



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

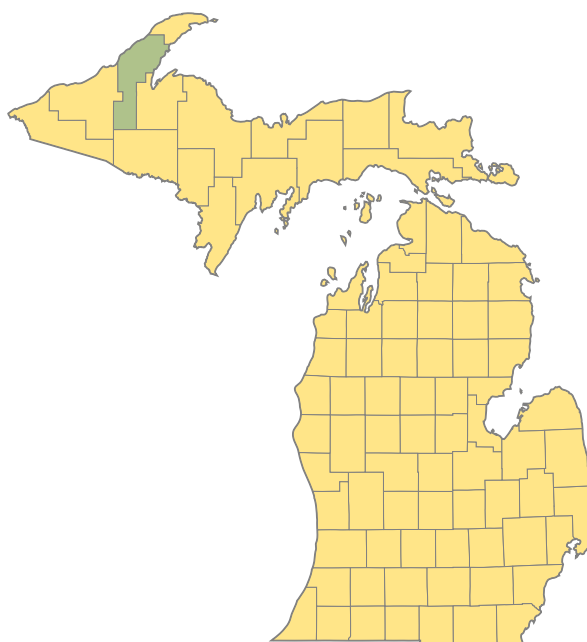
O = No Injury

Property Damage Only (PDO)



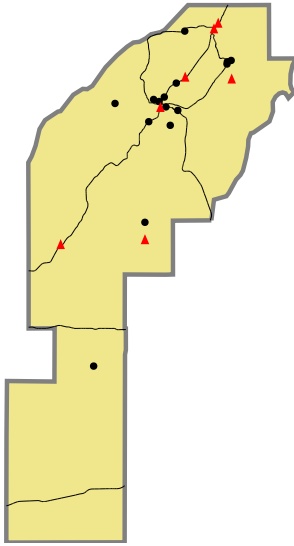
Houghton County

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 (7/7)

● A - Suspected Serious (15/15)

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	49	0	3	46	0	3
February	119	2	24	93	2	33
March	52	1	10	41	1	13
April	43	0	7	36	0	8
May	36	1	2	33	1	3
June	77	1	10	66	1	12
July	61	0	9	52	0	11
August	68	1	12	55	1	21
September	84	0	18	66	0	23
October	74	0	7	67	0	10
November	110	1	12	97	1	15
December	112	0	15	97	0	21
Total	885	7	129	749	7	173

2021 - Driver Statistics

Age Group	Houghton County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	6,408	166	3	4.7	180.7
16 - 20	4,395	1,722	230	523.3	1,335.7
21 - 24	4,035	1,688	165	408.9	977.5
25 - 64	14,455	13,991	695	480.8	496.7
65 +	6,391	6,335	196	306.7	309.4
Unknown	0	0	81	--	--
Total	35,684	23,902	1,370	383.9	573.2

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

2021 - Vehicles in Crashes

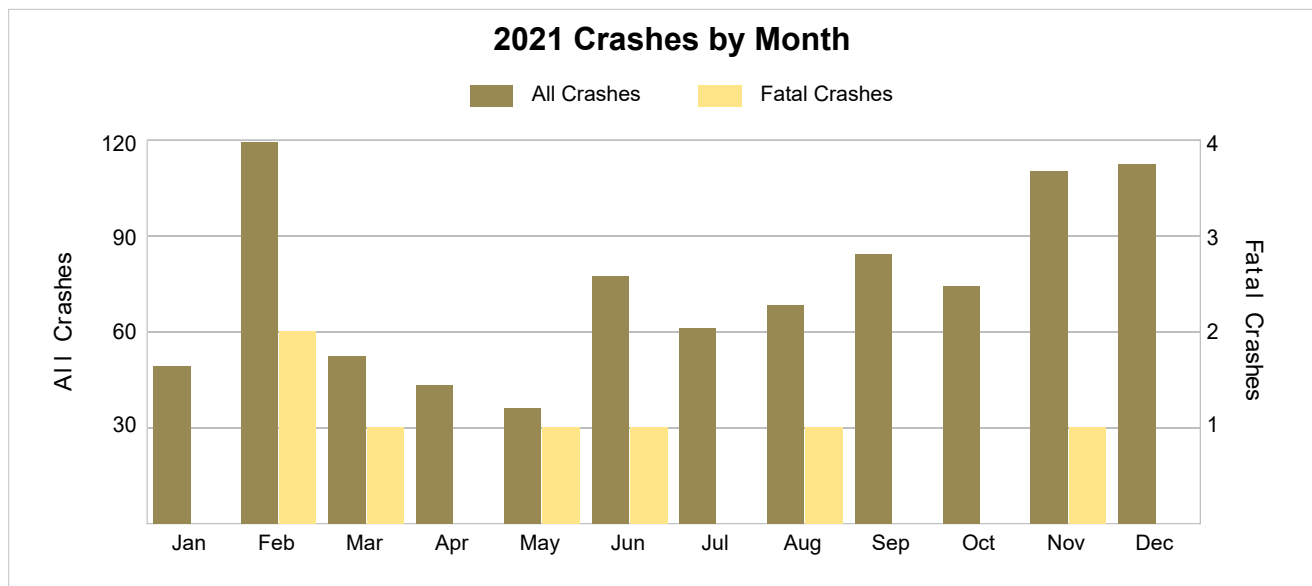
Vehicle Type	Motor Vehicles		Fatal Crashes		Injury Crashes	PDO Crashes
	Number of Vehicles	% of Total	Number	% of Total	Number	Number
Passenger Car, SUV, Van	959	70.0	7	50.0	156	796
Motor Home	5	0.4	0	0.0	0	5
Pickup Truck	303	22.1	4	28.6	44	255
Small Truck Under 10,000 lbs. GVWR	14	1.0	0	0.0	1	13
Motorcycle	8	0.6	0	0.0	8	0
Moped/Goped	0	0.0	0	0.0	0	0
Go-Cart/Golf Cart	0	0.0	0	0.0	0	0
Snowmobile	8	0.6	1	7.1	5	2
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	7	0.5	1	7.1	5	1
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	11	0.8	0	0.0	1	10
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	32	2.3	1	7.1	4	27
Uncoded & Errors	23	1.7	0	0.0	1	22
Total	1,370	100.0	14	100.0	225	1,131

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	114	1	117	0	117	0	84	0	49	0
February	87	0	98	1	102	1	69	0	119	2
March	52	0	46	0	58	0	41	0	52	1
April	59	1	46	0	39	0	22	0	43	0
May	41	0	50	0	49	0	34	0	36	1
June	62	0	56	0	47	0	43	0	77	1
July	62	0	54	0	58	2	55	1	61	0
August	62	0	47	1	52	0	62	0	68	1
September	69	0	65	0	65	0	53	0	84	0
October	100	0	82	0	79	1	79	0	74	0
November	122	0	108	1	99	0	78	1	110	1
December	166	0	89	0	98	0	51	0	112	0
Total	996	2	858	3	863	4	671	2	885	7

5-Year Trend - Crashes by Day of Week

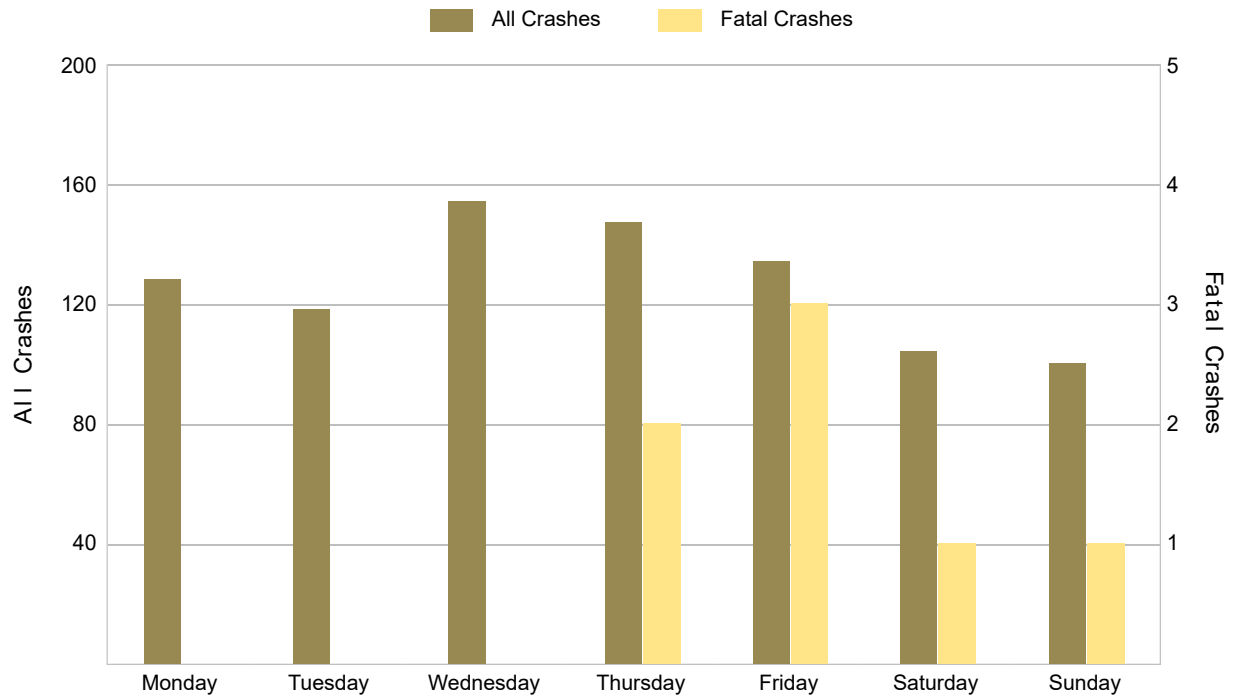
Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	126	1	112	0	125	0	102	0	128	0
Tuesday	131	0	110	0	145	1	93	0	118	0
Wednesday	150	0	160	0	140	0	85	0	154	0
Thursday	155	0	130	0	108	2	112	0	147	2
Friday	167	1	164	2	130	1	120	1	134	3
Saturday	142	0	98	1	120	0	78	0	104	1
Sunday	125	0	84	0	95	0	81	1	100	1
Total	996	2	858	3	863	4	671	2	885	7



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	128	14.5	0	0.0	1	3	6	118
Tuesday	118	13.3	0	0.0	4	7	10	97
Wednesday	154	17.4	0	0.0	2	7	9	136
Thursday	147	16.6	2	28.6	3	12	14	116
Friday	134	15.1	3	42.9	3	10	7	111
Saturday	104	11.8	1	14.3	0	8	6	89
Sunday	100	11.3	1	14.3	2	4	11	82
Total	885	100.0	7	100.0	15	51	63	749

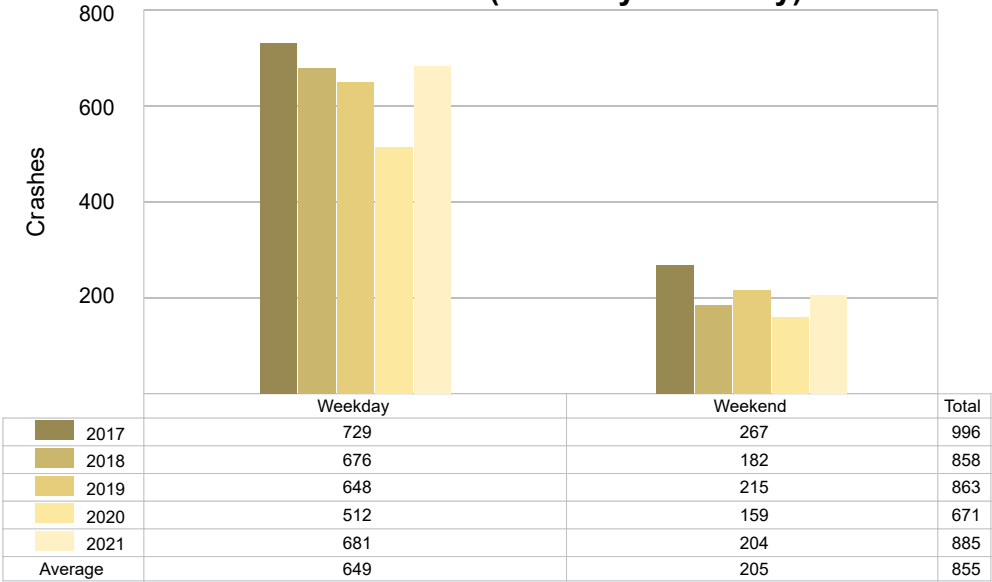
2021 Day of Week and Severity



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	729	2	676	2	648	4	512	1	681	5
Weekend	267	0	182	1	215	0	159	1	204	2
Total	996	2	858	3	863	4	671	2	885	7

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

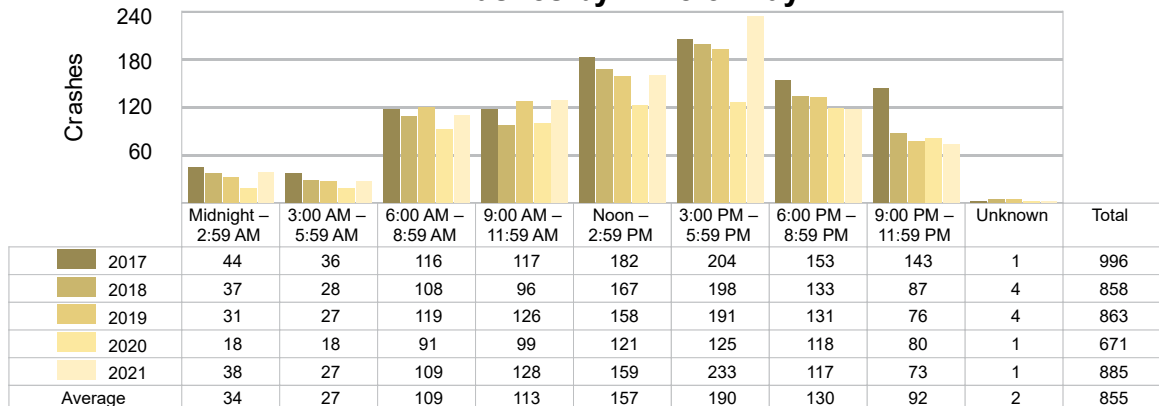


5-Year Trend - Crashes by Time of Day

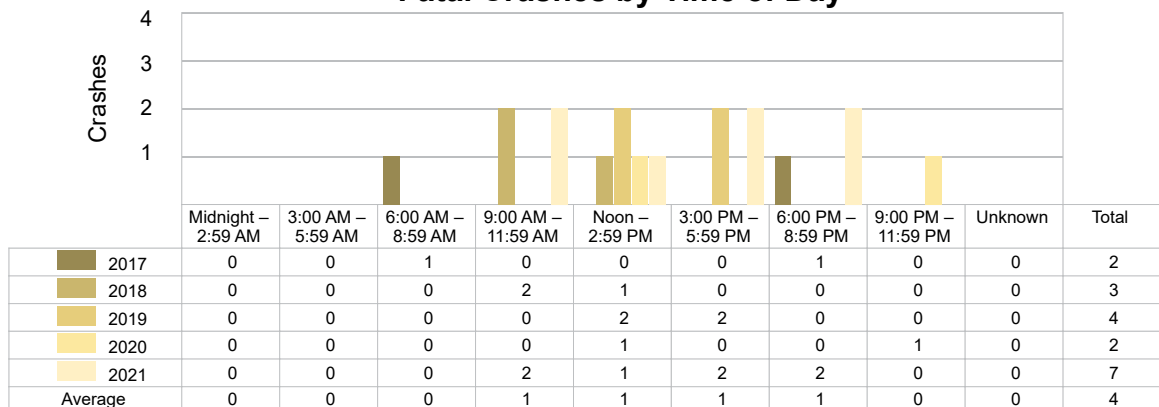
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	44	0	37	0	31	0	18	0	38	0
3:00 AM – 5:59 AM	36	0	28	0	27	0	18	0	27	0
6:00 AM – 8:59 AM	116	1	108	0	119	0	91	0	109	0
9:00 AM – 11:59 AM	117	0	96	2	126	0	99	0	128	2
Noon – 2:59 PM	182	0	167	1	158	2	121	1	159	1
3:00 PM – 5:59 PM	204 †	0	198 †	0	191 †	2	125 †	0	233 †	2
6:00 PM – 8:59 PM	153	1	133	0	131	0	118	0	117	2
9:00 PM – 11:59 PM	143	0	87	0	76	0	80	1	73	0
Unknown	1	0	4	0	4	0	1	0	1	0
Total	996	2	858	3	863	4	671	2	885	7

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

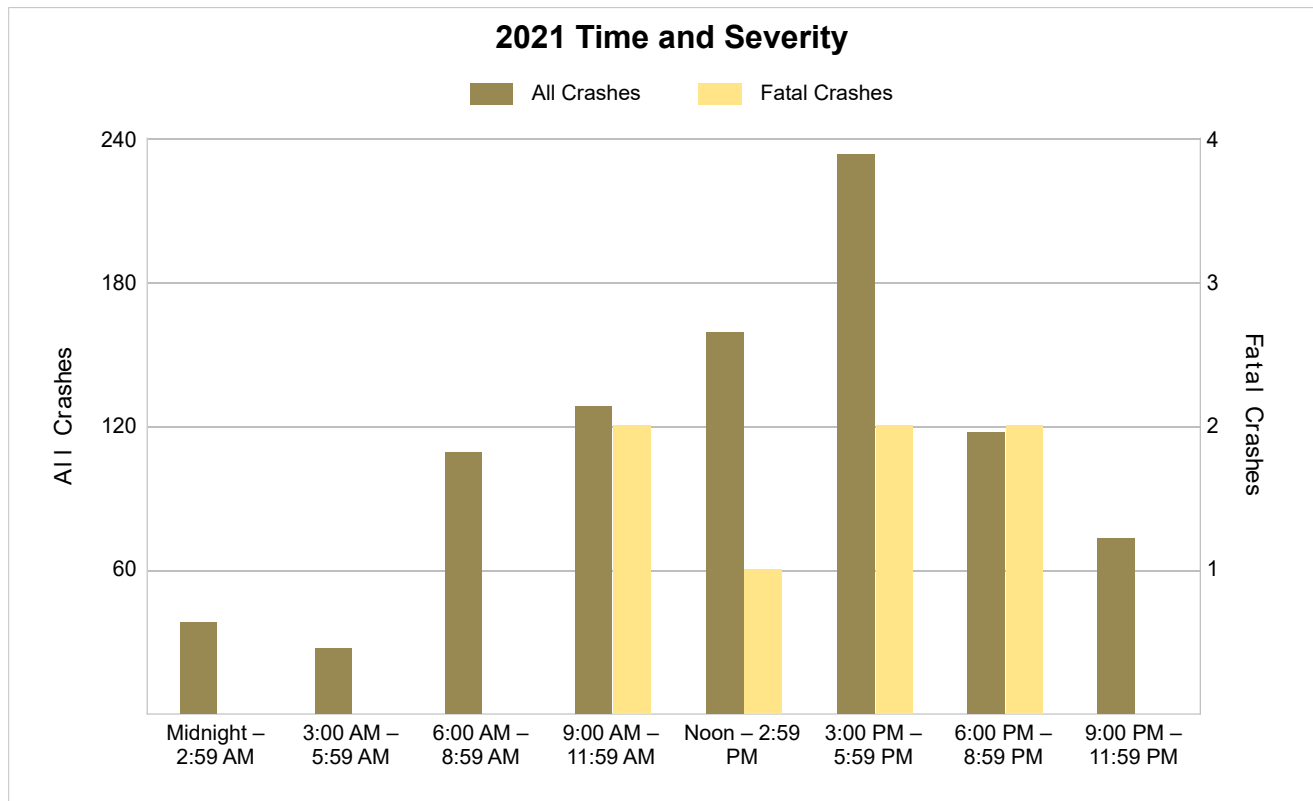


5-Year Trend Fatal Crashes by Time of Day



2021 - Time and Severity

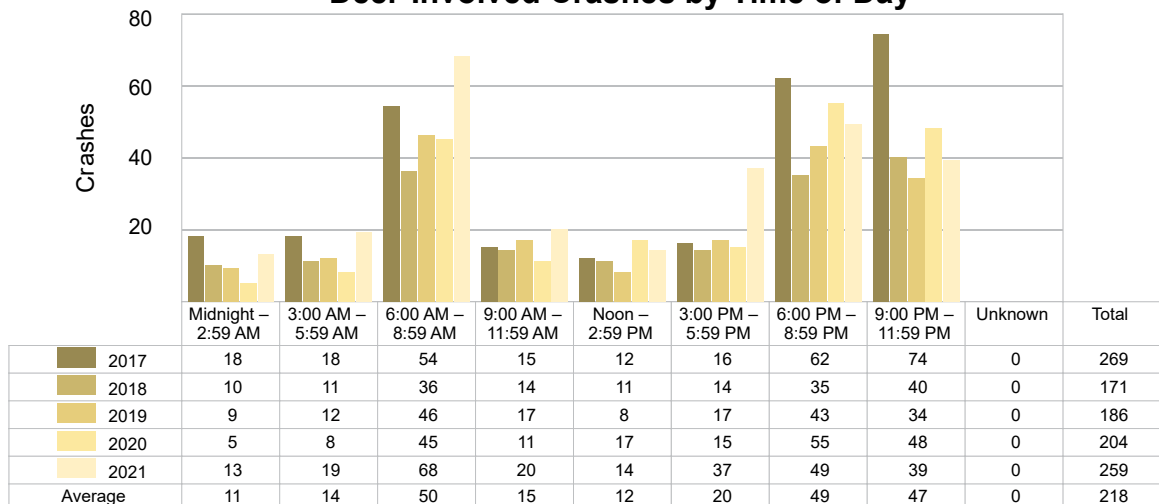
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	38	4.3	0	0.0	0	5	3	30
3:00 AM – 5:59 AM	27	3.1	0	0.0	0	0	1	26
6:00 AM – 8:59 AM	109	12.3	0	0.0	1	2	3	103
9:00 AM – 11:59 AM	128	14.5	2	28.6	6	9	5	106
Noon – 2:59 PM	159	18.0	1	14.3	2	14	12	130
3:00 PM – 5:59 PM	233	26.3	2	28.6	5	14	23	189
6:00 PM – 8:59 PM	117	13.2	2	28.6	0	4	9	102
9:00 PM – 11:59 PM	73	8.2	0	0.0	1	3	7	62
Unknown	1	0.1	0	0.0	0	0	0	1
Total	885	100.0	7	100.0	15	51	63	749



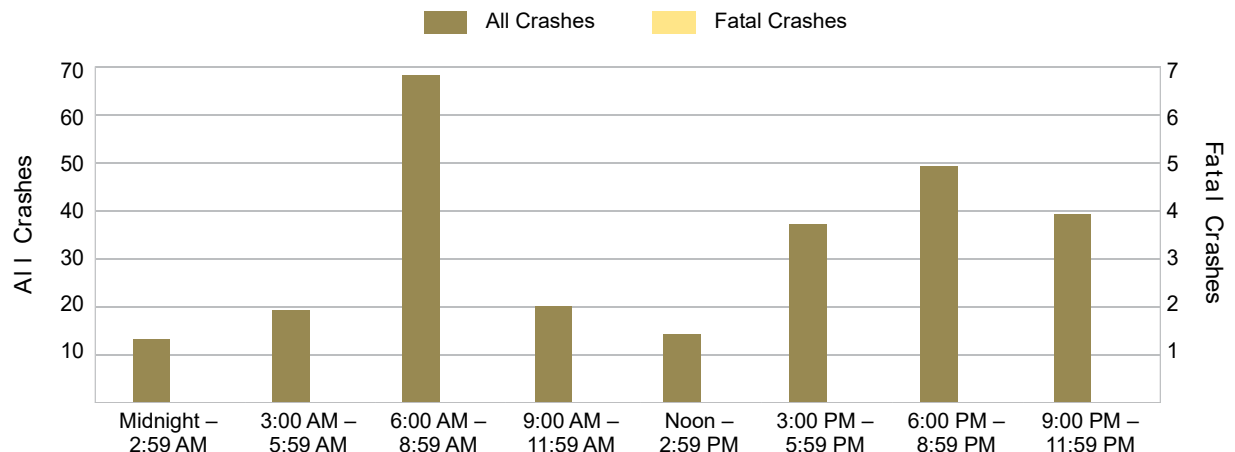
5-Year Trend - Deer-Involved Crashes by Time of Day

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	18	0	10	0	9	0	5	0	13	0
3:00 AM – 5:59 AM	18	0	11	0	12	0	8	0	19	0
6:00 AM – 8:59 AM	54	0	36	0	46	0	45	0	68	0
9:00 AM – 11:59 AM	15	0	14	0	17	0	11	0	20	0
Noon – 2:59 PM	12	0	11	0	8	0	17	0	14	0
3:00 PM – 5:59 PM	16	0	14	0	17	0	15	0	37	0
6:00 PM – 8:59 PM	62	0	35	0	43	0	55	0	49	0
9:00 PM – 11:59 PM	74	0	40	0	34	0	48	0	39	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	269	0	171	0	186	0	204	0	259	0

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



2021 Time and Severity of Deer-Involved Crashes

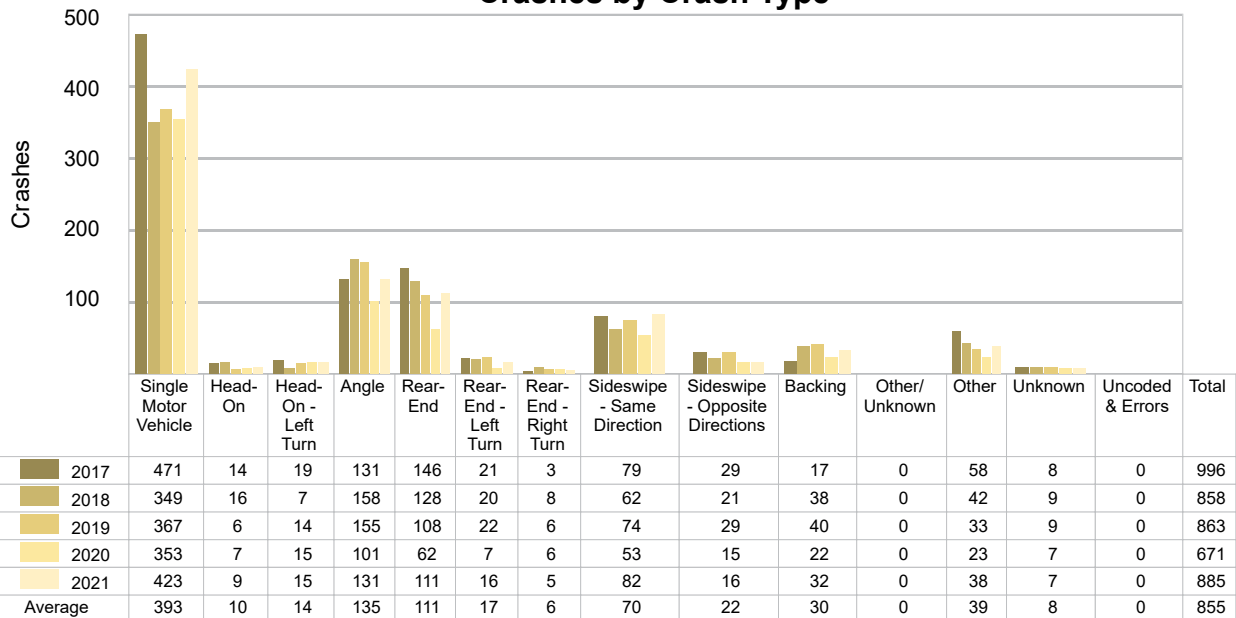


There were no fatal deer-involved crashes in Houghton County in 2021.

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	471	1	349	0	367	2	353	2	423	1
Head-On	14	1	16	1	6	0	7	0	9	2
Head-On - Left Turn	19	0	7	0	14	0	15	0	15	0
Angle	131	0	158	1	155	1	101	0	131	2
Rear-End	146	0	128	1	108	0	62	0	111	1
Rear-End - Left Turn	21	0	20	0	22	0	7	0	16	0
Rear-End - Right Turn	3	0	8	0	6	0	6	0	5	0
Sideswipe - Same Direction	79	0	62	0	74	0	53	0	82	0
Sideswipe - Opposite Directions	29	0	21	0	29	1	15	0	16	1
Backing	17	0	38	0	40	0	22	0	32	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	58	0	42	0	33	0	23	0	38	0
Unknown	8	0	9	0	9	0	7	0	7	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	996	2	858	3	863	4	671	2	885	7

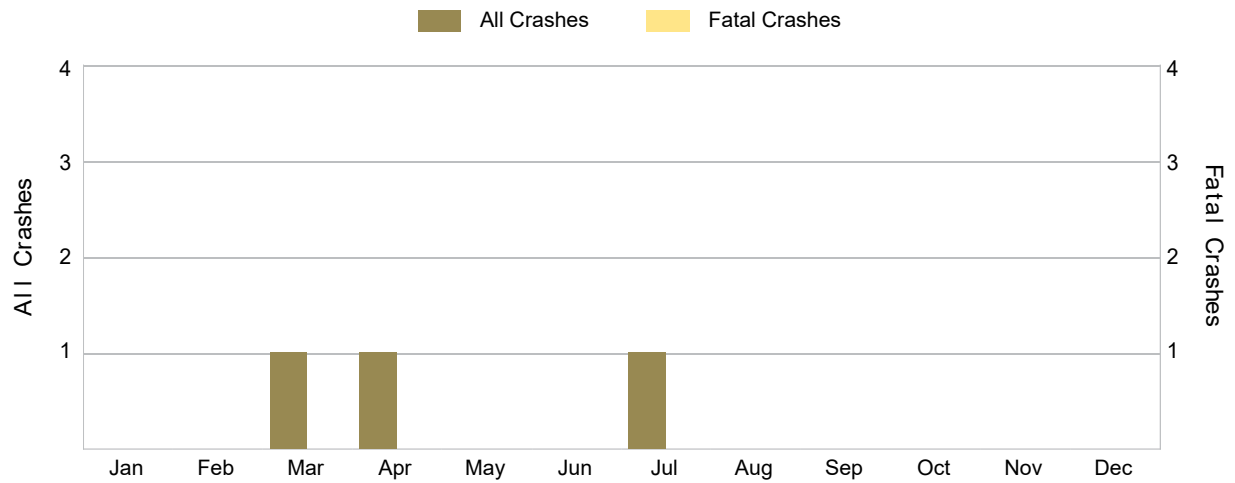
5-Year Trend Crashes by Crash Type



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	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0
March	1	0	0	0	0	0	0	0	1	0
April	0	0	1	0	0	0	0	0	1	0
May	0	0	1	0	0	0	0	0	0	0
June	0	0	0	0	1	0	0	0	0	0
July	0	0	1	0	0	0	0	0	1	0
August	1	0	0	0	0	0	0	0	0	0
September	0	0	0	0	2	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0
November	0	0	2	0	1	0	0	0	0	0
December	0	0	0	0	1	0	0	0	0	0
Total	2	0	5	0	5	0	0	0	3	0

2021 Pedestrian-Involved Crashes by Month

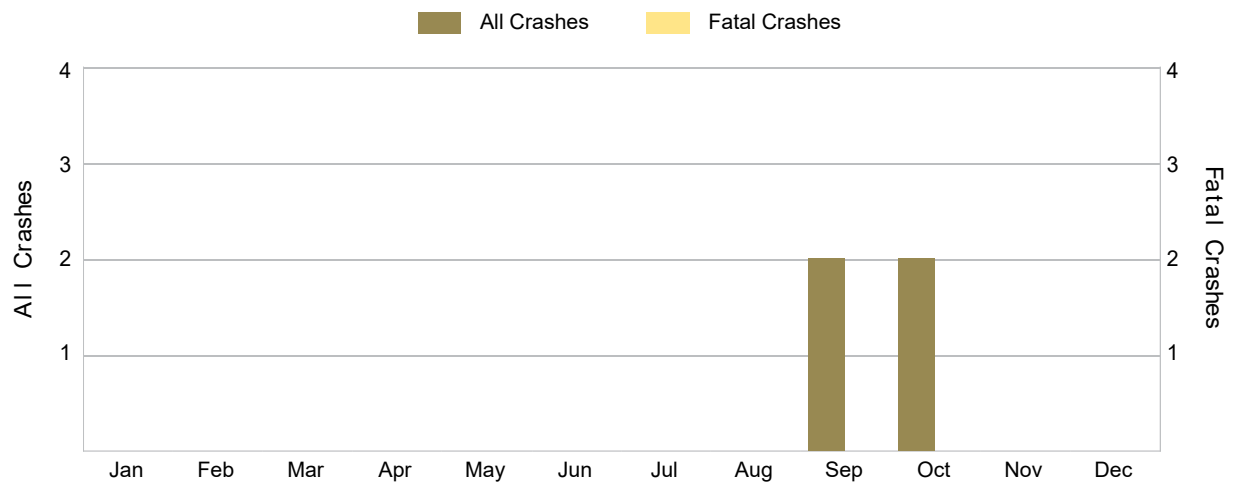


There were no fatal pedestrian-involved crashes in Houghton County in 2021.

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	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	0	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	0	0
May	0	0	0	0	0	0	0	0	0	0
June	0	0	1	0	2	0	0	0	0	0
July	1	0	0	0	0	0	1	1	0	0
August	0	0	0	0	0	0	0	0	0	0
September	1	0	0	0	0	0	0	0	2	0
October	0	0	0	0	2	0	0	0	2	0
November	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0
Total	2	0	2	0	4	0	1	1	4	0

2021 Bicyclist-Involved Crashes by Month



There were no fatal bicyclist-involved crashes in Houghton County in 2021.

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
Adams Twp.	42	0	9	33	0	0	28	14	1	0	18	0	0
Calumet	0	0	0	0	0	0	0	0	0	0	0	0	0
Calumet Twp.	94	2	19	73	0	35	24	34	9	3	15	0	0
Chassell Twp.	49	0	3	46	0	34	0	15	3	1	26	0	0
Copper City	0	0	0	0	0	0	0	0	0	0	0	0	0
Duncan Twp.	28	0	1	27	0	0	27	1	0	0	24	0	0
Elm River Twp.	20	1	2	17	0	0	20	0	1	0	12	0	0
Franklin Twp.	59	1	11	47	0	40	9	10	0	0	30	0	0
Hancock	99	0	13	86	0	70	15	14	2	2	2	2	0
Hancock Twp.	12	0	0	12	0	0	10	2	1	0	7	0	0
Houghton	198	0	27	171	0	99	44	55	4	1	5	1	4
Laird Twp.	16	0	1	15	0	0	14	2	0	0	14	0	0
Lake Linden	0	0	0	0	0	0	0	0	0	0	0	0	0
Laurium	0	0	0	0	0	0	0	0	0	0	0	0	0
Osceola Twp.	59	0	10	49	0	25	21	13	1	0	21	0	0
Portage Twp.	116	2	18	96	0	23	27	66	3	4	47	0	0
Quincy Twp.	14	0	5	9	0	13	0	1	0	0	2	0	0
Schoolcraft Twp.	27	0	5	22	0	0	5	22	2	0	12	0	0
South Range	0	0	0	0	0	0	0	0	0	0	0	0	0
Stanton Twp.	28	0	2	26	0	0	0	28	3	1	11	0	0
Torch Lake Twp.	24	1	3	20	0	0	6	18	1	1	13	0	0
Total	885	7	129	749	0	339	250	295	31	13	259	3	4

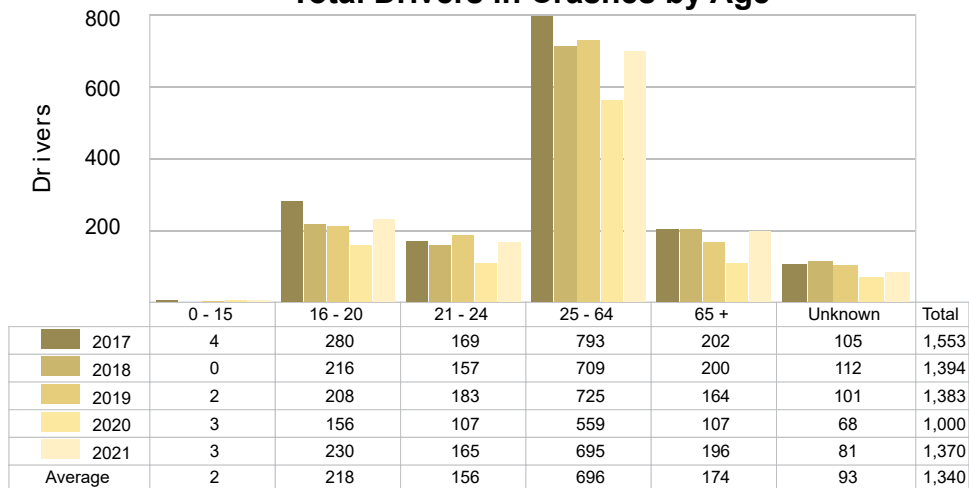
2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Adams Twp.	0	0	9	8	52	3
Calumet	0	0	0	0	0	0
Calumet Twp.	2	3	18	23	129	19
Chassell Twp.	0	0	1	4	57	0
Copper City	0	0	0	0	0	0
Duncan Twp.	0	0	0	1	30	1
Elm River Twp.	1	0	0	4	21	0
Franklin Twp.	1	2	14	5	68	4
Hancock	0	7	6	22	195	12
Hancock Twp.	0	0	0	0	14	0
Houghton	0	6	34	32	343	31
Laird Twp.	0	1	0	0	17	0
Lake Linden	0	0	0	0	0	0
Laurium	0	0	0	0	0	0
Osceola Twp.	0	0	9	9	85	4
Portage Twp.	2	6	11	18	144	4
Quincy Twp.	0	3	3	7	25	0
Schoolcraft Twp.	0	5	2	4	29	3
South Range	0	0	0	0	0	0
Stanton Twp.	0	7	4	0	36	0
Torch Lake Twp.	1	0	2	4	28	0
Total	7	40	113	141	1,273	81

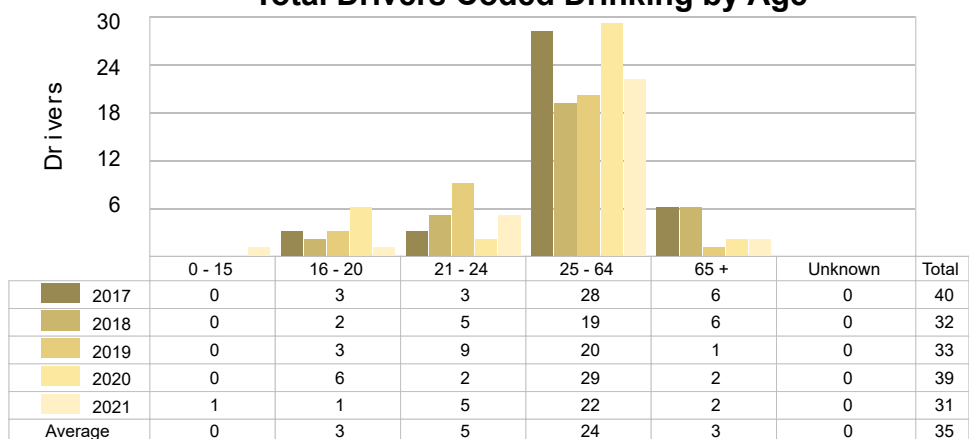
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	4	0	0	0	2	0	3	0	3	1
16 - 20	280	3	216	2	208	3	156	6	230	1
21 - 24	169	3	157	5	183	9	107	2	165	5
25 - 64	793	28	709	19	725	20	559	29	695	22
65 +	202	6	200	6	164	1	107	2	196	2
Unknown	105	0	112	0	101	0	68	0	81	0
Total	1,553	40	1,394	32	1,383	33	1,000	39	1,370	31

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	0	0	1
16 - 20	2	2	1	1	0	0	1	0	0
21 - 24	5	6	5	5	0	0	2	3	0
25 - 64	30	28	19	22	0	3	5	8	6
65 +	4	3	2	2	0	1	0	1	0
Unknown	7	0	0	0	0	0	0	0	0
Total	49	40	28	31	0	4	8	12	7

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).

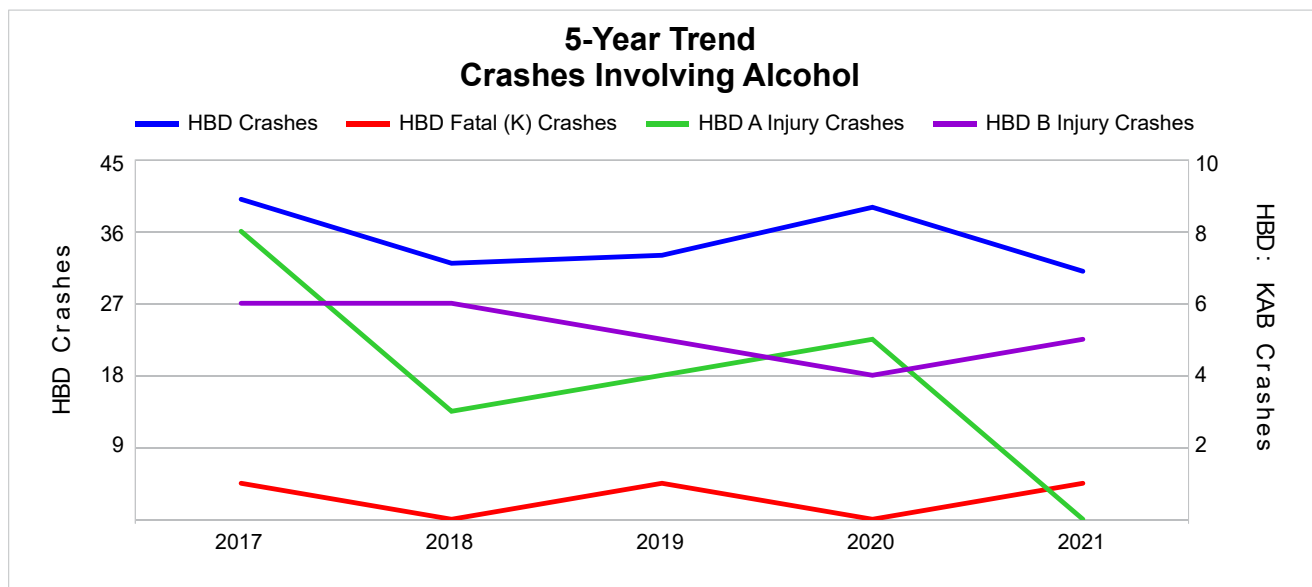
A driver may be coded by the officer as drinking even though no test is administered.

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	996	40	4.0	2	1	50.0	25	8	32.0	31	6	19.4
2018	858	32	3.7	3	0	0.0	16	3	18.8	31	6	19.4
2019	863	33	3.8	4	1	25.0	13	4	30.8	38	5	13.2
2020	671	39	5.8	2	0	0.0	22	5	22.7	32	4	12.5
2021	885	31 *	3.5 *	7 **	1	14.3	15	0 *	0.0 *	51 **	5	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.



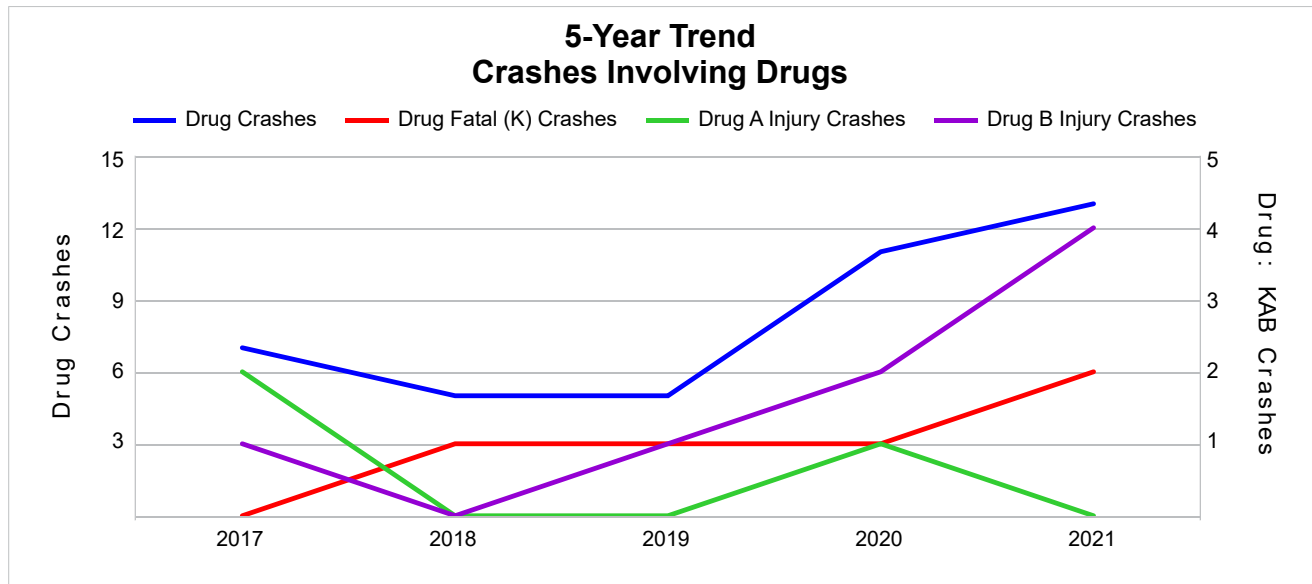
Note: Had-Been-Drinking (HBD)

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	996	7	0.7	2	0	0.0	25	2	8.0	31	1	3.2
2018	858	5	0.6	3	1	33.3	16	0	0.0	31	0	0.0
2019	863	5	0.6	4	1	25.0	13	0	0.0	38	1	2.6
2020	671	11	1.6	2	1	50.0	22	1	4.5	32	2	6.3
2021	885	13 **	1.5	7 **	2 **	28.6	15	0	0.0	51 **	4 **	7.8 **

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.

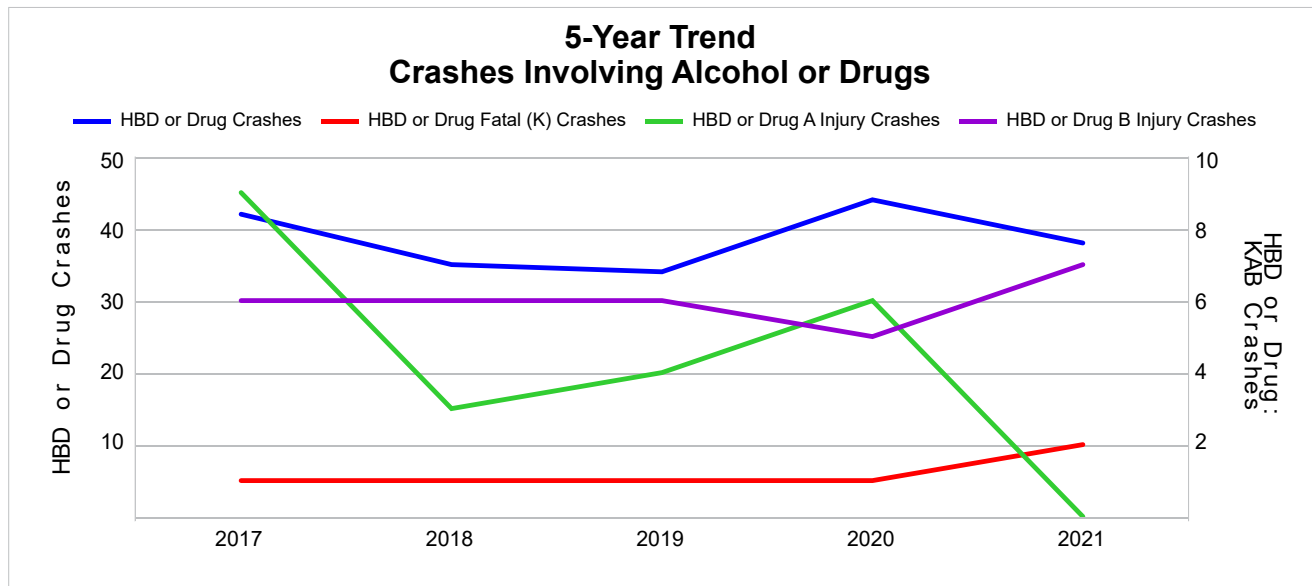


5-Year Trend - Crashes Involving Alcohol or Drugs

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	996	42	4.2	2	1	50.0	25	9	36.0	31	6	19.4
2018	858	35	4.1	3	1	33.3	16	3	18.8	31	6	19.4
2019	863	34	3.9	4	1	25.0	13	4	30.8	38	6	15.8
2020	671	44	6.6	2	1	50.0	22	6	27.3	32	5	15.6
2021	885	38	4.3	7 **	2 **	28.6	15	0 *	0.0 *	51 **	7 **	13.7 *

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	990	915	92.4	3	1	33.3	12	10	83.3	40	34	85.0	72	66	91.7	822	804	97.8
Motor Home	5	5	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	5	100.0
Pickup Truck	305	281	92.1	2	0	0.0	0	0	0.0	6	6	100.0	18	18	100.0	264	257	97.3
Small Truck Under 10,000 lbs. GVWR	14	13	92.9	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	14	13	92.9
Motorcycle	10	7	70.0	0	0	0.0	3	2	66.7	5	3	60.0	0	0	0.0	2	2	100.0
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	9	8	88.9	1	1	100.0	2	2	100.0	3	3	100.0	1	1	100.0	1	1	100.0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	8	6	75.0	1	0	0.0	2	1	50.0	0	0	0.0	2	2	100.0	3	3	100.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	11	6	54.5	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	10	6	60.0
Truck/Bus (over 10,000 lbs. GVWR/ 8+ occupants/ hazmat placard)	32	31	96.9	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	31	30	96.8
Uncoded & Errors	23	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	1,407	1,272	90.4	7	2	28.6	19	15	78.9	55	47	85.5	93	87	93.5	1,152	1,121	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	10	7	70.0	0	0	0.0	3	1	33.3	2	1	50.0	4	4	100.0	1	1	100.0
16 - 20	235	228	97.0	0	0	0.0	4	3	75.0	13	13	100.0	14	12	85.7	204	200	98.0
21 - 24	169	163	96.4	0	0	0.0	0	0	0.0	7	6	85.7	4	3	75.0	158	154	97.5
25 - 64	708	676	95.5	3	1	33.3	8	7	87.5	27	23	85.2	51	48	94.1	619	597	96.4
65 +	204	198	97.1	4	1	25.0	4	4	100.0	6	4	66.7	20	20	100.0	169	169	100.0
Unknown	81	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
Total	1,407	1,272	90.4	7	2	28.6	19	15	78.9	55	47	85.5	93	87	93.5	1,152	1,121	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	5	0	3	1	0	0	3	0	0	4	0	1	4	0	0
Shoulder Belt Only Used	16	0	0	4	0	0	9	0	0	5	0	2	5	0	0
Lap Belt Only Used	12	0	0	6	0	0	7	0	0	3	0	0	2	0	0
Both Lap & Shoulder Belt Used	1,362	0	124	1,226	3	113	1,215	1	77	881	0	90	1,220	0	110
No Belts Used	13	1	5	9	0	3	6	1	0	7	1	3	13	4	7
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	0	0	0	2	0	0	0	0	0	0	0	0
Restraint Use Unknown	117	0	4	135	0	2	120	0	2	82	0	1	108	0	2
Helmet Worn	16	1	8	7	0	3	13	1	10	15	0	13	13	1	8
Helmet Not Worn	1	0	1	2	0	1	6	0	6	3	0	3	4	0	4
Helmet Use Unknown	2	0	1	0	0	0	0	0	0	0	0	0	1	1	0
Uncoded & Errors	8	0	0	4	0	0	2	0	0	0	0	0	0	0	0
Total	1,553	2	146	1,394	3	122	1,383	3	95	1,000	1	113	1,370	6	131

5-Year Trend - Restraint Use Among Drivers Coded Drinking

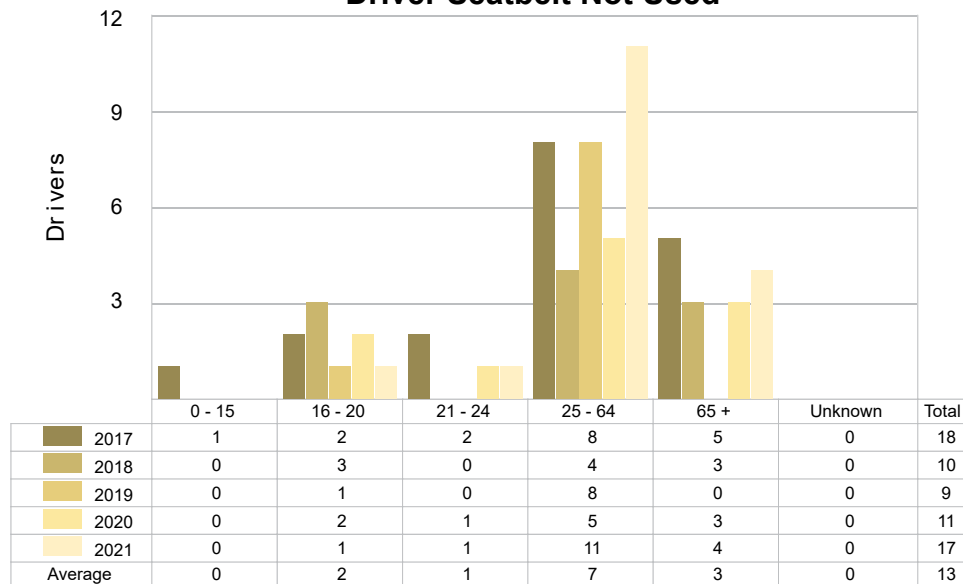
Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoulder Belt Only Used	1	0	0	0	0	0	1	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	26	0	8	23	0	6	23	0	8	28	0	6	21	0	4
No Belts Used	3	0	3	2	0	1	2	1	0	1	0	1	1	1	0
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	8	0	3	6	0	2	3	0	1	5	0	1	8	0	0
Helmet Worn	2	1	1	1	0	1	4	0	4	2	0	2	0	0	0
Helmet Not Worn	0	0	0	0	0	0	0	0	0	2	0	2	1	0	1
Helmet Use Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	40	1	15	32	0	10	33	1	13	39	0	12	31	1	5

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	1	0	0	0	0	0	0	0	0	0	0	0	0
16 - 20	2	0	0	3	0	1	1	0	0	2	0	0	1	0	1
21 - 24	2	1	1	0	0	0	0	0	0	1	0	1	1	0	0
25 - 64	8	0	4	4	0	2	8	1	0	5	1	1	11	2	4
65 +	5	0	2	3	0	0	0	0	0	3	0	2	4	2	2
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	18	1	8	10	0	3	9	1	0	11	1	4	17	4	7

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

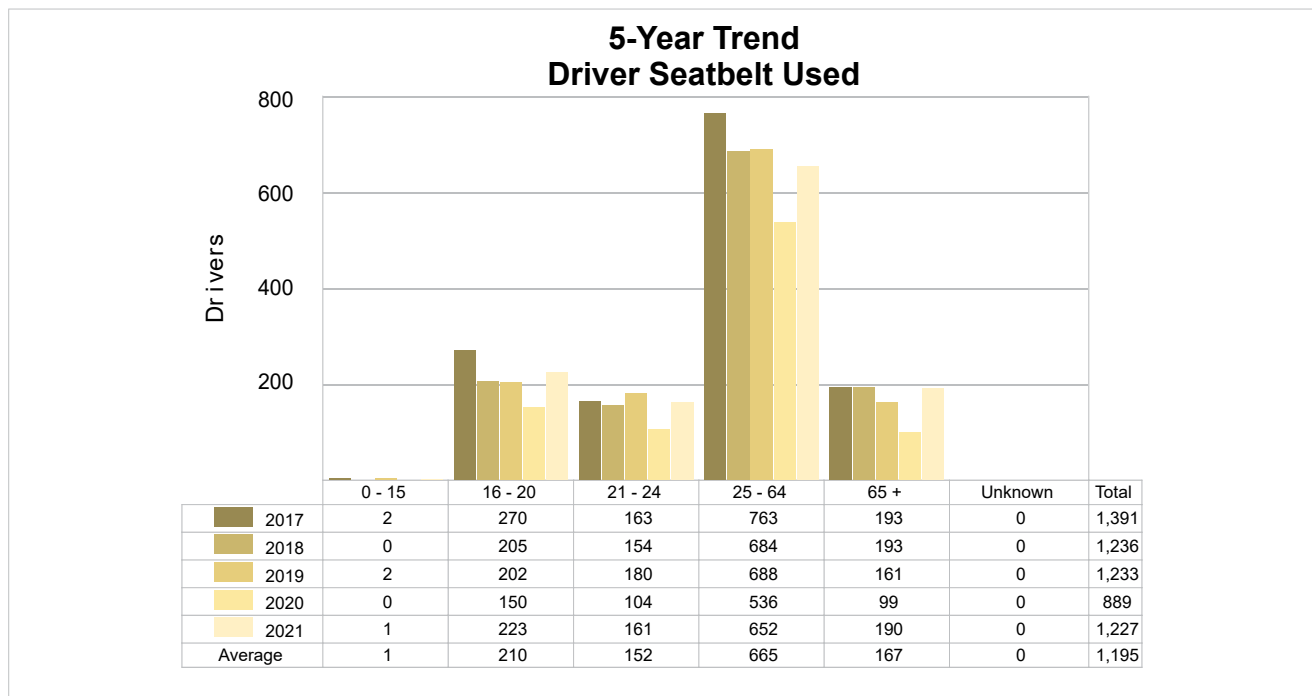
5-Year Trend Driver Seatbelt Not Used



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	2	0	0	0	0	0	2	0	0	0	0	0	1	0	0
16 - 20	270	0	29	205	1	21	202	0	21	150	0	15	223	0	23
21 - 24	163	0	9	154	0	8	180	0	11	104	0	12	161	0	7
25 - 64	763	0	70	684	1	63	688	1	30	536	0	51	652	0	59
65 +	193	0	16	193	1	21	161	0	15	99	0	14	190	0	21
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,391	0	124	1,236	3	113	1,233	1	77	889	0	92	1,227	0	110

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	823	1	704	6	678	2	533	1	741	6
Speed Too Fast	144	1	108	0	130	1	85	1	108	2
Speed Too Slow	0	0	2	0	1	0	0	0	1	0
Failed to Yield	135	0	142	0	139	1	96	0	134	3
Disregard Traffic Control	10	0	5	0	8	0	10	0	14	0
Drove Wrong Way	0	0	1	0	0	0	0	0	0	0
Drove Left of Center	12	0	6	0	3	0	5	0	7	1
Improper Passing	2	0	7	0	7	0	4	0	7	0
Improper Lane Use	42	0	33	0	38	0	13	0	36	0
Improper Turn	17	0	20	0	32	0	26	0	17	0
Improper/No Signal	4	0	5	0	2	0	1	0	4	0
Improper Backing	42	0	47	0	60	0	24	0	43	0
Unable to Stop in Assured Clear Distance	169	0	176	2	125	0	71	0	126	0
Other	45	0	46	0	50	1	41	0	45	0
Unknown	44	0	40	0	58	0	44	0	34	1
Reckless Driving	12	0	6	0	3	0	6	0	3	0
Careless/Negligent Driving	49	1	46	1	48	1	41	0	50	1
Uncoded & Errors	3	0	0	0	1	0	0	0	0	0
Total	1,553	3	1,394	9	1,383	6	1,000	2	1,370	14

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