



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

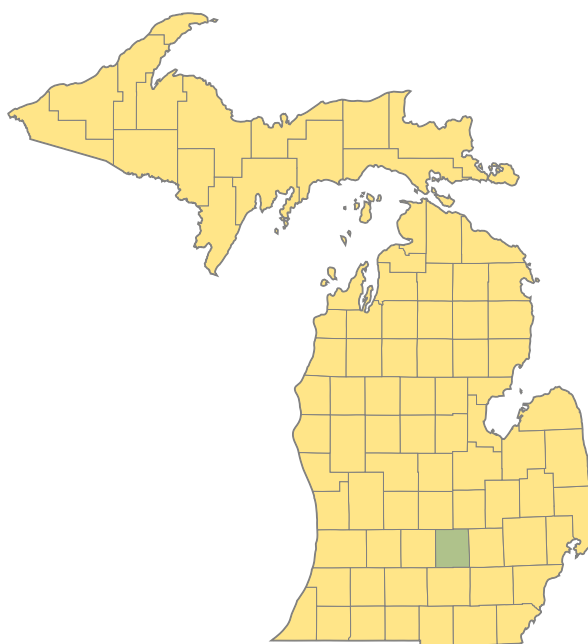
O = No Injury

Property Damage Only (PDO)



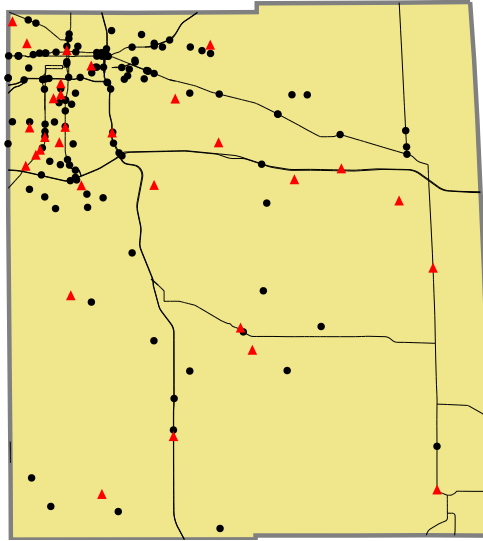
Ingham County

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 (30/30)

● A - Suspected Serious (130/130)

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	639	1	106	532	1	145
February	634	1	109	524	1	155
March	490	3	94	393	3	135
April	537	3	125	409	3	178
May	541	4	126	411	4	185
June	638	0	151	487	0	217
July	582	3	120	459	4	185
August	671	5	173	493	5	234
September	759	2	166	591	2	232
October	939	1	174	764	1	227
November	807	4	132	671	4	163
December	650	3	127	520	4	174
Total	7,887	30	1,603	6,254	32	2,230

2021 - Driver Statistics

Age Group	Ingham County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	51,063	1,075	25	4.9	232.6
16 - 20	31,430	10,507	1,646	523.7	1,566.6
21 - 24	30,209	13,824	1,622	536.9	1,173.3
25 - 64	139,057	121,753	7,775	559.1	638.6
65 +	40,647	38,519	1,321	325.0	342.9
Unknown	0	0	1,519	--	--
Total	292,406	185,678	13,908	475.6	749.0

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

2021 - Vehicles in Crashes

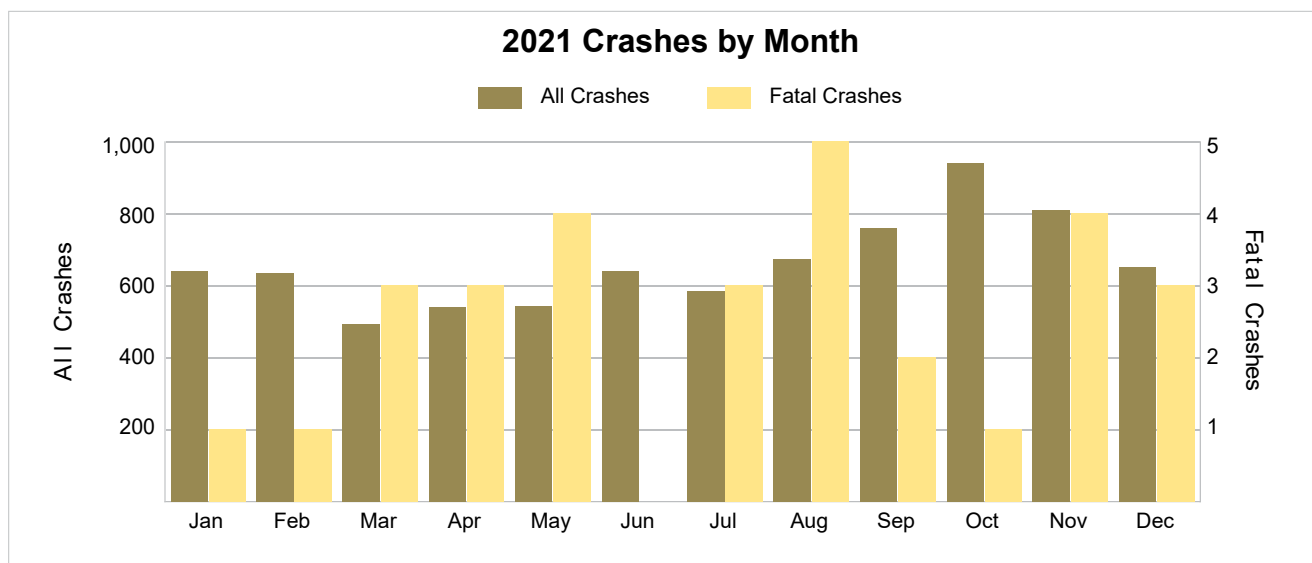
Vehicle Type	Motor Vehicles		Fatal Crashes		Injury Crashes	PDO Crashes
	Number of Vehicles	% of Total	Number	% of Total	Number	Number
Passenger Car, SUV, Van	11,575	83.2	32	68.1	2,504	9,039
Motor Home	28	0.2	0	0.0	5	23
Pickup Truck	1,229	8.8	5	10.6	254	970
Small Truck Under 10,000 lbs. GVWR	55	0.4	0	0.0	14	41
Motorcycle	83	0.6	9	19.1	58	16
Moped/Goped	22	0.2	0	0.0	18	4
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)	1	0.0	0	0.0	0	1
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	47	0.3	0	0.0	10	37
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	333	2.4	1	2.1	55	277
Uncoded & Errors	535	3.8	0	0.0	68	467
Total	13,908	100.0	47	100.0	2,986	10,875

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	831	3	1,038	3	955	2	824	0	639	1
February	612	1	906	1	774	1	897	2	634	1
March	796	0	658	2	708	1	409	0	490	3
April	679	3	707	0	621	1	275	0	537	3
May	753	2	688	0	671	1	401	0	541	4
June	714	4	689	2	764	0	485	1	638	0
July	657	2	630	1	650	1	577	4	582	3
August	672	2	696	1	753	2	574	1	671	5
September	790	4	780	1	803	1	592	0	759	2
October	1,032	1	1,014	1	1,063	4	703	3	939	1
November	926	1	1,024	1	1,044	1	676	2	807	4
December	973	1	724	1	735	1	514	2	650	3
Total	9,435	24	9,554	14	9,541	16	6,927	15	7,887	30

5-Year Trend - Crashes by Day of Week

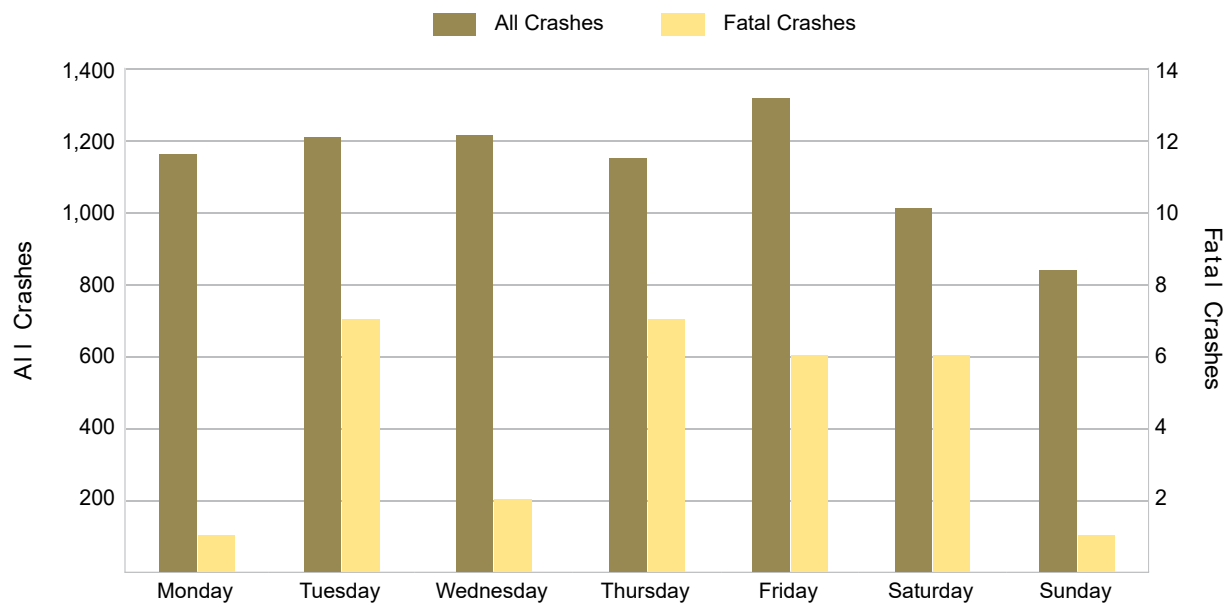
Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	1,385	3	1,434	1	1,492	1	933	2	1,159	1
Tuesday	1,544	0	1,470	2	1,517	2	931	2	1,208	7
Wednesday	1,444	4	1,429	4	1,568	2	1,212	1	1,211	2
Thursday	1,531	3	1,432	0	1,498	1	1,100	2	1,148	7
Friday	1,600	5	1,706	2	1,483	6	1,086	4	1,314	6
Saturday	1,078	6	1,181	3	1,035	2	871	3	1,010	6
Sunday	853	3	902	2	948	2	794	1	837	1
Total	9,435	24	9,554	14	9,541	16	6,927	15	7,887	30



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	1,159	14.7	1	3.3	18	53	141	946
Tuesday	1,208	15.3	7	23.3	18	60	159	964
Wednesday	1,211	15.4	2	6.7	21	63	160	965
Thursday	1,148	14.6	7	23.3	16	61	174	890
Friday	1,314	16.7	6	20.0	19	74	169	1,046
Saturday	1,010	12.8	6	20.0	22	69	129	784
Sunday	837	10.6	1	3.3	16	57	104	659
Total	7,887	100.0	30	100.0	130	437	1,036	6,254

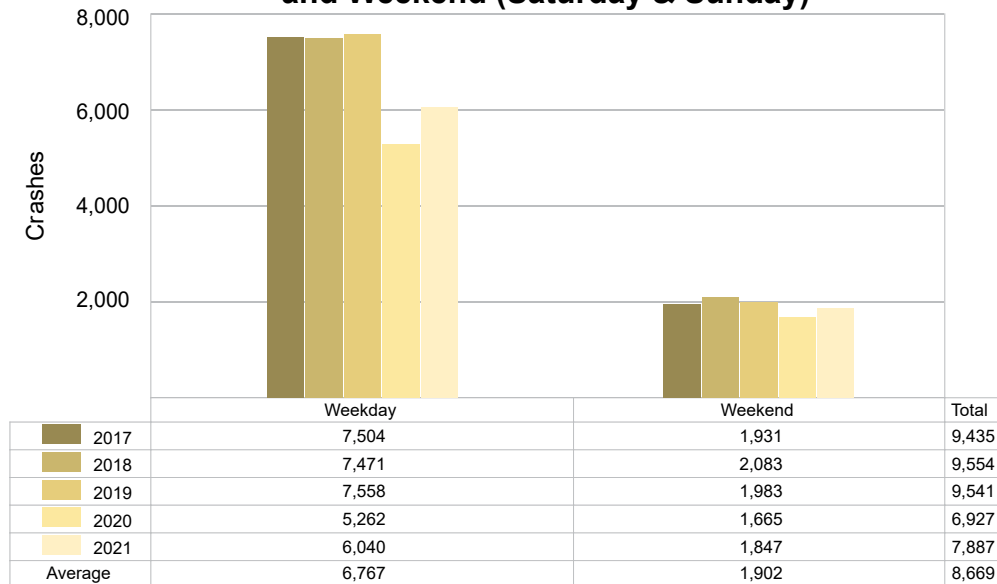
2021 Day of Week and Severity



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	7,504	15	7,471	9	7,558	12	5,262	11	6,040	23
Weekend	1,931	9	2,083	5	1,983	4	1,665	4	1,847	7
Total	9,435	24	9,554	14	9,541	16	6,927	15	7,887	30

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

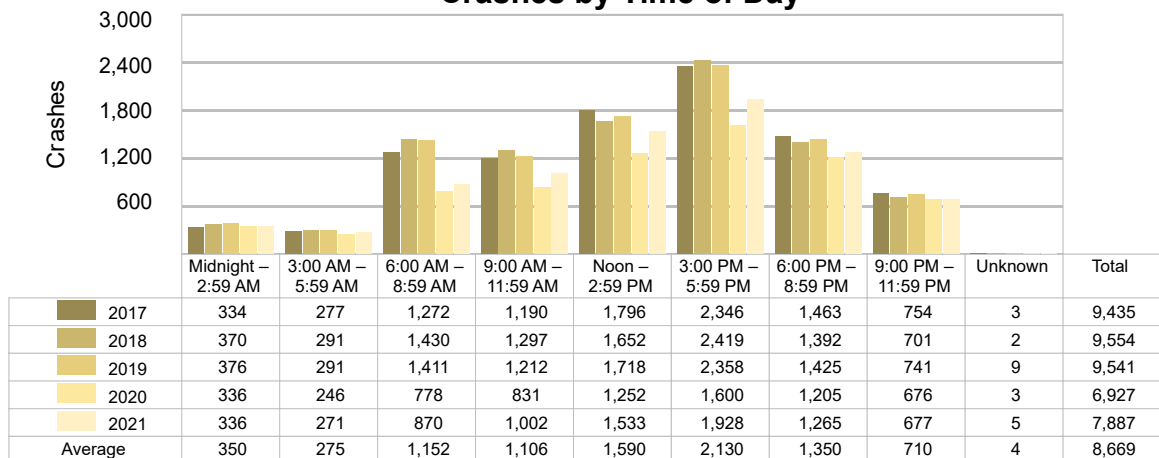


5-Year Trend - Crashes by Time of Day

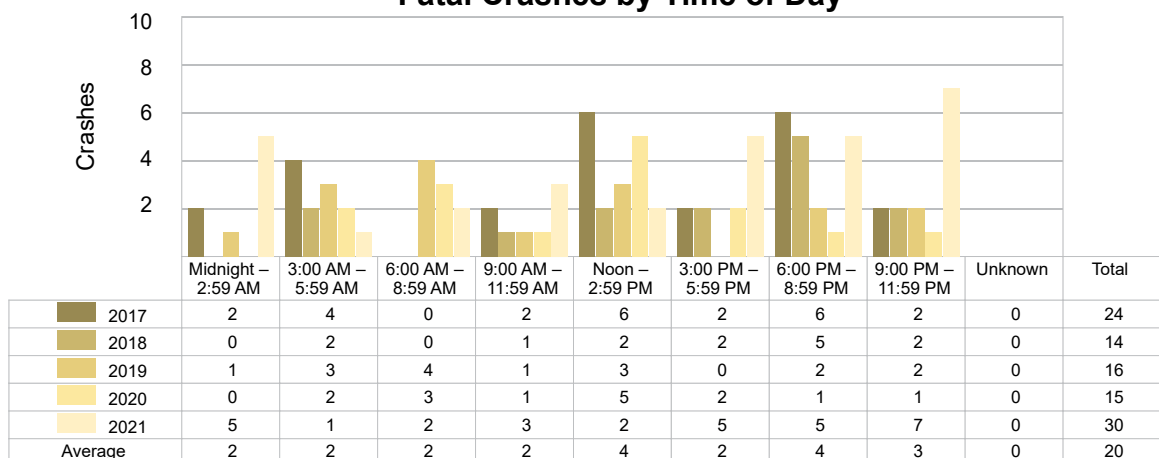
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	334	2	370	0	376	1	336	0	336	5
3:00 AM – 5:59 AM	277	4	291	2	291	3	246	2	271	1
6:00 AM – 8:59 AM	1,272	0	1,430	0	1,411	4	778	3	870	2
9:00 AM – 11:59 AM	1,190	2	1,297	1	1,212	1	831	1	1,002	3
Noon – 2:59 PM	1,796	6	1,652	2	1,718	3	1,252	5	1,533	2
3:00 PM – 5:59 PM	2,346 †	2	2,419 †	2	2,358 †	0	1,600 †	2	1,928 †	5
6:00 PM – 8:59 PM	1,463	6	1,392	5	1,425	2	1,205	1	1,265	5
9:00 PM – 11:59 PM	754	2	701	2	741	2	676	1	677	7
Unknown	3	0	2	0	9	0	3	0	5	0
Total	9,435	24	9,554	14	9,541	16	6,927	15	7,887	30

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

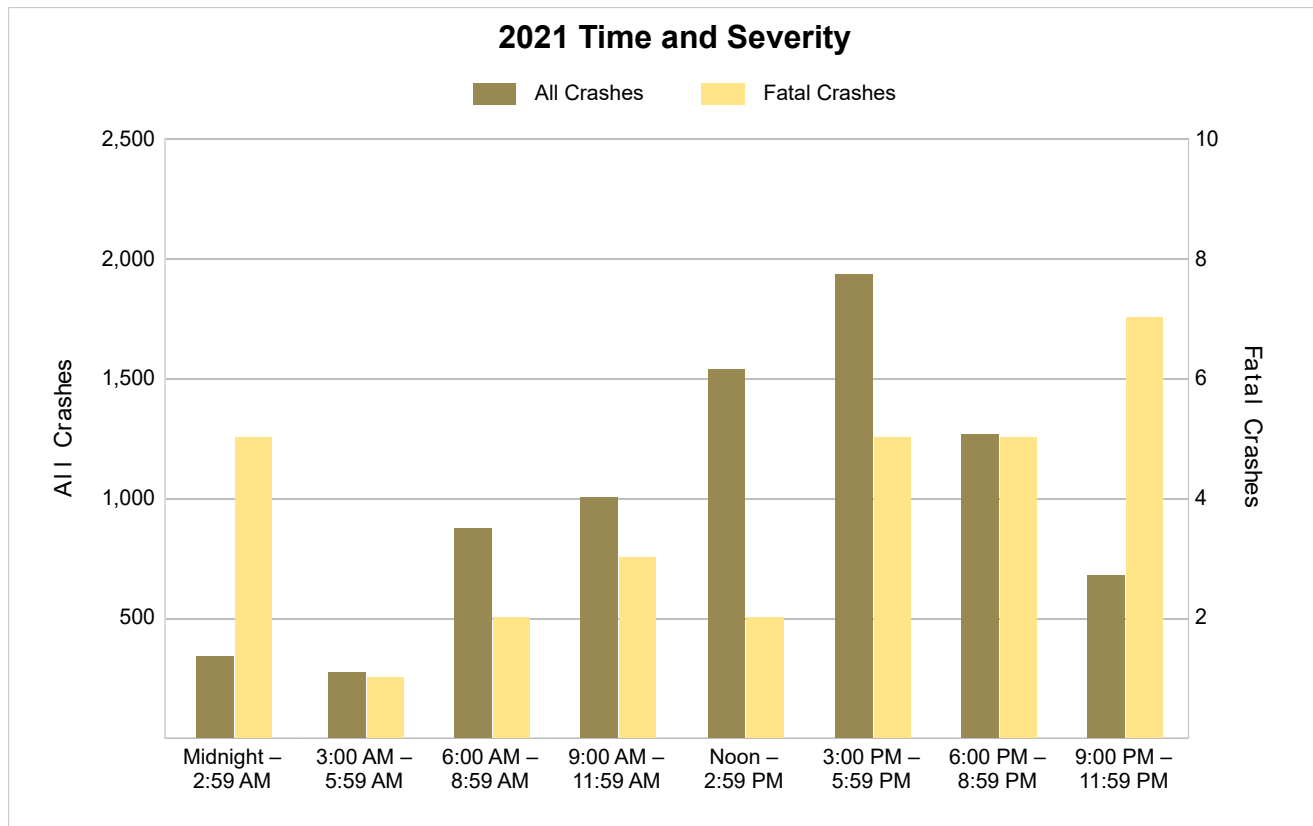


5-Year Trend Fatal Crashes by Time of Day



2021 - Time and Severity

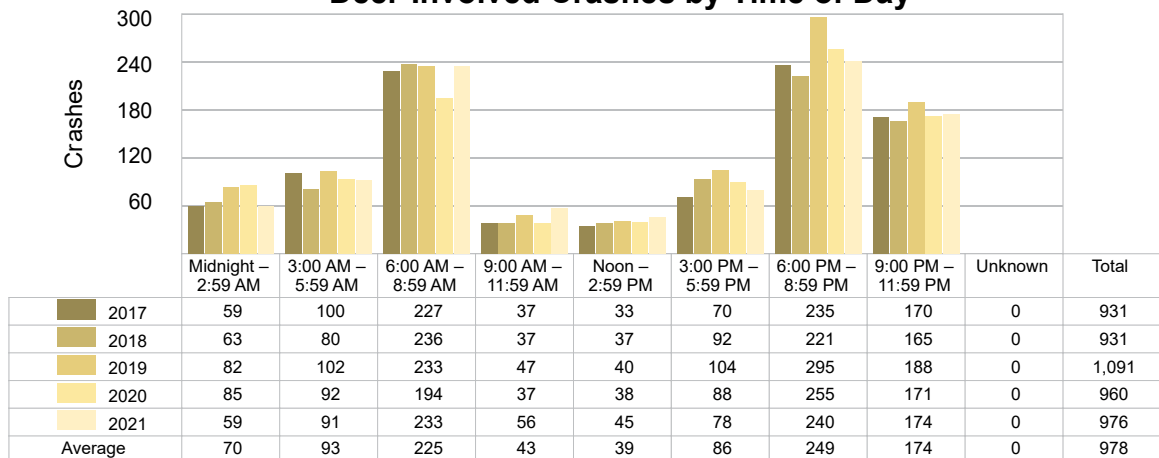
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	336	4.3	5	16.7	7	29	38	257
3:00 AM – 5:59 AM	271	3.4	1	3.3	8	21	25	216
6:00 AM – 8:59 AM	870	11.0	2	6.7	8	40	105	715
9:00 AM – 11:59 AM	1,002	12.7	3	10.0	13	57	122	807
Noon – 2:59 PM	1,533	19.4	2	6.7	19	79	207	1,226
3:00 PM – 5:59 PM	1,928	24.4	5	16.7	33	92	265	1,533
6:00 PM – 8:59 PM	1,265	16.0	5	16.7	33	73	174	980
9:00 PM – 11:59 PM	677	8.6	7	23.3	9	46	100	515
Unknown	5	0.1	0	0.0	0	0	0	5
Total	7,887	100.0	30	100.0	130	437	1,036	6,254



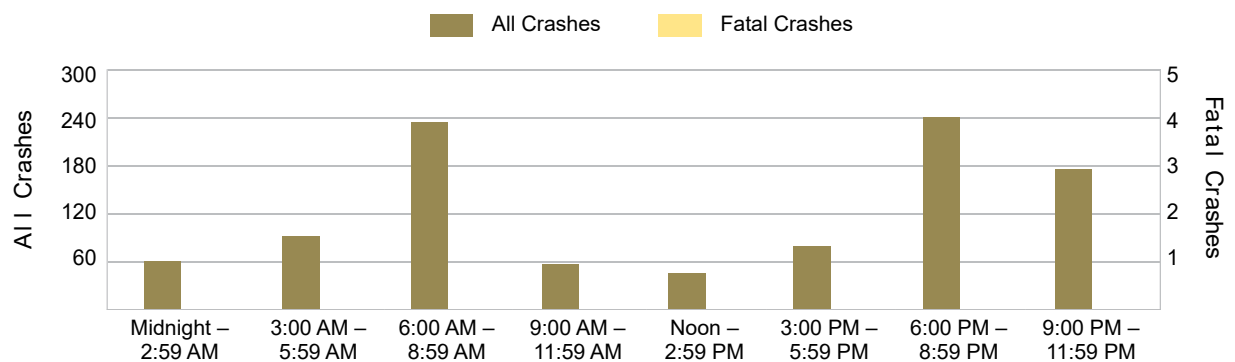
5-Year Trend - Deer-Involved Crashes by Time of Day

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	59	0	63	0	82	0	85	0	59	0
3:00 AM – 5:59 AM	100	0	80	0	102	0	92	0	91	0
6:00 AM – 8:59 AM	227	0	236	0	233	0	194	0	233	0
9:00 AM – 11:59 AM	37	0	37	0	47	0	37	0	56	0
Noon – 2:59 PM	33	0	37	0	40	0	38	0	45	0
3:00 PM – 5:59 PM	70	0	92	0	104	0	88	0	78	0
6:00 PM – 8:59 PM	235	0	221	0	295	0	255	0	240	0
9:00 PM – 11:59 PM	170	0	165	0	188	0	171	0	174	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	931	0	931	0	1,091	0	960	0	976	0

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



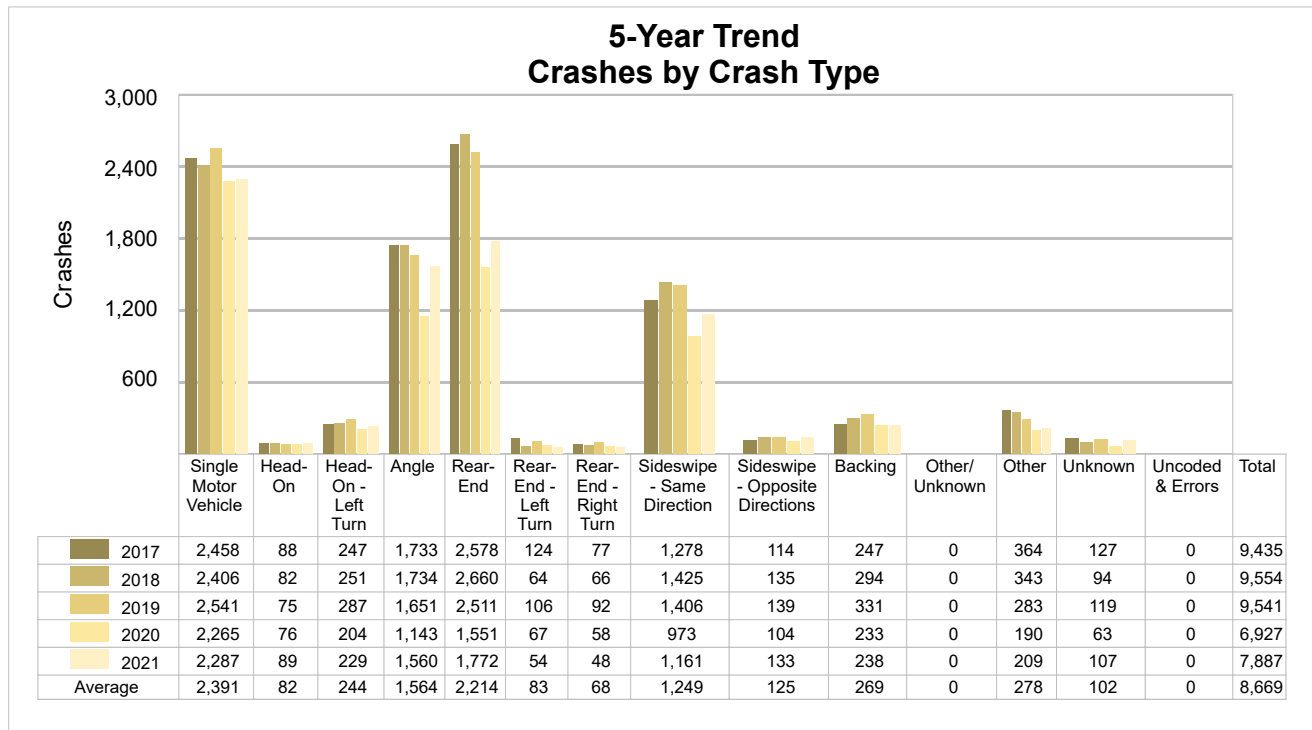
2021 Time and Severity of Deer-Involved Crashes



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

5-Year Trend - Crashes by Crash Type

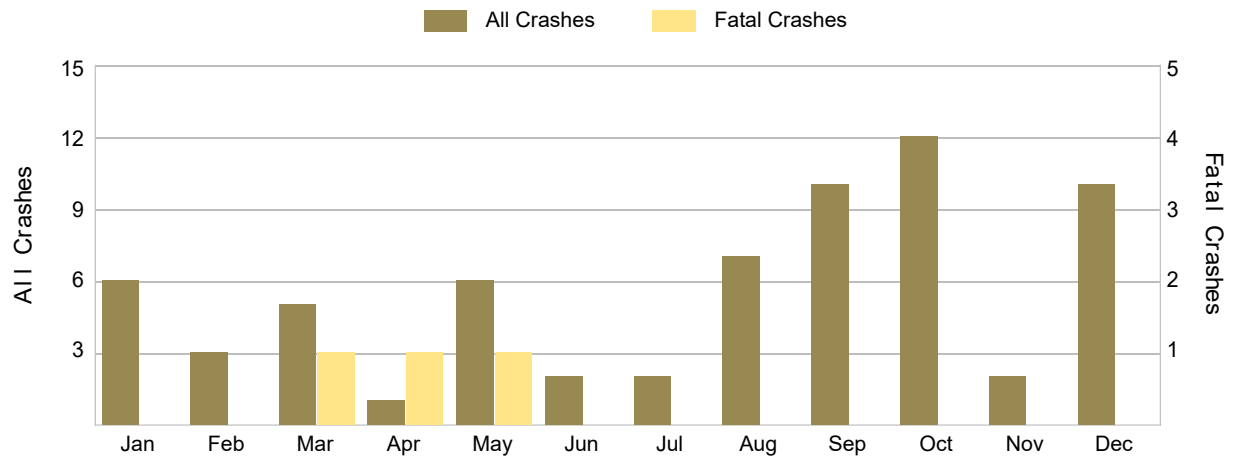
Crash Type	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single Motor Vehicle	2,458	14	2,406	4	2,541	10	2,265	5	2,287	14
Head-On	88	0	82	3	75	1	76	2	89	1
Head-On - Left Turn	247	4	251	1	287	2	204	0	229	0
Angle	1,733	3	1,734	3	1,651	2	1,143	6	1,560	15
Rear-End	2,578	1	2,660	0	2,511	0	1,551	1	1,772	0
Rear-End - Left Turn	124	0	64	0	106	0	67	0	54	0
Rear-End - Right Turn	77	0	66	0	92	0	58	0	48	0
Sideswipe - Same Direction	1,278	0	1,425	1	1,406	0	973	0	1,161	0
Sideswipe - Opposite Directions	114	0	135	0	139	0	104	0	133	0
Backing	247	0	294	0	331	0	233	0	238	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	364	2	343	2	283	1	190	1	209	0
Unknown	127	0	94	0	119	0	63	0	107	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	9,435	24	9,554	14	9,541	16	6,927	15	7,887	30



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	13	0	10	1	10	0	7	0	6	0
February	8	0	6	0	4	0	7	0	3	0
March	8	0	5	1	6	0	2	0	5	1
April	12	2	10	0	6	0	1	0	1	1
May	11	1	6	0	4	0	1	0	6	1
June	8	0	3	0	2	0	8	0	2	0
July	3	1	1	0	5	0	5	0	2	0
August	7	1	2	0	2	0	7	1	7	0
September	10	0	7	0	11	0	5	0	10	0
October	11	0	7	0	16	2	4	0	12	0
November	8	1	11	0	12	0	5	1	2	0
December	6	0	4	0	6	1	1	0	10	0
Total	105	6	72	2	84	3	53	2	66	3

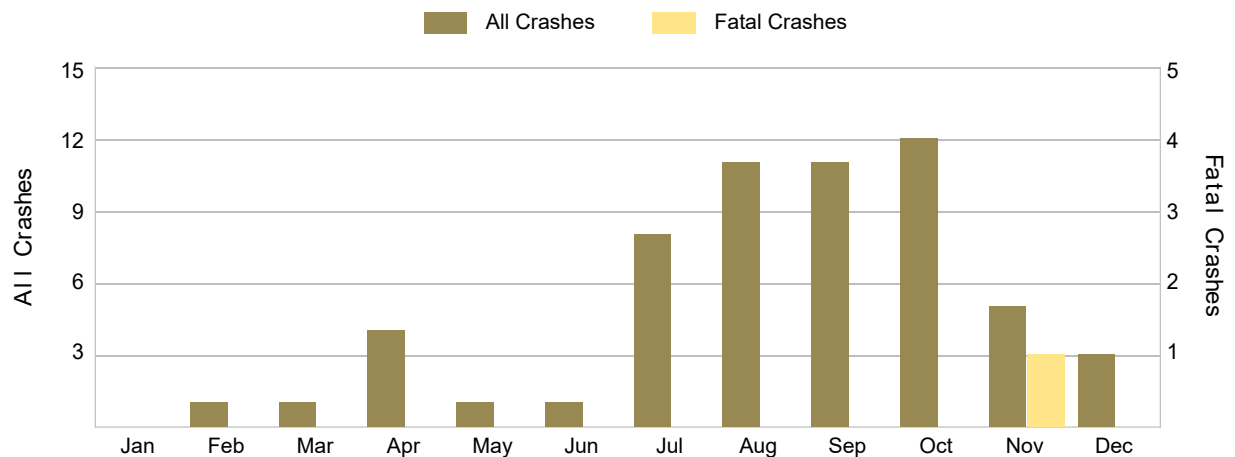
2021 Pedestrian-Involved Crashes by Month



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	4	0	3	0	1	0	2	0	0	0
February	2	0	3	0	0	0	3	0	1	0
March	4	0	6	0	6	0	2	0	1	0
April	11	0	1	0	3	0	0	0	4	0
May	7	0	10	0	7	0	3	0	1	0
June	7	0	7	0	11	0	3	0	1	0
July	7	0	5	0	9	0	5	0	8	0
August	11	0	9	0	8	1	5	0	11	0
September	22	0	14	0	18	0	4	0	11	0
October	18	0	19	0	20	0	5	0	12	0
November	7	0	11	0	5	0	3	0	5	1
December	3	0	3	0	1	0	2	1	3	0
Total	103	0	91	0	89	1	37	1	58	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
Alaiedon Twp.	247	1	44	202	72	59	0	115	4	3	80	0	1
Aurelius Twp.	87	1	13	73	0	0	0	87	3	0	50	0	0
Bunker Hill Twp.	30	0	2	28	0	0	0	30	0	1	23	0	0
Dansville	0	0	0	0	0	0	0	0	0	0	0	0	0
Delhi Twp.	416	1	86	329	38	8	22	348	23	1	74	4	4
East Lansing	1,030	0	208	822	186	39	272	533	31	7	45	18	20
Ingham Twp.	56	0	17	39	0	0	13	43	3	3	27	1	0
Lansing	3,503	14	802	2,687	743	16	814	1,928	121	35	82	32	22
Lansing Twp.	693	1	132	560	22	78	288	303	14	2	13	3	3
Leroy Twp.	151	1	20	130	75	0	48	27	3	1	56	0	0
Leslie	7	0	0	7	0	0	0	7	0	0	3	0	0
Leslie Twp.	92	1	15	76	0	49	0	43	3	2	45	0	0
Locke Twp.	68	0	12	56	0	0	24	42	1	1	37	0	0
Mason	121	0	21	100	0	21	42	58	3	0	21	1	2
Meridian Twp.	726	3	119	604	32	0	195	499	21	2	129	7	5
Onondaga Twp.	76	1	14	61	0	0	0	76	8	1	36	0	0
Stockbridge	0	0	0	0	0	0	0	0	0	0	0	0	0
Stockbridge Twp.	82	1	16	65	0	0	43	38	3	0	31	0	1
Vevay Twp.	157	2	21	134	0	54	20	83	7	3	68	0	0
Webberville	0	0	0	0	0	0	0	0	0	0	0	0	0
Wheatfield Twp.	115	2	23	90	65	0	0	50	2	0	51	0	0
White Oak Twp.	43	1	3	39	0	0	29	14	1	0	33	0	0
Williamston	45	0	11	34	0	0	23	22	1	3	1	0	0
Williamstown Twp.	142	0	24	118	0	0	46	96	4	2	71	0	0
Total	7,887	30	1,603	6,254	1,233	324	1,879	4,442	256	67	976	66	58

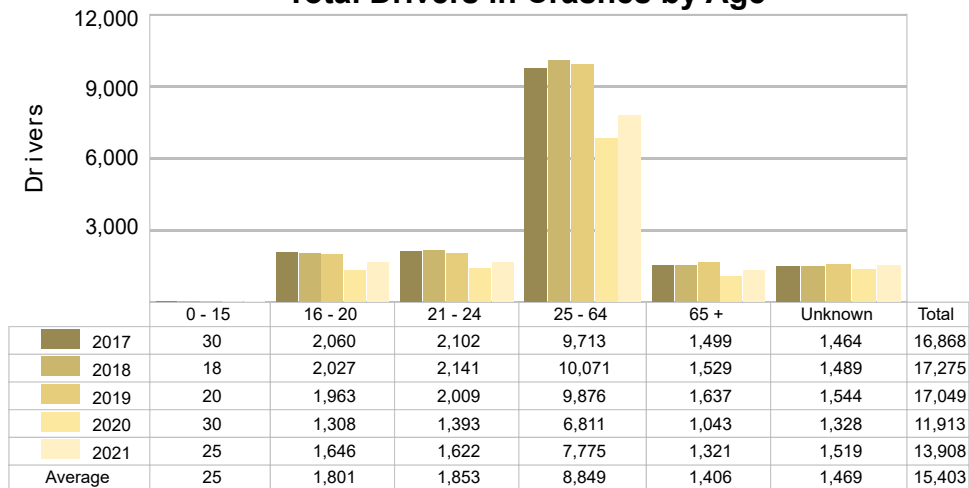
2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Alaiedon Twp.	1	0	30	56	378	9
Aurelius Twp.	1	2	22	6	107	4
Bunker Hill Twp.	0	0	0	3	32	1
Dansville	0	0	0	0	0	0
Delhi Twp.	1	16	66	123	698	43
East Lansing	0	49	132	355	1,830	172
Ingham Twp.	0	7	19	8	60	2
Lansing	15	165	540	1,509	6,071	1,082
Lansing Twp.	1	35	72	248	1,222	115
Leroy Twp.	1	4	13	20	231	10
Leslie	0	0	0	0	10	1
Leslie Twp.	1	4	16	12	114	5
Locke Twp.	0	1	9	13	78	1
Mason	0	0	12	28	231	7
Meridian Twp.	3	8	112	219	1,469	85
Onondaga Twp.	2	3	9	15	87	3
Stockbridge	0	0	0	0	0	0
Stockbridge Twp.	1	2	12	16	101	6
Vevay Twp.	2	10	8	25	212	3
Webberville	0	0	0	0	0	0
Wheatfield Twp.	2	3	13	30	171	4
White Oak Twp.	1	0	1	4	46	1
Williamston	0	5	10	18	87	5
Williamstown Twp.	0	14	22	24	203	5
Total	32	328	1,118	2,732	13,438	1,564

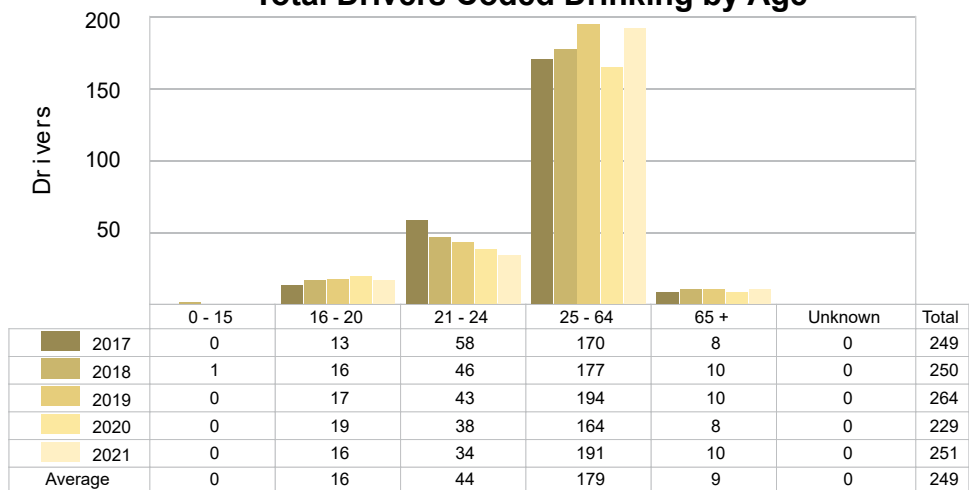
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	30	0	18	1	20	0	30	0	25	0
16 - 20	2,060	13	2,027	16	1,963	17	1,308	19	1,646	16
21 - 24	2,102	58	2,141	46	2,009	43	1,393	38	1,622	34
25 - 64	9,713	170	10,071	177	9,876	194	6,811	164	7,775	191
65 +	1,499	8	1,529	10	1,637	10	1,043	8	1,321	10
Unknown	1,464	0	1,489	0	1,544	0	1,328	0	1,519	0
Total	16,868	249	17,275	250	17,049	264	11,913	229	13,908	251

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	29	20	14	16	0	2	6	3	5
21 - 24	45	39	31	34	0	4	8	6	16
25 - 64	260	201	157	191	0	8	24	42	117
65 +	16	15	8	10	0	1	3	0	6
Unknown	34	0	0	0	0	0	0	0	0
Total	384	275	210	251	0	15	41	51	144

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).

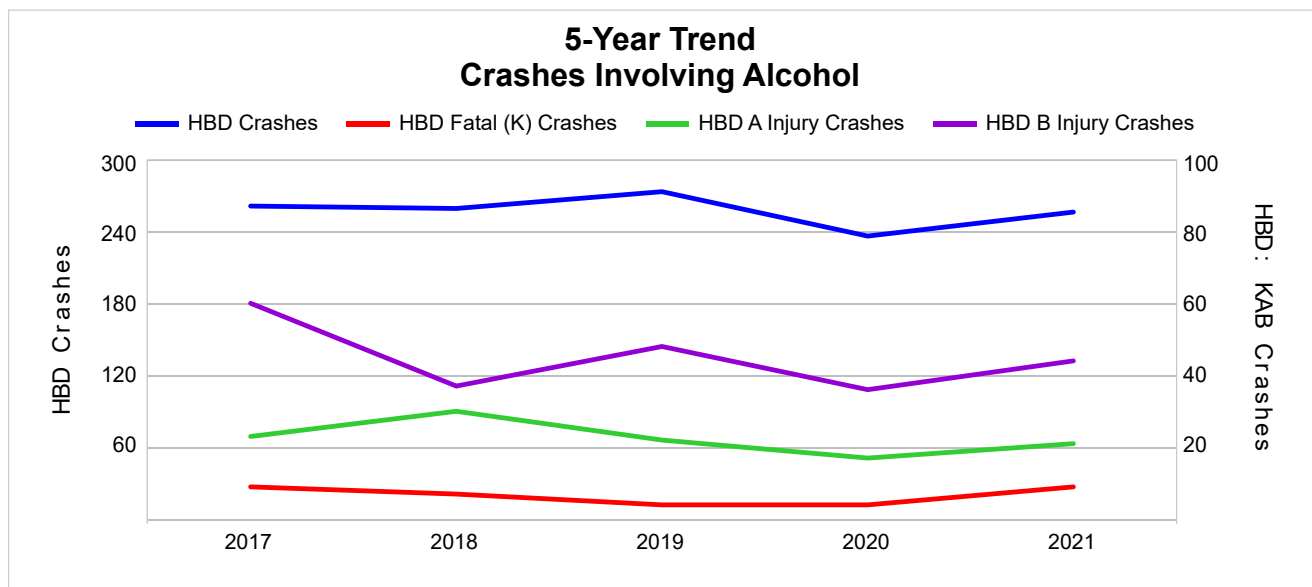
A driver may be coded by the officer as drinking even though no test is administered.

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	9,435	261	2.8	24	9	37.5	146	23	15.8	479	60	12.5
2018	9,554	259	2.7	14	7	50.0	143	30	21.0	446	37	8.3
2019	9,541	273	2.9	16	4	25.0	135	22	16.3	447	48	10.7
2020	6,927	236	3.4	15	4	26.7	121	17	14.0	344	36	10.5
2021	7,887	256	3.2	30 **	9	30.0	130	21	16.2	437	44	10.1

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.



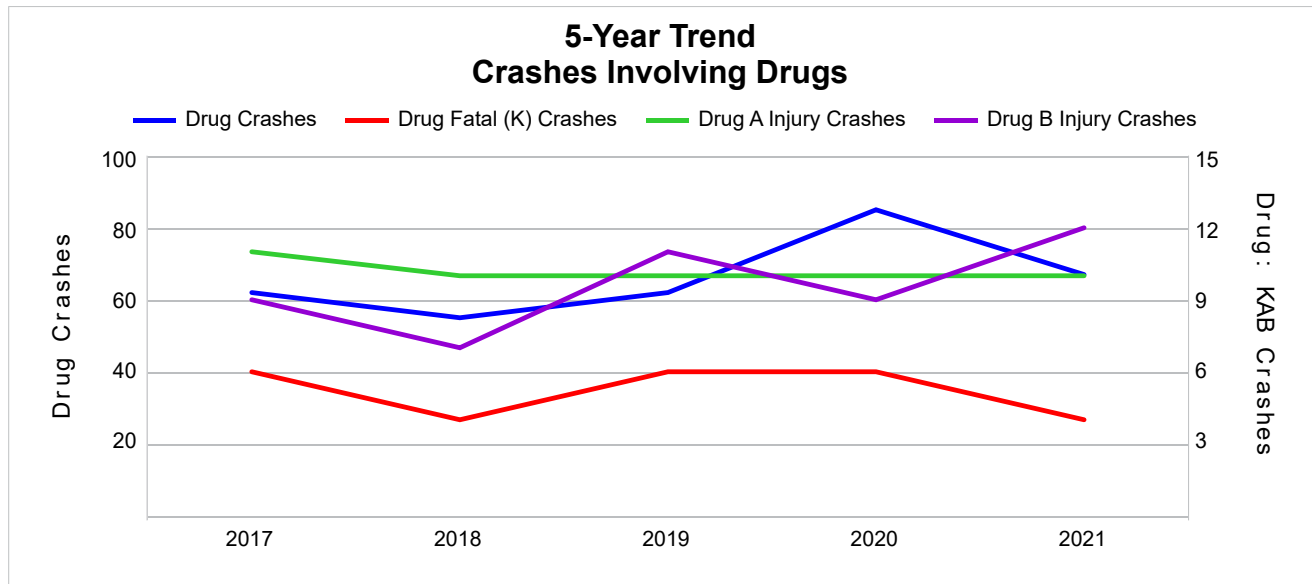
Note: Had-Been-Drinking (HBD)

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	9,435	62	0.7	24	6	25.0	146	11	7.5	479	9	1.9
2018	9,554	55	0.6	14	4	28.6	143	10	7.0	446	7	1.6
2019	9,541	62	0.6	16	6	37.5	135	10	7.4	447	11	2.5
2020	6,927	85	1.2	15	6	40.0	121	10	8.3	344	9	2.6
2021	7,887	67	0.8	30 **	4	13.3 *	130	10	7.7	437	12 **	2.7 **

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.

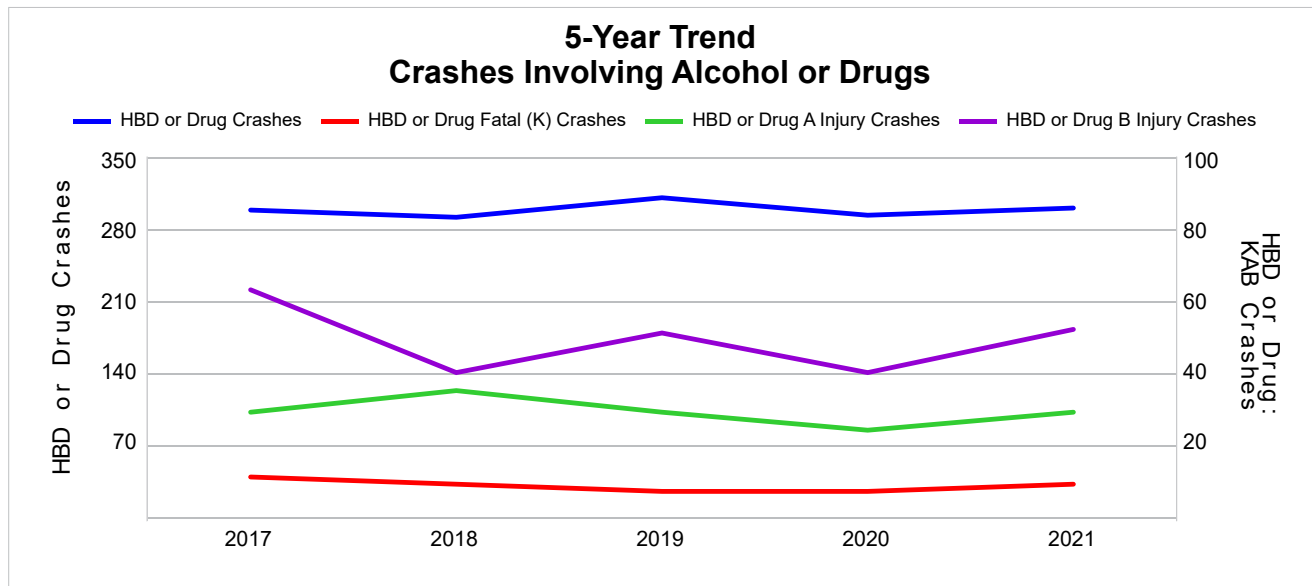


5-Year Trend - Crashes Involving Alcohol or Drugs

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	9,435	298	3.2	24	11	45.8	146	29	19.9	479	63	13.2
2018	9,554	291	3.0	14	9	64.3	143	35	24.5	446	40	9.0
2019	9,541	310	3.2	16	7	43.8	135	29	21.5	447	51	11.4
2020	6,927	293	4.2	15	7	46.7	121	24	19.8	344	40	11.6
2021	7,887	300	3.8	30 **	9	30.0 *	130	29	22.3	437	52	11.9

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	12,021	10,580	88.0	16	12	75.0	107	78	72.9	450	399	88.7	1,298	1,217	93.8	9,261	8,874	95.8
Motor Home	30	27	90.0	0	0	0.0	1	0	0.0	2	1	50.0	3	3	100.0	24	23	95.8
Pickup Truck	1,264	1,096	86.7	2	0	0.0	11	7	63.6	32	28	87.5	109	98	89.9	1,006	963	95.7
Small Truck Under 10,000 lbs. GVWR	57	50	87.7	0	0	0.0	0	0	0.0	3	3	100.0	4	4	100.0	45	43	95.6
Motorcycle	89	47	52.8	9	4	44.4	23	10	43.5	23	12	52.2	17	12	70.6	13	9	69.2
Moped/Goped	23	2	8.7	0	0	0.0	5	0	0.0	7	1	14.3	7	0	0.0	3	1	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	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)	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	47	20	42.6	0	0	0.0	1	0	0.0	3	0	0.0	4	0	0.0	31	20	64.5
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	339	309	91.2	1	1	100.0	1	0	0.0	5	4	80.0	17	11	64.7	300	293	97.7
Uncoded & Errors	535	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	14,406	12,132	84.2	28	17	60.7	149	95	63.8	525	448	85.3	1,459	1,345	92.2	10,684	10,227	95.7

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	161	135	83.9	0	0	0.0	6	2	33.3	27	20	74.1	107	96	89.7	20	17	85.0
16 - 20	1,728	1,631	94.4	4	3	75.0	19	11	57.9	71	53	74.6	169	158	93.5	1,462	1,406	96.2
21 - 24	1,670	1,570	94.0	3	0	0.0	19	13	68.4	82	72	87.8	169	161	95.3	1,384	1,324	95.7
25 - 64	7,964	7,495	94.1	16	10	62.5	92	59	64.1	279	241	86.4	854	781	91.5	6,700	6,404	95.6
65 +	1,364	1,300	95.3	5	4	80.0	13	10	76.9	66	62	93.9	160	149	93.1	1,116	1,075	96.3
Unknown	1,519	1	0.1	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	1	50.0
Total	14,406	12,132	84.2	28	17	60.7	149	95	63.8	525	448	85.3	1,459	1,345	92.2	10,684	10,227	95.7

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	32	0	4	23	0	4	28	0	3	19	0	3	36	0	14
Shoulder Belt Only Used	67	0	10	52	0	7	50	0	5	59	0	11	71	0	4
Lap Belt Only Used	46	0	4	45	0	6	48	0	5	18	0	2	38	0	4
Both Lap & Shoulder Belt Used	14,625	3	1,590	15,001	6	1,584	14,810	2	1,656	9,966	3	1,204	11,543	10	1,419
No Belts Used	93	0	32	85	1	31	65	3	28	65	2	36	63	2	28
Child Restraint Used - Forward Facing	1	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	2	0	0	0	0	0	0	0	0
Restraint Failure	3	0	1	9	0	0	3	0	0	0	0	0	3	0	1
Restraint Use Unknown	1,798	2	49	1,919	0	43	1,927	2	49	1,691	4	61	2,047	3	94
Helmet Worn	59	7	38	53	1	41	52	2	37	44	1	36	46	4	32
Helmet Not Worn	55	1	44	69	2	49	55	1	38	43	1	37	49	3	42
Helmet Use Unknown	10	1	5	6	0	4	2	1	0	6	0	4	5	2	1
Uncoded & Errors	79	0	1	13	0	0	7	0	0	2	0	0	7	0	0
Total	16,868	14	1,778	17,275	10	1,769	17,049	11	1,821	11,913	11	1,394	13,908	24	1,639

5-Year Trend - Restraint Use Among Drivers Coded Drinking

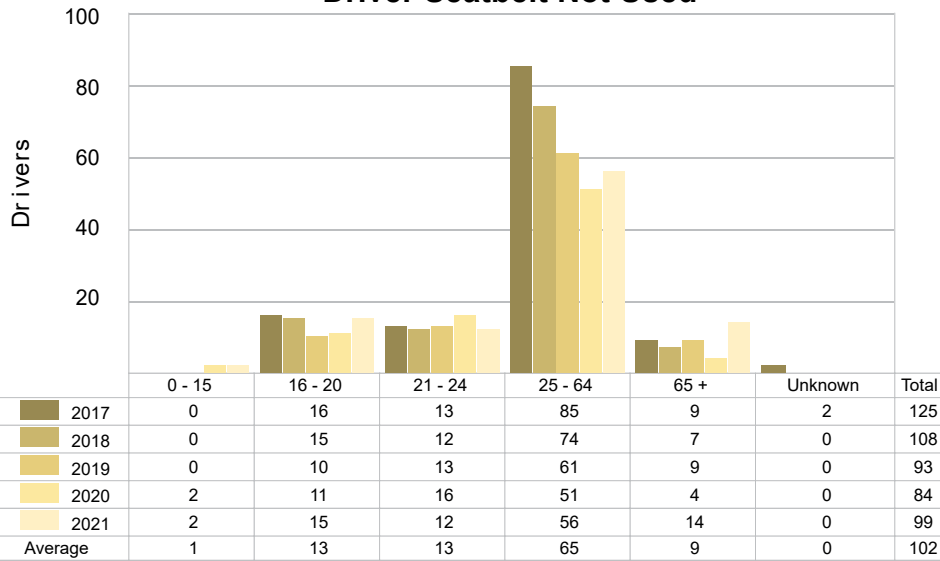
Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1
Shoulder Belt Only Used	0	0	0	0	0	0	2	0	0	1	0	0	1	0	0
Lap Belt Only Used	1	0	0	0	0	0	0	0	0	1	0	1	2	0	1
Both Lap & Shoulder Belt Used	185	2	63	187	1	70	190	0	74	162	0	60	167	1	71
No Belts Used	18	0	12	15	0	12	17	1	11	19	1	14	13	2	8
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	37	1	13	43	0	18	48	2	18	43	0	15	61	0	16
Helmet Worn	2	1	1	2	1	1	3	0	3	0	0	0	1	0	1
Helmet Not Worn	5	1	4	3	1	2	4	0	4	2	0	2	4	1	3
Helmet Use Unknown	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	249	5	94	250	3	103	264	3	110	229	1	92	251	5	101

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	2	0	1	2	0	1
16 - 20	16	0	5	15	0	7	10	1	3	11	0	3	15	1	7
21 - 24	13	0	4	12	0	4	13	1	4	16	0	4	12	0	7
25 - 64	85	0	24	74	1	23	61	1	22	51	1	30	56	1	19
65 +	9	0	3	7	0	1	9	0	2	4	1	1	14	0	8
Unknown	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	125	0	36	108	1	35	93	3	31	84	2	39	99	2	42

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

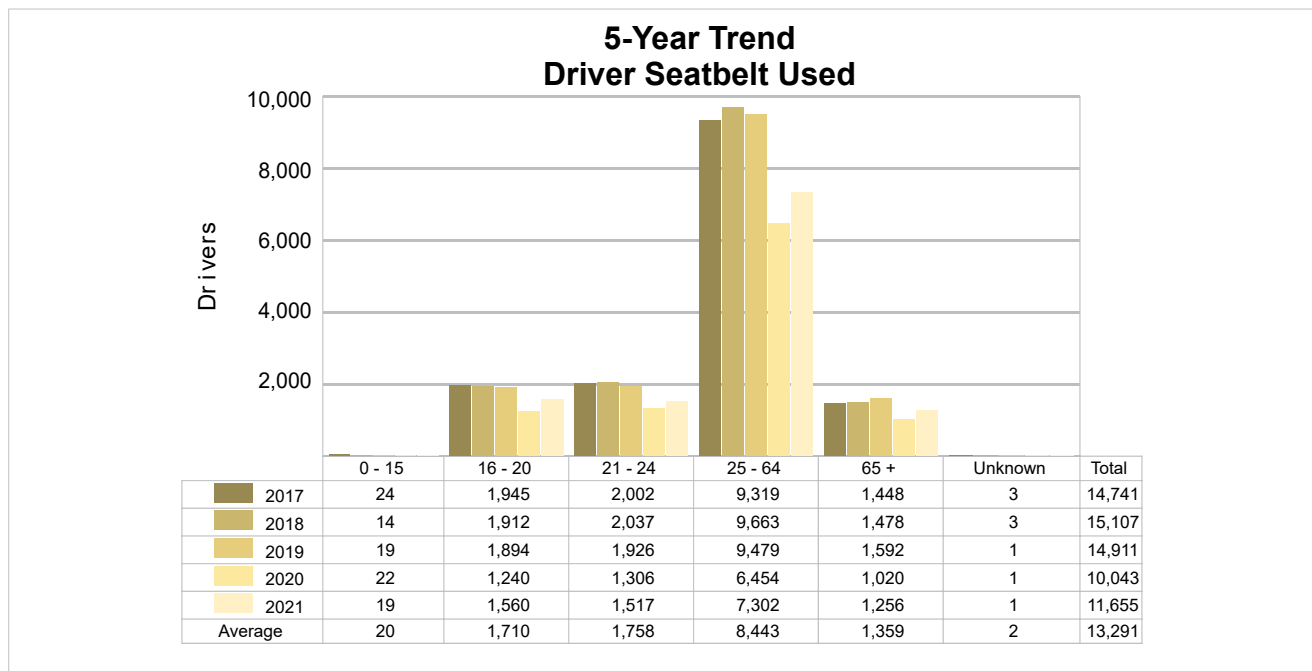
5-Year Trend Driver Seatbelt Not Used



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	24	0	4	14	0	0	19	0	2	22	0	6	19	0	2
16 - 20	1,945	0	193	1,912	1	201	1,894	0	193	1,240	1	129	1,560	2	153
21 - 24	2,002	0	188	2,037	1	177	1,926	0	192	1,306	1	154	1,517	0	194
25 - 64	9,319	3	1,048	9,663	3	1,026	9,479	0	1,075	6,454	1	793	7,302	4	902
65 +	1,448	0	172	1,478	1	193	1,592	2	204	1,020	0	135	1,256	4	177
Unknown	3	0	0	3	0	0	1	0	0	1	0	0	1	0	0
Total	14,741	3	1,605	15,107	6	1,597	14,911	2	1,666	10,043	3	1,217	11,655	10	1,428

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	8,471	14	8,748	10	8,677	11	5,958	12	7,105	17
Speed Too Fast	715	6	779	4	698	2	569	3	525	11
Speed Too Slow	11	0	17	0	9	0	3	0	3	0
Failed to Yield	1,738	4	1,661	4	1,616	4	1,023	3	1,350	7
Disregard Traffic Control	511	0	567	0	542	0	451	1	577	3
Drove Wrong Way	17	0	24	0	15	0	13	0	22	0
Drove Left of Center	48	0	52	2	55	1	55	1	52	1
Improper Passing	78	0	80	0	82	0	64	0	72	0
Improper Lane Use	490	0	496	0	534	0	337	0	392	0
Improper Turn	295	1	296	0	286	0	234	0	250	0
Improper/No Signal	16	0	10	0	9	0	4	0	11	0
Improper Backing	313	0	307	0	329	0	212	0	215	0
Unable to Stop in Assured Clear Distance	2,511	1	2,514	0	2,453	0	1,437	1	1,643	0
Other	389	1	424	0	385	0	285	2	311	1
Unknown	874	6	927	5	876	4	698	0	936	4
Reckless Driving	79	0	77	0	81	2	131	3	111	1
Careless/Negligent Driving	273	2	285	1	398	0	439	1	330	2
Uncoded & Errors	39	0	11	0	4	0	0	0	3	0
Total	16,868	35	17,275	26	17,049	24	11,913	27	13,908	47

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