



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

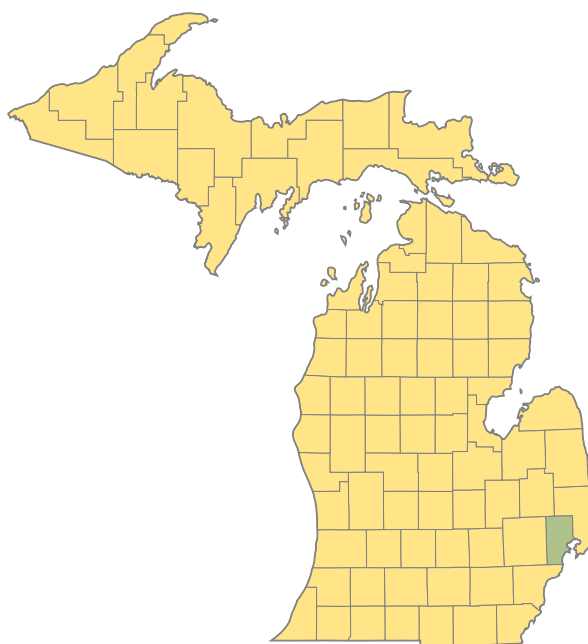
O = No Injury

Property Damage Only (PDO)



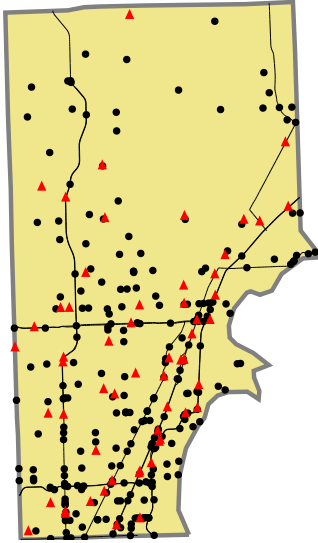
Macomb County

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 (57/57)

● A - Suspected Serious (255/256)

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	1,469	5	286	1,178	6	394
February	1,562	5	265	1,292	5	356
March	1,409	2	301	1,106	2	418
April	1,622	3	349	1,270	3	470
May	1,848	5	427	1,416	5	601
June	1,884	7	412	1,465	8	536
July	1,796	3	432	1,361	3	597
August	1,941	7	442	1,492	7	603
September	2,091	3	449	1,639	3	582
October	2,270	7	524	1,739	7	718
November	2,053	3	369	1,681	3	529
December	1,926	7	363	1,556	7	524
Total	21,871	57	4,619	17,195	59	6,328

2021 - Driver Statistics

Age Group	Macomb County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	159,640	4,135	77	4.8	186.2
16 - 20	49,113	39,642	4,544	925.2	1,146.3
21 - 24	43,232	40,271	3,855	891.7	957.3
25 - 64	469,719	440,301	25,196	536.4	572.2
65 +	152,268	144,647	4,468	293.4	308.9
Unknown	0	0	4,197	--	--
Total	873,972	668,996	42,337	484.4	632.8

*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	34,708	82.0	66	67.3	7,719	26,923
Motor Home	58	0.1	0	0.0	10	48
Pickup Truck	4,825	11.4	15	15.3	977	3,833
Small Truck Under 10,000 lbs. GVWR	208	0.5	2	2.0	43	163
Motorcycle	205	0.5	11	11.2	150	44
Moped/Goped	29	0.1	0	0.0	26	3
Go-Cart/Golf Cart	6	0.0	0	0.0	4	2
Snowmobile	2	0.0	0	0.0	2	0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	11	0.0	0	0.0	9	2
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	87	0.2	0	0.0	10	77
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	1,297	3.1	4	4.1	213	1,080
Uncoded & Errors	901	2.1	0	0.0	99	802
Total	42,337	100.0	98	100.0	9,262	32,977

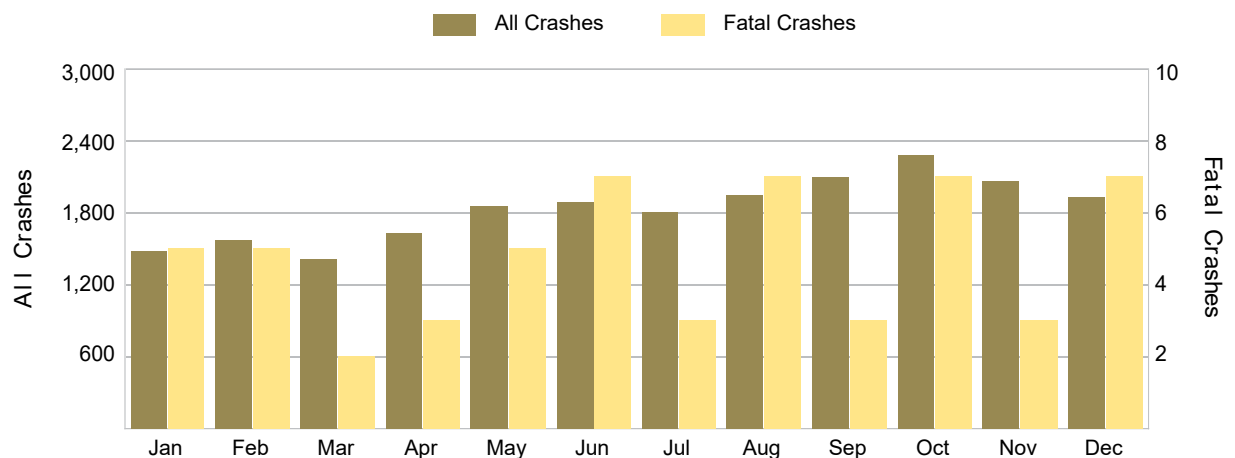
5-Year Trend - Crashes by Month

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	2,018	3	2,412	3	2,079	6	1,883	4	1,469	5
February	1,646	3	2,140	5	1,884	4	1,786	2	1,562	5
March	2,190	2	1,926	5	1,875	1	1,013	3	1,409	2
April	1,865	3	1,794	5	1,652	5	526	0	1,622	3
May	2,273	5	2,303	4	1,995	4	1,049	3	1,848	5
June	2,161	6	2,280	2	2,031	3	1,530	3	1,884	7
July	1,901	1	1,957	1	1,991	3	1,614	2	1,796	3
August	2,014	3	2,011	9	1,871	1	1,656	3	1,941	7
September	2,034	6	2,106	4	2,080	3	1,665	4	2,091	3
October	2,365	4	2,440	3	2,346	11	1,864	8	2,270	7
November	2,170	4	2,342	5	2,134	5	1,639	5	2,053	3
December	2,748	1	2,073	6	1,991	4	1,571	3	1,926	7
Total	25,385	41	25,784	52	23,929	50	17,796	40	21,871	57

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	3,925	4	4,133	9	3,747	5	2,457	8	3,100	8
Tuesday	4,148	7	4,247	7	3,746	7	2,598	4	3,324	8
Wednesday	4,003	6	4,045	3	3,957	6	2,897	4	3,439	7
Thursday	4,037	9	3,953	6	3,680	7	2,803	6	3,392	7
Friday	4,034	4	4,308	13	3,740	9	2,905	8	3,760	5
Saturday	2,992	3	2,935	8	2,808	8	2,351	8	2,712	10
Sunday	2,246	8	2,163	6	2,251	8	1,785	2	2,144	12
Total	25,385	41	25,784	52	23,929	50	17,796	40	21,871	57

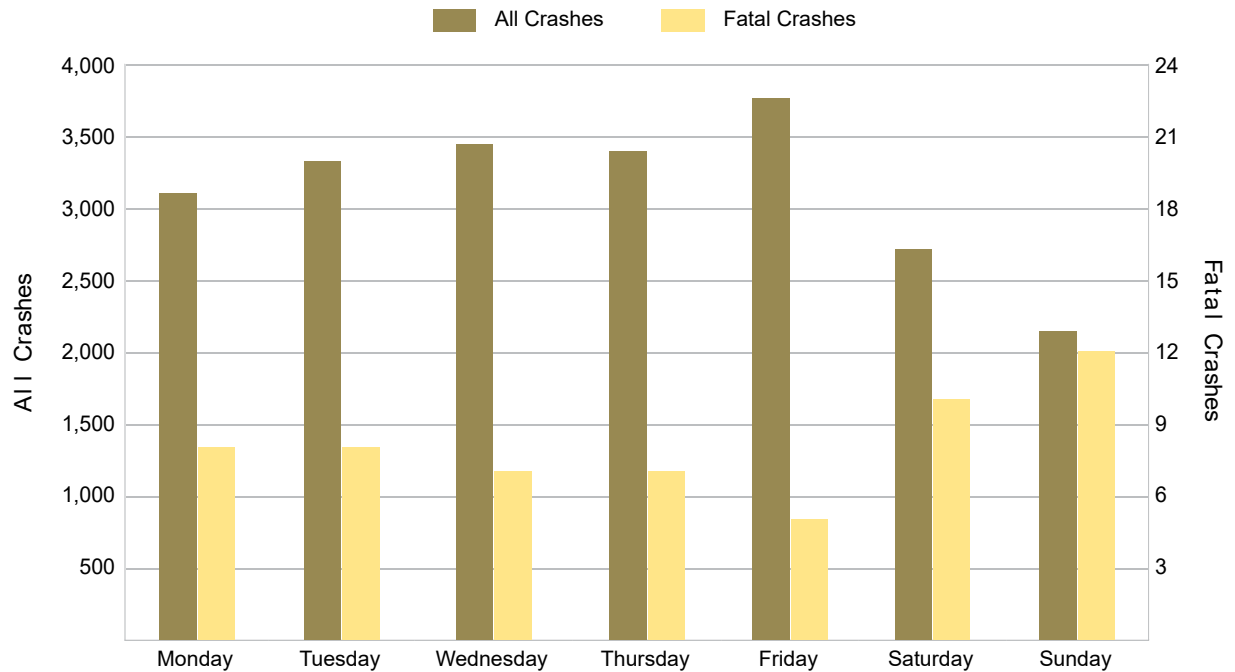
2021 Crashes by Month



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	3,100	14.2	8	14.0	29	207	427	2,429
Tuesday	3,324	15.2	8	14.0	35	197	434	2,650
Wednesday	3,439	15.7	7	12.3	40	205	476	2,711
Thursday	3,392	15.5	7	12.3	37	192	466	2,690
Friday	3,760	17.2	5	8.8	34	234	519	2,968
Saturday	2,712	12.4	10	17.5	40	202	351	2,109
Sunday	2,144	9.8	12	21.1	41	170	283	1,638
Total	21,871	100.0	57	100.0	256	1,407	2,956	17,195

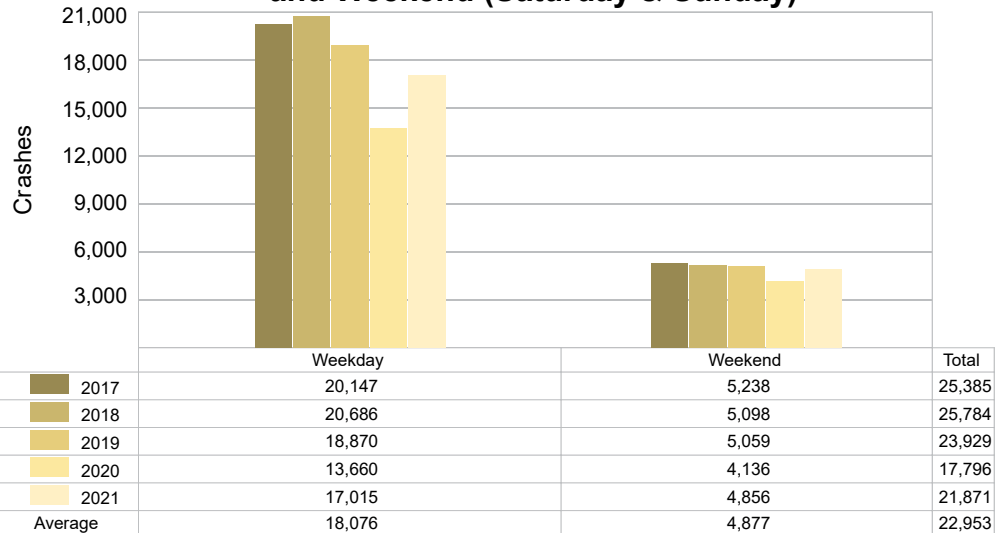
2021 Day of Week and Severity



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	20,147	30	20,686	38	18,870	34	13,660	30	17,015	35
Weekend	5,238	11	5,098	14	5,059	16	4,136	10	4,856	22
Total	25,385	41	25,784	52	23,929	50	17,796	40	21,871	57

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

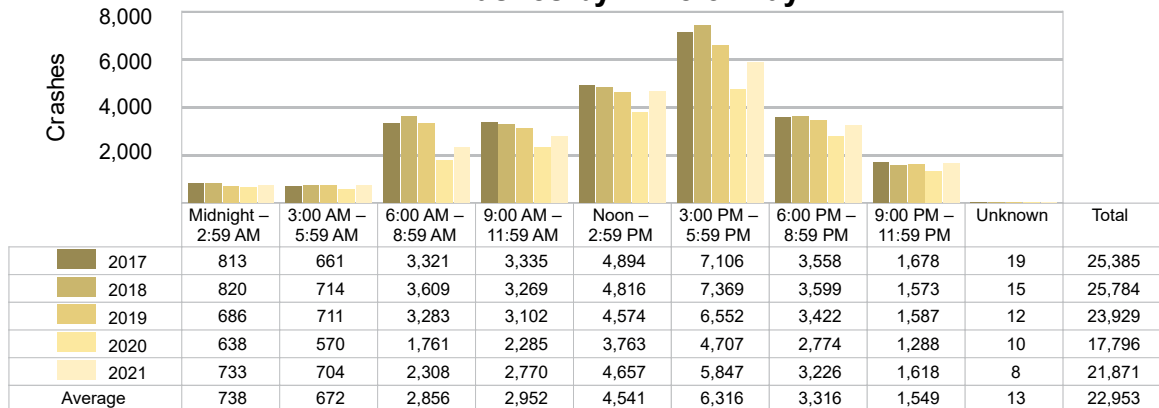


5-Year Trend - Crashes by Time of Day

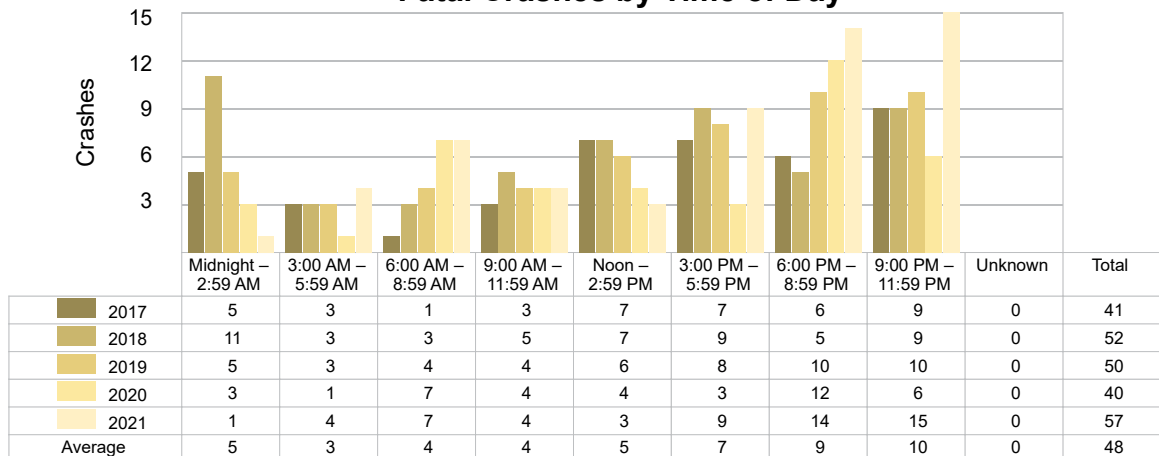
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	813	5	820	11	686	5	638	3	733	1
3:00 AM – 5:59 AM	661	3	714	3	711	3	570	1	704	4
6:00 AM – 8:59 AM	3,321	1	3,609	3	3,283	4	1,761	7	2,308	7
9:00 AM – 11:59 AM	3,335	3	3,269	5	3,102	4	2,285	4	2,770	4
Noon – 2:59 PM	4,894	7	4,816	7	4,574	6	3,763	4	4,657	3
3:00 PM – 5:59 PM	7,106 †	7	7,369 †	9	6,552 †	8	4,707 †	3	5,847 †	9
6:00 PM – 8:59 PM	3,558	6	3,599	5	3,422	10	2,774	12	3,226	14
9:00 PM – 11:59 PM	1,678	9	1,573	9	1,587	10	1,288	6	1,618	15
Unknown	19	0	15	0	12	0	10	0	8	0
Total	25,385	41	25,784	52	23,929	50	17,796	40	21,871	57

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

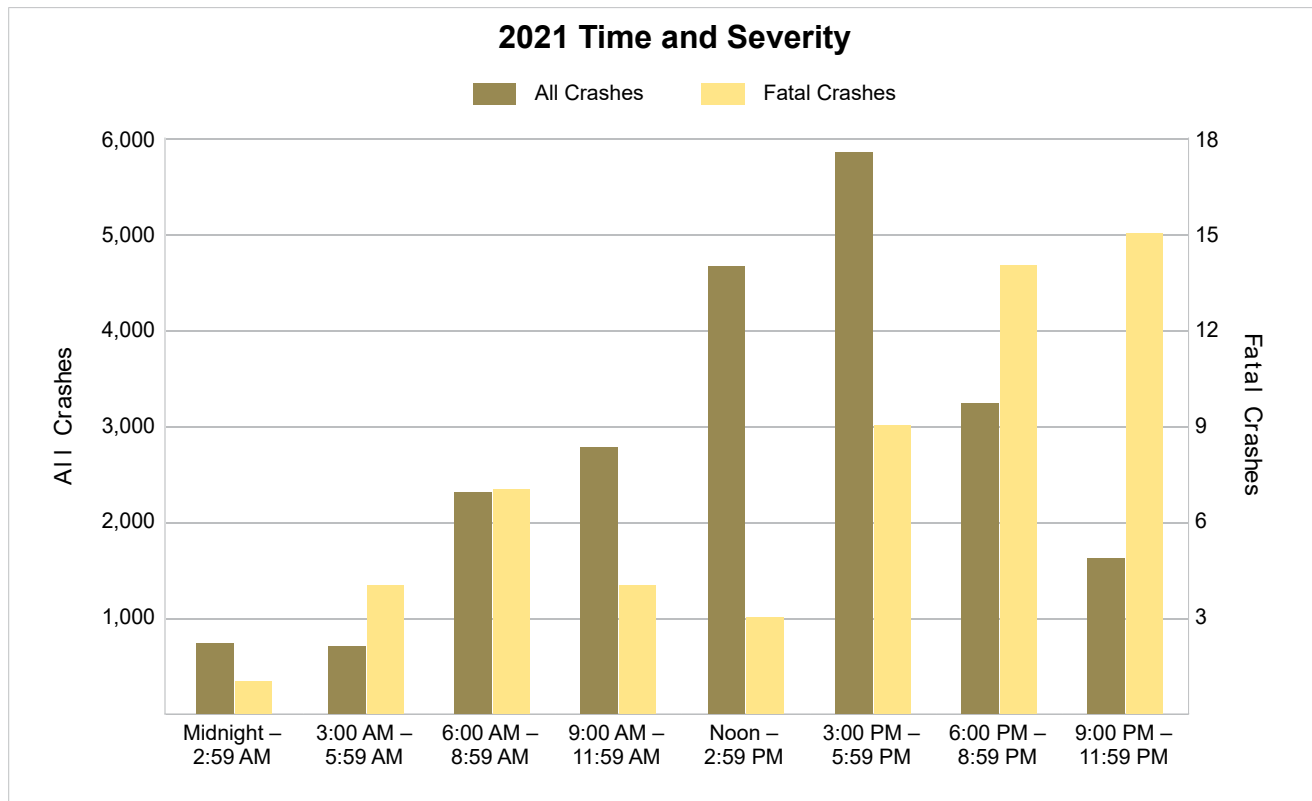


5-Year Trend Fatal Crashes by Time of Day



2021 - Time and Severity

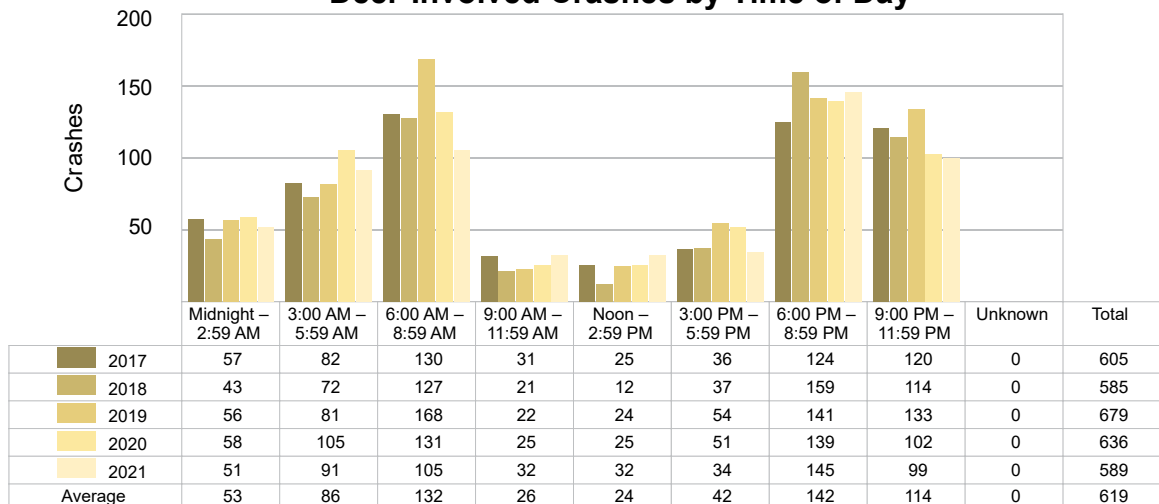
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	733	3.4	1	1.8	16	68	96	552
3:00 AM – 5:59 AM	704	3.2	4	7.0	20	52	80	548
6:00 AM – 8:59 AM	2,308	10.6	7	12.3	13	121	320	1,847
9:00 AM – 11:59 AM	2,770	12.7	4	7.0	23	195	362	2,186
Noon – 2:59 PM	4,657	21.3	3	5.3	49	285	619	3,701
3:00 PM – 5:59 PM	5,847	26.7	9	15.8	56	347	811	4,624
6:00 PM – 8:59 PM	3,226	14.8	14	24.6	42	210	436	2,524
9:00 PM – 11:59 PM	1,618	7.4	15	26.3	37	129	232	1,205
Unknown	8	0.0	0	0.0	0	0	0	8
Total	21,871	100.0	57	100.0	256	1,407	2,956	17,195



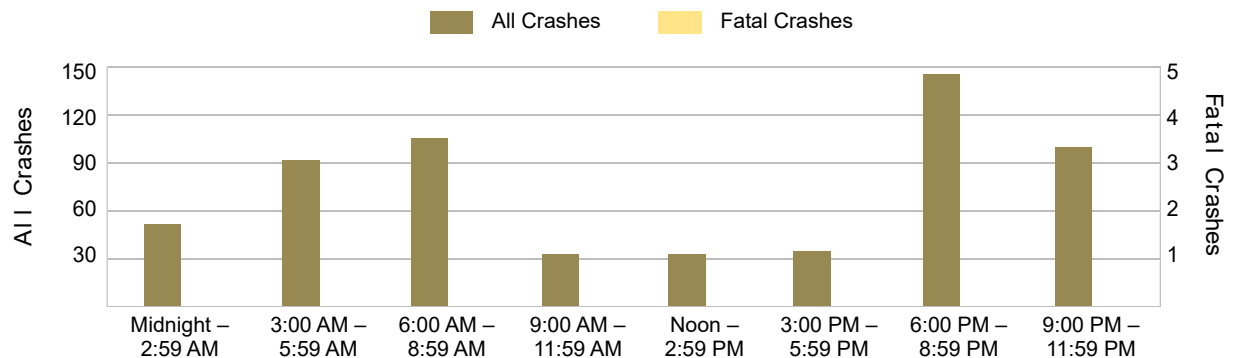
5-Year Trend - Deer-Involved Crashes by Time of Day

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	57	0	43	0	56	0	58	0	51	0
3:00 AM – 5:59 AM	82	0	72	0	81	0	105	0	91	0
6:00 AM – 8:59 AM	130	0	127	0	168	1	131	0	105	0
9:00 AM – 11:59 AM	31	0	21	0	22	0	25	0	32	0
Noon – 2:59 PM	25	0	12	0	24	0	25	0	32	0
3:00 PM – 5:59 PM	36	0	37	0	54	0	51	0	34	0
6:00 PM – 8:59 PM	124	0	159	0	141	0	139	0	145	0
9:00 PM – 11:59 PM	120	0	114	0	133	0	102	0	99	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	605	0	585	0	679	1	636	0	589	0

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



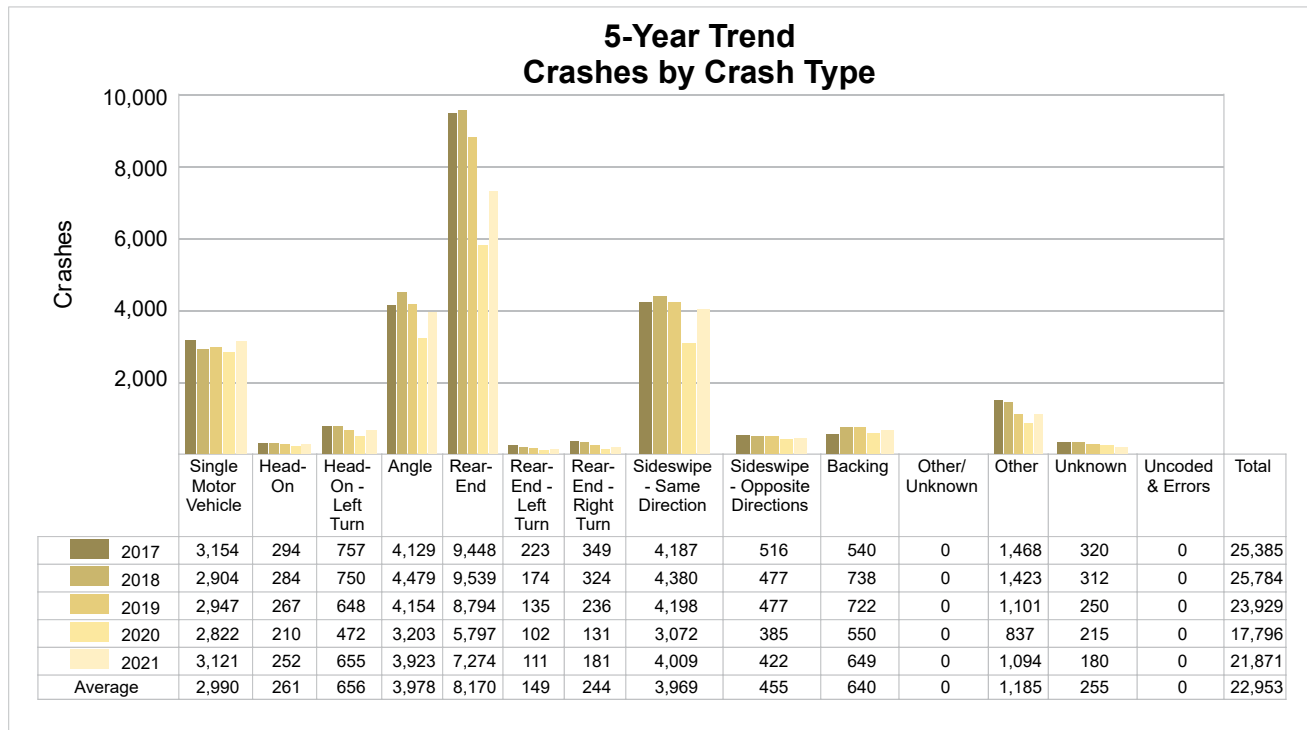
2021 Time and Severity of Deer-Involved Crashes



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

5-Year Trend - Crashes by Crash Type

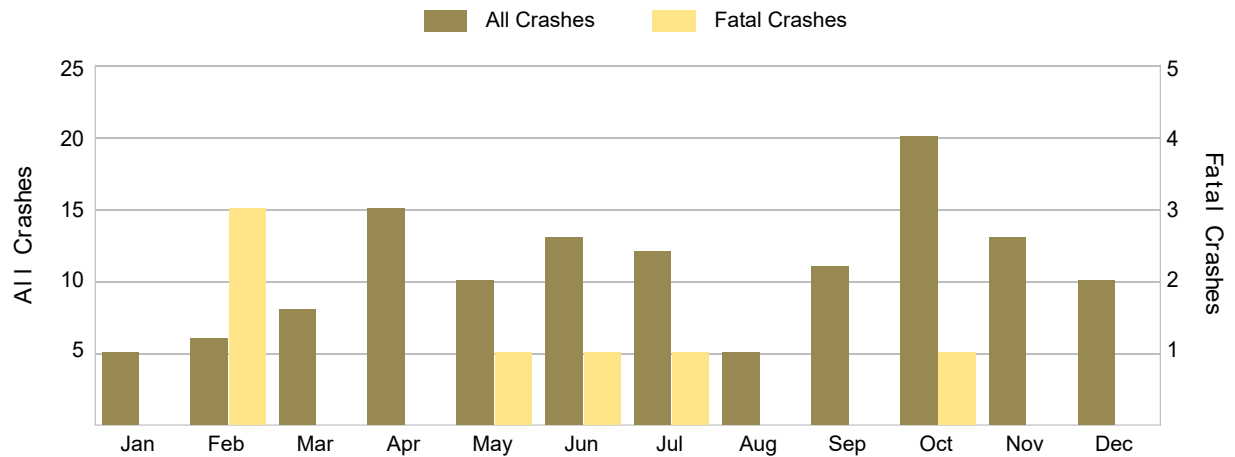
Crash Type	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single Motor Vehicle	3,154	17	2,904	20	2,947	23	2,822	22	3,121	25
Head-On	294	5	284	5	267	5	210	4	252	5
Head-On - Left Turn	757	2	750	1	648	4	472	1	655	7
Angle	4,129	8	4,479	10	4,154	9	3,203	5	3,923	13
Rear-End	9,448	1	9,539	7	8,794	3	5,797	5	7,274	3
Rear-End - Left Turn	223	0	174	0	135	0	102	0	111	0
Rear-End - Right Turn	349	0	324	0	236	0	131	0	181	0
Sideswipe - Same Direction	4,187	0	4,380	1	4,198	2	3,072	1	4,009	0
Sideswipe - Opposite Directions	516	1	477	0	477	1	385	1	422	1
Backing	540	0	738	0	722	0	550	0	649	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	1,468	7	1,423	8	1,101	3	837	1	1,094	3
Unknown	320	0	312	0	250	0	215	0	180	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	25,385	41	25,784	52	23,929	50	17,796	40	21,871	57



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	15	2	13	0	20	3	20	2	5	0
February	10	0	17	1	13	1	7	0	6	3
March	10	0	14	4	10	0	7	1	8	0
April	8	1	6	1	11	1	2	0	15	0
May	15	1	18	1	20	0	9	2	10	1
June	14	1	14	0	12	1	6	1	13	1
July	5	0	12	1	9	0	8	0	12	1
August	12	0	17	3	10	0	9	2	5	0
September	14	1	17	2	10	0	9	2	11	0
October	23	2	19	0	25	4	10	1	20	1
November	22	3	18	1	9	1	11	3	13	0
December	13	1	11	1	17	1	12	1	10	0
Total	161	12	176	15	166	12	110	15	128	7

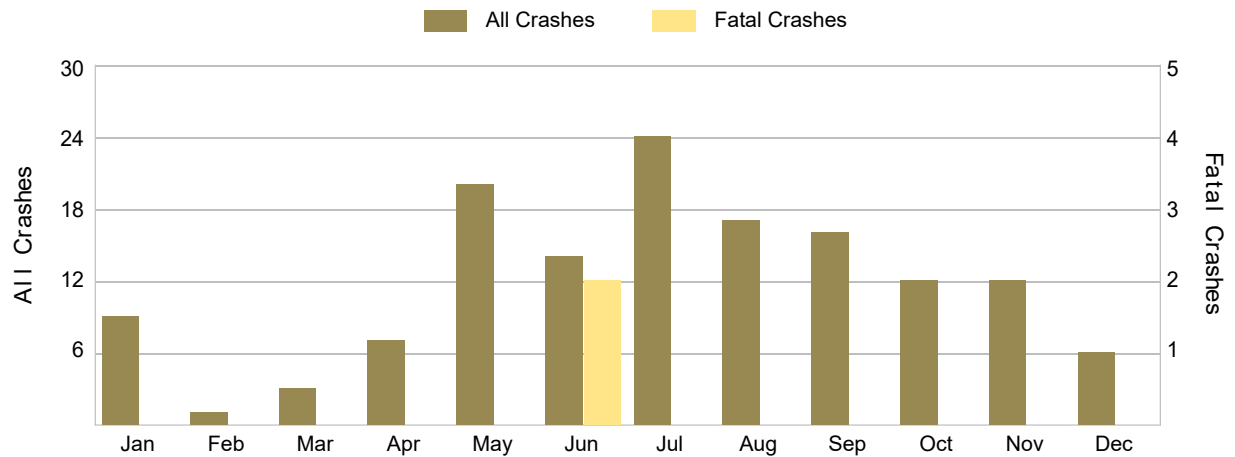
2021 Pedestrian-Involved Crashes by Month



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	10	0	3	0	3	0	7	1	9	0
February	5	1	4	0	3	1	3	0	1	0
March	5	0	1	0	3	0	7	0	3	0
April	9	0	9	1	7	0	2	0	7	0
May	19	0	14	0	5	0	13	0	20	0
June	18	0	18	0	18	0	20	0	14	2
July	22	0	22	0	20	1	25	0	24	0
August	22	0	17	0	20	0	20	0	17	0
September	25	1	22	0	18	1	22	1	16	0
October	16	0	14	1	25	1	4	0	12	0
November	12	0	9	0	3	0	6	0	12	0
December	6	0	5	0	5	0	5	0	6	0
Total	169	2	138	2	130	4	134	2	141	2

2021 Bicyclist-Involved Crashes by Month



2021 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes												
	Total	Fatal	Injury	Property Damage	Inter-State	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Pedestrian-Involved	Bicyclist-Involved
Armada	0	0	0	0	0	0	0	0	0	0	0	0	0
Armada Twp.	100	1	25	74	0	0	0	98	4	3	33	0	0
Bruce Twp.	195	0	49	146	0	0	101	94	5	1	59	1	1
Center Line	313	0	66	247	51	0	122	139	9	1	1	3	2
Chesterfield Twp.	924	5	208	711	104	0	348	472	27	12	36	8	3
Clinton Twp.	1,982	7	445	1,530	117	0	577	1,286	58	16	12	14	14
Eastpointe	643	2	130	511	1	0	205	437	48	13	0	11	6
Fraser	347	0	80	267	0	0	103	244	11	7	1	1	1
Harrison Twp.	665	3	152	510	197	0	50	413	42	12	11	3	4
Lake Township	0	0	0	0	0	0	0	0	0	0	0	0	0
Lenox Twp.	246	2	52	192	9	0	58	179	9	3	34	0	0
Macomb Twp.	1,716	5	417	1,294	0	0	548	1,164	44	5	70	7	5
Memphis	10	0	1	9	0	0	6	4	0	0	3	0	0
Mt. Clemens	446	3	125	318	0	0	251	194	34	8	1	6	8
New Baltimore	162	0	34	128	0	0	94	68	7	1	4	1	5
New Haven	0	0	0	0	0	0	0	0	0	0	0	0	0
Ray Twp.	211	1	52	158	0	0	0	211	4	2	75	0	0
Richmond	112	0	25	87	0	0	67	45	3	2	8	0	1
Richmond Twp.	83	0	17	66	0	0	14	69	4	1	35	0	0
Romeo	0	0	0	0	0	0	0	0	0	0	0	0	0
Roseville	1,820	7	375	1,438	335	0	661	822	50	15	1	12	14
Shelby Twp.	1,702	3	332	1,367	0	0	243	1,455	33	8	56	13	11
St. Clair Shores	1,357	0	306	1,051	434	0	0	921	62	19	1	10	19
Sterling Heights	3,888	7	736	3,145	0	0	1,081	2,806	60	20	34	14	19
Utica	457	0	58	399	0	0	296	161	11	4	4	1	1
Village of Grosse Pointe Shores	2	0	0	2	0	0	0	2	0	0	0	0	0
Warren	3,842	7	828	3,007	441	0	734	2,656	71	24	13	22	25
Washington Twp.	648	4	106	538	0	0	158	489	14	4	97	1	2
Total	21,871	57	4,619	17,195	1,689	0	5,717	14,429	610	181	589	128	141

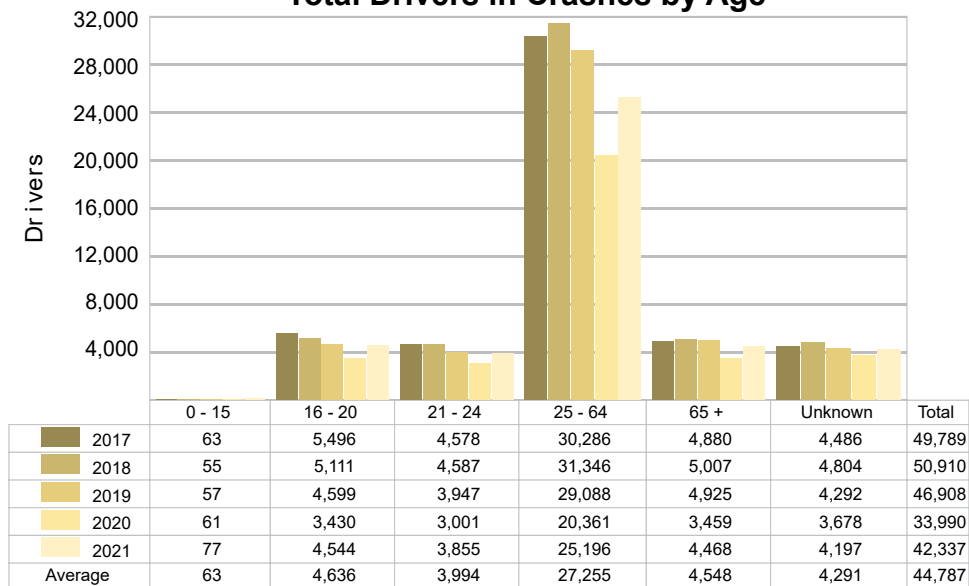
2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Armada	0	0	0	0	0	0
Armada Twp.	1	8	15	35	132	3
Bruce Twp.	0	22	26	87	285	18
Center Line	0	13	62	98	609	67
Chesterfield Twp.	5	41	110	384	1,501	146
Clinton Twp.	7	59	254	796	3,290	315
Eastpointe	2	36	100	183	875	349
Fraser	0	25	101	106	718	57
Harrison Twp.	4	23	88	235	1,045	97
Lake Township	0	0	0	0	0	0
Lenox Twp.	2	2	47	88	400	24
Macomb Twp.	5	78	306	778	3,115	280
Memphis	0	0	0	2	14	2
Mt. Clemens	3	27	78	224	729	113
New Baltimore	0	11	26	54	325	25
New Haven	0	0	0	0	0	0
Ray Twp.	1	12	27	79	299	7
Richmond	0	14	12	41	217	18
Richmond Twp.	0	5	6	20	100	8
Romeo	0	0	0	0	0	0
Roseville	7	47	304	628	2,951	605
Shelby Twp.	4	23	367	416	2,884	201
St. Clair Shores	0	27	314	430	2,252	381
Sterling Heights	7	39	450	1,284	6,561	557
Utica	0	5	70	82	812	59
Village of Grosse Pointe Shores	0	0	0	0	4	0
Warren	7	105	707	1,392	7,036	1,070
Washington Twp.	4	20	70	161	1,136	48
Total	59	642	3,540	7,603	37,290	4,450

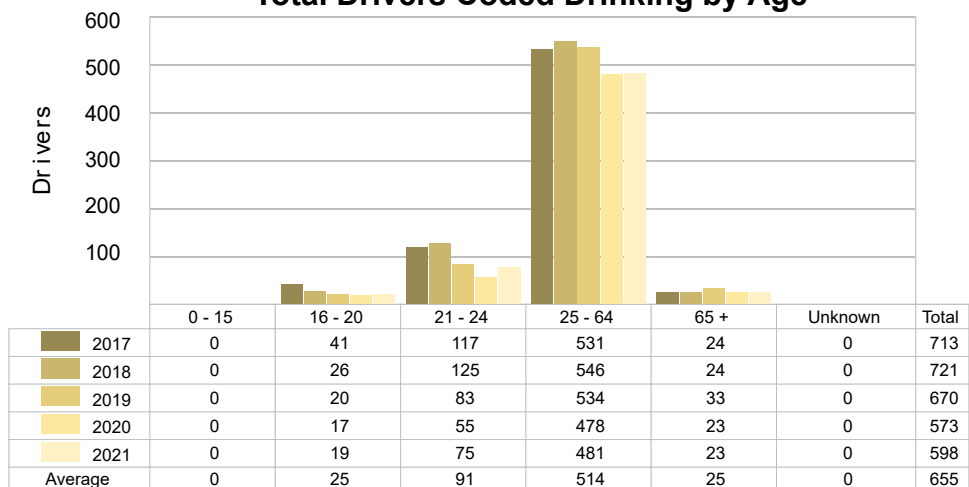
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	63	0	55	0	57	0	61	0	77	0
16 - 20	5,496	41	5,111	26	4,599	20	3,430	17	4,544	19
21 - 24	4,578	117	4,587	125	3,947	83	3,001	55	3,855	75
25 - 64	30,286	531	31,346	546	29,088	534	20,361	478	25,196	481
65 +	4,880	24	5,007	24	4,925	33	3,459	23	4,468	23
Unknown	4,486	0	4,804	0	4,292	0	3,678	0	4,197	0
Total	49,789	713	50,910	721	46,908	670	33,990	573	42,337	598

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	0	0	0	0	0	0	0	0
16 - 20	51	32	18	19	0	0	10	5	4
21 - 24	113	81	66	75	0	8	28	21	18
25 - 64	712	570	436	481	0	20	126	190	145
65 +	47	37	23	23	0	6	7	7	3
Unknown	125	0	0	0	0	0	0	0	0
Total	1,049	720	543	598	0	34	171	223	170

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).

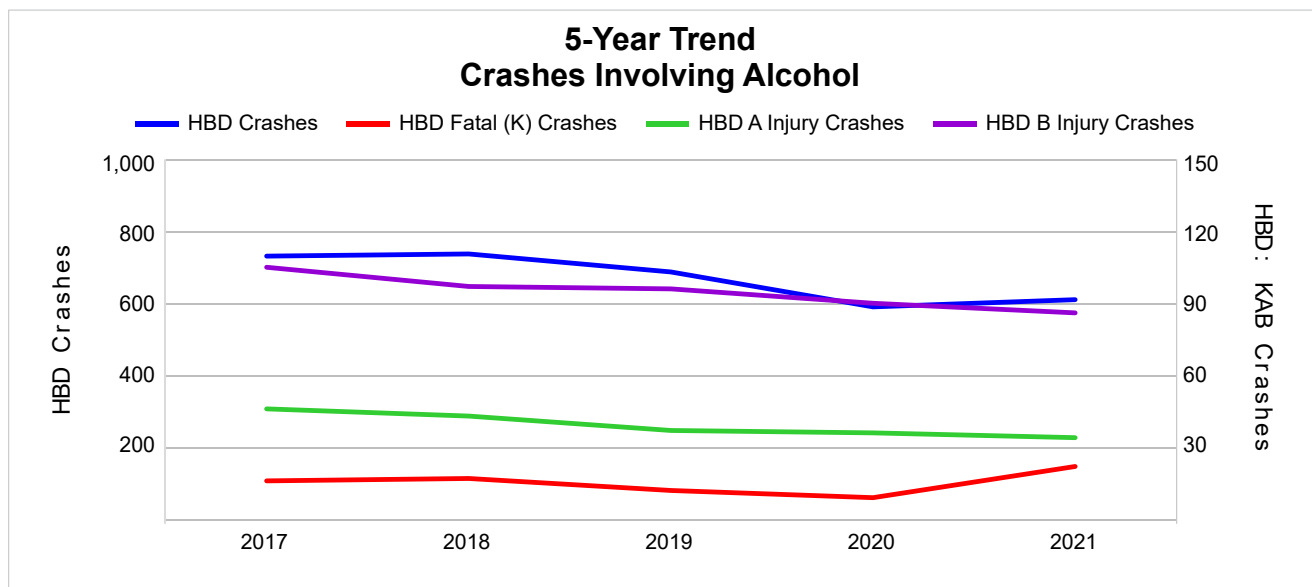
A driver may be coded by the officer as drinking even though no test is administered.

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	25,385	731	2.9	41	16	39.0	306	46	15.0	1,450	105	7.2
2018	25,784	737	2.9	52	17	32.7	295	43	14.6	1,421	97	6.8
2019	23,929	687	2.9	50	12	24.0	222	37	16.7	1,379	96	7.0
2020	17,796	590	3.3	40	9	22.5	216	36	16.7	1,110	90	8.1
2021	21,871	610	2.8 *	57 **	22 **	38.6	256	34 *	13.3 *	1,407	86 *	6.1 *

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.



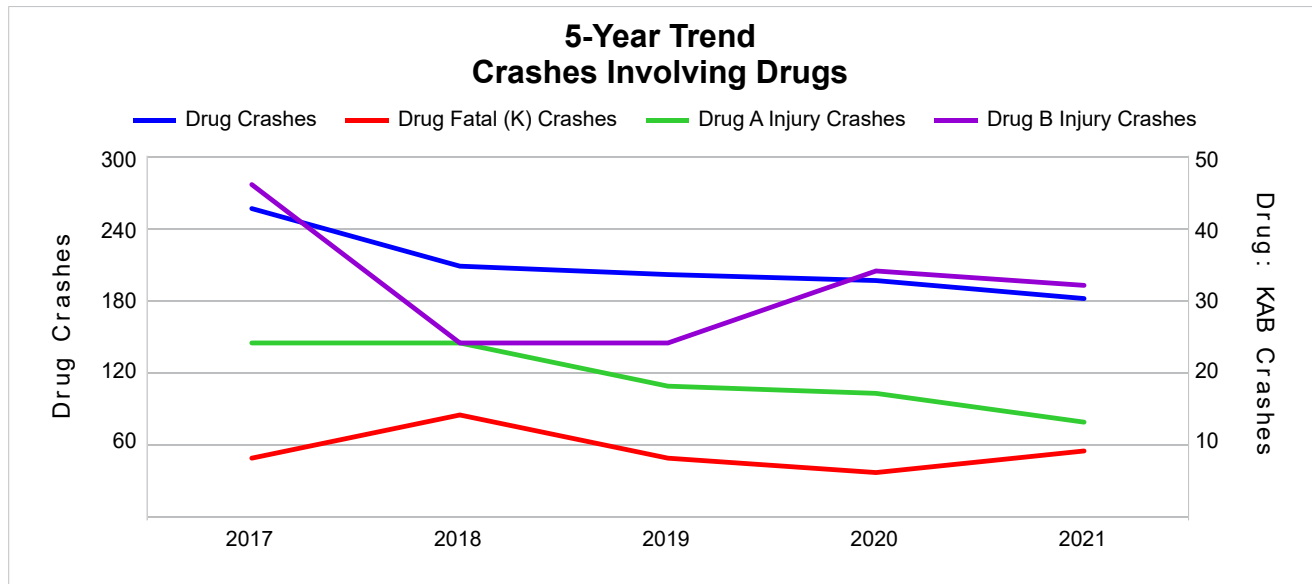
Note: Had-Been-Drinking (HBD)

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	25,385	256	1.0	41	8	19.5	306	24	7.8	1,450	46	3.2
2018	25,784	208	0.8	52	14	26.9	295	24	8.1	1,421	24	1.7
2019	23,929	201	0.8	50	8	16.0	222	18	8.1	1,379	24	1.7
2020	17,796	196	1.1	40	6	15.0	216	17	7.9	1,110	34	3.1
2021	21,871	181 *	0.8	57 **	9	15.8	256	13 *	5.1 *	1,407	32	2.3

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.

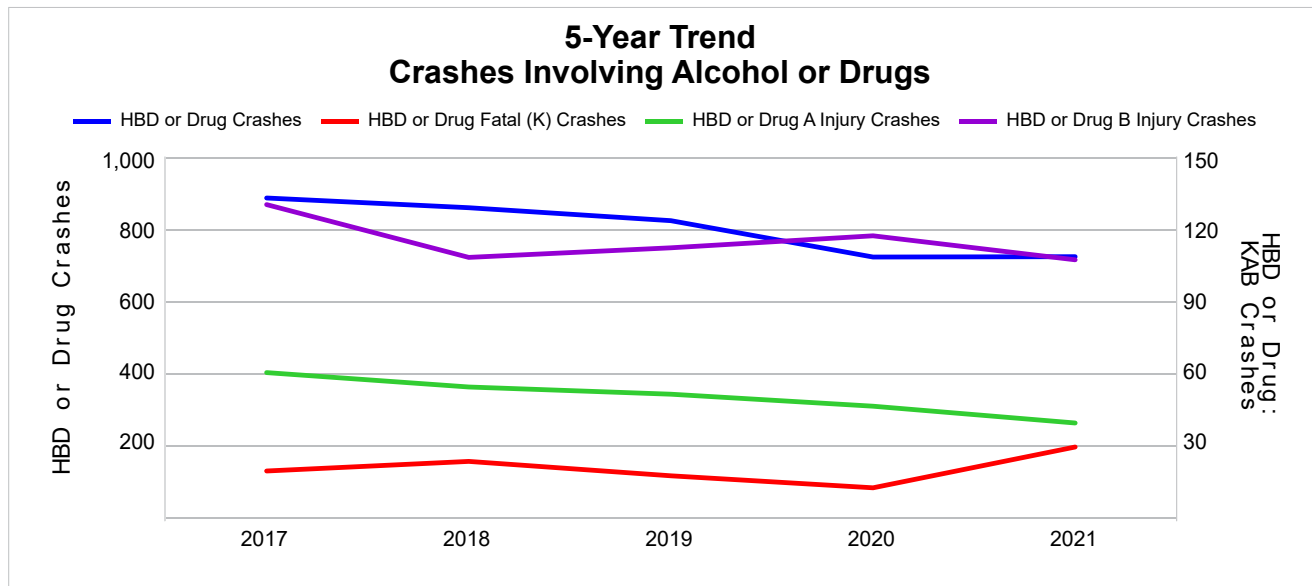


5-Year Trend - Crashes Involving Alcohol or Drugs

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	25,385	885	3.5	41	19	46.3	306	60	19.6	1,450	130	9.0
2018	25,784	858	3.3	52	23	44.2	295	54	18.3	1,421	108	7.6
2019	23,929	822	3.4	50	17	34.0	222	51	23.0	1,379	112	8.1
2020	17,796	721	4.1	40	12	30.0	216	46	21.3	1,110	117	10.5
2021	21,871	722	3.3 *	57 **	29 **	50.9 **	256	39 *	15.2 *	1,407	107 *	7.6

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	35,903	31,983	89.1	31	20	64.5	167	124	74.3	1,377	1,291	93.8	3,847	3,694	96.0	27,594	26,854	97.3
Motor Home	59	56	94.9	0	0	0.0	0	0	0.0	3	3	100.0	4	4	100.0	51	49	96.1
Pickup Truck	4,896	4,282	87.5	8	3	37.5	18	10	55.6	105	97	92.4	308	300	97.4	3,979	3,872	97.3
Small Truck Under 10,000 lbs. GVWR	213	183	85.9	1	0	0.0	2	2	100.0	6	6	100.0	12	12	100.0	164	163	99.4
Motorcycle	219	122	55.7	10	5	50.0	45	24	53.3	78	47	60.3	36	22	61.1	41	24	58.5
Moped/Goped	30	8	26.7	0	0	0.0	6	2	33.3	12	4	33.3	8	1	12.5	3	1	33.3
Go-Cart/Golf Cart	8	1	12.5	0	0	0.0	2	0	0.0	0	0	0.0	1	0	0.0	5	1	20.0
Snowmobile	3	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	2	0	0.0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	11	1	9.1	0	0	0.0	2	0	0.0	4	0	0.0	2	0	0.0	2	1	50.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	87	52	59.8	0	0	0.0	2	0	0.0	2	1	50.0	3	1	33.3	61	50	82.0
Truck/Bus (over 10,000 lbs. GVWR/ 8+ occupants/ hazmat placard)	1,313	1,175	89.5	0	0	0.0	4	2	50.0	12	9	75.0	33	24	72.7	1,167	1,140	97.7
Uncoded & Errors	901	1	0.1	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Total	43,643	37,864	86.8	50	28	56.0	248	164	66.1	1,599	1,458	91.2	4,255	4,058	95.4	33,070	32,156	97.2

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	386	345	89.4	1	0	0.0	7	2	28.6	65	57	87.7	248	232	93.5	65	54	83.1
16 - 20	4,749	4,591	96.7	4	2	50.0	23	16	69.6	229	212	92.6	451	429	95.1	4,020	3,932	97.8
21 - 24	3,964	3,784	95.5	3	2	66.7	23	11	47.8	179	157	87.7	407	385	94.6	3,331	3,229	96.9
25 - 64	25,731	24,643	95.8	30	16	53.3	163	107	65.6	910	828	91.0	2,647	2,524	95.4	21,803	21,168	97.1
65 +	4,615	4,497	97.4	12	8	66.7	32	28	87.5	216	204	94.4	501	488	97.4	3,842	3,769	98.1
Unknown	4,198	4	0.1	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	9	4	44.4
Total	43,643	37,864	86.8	50	28	56.0	248	164	66.1	1,599	1,458	91.2	4,255	4,058	95.4	33,070	32,156	97.2

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	43	0	10	28	0	8	46	0	6	23	0	1	47	1	9
Shoulder Belt Only Used	154	0	19	91	0	15	112	0	15	76	0	12	144	2	28
Lap Belt Only Used	50	0	6	61	0	6	46	0	8	42	0	5	51	0	10
Both Lap & Shoulder Belt Used	43,408	9	5,161	44,268	21	5,153	41,009	10	4,757	28,982	9	3,680	36,362	17	4,372
No Belts Used	151	2	85	139	0	70	128	8	64	141	3	76	172	7	88
Child Restraint Used - Forward Facing	2	0	1	1	0	0	1	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	9	0	1	7	0	1	6	0	1	5	0	0	4	0	1
Restraint Use Unknown	4,605	1	148	4,935	1	129	4,282	2	92	3,519	1	84	4,298	6	118
Helmet Worn	169	4	122	138	2	97	128	3	94	116	4	84	122	5	92
Helmet Not Worn	70	5	50	75	7	54	63	3	52	94	1	77	99	4	76
Helmet Use Unknown	10	1	3	12	0	8	11	0	7	12	0	6	13	1	9
Uncoded & Errors	1,118	0	0	1,155	0	0	1,076	0	0	980	0	0	1,025	0	0
Total	49,789	22	5,606	50,910	31	5,541	46,908	26	5,096	33,990	18	4,025	42,337	43	4,803

5-Year Trend - Restraint Use Among Drivers Coded Drinking

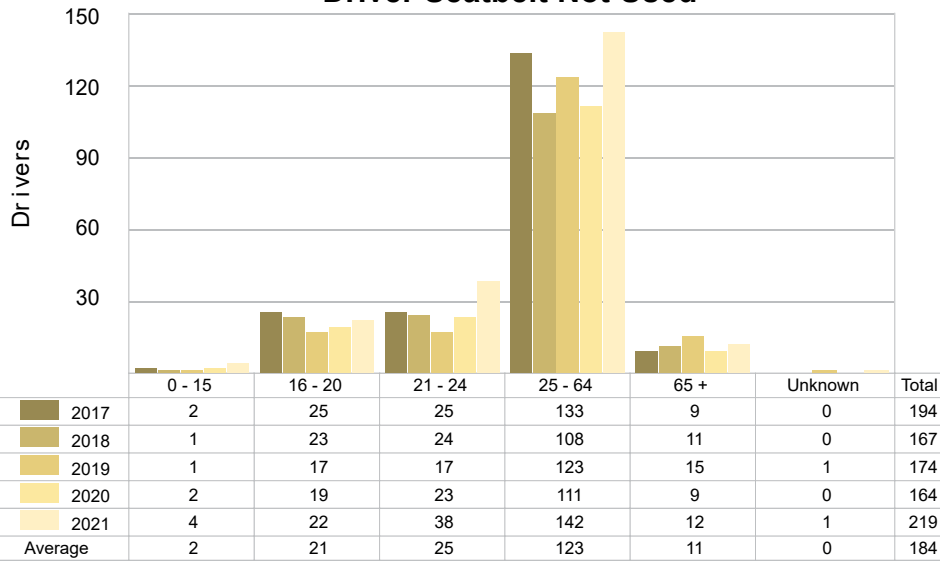
Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	0	0	0	1	0	0	0	0	0	1	0	0	3	1	1
Shoulder Belt Only Used	1	0	0	0	0	0	4	0	0	1	0	0	0	0	0
Lap Belt Only Used	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1
Both Lap & Shoulder Belt Used	563	3	131	582	1	136	549	2	119	456	0	120	453	4	106
No Belts Used	23	2	15	25	0	16	16	1	10	13	0	9	32	3	12
Child Restraint Used - Forward Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Not Used, Unavailable or Improper Use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Rear Facing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child Restraint Used - Booster Seat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Failure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Use Unknown	116	0	27	101	1	27	85	1	19	84	1	18	91	1	27
Helmet Worn	2	0	2	5	1	3	3	1	1	2	0	2	2	1	1
Helmet Not Worn	7	1	6	7	2	4	11	0	10	14	1	11	16	3	9
Helmet Use Unknown	1	0	1	0	0	0	1	0	1	1	0	1	0	0	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	713	6	182	721	5	186	670	5	160	573	2	161	598	13	157

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	1	1	0	0	1	0	0	2	0	1	4	0	0
16 - 20	25	0	12	23	0	10	17	0	10	19	0	11	22	0	11
21 - 24	25	1	14	24	0	14	17	2	8	23	1	9	38	0	22
25 - 64	133	1	66	108	0	50	123	3	49	111	1	52	142	7	58
65 +	9	0	2	11	0	4	15	3	3	9	1	4	12	1	6
Unknown	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
Total	194	2	95	167	0	78	174	8	70	164	3	77	219	8	97

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

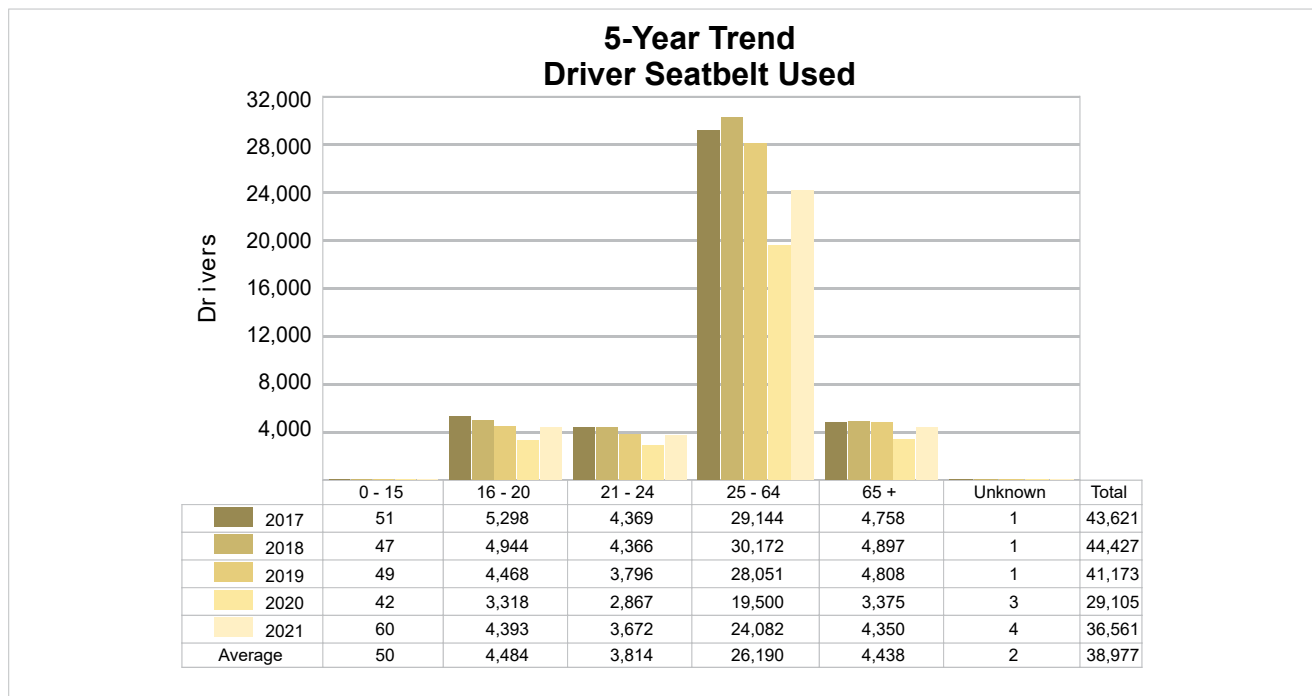
5-Year Trend Driver Seatbelt Not Used



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	51	0	8	47	0	1	49	0	5	42	0	4	60	0	6
16 - 20	5,298	0	529	4,944	1	521	4,468	1	436	3,318	1	378	4,393	1	460
21 - 24	4,369	2	513	4,366	3	506	3,796	2	418	2,867	2	362	3,672	2	446
25 - 64	29,144	5	3,490	30,172	9	3,452	28,051	3	3,264	19,500	2	2,478	24,082	11	2,919
65 +	4,758	2	646	4,897	8	695	4,808	4	658	3,375	4	475	4,350	5	580
Unknown	1	0	1	1	0	0	1	0	0	3	0	0	4	0	0
Total	43,621	9	5,187	44,427	21	5,175	41,173	10	4,781	29,105	9	3,697	36,561	19	4,411

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	23,841	33	24,315	51	22,254	36	15,718	29	19,867	45
Speed Too Fast	1,094	3	1,076	5	1,031	4	861	4	1,104	12
Speed Too Slow	7	0	8	0	8	0	7	0	5	0
Failed to Yield	5,356	5	5,927	4	5,424	6	3,783	4	4,991	6
Disregard Traffic Control	824	3	865	4	809	4	786	1	819	9
Drove Wrong Way	27	0	26	0	35	0	24	0	38	1
Drove Left of Center	211	2	184	5	184	6	141	2	165	4
Improper Passing	182	0	208	1	205	0	149	0	222	0
Improper Lane Use	1,310	0	1,297	0	1,295	0	901	1	1,208	0
Improper Turn	421	1	429	0	381	0	322	0	375	0
Improper/No Signal	41	0	20	0	39	0	22	0	31	0
Improper Backing	669	0	675	0	668	0	515	0	568	0
Unable to Stop in Assured Clear Distance	8,974	1	8,816	4	8,140	2	5,311	3	6,616	2
Other	1,776	4	1,886	8	1,727	10	1,365	4	1,737	2
Unknown	2,788	9	2,904	10	2,657	11	2,234	5	2,687	12
Reckless Driving	168	3	159	2	137	5	136	5	149	5
Careless/Negligent Driving	1,184	4	1,148	3	950	1	868	2	900	0
Uncoded & Errors	916	1	967	0	964	1	847	1	855	0
Total	49,789	69	50,910	97	46,908	86	33,990	61	42,337	98

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