



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

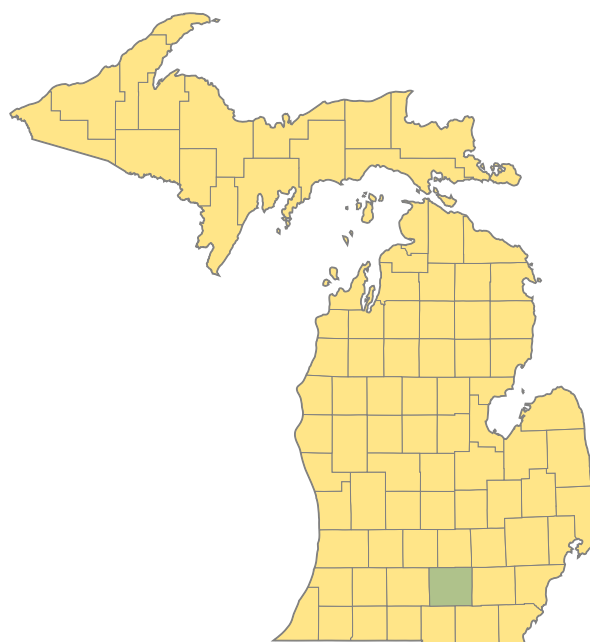
O = No Injury

Property Damage Only (PDO)



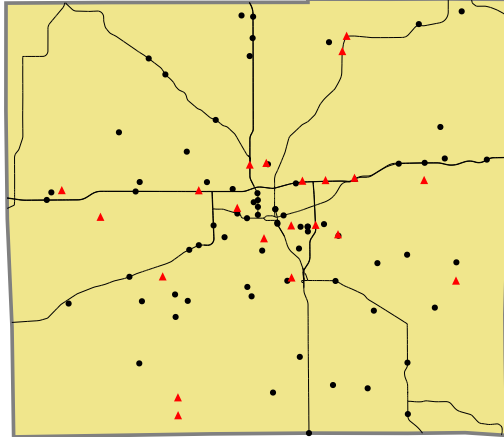
Jackson County

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 (21/21)
 ● A - Suspected Serious (72/72)

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	442	1	52	389	1	66
February	453	1	51	401	1	71
March	296	2	43	251	2	50
April	309	0	56	253	0	68
May	371	2	56	313	2	71
June	420	0	74	346	0	109
July	399	3	64	332	3	88
August	419	1	73	345	1	95
September	438	4	73	361	4	103
October	574	2	65	507	2	85
November	589	3	62	524	3	84
December	529	2	56	471	2	78
Total	5,239	21	725	4,493	21	968

2021 - Driver Statistics

Age Group	Jackson County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	29,819	731	20	6.7	273.6
16 - 20	9,597	6,769	858	894.0	1,267.5
21 - 24	7,777	6,306	677	870.5	1,073.6
25 - 64	82,365	71,233	4,887	593.3	686.1
65 +	28,952	28,019	912	315.0	325.5
Unknown	0	0	582	--	--
Total	158,510	113,058	7,936	500.7	701.9

*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	6,052	76.3	27	81.8	929	5,096
Motor Home	11	0.1	0	0.0	0	11
Pickup Truck	1,185	14.9	3	9.1	174	1,008
Small Truck Under 10,000 lbs. GVWR	47	0.6	0	0.0	8	39
Motorcycle	67	0.8	2	6.1	47	18
Moped/Goped	13	0.2	0	0.0	11	2
Go-Cart/Golf Cart	2	0.0	0	0.0	2	0
Snowmobile	1	0.0	0	0.0	0	1
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	3	0.0	0	0.0	1	2
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	42	0.5	0	0.0	5	37
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	256	3.2	1	3.0	37	218
Uncoded & Errors	257	3.2	0	0.0	20	237
Total	7,936	100.0	33	100.0	1,234	6,669

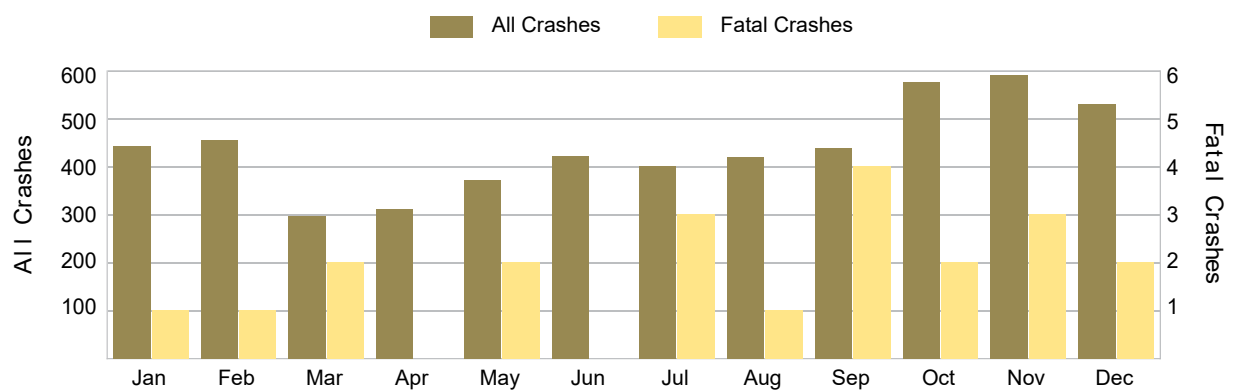
5-Year Trend - Crashes by Month

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	432	0	547	1	484	0	432	1	442	1
February	322	1	430	0	414	0	512	2	453	1
March	445	0	446	1	408	1	229	1	296	2
April	350	2	354	1	378	3	159	0	309	0
May	429	1	432	0	393	1	276	1	371	2
June	434	3	381	0	449	0	374	3	420	0
July	362	0	334	2	409	1	388	0	399	3
August	339	3	351	2	373	2	332	3	419	1
September	405	2	384	3	398	2	364	1	438	4
October	613	2	558	1	596	2	506	1	574	2
November	563	1	644	2	767	3	513	0	589	3
December	704	1	493	2	477	1	381	1	529	2
Total	5,398	16	5,354	15	5,546	16	4,466	14	5,239	21

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	807	2	807	2	923	1	640	1	802	3
Tuesday	775	0	816	2	848	4	610	0	828	4
Wednesday	810	3	812	0	830	2	757	1	761	2
Thursday	872	3	802	2	807	3	650	2	744	2
Friday	925	4	932	2	893	2	715	8	880	1
Saturday	692	3	621	1	685	3	609	1	697	7
Sunday	517	1	564	6	560	1	485	1	527	2
Total	5,398	16	5,354	15	5,546	16	4,466	14	5,239	21

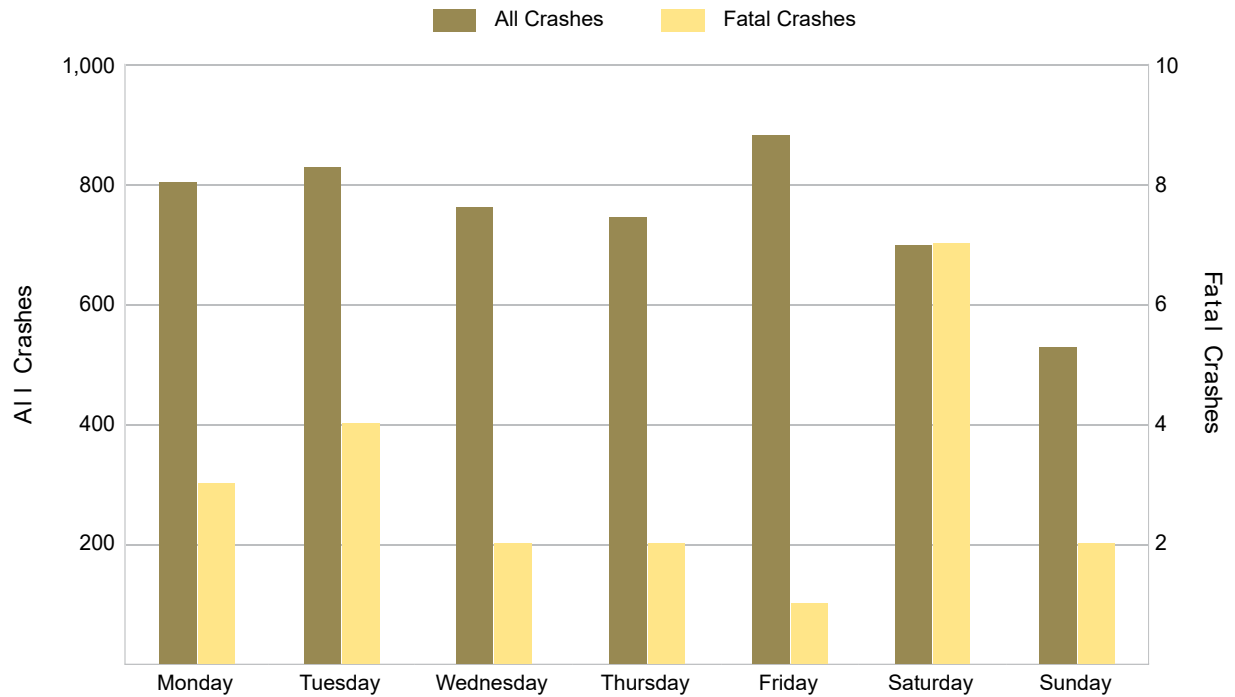
2021 Crashes by Month



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	802	15.3	3	14.3	6	28	84	681
Tuesday	828	15.8	4	19.0	14	29	56	725
Wednesday	761	14.5	2	9.5	12	40	47	660
Thursday	744	14.2	2	9.5	7	24	71	640
Friday	880	16.8	1	4.8	9	33	74	763
Saturday	697	13.3	7	33.3	15	29	65	581
Sunday	527	10.1	2	9.5	9	26	47	443
Total	5,239	100.0	21	100.0	72	209	444	4,493

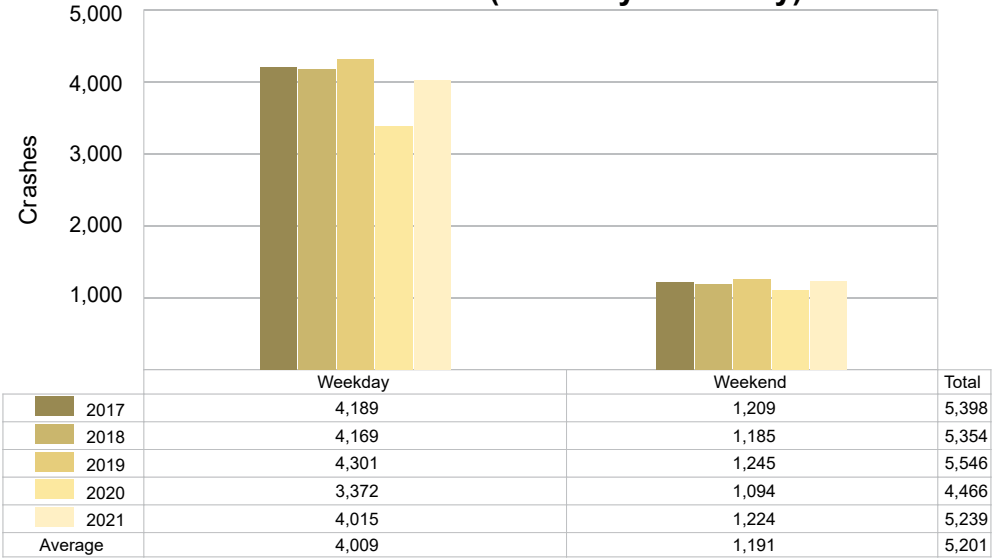
2021 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

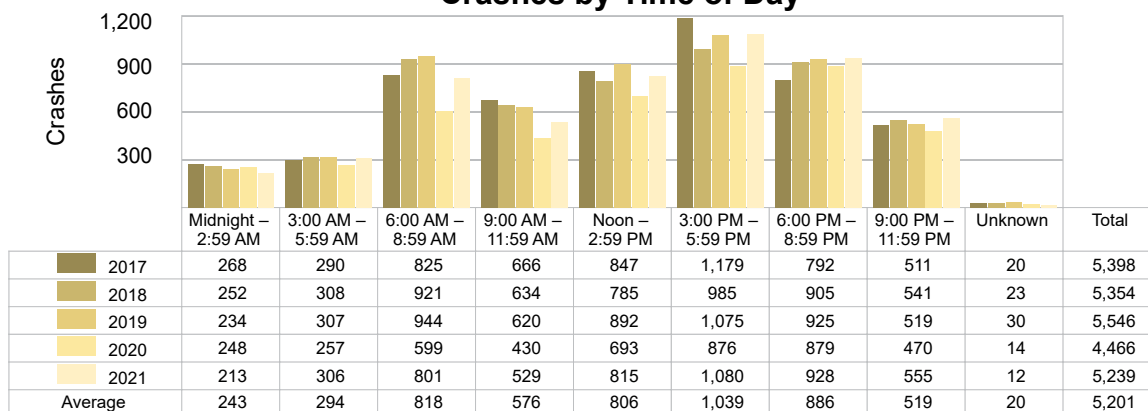
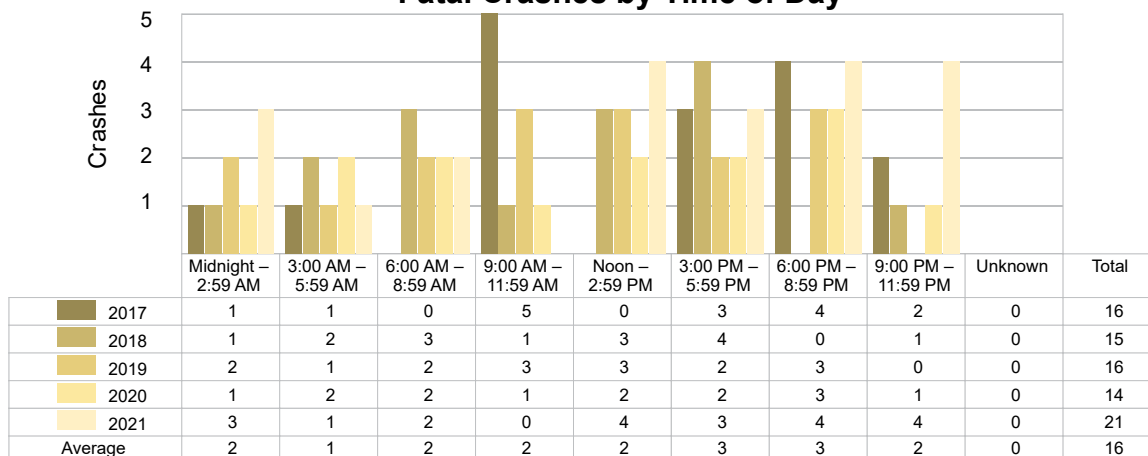
Portion of Week	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	4,189	12	4,169	8	4,301	12	3,372	12	4,015	12
Weekend	1,209	4	1,185	7	1,245	4	1,094	2	1,224	9
Total	5,398	16	5,354	15	5,546	16	4,466	14	5,239	21

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



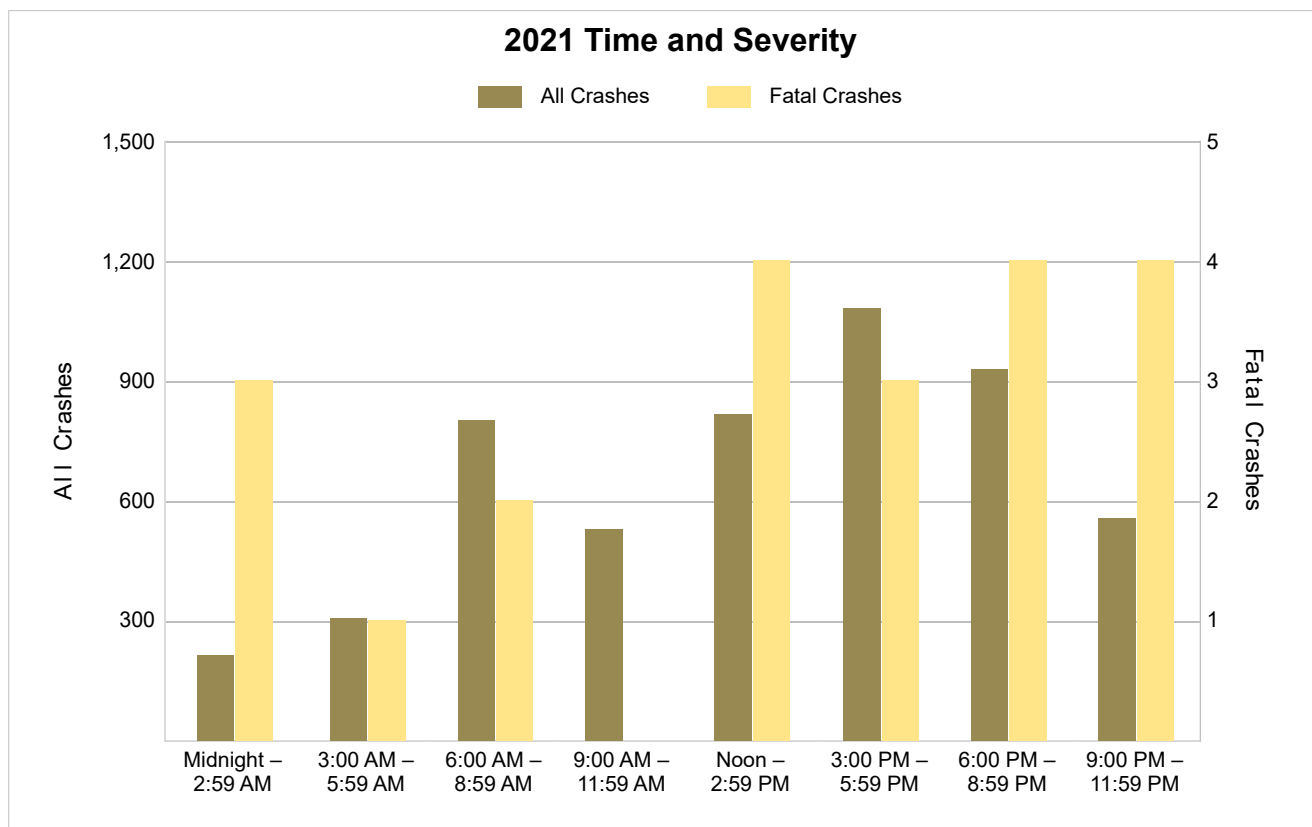
5-Year Trend - Crashes by Time of Day

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	268	1	252	1	234	2	248	1	213	3
3:00 AM – 5:59 AM	290	1	308	2	307	1	257	2	306	1
6:00 AM – 8:59 AM	825	0	921	3	944	2	599	2	801	2
9:00 AM – 11:59 AM	666	5	634	1	620	3	430	1	529	0
Noon – 2:59 PM	847	0	785	3	892	3	693	2	815	4
3:00 PM – 5:59 PM	1,179	3	985	4	1,075	2	876	2	1,080	3
6:00 PM – 8:59 PM	792	4	905	0	925	3	879	3	928	4
9:00 PM – 11:59 PM	511	2	541	1	519	0	470	1	555	4
Unknown	20	0	23	0	30	0	14	0	12	0
Total	5,398	16	5,354	15	5,546	16	4,466	14	5,239	21

5-Year Trend
Crashes by Time of Day5-Year Trend
Fatal Crashes by Time of Day

2021 - Time and Severity

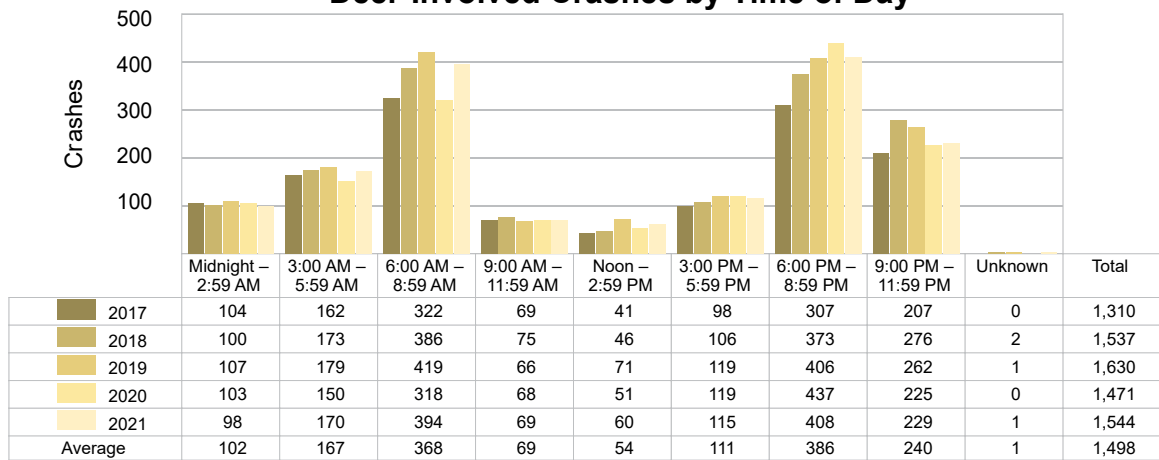
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	213	4.1	3	14.3	5	10	20	175
3:00 AM – 5:59 AM	306	5.8	1	4.8	1	9	30	265
6:00 AM – 8:59 AM	801	15.3	2	9.5	3	26	37	733
9:00 AM – 11:59 AM	529	10.1	0	0.0	9	20	41	459
Noon – 2:59 PM	815	15.6	4	19.0	10	39	97	665
3:00 PM – 5:59 PM	1,080	20.6	3	14.3	17	57	109	894
6:00 PM – 8:59 PM	928	17.7	4	19.0	13	27	68	816
9:00 PM – 11:59 PM	555	10.6	4	19.0	14	21	40	476
Unknown	12	0.2	0	0.0	0	0	2	10
Total	5,239	100.0	21	100.0	72	209	444	4,493



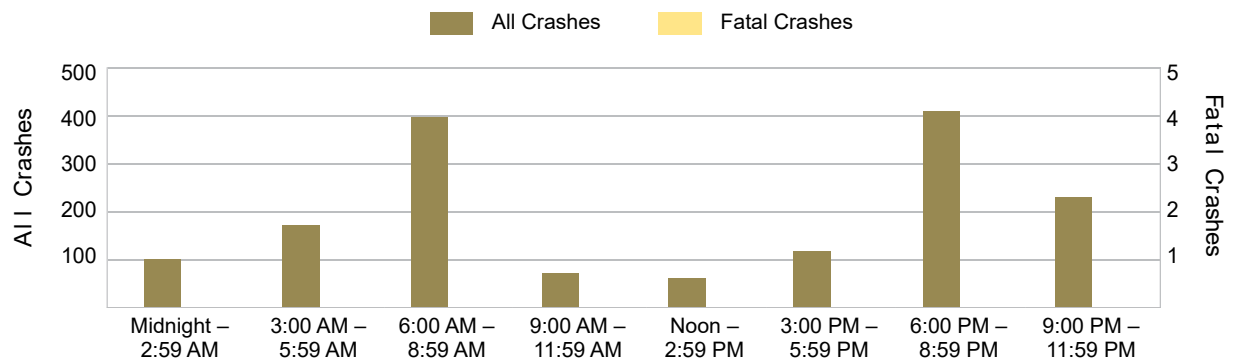
5-Year Trend - Deer-Involved Crashes by Time of Day

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	104	0	100	0	107	0	103	0	98	0
3:00 AM – 5:59 AM	162	0	173	0	179	0	150	0	170	0
6:00 AM – 8:59 AM	322	0	386	0	419	0	318	0	394	0
9:00 AM – 11:59 AM	69	0	75	0	66	0	68	1	69	0
Noon – 2:59 PM	41	0	46	1	71	0	51	0	60	0
3:00 PM – 5:59 PM	98	0	106	0	119	0	119	0	115	0
6:00 PM – 8:59 PM	307	0	373	0	406	0	437	0	408	0
9:00 PM – 11:59 PM	207	0	276	0	262	0	225	0	229	0
Unknown	0	0	2	0	1	0	0	0	1	0
Total	1,310	0	1,537	1	1,630	0	1,471	1	1,544	0

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



2021 Time and Severity of Deer-Involved Crashes

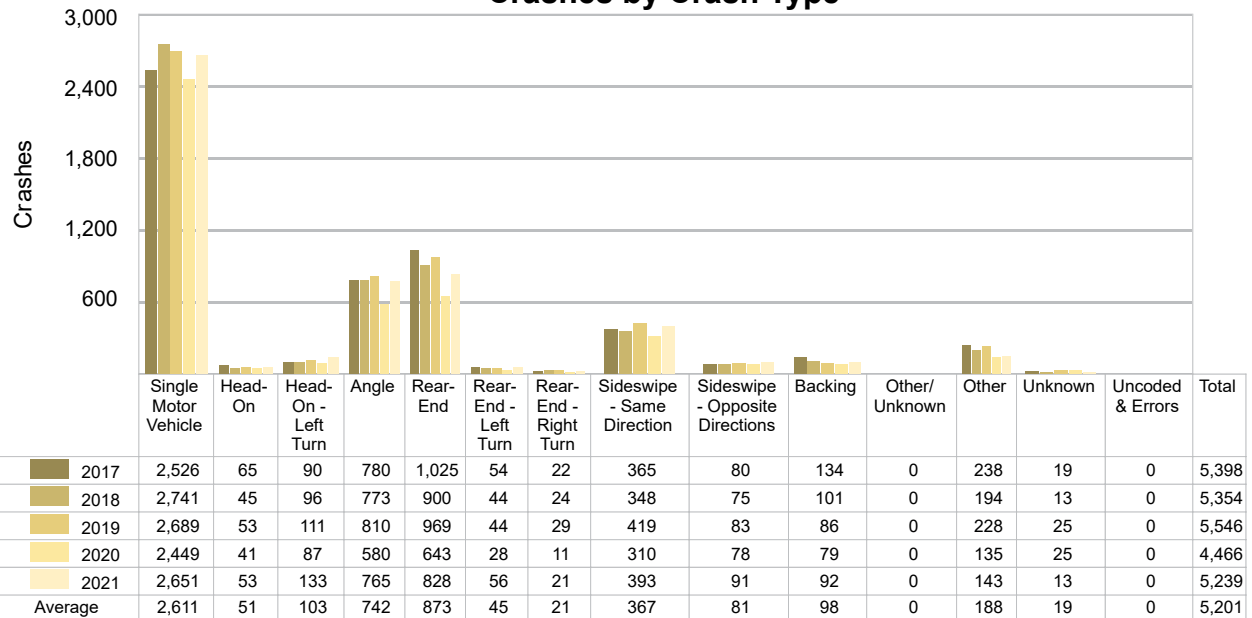


There were no fatal deer-involved crashes in Jackson County in 2021.

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	2,526	9	2,741	6	2,689	9	2,449	5	2,651	11
Head-On	65	4	45	1	53	0	41	1	53	5
Head-On - Left Turn	90	0	96	1	111	1	87	1	133	0
Angle	780	1	773	5	810	4	580	3	765	3
Rear-End	1,025	1	900	1	969	1	643	2	828	1
Rear-End - Left Turn	54	0	44	1	44	0	28	0	56	0
Rear-End - Right Turn	22	0	24	0	29	0	11	0	21	0
Sideswipe - Same Direction	365	0	348	0	419	0	310	1	393	0
Sideswipe - Opposite Directions	80	0	75	0	83	0	78	0	91	0
Backing	134	0	101	0	86	0	79	0	92	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	238	1	194	0	228	1	135	1	143	1
Unknown	19	0	13	0	25	0	25	0	13	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	5,398	16	5,354	15	5,546	16	4,466	14	5,239	21

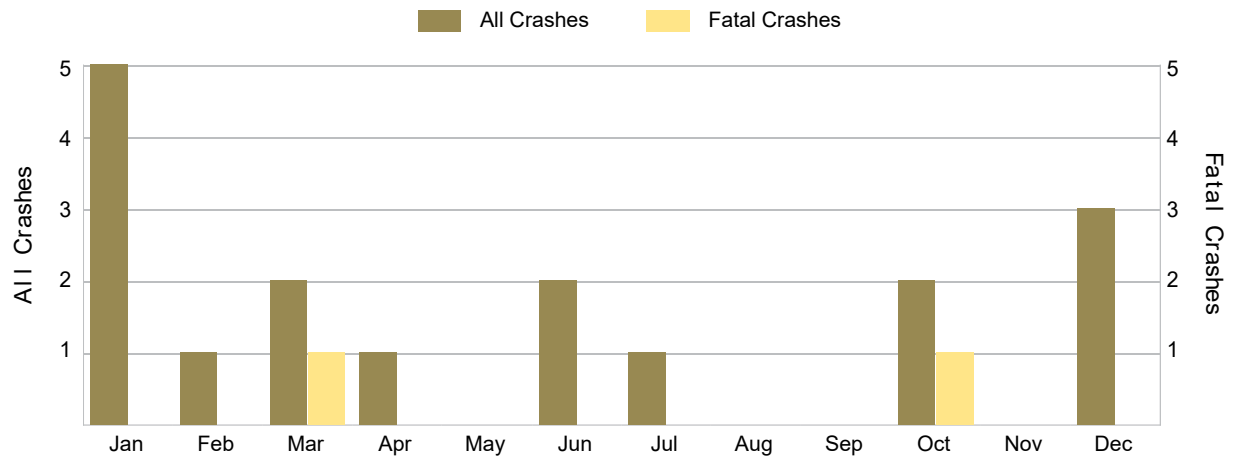
5-Year Trend Crashes by Crash Type



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	1	0	4	1	5	0
February	1	0	3	0	1	0	0	0	1	0
March	6	0	2	0	2	0	0	0	2	1
April	4	2	3	0	4	1	2	0	1	0
May	1	0	0	0	2	0	1	0	0	0
June	3	0	2	0	4	0	2	1	2	0
July	1	0	3	0	2	0	1	0	1	0
August	1	0	2	0	2	0	1	0	0	0
September	2	0	3	1	0	0	2	0	0	0
October	1	0	3	0	1	0	2	1	2	1
November	9	0	5	1	1	0	1	0	0	0
December	4	0	2	0	4	0	0	0	3	0
Total	36	2	29	2	24	1	16	3	17	2

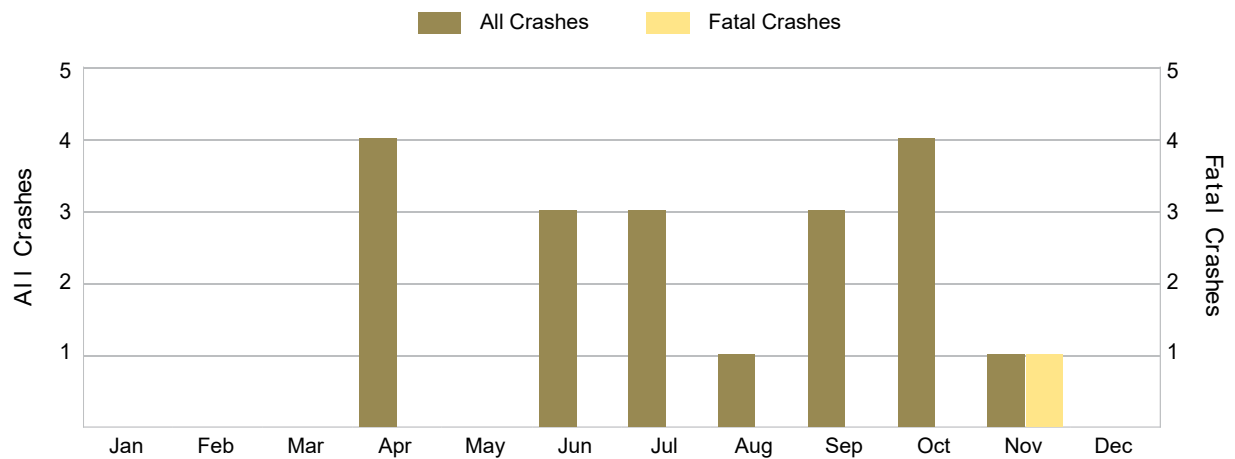
2021 Pedestrian-Involved Crashes by Month



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	2	0	0	0	0	0	1	0	0	0
March	0	0	1	0	0	0	1	0	0	0
April	2	0	0	0	1	0	2	0	4	0
May	3	1	1	0	0	0	2	0	0	0
June	1	0	0	0	8	0	0	0	3	0
July	1	0	3	0	1	0	2	0	3	0
August	3	0	5	0	1	0	4	1	1	0
September	2	0	3	0	4	0	1	0	3	0
October	3	0	1	0	1	0	2	0	4	0
November	1	0	2	0	1	0	0	0	1	1
December	0	0	1	0	0	0	0	0	0	0
Total	18	1	17	0	17	0	15	1	19	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
Blackman Twp.	1,028	4	122	902	230	63	165	569	22	5	152	3	2
Brooklyn	0	0	0	0	0	0	0	0	0	0	0	0	0
Cement City	0	0	0	0	0	0	0	0	0	0	0	0	0
Columbia Twp.	168	0	19	149	0	0	52	116	3	0	90	0	0
Concord	0	0	0	0	0	0	0	0	0	0	0	0	0
Concord Twp.	88	0	4	84	0	0	43	45	2	0	64	0	0
Grass Lake	0	0	0	0	0	0	0	0	0	0	0	0	0
Grass Lake Twp.	186	2	30	154	62	0	0	124	13	5	73	0	0
Hanover	0	0	0	0	0	0	0	0	0	0	0	0	0
Hanover Twp.	102	2	7	93	0	0	0	102	4	2	60	0	0
Henrietta Twp.	109	2	14	93	0	0	42	67	7	1	64	0	0
Jackson	1,116	2	183	931	165	2	261	686	58	15	18	8	10
Leoni Twp.	505	4	74	427	163	68	0	274	18	6	117	2	1
Liberty Twp.	156	0	21	135	0	51	0	105	8	0	92	1	0
Napoleon Twp.	155	0	22	133	0	1	79	75	4	2	81	0	1
Norvell Twp.	58	0	8	50	0	0	8	50	0	0	32	0	0
Parma	0	0	0	0	0	0	0	0	0	0	0	0	0
Parma Twp.	152	2	14	136	59	0	18	75	4	0	71	0	0
Pulaski Twp.	63	0	10	53	0	0	0	63	1	0	41	1	0
Rives Twp.	158	0	22	136	0	57	0	101	8	2	81	0	0
Sandstone Twp.	251	1	39	211	65	0	6	180	12	3	105	0	1
Spring Arbor Twp.	249	1	29	219	0	0	83	166	4	3	132	1	0
Springport	0	0	0	0	0	0	0	0	0	0	0	0	0
Springport Twp.	78	0	4	74	0	0	28	50	2	1	53	0	1
Summit Twp.	441	1	72	368	25	25	52	338	18	4	124	0	3
Tompkins Twp.	108	0	16	92	0	0	39	69	3	0	69	0	0
Waterloo Twp.	68	0	15	53	0	0	22	46	3	1	25	1	0
Total	5,239	21	725	4,493	769	267	898	3,301	194	50	1,544	17	19

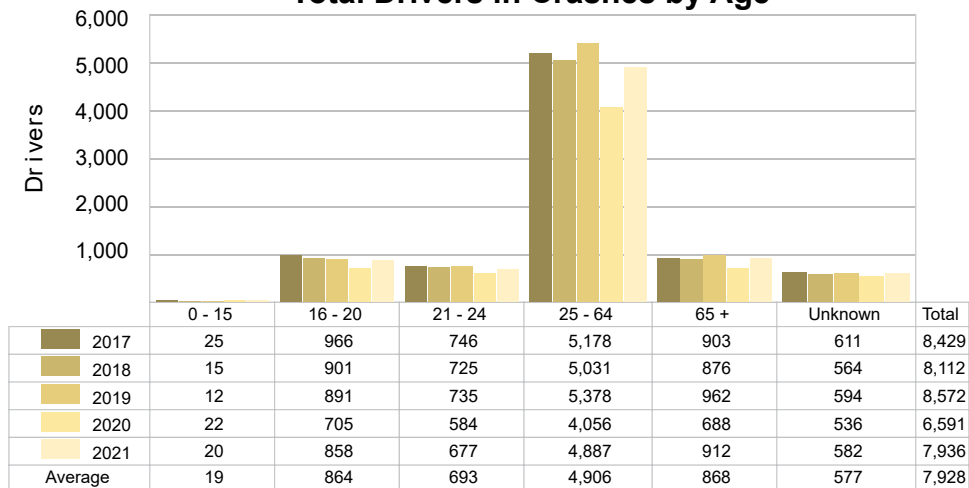
2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Blackman Twp.	4	15	98	191	1,762	108
Brooklyn	0	0	0	0	0	0
Cement City	0	0	0	0	0	0
Columbia Twp.	0	11	14	22	221	6
Concord	0	0	0	0	0	0
Concord Twp.	0	2	2	3	101	1
Grass Lake	0	0	0	0	0	0
Grass Lake Twp.	2	10	14	36	237	7
Hanover	0	0	0	0	0	0
Hanover Twp.	2	1	7	10	122	5
Henrietta Twp.	2	2	8	13	134	3
Jackson	2	32	91	322	1,769	335
Leoni Twp.	4	6	47	109	756	43
Liberty Twp.	0	5	16	27	198	5
Napoleon Twp.	0	5	13	24	189	4
Norvell Twp.	0	0	7	7	59	3
Parma	0	0	0	0	0	0
Parma Twp.	2	6	15	9	192	3
Pulaski Twp.	0	0	5	10	62	4
Rives Twp.	0	8	19	14	194	10
Sandstone Twp.	1	4	30	42	306	7
Spring Arbor Twp.	1	17	25	32	335	5
Springport	0	0	0	0	0	0
Springport Twp.	0	0	6	2	102	4
Summit Twp.	1	23	28	108	664	33
Tompkins Twp.	0	5	10	14	119	3
Waterloo Twp.	0	11	2	23	97	2
Total	21	163	457	1,018	7,619	591

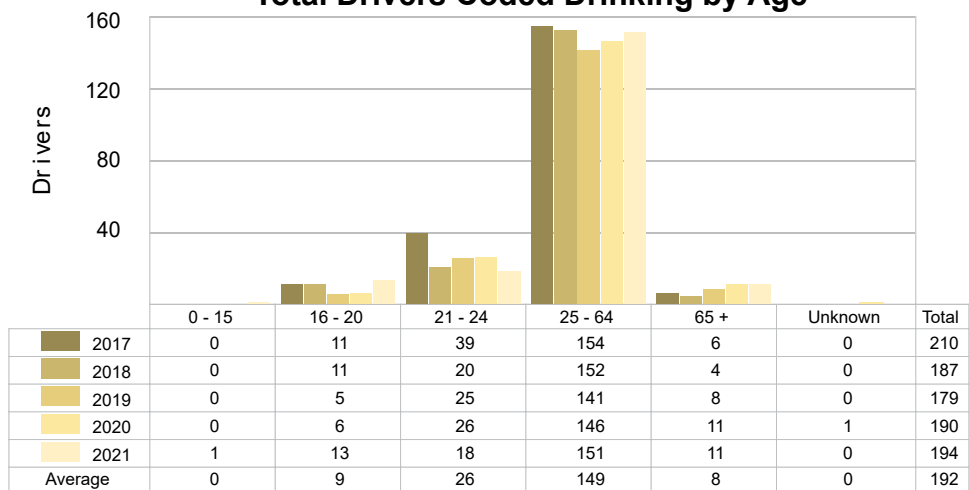
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	25	0	15	0	12	0	22	0	20	1
16 - 20	966	11	901	11	891	5	705	6	858	13
21 - 24	746	39	725	20	735	25	584	26	677	18
25 - 64	5,178	154	5,031	152	5,378	141	4,056	146	4,887	151
65 +	903	6	876	4	962	8	688	11	912	11
Unknown	611	0	564	0	594	0	536	1	582	0
Total	8,429	210	8,112	187	8,572	179	6,591	190	7,936	194

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	2	1	1	0	0	0	0	1
16 - 20	24	16	11	13	0	1	2	5	5
21 - 24	24	19	13	18	0	2	5	5	6
25 - 64	200	157	114	151	1	15	21	35	79
65 +	19	17	10	11	0	2	3	2	4
Unknown	19	0	0	0	0	0	0	0	0
Total	287	211	149	194	1	20	31	47	95

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).

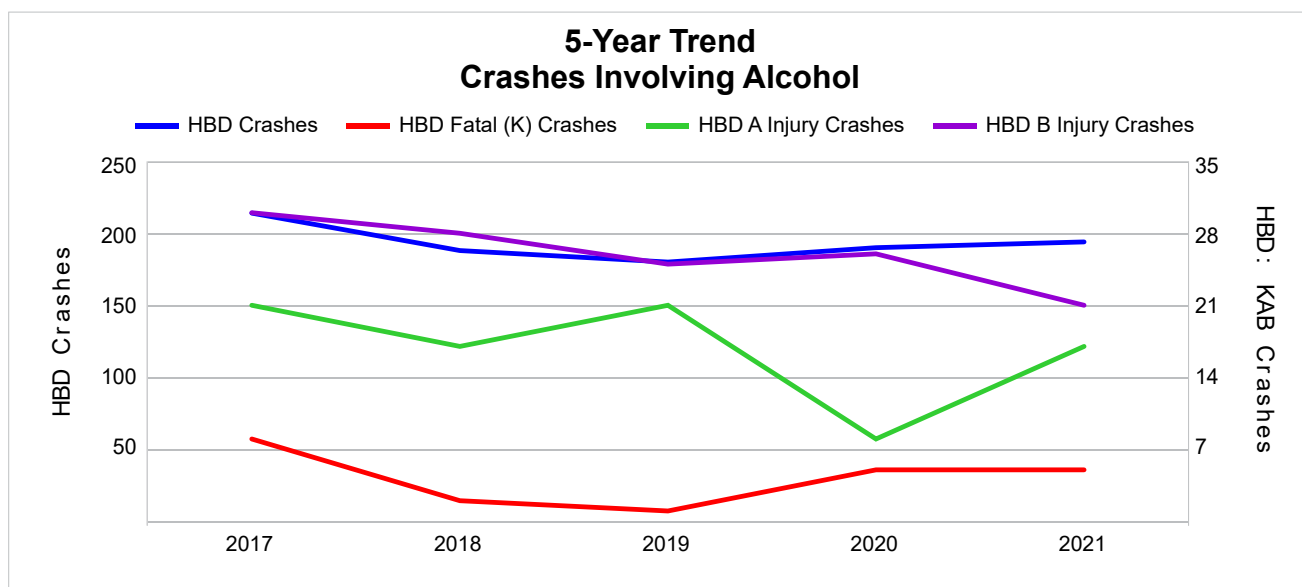
A driver may be coded by the officer as drinking even though no test is administered.

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	5,398	214	4.0	16	8	50.0	93	21	22.6	235	30	12.8
2018	5,354	188	3.5	15	2	13.3	92	17	18.5	232	28	12.1
2019	5,546	180	3.2	16	1	6.3	93	21	22.6	236	25	10.6
2020	4,466	190	4.3	14	5	35.7	61	8	13.1	193	26	13.5
2021	5,239	194	3.7	21 **	5	23.8	72	17	23.6 **	209	21 *	10.0 *

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.



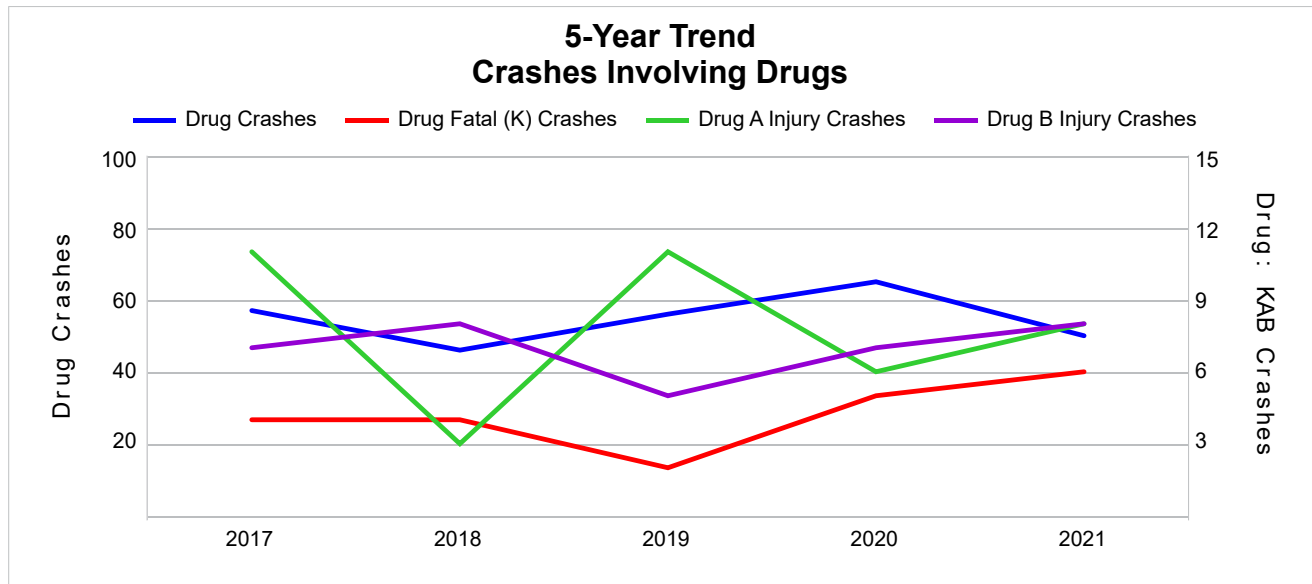
Note: Had-Been-Drinking (HBD)

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	5,398	57	1.1	16	4	25.0	93	11	11.8	235	7	3.0
2018	5,354	46	0.9	15	4	26.7	92	3	3.3	232	8	3.4
2019	5,546	56	1.0	16	2	12.5	93	11	11.8	236	5	2.1
2020	4,466	65	1.5	14	5	35.7	61	6	9.8	193	7	3.6
2021	5,239	50	1.0	21 **	6 **	28.6	72	8	11.1	209	8	3.8 **

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.

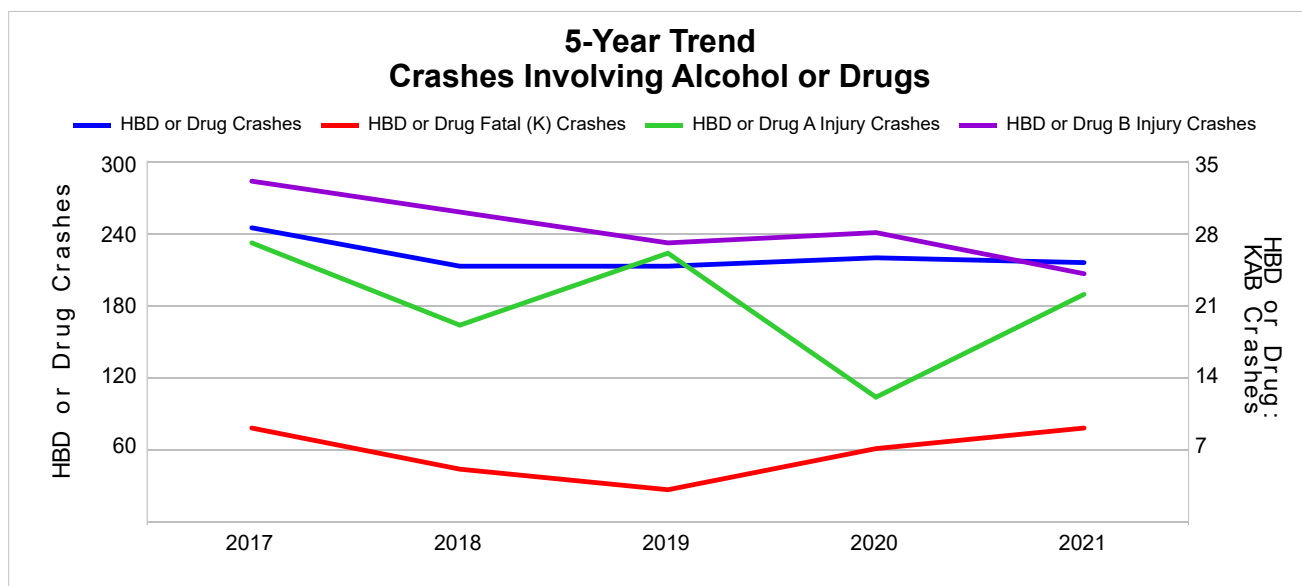


5-Year Trend - Crashes Involving Alcohol or Drugs

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	5,398	244	4.5	16	9	56.3	93	27	29.0	235	33	14.0
2018	5,354	212	4.0	15	5	33.3	92	19	20.7	232	30	12.9
2019	5,546	212	3.8	16	3	18.8	93	26	28.0	236	27	11.4
2020	4,466	219	4.9	14	7	50.0	61	12	19.7	193	28	14.5
2021	5,239	215	4.1	21 **	9	42.9	72	22	30.6 **	209	24 *	11.5

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.



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	6,230	5,711	91.7	15	11	73.3	54	40	74.1	179	155	86.6	508	474	93.3	5,224	5,031	96.3
Motor Home	11	10	90.9	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	10	10	100.0
Pickup Truck	1,212	1,099	90.7	1	1	100.0	9	7	77.8	38	34	89.5	68	59	86.8	1,034	998	96.5
Small Truck Under 10,000 lbs. GVWR	47	40	85.1	0	0	0.0	0	0	0.0	0	0	0.0	4	4	100.0	38	36	94.7
Motorcycle	72	39	54.2	2	2	100.0	18	6	33.3	19	12	63.2	13	8	61.5	19	11	57.9
Moped/Goped	13	6	46.2	0	0	0.0	2	0	0.0	5	4	80.0	3	1	33.3	3	1	33.3
Go-Cart/Golf Cart	3	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	2	0	0.0	0	0	0.0
Snowmobile	1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	3	2	66.7	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0	2	1	50.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	43	32	74.4	0	0	0.0	0	0	0.0	0	0	0.0	2	1	50.0	35	31	88.6
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	257	237	92.2	0	0	0.0	1	1	100.0	4	4	100.0	5	5	100.0	236	227	96.2
Uncoded & Errors	257	1	0.4	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	1	50.0
Total	8,149	7,177	88.1	18	14	77.8	86	55	64.0	245	209	85.3	605	552	91.2	6,604	6,347	96.1

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	80	68	85.0	1	0	0.0	4	4	100.0	12	10	83.3	48	39	81.3	15	15	100.0
16 - 20	882	833	94.4	1	1	100.0	6	5	83.3	32	27	84.4	76	65	85.5	766	735	96.0
21 - 24	695	647	93.1	1	0	0.0	9	6	66.7	31	23	74.2	50	45	90.0	603	573	95.0
25 - 64	4,976	4,732	95.1	11	9	81.8	52	28	53.8	130	112	86.2	355	332	93.5	4,421	4,251	96.2
65 +	934	897	96.0	4	4	100.0	15	12	80.0	40	37	92.5	76	71	93.4	799	773	96.7
Unknown	582	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	8,149	7,177	88.1	18	14	77.8	86	55	64.0	245	209	85.3	605	552	91.2	6,604	6,347	96.1

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	26	0	4	31	1	7	29	0	2	17	0	2	27	0	5
Shoulder Belt Only Used	69	0	14	61	0	7	48	0	6	34	0	2	33	0	5
Lap Belt Only Used	45	0	3	32	0	5	42	0	6	35	0	4	18	0	0
Both Lap & Shoulder Belt Used	7,233	4	686	6,887	5	672	7,462	5	678	5,647	5	488	6,902	11	604
No Belts Used	61	5	17	67	2	21	47	2	21	46	1	21	52	3	23
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	4	0	2	1	0	1	5	0	1	0	0	0	2	0	0
Restraint Use Unknown	487	1	44	548	1	56	458	0	34	398	1	35	493	0	32
Helmet Worn	39	2	28	44	1	29	37	1	28	42	0	33	45	2	31
Helmet Not Worn	24	1	19	23	1	18	25	3	17	32	2	23	30	0	22
Helmet Use Unknown	5	0	5	3	0	2	5	1	1	2	0	2	7	0	3
Uncoded & Errors	436	0	0	415	0	0	414	0	0	338	0	0	327	0	0
Total	8,429	13	822	8,112	11	818	8,572	12	794	6,591	9	610	7,936	16	725

5-Year Trend - Restraint Use Among Drivers Coded Drinking

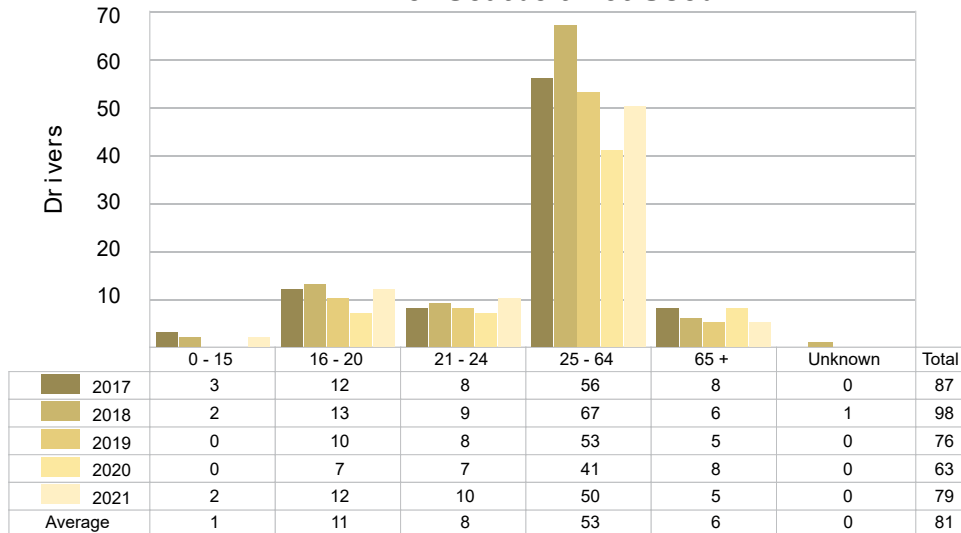
Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	1	0	0	1	0	1	1	0	0	0	0	0	2	0	1
Shoulder Belt Only Used	1	0	1	0	0	0	2	0	0	0	0	0	1	0	0
Lap Belt Only Used	1	0	1	1	0	0	1	0	1	0	0	0	0	0	0
Both Lap & Shoulder Belt Used	147	2	51	121	0	46	122	0	37	139	1	39	133	0	43
No Belts Used	12	3	6	5	0	5	10	0	10	5	1	3	8	1	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	1	0	1	0	0	0	0	0	0	0	0	0
Restraint Use Unknown	40	1	15	51	1	19	36	0	14	41	0	16	44	0	11
Helmet Worn	3	1	2	1	0	0	2	0	0	1	0	1	1	1	0
Helmet Not Worn	4	0	4	5	0	5	5	1	3	3	1	0	5	0	4
Helmet Use Unknown	1	0	1	1	0	0	0	0	0	1	0	1	0	0	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	210	7	81	187	1	77	179	1	65	190	3	60	194	2	65

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	3	0	1	2	0	0	0	0	0	0	0	0	2	0	2
16 - 20	12	0	2	13	0	3	10	1	1	7	0	3	12	0	6
21 - 24	8	0	2	9	0	3	8	0	3	7	0	4	10	1	4
25 - 64	56	5	14	67	2	20	53	1	17	41	1	14	50	2	13
65 +	8	0	2	6	1	2	5	0	2	8	0	2	5	0	3
Unknown	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Total	87	5	21	98	3	28	76	2	23	63	1	23	79	3	28

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

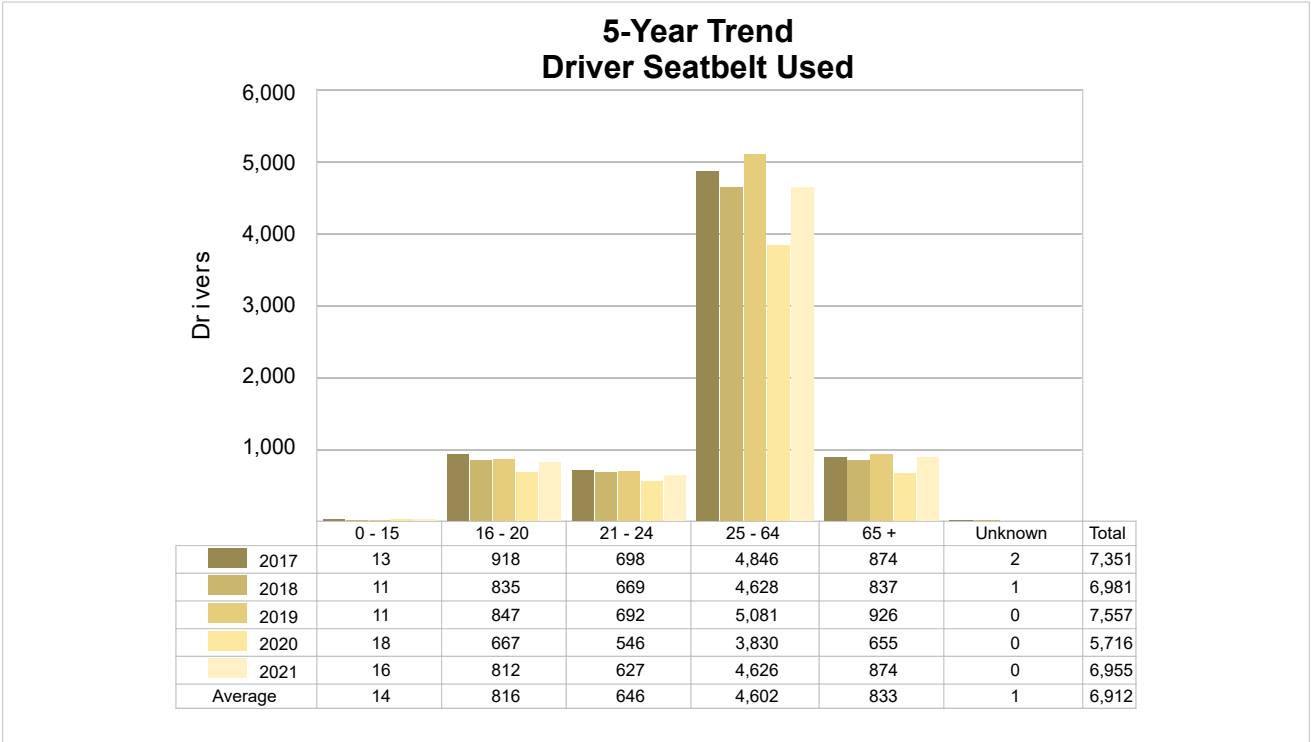
5-Year Trend Driver Seatbelt Not Used



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	13	0	1	11	0	1	11	0	2	18	0	2	16	0	1
16 - 20	918	0	103	835	1	100	847	0	86	667	0	66	812	1	77
21 - 24	698	0	70	669	1	64	692	0	50	546	0	43	627	0	55
25 - 64	4,846	4	428	4,628	0	415	5,081	2	454	3,830	5	312	4,626	6	377
65 +	874	0	103	837	3	104	926	3	99	655	0	71	874	4	99
Unknown	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Total	7,351	4	705	6,981	5	685	7,557	5	691	5,716	5	494	6,955	11	609

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	4,331	9	4,376	12	4,623	8	3,545	13	4,301	13
Speed Too Fast	510	3	479	2	459	3	359	1	449	2
Speed Too Slow	7	0	2	0	2	0	5	0	10	0
Failed to Yield	691	1	676	2	774	5	551	3	696	2
Disregard Traffic Control	145	1	135	2	148	0	117	2	159	0
Drove Wrong Way	5	2	1	0	3	0	4	0	4	1
Drove Left of Center	39	2	48	1	46	1	45	1	48	2
Improper Passing	40	1	41	0	49	0	29	0	43	1
Improper Lane Use	174	0	150	0	177	0	130	0	168	0
Improper Turn	35	0	48	0	40	0	35	0	63	0
Improper/No Signal	2	0	6	0	5	0	3	0	0	0
Improper Backing	170	0	113	0	119	0	84	0	104	0
Unable to Stop in Assured Clear Distance	1,003	0	847	1	941	1	587	1	794	1
Other	284	1	235	1	229	2	230	0	215	3
Unknown	237	2	233	3	247	4	277	2	327	5
Reckless Driving	50	1	54	0	47	0	47	0	43	3
Careless/Negligent Driving	163	0	155	1	157	1	154	0	177	0
Uncoded & Errors	543	0	513	0	506	0	389	0	335	0
Total	8,429	23	8,112	25	8,572	25	6,591	23	7,936	33

Office of Highway Safety Planning

Physical Address:
7150 Harris Drive
Dimondale, Michigan 48821

Mailing Address:
P.O. Box 30634
Lansing, Michigan 48909

Find us on the web:
MichiganTrafficCrashFacts.org
mtcf-info@umich.edu

