



2021

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

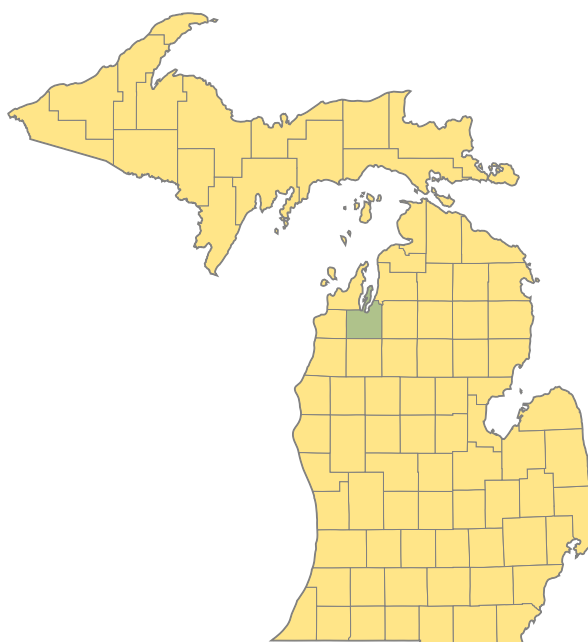
O = No Injury

Property Damage Only (PDO)



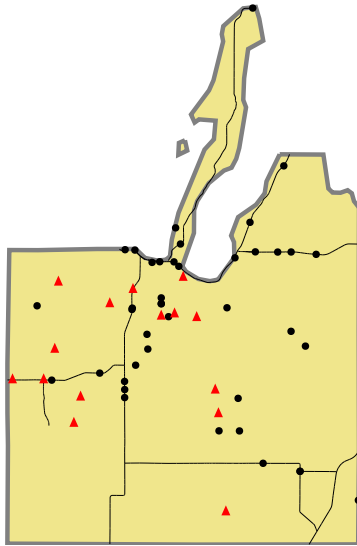
Grand Traverse County

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 (15/15)

● A - Suspected Serious (41/41)

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	213	0	20	193	0	25
February	234	0	25	209	0	31
March	187	2	29	156	3	43
April	195	1	33	161	1	46
May	220	0	33	187	0	47
June	293	1	52	240	1	81
July	297	2	44	251	2	62
August	287	3	36	248	3	47
September	302	2	51	249	2	70
October	343	2	57	284	2	78
November	353	1	45	307	1	59
December	351	1	35	315	1	48
Total	3,275	15	460	2,800	16	637

2021 - Driver Statistics

Age Group	Grand Traverse County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	16,385	445	7	4.3	157.3
16 - 20	5,102	4,276	659	1,291.7	1,541.2
21 - 24	4,026	3,953	442	1,097.9	1,118.1
25 - 64	48,249	46,209	3,226	668.6	698.1
65 +	19,326	20,147	861	445.5	427.4
Unknown	0	0	239	--	--
Total	93,088	75,030	5,434	583.7	724.2

*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	4,216	77.6	15	57.7	658	3,543
Motor Home	10	0.2	0	0.0	3	7
Pickup Truck	906	16.7	3	11.5	140	763
Small Truck Under 10,000 lbs. GVWR	17	0.3	0	0.0	1	16
Motorcycle	34	0.6	5	19.2	23	6
Moped/Goped	0	0.0	0	0.0	0	0
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)	6	0.1	0	0.0	3	3
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	21	0.4	0	0.0	3	18
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	146	2.7	3	11.5	16	127
Uncoded & Errors	77	1.4	0	0.0	3	74
Total	5,434	100.0	26	100.0	851	4,557

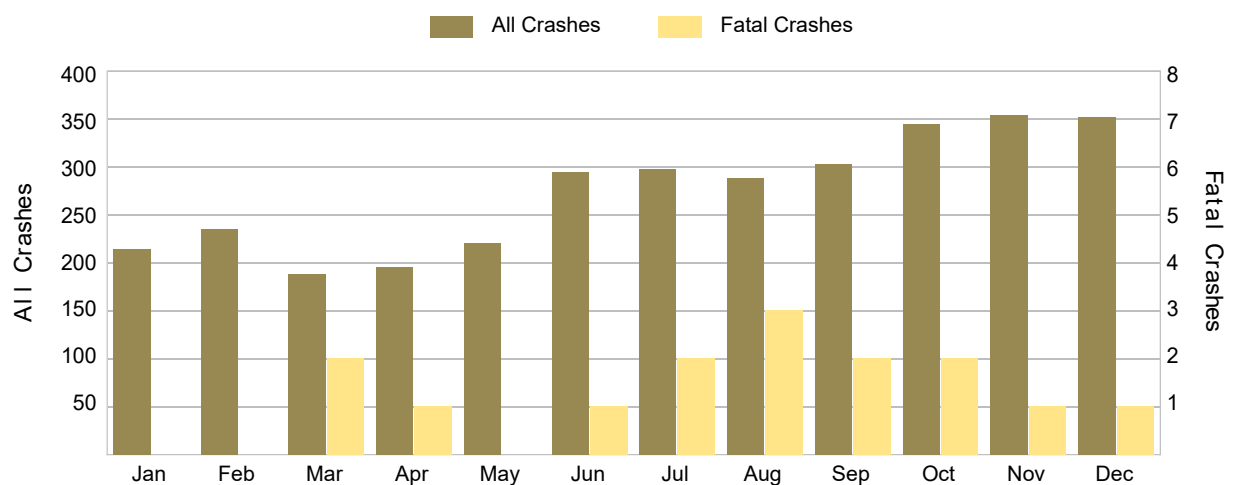
5-Year Trend - Crashes by Month

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	371	0	339	0	420	1	292	0	213	0
February	249	0	251	0	274	0	303	0	234	0
March	247	1	275	0	231	0	142	1	187	2
April	154	0	256	1	201	0	86	0	195	1
May	269	0	261	0	265	0	128	0	220	0
June	294	1	271	2	296	0	254	1	293	1
July	296	0	313	0	320	2	257	0	297	2
August	339	1	288	0	309	0	246	2	287	3
September	328	3	240	2	282	0	224	0	302	2
October	371	0	374	0	350	1	326	1	343	2
November	346	1	424	1	405	1	306	0	353	1
December	470	1	373	0	378	3	257	0	351	1
Total	3,734	8	3,665	6	3,731	8	2,821	5	3,275	15

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	532	0	538	1	532	2	458	0	502	2
Tuesday	536	1	624	0	573	2	435	1	502	2
Wednesday	634	2	582	1	660	0	406	0	504	1
Thursday	637	2	595	0	600	1	460	0	524	1
Friday	616	2	604	2	648	1	479	2	545	4
Saturday	450	1	420	1	384	2	322	1	405	4
Sunday	329	0	302	1	334	0	261	1	293	1
Total	3,734	8	3,665	6	3,731	8	2,821	5	3,275	15

2021 Crashes by Month

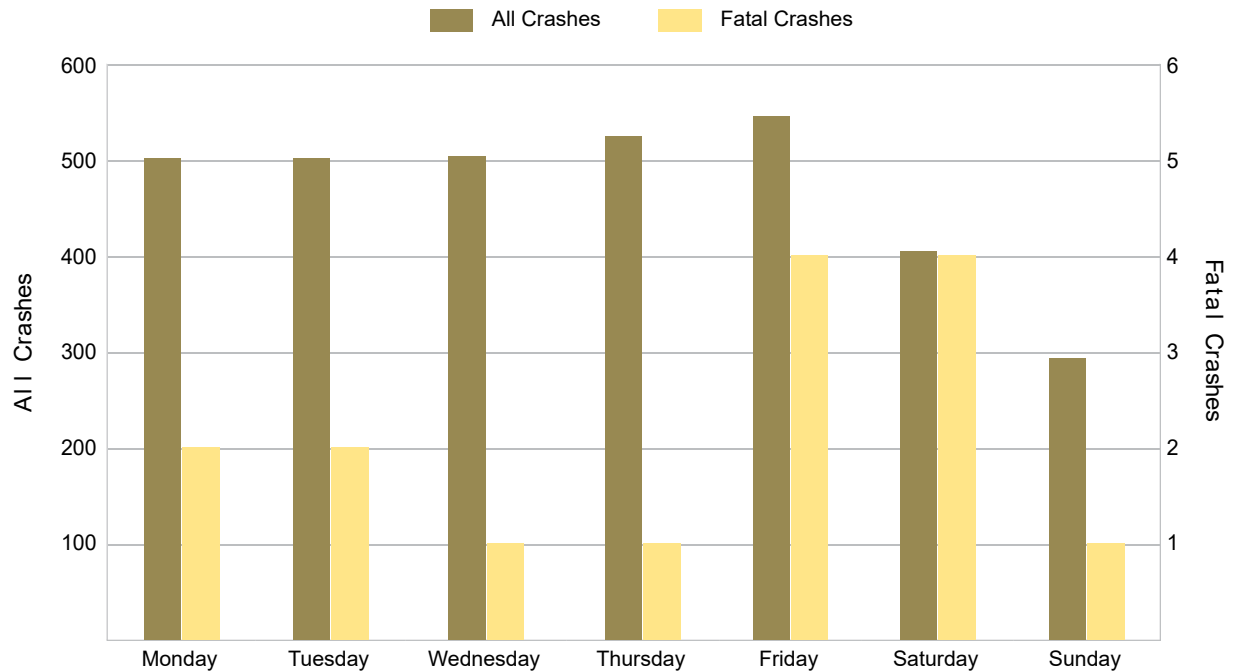


Grand Traverse County (continued)

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	502	15.3	2	13.3	10	17	45	428
Tuesday	502	15.3	2	13.3	4	22	34	440
Wednesday	504	15.4	1	6.7	4	26	38	435
Thursday	524	16.0	1	6.7	7	21	55	440
Friday	545	16.6	4	26.7	3	18	52	468
Saturday	405	12.4	4	26.7	9	15	33	344
Sunday	293	8.9	1	6.7	4	14	29	245
Total	3,275	100.0	15	100.0	41	133	286	2,800

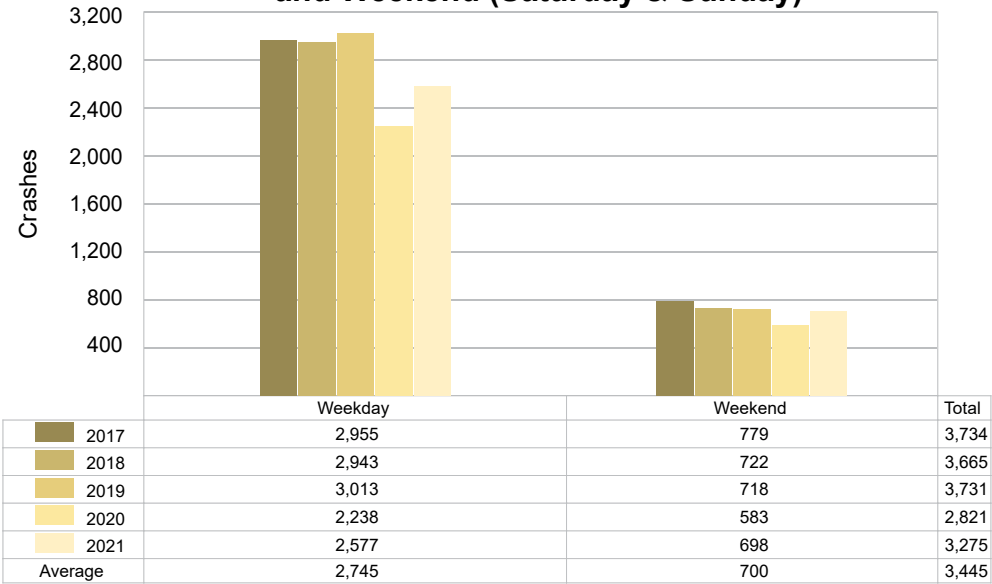
2021 Day of Week and Severity



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	2,955	7	2,943	4	3,013	6	2,238	3	2,577	10
Weekend	779	1	722	2	718	2	583	2	698	5
Total	3,734	8	3,665	6	3,731	8	2,821	5	3,275	15

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

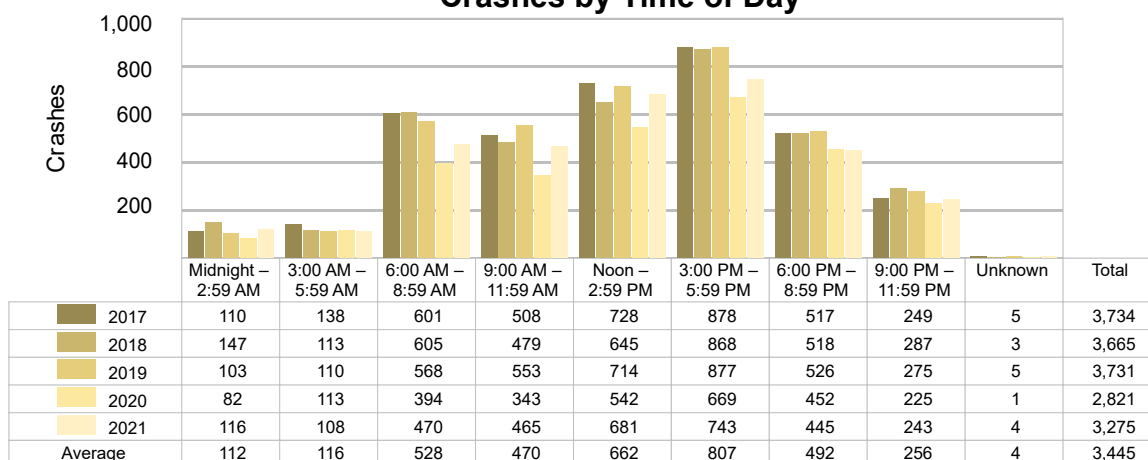


5-Year Trend - Crashes by Time of Day

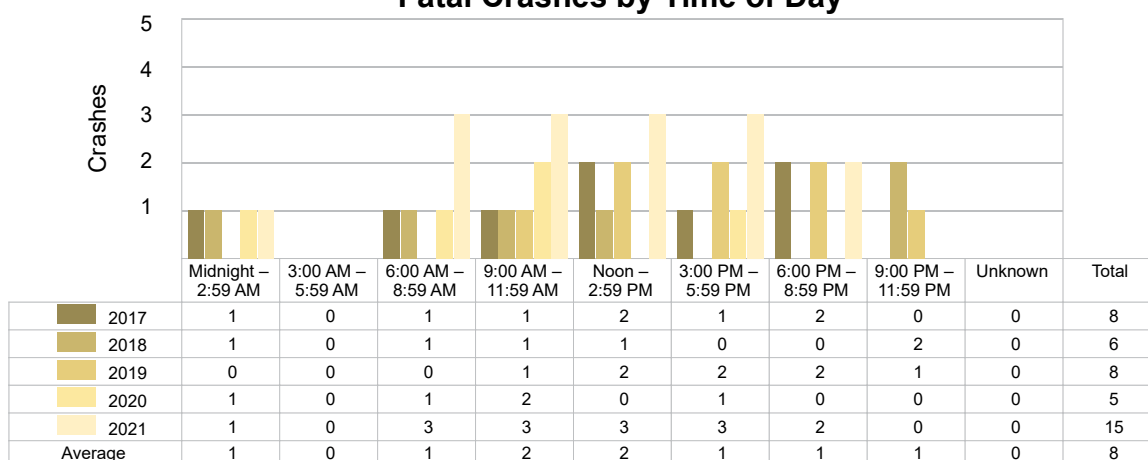
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	110	1	147	1	103	0	82	1	116	1
3:00 AM – 5:59 AM	138	0	113	0	110	0	113	0	108	0
6:00 AM – 8:59 AM	601	1	605	1	568	0	394	1	470	3
9:00 AM – 11:59 AM	508	1	479	1	553	1	343	2	465	3
Noon – 2:59 PM	728	2	645	1	714	2	542	0	681	3
3:00 PM – 5:59 PM	878 †	1	868 †	0	877 †	2	669 †	1	743 †	3
6:00 PM – 8:59 PM	517	2	518	0	526	2	452	0	445	2
9:00 PM – 11:59 PM	249	0	287	2	275	1	225	0	243	0
Unknown	5	0	3	0	5	0	1	0	4	0
Total	3,734	8	3,665	6	3,731	8	2,821	5	3,275	15

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

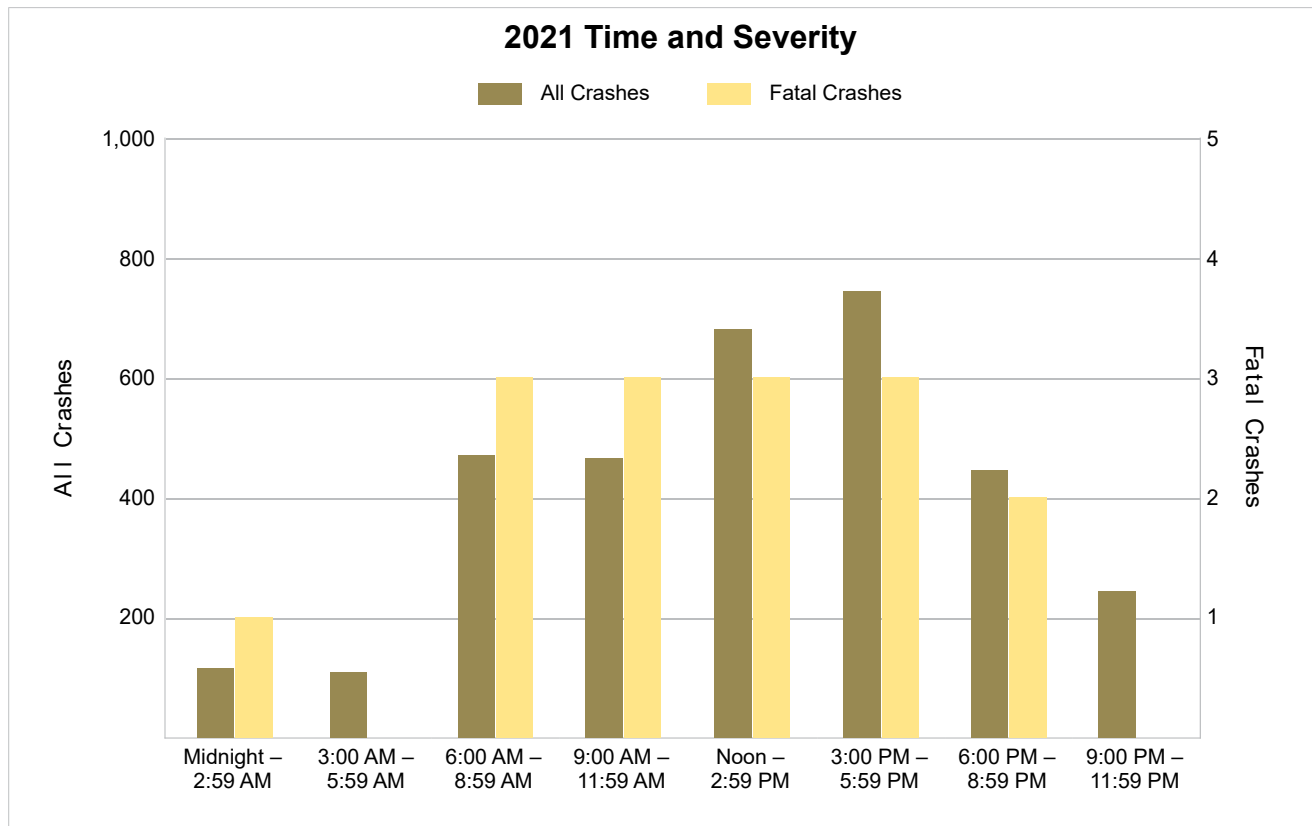


5-Year Trend Fatal Crashes by Time of Day



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	116	3.5	1	6.7	4	5	6	100
3:00 AM – 5:59 AM	108	3.3	0	0.0	2	2	7	97
6:00 AM – 8:59 AM	470	14.4	3	20.0	5	8	30	424
9:00 AM – 11:59 AM	465	14.2	3	20.0	4	17	46	395
Noon – 2:59 PM	681	20.8	3	20.0	7	36	57	578
3:00 PM – 5:59 PM	743	22.7	3	20.0	6	35	77	622
6:00 PM – 8:59 PM	445	13.6	2	13.3	9	24	38	372
9:00 PM – 11:59 PM	243	7.4	0	0.0	4	6	25	208
Unknown	4	0.1	0	0.0	0	0	0	4
Total	3,275	100.0	15	100.0	41	133	286	2,800

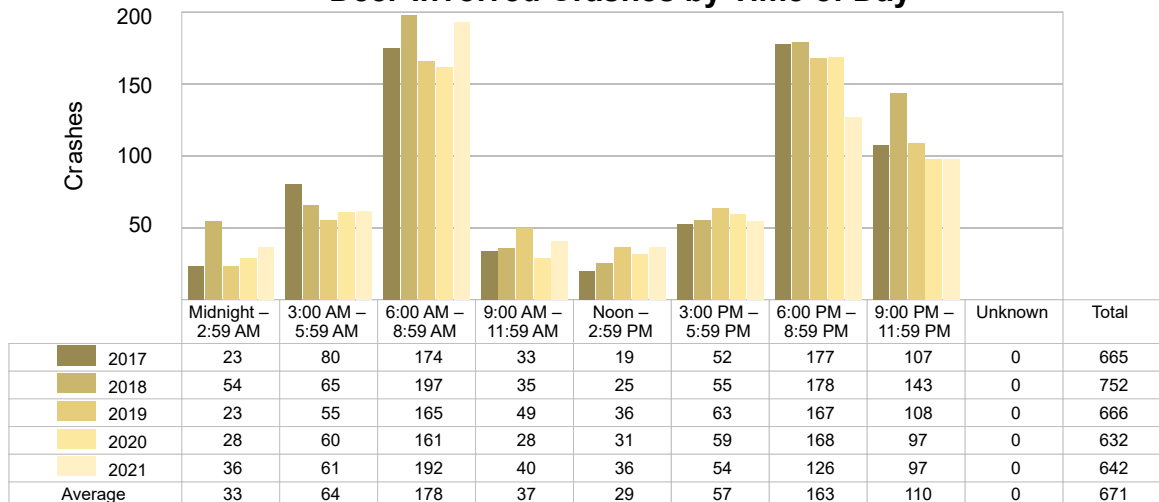


Grand Traverse County (continued)

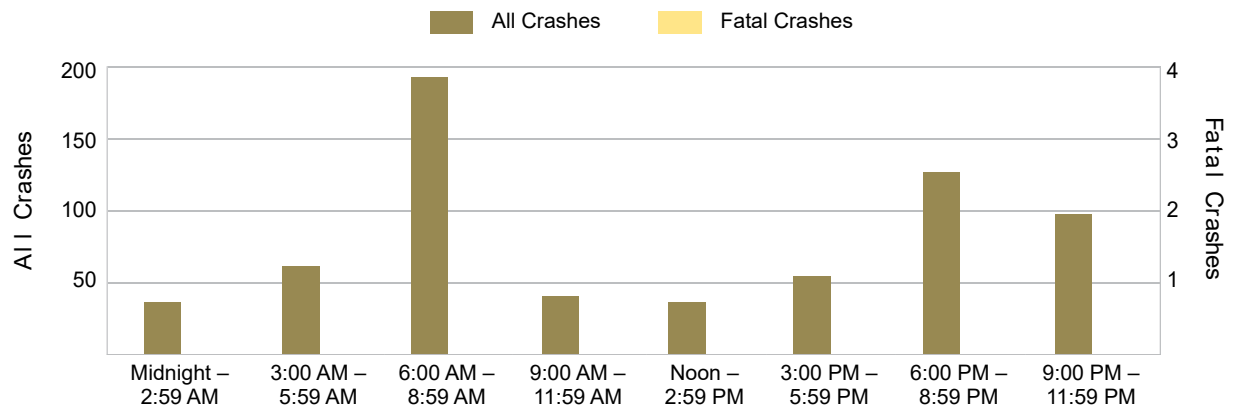
5-Year Trend - Deer-Involved Crashes by Time of Day

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	23	0	54	0	23	0	28	0	36	0
3:00 AM – 5:59 AM	80	0	65	0	55	0	60	0	61	0
6:00 AM – 8:59 AM	174	0	197	0	165	0	161	0	192	0
9:00 AM – 11:59 AM	33	0	35	0	49	0	28	0	40	0
Noon – 2:59 PM	19	0	25	0	36	0	31	0	36	0
3:00 PM – 5:59 PM	52	0	55	0	63	0	59	0	54	0
6:00 PM – 8:59 PM	177	0	178	0	167	0	168	0	126	0
9:00 PM – 11:59 PM	107	0	143	0	108	0	97	0	97	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	665	0	752	0	666	0	632	0	642	0

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



2021 Time and Severity of Deer-Involved Crashes

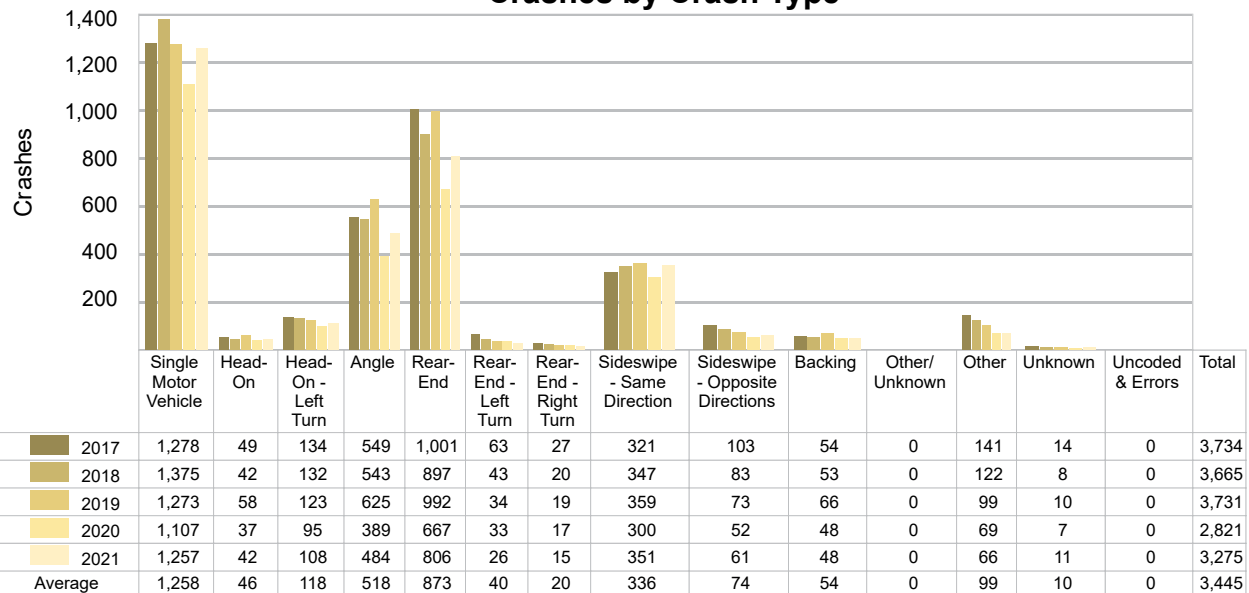


There were no fatal deer-involved crashes in Grand Traverse County in 2021.

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	1,278	2	1,375	3	1,273	2	1,107	4	1,257	5
Head-On	49	2	42	1	58	2	37	0	42	3
Head-On - Left Turn	134	0	132	1	123	1	95	0	108	1
Angle	549	3	543	0	625	1	389	1	484	3
Rear-End	1,001	0	897	0	992	1	667	0	806	1
Rear-End - Left Turn	63	0	43	0	34	1	33	0	26	1
Rear-End - Right Turn	27	0	20	0	19	0	17	0	15	0
Sideswipe - Same Direction	321	1	347	0	359	0	300	0	351	0
Sideswipe - Opposite Directions	103	0	83	0	73	0	52	0	61	1
Backing	54	0	53	0	66	0	48	0	48	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	141	0	122	1	99	0	69	0	66	0
Unknown	14	0	8	0	10	0	7	0	11	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	3,734	8	3,665	6	3,731	8	2,821	5	3,275	15

5-Year Trend Crashes by Crash Type

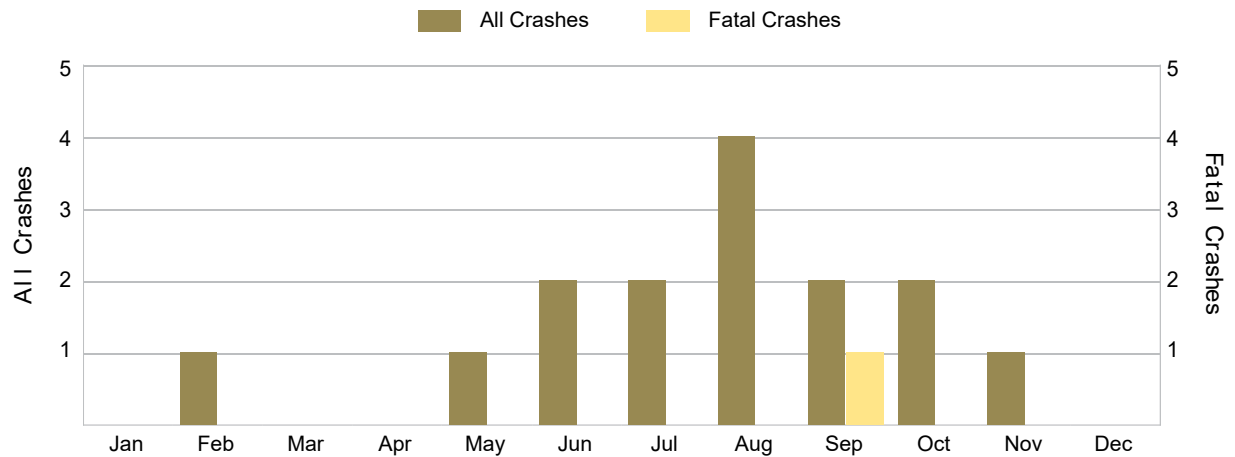


Grand Traverse County (continued)

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	0	0	2	0	0	0	1	0	0	0
February	2	0	0	0	0	0	0	0	1	0
March	1	0	3	0	2	0	3	1	0	0
April	1	0	2	0	1	0	0	0	0	0
May	3	0	0	0	2	0	0	0	1	0
June	2	0	1	0	2	0	1	0	2	0
July	3	0	0	0	2	1	3	0	2	0
August	2	0	2	0	2	0	3	1	4	0
September	2	0	1	0	1	0	5	0	2	1
October	1	0	3	0	4	0	2	1	2	0
November	1	0	0	0	2	1	0	0	1	0
December	1	1	3	0	3	0	1	0	0	0
Total	19	1	17	0	21	2	19	3	15	1

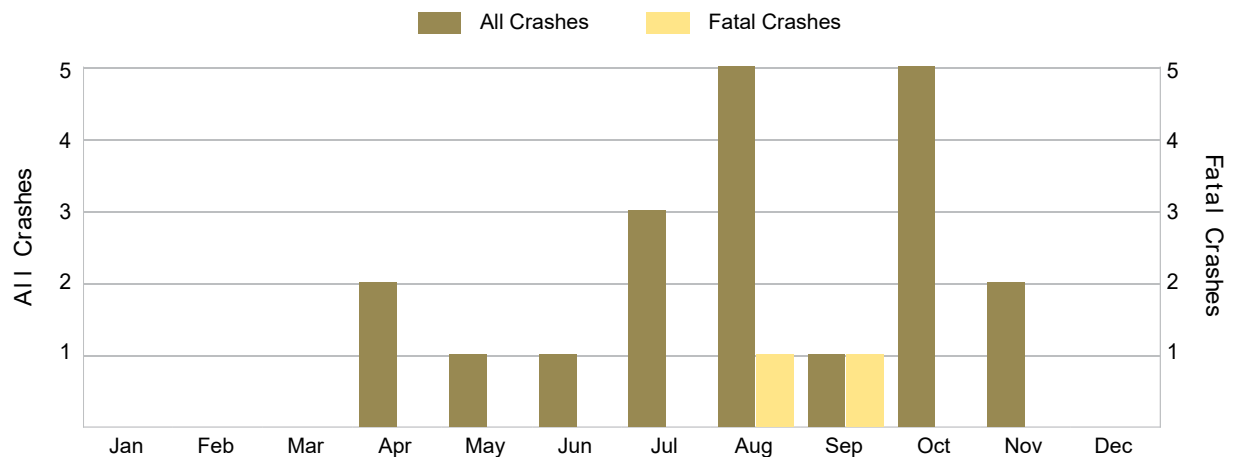
2021 Pedestrian-Involved Crashes by Month



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	0	0	0	0	0	0	0	0	0	0
February	0	0	1	0	1	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0
April	0	0	1	0	0	0	0	0	2	0
May	1	0	3	0	4	0	2	0	1	0
June	4	0	4	0	3	0	2	0	1	0
July	3	0	11	0	3	0	2	0	3	0
August	4	0	4	0	8	0	3	0	5	1
September	5	1	1	0	1	0	2	0	1	1
October	3	0	1	0	5	0	0	0	5	0
November	0	0	0	0	0	0	0	0	2	0
December	0	0	1	0	0	0	1	0	0	0
Total	20	1	27	0	25	0	12	0	20	2

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
Acme Twp.	192	0	24	168	0	88	66	37	4	1	61	0	1
Blair Twp.	248	0	44	204	0	99	56	93	7	6	41	1	0
East Bay Twp.	382	3	45	334	0	129	0	253	16	5	90	0	4
Fife Lake	0	0	0	0	0	0	0	0	0	0	0	0	0
Fife Lake Twp.	84	0	11	73	0	25	41	18	6	1	32	1	0
Garfield Twp.	827	3	135	689	0	170	9	645	23	11	104	3	3
Grant Twp.	34	0	1	33	0	0	0	33	1	0	23	0	0
Green Lake Twp.	153	5	20	128	0	65	10	77	6	6	50	1	1
Kingsley	0	0	0	0	0	0	0	0	0	0	0	0	0
Long Lake Twp.	149	1	14	134	0	0	12	136	7	1	59	0	0
Mayfield Twp.	87	0	18	69	0	0	44	43	2	0	30	0	0
Paradise Twp.	130	2	20	108	0	0	39	91	4	2	45	0	0
Peninsula Twp.	72	0	13	59	0	0	46	26	8	2	29	1	1
Traverse City	785	1	96	688	0	334	45	405	25	9	24	8	10
Union Twp.	23	0	1	22	0	0	0	23	1	0	10	0	0
Whitewater Twp.	109	0	18	91	0	0	58	51	9	1	44	0	0
Total	3,275	15	460	2,800	0	910	426	1,931	119	45	642	15	20

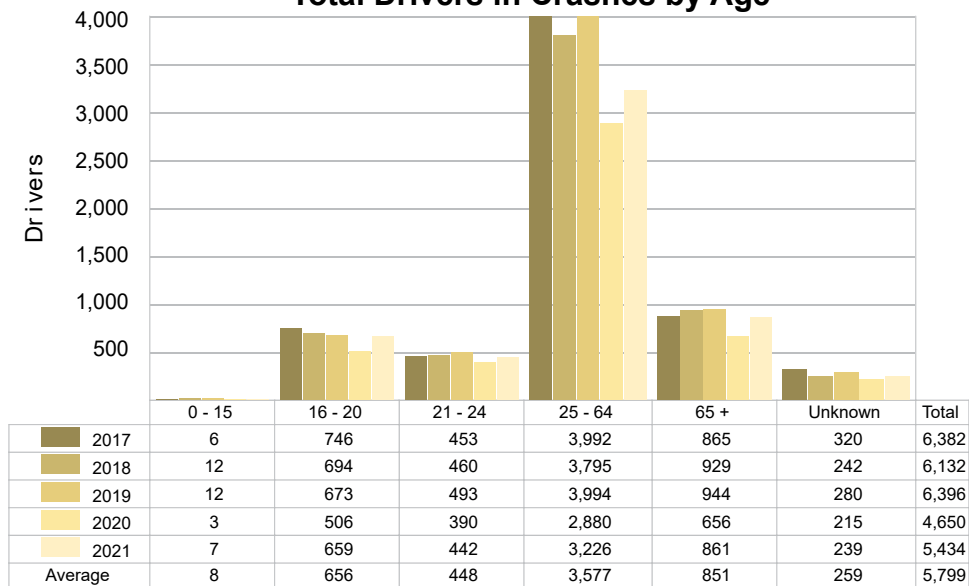
2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Acme Twp.	0	11	38	14	272	11
Blair Twp.	0	15	19	72	383	11
East Bay Twp.	3	2	41	56	573	12
Fife Lake	0	0	0	0	0	0
Fife Lake Twp.	0	5	7	14	107	5
Garfield Twp.	3	19	90	216	1,361	56
Grant Twp.	0	0	0	2	36	1
Green Lake Twp.	6	2	11	35	201	6
Kingsley	0	0	0	0	0	0
Long Lake Twp.	1	1	8	17	180	5
Mayfield Twp.	0	0	16	20	104	1
Paradise Twp.	2	8	15	12	151	8
Peninsula Twp.	0	4	10	15	93	2
Traverse City	1	10	46	181	1,351	128
Union Twp.	0	0	0	2	25	1
Whitewater Twp.	0	8	14	14	123	2
Total	16	85	315	670	4,960	249

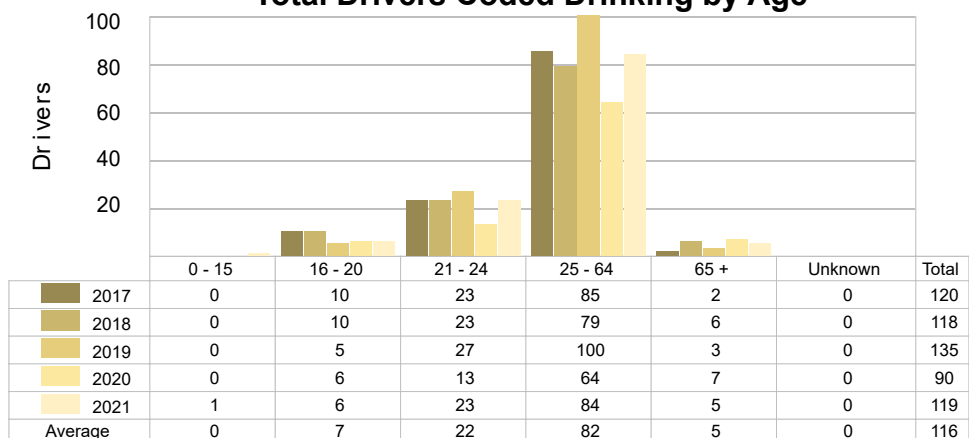
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	6	0	12	0	12	0	3	0	7	1
16 - 20	746	10	694	10	673	5	506	6	659	6
21 - 24	453	23	460	23	493	27	390	13	442	23
25 - 64	3,992	85	3,795	79	3,994	100	2,880	64	3,226	84
65 +	865	2	929	6	944	3	656	7	861	5
Unknown	320	0	242	0	280	0	215	0	239	0
Total	6,382	120	6,132	118	6,396	135	4,650	90	5,434	119

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	1	1	1	1	0	0	1	0	0
16 - 20	14	11	5	6	0	2	3	0	1
21 - 24	31	21	18	23	0	2	8	4	9
25 - 64	103	118	73	84	0	9	21	30	24
65 +	11	7	4	5	0	0	2	0	3
Unknown	3	1	0	0	0	0	0	0	0
Total	163	159	101	119	0	13	35	34	37

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).

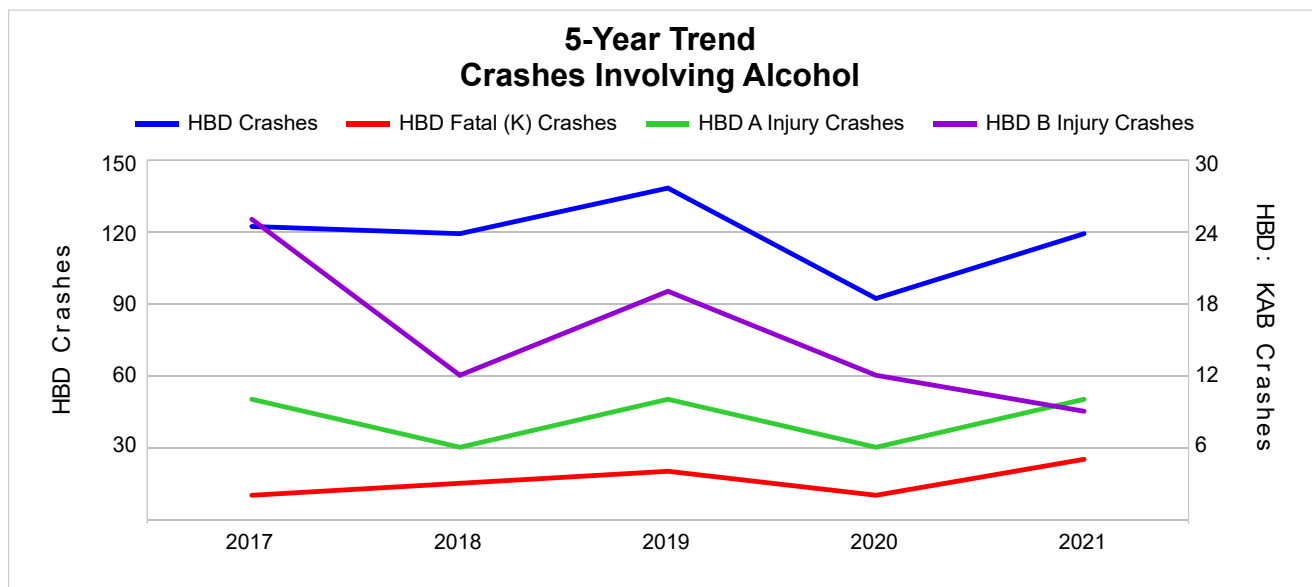
A driver may be coded by the officer as drinking even though no test is administered.

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	3,734	122	3.3	8	2	25.0	53	10	18.9	161	25	15.5
2018	3,665	119	3.2	6	3	50.0	54	6	11.1	161	12	7.5
2019	3,731	138	3.7	8	4	50.0	45	10	22.2	155	19	12.3
2020	2,821	92	3.3	5	2	40.0	48	6	12.5	115	12	10.4
2021	3,275	119	3.6	15 **	5 **	33.3	41 *	10	24.4 **	133	9 *	6.8 *

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

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



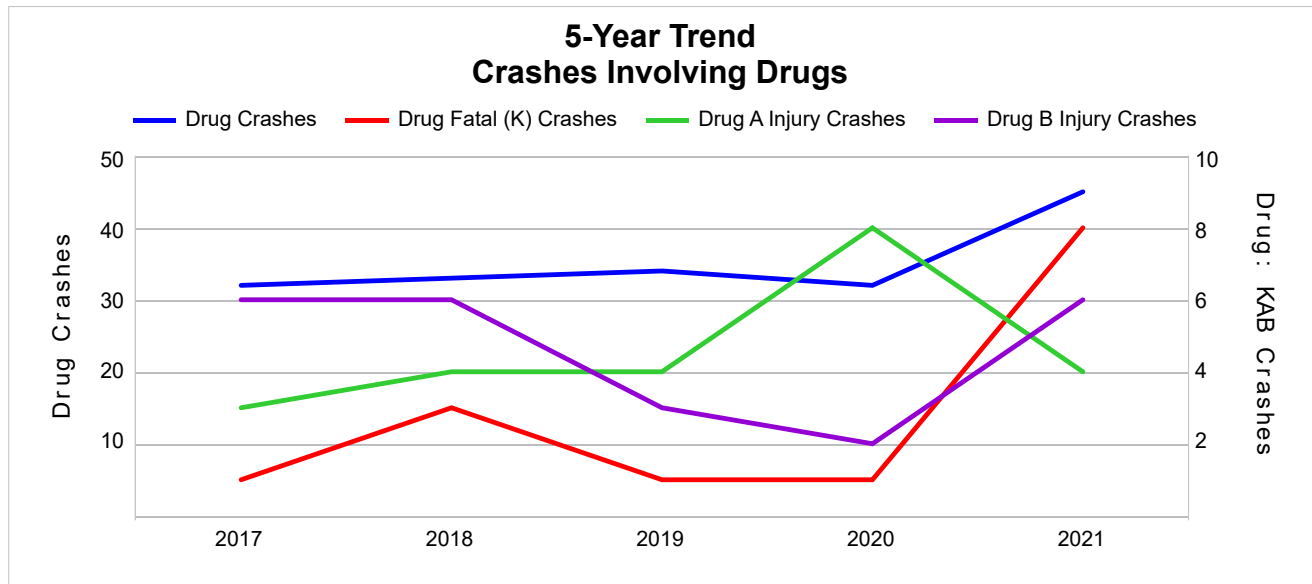
Note: Had-Been-Drinking (HBD)

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	3,734	32	0.9	8	1	12.5	53	3	5.7	161	6	3.7
2018	3,665	33	0.9	6	3	50.0	54	4	7.4	161	6	3.7
2019	3,731	34	0.9	8	1	12.5	45	4	8.9	155	3	1.9
2020	2,821	32	1.1	5	1	20.0	48	8	16.7	115	2	1.7
2021	3,275	45 **	1.4 **	15 **	8 **	53.3 **	41 *	4	9.8	133	6	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.

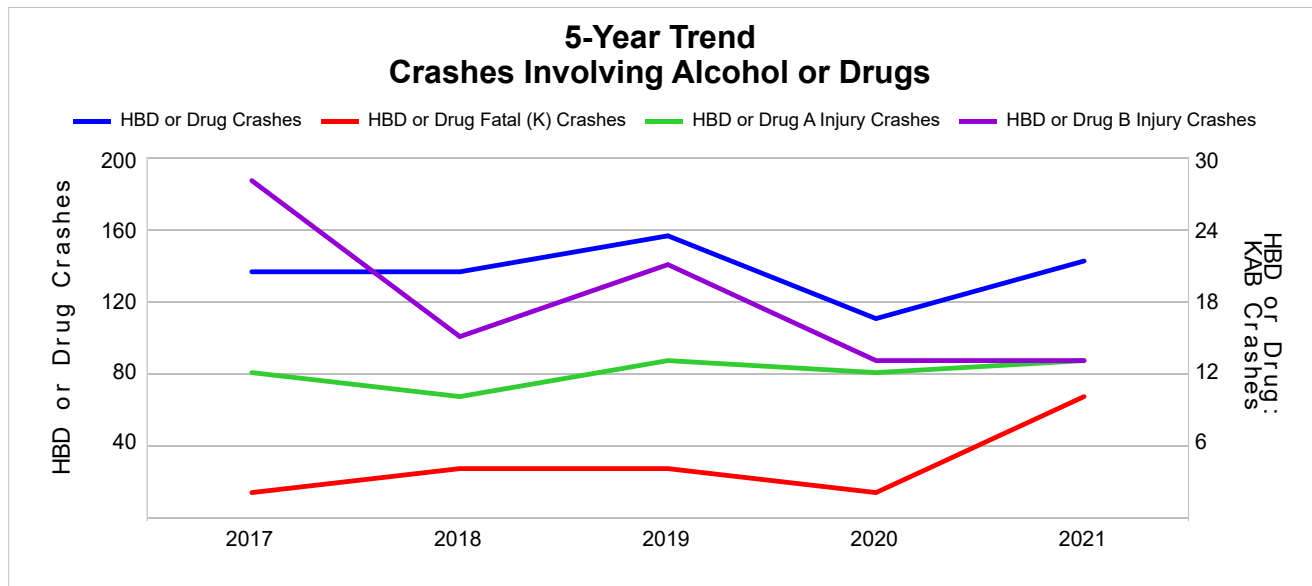


5-Year Trend - Crashes Involving Alcohol or Drugs

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	3,734	136	3.6	8	2	25.0	53	12	22.6	161	28	17.4
2018	3,665	136	3.7	6	4	66.7	54	10	18.5	161	15	9.3
2019	3,731	156	4.2	8	4	50.0	45	13	28.9	155	21	13.5
2020	2,821	110	3.9	5	2	40.0	48	12	25.0	115	13	11.3
2021	3,275	142	4.3 **	15 **	10 **	66.7	41 *	13	31.7 **	133	13	9.8

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

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



Note: Had-Been-Drinking (HBD)

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	4,334	4,136	95.4	7	4	57.1	37	31	83.8	138	126	91.3	323	312	96.6	3,708	3,663	98.8
Motor Home	12	11	91.7	0	0	0.0	0	0	0.0	1	1	100.0	3	3	100.0	7	7	100.0
Pickup Truck	923	851	92.2	1	1	100.0	3	2	66.7	20	19	95.0	51	47	92.2	804	782	97.3
Small Truck Under 10,000 lbs. GVWR	17	16	94.1	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	16	15	93.8
Motorcycle	35	20	57.1	5	2	40.0	6	4	66.7	11	4	36.4	5	4	80.0	8	6	75.0
Moped/Goped	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	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	1	1	100.0	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	6	2	33.3	0	0	0.0	1	1	100.0	1	0	0.0	1	0	0.0	3	1	33.3
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	21	17	81.0	0	0	0.0	0	0	0.0	2	1	50.0	0	0	0.0	19	16	84.2
Truck/Bus (over 10,000 lbs. GVWR/ 8+ occupants/ hazmat placard)	147	140	95.2	0	0	0.0	0	0	0.0	2	2	100.0	4	4	100.0	137	134	97.8
Uncoded & Errors	77	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	5,573	5,194	93.2	13	7	53.8	47	38	80.9	176	154	87.5	388	371	95.6	4,702	4,624	98.3

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	29	26	89.7	0	0	0.0	2	2	100.0	5	4	80.0	17	16	94.1	5	4	80.0
16 - 20	693	680	98.1	1	0	0.0	3	1	33.3	33	29	87.9	54	51	94.4	602	599	99.5
21 - 24	452	436	96.5	2	1	50.0	4	3	75.0	16	15	93.8	40	39	97.5	389	378	97.2
25 - 64	3,277	3,189	97.3	8	5	62.5	31	25	80.6	78	66	84.6	218	206	94.5	2,936	2,887	98.3
65 +	883	863	97.7	2	1	50.0	7	7	100.0	44	40	90.9	59	59	100.0	770	756	98.2
Unknown	239	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	5,573	5,194	93.2	13	7	53.8	47	38	80.9	176	154	87.5	388	371	95.6	4,702	4,624	98.3

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	4	0	1	5	0	1	3	0	1	3	0	1	8	0	3
Shoulder Belt Only Used	25	0	1	15	0	0	18	0	0	14	0	2	18	0	0
Lap Belt Only Used	28	0	2	17	0	1	8	0	0	3	0	0	10	0	4
Both Lap & Shoulder Belt Used	5,833	5	553	5,693	3	538	5,951	2	475	4,314	1	384	5,016	4	418
No Belts Used	62	0	19	52	1	15	41	1	17	15	0	8	20	0	12
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	6	0	2	2	0	2	3	0	1	4	0	0	0	0	0
Restraint Use Unknown	378	1	11	312	1	5	338	0	5	263	0	4	326	3	13
Helmet Worn	25	0	16	27	0	22	24	0	16	22	0	15	22	2	14
Helmet Not Worn	10	0	8	6	0	4	10	0	6	9	1	7	13	3	9
Helmet Use Unknown	1	0	1	3	0	1	0	0	0	3	0	2	1	0	0
Uncoded & Errors	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	6,382	6	614	6,132	5	589	6,396	3	521	4,650	2	423	5,434	12	473

5-Year Trend - Restraint Use Among Drivers Coded Drinking

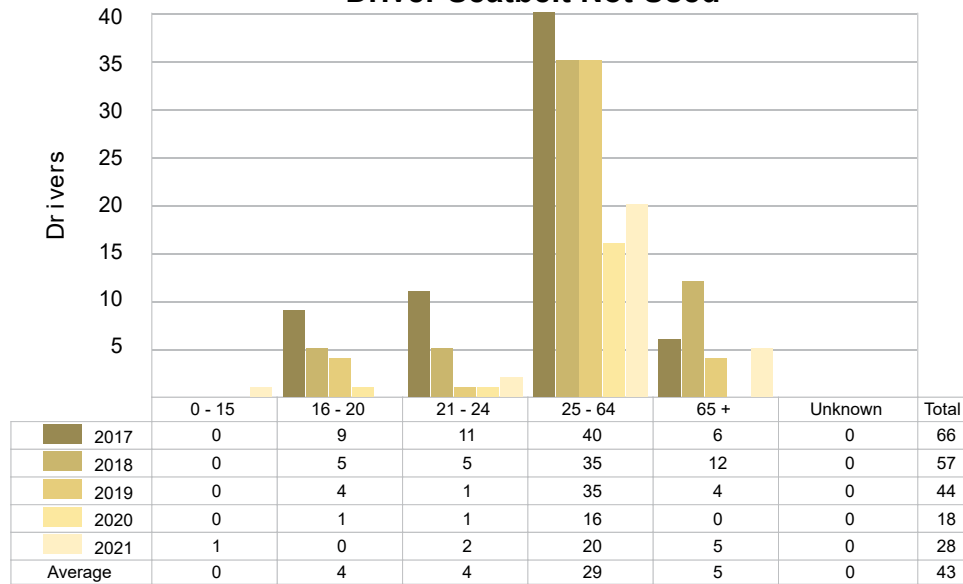
Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1
Shoulder Belt Only Used	0	0	0	0	0	0	0	0	0	0	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	93	0	29	94	0	25	106	1	22	74	0	19	84	2	19
No Belts Used	5	0	5	6	1	3	9	1	6	3	0	2	8	0	6
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	19	1	4	13	1	0	16	0	2	7	0	1	21	0	2
Helmet Worn	1	0	1	3	0	3	3	0	3	1	0	0	2	0	2
Helmet Not Worn	2	0	2	2	0	1	1	0	1	2	1	1	2	1	1
Helmet Use Unknown	0	0	0	0	0	0	0	0	0	3	0	2	0	0	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	120	1	41	118	2	32	135	2	34	90	1	25	119	3	31

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	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
16 - 20	9	0	4	5	0	1	4	0	2	1	0	1	0	0	0
21 - 24	11	0	3	5	0	2	1	0	0	1	0	1	2	0	1
25 - 64	40	0	9	35	1	12	35	1	14	16	0	7	20	0	10
65 +	6	0	4	12	0	1	4	0	2	0	0	0	5	0	3
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	66	0	20	57	1	16	44	1	18	18	0	9	28	0	15

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

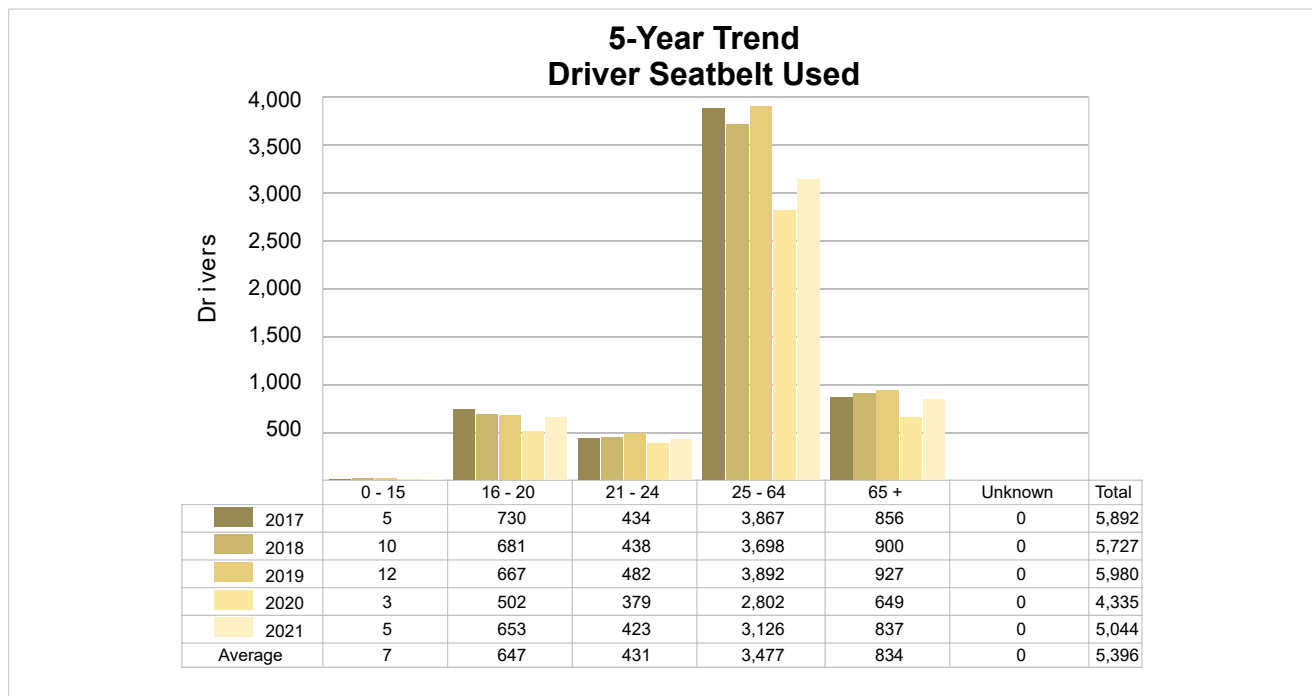
5-Year Trend Driver Seatbelt Not Used



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	5	0	0	10	0	0	12	0	0	3	0	0	5	0	1
16 - 20	730	0	69	681	0	62	667	0	58	502	0	39	653	0	54
21 - 24	434	0	42	438	0	37	482	0	29	379	0	34	423	1	44
25 - 64	3,867	2	358	3,698	2	349	3,892	1	316	2,802	0	247	3,126	3	239
65 +	856	3	89	900	1	93	927	1	73	649	1	66	837	0	84
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5,892	5	558	5,727	3	541	5,980	2	476	4,335	1	386	5,044	4	422

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	3,279	6	3,205	6	3,276	9	2,503	2	2,814	10
Speed Too Fast	457	1	458	1	498	1	292	0	339	7
Speed Too Slow	4	0	2	0	0	0	0	0	2	0
Failed to Yield	711	1	717	2	797	2	567	2	686	1
Disregard Traffic Control	87	2	82	0	85	0	61	0	72	1
Drove Wrong Way	0	0	3	0	4	0	3	0	1	0
Drove Left of Center	57	2	47	1	52	0	44	0	45	3
Improper Passing	16	0	29	0	24	0	23	0	25	1
Improper Lane Use	109	0	99	0	97	0	66	0	72	0
Improper Turn	39	0	46	0	51	0	55	0	65	0
Improper/No Signal	3	0	7	0	7	0	0	0	2	0
Improper Backing	92	0	63	0	66	0	40	0	47	0
Unable to Stop in Assured Clear Distance	1,000	0	932	0	1,029	1	689	0	849	0
Other	170	1	170	0	138	0	105	0	124	2
Unknown	261	1	206	2	196	1	141	2	213	1
Reckless Driving	9	0	15	1	8	1	10	0	10	0
Careless/Negligent Driving	88	0	51	0	68	0	51	0	68	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	6,382	14	6,132	13	6,396	15	4,650	6	5,434	26

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