



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

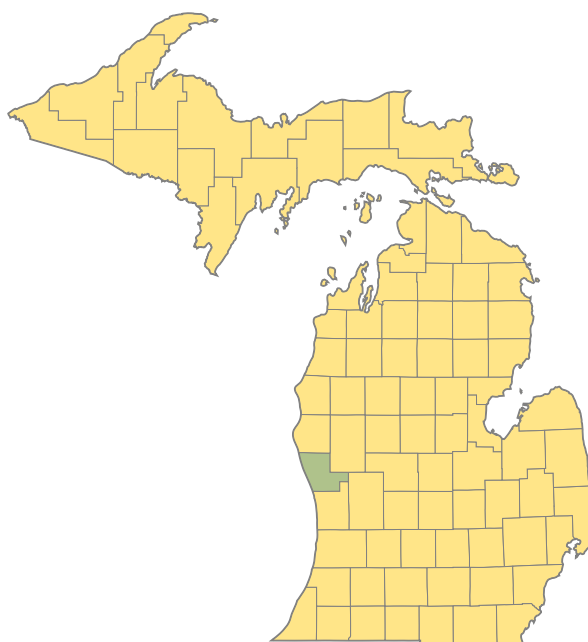
O = No Injury

Property Damage Only (PDO)



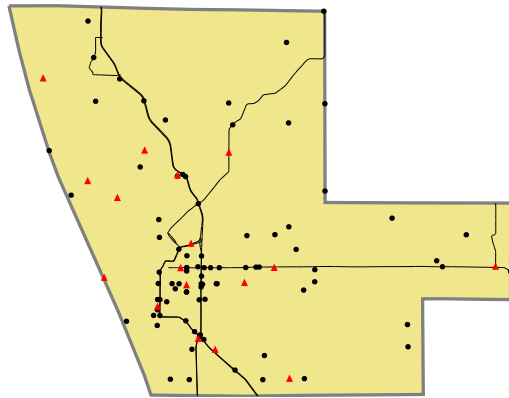
Muskegon County

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 (17/17)

● A - Suspected Serious (85/85)

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	365	0	70	295	0	89
February	442	0	53	389	0	65
March	309	1	56	252	1	82
April	304	1	62	241	2	81
May	357	5	62	290	6	82
June	393	0	96	297	0	127
July	377	4	80	293	4	109
August	362	3	80	279	3	112
September	374	1	66	307	1	86
October	480	0	87	393	0	120
November	505	1	68	436	1	86
December	405	1	60	344	1	75
Total	4,673	17	840	3,816	19	1,114

2021 - Driver Statistics

Age Group	Muskegon County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	35,123	871	33	9.4	378.9
16 - 20	10,318	7,703	905	877.1	1,174.9
21 - 24	8,379	7,437	666	794.8	895.5
25 - 64	89,185	80,002	4,476	501.9	559.5
65 +	30,561	30,323	873	285.7	287.9
Unknown	0	0	844	--	--
Total	173,566	126,336	7,797	449.2	617.2

*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	6,407	82.2	16	57.1	1,185	5,206
Motor Home	69	0.9	0	0.0	13	56
Pickup Truck	759	9.7	3	10.7	130	626
Small Truck Under 10,000 lbs. GVWR	67	0.9	0	0.0	10	57
Motorcycle	92	1.2	8	28.6	63	21
Moped/Goped	20	0.3	0	0.0	15	5
Go-Cart/Golf Cart	0	0.0	0	0.0	0	0
Snowmobile	1	0.0	0	0.0	1	0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	9	0.1	0	0.0	8	1
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	63	0.8	0	0.0	17	46
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	160	2.1	1	3.6	20	139
Uncoded & Errors	150	1.9	0	0.0	12	138
Total	7,797	100.0	28	100.0	1,474	6,295

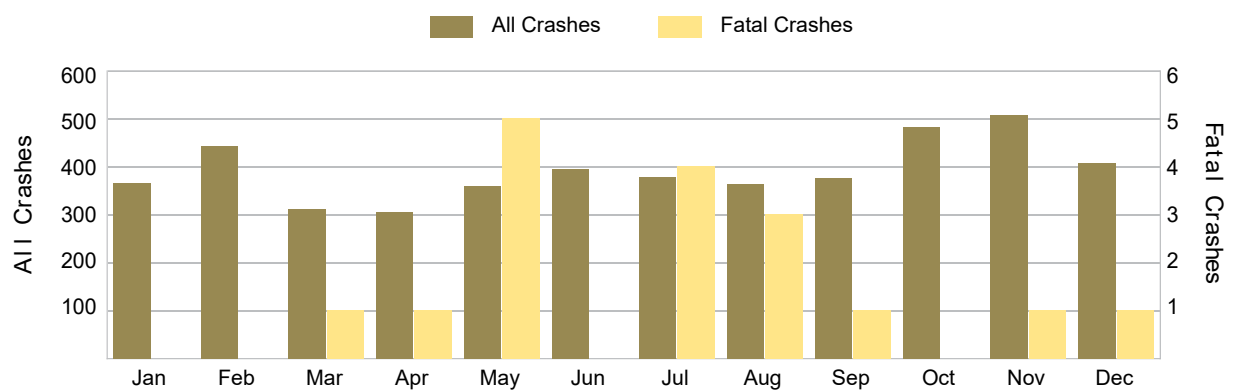
5-Year Trend - Crashes by Month

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	537	0	471	1	577	2	405	0	365	0
February	307	2	396	1	391	1	408	2	442	0
March	329	0	352	0	363	2	225	1	309	1
April	278	1	394	2	307	1	168	0	304	1
May	368	1	377	1	334	4	269	2	357	5
June	402	0	440	2	374	2	390	2	393	0
July	389	1	399	1	371	4	395	4	377	4
August	365	2	364	2	357	2	367	4	362	3
September	374	1	352	3	385	1	381	4	374	1
October	475	3	456	1	475	4	449	1	480	0
November	424	3	494	0	466	2	394	1	505	1
December	764	2	404	2	428	0	391	2	405	1
Total	5,012	16	4,899	16	4,828	25	4,242	23	4,673	17

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	702	3	689	3	706	2	564	4	678	4
Tuesday	699	0	795	2	781	3	578	2	689	2
Wednesday	731	1	808	1	779	2	622	5	657	1
Thursday	825	5	715	1	736	2	694	2	698	1
Friday	824	1	742	3	728	5	679	2	754	2
Saturday	642	4	634	1	573	5	599	3	619	3
Sunday	589	2	516	5	525	6	506	5	578	4
Total	5,012	16	4,899	16	4,828	25	4,242	23	4,673	17

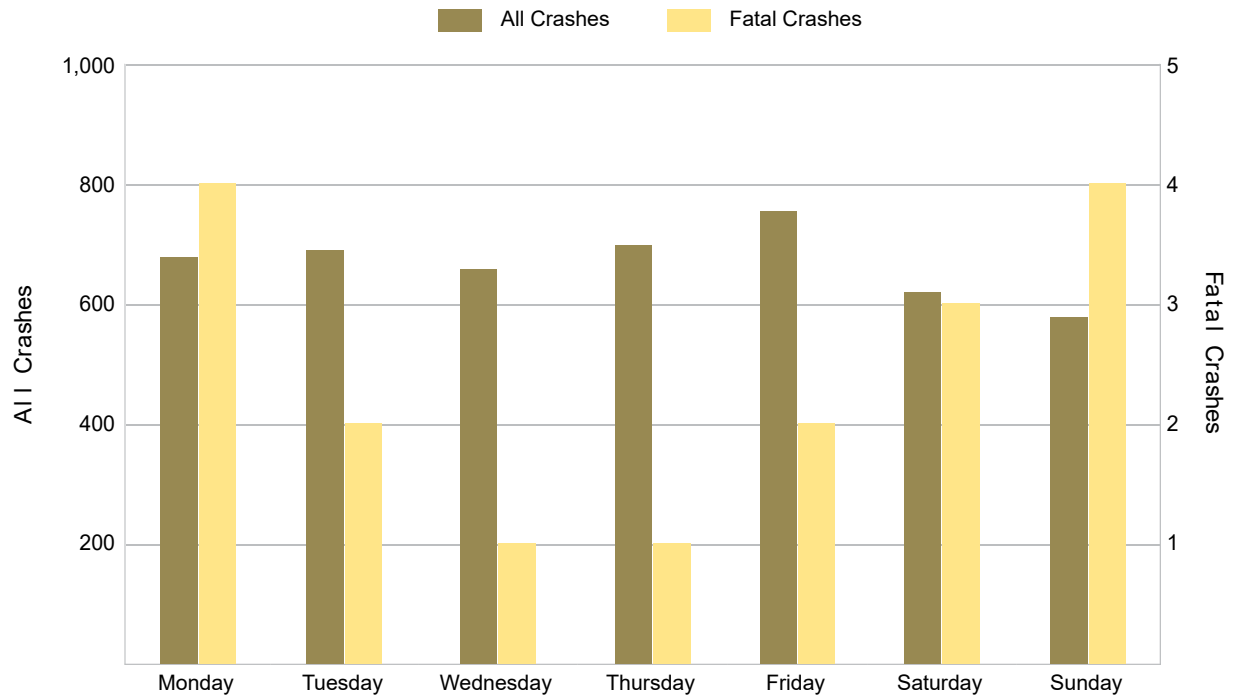
2021 Crashes by Month



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	678	14.5	4	23.5	12	39	74	549
Tuesday	689	14.7	2	11.8	10	30	65	582
Wednesday	657	14.1	1	5.9	11	36	65	544
Thursday	698	14.9	1	5.9	15	44	66	572
Friday	754	16.1	2	11.8	14	51	85	602
Saturday	619	13.2	3	17.6	12	44	68	492
Sunday	578	12.4	4	23.5	11	46	42	475
Total	4,673	100.0	17	100.0	85	290	465	3,816

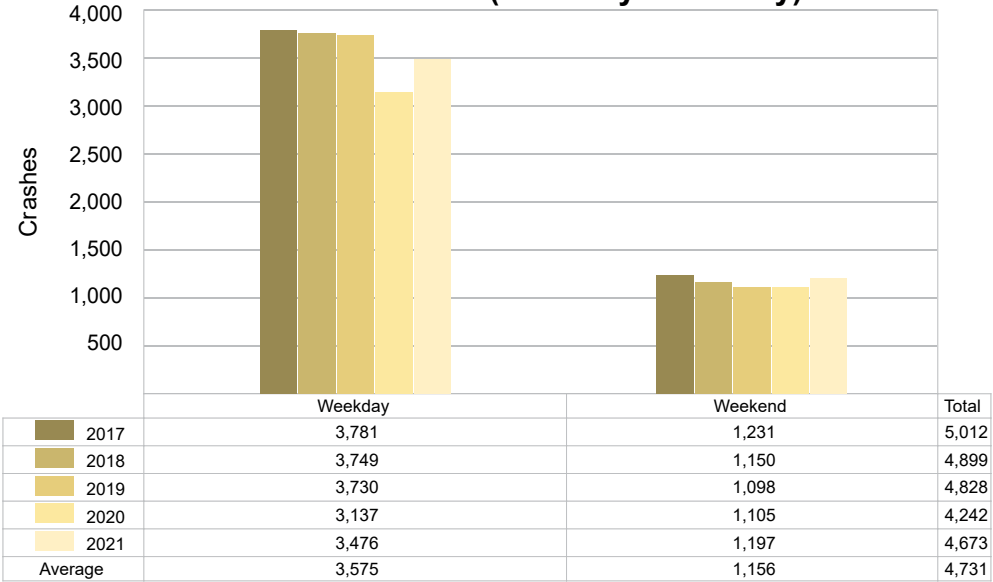
2021 Day of Week and Severity



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	3,781	10	3,749	10	3,730	14	3,137	15	3,476	10
Weekend	1,231	6	1,150	6	1,098	11	1,105	8	1,197	7
Total	5,012	16	4,899	16	4,828	25	4,242	23	4,673	17

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

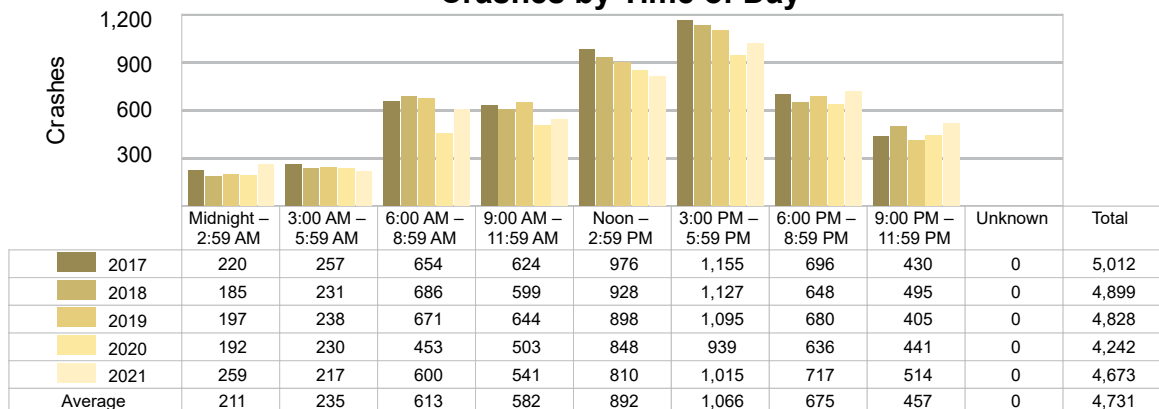


5-Year Trend - Crashes by Time of Day

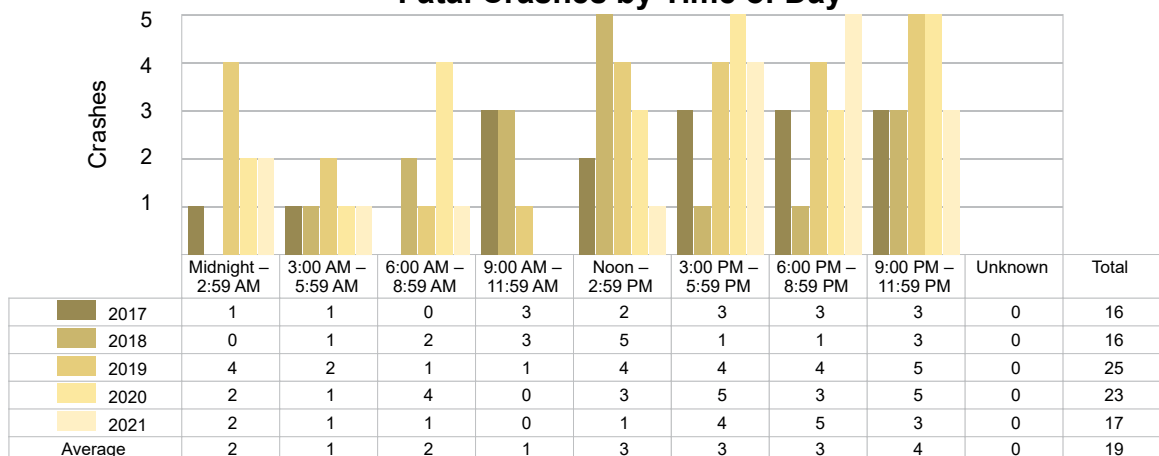
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	220	1	185	0	197	4	192	2	259	2
3:00 AM – 5:59 AM	257	1	231	1	238	2	230	1	217	1
6:00 AM – 8:59 AM	654	0	686	2	671	1	453	4	600	1
9:00 AM – 11:59 AM	624	3	599	3	644	1	503	0	541	0
Noon – 2:59 PM	976	2	928	5	898	4	848	3	810	1
3:00 PM – 5:59 PM	1,155 †	3	1,127 †	1	1,095 †	4	939 †	5	1,015 †	4
6:00 PM – 8:59 PM	696	3	648	1	680	4	636	3	717	5
9:00 PM – 11:59 PM	430	3	495	3	405	5	441	5	514	3
Unknown	0	0	0	0	0	0	0	0	0	0
Total	5,012	16	4,899	16	4,828	25	4,242	23	4,673	17

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 Day

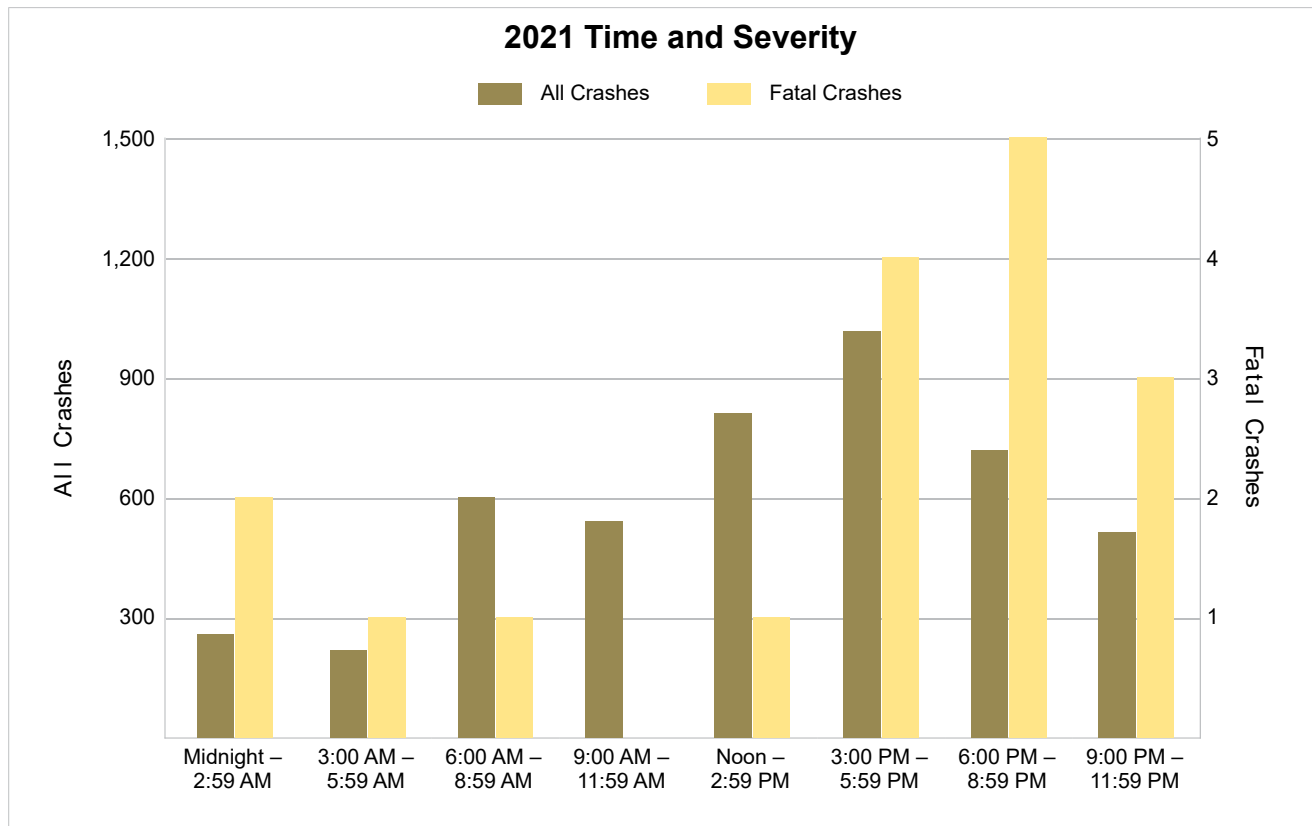


5-Year Trend Fatal Crashes by Time of Day



2021 - Time and Severity

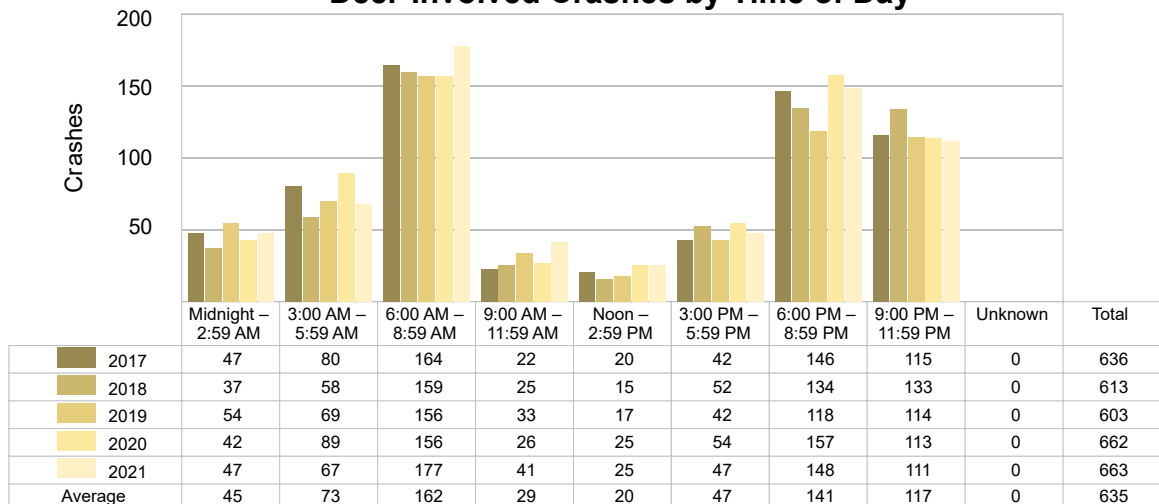
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	259	5.5	2	11.8	5	22	25	205
3:00 AM – 5:59 AM	217	4.6	1	5.9	6	13	20	177
6:00 AM – 8:59 AM	600	12.8	1	5.9	9	32	51	507
9:00 AM – 11:59 AM	541	11.6	0	0.0	9	34	48	450
Noon – 2:59 PM	810	17.3	1	5.9	20	52	81	656
3:00 PM – 5:59 PM	1,015	21.7	4	23.5	14	62	111	824
6:00 PM – 8:59 PM	717	15.3	5	29.4	12	41	78	581
9:00 PM – 11:59 PM	514	11.0	3	17.6	10	34	51	416
Unknown	0	0.0	0	0.0	0	0	0	0
Total	4,673	100.0	17	100.0	85	290	465	3,816



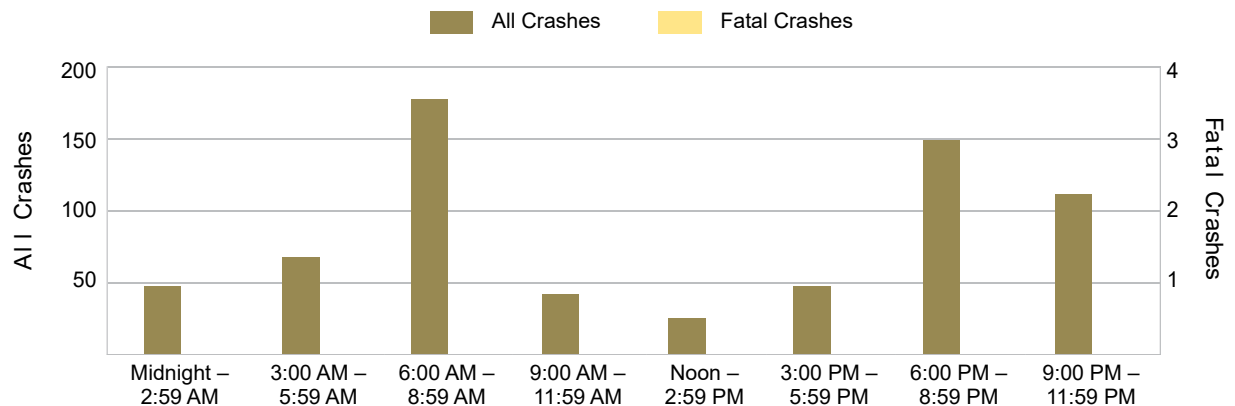
5-Year Trend - Deer-Involved Crashes by Time of Day

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	47	0	37	0	54	0	42	0	47	0
3:00 AM – 5:59 AM	80	0	58	1	69	0	89	0	67	0
6:00 AM – 8:59 AM	164	0	159	0	156	0	156	0	177	0
9:00 AM – 11:59 AM	22	0	25	0	33	0	26	0	41	0
Noon – 2:59 PM	20	0	15	0	17	0	25	0	25	0
3:00 PM – 5:59 PM	42	0	52	0	42	1	54	0	47	0
6:00 PM – 8:59 PM	146	0	134	0	118	0	157	0	148	0
9:00 PM – 11:59 PM	115	0	133	0	114	0	113	0	111	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	636	0	613	1	603	1	662	0	663	0

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



2021 Time and Severity of Deer-Involved Crashes

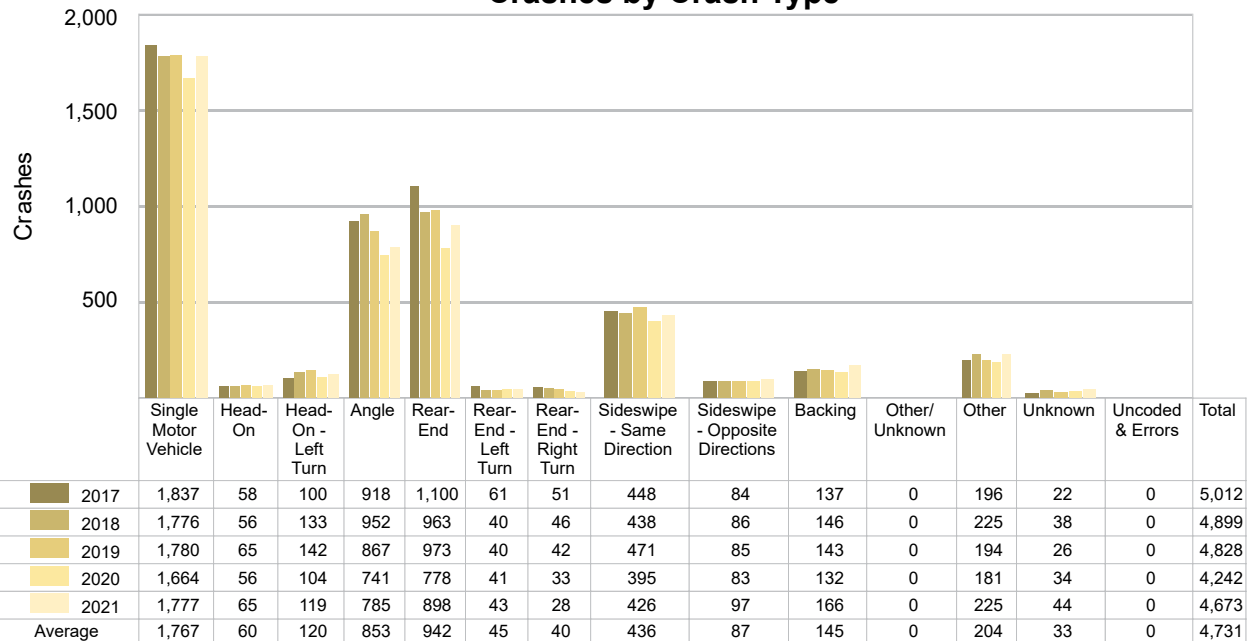


There were no fatal deer-involved crashes in Muskegon County in 2021.

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	1,837	9	1,776	5	1,780	12	1,664	15	1,777	7
Head-On	58	2	56	3	65	2	56	0	65	0
Head-On - Left Turn	100	0	133	2	142	2	104	2	119	1
Angle	918	4	952	4	867	6	741	2	785	6
Rear-End	1,100	0	963	2	973	2	778	3	898	0
Rear-End - Left Turn	61	0	40	0	40	0	41	0	43	1
Rear-End - Right Turn	51	0	46	0	42	0	33	0	28	0
Sideswipe - Same Direction	448	0	438	0	471	0	395	0	426	2
Sideswipe - Opposite Directions	84	0	86	0	85	0	83	1	97	0
Backing	137	0	146	0	143	0	132	0	166	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	196	1	225	0	194	1	181	0	225	0
Unknown	22	0	38	0	26	0	34	0	44	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	5,012	16	4,899	16	4,828	25	4,242	23	4,673	17

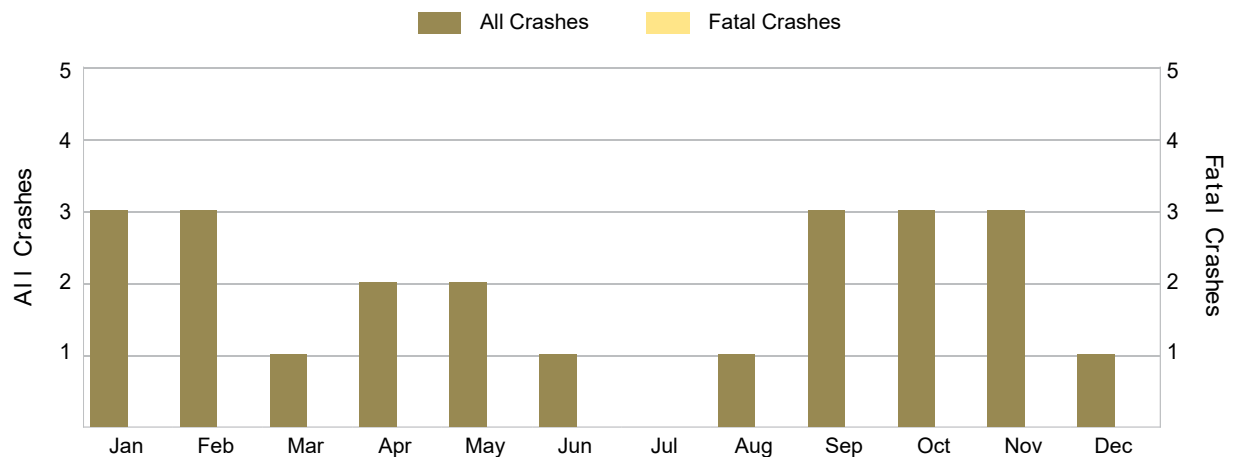
5-Year Trend Crashes by Crash Type



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	3	0	1	0	2	0	2	0	3	0
February	2	0	0	0	3	0	0	0	3	0
March	0	0	3	0	0	0	2	0	1	0
April	1	1	0	0	0	0	0	0	2	0
May	0	0	1	0	4	1	0	0	2	0
June	2	0	3	0	4	1	2	0	1	0
July	0	0	4	0	3	0	4	0	0	0
August	1	0	2	0	0	0	5	1	1	0
September	4	0	0	0	1	0	2	0	3	0
October	0	0	4	0	1	0	1	0	3	0
November	1	0	2	0	5	1	3	0	3	0
December	1	1	4	0	3	0	2	1	1	0
Total	15	2	24	0	26	3	23	2	23	0

2021 Pedestrian-Involved Crashes by Month

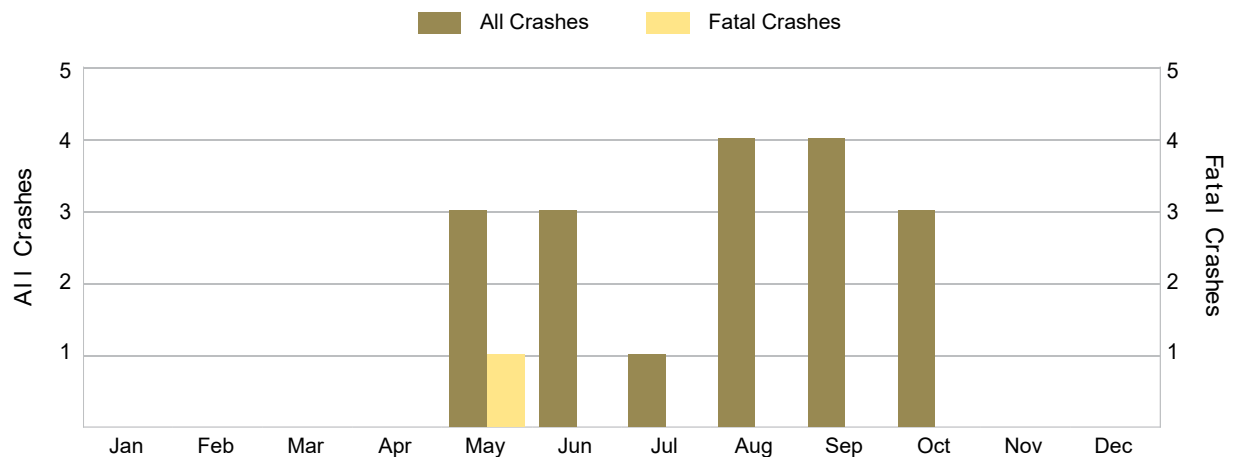


There were no fatal pedestrian-involved crashes in Muskegon County in 2021.

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	0	0	2	0	0	0	0	0
February	2	0	0	0	0	0	1	0	0	0
March	2	0	0	0	0	0	0	0	0	0
April	0	0	3	0	0	0	4	0	0	0
May	5	0	2	0	6	1	1	0	3	1
June	4	0	7	1	2	0	5	1	3	0
July	4	0	8	0	6	0	3	0	1	0
August	6	1	3	0	2	0	2	0	4	0
September	3	0	3	0	3	0	2	0	4	0
October	3	0	0	0	1	0	3	0	3	0
November	0	0	0	0	0	0	1	0	0	0
December	2	0	1	0	1	0	1	1	0	0
Total	32	1	27	1	23	1	23	2	18	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
Blue Lake Twp.	38	0	9	29	0	0	0	37	3	4	11	1	0
Casnovia	0	0	0	0	0	0	0	0	0	0	0	0	0
Casnovia Twp.	96	1	16	79	0	0	59	37	2	3	41	0	0
Cedar Creek Twp.	54	0	9	45	0	0	6	48	2	0	19	0	0
Dalton Twp.	234	2	49	183	0	58	55	121	11	3	42	0	0
Egelston Twp.	135	1	37	97	0	0	52	82	9	1	22	1	0
Fruitland Twp.	88	2	18	68	0	4	0	84	8	3	38	0	0
Fruitport	0	0	0	0	0	0	0	0	0	0	0	0	0
Fruitport Twp.	350	2	44	304	82	0	0	266	19	13	66	0	0
Holton Twp.	66	0	13	53	0	0	29	36	2	2	17	0	0
Laketon Twp.	100	1	14	85	0	0	0	100	5	3	38	1	0
Lakewood Club	0	0	0	0	0	0	0	0	0	0	0	0	0
Montague	33	0	6	27	0	12	0	21	0	0	12	0	1
Montague Twp.	59	0	10	49	0	36	0	23	1	1	24	0	0
Moorland Twp.	76	0	9	67	0	0	20	56	2	1	42	0	1
Muskegon	1,234	3	219	1,012	0	237	112	879	42	15	25	11	5
Muskegon Heights	329	0	61	268	0	10	0	318	13	2	5	5	0
Muskegon Twp.	575	2	124	449	0	112	236	226	16	6	43	2	2
North Muskegon	51	0	7	44	0	0	20	31	1	0	1	0	0
Norton Shores	779	2	144	633	5	253	0	521	25	11	78	1	6
Ravenna	0	0	0	0	0	0	0	0	0	0	0	0	0
Ravenna Twp.	101	0	13	88	0	0	0	101	2	0	61	0	0
Roosevelt Park	14	0	4	10	0	0	0	14	1	1	0	1	1
Sullivan Twp.	90	0	11	79	0	0	0	90	3	1	37	0	0
White River Twp.	23	1	0	22	0	0	0	23	2	0	15	0	0
Whitehall	50	0	6	44	0	16	0	34	2	0	9	0	1
Whitehall Twp.	98	0	17	81	0	56	0	41	1	1	17	0	1
Total	4,673	17	840	3,816	87	794	589	3,189	172	71	663	23	18

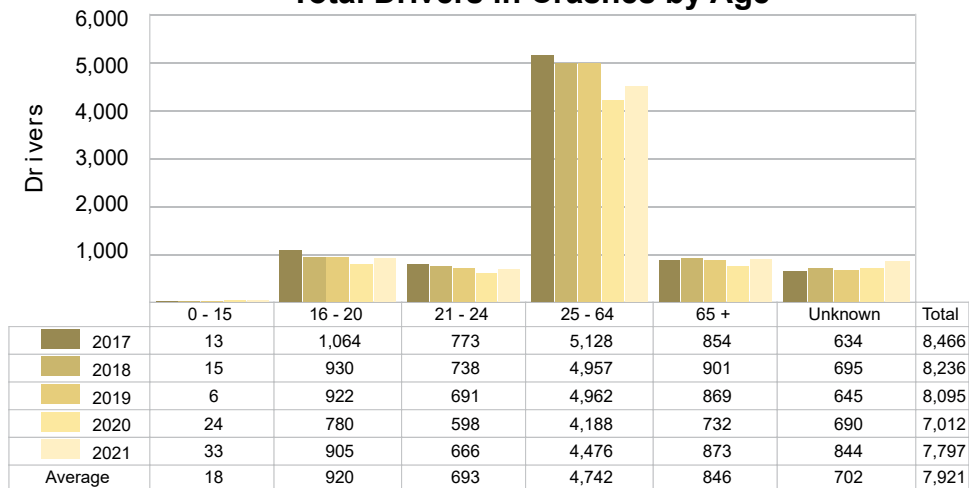
2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Blue Lake Twp.	0	2	3	9	36	1
Casnovia	0	0	0	0	0	0
Casnovia Twp.	1	7	10	18	131	4
Cedar Creek Twp.	0	3	5	11	65	1
Dalton Twp.	2	8	48	57	338	4
Egelston Twp.	1	17	34	38	200	8
Fruitland Twp.	3	3	12	14	88	1
Fruitport	0	0	0	0	0	0
Fruitport Twp.	2	11	35	45	539	11
Holton Twp.	0	3	8	11	85	1
Laketon Twp.	1	0	6	28	135	3
Lakewood Club	0	0	0	0	0	0
Montague	0	2	3	9	51	2
Montague Twp.	0	2	11	7	77	0
Moorland Twp.	0	1	7	15	92	2
Muskegon	3	44	202	308	2,135	326
Muskegon Heights	0	4	45	104	545	71
Muskegon Twp.	3	25	111	162	974	24
North Muskegon	0	2	13	6	114	0
Norton Shores	2	32	87	241	1,319	50
Ravenna	0	0	0	0	0	0
Ravenna Twp.	0	3	11	7	107	2
Roosevelt Park	0	0	4	5	25	0
Sullivan Twp.	0	1	9	6	106	4
White River Twp.	1	0	0	0	27	0
Whitehall	0	3	10	5	94	8
Whitehall Twp.	0	3	20	11	142	6
Total	19	176	694	1,117	7,425	529

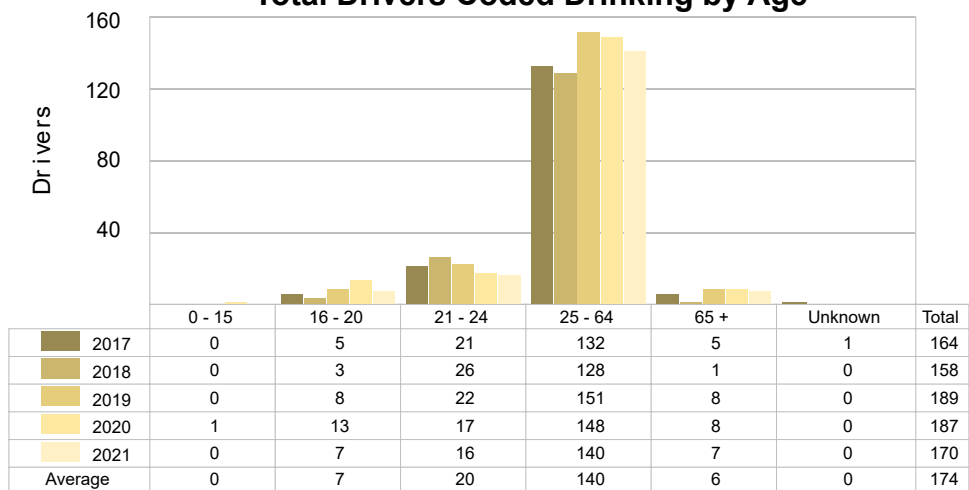
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	15	0	6	0	24	1	33	0
16 - 20	1,064	5	930	3	922	8	780	13	905	7
21 - 24	773	21	738	26	691	22	598	17	666	16
25 - 64	5,128	132	4,957	128	4,962	151	4,188	148	4,476	140
65 +	854	5	901	1	869	8	732	8	873	7
Unknown	634	1	695	0	645	0	690	0	844	0
Total	8,466	164	8,236	158	8,095	189	7,012	187	7,797	170

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	14	14	7	7	0	3	2	0	2
21 - 24	21	20	14	16	0	0	1	3	12
25 - 64	174	149	127	140	0	9	29	32	70
65 +	14	12	7	7	0	2	3	1	1
Unknown	28	0	0	0	0	0	0	0	0
Total	251	195	155	170	0	14	35	36	85

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).

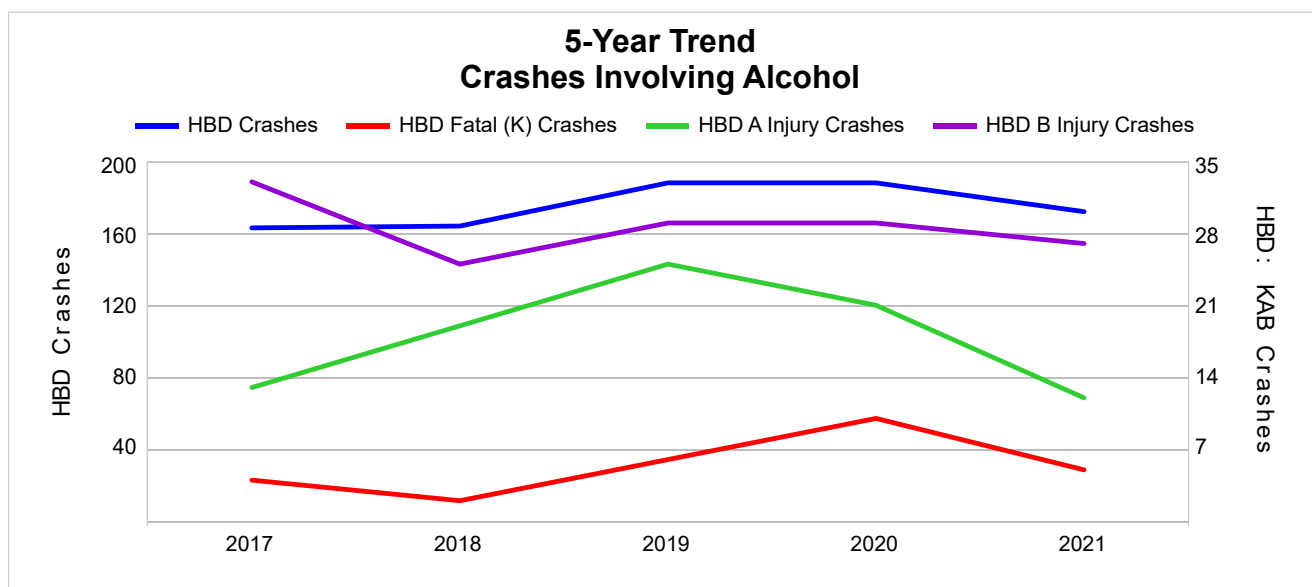
A driver may be coded by the officer as drinking even though no test is administered.

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	5,012	163	3.3	16	4	25.0	97	13	13.4	302	33	10.9
2018	4,899	164	3.3	16	2	12.5	101	19	18.8	292	25	8.6
2019	4,828	188	3.9	25	6	24.0	91	25	27.5	314	29	9.2
2020	4,242	188	4.4	23	10	43.5	84	21	25.0	282	29	10.3
2021	4,673	172	3.7	17	5	29.4	85	12 *	14.1	290	27	9.3

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.



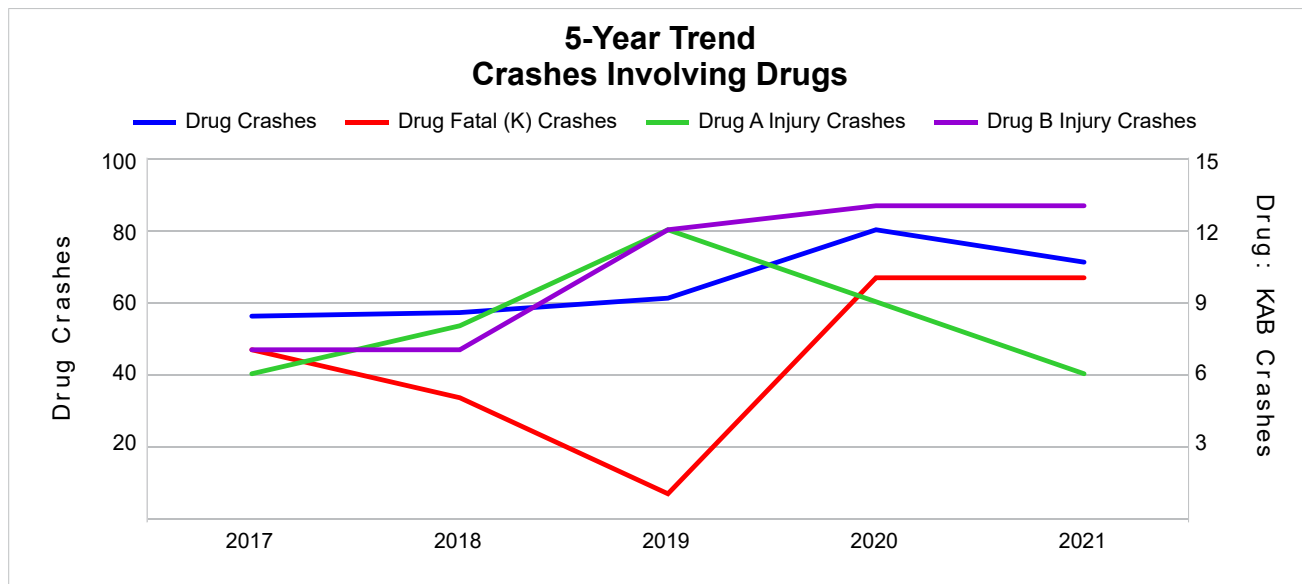
Note: Had-Been-Drinking (HBD)

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	5,012	56	1.1	16	7	43.8	97	6	6.2	302	7	2.3
2018	4,899	57	1.2	16	5	31.3	101	8	7.9	292	7	2.4
2019	4,828	61	1.3	25	1	4.0	91	12	13.2	314	12	3.8
2020	4,242	80	1.9	23	10	43.5	84	9	10.7	282	13	4.6
2021	4,673	71	1.5	17	10	58.8 **	85	6	7.1	290	13	4.5

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.

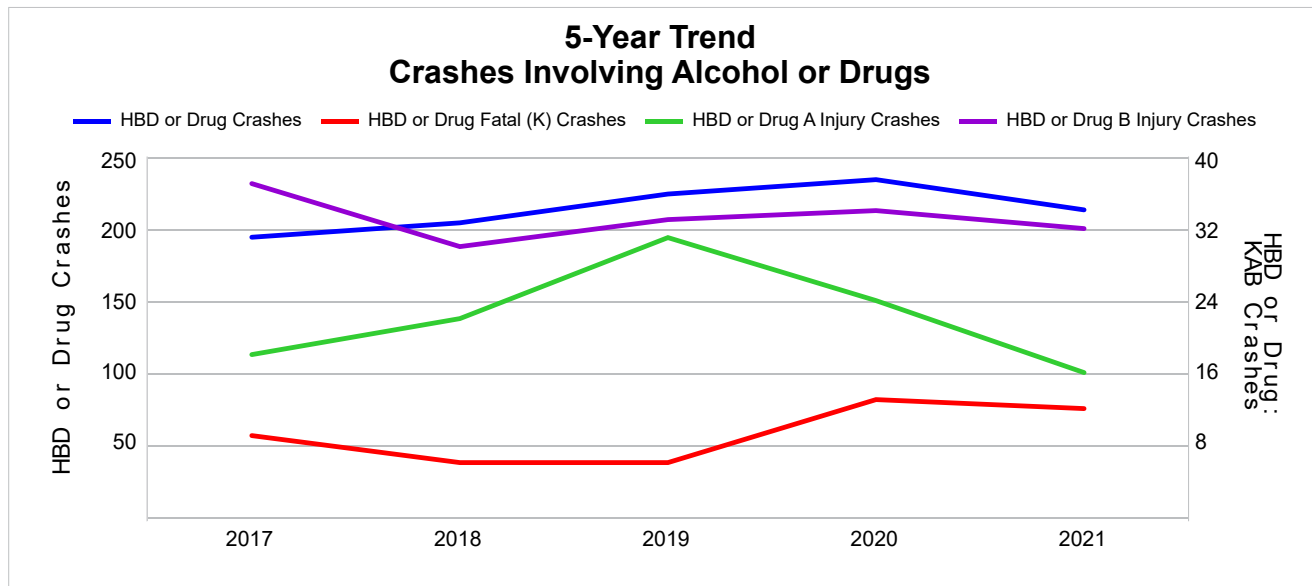


5-Year Trend - Crashes Involving Alcohol or Drugs

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	5,012	194	3.9	16	9	56.3	97	18	18.6	302	37	12.3
2018	4,899	204	4.2	16	6	37.5	101	22	21.8	292	30	10.3
2019	4,828	224	4.6	25	6	24.0	91	31	34.1	314	33	10.5
2020	4,242	234	5.5	23	13	56.5	84	24	28.6	282	34	12.1
2021	4,673	213	4.6	17	12	70.6 **	85	16 *	18.8	290	32	11.0

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.



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	6,634	5,553	83.7	9	5	55.6	60	40	66.7	286	244	85.3	523	475	90.8	5,396	4,789	88.8
Motor Home	71	57	80.3	0	0	0.0	0	0	0.0	5	3	60.0	3	3	100.0	60	51	85.0
Pickup Truck	780	670	85.9	2	2	100.0	7	4	57.1	24	23	95.8	48	45	93.8	657	596	90.7
Small Truck Under 10,000 lbs. GVWR	69	55	79.7	0	0	0.0	1	1	100.0	0	0	0.0	6	5	83.3	58	49	84.5
Motorcycle	98	49	50.0	7	2	28.6	25	12	48.0	33	18	54.5	11	6	54.5	20	11	55.0
Moped/Goped	20	8	40.0	0	0	0.0	0	0	0.0	7	2	28.6	7	4	57.1	6	2	33.3
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	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	9	2	22.2	0	0	0.0	3	1	33.3	4	0	0.0	1	0	0.0	1	1	100.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	65	29	44.6	0	0	0.0	1	0	0.0	3	2	66.7	8	2	25.0	50	25	50.0
Truck/Bus (over 10,000 lbs. GVWR/ 8+ occupants/ hazmat placard)	162	141	87.0	0	0	0.0	1	0	0.0	1	1	100.0	5	1	20.0	152	139	91.4
Uncoded & Errors	150	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	38	0	0.0
Total	8,059	6,565	81.5	18	9	50.0	98	58	59.2	363	293	80.7	613	542	88.4	6,438	5,663	88.0

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.

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	111	89	80.2	0	0	0.0	7	2	28.6	33	26	78.8	48	44	91.7	23	17	73.9
16 - 20	956	885	92.6	1	1	100.0	13	7	53.8	51	38	74.5	105	95	90.5	785	744	94.8
21 - 24	685	630	92.0	2	2	100.0	7	4	57.1	42	31	73.8	60	56	93.3	573	537	93.7
25 - 64	4,569	4,115	90.1	10	3	30.0	54	31	57.4	199	163	81.9	341	296	86.8	3,923	3,622	92.3
65 +	894	845	94.5	5	3	60.0	16	14	87.5	38	35	92.1	55	51	92.7	775	742	95.7
Unknown	844	1	0.1	0	0	0.0	1	0	0.0	0	0	0.0	4	0	0.0	359	1	0.3
Total	8,059	6,565	81.5	18	9	50.0	98	58	59.2	363	293	80.7	613	542	88.4	6,438	5,663	88.0

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	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	11	0	5	6	0	1	13	0	6	13	0	0	12	0	2
Shoulder Belt Only Used	79	0	8	43	0	4	45	0	2	55	0	8	10	0	1
Lap Belt Only Used	8	0	2	13	0	3	4	0	0	5	0	1	8	0	0
Both Lap & Shoulder Belt Used	7,179	5	746	6,835	5	754	6,746	10	632	5,677	2	577	6,273	6	636
No Belts Used	49	3	27	48	4	27	40	2	25	58	7	32	58	2	24
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	1	0	0	1	0	0
Restraint Use Unknown	1,029	3	43	1,185	0	61	1,155	1	55	1,108	2	39	1,323	1	69
Helmet Worn	36	0	20	63	5	39	46	2	33	37	1	28	54	2	38
Helmet Not Worn	29	0	19	36	0	34	40	5	26	56	3	44	53	3	41
Helmet Use Unknown	4	0	3	6	0	3	6	0	4	2	1	1	5	2	3
Uncoded & Errors	42	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Total	8,466	11	873	8,236	14	926	8,095	20	783	7,012	16	730	7,797	16	814

5-Year Trend - Restraint Use Among Drivers Coded Drinking

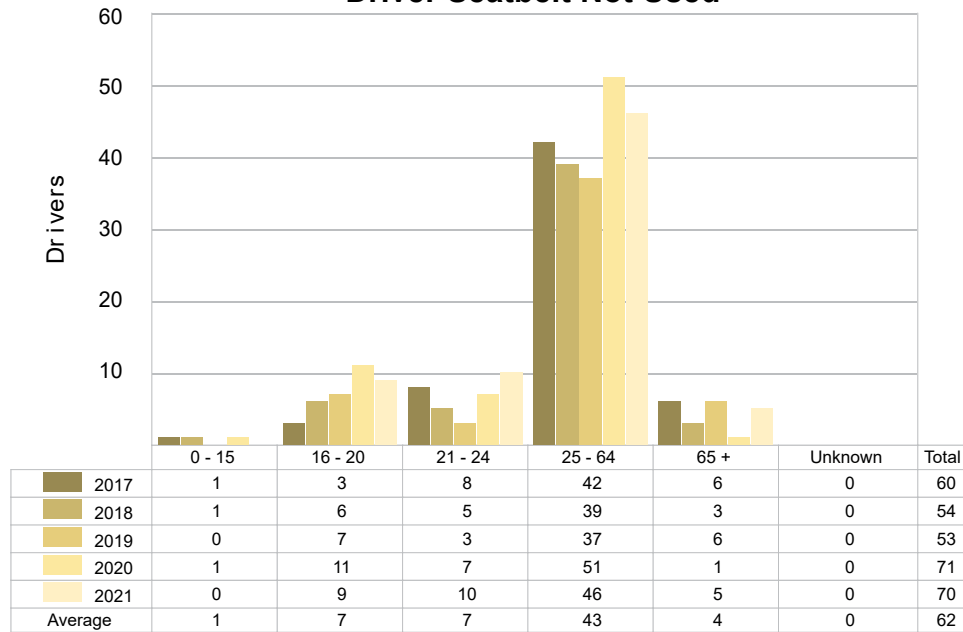
Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Shoulder Belt Only Used	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Lap Belt Only Used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Both Lap & Shoulder Belt Used	113	1	35	113	0	27	129	1	35	118	1	26	120	1	32
No Belts Used	15	2	11	8	1	7	9	0	7	18	4	11	14	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	31	1	10	30	0	8	39	0	8	42	1	14	26	0	11
Helmet Worn	1	0	1	4	1	3	3	0	3	0	0	0	4	1	3
Helmet Not Worn	1	0	1	3	0	3	7	2	4	7	1	6	6	1	5
Helmet Use Unknown	1	0	1	0	0	0	2	0	1	1	1	0	0	0	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	164	4	61	158	2	48	189	3	58	187	8	57	170	4	56

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	1	0	0	0	0	0	1	0	1	0	0	0
16 - 20	3	0	2	6	0	4	7	0	4	11	1	5	9	0	5
21 - 24	8	0	5	5	0	3	3	0	3	7	0	3	10	0	4
25 - 64	42	2	22	39	4	19	37	2	22	51	6	23	46	1	14
65 +	6	1	3	3	0	2	6	0	2	1	0	0	5	1	3
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	60	3	32	54	4	28	53	2	31	71	7	32	70	2	26

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

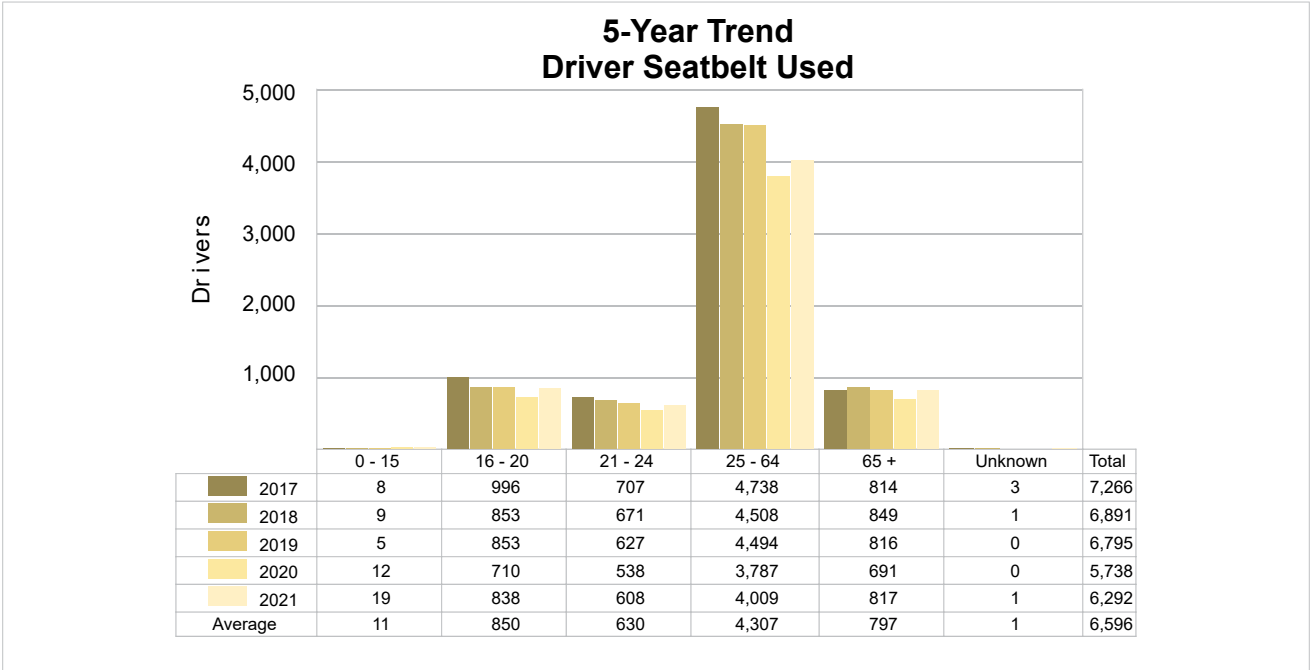
5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	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	8	0	0	9	0	1	5	0	0	12	0	5	19	0	3
16 - 20	996	0	104	853	0	90	853	3	85	710	0	71	838	1	94
21 - 24	707	0	62	671	1	76	627	0	58	538	0	53	608	1	72
25 - 64	4,738	3	492	4,508	2	496	4,494	4	400	3,787	1	379	4,009	2	394
65 +	814	2	98	849	2	98	816	3	91	691	1	78	817	2	74
Unknown	3	0	0	1	0	0	0	0	0	0	0	0	1	0	0
Total	7,266	5	756	6,891	5	761	6,795	10	634	5,738	2	586	6,292	6	637

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	4,129	11	4,205	13	4,163	17	3,711	18	4,114	11
Speed Too Fast	933	6	920	2	950	3	775	5	880	3
Speed Too Slow	2	0	5	0	3	0	2	0	2	0
Failed to Yield	894	4	987	5	881	9	734	1	824	3
Disregard Traffic Control	183	0	229	1	250	0	217	1	209	1
Drove Wrong Way	4	0	7	0	4	0	7	0	8	0
Drove Left of Center	66	2	58	1	44	0	37	0	58	0
Improper Passing	55	0	52	0	35	0	65	0	60	2
Improper Lane Use	189	0	207	0	213	0	204	0	204	0
Improper Turn	53	0	66	0	96	0	65	0	71	1
Improper/No Signal	12	0	13	0	6	0	12	0	7	0
Improper Backing	149	0	136	0	132	0	111	0	121	0
Unable to Stop in Assured Clear Distance	896	0	729	0	722	2	550	3	607	2
Other	209	0	166	0	194	3	158	0	171	0
Unknown	240	1	236	2	238	5	179	3	302	0
Reckless Driving	37	1	31	2	26	1	48	4	36	4
Careless/Negligent Driving	198	1	188	3	138	1	137	2	123	1
Uncoded & Errors	217	0	1	0	0	0	0	0	0	0
Total	8,466	26	8,236	29	8,095	41	7,012	37	7,797	28

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