



2023

Michigan Traffic Crash Facts

MTCF
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

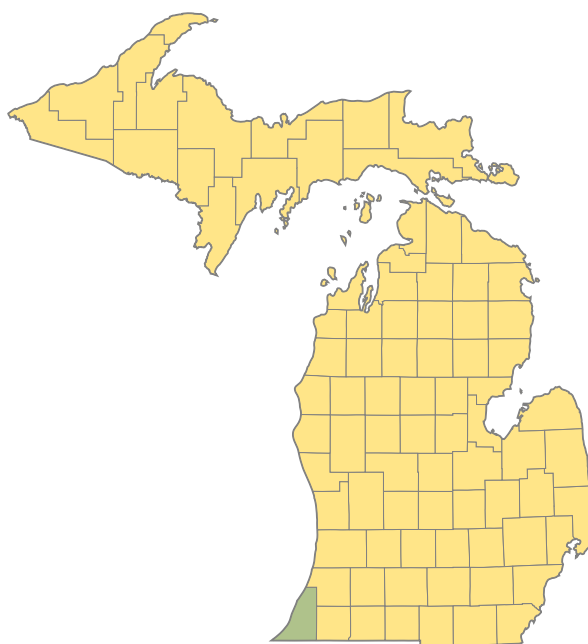
O = No Injury

Property Damage Only (PDO)



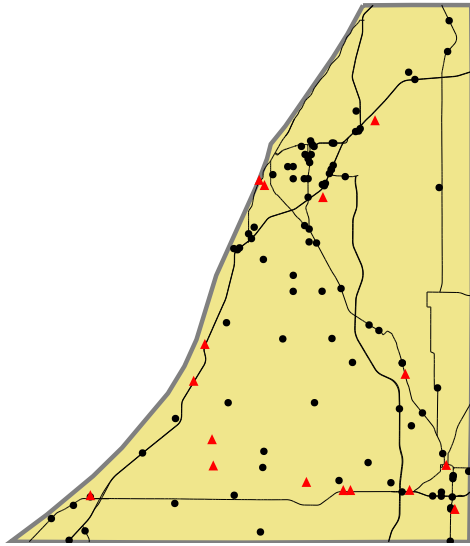
Berrien County

2023 Traffic Crash Data & 2019-2023 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.



2023 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	355	3	54	298	5	72
February	276	1	42	233	1	60
March	341	1	55	285	1	78
April	294	1	55	238	1	83
May	372	1	92	279	1	118
June	340	1	80	259	1	120
July	336	2	78	256	2	111
August	351	1	62	288	1	89
September	352	1	76	275	1	106
October	527	1	73	453	1	99
November	509	3	61	445	3	84
December	402	0	71	331	0	102
Total	4,455	16	799	3,640	18	1,122

2023 - Driver Statistics

Age Group	Berrien County			Driver Rates	
	2023 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	28,121	622	12	4.3	192.9
16 - 17	4,060	2,184	236	581.3	1,080.6
18 - 24	12,123	9,901	976	805.1	985.8
25 - 44	35,334	32,018	2,396	678.1	748.3
45 - 64	39,114	35,939	1,729	442.0	481.1
65 +	33,509	33,077	939	280.2	283.9
Unknown	0	0	477	--	--
Total	152,261	113,741	6,765	444.3	594.8

2023 - 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	5,381	79.5	12	54.5	1,039	4,330
Motor Home	4	0.1	0	0.0	3	1
Pickup Truck	766	11.3	2	9.1	137	627
Small Truck Under 10,000 lbs. GVWR	38	0.6	0	0.0	7	31
Motorcycle	59	0.9	3	13.6	47	9
Moped/Goped	6	0.1	0	0.0	5	1
Go-Cart/Golf Cart	0	0.0	0	0.0	0	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	2	0.0	0	0.0	1	1
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	28	0.4	0	0.0	4	24
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	287	4.2	5	22.7	58	224
Uncoded & Errors	194	2.9	0	0.0	19	175
Total	6,765	100.0	22	100.0	1,320	5,423

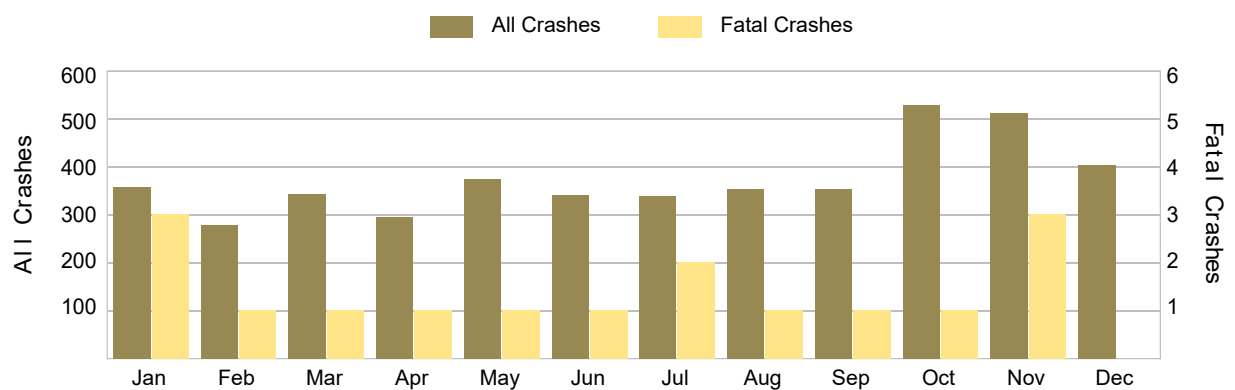
5-Year Trend - Crashes by Month

Month	2019		2020		2021		2022		2023	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	582	3	385	1	406	0	438	1	355	3
February	379	0	418	0	348	1	474	1	276	1
March	330	2	231	0	282	2	291	1	341	1
April	344	2	136	0	297	2	259	0	294	1
May	363	3	221	1	334	2	383	3	372	1
June	360	0	310	0	350	2	332	1	340	1
July	360	1	324	5	359	4	364	3	336	2
August	328	4	363	2	309	5	334	1	351	1
September	307	2	312	0	339	1	312	2	352	1
October	445	4	418	0	450	2	476	0	527	1
November	532	2	433	3	513	3	560	0	509	3
December	368	1	350	0	398	0	572	0	402	0
Total	4,698	24	3,901	12	4,385	24	4,795	13	4,455	16

5-Year Trend - Crashes by Day of Week

Day	2019		2020		2021		2022		2023	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	712	3	566	3	636	5	663	0	651	3
Tuesday	772	1	534	1	661	3	568	1	669	2
Wednesday	648	4	602	3	589	3	719	3	626	3
Thursday	593	1	611	1	624	3	698	0	657	2
Friday	743	5	614	0	718	4	939	3	751	2
Saturday	597	4	522	2	605	4	644	2	590	0
Sunday	633	6	452	2	552	2	564	4	511	4
Total	4,698	24	3,901	12	4,385	24	4,795	13	4,455	16

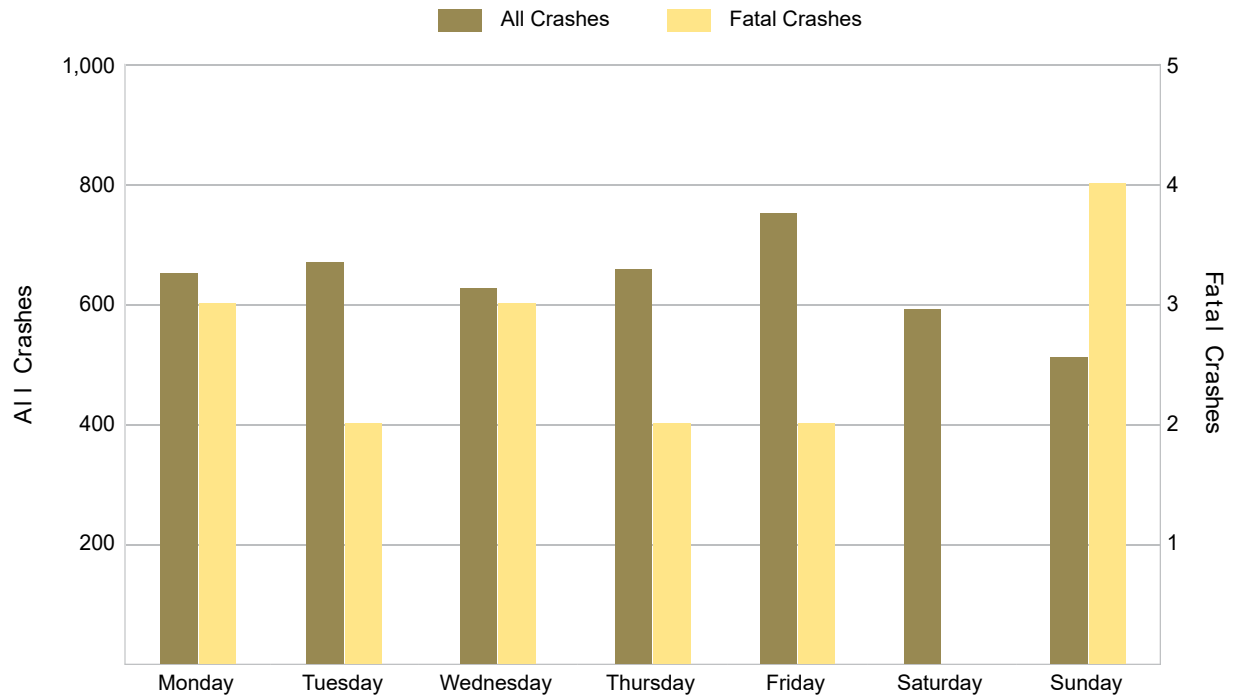
2023 Crashes by Month



2023 - 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	651	14.6	3	18.8	12	47	63	526
Tuesday	669	15.0	2	12.5	14	29	62	562
Wednesday	626	14.1	3	18.8	10	32	60	521
Thursday	657	14.7	2	12.5	17	31	62	545
Friday	751	16.9	2	12.5	13	39	104	593
Saturday	590	13.2	0	0.0	14	38	65	473
Sunday	511	11.5	4	25.0	11	22	54	420
Total	4,455	100.0	16	100.0	91	238	470	3,640

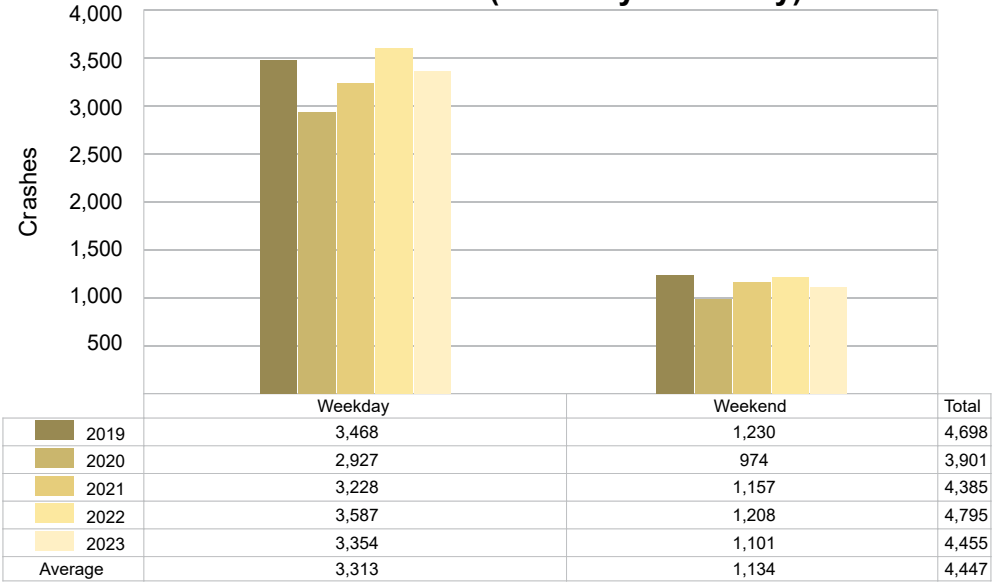
2023 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2019		2020		2021		2022		2023	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	3,468	14	2,927	8	3,228	18	3,587	7	3,354	12
Weekend	1,230	10	974	4	1,157	6	1,208	6	1,101	4
Total	4,698	24	3,901	12	4,385	24	4,795	13	4,455	16

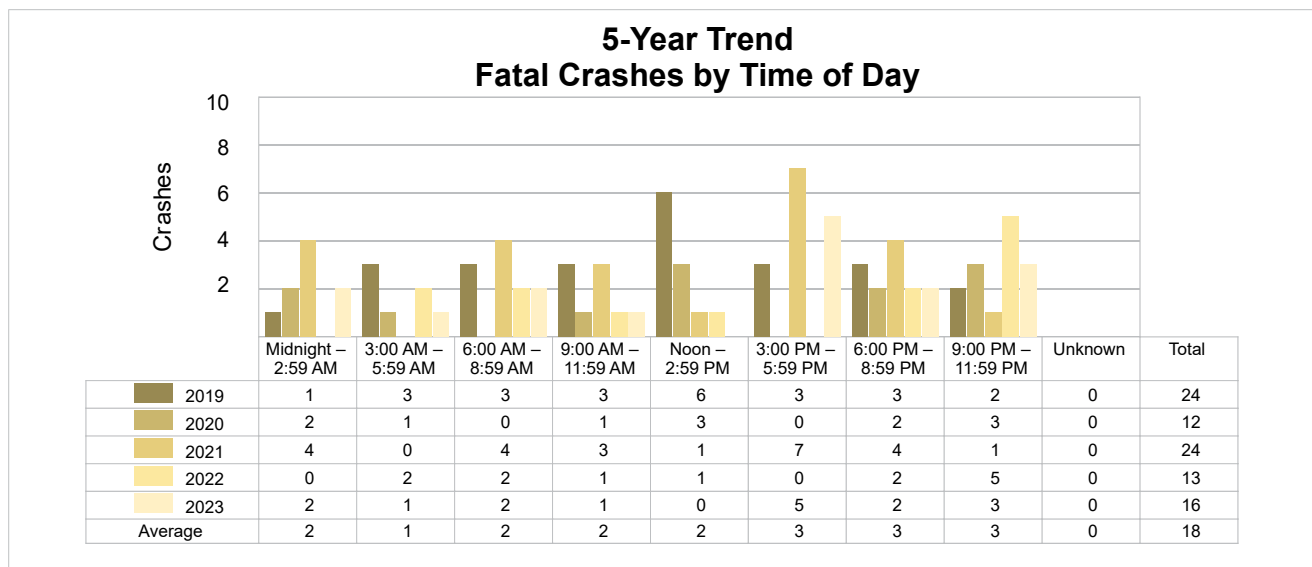
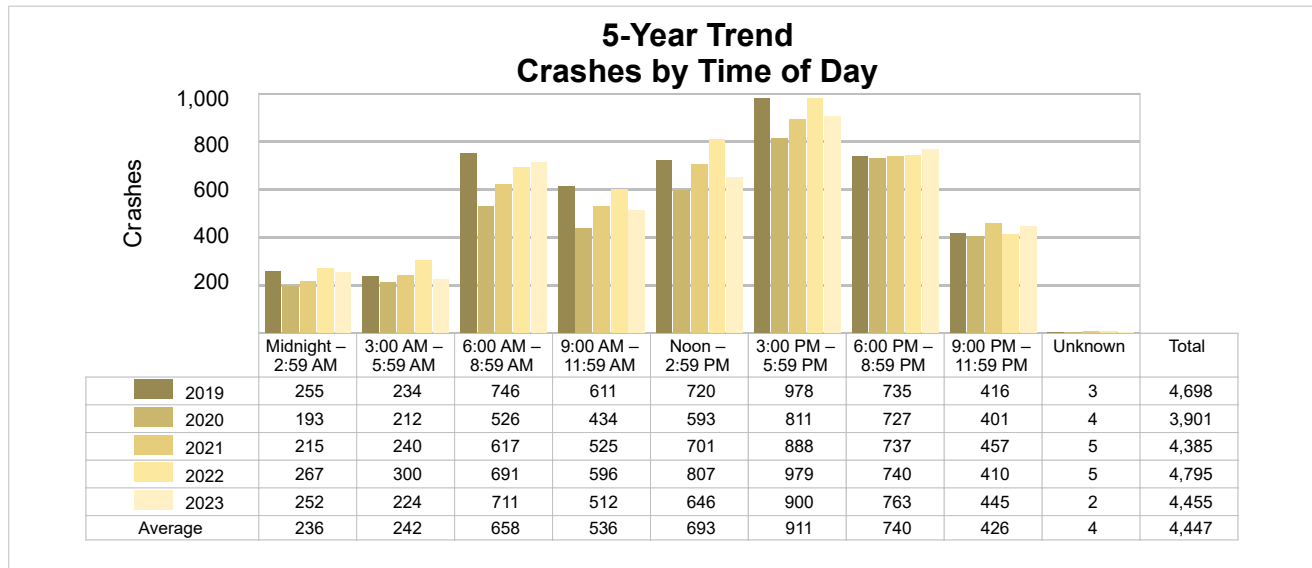
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

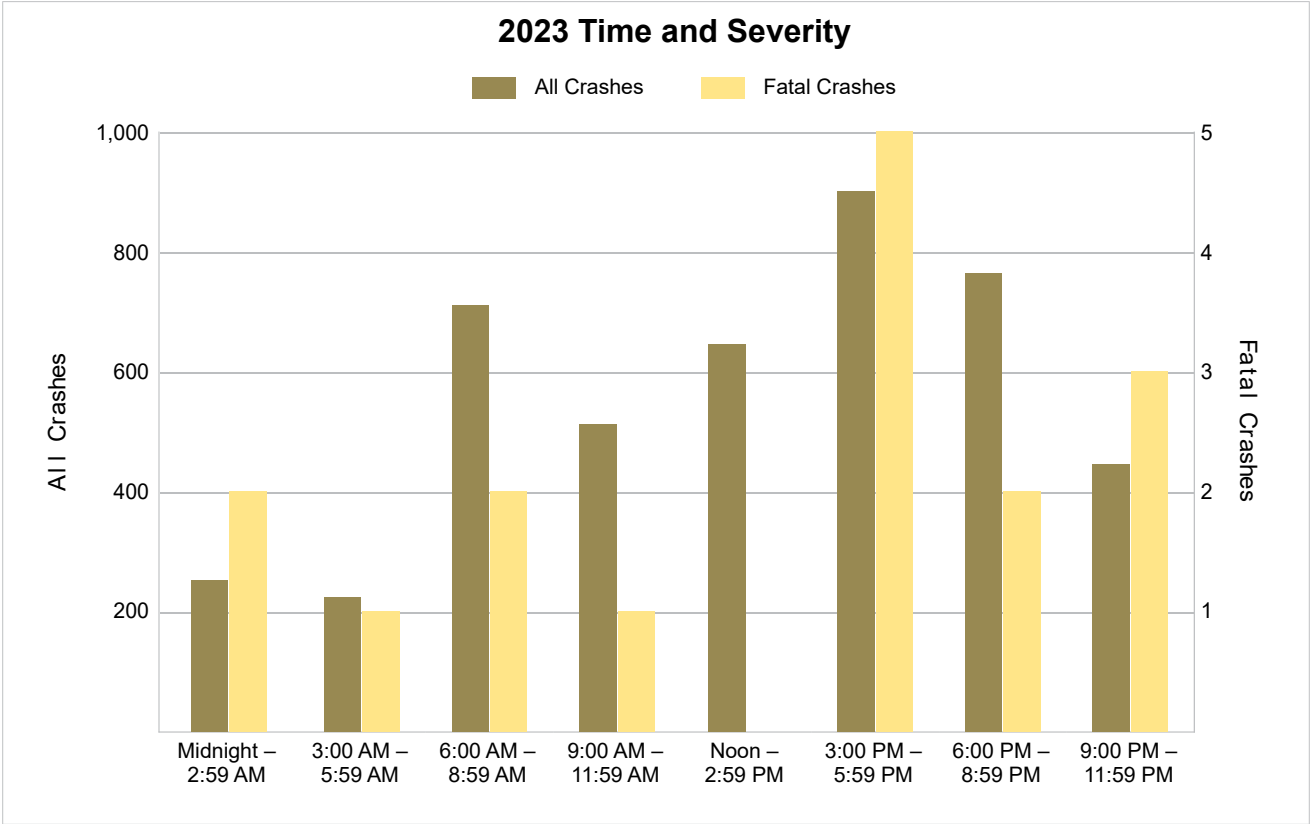
Time of Day	2019		2020		2021		2022		2023	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	255	1	193	2	215	4	267	0	252	2
3:00 AM – 5:59 AM	234	3	212	1	240	0	300	2	224	1
6:00 AM – 8:59 AM	746	3	526	0	617	4	691	2	711	2
9:00 AM – 11:59 AM	611	3	434	1	525	3	596	1	512	1
Noon – 2:59 PM	720	6	593	3	701	1	807	1	646	0
3:00 PM – 5:59 PM	978 †	3	811 †	0	888 †	7	979 †	0	900 †	5
6:00 PM – 8:59 PM	735	3	727	2	737	4	740	2	763	2
9:00 PM – 11:59 PM	416	2	401	3	457	1	410	5	445	3
Unknown	3	0	4	0	5	0	5	0	2	0
Total	4,698	24	3,901	12	4,385	24	4,795	13	4,455	16

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



2023 - Time and Severity

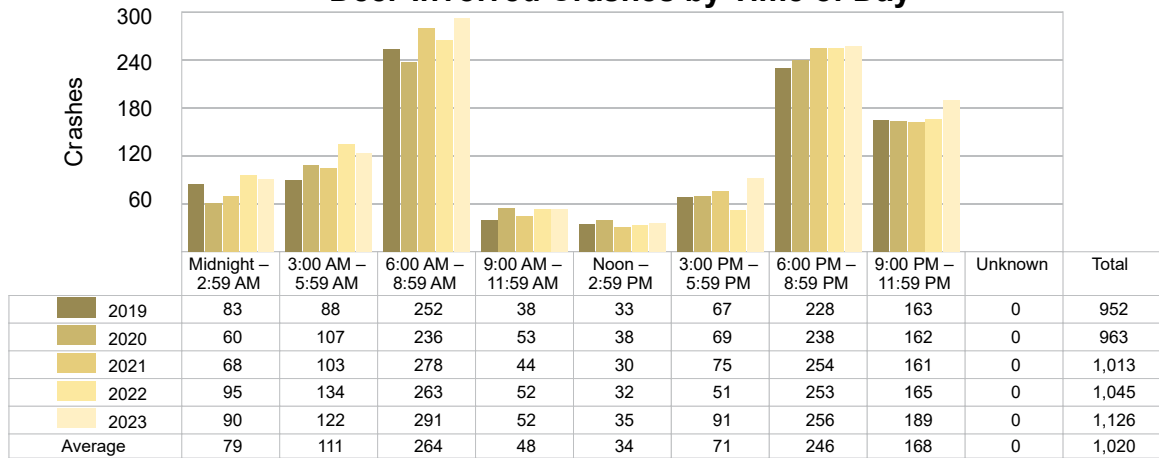
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	252	5.7	2	12.5	9	19	23	199
3:00 AM – 5:59 AM	224	5.0	1	6.3	5	7	15	196
6:00 AM – 8:59 AM	711	16.0	2	12.5	10	23	53	623
9:00 AM – 11:59 AM	512	11.5	1	6.3	12	35	53	411
Noon – 2:59 PM	646	14.5	0	0.0	18	42	85	501
3:00 PM – 5:59 PM	900	20.2	5	31.3	15	43	121	716
6:00 PM – 8:59 PM	763	17.1	2	12.5	9	44	74	634
9:00 PM – 11:59 PM	445	10.0	3	18.8	13	25	46	358
Unknown	2	0.0	0	0.0	0	0	0	2
Total	4,455	100.0	16	100.0	91	238	470	3,640



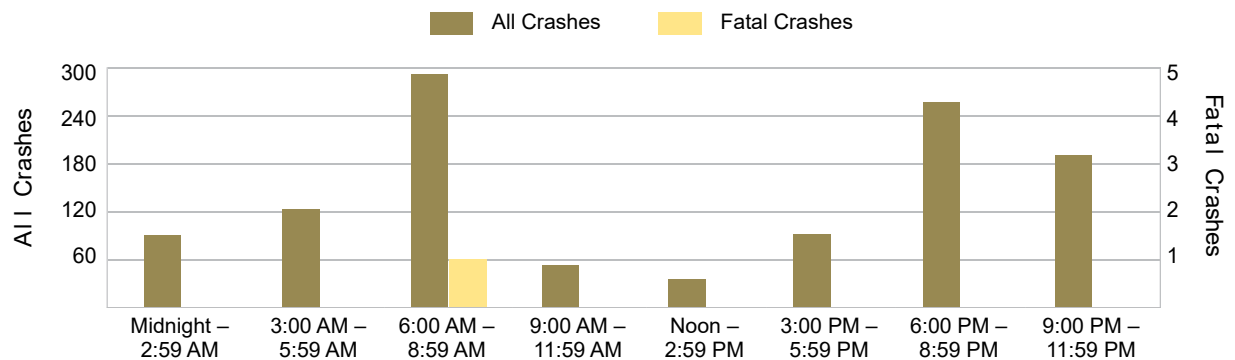
5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2019		2020		2021		2022		2023	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	83	0	60	0	68	0	95	0	90	0
3:00 AM – 5:59 AM	88	0	107	0	103	0	134	0	122	0
6:00 AM – 8:59 AM	252	0	236	0	278	0	263	0	291	1
9:00 AM – 11:59 AM	38	0	53	0	44	0	52	0	52	0
Noon – 2:59 PM	33	0	38	0	30	0	32	0	35	0
3:00 PM – 5:59 PM	67	0	69	0	75	0	51	0	91	0
6:00 PM – 8:59 PM	228	0	238	0	254	0	253	0	256	0
9:00 PM – 11:59 PM	163	0	162	0	161	0	165	0	189	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	952	0	963	0	1,013	0	1,045	0	1,126	1

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



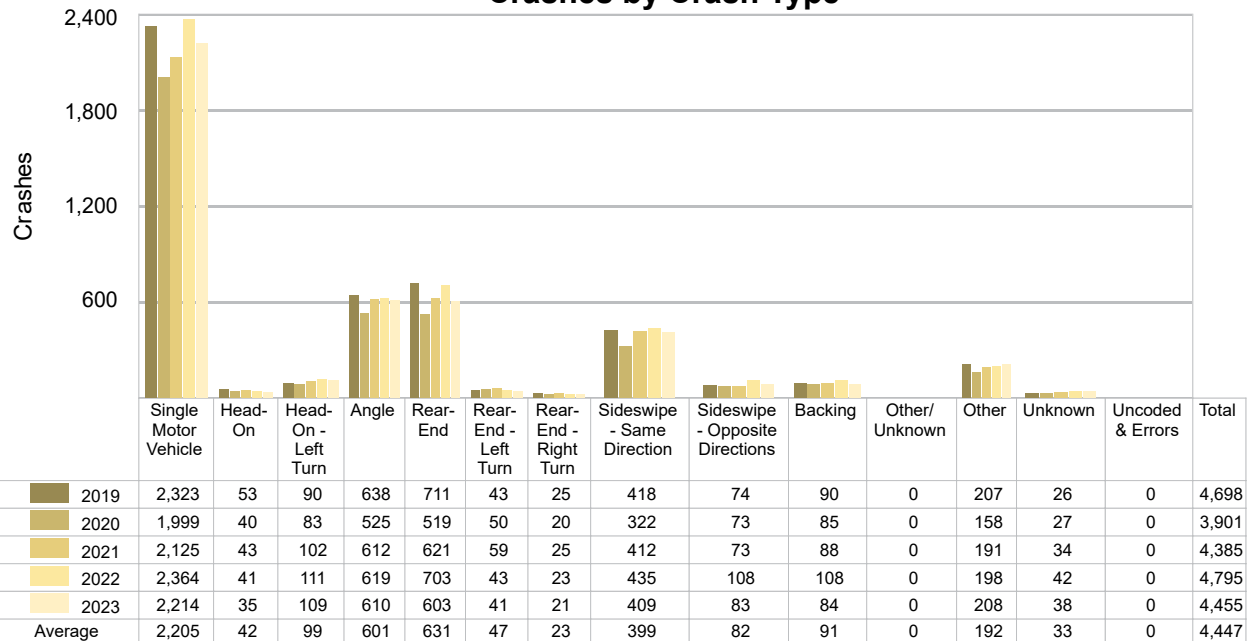
2023 Time and Severity of Deer-Involved Crashes



5-Year Trend - Crashes by Crash Type

Crash Type	2019		2020		2021		2022		2023	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single Motor Vehicle	2,323	12	1,999	1	2,125	10	2,364	10	2,214	10
Head-On	53	0	40	3	43	5	41	0	35	2
Head-On - Left Turn	90	0	83	2	102	0	111	2	109	0
Angle	638	4	525	3	612	5	619	1	610	2
Rear-End	711	3	519	2	621	2	703	0	603	1
Rear-End - Left Turn	43	0	50	0	59	0	43	0	41	0
Rear-End - Right Turn	25	0	20	0	25	0	23	0	21	0
Sideswipe - Same Direction	418	1	322	0	412	0	435	0	409	1
Sideswipe - Opposite Directions	74	0	73	0	73	1	108	0	83	0
Backing	90	0	85	0	88	0	108	0	84	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	207	4	158	1	191	1	198	0	208	0
Unknown	26	0	27	0	34	0	42	0	38	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	4,698	24	3,901	12	4,385	24	4,795	13	4,455	16

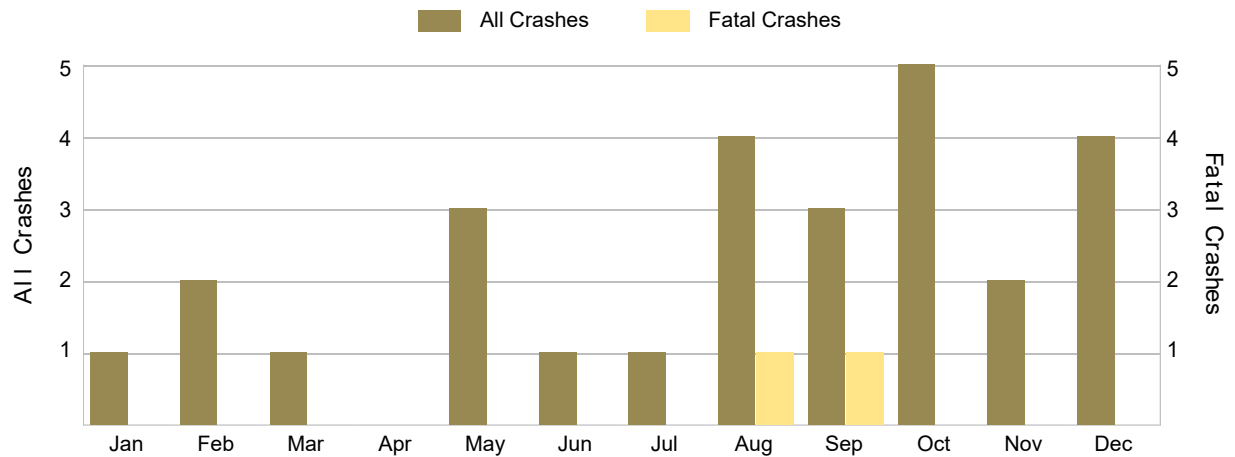
5-Year Trend Crashes by Crash Type



5-Year Trend - Pedestrian-Involved Crashes by Month

Month	2019		2020		2021		2022		2023	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	5	1	3	0	0	0	2	1	1	0
February	2	0	0	0	1	1	2	1	2	0
March	4	1	0	0	2	1	0	0	1	0
April	1	0	0	0	1	0	0	0	0	0
May	2	0	0	0	0	0	3	2	3	0
June	1	0	4	0	2	0	2	0	1	0
July	1	0	3	1	1	1	3	2	1	0
August	3	2	2	0	3	2	7	0	4	1
September	0	0	4	0	1	0	1	0	3	1
October	5	2	0	0	1	0	1	0	5	0
November	3	0	2	0	3	1	0	0	2	0
December	2	0	5	0	1	0	4	0	4	0
Total	29	6	23	1	16	6	25	6	27	2

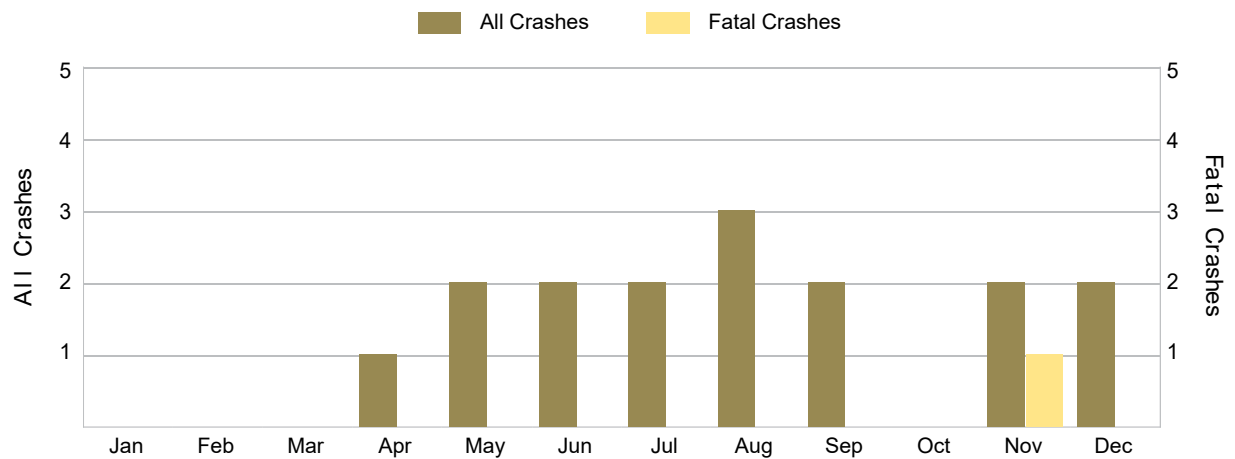
2023 Pedestrian-Involved Crashes by Month



5-Year Trend - Bicyclist-Involved Crashes by Month

Month	2019		2020		2021		2022		2023	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0
March	0	0	1	0	0	0	0	0	0	0
April	0	0	0	0	3	0	0	0	1	0
May	0	0	2	0	0	0	1	0	2	0
June	3	0	7	0	5	0	2	0	2	0
July	3	0	3	0	1	0	1	0	2	0
August	3	0	1	0	2	0	3	0	3	0
September	3	0	1	0	3	0	1	0	2	0
October	1	0	2	0	2	0	0	0	0	0
November	2	0	3	0	0	0	3	0	2	1
December	0	0	0	0	1	0	1	0	2	0
Total	15	0	20	0	17	0	12	0	16	1

2023 Bicyclist-Involved Crashes by Month



2023 - 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
Bainbridge Twp.	80	0	18	62	2	0	27	51	4	0	36	0	0
Baroda	3	0	0	3	0	0	0	3	0	0	0	0	0
Baroda Twp.	56	0	11	45	0	0	0	56	3	2	21	0	0
Benton Harbor	206	0	31	175	42	0	14	150	6	0	1	0	2
Benton Twp.	641	1	162	478	221	44	107	268	19	7	120	2	0
Berrien Springs	16	0	2	14	0	0	8	8	1	0	0	1	0
Berrien Twp.	127	1	18	108	0	20	56	51	3	2	64	1	0
Bertrand Twp.	203	3	22	178	0	145	6	52	4	4	90	0	0
Bridgman	58	1	14	43	36	0	0	22	0	1	5	0	0
Buchanan	68	0	10	58	0	0	0	68	4	0	7	0	2
Buchanan Twp.	88	1	10	77	0	0	0	88	3	2	52	0	2
Chikaming Twp.	144	0	20	124	71	0	0	73	2	1	57	0	0
Coloma	25	0	5	20	0	0	0	25	2	1	2	0	0
Coloma Twp.	79	0	11	68	34	0	0	45	5	0	27	1	0
Eau Claire	7	0	1	6	0	0	0	7	0	0	0	0	0
Galien	2	0	0	2	0	1	0	1	0	0	0	0	0
Galien Twp.	50	0	10	40	0	30	0	20	3	1	21	0	0
Grand Beach	4	0	1	3	0	1	0	3	0	0	1	0	0
Hagar Twp.	112	0	22	90	43	0	20	49	3	2	42	0	1
Lake Twp.	108	1	15	92	38	0	0	70	5	2	47	0	0
Lincoln Twp.	351	0	54	297	181	0	0	170	10	1	57	3	0
Michiana	0	0	0	0	0	0	0	0	0	0	0	0	0
New Buffalo	39	0	7	32	0	14	0	24	2	0	3	1	0
New Buffalo Twp.	141	1	26	114	74	25	8	34	5	3	39	0	0
Niles	292	1	68	223	0	0	160	132	8	2	6	8	7
Niles Twp.	424	1	87	336	0	101	158	165	20	4	104	3	0
Oronoko Twp.	195	0	30	165	0	44	62	89	4	1	71	1	1
Pipestone Twp.	61	0	7	54	0	0	23	38	1	0	38	0	0
Royalton Twp.	126	0	28	98	13	0	65	48	4	2	30	0	0
Shoreham	2	0	0	2	2	0	0	0	0	0	0	0	0
Sodus Twp.	118	1	12	105	15	34	5	64	1	2	50	1	0
St. Joseph	172	2	23	147	30	0	63	78	10	2	6	3	1
St. Joseph Twp.	178	0	28	150	48	0	56	74	12	4	24	1	0
Stevensville	20	0	4	16	9	0	0	11	1	0	4	0	0
Three Oaks	7	0	0	7	0	3	0	4	0	0	1	0	0
Three Oaks Twp.	49	0	8	41	0	23	0	26	2	0	25	0	0
Watervliet	33	0	6	27	0	0	21	12	0	0	3	1	0
Watervliet Twp.	91	0	14	77	30	0	22	39	4	1	29	0	0
Weesaw Twp.	79	2	14	63	0	0	0	79	4	1	43	0	0
Total	4,455	16	799	3,640	889	485	881	2,197	155	48	1,126	27	16

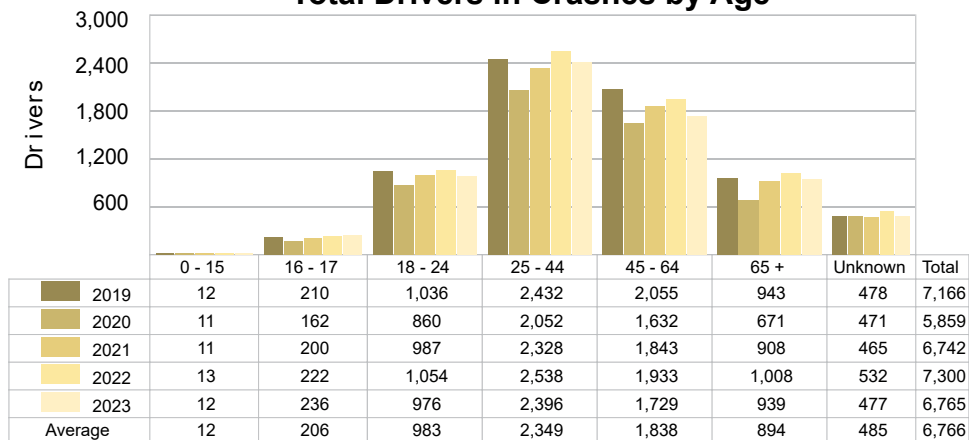
2023 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Bainbridge Twp.	0	2	15	15	88	9
Baroda	0	0	0	0	3	3
Baroda Twp.	0	1	8	16	62	2
Benton Harbor	0	9	21	54	346	86
Benton Twp.	1	51	85	261	908	103
Berrien Springs	0	2	0	2	33	1
Berrien Twp.	2	4	21	20	169	6
Bertrand Twp.	4	6	15	34	302	12
Bridgman	1	0	11	32	89	7
Buchanan	0	2	9	14	121	12
Buchanan Twp.	1	3	7	6	91	7
Chikaming Twp.	0	4	18	13	191	7
Coloma	0	1	5	7	39	11
Coloma Twp.	0	3	4	18	103	4
Eau Claire	0	0	1	0	13	0
Galien	0	0	0	0	4	1
Galien Twp.	0	6	15	8	58	4
Grand Beach	0	0	1	0	4	0
Hagar Twp.	0	0	25	16	156	4
Lake Twp.	1	2	16	17	133	2
Lincoln Twp.	0	18	37	82	513	22
Michiana	0	0	0	0	0	0
New Buffalo	0	2	6	7	60	14
New Buffalo Twp.	1	8	23	24	179	5
Niles	1	13	52	114	589	82
Niles Twp.	1	29	37	152	687	33
Oronoko Twp.	0	9	17	50	316	8
Pipestone Twp.	0	0	9	5	80	1
Royalton Twp.	0	22	17	32	193	5
Shoreham	0	0	0	0	5	0
Sodus Twp.	1	1	5	14	164	5
St. Joseph	2	2	13	43	321	16
St. Joseph Twp.	0	4	28	36	332	10
Stevensville	0	0	5	5	29	1
Three Oaks	0	0	0	0	13	2
Three Oaks Twp.	0	1	4	6	52	3
Watervliet	0	0	0	14	52	7
Watervliet Twp.	0	7	11	16	141	3
Weesaw Twp.	2	7	15	12	94	2
Total	18	219	556	1,145	6,733	500

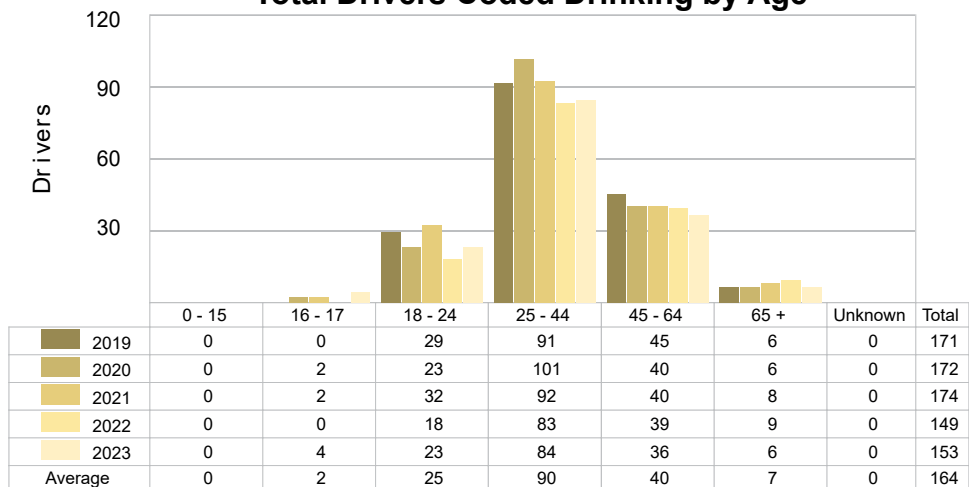
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2019		2020		2021		2022		2023	
	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	12	0	11	0	11	0	13	0	12	0
16 - 17	210	0	162	2	200	2	222	0	236	4
18 - 24	1,036	29	860	23	987	32	1,054	18	976	23
25 - 44	2,432	91	2,052	101	2,328	92	2,538	83	2,396	84
45 - 64	2,055	45	1,632	40	1,843	40	1,933	39	1,729	36
65 +	943	6	671	6	908	8	1,008	9	939	6
Unknown	478	0	471	0	465	0	532	0	477	0
Total	7,166	171	5,859	172	6,742	174	7,300	149	6,765	153

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



2023 - BAC Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

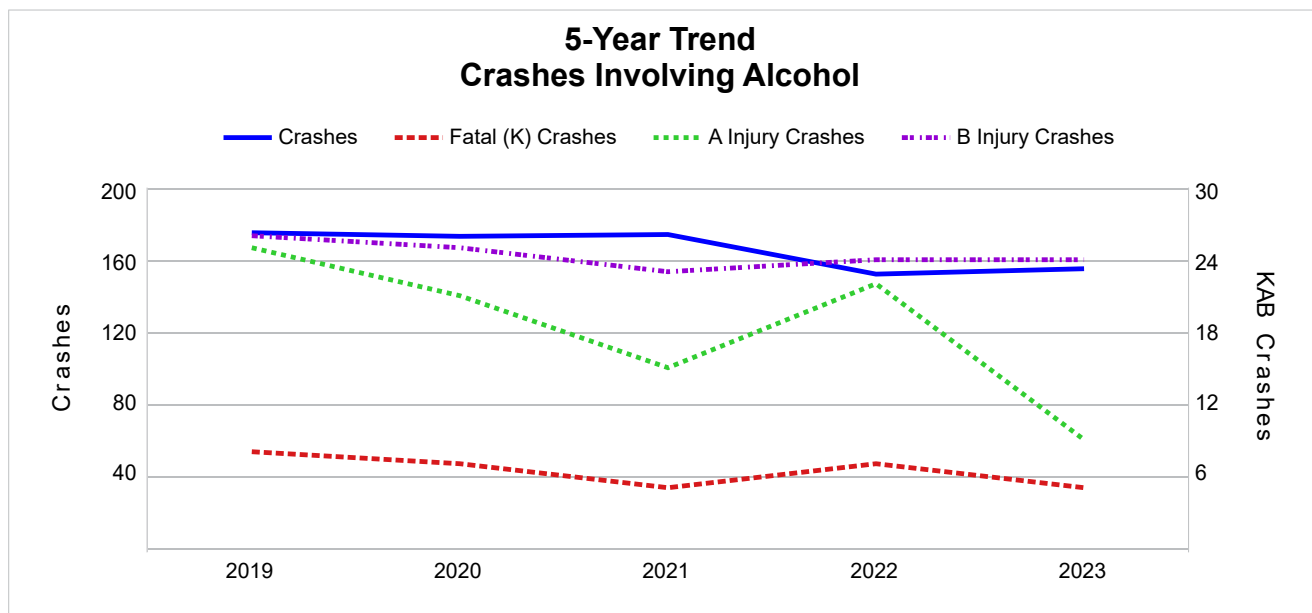
Age Group	Drivers				BAC Result Range for Drivers Coded Drinking				
	Total Drivers in Alcohol-Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	BAC 0.01 g/dL to 0.07 g/dL	BAC 0.08 g/dL to 0.16 g/dL	BAC 0.17 g/dL and Above	BAC Not Reported
0 - 15	0	0	0	0	0	0	0	0	0
16 - 17	6	4	4	4	0	2	1	1	0
18 - 24	32	27	21	23	0	1	9	11	2
25 - 44	106	106	74	84	0	9	16	48	11
45 - 64	58	56	33	36	0	3	9	21	3
65 +	14	14	6	6	0	0	4	2	0
Unknown	7	1	0	0	0	0	0	0	0
Total	223	208	138	153	0	15	39	83	16

Notes: BAC refers to Bodily Alcohol Concentration as used in impaired driving law. This is the same as Blood Alcohol Content.
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
2019	4,698	175	3.7	24	8	33.3	84	25	29.8	232	26	11.2
2020	3,901	173	4.4	12	7	58.3	92	21	22.8	209	25	12.0
2021	4,385	174	4.0	24	5	20.8	85	15	17.6	232	23	9.9
2022	4,795	152	3.2	13	7	53.8	100	22	22.0	241	24	10.0
2023	4,455	155	3.5	16	5	31.3	91	9 *	9.9 *	238	24	10.1

Notes: HBD refers to Had Been Drinking.
* 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.

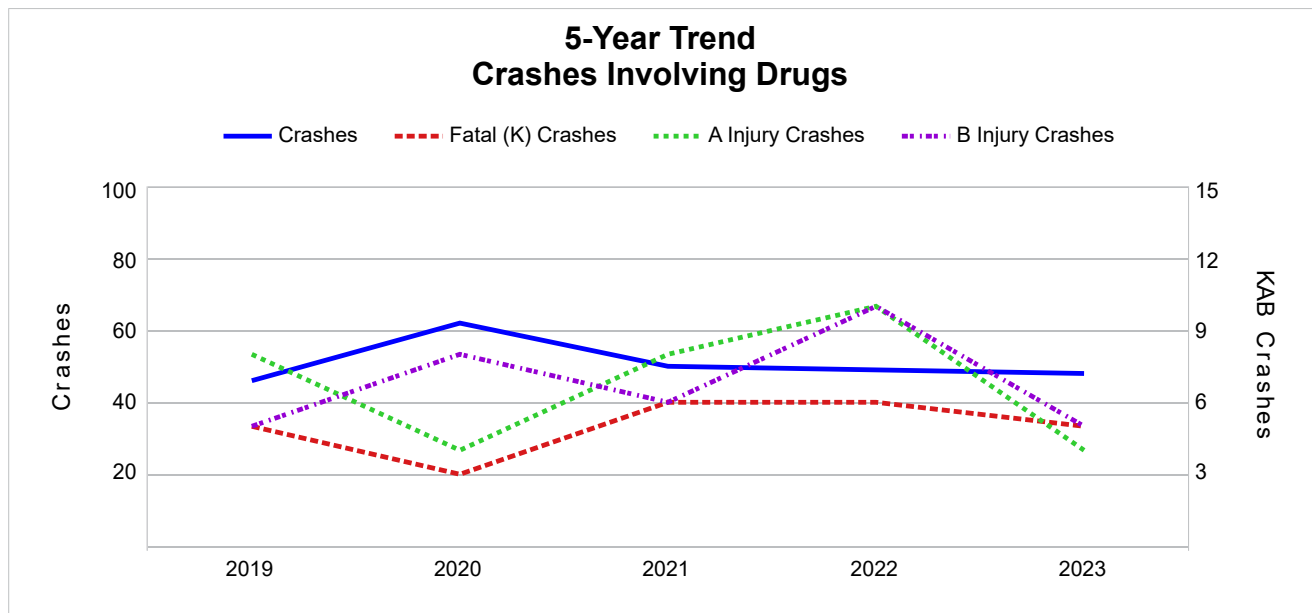


5-Year Trend - Crashes Involving Drugs

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
2019	4,698	46	1.0	24	5	20.8	84	8	9.5	232	5	2.2
2020	3,901	62	1.6	12	3	25.0	92	4	4.3	209	8	3.8
2021	4,385	50	1.1	24	6	25.0	85	8	9.4	232	6	2.6
2022	4,795	49	1.0	13	6	46.2	100	10	10.0	241	10	4.1
2023	4,455	48	1.1	16	5	31.3	91	4	4.4	238	5	2.1 *

Notes: * 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.



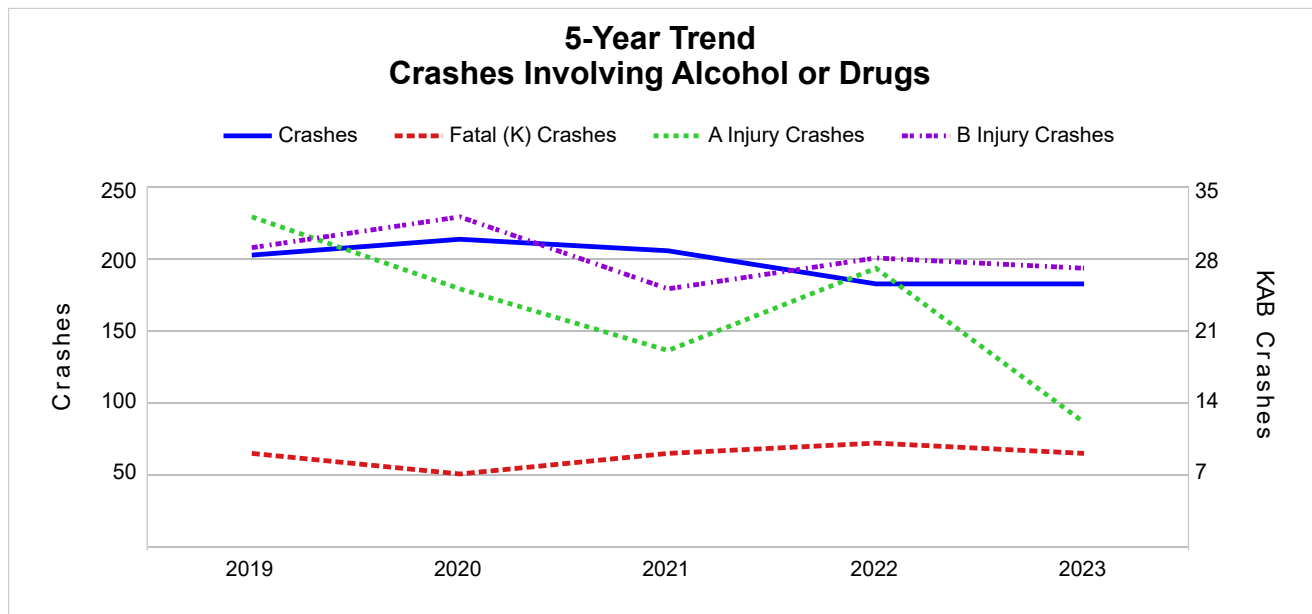
5-Year Trend - Crashes Involving Alcohol or Drugs

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
2019	4,698	202	4.3	24	9	37.5	84	32	38.1	232	29	12.5
2020	3,901	213	5.5	12	7	58.3	92	25	27.2	209	32	15.3
2021	4,385	205	4.7	24	9	37.5	85	19	22.4	232	25	10.8
2022	4,795	182	3.8	13	10	76.9	100	27	27.0	241	28	11.6
2023	4,455	182	4.1	16	9	56.3	91	12 *	13.2 *	238	27	11.3

Notes: HBD refers to Had Been Drinking.

* 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.



2023 - 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	5,629	4,819	85.6	9	4	44.4	66	50	75.8	242	203	83.9	596	531	89.1	4,482	4,031	89.9
Motor Home	5	4	80.0	0	0	0.0	0	0	0.0	1	0	0.0	1	1	100.0	3	3	100.0
Pickup Truck	795	675	84.9	1	1	100.0	2	2	100.0	26	20	76.9	65	55	84.6	656	597	91.0
Small Truck Under 10,000 lbs. GVWR	38	27	71.1	0	0	0.0	0	0	0.0	1	1	100.0	2	2	100.0	32	24	75.0
Motorcycle	65	35	53.8	3	1	33.3	21	8	38.1	21	15	71.4	11	7	63.6	6	4	66.7
Moped/Goped	6	1	16.7	0	0	0.0	2	0	0.0	1	0	0.0	2	1	50.0	0	0	0.0
Go-Cart/Golf Cart	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Snowmobile	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	3	0	0.0	0	0	0.0	2	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	28	18	64.3	0	0	0.0	0	0	0.0	0	0	0.0	2	1	50.0	21	17	81.0
Truck/Bus (over 10,000 lbs. GVWR/ 8+ occupants/hazmat placard)	290	254	87.6	2	2	100.0	1	1	100.0	13	11	84.6	10	8	80.0	252	232	92.1
Uncoded & Errors	194	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	7,053	5,833	82.7	15	8	53.3	94	61	64.9	305	250	82.0	689	606	88.0	5,453	4,908	90.0

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.

2023 - 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	85	71	83.5	0	0	0.0	4	3	75.0	22	14	63.6	49	45	91.8	10	9	90.0
16 - 17	255	237	92.9	0	0	0.0	5	4	80.0	15	14	93.3	26	23	88.5	209	196	93.8
18 - 24	1,026	900	87.7	0	0	0.0	10	7	70.0	66	53	80.3	99	84	84.8	850	756	88.9
25 - 44	2,456	2,156	87.8	4	1	25.0	39	24	61.5	95	72	75.8	233	205	88.0	2,076	1,854	89.3
45 - 64	1,788	1,597	89.3	8	5	62.5	16	7	43.8	75	67	89.3	185	161	87.0	1,496	1,357	90.7
65 +	966	871	90.2	3	2	66.7	20	16	80.0	32	30	93.8	97	88	90.7	810	735	90.7
Unknown	477	1	0.2	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	1	50.0
Total	7,053	5,833	82.7	15	8	53.3	94	61	64.9	305	250	82.0	689	606	88.0	5,453	4,908	90.0

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	2019			2020			2021			2022			2023		
	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	18	0	2	22	0	3	14	1	2	16	0	5	21	0	5
Shoulder Belt Only Used	46	0	5	62	0	11	40	0	6	94	0	12	49	0	3
Lap Belt Only Used	20	0	4	10	0	1	10	0	2	11	0	0	8	0	1
Both Lap & Shoulder Belt Used	6,007	5	632	4,750	2	581	5,453	5	658	5,840	2	676	5,511	6	656
No Belts Used	47	5	20	43	1	20	52	2	29	50	2	25	54	4	21
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	1	0	0	2	0	0	2	0	1	0	0	0	2	0	0
Restraint Use Unknown	964	3	74	910	3	50	1,118	1	87	1,219	1	84	1,059	1	63
Helmet Worn	32	1	25	26	1	20	20	1	17	31	0	23	34	1	29
Helmet Not Worn	27	1	18	30	3	22	27	2	20	34	1	29	25	2	21
Helmet Use Unknown	4	0	2	4	0	1	6	1	4	5	0	4	2	0	2
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	7,166	15	782	5,859	10	709	6,742	13	826	7,300	6	858	6,765	14	801

5-Year Trend - Restraint Use Among Drivers Coded Drinking

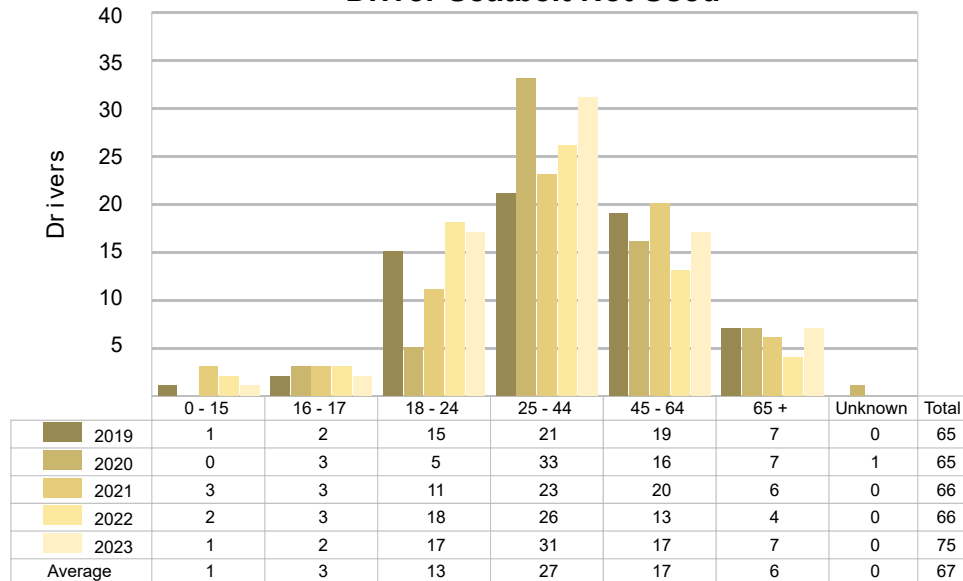
Restraint Use	2019			2020			2021			2022			2023		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	1	0	0	1	0	1	0	0	0	2	0	2	0	0	0
Shoulder Belt Only Used	0	0	0	2	0	1	2	0	0	1	0	0	0	0	0
Lap Belt Only Used	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Both Lap & Shoulder Belt Used	118	1	33	112	0	44	118	1	39	77	0	26	105	0	40
No Belts Used	13	2	9	9	0	5	15	2	8	14	2	9	9	1	5
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	0	0	0	0	0	0	0	0	0
Restraint Use Unknown	32	1	11	43	1	13	37	1	14	47	1	17	34	0	5
Helmet Worn	2	0	2	2	0	2	2	0	2	3	0	3	1	1	0
Helmet Not Worn	4	0	4	2	0	1	0	0	0	3	0	2	4	1	3
Helmet Use Unknown	1	0	1	0	0	0	0	0	0	2	0	2	0	0	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	171	4	60	172	1	68	174	4	63	149	3	61	153	3	53

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

Age Group	2019			2020			2021			2022			2023		
	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	2	2	0	1	1	0	1
16 - 17	2	0	0	3	0	0	3	0	2	3	0	0	2	0	0
18 - 24	15	0	7	5	0	3	11	0	6	18	1	9	17	0	5
25 - 44	21	4	8	33	0	11	23	0	12	26	1	10	31	3	10
45 - 64	19	0	7	16	1	5	20	2	6	13	0	6	17	1	8
65 +	7	1	0	7	0	3	6	1	3	4	0	4	7	0	2
Unknown	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Total	65	5	22	65	1	23	66	3	31	66	2	30	75	4	26

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

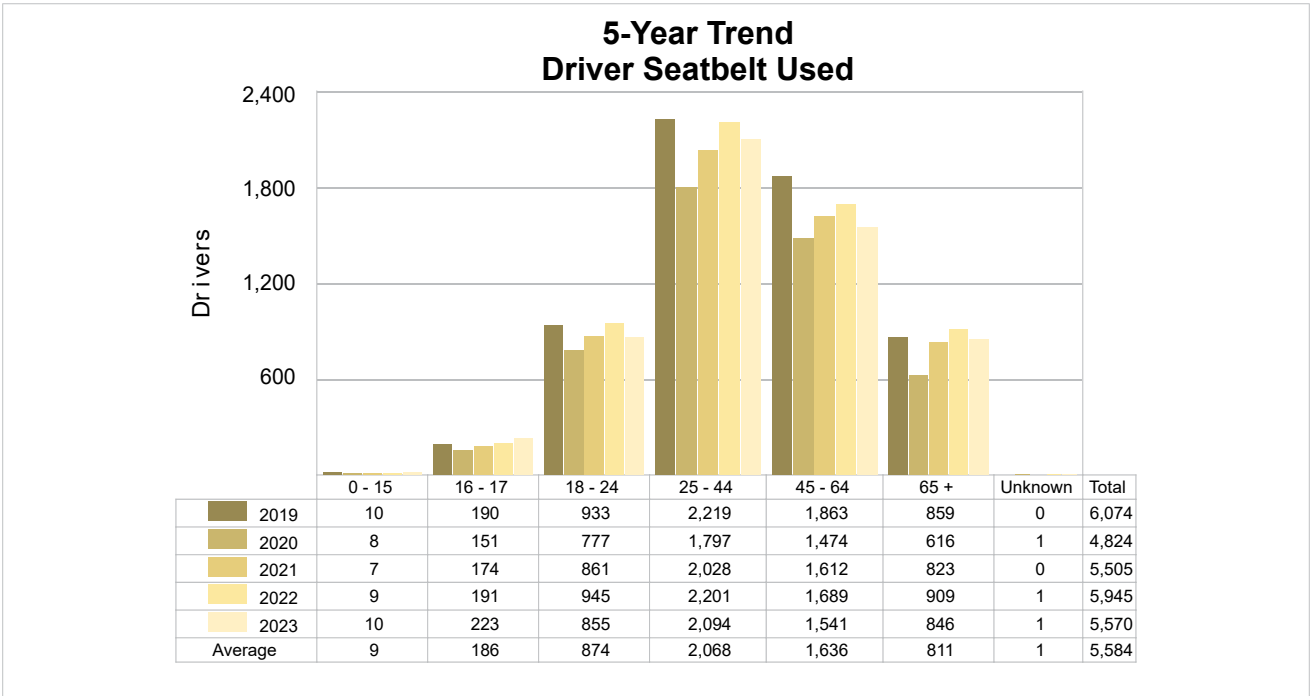
5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2019			2020			2021			2022			2023		
	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	10	0	3	8	0	2	7	0	0	9	0	1	10	0	1
16 - 17	190	0	19	151	0	23	174	0	22	191	0	24	223	0	27
18 - 24	933	1	114	777	0	94	861	1	112	945	0	98	855	0	99
25 - 44	2,219	1	234	1,797	1	223	2,028	2	241	2,201	0	251	2,094	1	241
45 - 64	1,863	2	173	1,474	1	159	1,612	1	183	1,689	1	188	1,541	4	182
65 +	859	1	98	616	0	91	823	1	109	909	1	126	846	1	110
Unknown	0	0	0	1	0	1	0	0	0	1	0	0	1	0	0
Total	6,074	5	641	4,824	2	593	5,505	5	667	5,945	2	688	5,570	6	660

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	2019		2020		2021		2022		2023	
	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	3,651	21	3,093	9	3,585	15	3,808	3	3,675	8
Speed Too Fast	809	2	492	0	481	4	733	1	484	4
Speed Too Slow	10	1	4	0	3	0	2	0	3	0
Failed to Yield	684	5	533	2	694	6	647	2	686	1
Disregard Traffic Control	82	0	113	0	114	1	130	0	117	2
Drove Wrong Way	5	0	3	1	2	0	5	0	4	1
Drove Left of Center	52	1	35	0	34	1	46	0	32	0
Improper Passing	48	0	41	0	50	0	39	0	60	0
Improper Lane Use	104	0	81	0	103	0	119	0	100	0
Improper Turn	52	0	64	1	78	0	74	0	75	0
Improper/No Signal	7	0	3	0	8	0	9	0	5	0
Improper Backing	97	0	82	0	87	0	97	0	90	1
Unable to Stop in Assured Clear Distance	667	1	511	0	554	1	697	1	556	0
Other	273	2	203	2	264	4	214	0	209	2
Unknown	378	9	367	6	408	6	425	5	415	0
Reckless Driving	41	0	52	0	60	1	44	2	59	2
Careless/Negligent Driving	206	2	182	3	217	0	211	2	195	1
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	7,166	44	5,859	24	6,742	39	7,300	16	6,765	22

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