



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

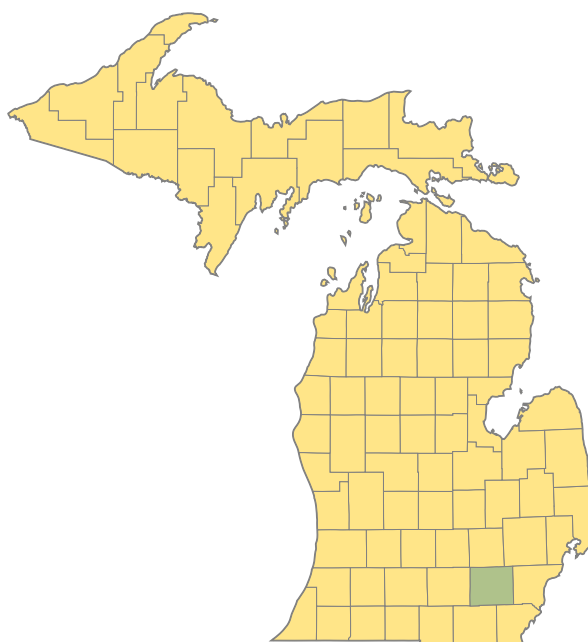
O = No Injury

Property Damage Only (PDO)



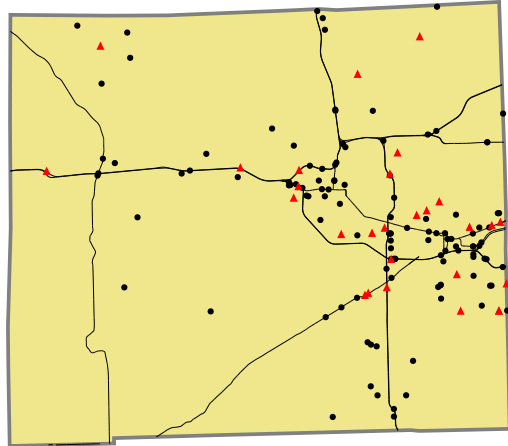
Washtenaw County

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 (28/28)
 ● A - Suspected Serious (118/118)

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	610	4	98	508	4	126
February	658	2	94	562	2	120
March	453	1	73	379	1	91
April	526	1	103	422	1	137
May	626	3	118	505	4	159
June	727	1	136	590	1	200
July	663	2	158	503	2	224
August	791	2	150	639	3	215
September	856	2	182	672	2	254
October	959	6	173	780	6	219
November	999	3	132	864	3	174
December	796	1	102	693	1	146
Total	8,664	28	1,519	7,117	30	2,065

2021 - Driver Statistics

Age Group	Washtenaw County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	59,640	1,725	26	4.4	150.7
16 - 20	38,670	15,585	1,655	428.0	1,061.9
21 - 24	36,184	17,309	1,700	469.8	982.1
25 - 64	179,738	166,917	8,763	487.5	525.0
65 +	53,369	52,726	1,556	291.6	295.1
Unknown	0	0	1,303	--	--
Total	367,601	254,262	15,003	408.1	590.1

*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	12,715	84.7	30	61.2	2,366	10,319
Motor Home	16	0.1	0	0.0	0	16
Pickup Truck	1,252	8.3	8	16.3	230	1,014
Small Truck Under 10,000 lbs. GVWR	65	0.4	0	0.0	9	56
Motorcycle	84	0.6	4	8.2	55	25
Moped/Goped	6	0.0	0	0.0	5	1
Go-Cart/Golf Cart	2	0.0	0	0.0	2	0
Snowmobile	1	0.0	0	0.0	1	0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	2	0.0	0	0.0	1	1
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	42	0.3	1	2.0	3	38
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	579	3.9	6	12.2	90	483
Uncoded & Errors	239	1.6	0	0.0	24	215
Total	15,003	100.0	49	100.0	2,786	12,168

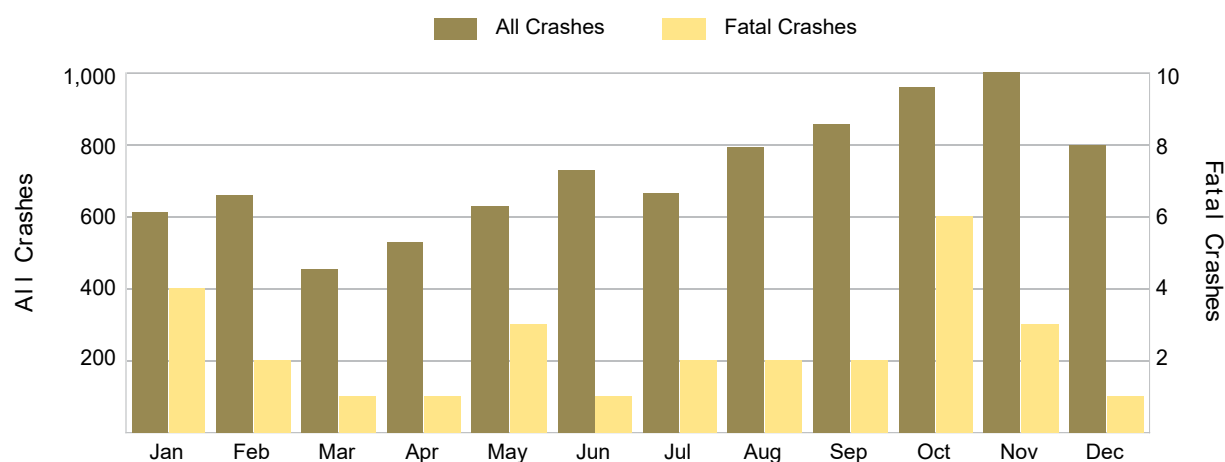
5-Year Trend - Crashes by Month

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	1,032	3	1,138	3	1,078	2	979	1	610	4
February	785	1	972	3	910	0	906	2	658	2
March	990	2	904	2	857	1	444	2	453	1
April	757	2	824	3	808	4	220	0	526	1
May	876	4	867	1	847	1	362	3	626	3
June	873	3	826	2	919	4	573	2	727	1
July	786	7	765	2	893	0	574	2	663	2
August	794	4	812	2	858	3	582	2	791	2
September	879	2	893	4	877	0	567	1	856	2
October	1,132	4	1,030	1	1,170	1	681	3	959	6
November	1,184	3	1,079	0	1,200	5	707	3	999	3
December	1,243	2	896	2	936	3	569	2	796	1
Total	11,331	37	11,006	25	11,353	24	7,164	23	8,664	28

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	1,715	6	1,580	0	1,877	5	976	4	1,284	5
Tuesday	1,768	6	1,857	6	1,771	2	1,028	2	1,403	6
Wednesday	1,773	10	1,666	4	1,850	5	1,269	4	1,238	3
Thursday	1,828	3	1,845	1	1,758	1	1,088	0	1,253	2
Friday	1,931	6	1,837	5	1,860	1	1,182	3	1,478	4
Saturday	1,287	2	1,283	4	1,236	7	861	6	1,159	5
Sunday	1,029	4	938	5	1,001	3	760	4	849	3
Total	11,331	37	11,006	25	11,353	24	7,164	23	8,664	28

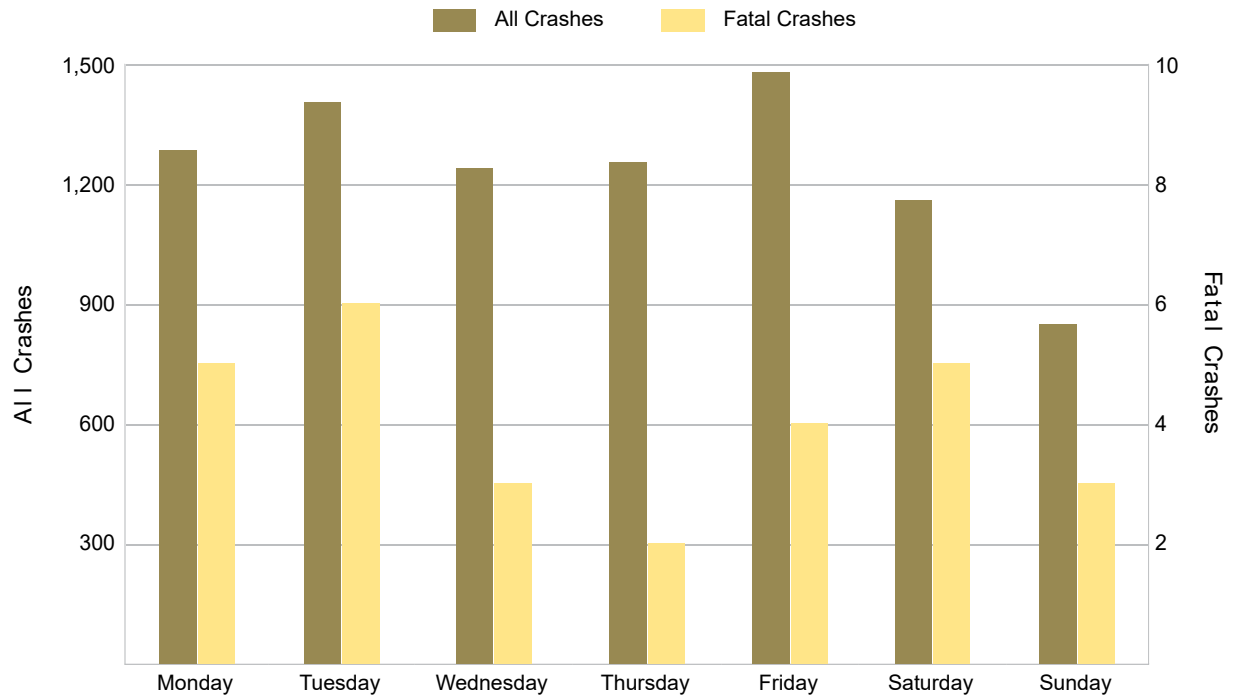
2021 Crashes by Month



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	1,284	14.8	5	17.9	14	86	112	1,067
Tuesday	1,403	16.2	6	21.4	17	98	114	1,168
Wednesday	1,238	14.3	3	10.7	14	105	124	992
Thursday	1,253	14.5	2	7.1	14	87	107	1,043
Friday	1,478	17.1	4	14.3	25	99	136	1,214
Saturday	1,159	13.4	5	17.9	19	95	97	943
Sunday	849	9.8	3	10.7	15	69	72	690
Total	8,664	100.0	28	100.0	118	639	762	7,117

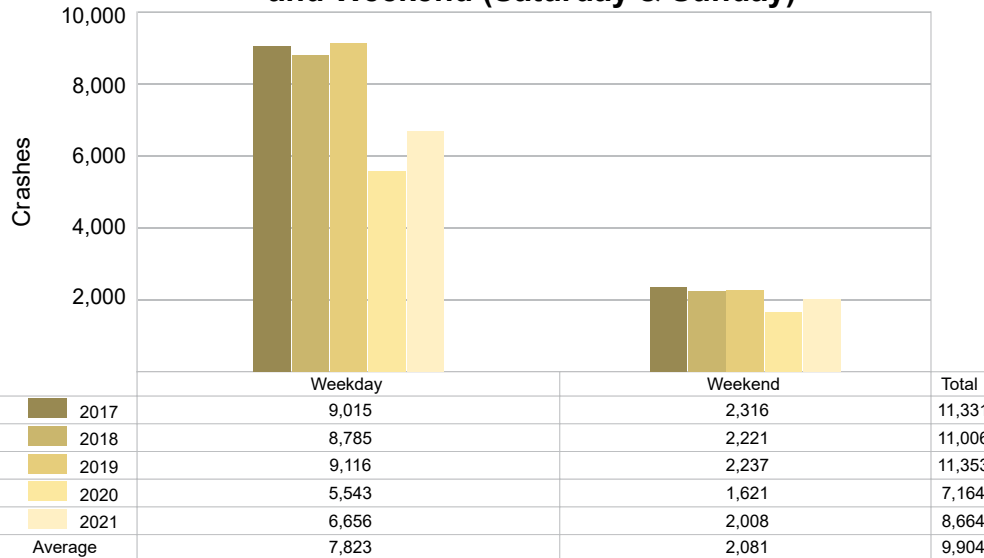
2021 Day of Week and Severity



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	9,015	31	8,785	16	9,116	14	5,543	13	6,656	20
Weekend	2,316	6	2,221	9	2,237	10	1,621	10	2,008	8
Total	11,331	37	11,006	25	11,353	24	7,164	23	8,664	28

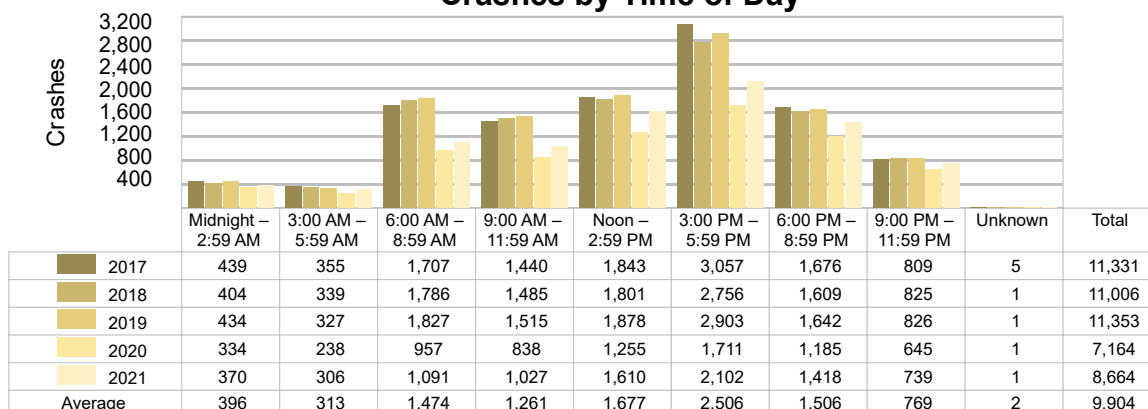
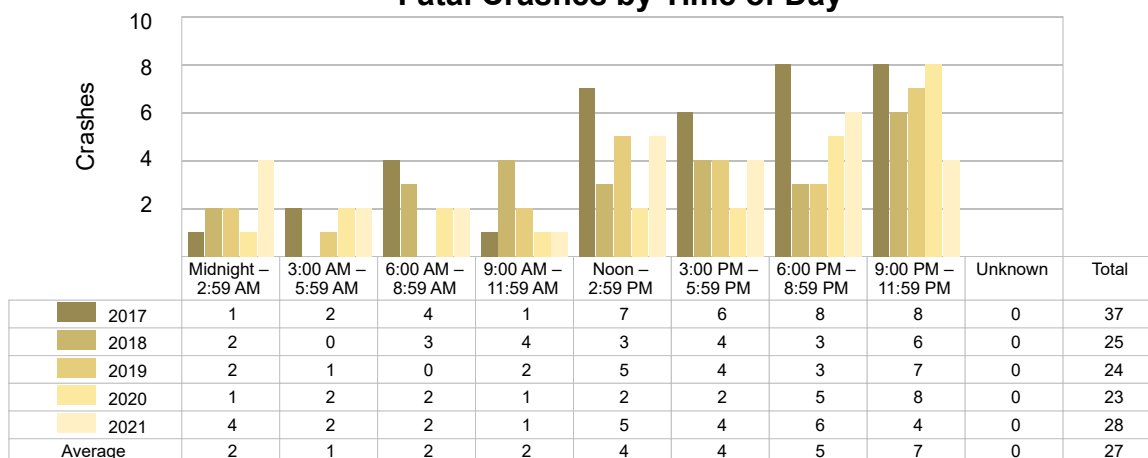
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

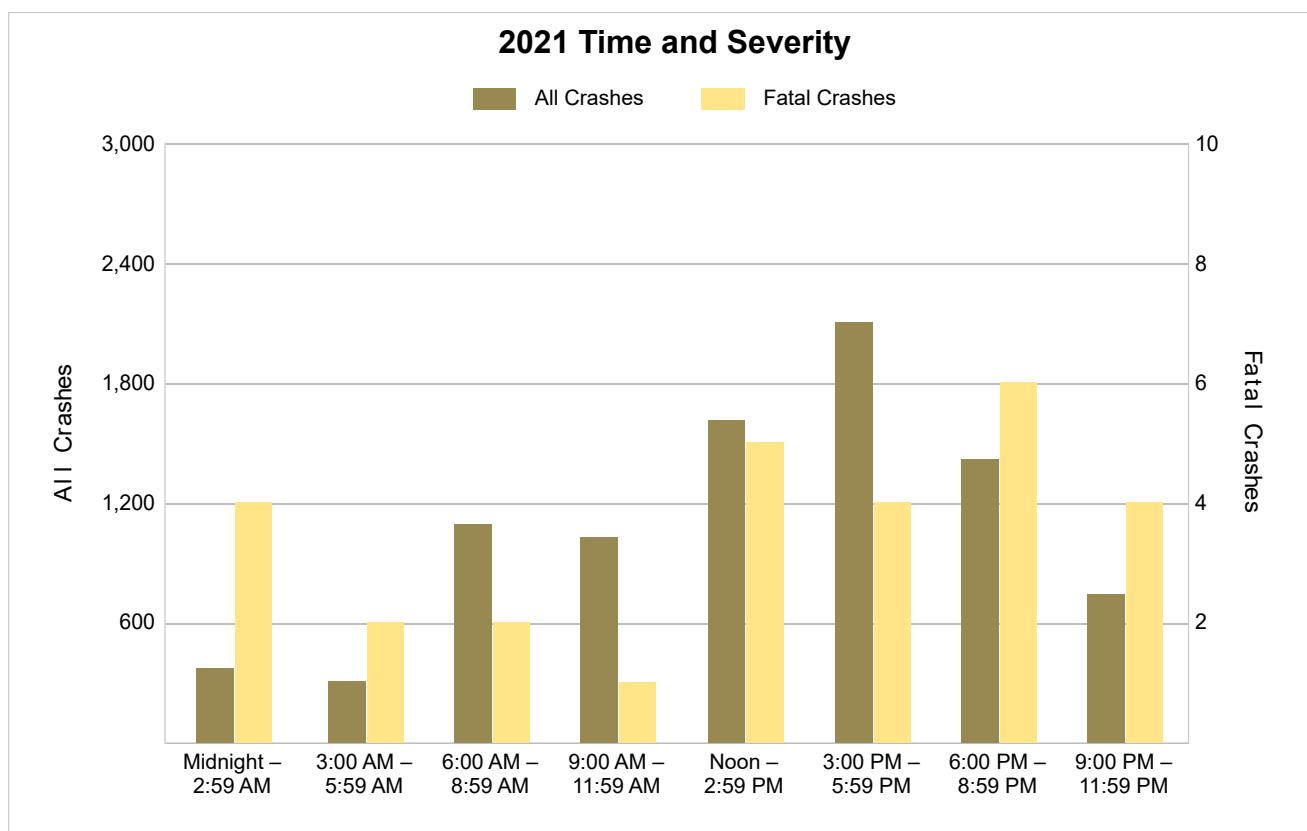
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	439	1	404	2	434	2	334	1	370	4
3:00 AM – 5:59 AM	355	2	339	0	327	1	238	2	306	2
6:00 AM – 8:59 AM	1,707	4	1,786	3	1,827	0	957	2	1,091	2
9:00 AM – 11:59 AM	1,440	1	1,485	4	1,515	2	838	1	1,027	1
Noon – 2:59 PM	1,843	7	1,801	3	1,878	5	1,255	2	1,610	5
3:00 PM – 5:59 PM	3,057 †	6	2,756 †	4	2,903 †	4	1,711 †	2	2,102 †	4
6:00 PM – 8:59 PM	1,676	8	1,609	3	1,642	3	1,185	5	1,418	6
9:00 PM – 11:59 PM	809	8	825	6	826	7	645	8	739	4
Unknown	5	0	1	0	1	0	1	0	1	0
Total	11,331	37	11,006	25	11,353	24	7,164	23	8,664	28

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 Day5-Year Trend
Fatal Crashes by Time of Day

2021 - Time and Severity

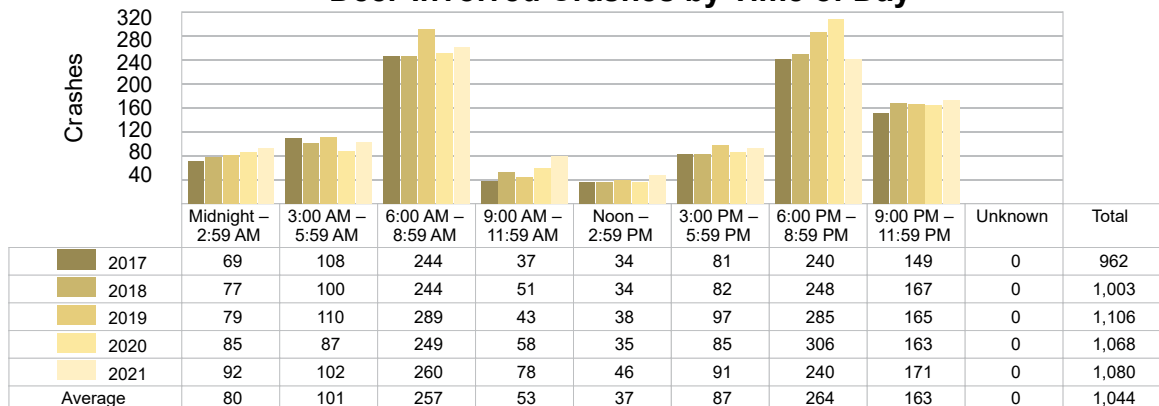
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	370	4.3	4	14.3	5	33	25	303
3:00 AM – 5:59 AM	306	3.5	2	7.1	1	15	19	269
6:00 AM – 8:59 AM	1,091	12.6	2	7.1	8	61	90	930
9:00 AM – 11:59 AM	1,027	11.9	1	3.6	10	71	99	846
Noon – 2:59 PM	1,610	18.6	5	17.9	22	127	145	1,311
3:00 PM – 5:59 PM	2,102	24.3	4	14.3	37	155	182	1,724
6:00 PM – 8:59 PM	1,418	16.4	6	21.4	17	123	136	1,136
9:00 PM – 11:59 PM	739	8.5	4	14.3	18	54	66	597
Unknown	1	0.0	0	0.0	0	0	0	1
Total	8,664	100.0	28	100.0	118	639	762	7,117



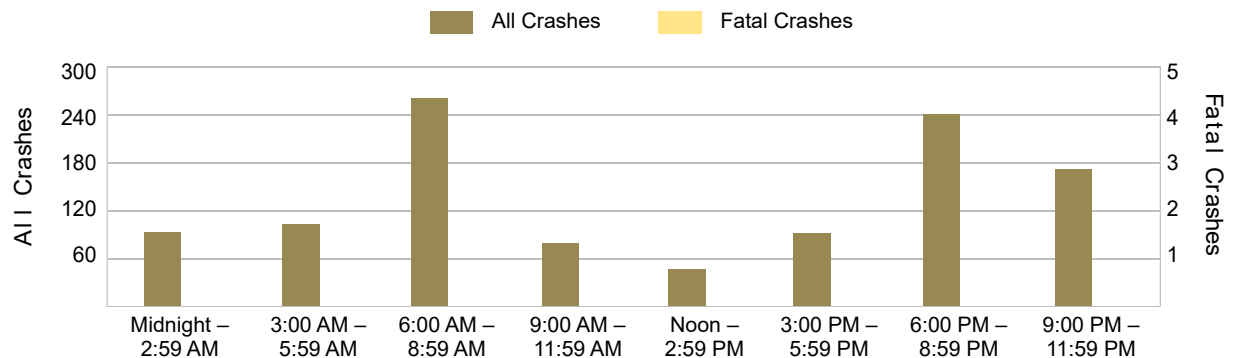
5-Year Trend - Deer-Involved Crashes by Time of Day

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	69	0	77	0	79	0	85	0	92	0
3:00 AM – 5:59 AM	108	1	100	0	110	0	87	0	102	0
6:00 AM – 8:59 AM	244	0	244	0	289	0	249	0	260	0
9:00 AM – 11:59 AM	37	0	51	0	43	0	58	0	78	0
Noon – 2:59 PM	34	0	34	0	38	0	35	0	46	0
3:00 PM – 5:59 PM	81	0	82	0	97	0	85	0	91	0
6:00 PM – 8:59 PM	240	0	248	0	285	0	306	0	240	0
9:00 PM – 11:59 PM	149	0	167	0	165	0	163	0	171	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	962	1	1,003	0	1,106	0	1,068	0	1,080	0

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



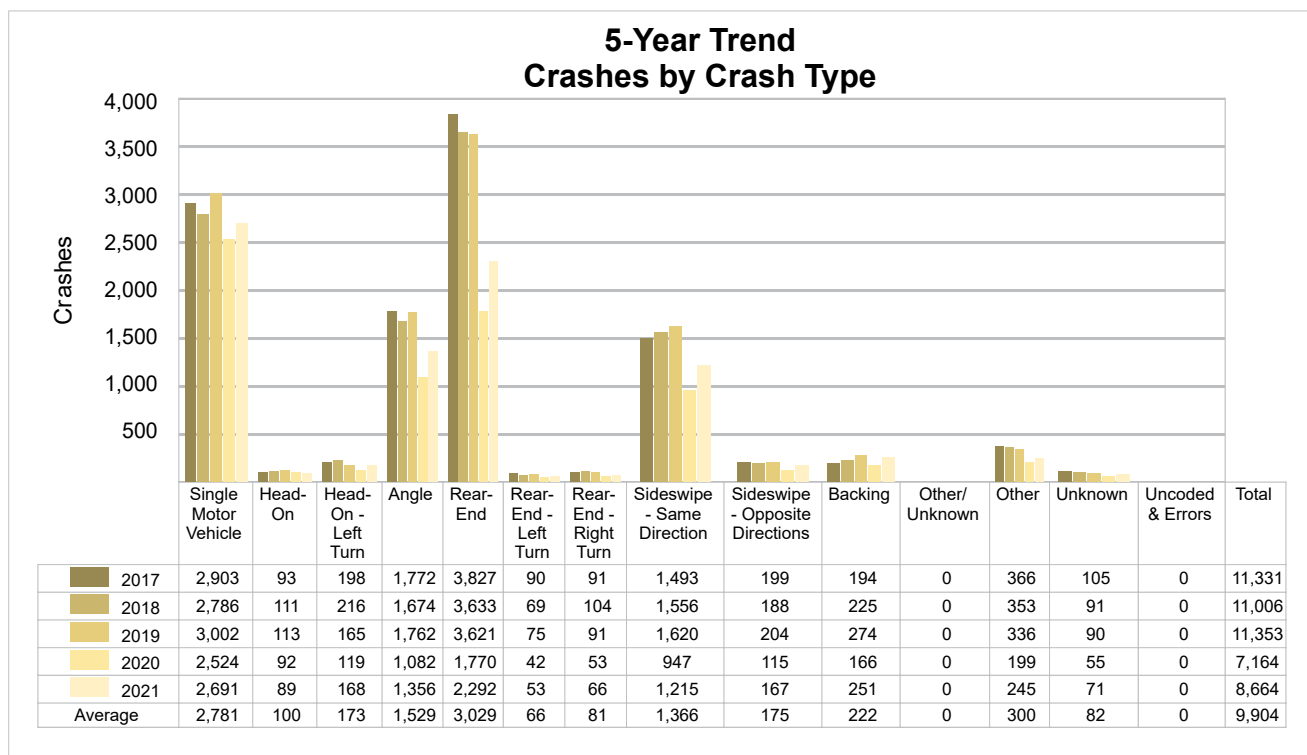
2021 Time and Severity of Deer-Involved Crashes



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

5-Year Trend - Crashes by Crash Type

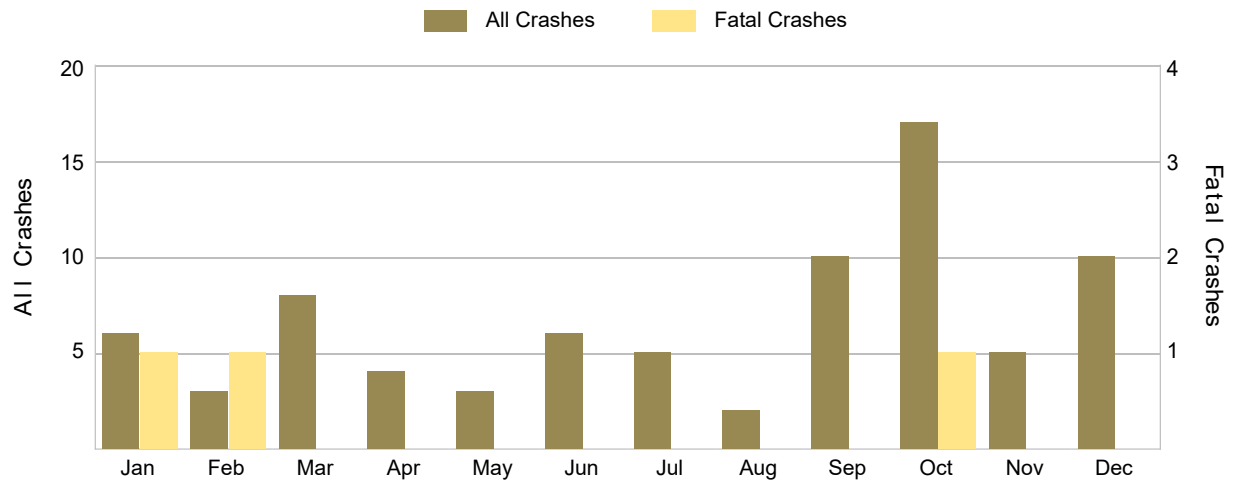
Crash Type	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single Motor Vehicle	2,903	21	2,786	9	3,002	9	2,524	12	2,691	13
Head-On	93	5	111	6	113	6	92	4	89	4
Head-On - Left Turn	198	0	216	0	165	1	119	0	168	1
Angle	1,772	5	1,674	2	1,762	1	1,082	2	1,356	5
Rear-End	3,827	4	3,633	3	3,621	3	1,770	2	2,292	3
Rear-End - Left Turn	90	0	69	0	75	0	42	0	53	0
Rear-End - Right Turn	91	0	104	0	91	0	53	0	66	0
Sideswipe - Same Direction	1,493	2	1,556	0	1,620	1	947	1	1,215	1
Sideswipe - Opposite Directions	199	0	188	1	204	0	115	0	167	0
Backing	194	0	225	0	274	0	166	0	251	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	366	0	353	4	336	3	199	2	245	1
Unknown	105	0	91	0	90	0	55	0	71	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	11,331	37	11,006	25	11,353	24	7,164	23	8,664	28



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	12	1	6	0	15	0	13	0	6	1
February	11	1	7	0	14	0	10	1	3	1
March	5	1	13	1	11	0	9	1	8	0
April	4	0	9	1	6	1	2	0	4	0
May	8	1	3	1	2	0	3	1	3	0
June	6	0	13	0	4	0	4	0	6	0
July	3	0	9	0	8	0	6	1	5	0
August	4	1	10	0	6	1	4	0	2	0
September	10	0	9	0	13	0	3	0	10	0
October	18	1	12	0	13	0	3	0	17	1
November	18	0	10	0	11	0	7	2	5	0
December	8	0	10	0	11	0	3	0	10	0
Total	107	6	111	3	114	2	67	6	79	3

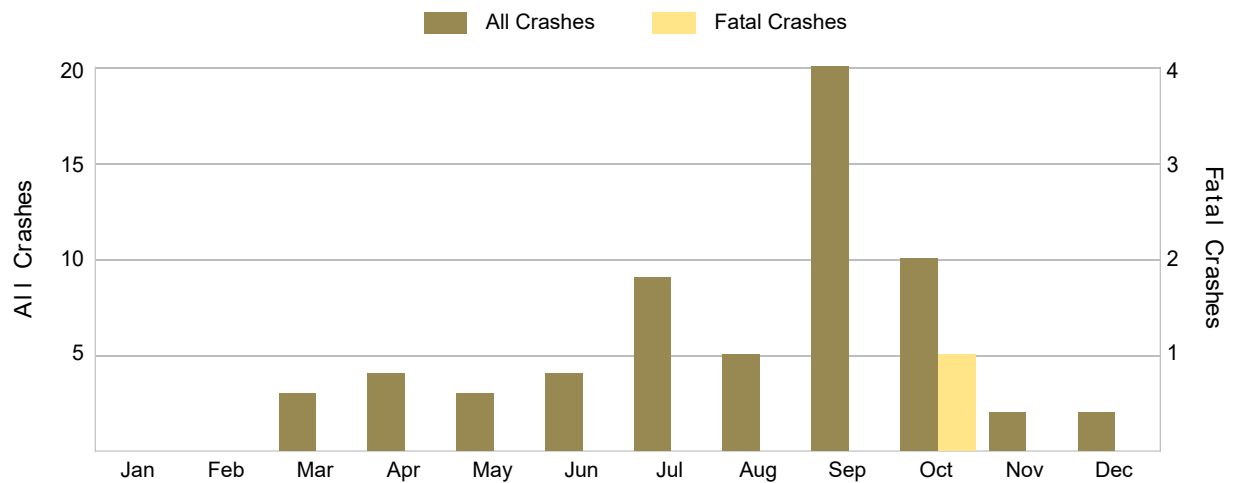
2021 Pedestrian-Involved Crashes by Month



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	5	1	3	0	5	0	2	0	0	0
February	7	0	2	0	0	0	2	0	0	0
March	3	0	5	0	1	0	2	1	3	0
April	5	0	8	1	6	0	2	0	4	0
May	8	0	7	0	7	0	1	0	3	0
June	9	0	10	1	12	0	7	0	4	0
July	8	0	9	0	10	0	9	0	9	0
August	6	0	6	0	8	0	12	1	5	0
September	15	0	15	0	21	0	7	0	20	0
October	12	0	6	0	12	0	6	0	10	1
November	7	0	5	0	2	0	4	0	2	0
December	3	0	1	0	3	0	5	0	2	0
Total	88	1	77	2	87	0	59	2	62	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
Ann Arbor	2,404	5	399	2,000	522	165	64	1,645	64	20	74	41	41
Ann Arbor Twp.	464	2	90	372	1	260	38	160	12	3	81	1	1
Augusta Twp.	72	0	16	56	0	0	0	71	6	4	16	0	0
Barton Hills	0	0	0	0	0	0	0	0	0	0	0	0	0
Bridgewater Twp.	49	0	3	46	0	19	0	30	1	1	33	0	0
Chelsea	144	0	29	115	11	0	86	47	2	0	19	1	1
Dexter	70	0	10	60	0	0	0	69	0	0	6	1	0
Dexter Twp.	84	0	13	71	0	0	0	83	1	1	32	0	0
Freedom Twp.	26	0	2	24	0	0	0	26	1	0	17	0	0
Lima Twp.	219	0	34	185	143	0	0	75	10	5	44	0	0
Lodi Twp.	100	0	13	87	0	0	0	100	1	0	34	0	0
Lyndon Twp.	60	1	5	54	0	0	13	47	4	1	25	0	0
Manchester	0	0	0	0	0	0	0	0	0	0	0	0	0
Manchester Twp.	76	0	8	68	0	3	20	53	0	1	37	0	0
Milan	44	0	3	41	0	5	0	39	2	1	0	0	0
Northfield Twp.	203	1	26	176	0	81	0	119	10	5	66	1	0
Pittsfield Twp.	1,076	4	207	865	96	306	108	561	33	15	59	2	5
Salem Twp.	150	1	34	115	0	0	38	110	8	1	52	2	1
Saline	155	0	30	125	0	92	0	63	3	4	15	2	0
Saline Twp.	57	0	8	49	0	32	0	25	1	0	25	0	0
Scio Twp.	506	2	73	431	125	0	15	365	13	3	103	5	0
Sharon Twp.	49	0	11	38	0	0	24	25	2	1	28	0	0
Superior Twp.	330	2	57	271	0	0	116	213	5	4	106	0	1
Sylvan Twp.	199	1	27	171	94	0	32	72	6	2	59	2	1
Webster Twp.	108	0	10	98	0	0	0	105	1	1	62	0	0
York Twp.	219	0	44	175	0	68	0	149	10	5	43	0	1
Ypsilanti	674	1	127	546	41	189	177	265	34	21	11	12	7
Ypsilanti Twp.	1,126	8	240	878	144	138	90	749	61	30	33	9	3
Total	8,664	28	1,519	7,117	1,177	1,358	821	5,266	291	129	1,080	79	62

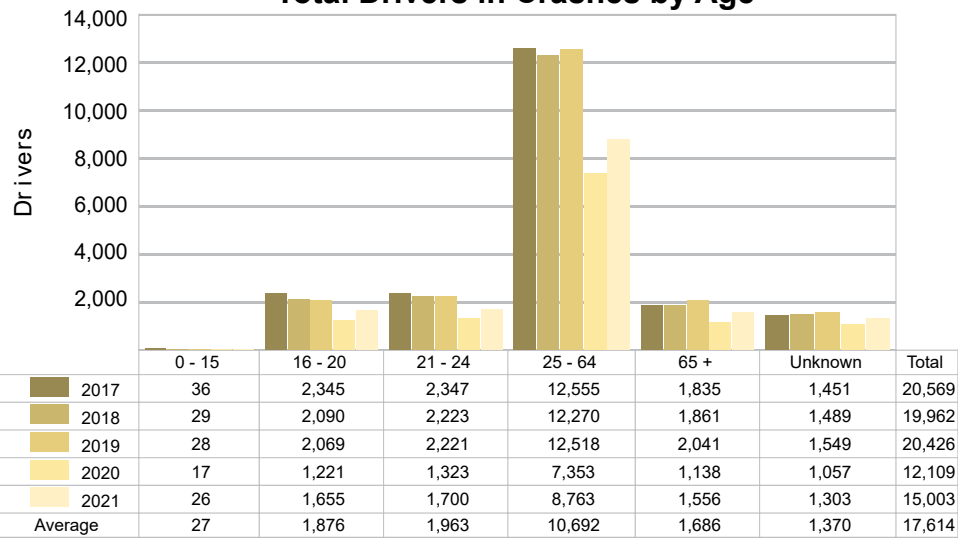
2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Ann Arbor	5	56	388	606	4,699	470
Ann Arbor Twp.	3	11	85	106	728	30
Augusta Twp.	0	1	21	21	105	6
Barton Hills	0	0	0	0	0	0
Bridgewater Twp.	0	0	2	2	54	0
Chelsea	0	11	25	57	275	17
Dexter	0	0	13	9	131	15
Dexter Twp.	0	3	14	9	124	7
Freedom Twp.	0	1	4	0	27	1
Lima Twp.	0	6	25	50	362	10
Lodi Twp.	0	1	9	16	143	8
Lyndon Twp.	1	2	0	7	71	2
Manchester	0	0	0	0	0	0
Manchester Twp.	0	0	5	8	101	4
Milan	0	1	2	4	74	19
Northfield Twp.	1	17	18	20	280	21
Pittsfield Twp.	4	52	214	296	1,889	101
Salem Twp.	1	1	29	39	199	9
Saline	0	2	37	41	273	25
Saline Twp.	0	0	6	12	74	4
Scio Twp.	2	15	82	90	828	42
Sharon Twp.	0	0	4	12	51	1
Superior Twp.	3	13	82	37	443	38
Sylvan Twp.	1	2	16	37	277	10
Webster Twp.	0	0	11	8	143	7
York Twp.	0	16	19	51	313	13
Ypsilanti	1	23	191	114	1,189	195
Ypsilanti Twp.	8	66	288	240	1,887	303
Total	30	300	1,590	1,892	14,740	1,358

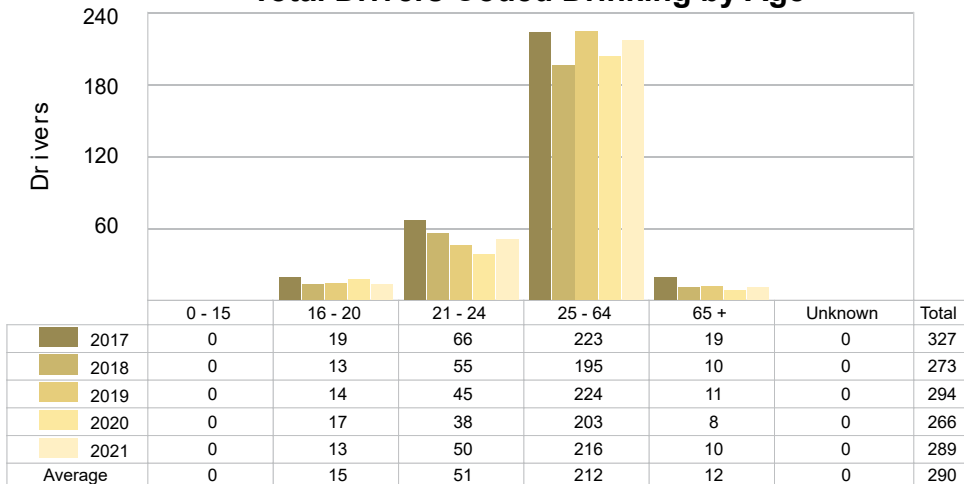
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	36	0	29	0	28	0	17	0	26	0
16 - 20	2,345	19	2,090	13	2,069	14	1,221	17	1,655	13
21 - 24	2,347	66	2,223	55	2,221	45	1,323	38	1,700	50
25 - 64	12,555	223	12,270	195	12,518	224	7,353	203	8,763	216
65 +	1,835	19	1,861	10	2,041	11	1,138	8	1,556	10
Unknown	1,451	0	1,489	0	1,549	0	1,057	0	1,303	0
Total	20,569	327	19,962	273	20,426	294	12,109	266	15,003	289

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	23	19	11	13	0	3	4	1	5
21 - 24	74	57	48	50	0	13	7	8	22
25 - 64	311	248	187	216	0	11	42	42	121
65 +	16	12	10	10	0	1	2	1	6
Unknown	32	0	0	0	0	0	0	0	0
Total	456	336	256	289	0	28	55	52	154

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).

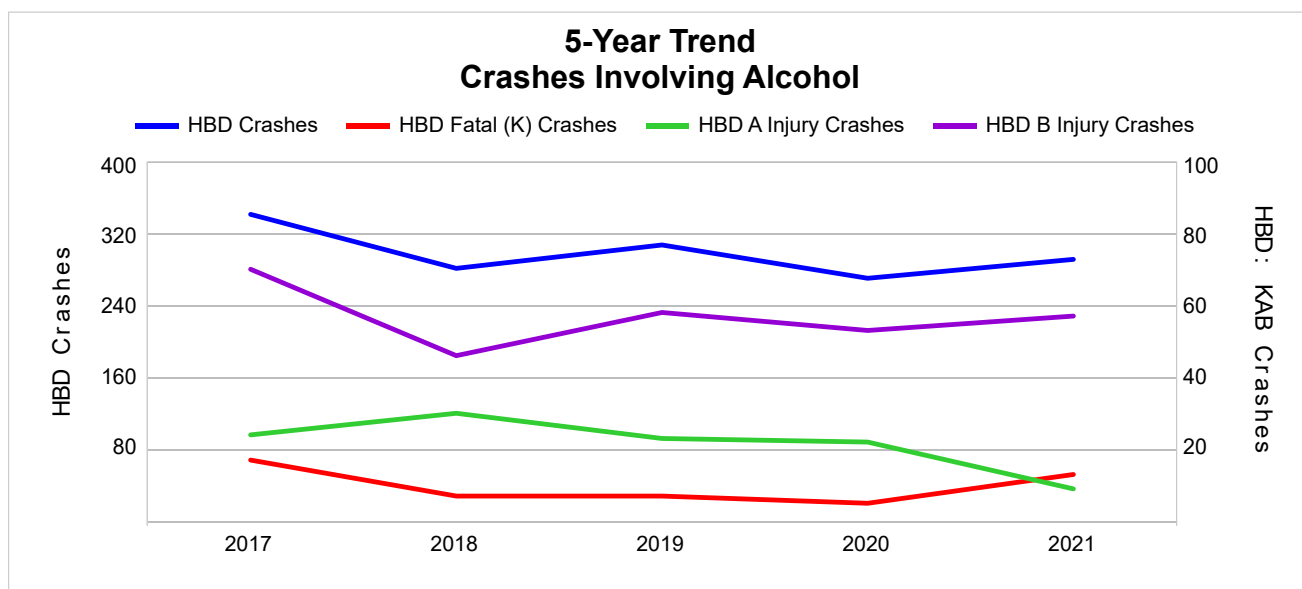
A driver may be coded by the officer as drinking even though no test is administered.

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	11,331	341	3.0	37	17	45.9	147	24	16.3	705	70	9.9
2018	11,006	281	2.6	25	7	28.0	139	30	21.6	625	46	7.4
2019	11,353	307	2.7	24	7	29.2	131	23	17.6	710	58	8.2
2020	7,164	270	3.8	23	5	21.7	118	22	18.6	463	53	11.4
2021	8,664	291	3.4	28	13	46.4 **	118	9 *	7.6 *	639	57	8.9

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.



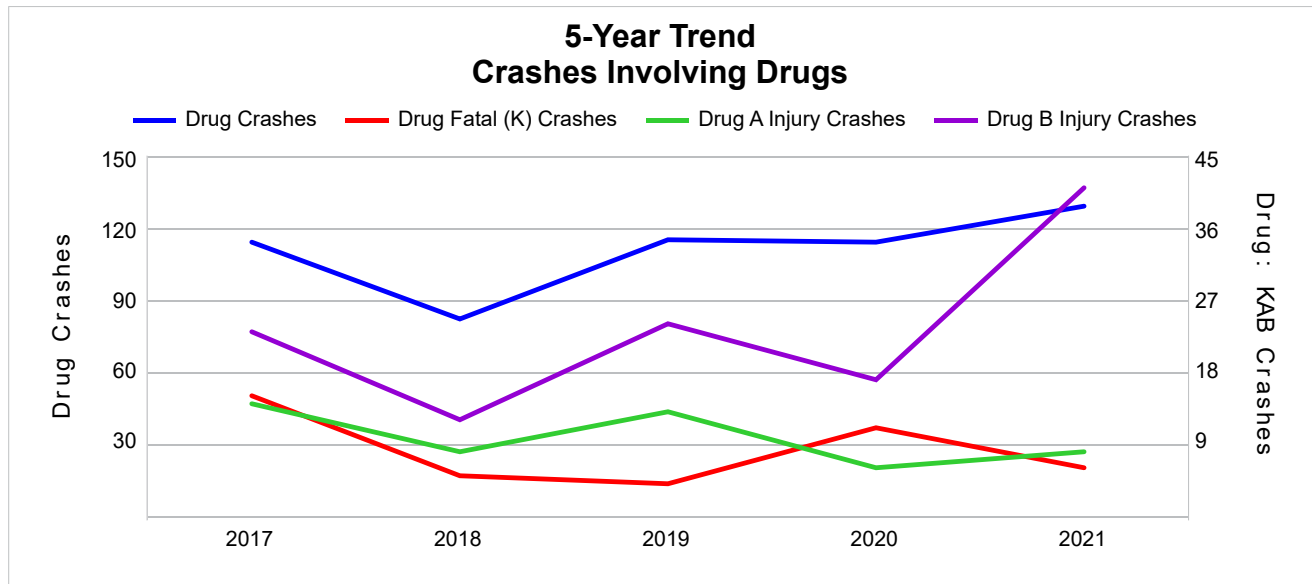
Note: Had-Been-Drinking (HBD)

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	11,331	114	1.0	37	15	40.5	147	14	9.5	705	23	3.3
2018	11,006	82	0.7	25	5	20.0	139	8	5.8	625	12	1.9
2019	11,353	115	1.0	24	4	16.7	131	13	9.9	710	24	3.4
2020	7,164	114	1.6	23	11	47.8	118	6	5.1	463	17	3.7
2021	8,664	129**	1.5	28	6	21.4	118	8	6.8	639	41**	6.4**

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.

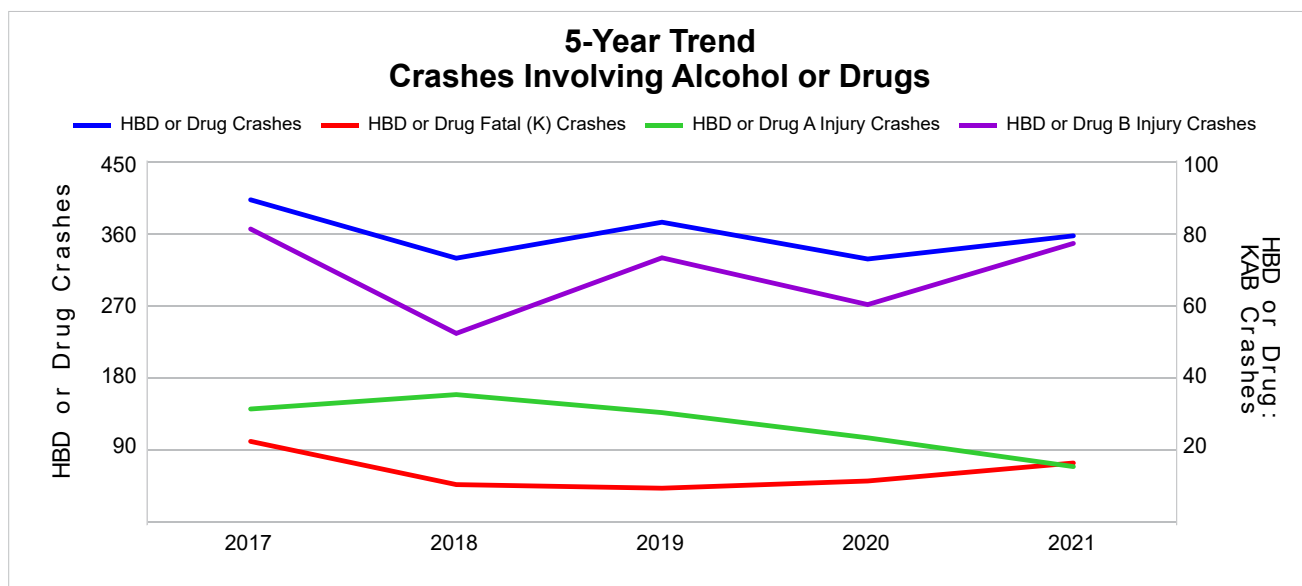


5-Year Trend - Crashes Involving Alcohol or Drugs

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	11,331	401	3.5	37	22	59.5	147	31	21.1	705	81	11.5
2018	11,006	328	3.0	25	10	40.0	139	35	25.2	625	52	8.3
2019	11,353	373	3.3	24	9	37.5	131	30	22.9	710	73	10.3
2020	7,164	327	4.6	23	11	47.8	118	23	19.5	463	60	13.0
2021	8,664	356	4.1	28	16	57.1	118	15 *	12.7 *	639	77	12.1

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)

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	13,102	11,826	90.3	12	11	91.7	95	77	81.1	648	599	92.4	969	911	94.0	10,430	10,228	98.1
Motor Home	16	14	87.5	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	14	14	100.0
Pickup Truck	1,270	1,115	87.8	7	2	28.6	8	6	75.0	41	36	87.8	76	72	94.7	1,031	999	96.9
Small Truck Under 10,000 lbs. GVWR	66	56	84.8	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	57	55	96.5
Motorcycle	89	63	70.8	4	3	75.0	16	8	50.0	33	27	81.8	10	9	90.0	23	16	69.6
Moped/Goped	6	1	16.7	0	0	0.0	0	0	0.0	2	0	0.0	3	1	33.3	1	0	0.0
Go-Cart/Golf Cart	5	0	0.0	0	0	0.0	0	0	0.0	4	0	0.0	1	0	0.0	0	0	0.0
Snowmobile	1	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	2	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	43	34	79.1	1	0	0.0	0	0	0.0	0	0	0.0	4	4	100.0	32	30	93.8
Truck/Bus (over 10,000 lbs. GVWR/ 8+ occupants/ hazmat placard)	586	527	89.9	2	0	0.0	1	0	0.0	10	9	90.0	19	16	84.2	524	502	95.8
Uncoded & Errors	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	15,425	13,636	88.4	26	16	61.5	122	91	74.6	739	672	90.9	1,082	1,013	93.6	12,113	11,844	97.8

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	131	108	82.4	0	0	0.0	4	2	50.0	23	16	69.6	80	70	87.5	24	20	83.3
16 - 20	1,720	1,667	96.9	7	4	57.1	14	10	71.4	97	88	90.7	122	112	91.8	1,478	1,453	98.3
21 - 24	1,735	1,690	97.4	0	0	0.0	13	9	69.2	102	96	94.1	115	106	92.2	1,503	1,479	98.4
25 - 64	8,928	8,606	96.4	16	10	62.5	77	57	74.0	405	366	90.4	636	598	94.0	7,759	7,575	97.6
65 +	1,608	1,564	97.3	3	2	66.7	14	13	92.9	111	105	94.6	129	127	98.4	1,347	1,317	97.8
Unknown	1,303	1	0.1	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	2	0	0.0
Total	15,425	13,636	88.4	26	16	61.5	122	91	74.6	739	672	90.9	1,082	1,013	93.6	12,113	11,844	97.8

Note: Restraint Use includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, child restraint used, restraint failure, and helmet worn.

5-Year Trend - Restraint Use Among Drivers

Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	11	0	1	11	0	2	14	0	2	17	0	5	17	1	4
Shoulder Belt Only Used	16	0	2	12	0	2	13	0	1	10	0	1	18	0	1
Lap Belt Only Used	9	0	2	12	0	2	12	0	0	9	0	2	7	0	1
Both Lap & Shoulder Belt Used	18,520	14	1,771	17,935	10	1,722	18,251	10	1,636	10,635	5	1,075	13,191	9	1,377
No Belts Used	91	7	41	60	5	23	82	3	34	61	5	25	67	6	33
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	1	1	0	0	1	0	1	0	0	0	0	0	0
Restraint Use Unknown	1,299	2	45	1,278	1	52	1,340	1	42	890	2	36	1,187	1	49
Helmet Worn	77	2	59	61	2	44	70	4	48	66	1	52	60	3	41
Helmet Not Worn	24	2	15	22	1	16	45	1	33	27	1	23	26	1	18
Helmet Use Unknown	4	0	2	4	0	4	3	0	2	2	0	1	3	0	2
Uncoded & Errors	517	0	0	566	0	0	595	0	0	392	0	0	427	0	0
Total	20,569	27	1,939	19,962	19	1,867	20,426	19	1,799	12,109	14	1,220	15,003	21	1,526

5-Year Trend - Restraint Use Among Drivers Coded Drinking

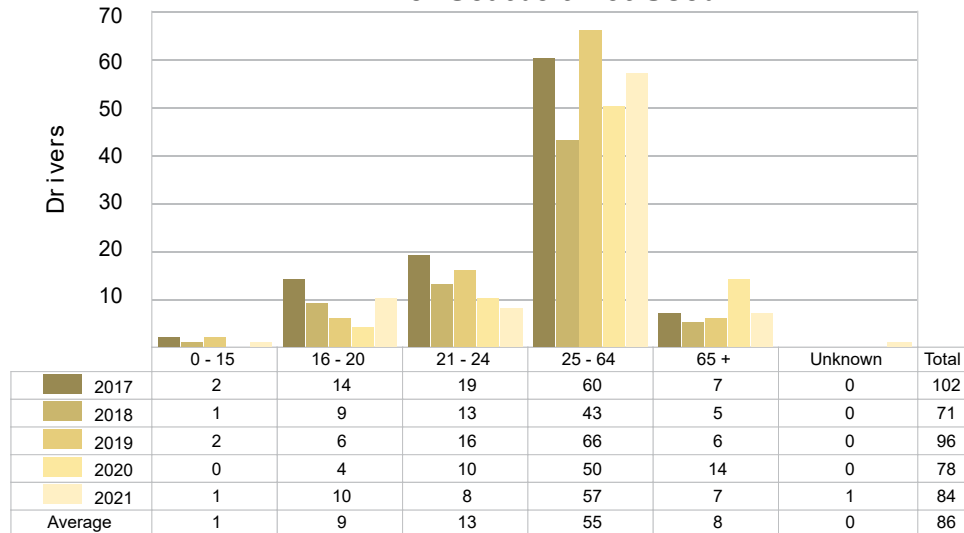
Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Shoulder Belt Only Used	0	0	0	1	0	1	0	0	0	0	0	0	1	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	254	3	92	228	2	77	245	2	74	216	1	80	229	3	78
No Belts Used	20	3	11	10	1	4	17	1	9	7	0	7	11	3	5
Child Restraint Used - Forward Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Not Used, Unavailable or Improper Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Rear Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Booster Seat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Failure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Use Unknown	49	1	18	31	0	15	26	0	17	37	1	12	43	0	12
Helmet Worn	1	0	1	2	0	2	2	1	1	2	0	2	4	1	2
Helmet Not Worn	3	0	3	1	1	0	4	0	4	4	0	4	0	0	0
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	327	7	125	273	4	99	294	4	105	266	2	105	289	8	97

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	2	0	0	1	0	0	2	0	0	0	0	0	1	0	1
16 - 20	14	0	9	9	0	4	6	0	4	4	0	3	10	2	5
21 - 24	19	2	10	13	2	3	16	0	8	10	0	5	8	0	5
25 - 64	60	3	21	43	2	17	66	2	24	50	4	17	57	4	23
65 +	7	2	2	5	1	1	6	1	0	14	1	5	7	1	3
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Total	102	7	42	71	5	25	96	3	36	78	5	30	84	7	37

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

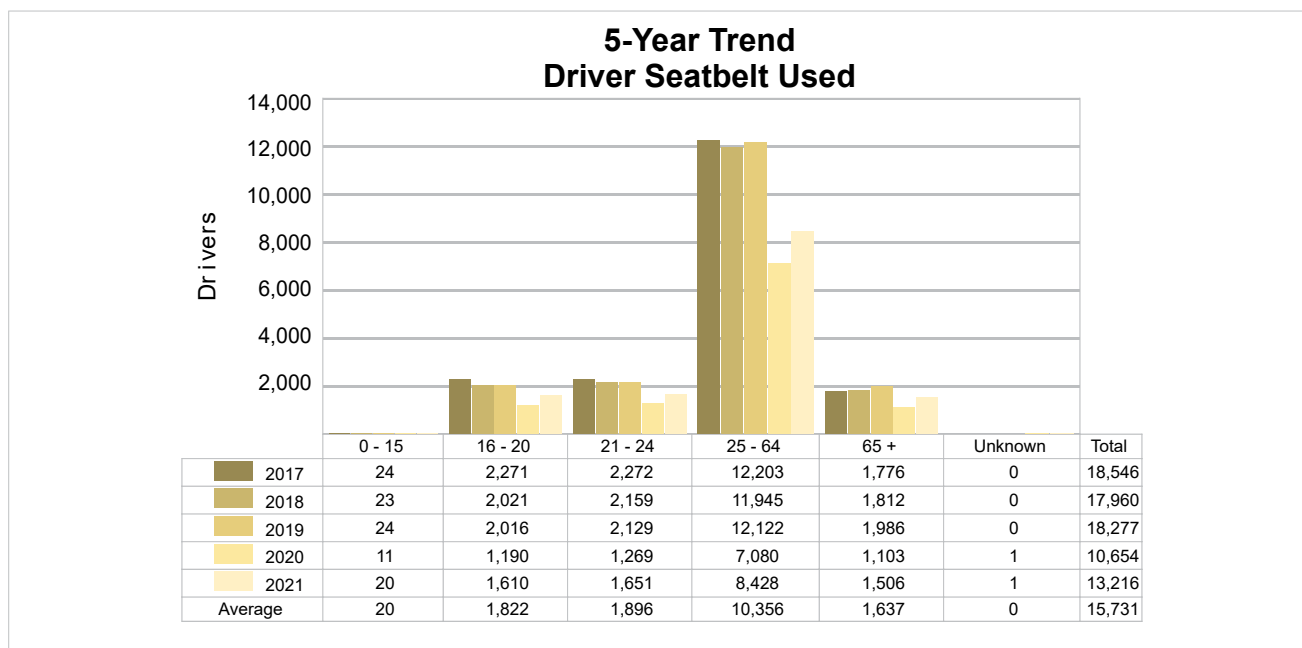
5-Year Trend Driver Seatbelt Not Used



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	2	23	0	0	24	0	1	11	0	0	20	0	0
16 - 20	2,271	2	197	2,021	1	187	2,016	0	182	1,190	0	108	1,610	3	156
21 - 24	2,272	1	224	2,159	1	202	2,129	1	179	1,269	0	99	1,651	0	175
25 - 64	12,203	10	1,159	11,945	6	1,124	12,122	4	1,067	7,080	3	727	8,428	5	856
65 +	1,776	1	194	1,812	2	213	1,986	5	209	1,103	2	144	1,506	1	191
Unknown	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1
Total	18,546	14	1,776	17,960	10	1,726	18,277	10	1,638	10,654	5	1,078	13,216	9	1,379

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	9,797	25	9,559	26	9,717	13	5,810	20	7,208	21
Speed Too Fast	1,147	5	1,160	3	1,193	7	778	8	811	3
Speed Too Slow	3	0	7	0	12	0	6	0	2	0
Failed to Yield	1,965	5	1,965	0	2,040	1	1,134	2	1,509	3
Disregard Traffic Control	277	1	249	1	239	0	205	0	259	1
Drove Wrong Way	8	0	10	2	10	0	8	0	7	0
Drove Left of Center	91	4	90	4	95	2	57	2	69	0
Improper Passing	107	1	101	0	115	0	73	0	76	0
Improper Lane Use	489	1	530	0	595	1	365	0	538	1
Improper Turn	185	0	202	0	238	0	155	0	160	1
Improper/No Signal	52	0	55	0	27	0	23	0	39	0
Improper Backing	240	0	222	0	260	0	161	0	218	0
Unable to Stop in Assured Clear Distance	3,686	3	3,446	1	3,461	1	1,637	2	2,112	2
Other	543	4	502	5	527	6	341	1	374	3
Unknown	1,032	2	967	4	986	4	710	2	912	5
Reckless Driving	70	3	48	3	76	1	59	2	69	3
Careless/Negligent Driving	383	2	319	4	273	3	227	3	244	6
Uncoded & Errors	494	0	530	3	562	8	360	0	396	0
Total	20,569	56	19,962	56	20,426	47	12,109	42	15,003	49

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

