	13
Pickup Truck	1,268	14.0	5	17.9	216	1,047
Small Truck Under 10,000 lbs. GVWR	44	0.5	0	0.0	9	35
Motorcycle	76	0.8	2	7.1	55	19
Moped/Goped	7	0.1	0	0.0	6	1
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)	4	0.0	0	0.0	1	3
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	27	0.3	1	3.6	4	22
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	227	2.5	1	3.6	34	192
Uncoded & Errors	228	2.5	0	0.0	28	200
Total	9,029	100.0	28	100.0	1,881	7,120

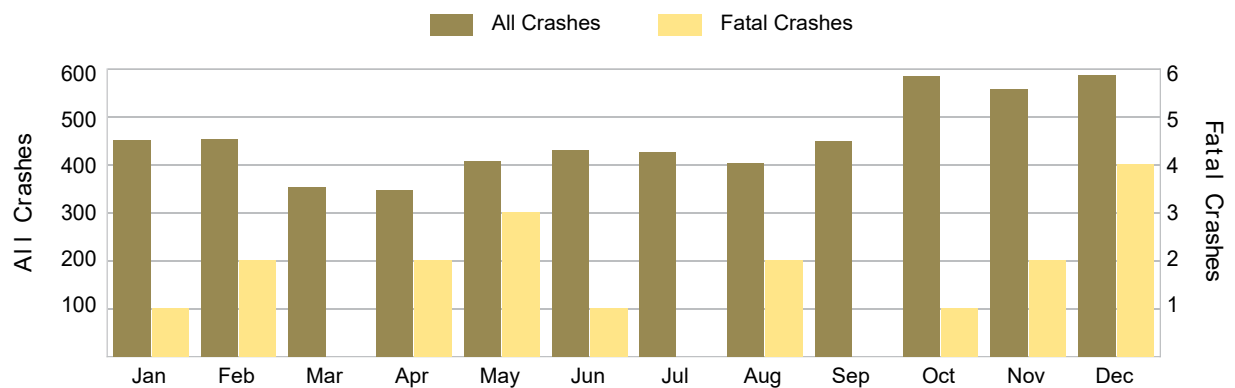
5-Year Trend - Crashes by Month

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	481	1	557	2	508	0	455	0	449	1
February	305	0	458	2	470	1	554	2	451	2
March	472	3	445	0	396	1	265	0	351	0
April	421	1	425	2	404	2	194	1	345	2
May	421	0	391	2	430	4	305	3	406	3
June	386	1	446	0	443	2	409	1	429	1
July	422	4	347	3	339	1	425	0	425	0
August	387	1	379	3	384	1	391	1	402	2
September	403	2	373	4	440	2	410	0	447	0
October	532	3	530	3	563	1	532	2	583	1
November	553	2	586	4	643	2	462	3	555	2
December	762	3	437	0	535	1	396	1	585	4
Total	5,545	21	5,374	25	5,555	18	4,798	14	5,428	18

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	792	1	824	3	791	4	603	3	778	2
Tuesday	877	5	788	2	829	1	692	0	860	1
Wednesday	822	1	789	4	831	1	752	1	818	4
Thursday	882	2	757	3	833	3	784	3	829	2
Friday	832	4	921	3	888	3	769	5	838	2
Saturday	757	5	695	4	742	4	667	1	786	2
Sunday	583	3	600	6	641	2	531	1	519	5
Total	5,545	21	5,374	25	5,555	18	4,798	14	5,428	18

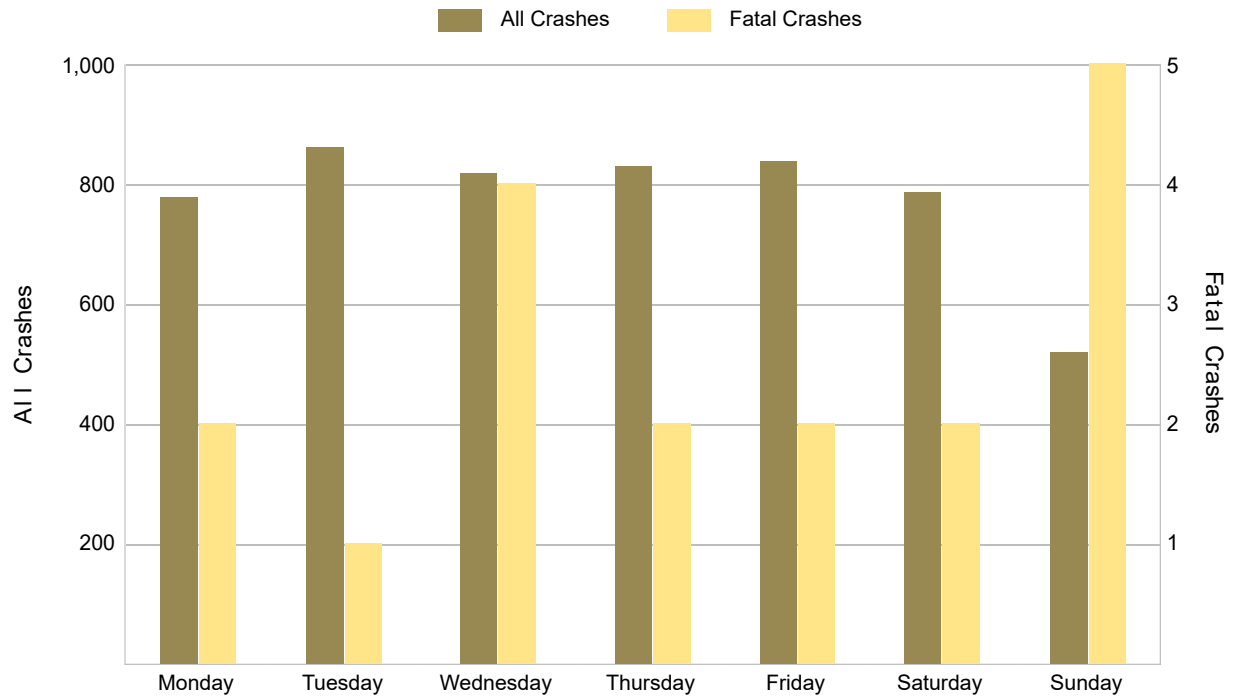
2021 Crashes by Month



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	778	14.3	2	11.1	10	42	80	644
Tuesday	860	15.8	1	5.6	14	30	111	704
Wednesday	818	15.1	4	22.2	18	41	94	661
Thursday	829	15.3	2	11.1	17	30	110	670
Friday	838	15.4	2	11.1	10	45	97	684
Saturday	786	14.5	2	11.1	16	49	89	630
Sunday	519	9.6	5	27.8	15	30	69	400
Total	5,428	100.0	18	100.0	100	267	650	4,393

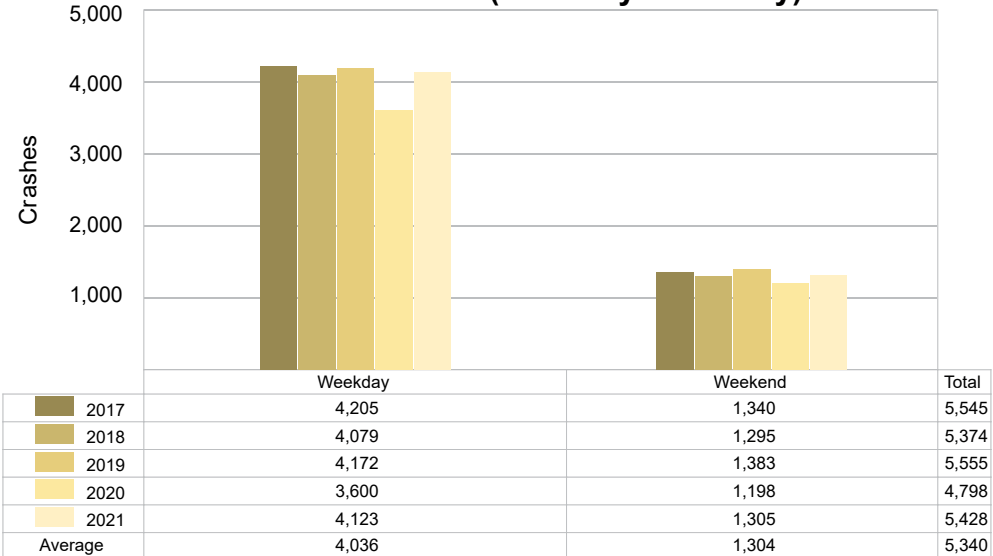
2021 Day of Week and Severity



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	4,205	13	4,079	15	4,172	12	3,600	12	4,123	11
Weekend	1,340	8	1,295	10	1,383	6	1,198	2	1,305	7
Total	5,545	21	5,374	25	5,555	18	4,798	14	5,428	18

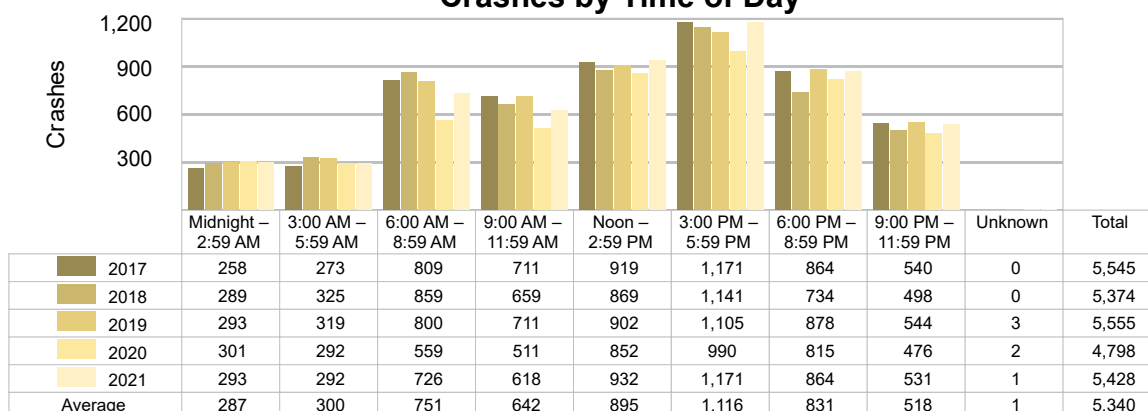
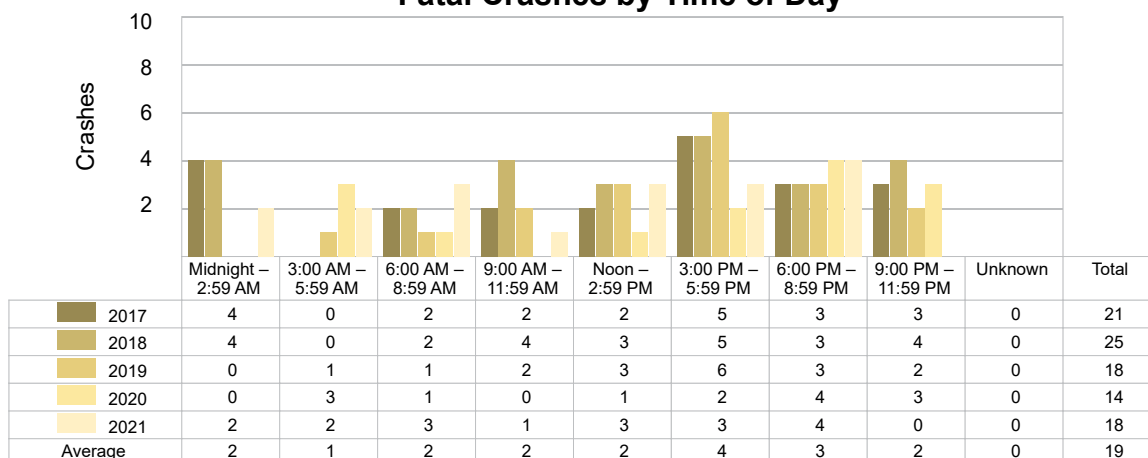
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

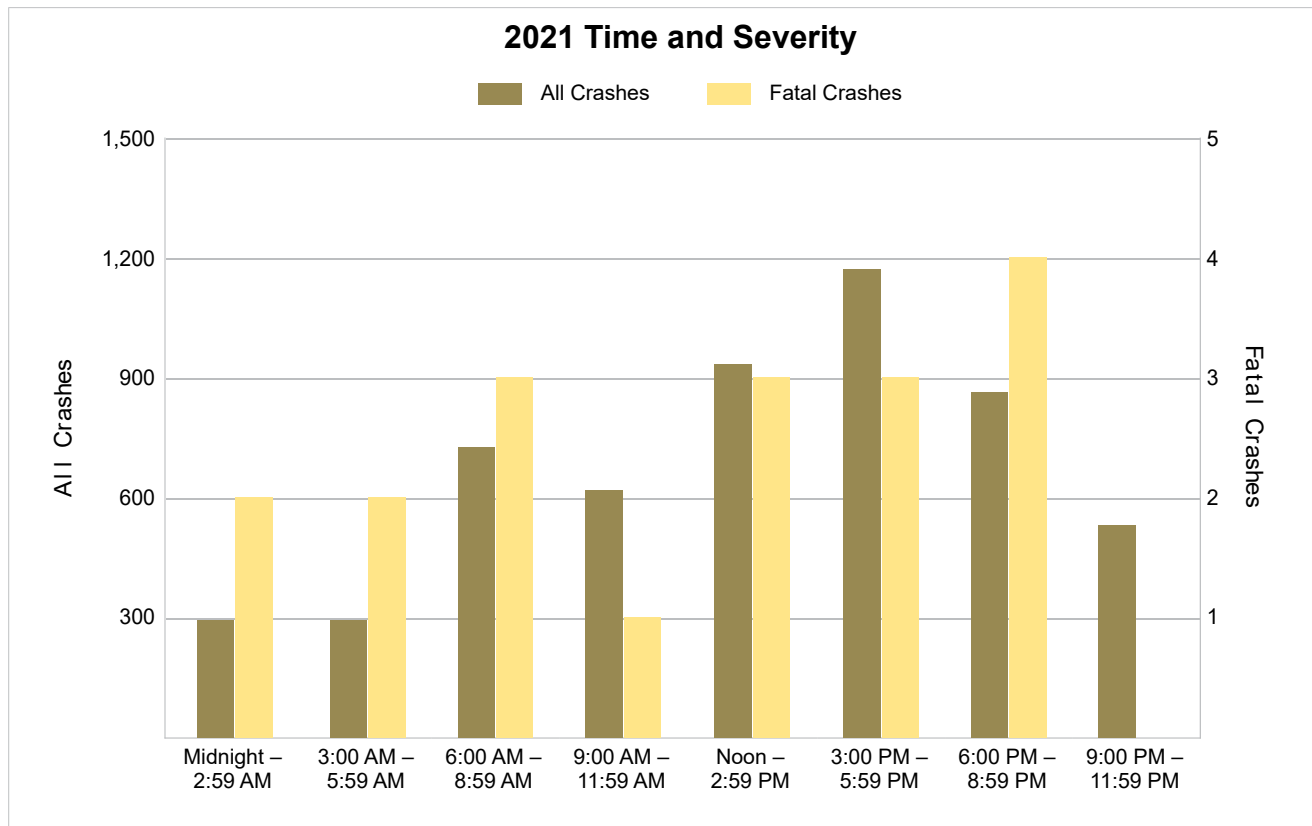
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	258	4	289	4	293	0	301	0	293	2
3:00 AM – 5:59 AM	273	0	325	0	319	1	292	3	292	2
6:00 AM – 8:59 AM	809	2	859	2	800	1	559	1	726	3
9:00 AM – 11:59 AM	711	2	659	4	711	2	511	0	618	1
Noon – 2:59 PM	919	2	869	3	902	3	852	1	932	3
3:00 PM – 5:59 PM	1,171 †	5	1,141 †	5	1,105 †	6	990 †	2	1,171 †	3
6:00 PM – 8:59 PM	864	3	734	3	878	3	815	4	864	4
9:00 PM – 11:59 PM	540	3	498	4	544	2	476	3	531	0
Unknown	0	0	0	0	3	0	2	0	1	0
Total	5,545	21	5,374	25	5,555	18	4,798	14	5,428	18

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 Time of Day5-Year Trend
Fatal Crashes by Time of Day

2021 - Time and Severity

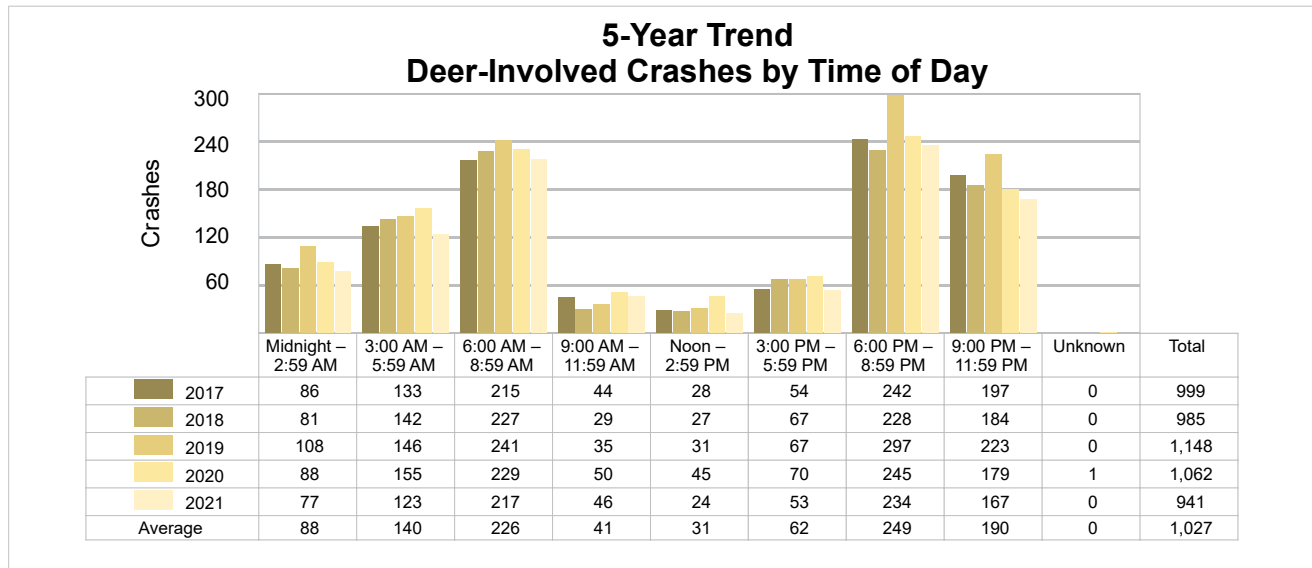
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	293	5.4	2	11.1	6	21	32	232
3:00 AM – 5:59 AM	292	5.4	2	11.1	3	10	25	252
6:00 AM – 8:59 AM	726	13.4	3	16.7	8	21	78	616
9:00 AM – 11:59 AM	618	11.4	1	5.6	6	31	77	503
Noon – 2:59 PM	932	17.2	3	16.7	13	53	130	733
3:00 PM – 5:59 PM	1,171	21.6	3	16.7	21	62	162	923
6:00 PM – 8:59 PM	864	15.9	4	22.2	29	44	92	695
9:00 PM – 11:59 PM	531	9.8	0	0.0	14	25	54	438
Unknown	1	0.0	0	0.0	0	0	0	1
Total	5,428	100.0	18	100.0	100	267	650	4,393



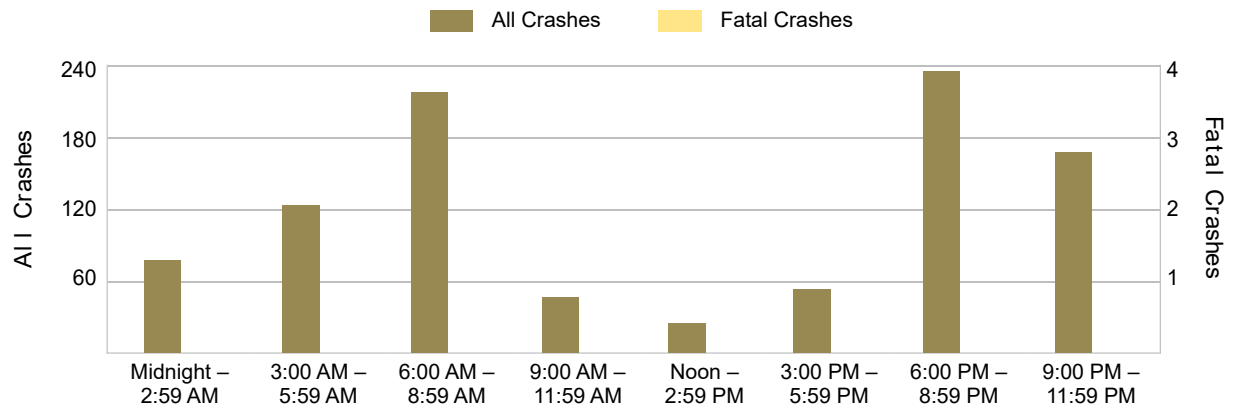
5-Year Trend - Deer-Involved Crashes by Time of Day

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	86	1	81	0	108	0	88	0	77	0
3:00 AM – 5:59 AM	133	0	142	0	146	0	155	0	123	0
6:00 AM – 8:59 AM	215	0	227	0	241	0	229	0	217	0
9:00 AM – 11:59 AM	44	0	29	0	35	0	50	0	46	0
Noon – 2:59 PM	28	0	27	0	31	0	45	0	24	0
3:00 PM – 5:59 PM	54	0	67	0	67	0	70	0	53	0
6:00 PM – 8:59 PM	242 †	0	228 †	0	297 †	1	245 †	0	234 †	0
9:00 PM – 11:59 PM	197	0	184	0	223	0	179	0	167	0
Unknown	0	0	0	0	0	0	1	0	0	0
Total	999	1	985	0	1,148	1	1,062	0	941	0

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



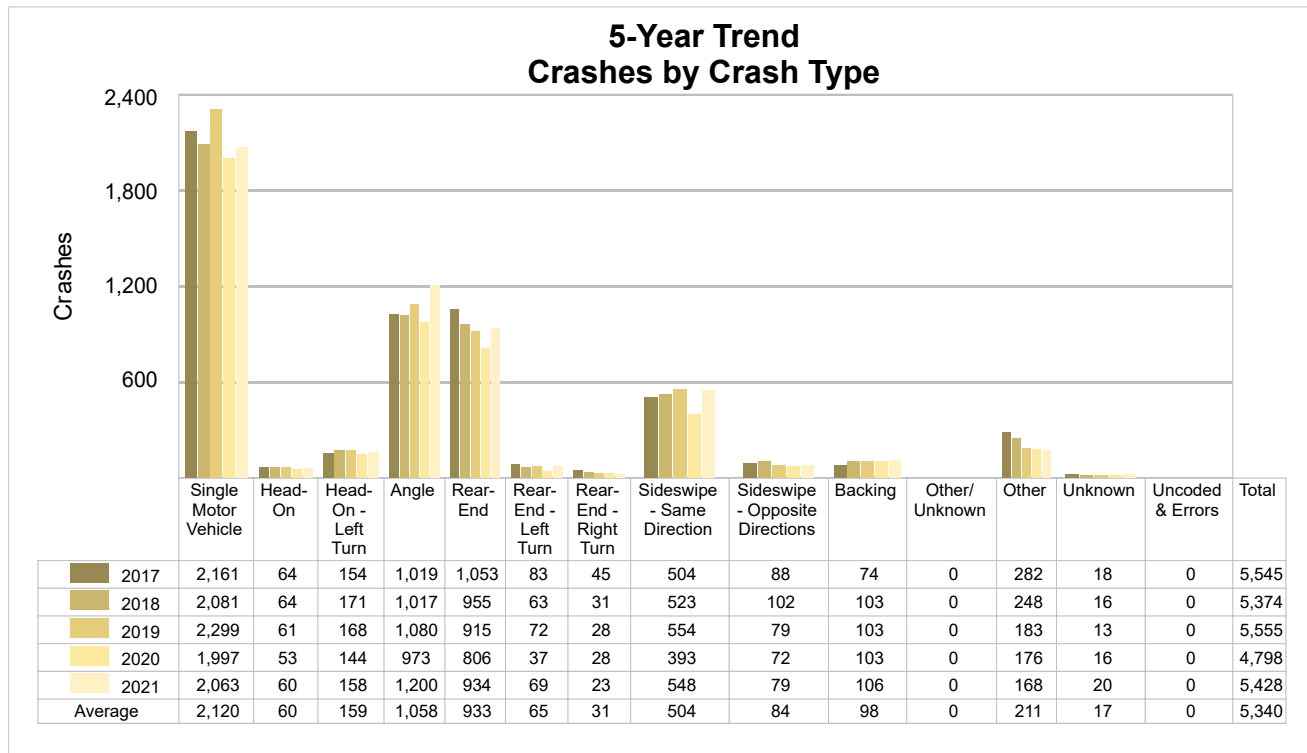
2021 Time and Severity of Deer-Involved Crashes



There were no fatal deer-involved crashes in Saginaw County in 2021.

5-Year Trend - Crashes by Crash Type

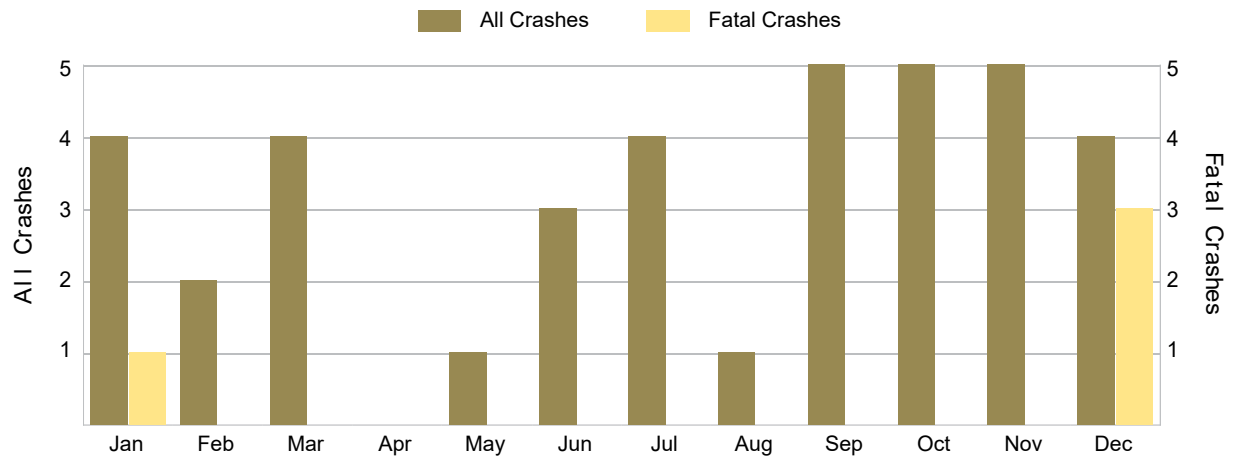
Crash Type	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single Motor Vehicle	2,161	8	2,081	9	2,299	7	1,997	10	2,063	10
Head-On	64	2	64	5	61	3	53	0	60	1
Head-On - Left Turn	154	1	171	0	168	0	144	1	158	0
Angle	1,019	8	1,017	9	1,080	8	973	2	1,200	2
Rear-End	1,053	0	955	1	915	0	806	0	934	2
Rear-End - Left Turn	83	1	63	0	72	0	37	0	69	0
Rear-End - Right Turn	45	0	31	0	28	0	28	0	23	0
Sideswipe - Same Direction	504	0	523	0	554	0	393	0	548	1
Sideswipe - Opposite Directions	88	0	102	0	79	0	72	0	79	0
Backing	74	0	103	0	103	0	103	0	106	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	282	1	248	1	183	0	176	0	168	2
Unknown	18	0	16	0	13	0	16	1	20	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	5,545	21	5,374	25	5,555	18	4,798	14	5,428	18



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	4	0	2	1	1	0	2	0	4	1
February	5	0	1	0	2	1	1	0	2	0
March	1	0	2	0	3	0	1	0	4	0
April	3	0	0	0	4	0	0	0	0	0
May	2	0	4	0	3	1	2	2	1	0
June	5	0	2	0	1	0	3	0	3	0
July	2	0	1	0	5	0	2	0	4	0
August	1	0	1	1	3	0	1	0	1	0
September	6	0	3	0	6	0	0	0	5	0
October	3	1	2	0	3	0	2	0	5	0
November	3	0	3	0	2	0	6	1	5	0
December	1	1	3	0	4	0	2	0	4	3
Total	36	2	24	2	37	2	22	3	38	4

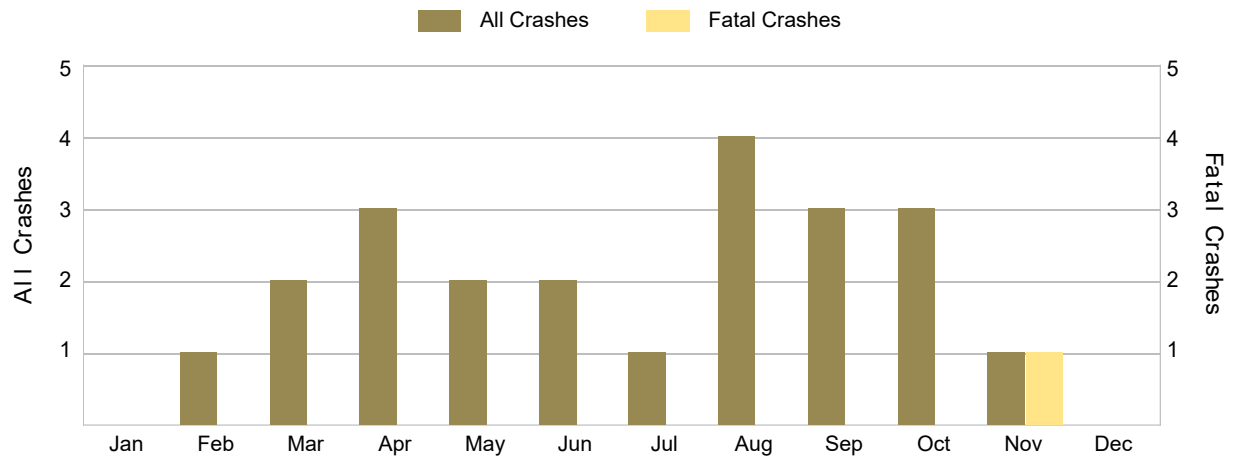
2021 Pedestrian-Involved Crashes by Month



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	1	0	0	0	0	0	0	0
February	1	0	1	1	0	0	0	0	1	0
March	1	0	0	0	1	0	0	0	2	0
April	1	0	2	0	0	0	0	0	3	0
May	3	0	0	0	7	0	2	0	2	0
June	6	0	0	0	2	0	4	0	2	0
July	5	0	2	0	3	0	0	0	1	0
August	2	0	7	0	2	0	1	0	4	0
September	3	0	5	1	1	0	2	0	3	0
October	2	0	2	0	1	0	1	0	3	0
November	2	0	0	0	1	0	2	0	1	1
December	0	0	2	0	1	0	0	0	0	0
Total	27	0	22	2	19	0	12	0	22	1

2021 Bicyclist-Involved Crashes by Month



2021 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes												
	Total	Fatal	Injury	Property Damage	Inter-State	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Pedestrian-Involved	Bicyclist-Involved
Albee Twp.	27	0	4	23	0	0	10	17	3	1	11	0	0
Birch Run	0	0	0	0	0	0	0	0	0	0	0	0	0
Birch Run Twp.	311	0	63	248	69	0	104	136	14	4	46	2	4
Blumfield Twp.	58	2	14	42	0	0	43	15	2	2	8	1	0
Brady Twp.	56	0	5	51	0	0	36	20	1	0	39	0	0
Brant Twp.	49	1	6	42	0	0	0	49	6	2	33	0	0
Bridgeport Twp.	341	3	78	260	125	0	0	214	12	6	52	3	1
Buena Vista Twp.	411	1	87	323	161	0	98	150	16	5	20	3	1
Carrollton Twp.	65	1	10	54	10	0	0	55	3	0	0	0	2
Chapin Twp.	33	0	4	29	0	0	19	14	1	0	25	0	0
Chesaning	0	0	0	0	0	0	0	0	0	0	0	0	0
Chesaning Twp.	96	1	12	83	0	0	56	39	3	4	37	0	0
Frankenmuth	74	0	11	63	0	0	51	23	0	0	0	2	0
Frankenmuth Twp.	58	0	14	44	0	0	9	49	4	3	22	1	1
Fremont Twp.	73	0	7	66	0	0	0	73	3	0	53	0	0
James Twp.	40	0	3	37	0	0	0	40	4	0	17	0	0
Jonesfield Twp.	48	0	7	41	0	0	15	33	1	0	30	1	0
Kochville Twp.	229	1	36	192	29	0	91	104	4	1	34	1	0
Lakefield Twp.	54	1	4	49	0	0	0	54	1	0	35	1	0
Maple Grove Twp.	64	0	9	55	0	0	26	38	3	1	35	0	0
Marion Twp.	35	0	3	32	0	0	0	35	1	1	26	0	0
Merrill	0	0	0	0	0	0	0	0	0	0	0	0	0
Oakley	0	0	0	0	0	0	0	0	0	0	0	0	0
Reese	0	0	0	0	0	0	0	0	0	0	0	0	0
Richland Twp.	115	0	16	99	0	0	48	67	3	0	55	0	0
Saginaw	1,457	3	293	1,161	30	0	565	856	60	21	11	18	7
Saginaw Twp.	893	4	204	685	23	0	450	419	34	7	61	4	5
Spaulding Twp.	63	0	15	48	0	0	26	37	7	2	16	1	0
St. Charles	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Charles Twp.	83	0	7	76	0	0	30	53	4	2	40	0	0
Swan Creek Twp.	68	0	9	59	0	0	46	22	3	1	38	0	0
Taymouth Twp.	105	0	16	89	27	0	13	64	12	2	35	0	0
Thomas Twp.	245	0	32	213	0	0	98	147	8	2	81	0	1
Tittabawassee Twp.	215	0	38	177	0	0	102	111	1	0	76	0	0
Zilwaukee	36	0	4	32	23	0	0	13	2	0	2	0	0
Zilwaukee Twp.	26	0	6	20	17	0	4	4	3	2	3	0	0
Total	5,428	18	1,017	4,393	514	0	1,940	2,951	219	69	941	38	22

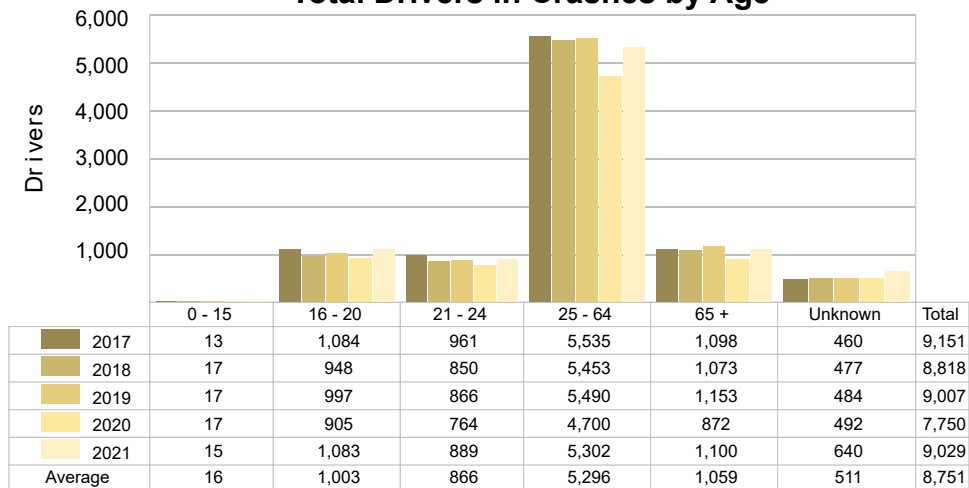
2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Albee Twp.	0	0	3	4	37	2
Birch Run	0	0	0	0	0	0
Birch Run Twp.	0	19	46	111	558	21
Blumfield Twp.	2	6	11	13	80	3
Brady Twp.	0	3	0	6	66	3
Brant Twp.	1	0	6	3	46	3
Bridgeport Twp.	3	32	68	84	508	43
Buena Vista Twp.	1	20	37	177	702	64
Carrollton Twp.	1	2	4	25	115	13
Chapin Twp.	0	0	7	1	37	1
Chesaning	0	0	0	0	0	0
Chesaning Twp.	1	8	5	14	131	4
Frankenmuth	0	5	12	13	158	8
Frankenmuth Twp.	0	4	5	15	65	2
Fremont Twp.	0	2	5	3	74	4
James Twp.	0	0	4	0	53	1
Jonesfield Twp.	0	4	9	7	53	1
Kochville Twp.	1	13	30	59	412	19
Lakefield Twp.	1	0	8	2	63	1
Maple Grove Twp.	0	6	9	8	86	1
Marion Twp.	0	1	1	3	38	3
Merrill	0	0	0	0	0	0
Oakley	0	0	0	0	0	0
Reese	0	0	0	0	0	0
Richland Twp.	0	3	14	29	175	3
Saginaw	3	41	165	605	2,577	315
Saginaw Twp.	4	29	146	418	1,831	84
Spaulding Twp.	0	5	11	24	88	12
St. Charles	0	0	0	0	0	0
St. Charles Twp.	0	0	4	8	98	2
Swan Creek Twp.	0	2	7	8	87	5
Taymouth Twp.	0	15	31	9	157	5
Thomas Twp.	0	5	21	31	330	14
Tittabawassee Twp.	0	15	22	69	346	19
Zilwaukee	0	0	6	3	51	0
Zilwaukee Twp.	0	4	0	6	38	3
Total	18	244	697	1,758	9,060	659

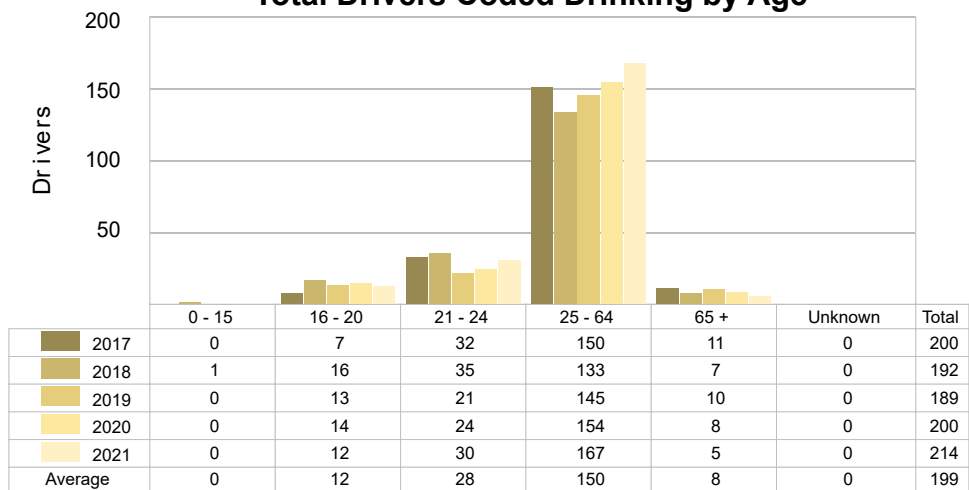
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	13	0	17	1	17	0	17	0	15	0
16 - 20	1,084	7	948	16	997	13	905	14	1,083	12
21 - 24	961	32	850	35	866	21	764	24	889	30
25 - 64	5,535	150	5,453	133	5,490	145	4,700	154	5,302	167
65 +	1,098	11	1,073	7	1,153	10	872	8	1,100	5
Unknown	460	0	477	0	484	0	492	0	640	0
Total	9,151	200	8,818	192	9,007	189	7,750	200	9,029	214

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	21	17	11	12	0	1	4	4	3
21 - 24	43	35	24	30	0	0	7	5	18
25 - 64	216	181	146	167	0	8	43	45	71
65 +	13	6	4	5	0	0	0	0	5
Unknown	22	0	0	0	0	0	0	0	0
Total	315	239	185	214	0	9	54	54	97

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).

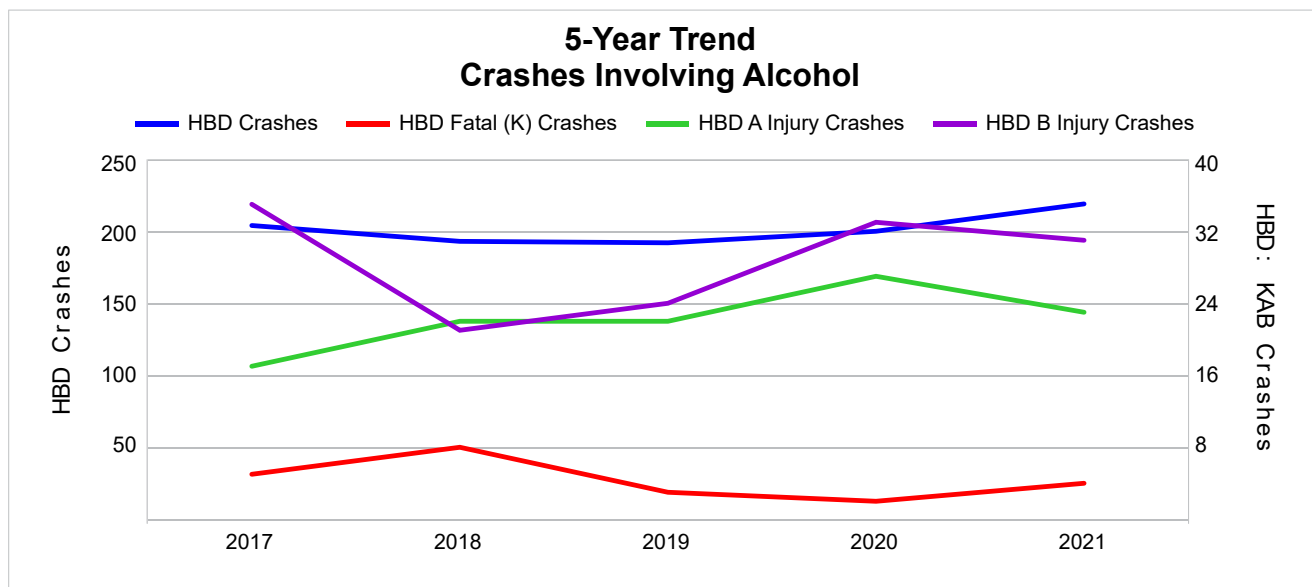
A driver may be coded by the officer as drinking even though no test is administered.

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	5,545	204	3.7	21	5	23.8	86	17	19.8	268	35	13.1
2018	5,374	193	3.6	25	8	32.0	90	22	24.4	220	21	9.5
2019	5,555	192	3.5	18	3	16.7	88	22	25.0	241	24	10.0
2020	4,798	200	4.2	14	2	14.3	100	27	27.0	244	33	13.5
2021	5,428	219 **	4.0	18	4	22.2	100	23	23.0	267	31	11.6

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.



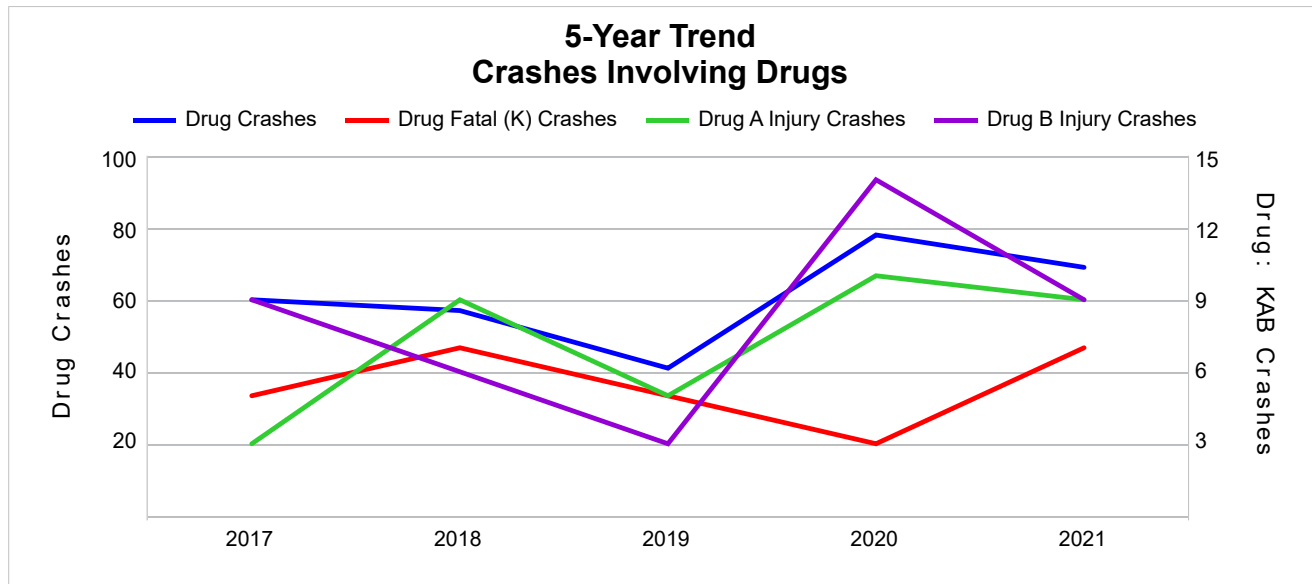
Note: Had-Been-Drinking (HBD)

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	5,545	60	1.1	21	5	23.8	86	3	3.5	268	9	3.4
2018	5,374	57	1.1	25	7	28.0	90	9	10.0	220	6	2.7
2019	5,555	41	0.7	18	5	27.8	88	5	5.7	241	3	1.2
2020	4,798	78	1.6	14	3	21.4	100	10	10.0	244	14	5.7
2021	5,428	69	1.3	18	7	38.9**	100	9	9.0	267	9	3.4

Note: * Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column.

** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column.

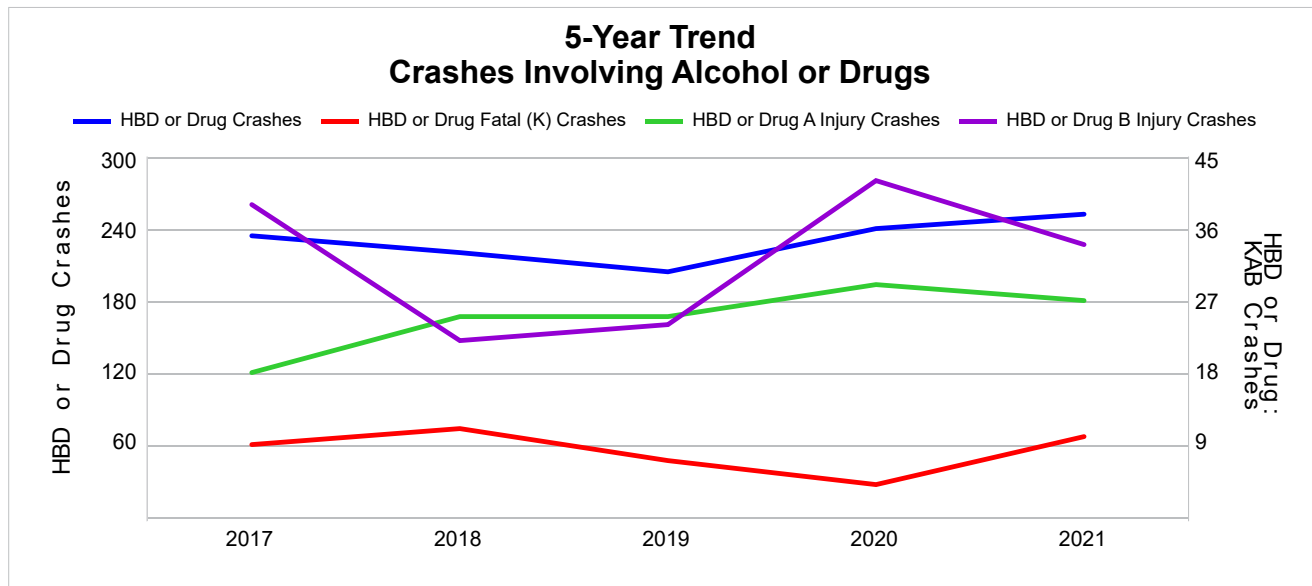


5-Year Trend - Crashes Involving Alcohol or Drugs

Year	All Crashes	HBD or Drug Crashes	% HBD or Drug	Fatal Crashes	HBD or Drug Fatal Crashes	% HBD or Drug	A Injury Crashes	HBD or Drug A Injury Crashes	% HBD or Drug	B Injury Crashes	HBD or Drug B Injury Crashes	% HBD or Drug
2017	5,545	234	4.2	21	9	42.9	86	18	20.9	268	39	14.6
2018	5,374	220	4.1	25	11	44.0	90	25	27.8	220	22	10.0
2019	5,555	204	3.7	18	7	38.9	88	25	28.4	241	24	10.0
2020	4,798	240	5.0	14	4	28.6	100	29	29.0	244	42	17.2
2021	5,428	252 **	4.6	18	10	55.6 **	100	27	27.0	267	34	12.7

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)

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	7,457	6,827	91.6	11	5	45.5	86	63	73.3	275	239	86.9	826	764	92.5	5,907	5,756	97.4
Motor Home	20	18	90.0	0	0	0.0	0	0	0.0	2	2	100.0	4	3	75.0	13	13	100.0
Pickup Truck	1,297	1,199	92.4	0	0	0.0	8	7	87.5	25	21	84.0	92	85	92.4	1,120	1,086	97.0
Small Truck Under 10,000 lbs. GVWR	45	39	86.7	0	0	0.0	2	2	100.0	0	0	0.0	2	2	100.0	38	35	92.1
Motorcycle	88	46	52.3	2	0	0.0	13	7	53.8	34	17	50.0	16	8	50.0	19	14	73.7
Moped/Goped	7	2	28.6	0	0	0.0	0	0	0.0	3	0	0.0	3	2	66.7	0	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)	6	0	0.0	0	0	0.0	2	0	0.0	1	0	0.0	0	0	0.0	2	0	0.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	27	20	74.1	0	0	0.0	0	0	0.0	1	1	100.0	1	1	100.0	19	18	94.7
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	233	214	91.8	0	0	0.0	1	1	100.0	6	5	83.3	13	9	69.2	203	199	98.0
Uncoded & Errors	228	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	9,412	8,366	88.9	13	5	38.5	112	80	71.4	349	285	81.7	957	874	91.3	7,323	7,122	97.3

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	115	96	83.5	0	0	0.0	5	5	100.0	18	16	88.9	78	65	83.3	12	10	83.3
16 - 20	1,144	1,107	96.8	2	1	50.0	13	9	69.2	50	44	88.0	120	109	90.8	958	944	98.5
21 - 24	922	866	93.9	1	0	0.0	19	11	57.9	33	25	75.8	90	77	85.6	777	753	96.9
25 - 64	5,448	5,172	94.9	10	4	40.0	67	47	70.1	195	150	76.9	541	496	91.7	4,621	4,475	96.8
65 +	1,143	1,124	98.3	0	0	0.0	8	8	100.0	53	50	94.3	128	127	99.2	953	939	98.5
Unknown	640	1	0.2	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	1	50.0
Total	9,412	8,366	88.9	13	5	38.5	112	80	71.4	349	285	81.7	957	874	91.3	7,323	7,122	97.3

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	19	0	1	14	0	4	19	0	0	25	0	7	25	0	5
Shoulder Belt Only Used	73	0	7	46	0	7	79	0	9	36	0	7	39	0	5
Lap Belt Only Used	61	0	5	52	0	8	43	0	6	21	0	1	28	0	2
Both Lap & Shoulder Belt Used	8,131	6	863	7,887	8	905	8,065	6	900	6,771	1	715	7,935	5	884
No Belts Used	119	7	39	90	5	34	83	1	34	88	3	47	81	2	45
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	8	0	3	4	0	1	6	0	0	4	0	0	2	0	1
Restraint Use Unknown	679	0	43	668	3	28	649	0	23	743	1	38	838	2	37
Helmet Worn	36	1	28	30	0	22	33	0	23	28	0	20	42	0	27
Helmet Not Worn	25	2	17	23	0	17	27	1	18	26	3	17	31	1	24
Helmet Use Unknown	0	0	0	4	0	2	3	1	1	8	0	5	8	0	8
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	9,151	16	1,006	8,818	16	1,028	9,007	9	1,014	7,750	8	857	9,029	10	1,038

5-Year Trend - Restraint Use Among Drivers Coded Drinking

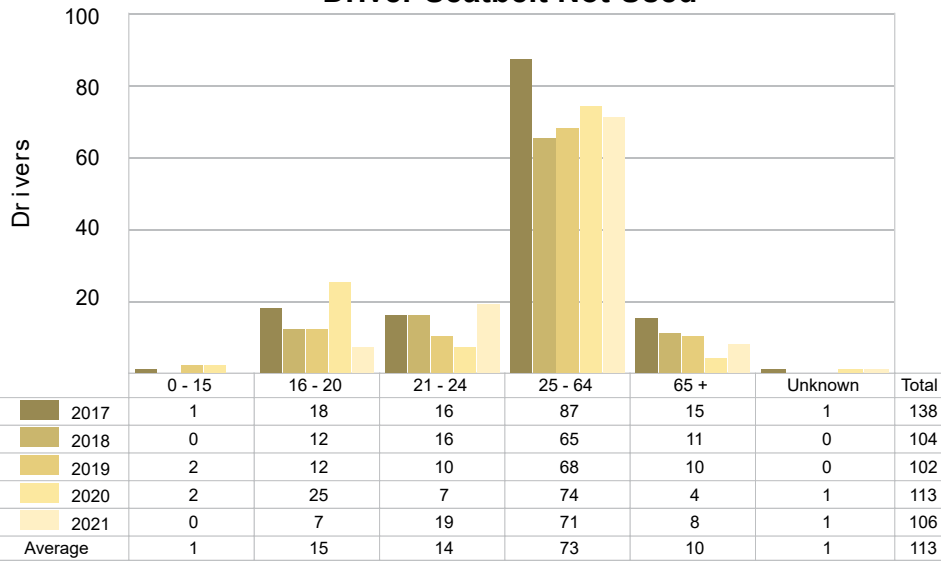
Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1
Shoulder Belt Only Used	4	0	2	2	0	0	3	0	0	1	0	0	1	0	0
Lap Belt Only Used	0	0	0	1	0	1	3	0	2	1	0	0	0	0	0
Both Lap & Shoulder Belt Used	131	0	43	138	2	49	132	1	39	134	0	35	156	2	40
No Belts Used	18	3	13	11	2	7	13	0	12	20	1	17	15	1	11
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	1	0	0	0	0	0	0	0	0
Restraint Use Unknown	41	0	15	37	0	10	34	0	9	36	0	11	30	0	8
Helmet Worn	2	0	2	1	0	1	0	0	0	1	0	1	0	0	0
Helmet Not Worn	4	0	3	1	0	1	3	0	3	6	1	4	8	1	6
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	200	3	78	192	4	70	189	1	65	200	2	69	214	4	67

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	2	0	0	2	0	0	0	0	0
16 - 20	18	0	7	12	0	4	12	0	6	25	0	15	7	0	6
21 - 24	16	1	6	16	1	9	10	0	5	7	1	3	19	1	14
25 - 64	87	5	26	65	3	23	68	1	20	74	0	35	71	1	29
65 +	15	1	1	11	1	2	10	0	3	4	2	1	8	0	1
Unknown	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0
Total	138	7	40	104	5	38	102	1	34	113	3	54	106	2	50

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

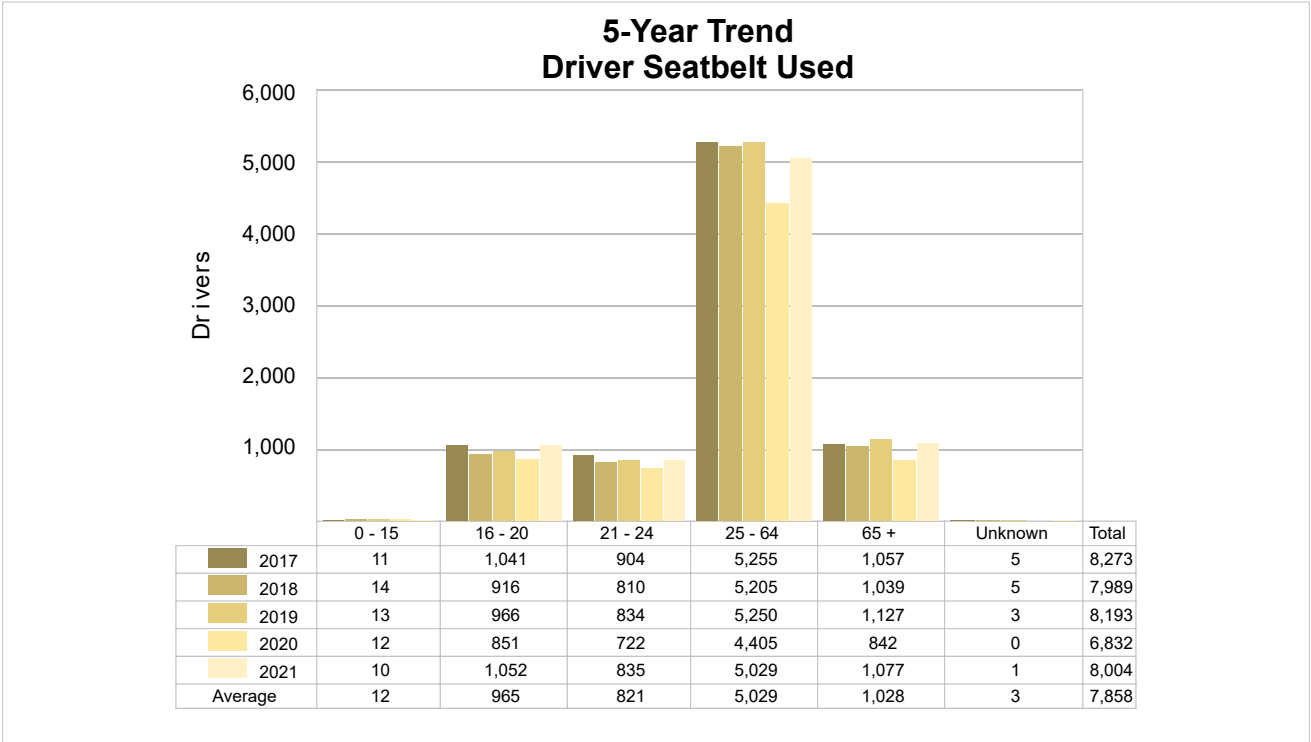
5-Year Trend Driver Seatbelt Not Used



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	11	0	3	14	0	2	13	0	1	12	0	2	10	0	1
16 - 20	1,041	0	106	916	2	97	966	0	95	851	0	74	1,052	1	107
21 - 24	904	0	86	810	1	98	834	0	98	722	0	79	835	0	83
25 - 64	5,255	2	553	5,205	4	593	5,250	3	582	4,405	1	456	5,029	4	562
65 +	1,057	4	130	1,039	1	131	1,127	3	138	842	0	112	1,077	0	139
Unknown	5	0	0	5	0	0	3	0	1	0	0	0	1	0	0
Total	8,273	6	878	7,989	8	921	8,193	6	915	6,832	1	723	8,004	5	892

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	4,722	16	4,536	18	4,746	12	4,114	9	4,618	10
Speed Too Fast	617	2	702	1	700	3	431	0	553	4
Speed Too Slow	14	0	19	0	3	0	2	0	3	0
Failed to Yield	873	4	864	3	861	3	772	4	942	1
Disregard Traffic Control	272	4	287	6	320	4	318	0	354	1
Drove Wrong Way	7	0	8	1	12	0	7	0	8	0
Drove Left of Center	50	3	52	3	51	3	39	0	46	1
Improper Passing	53	0	51	1	44	0	46	0	51	0
Improper Lane Use	148	0	154	0	180	0	130	0	184	0
Improper Turn	161	0	119	0	131	0	110	0	131	0
Improper/No Signal	12	0	6	0	11	0	5	0	4	0
Improper Backing	106	0	108	0	111	0	105	0	99	0
Unable to Stop in Assured Clear Distance	1,044	1	887	3	966	0	736	0	930	3
Other	388	2	323	2	300	1	271	1	327	2
Unknown	317	1	334	2	297	2	320	5	415	4
Reckless Driving	46	2	55	0	46	0	64	1	59	1
Careless/Negligent Driving	321	1	313	3	228	1	280	0	305	1
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	9,151	36	8,818	43	9,007	29	7,750	20	9,029	28

Office of Highway Safety Planning

Physical Address:
7150 Harris Drive
Dimondale, Michigan 48821

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

Find us on the web:
MichiganTrafficCrashFacts.org
mtcf-info@umich.edu

