



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

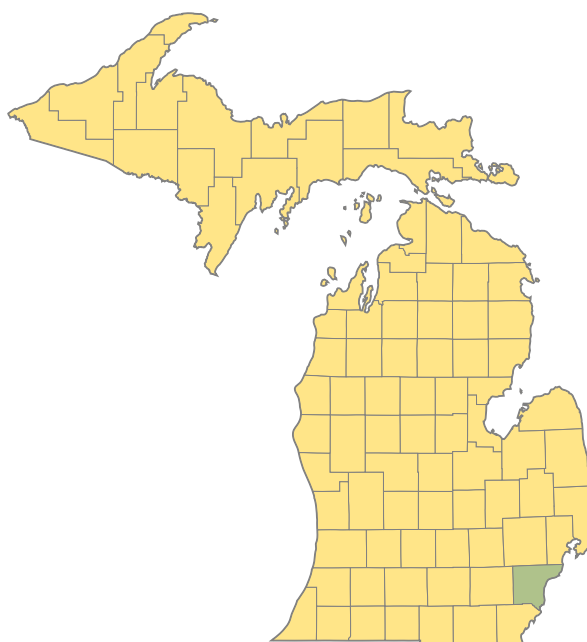
O = No Injury

Property Damage Only (PDO)



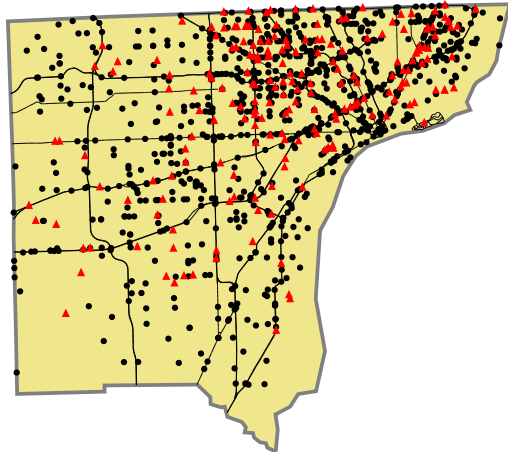
Wayne County

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 (202/202)
 ● A - Suspected Serious (962/963)

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	3,266	8	727	2,531	9	1,019
February	3,757	16	762	2,979	16	1,027
March	3,635	26	888	2,721	28	1,276
April	3,797	21	967	2,809	24	1,336
May	4,392	22	1,083	3,287	25	1,501
June	4,546	16	1,146	3,384	19	1,659
July	4,432	17	1,129	3,286	18	1,663
August	4,660	16	1,141	3,503	16	1,604
September	4,588	18	1,102	3,468	19	1,564
October	4,943	18	1,141	3,784	20	1,606
November	4,537	16	945	3,576	16	1,301
December	3,937	8	799	3,130	9	1,106
Total	50,490	202	11,830	38,458	219	16,662

2021 - Driver Statistics

Age Group	Wayne County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	365,688	4,859	155	4.2	319.0
16 - 20	106,588	64,910	7,865	737.9	1,211.7
21 - 24	89,018	70,720	8,312	933.7	1,175.3
25 - 64	911,519	744,498	54,108	593.6	726.8
65 +	276,530	232,753	7,637	276.2	328.1
Unknown	0	0	19,869	--	--
Total	1,749,343	1,117,740	97,946	559.9	876.3

*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	80,777	82.5	228	71.5	19,741	60,808
Motor Home	129	0.1	0	0.0	20	109
Pickup Truck	6,271	6.4	16	5.0	1,297	4,958
Small Truck Under 10,000 lbs. GVWR	358	0.4	0	0.0	68	290
Motorcycle	612	0.6	29	9.1	433	150
Moped/Goped	133	0.1	7	2.2	105	21
Go-Cart/Golf Cart	3	0.0	0	0.0	1	2
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	60	0.1	7	2.2	37	16
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	330	0.3	0	0.0	71	259
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	3,287	3.4	18	5.6	583	2,686
Uncoded & Errors	5,986	6.1	14	4.4	837	5,135
Total	97,946	100.0	319	100.0	23,193	74,434

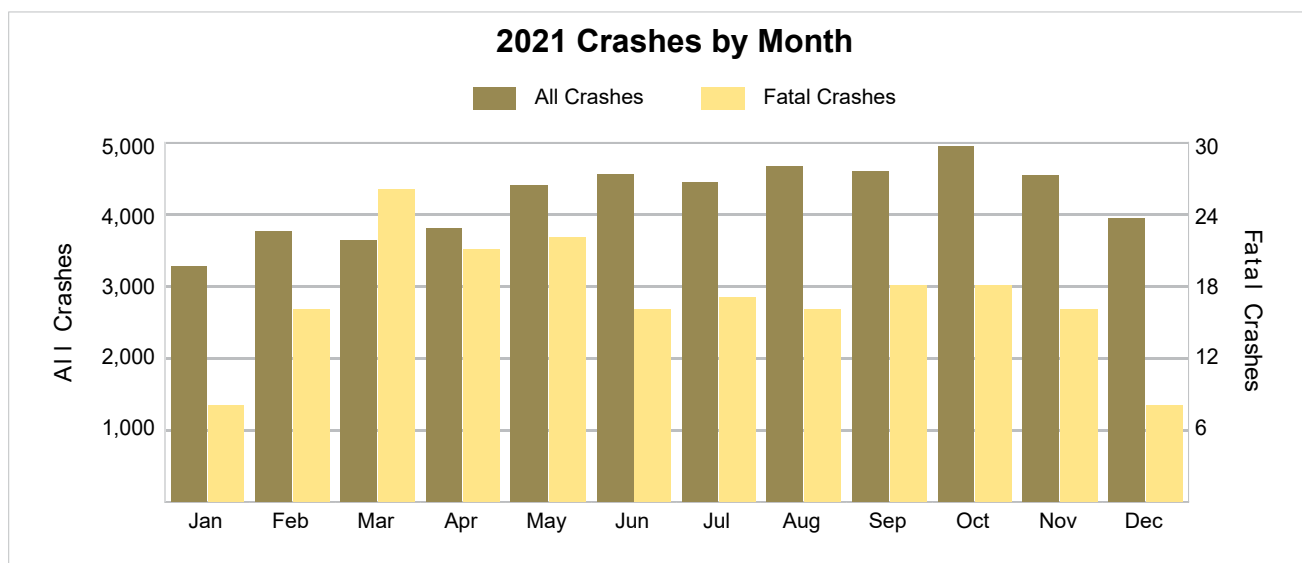
5-Year Trend - Crashes by Month

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	4,161	15	5,041	3	4,706	13	4,260	9	3,266	8
February	3,793	12	4,654	9	4,137	5	4,134	10	3,757	16
March	5,085	11	4,111	4	4,145	17	2,748	14	3,635	26
April	4,081	13	3,988	11	4,002	12	1,773	15	3,797	21
May	4,911	16	4,911	15	4,652	19	2,996	22	4,392	22
June	4,784	17	4,635	21	4,577	18	3,864	21	4,546	16
July	4,162	8	4,175	16	4,182	11	4,469	36	4,432	17
August	4,317	11	4,283	20	4,291	10	4,373	30	4,660	16
September	4,499	11	4,460	20	4,467	12	4,030	26	4,588	18
October	4,894	8	5,059	9	4,980	17	4,106	18	4,943	18
November	4,595	8	4,411	12	4,660	8	3,573	17	4,537	16
December	5,638	15	4,344	13	4,236	9	3,691	16	3,937	8
Total	54,920	145	54,072	153	53,035	151	44,017	234	50,490	202

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	8,258	20	8,343	24	7,942	20	5,930	32	7,056	29
Tuesday	8,248	23	8,166	22	7,921	18	6,064	28	7,079	25
Wednesday	8,502	11	8,028	14	8,099	14	6,883	29	7,296	24
Thursday	8,444	18	8,084	21	7,894	25	6,389	30	7,234	24
Friday	8,922 †	23	8,691 †	22	8,265 †	17	7,088 †	28	8,217 †	20
Saturday	6,804	30	7,017	27	6,976	34	6,305	43	7,301	38
Sunday	5,742	20	5,743	23	5,938	23	5,358	44	6,307	42
Total	54,920	145	54,072	153	53,035	151	44,017	234	50,490	202

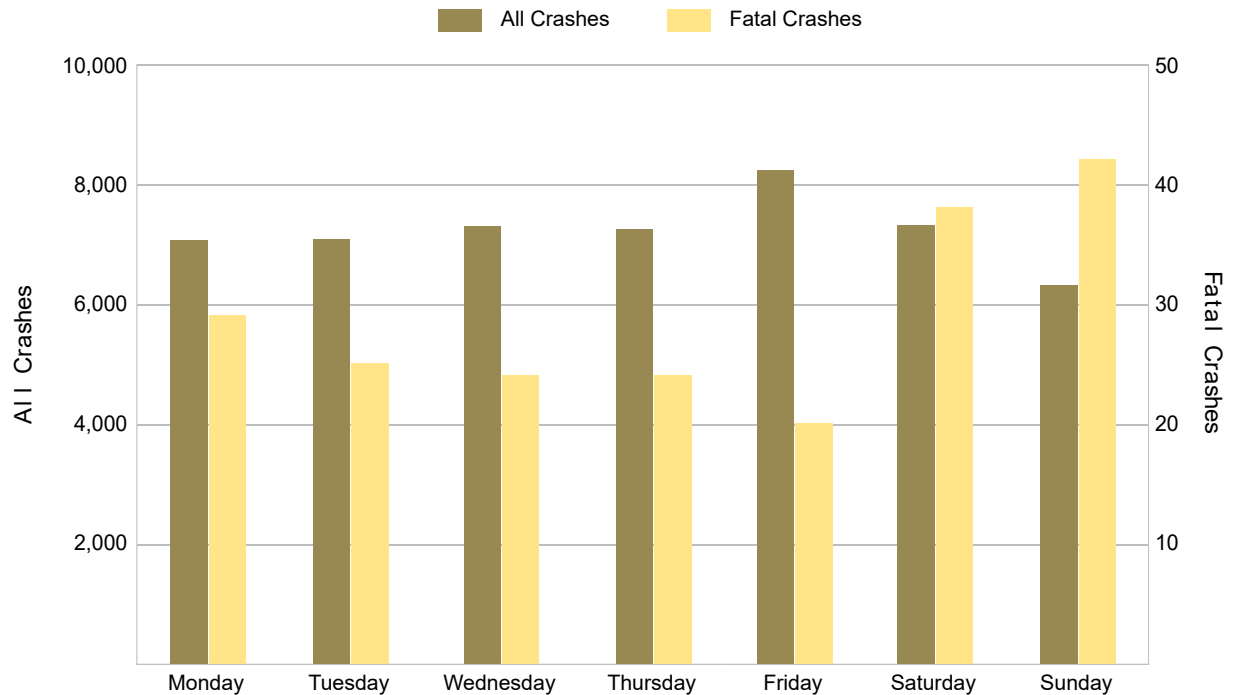
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred on the same day of the week.



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	7,056	14.0	29	14.4	121	469	1,019	5,418
Tuesday	7,079	14.0	25	12.4	109	444	990	5,511
Wednesday	7,296	14.5	24	11.9	126	431	1,091	5,624
Thursday	7,234	14.3	24	11.9	128	498	1,087	5,497
Friday	8,217	16.3	20	9.9	141	504	1,191	6,361
Saturday	7,301	14.5	38	18.8	163	563	1,098	5,439
Sunday	6,307	12.5	42	20.8	175	493	989	4,608
Total	50,490	100.0	202	100.0	963	3,402	7,465	38,458

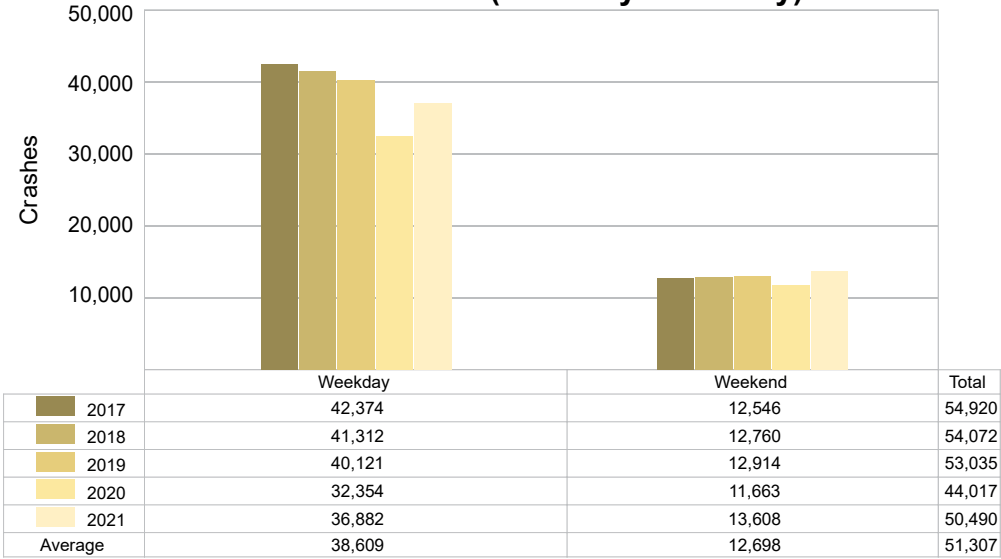
2021 Day of Week and Severity



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	42,374	95	41,312	103	40,121	94	32,354	147	36,882	122
Weekend	12,546	50	12,760	50	12,914	57	11,663	87	13,608	80
Total	54,920	145	54,072	153	53,035	151	44,017	234	50,490	202

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

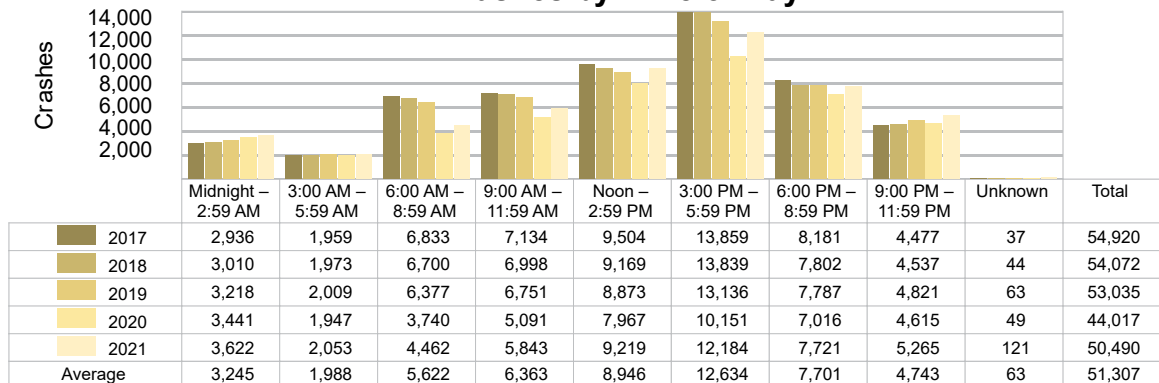


5-Year Trend - Crashes by Time of Day

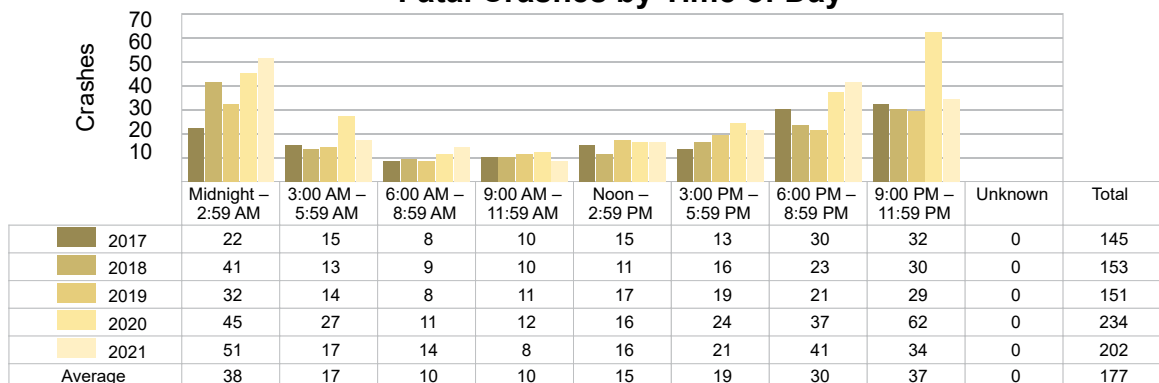
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	2,936	22	3,010	41	3,218	32	3,441	45	3,622	51
3:00 AM – 5:59 AM	1,959	15	1,973	13	2,009	14	1,947	27	2,053	17
6:00 AM – 8:59 AM	6,833	8	6,700	9	6,377	8	3,740	11	4,462	14
9:00 AM – 11:59 AM	7,134	10	6,998	10	6,751	11	5,091	12	5,843	8
Noon – 2:59 PM	9,504	15	9,169	11	8,873	17	7,967	16	9,219	16
3:00 PM – 5:59 PM	13,859 †	13	13,839 †	16	13,136 †	19	10,151 †	24	12,184 †	21
6:00 PM – 8:59 PM	8,181	30	7,802	23	7,787	21	7,016	37	7,721	41
9:00 PM – 11:59 PM	4,477	32	4,537	30	4,821	29	4,615	62	5,265	34
Unknown	37	0	44	0	63	0	49	0	121	0
Total	54,920	145	54,072	153	53,035	151	44,017	234	50,490	202

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

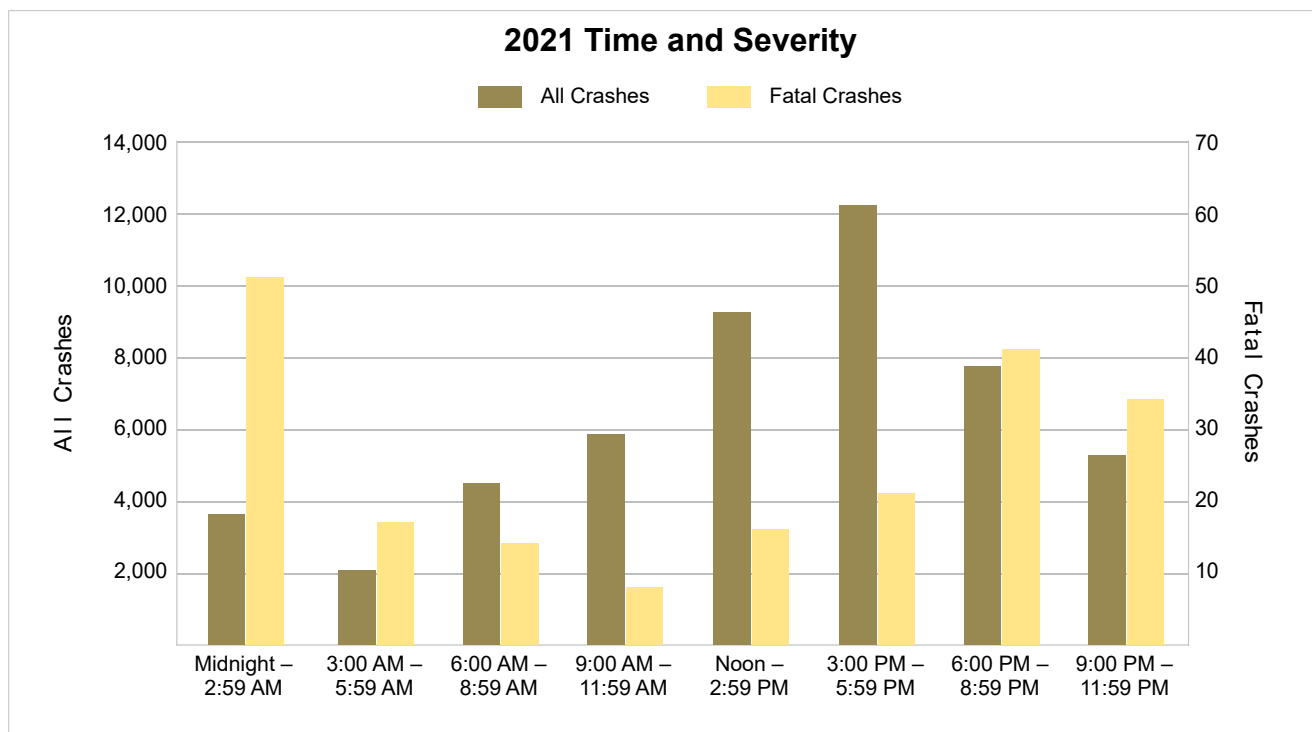


5-Year Trend Fatal Crashes by Time of Day



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	3,622	7.2	51	25.2	119	306	601	2,545
3:00 AM – 5:59 AM	2,053	4.1	17	8.4	63	141	270	1,562
6:00 AM – 8:59 AM	4,462	8.8	14	6.9	57	244	563	3,584
9:00 AM – 11:59 AM	5,843	11.6	8	4.0	85	371	811	4,568
Noon – 2:59 PM	9,219	18.3	16	7.9	148	595	1,394	7,066
3:00 PM – 5:59 PM	12,184	24.1	21	10.4	170	728	1,787	9,478
6:00 PM – 8:59 PM	7,721	15.3	41	20.3	151	601	1,190	5,738
9:00 PM – 11:59 PM	5,265	10.4	34	16.8	168	414	841	3,808
Unknown	121	0.2	0	0.0	2	2	8	109
Total	50,490	100.0	202	100.0	963	3,402	7,465	38,458

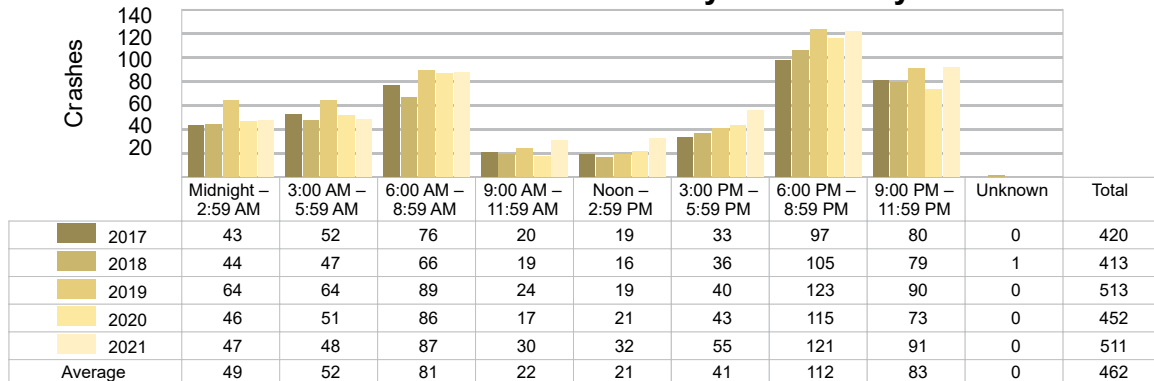


5-Year Trend - Deer-Involved Crashes by Time of Day

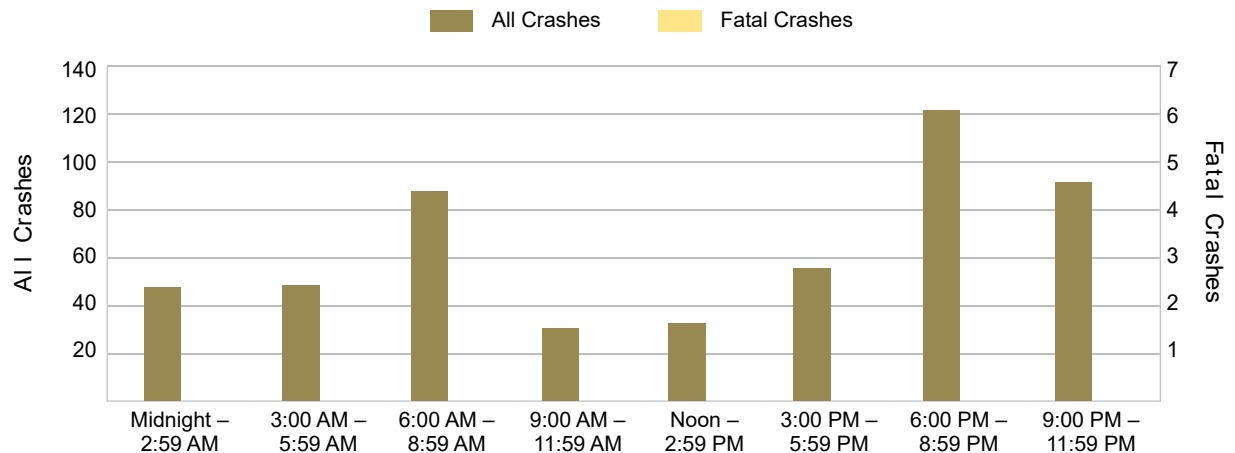
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	43	0	44	0	64	0	46	0	47	0
3:00 AM – 5:59 AM	52	0	47	0	64	0	51	0	48	0
6:00 AM – 8:59 AM	76	0	66	0	89	0	86	0	87	0
9:00 AM – 11:59 AM	20	0	19	0	24	0	17	0	30	0
Noon – 2:59 PM	19	0	16	0	19	0	21	0	32	0
3:00 PM – 5:59 PM	33	0	36	0	40	0	43	0	55	0
6:00 PM – 8:59 PM	97 †	0	105 †	0	123 †	0	115 †	0	121 †	0
9:00 PM – 11:59 PM	80	0	79	0	90	0	73	1	91	0
Unknown	0	0	1	0	0	0	0	0	0	0
Total	420	0	413	0	513	0	452	1	511	0

Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period.

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



2021 Time and Severity of Deer-Involved Crashes

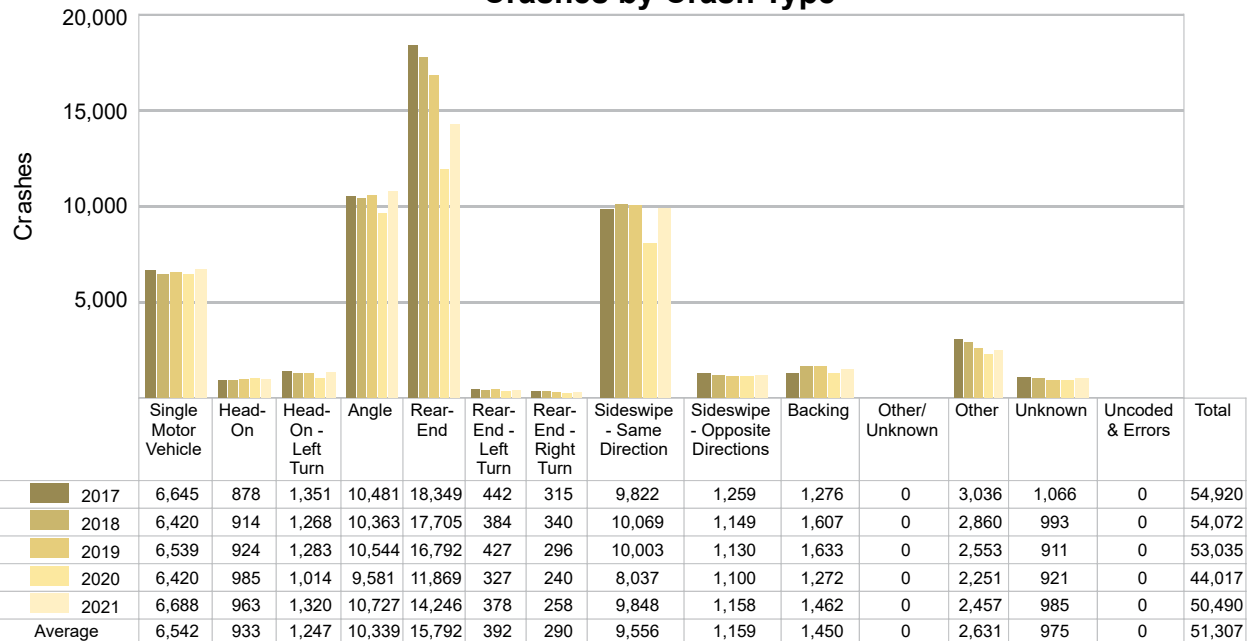


There were no fatal deer-involved crashes in Wayne County in 2021.

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	6,645	65	6,420	82	6,539	69	6,420	108	6,688	91
Head-On	878	15	914	7	924	10	985	10	963	20
Head-On - Left Turn	1,351	4	1,268	3	1,283	5	1,014	8	1,320	8
Angle	10,481	28	10,363	24	10,544	38	9,581	55	10,727	34
Rear-End	18,349	13	17,705	11	16,792	11	11,869	22	14,246	17
Rear-End - Left Turn	442	0	384	0	427	0	327	1	378	1
Rear-End - Right Turn	315	0	340	0	296	0	240	0	258	0
Sideswipe - Same Direction	9,822	7	10,069	6	10,003	5	8,037	10	9,848	13
Sideswipe - Opposite Directions	1,259	2	1,149	1	1,130	0	1,100	5	1,158	0
Backing	1,276	0	1,607	0	1,633	0	1,272	0	1,462	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	3,036	10	2,860	17	2,553	13	2,251	12	2,457	16
Unknown	1,066	1	993	2	911	0	921	3	985	2
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	54,920	145	54,072	153	53,035	151	44,017	234	50,490	202

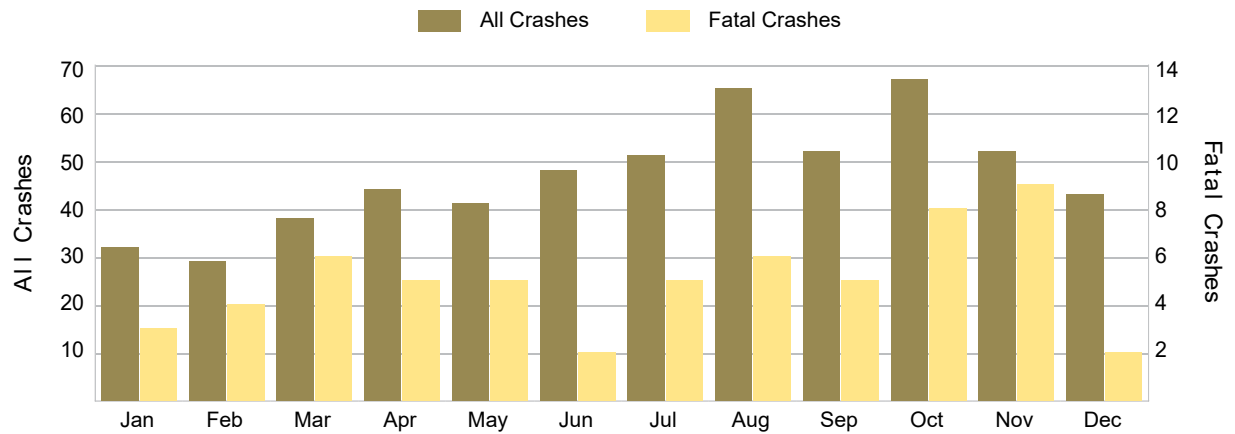
**5-Year Trend
Crashes by Crash Type**



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	55	5	64	2	57	2	53	1	32	3
February	41	5	65	3	50	2	49	6	29	4
March	52	2	47	1	50	7	45	5	38	6
April	50	4	46	3	57	2	24	5	44	5
May	60	2	57	2	68	1	36	5	41	5
June	62	3	65	6	52	4	55	4	48	2
July	66	4	52	3	63	1	50	2	51	5
August	53	4	55	8	60	2	56	6	65	6
September	59	3	81	6	70	2	63	5	52	5
October	69	1	79	6	78	3	41	4	67	8
November	62	1	78	5	66	2	37	6	52	9
December	59	4	82	5	61	5	46	4	43	2
Total	688	38	771	50	732	33	555	53	562	60

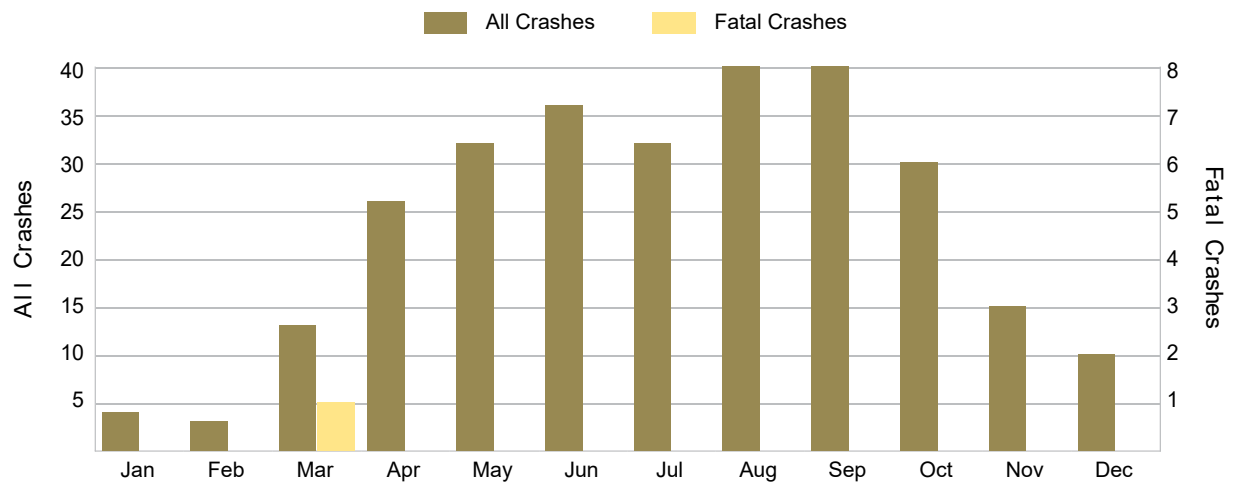
2021 Pedestrian-Involved Crashes by Month



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	5	0	7	0	11	1	4	0
February	14	0	10	0	3	0	12	0	3	0
March	10	0	8	0	13	1	6	0	13	1
April	24	0	14	0	25	1	10	2	26	0
May	35	0	38	0	37	0	31	1	32	0
June	55	0	52	0	63	2	47	0	36	0
July	68	0	62	0	45	0	50	2	32	0
August	68	0	51	1	60	0	54	5	40	0
September	67	0	65	1	49	0	47	0	40	0
October	35	0	38	0	38	1	25	0	30	0
November	28	0	15	0	17	0	15	0	15	0
December	14	1	10	0	8	0	3	1	10	0
Total	428	1	368	2	365	5	311	12	281	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	
Allen Park	698	2	128	568	110	0	260	326	31	4	3	3	2	
Belleville	59	0	8	51	0	0	0	59	3	0	0	1	1	
Brownstown Twp.	662	0	142	520	89	157	30	385	33	8	38	0	2	
Canton Twp.	1,756	3	387	1,366	183	243	545	783	57	13	67	14	10	
Dearborn	2,935	10	666	2,259	89	736	694	1,408	73	28	14	28	18	
Dearborn Heights	1,204	4	261	939	0	284	271	649	39	9	4	17	9	
Detroit	25,156	136	6,378	18,642	3,739	399	5,381	15,578	540	120	13	369	118	
Ecorse	210	0	24	186	0	0	0	210	11	0	0	1	0	
Flat Rock	157	0	25	132	0	67	0	90	7	4	8	0	1	
Garden City	445	0	97	348	0	0	176	269	25	12	1	3	1	
Gibraltar	57	0	12	45	0	0	11	46	2	1	15	0	2	
Grosse Ile Twp.	77	0	4	73	0	0	0	76	7	1	24	0	0	
Grosse Pointe	74	0	11	63	0	0	0	74	2	1	0	1	2	
Grosse Pointe Farms	158	0	31	127	0	0	0	158	8	2	0	0	4	
Grosse Pointe Park	82	0	13	69	0	0	0	82	9	4	0	1	3	
Grosse Pointe Twp.	0	0	0	0	0	0	0	0	0	0	0	0	0	
Grosse Pointe Woods	174	0	25	149	0	0	0	174	6	4	0	2	2	
Hamtramck	464	0	93	371	84	0	0	380	25	3	0	14	9	
Harper Woods	301	1	91	209	102	0	50	149	9	4	0	3	2	
Highland Park	313	2	103	208	0	0	158	154	16	2	0	6	2	
Huron Twp.	304	0	73	231	61	0	0	242	19	5	34	1	1	
Inkster	317	2	104	211	0	92	0	222	18	5	2	9	6	
Lincoln Park	1,084	1	211	872	112	0	376	596	44	13	2	8	11	
Livonia	2,929	6	661	2,262	680	0	310	1,933	86	29	43	11	13	
Melvindale	187	1	27	159	8	0	0	178	7	4	0	1	2	
Northville	80	0	11	69	0	0	0	80	0	0	2	3	0	
Northville Twp.	354	0	90	264	6	0	0	348	11	1	29	2	2	
Plymouth	236	0	37	199	0	0	69	167	9	2	3	6	2	
Plymouth Twp.	916	1	179	736	190	0	327	399	22	8	36	2	1	
Redford Twp.	1,025	4	182	839	114	262	120	528	37	7	1	8	5	
River Rouge	26	0	4	22	0	0	0	26	4	1	0	0	0	
Riverview	111	2	27	82	0	0	45	66	7	2	0	1	1	
Rockwood	56	0	15	41	19	0	3	33	2	1	6	0	0	
Romulus	1,197	7	273	917	292	0	0	904	53	17	28	7	1	
Southgate	671	2	148	521	50	0	105	516	25	10	3	5	4	
Sumpter Twp.	77	1	12	64	0	0	0	77	6	1	14	0	0	
Taylor	2,006	5	459	1,542	211	520	0	1,274	59	18	27	10	10	
Trenton	328	1	71	256	0	0	127	201	27	7	9	0	2	
Van Buren Twp.	793	6	168	619	201	31	0	561	19	11	43	2	1	
Village of Grosse Pointe Shores	27	0	4	23	0	0	0	27	4	1	0	0	0	
Wayne	409	3	97	309	0	176	0	233	19	12	5	5	4	
Westland	1,526	2	341	1,183	0	36	219	1,271	79	24	29	14	10	
Woodhaven	410	0	71	339	62	0	0	346	3	3	8	2	5	
Wyandotte	439	0	66	373	0	0	73	366	28	6	0	2	12	
Total	50,490	202	11,830	38,458	6,402	3,003	9,350	31,644	1,491	408	511	562	281	

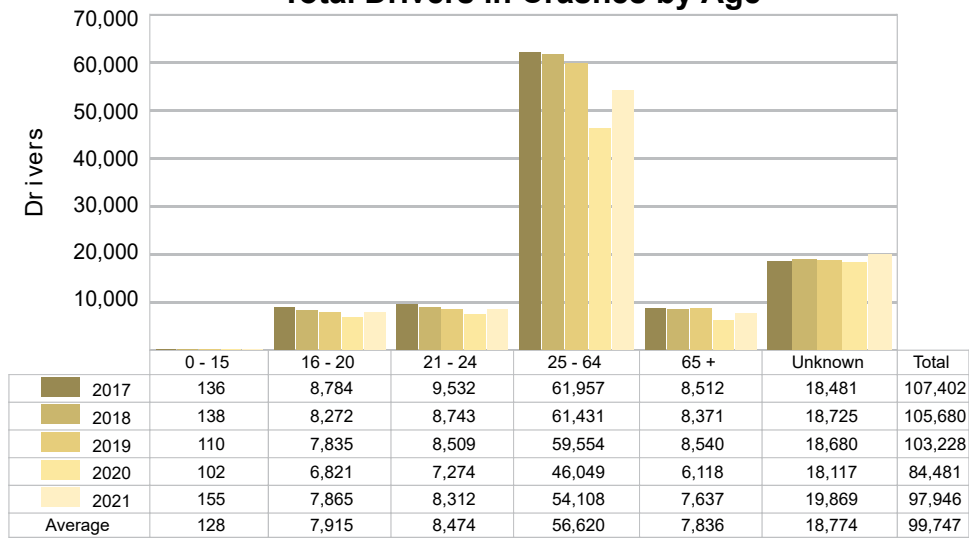
2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Allen Park	3	24	84	194	1,133	172
Belleville	0	0	6	10	110	13
Brownstown Twp.	0	51	123	232	1,152	97
Canton Twp.	3	32	434	599	3,242	284
Dearborn	11	86	633	1,092	5,192	857
Dearborn Heights	4	74	400	295	2,131	517
Detroit	149	1,529	3,751	12,131	36,459	14,012
Ecorse	0	5	16	40	257	168
Flat Rock	0	7	10	48	297	27
Garden City	0	31	108	132	817	171
Gibraltar	0	8	15	14	100	6
Grosse Ile Twp.	0	0	2	11	124	10
Grosse Pointe	0	0	10	15	110	38
Grosse Pointe Farms	0	3	30	42	273	83
Grosse Pointe Park	0	4	15	13	119	34
Grosse Pointe Twp.	0	0	0	0	0	0
Grosse Pointe Woods	0	6	27	25	279	87
Hamtramck	0	10	80	149	693	315
Harper Woods	1	16	87	135	464	108
Highland Park	2	21	34	230	496	99
Huron Twp.	0	33	48	64	489	26
Inkster	2	31	90	132	481	119
Lincoln Park	1	42	199	298	1,788	361
Livonia	6	67	732	1,028	5,519	589
Melvindale	1	2	51	24	302	81
Northville	0	2	8	18	160	28
Northville Twp.	0	25	104	119	700	47
Plymouth	0	8	29	55	442	60
Plymouth Twp.	1	22	157	286	1,615	105
Redford Twp.	4	27	214	253	1,722	420
River Rouge	0	0	0	13	43	12
Riverview	2	8	13	65	231	28
Rockwood	0	0	8	20	83	10
Romulus	9	70	223	348	1,858	272
Southgate	2	15	86	277	1,261	171
Sumpter Twp.	1	4	15	3	103	9
Taylor	5	75	403	710	3,373	505
Trenton	1	22	42	123	601	81
Van Buren Twp.	6	50	204	166	1,369	119
Village of Grosse Pointe Shores	0	0	0	12	58	6
Wayne	3	37	94	94	596	129
Westland	2	55	328	558	2,871	417
Woodhaven	0	7	39	133	713	69
Wyandotte	0	17	50	116	689	222
Total	219	2,526	9,002	20,322	80,515	20,984

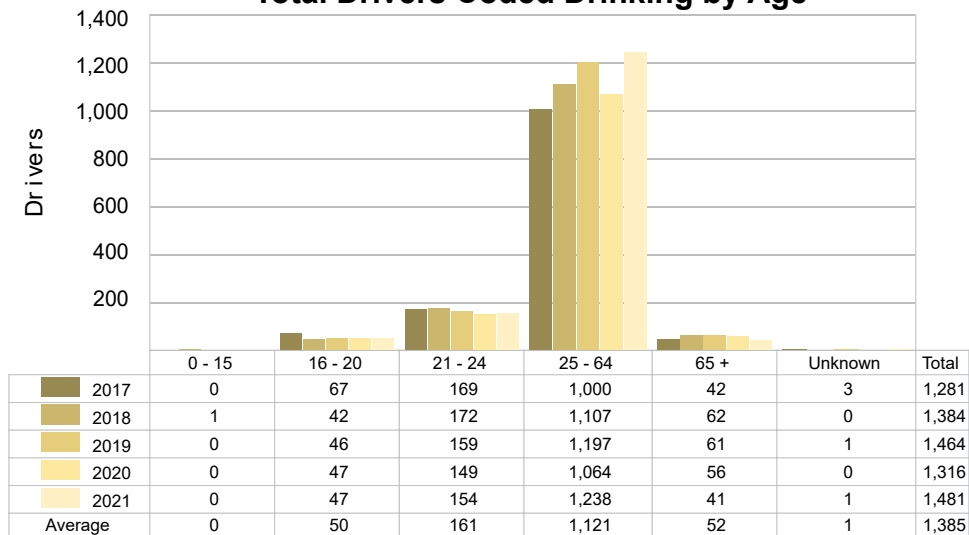
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	136	0	138	1	110	0	102	0	155	0
16 - 20	8,784	67	8,272	42	7,835	46	6,821	47	7,865	47
21 - 24	9,532	169	8,743	172	8,509	159	7,274	149	8,312	154
25 - 64	61,957	1,000	61,431	1,107	59,554	1,197	46,049	1,064	54,108	1,238
65 +	8,512	42	8,371	62	8,540	61	6,118	56	7,637	41
Unknown	18,481	3	18,725	0	18,680	1	18,117	0	19,869	1
Total	107,402	1,281	105,680	1,384	103,228	1,464	84,481	1,316	97,946	1,481

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	2	1	0	0	0	0	0	0	0
16 - 20	112	59	39	47	0	5	18	6	18
21 - 24	239	149	132	154	0	5	41	46	62
25 - 64	1,865	1,226	1,039	1,238	2	41	244	424	527
65 +	113	46	34	41	0	2	16	8	15
Unknown	384	1	0	1	0	0	0	0	1
Total	2,715	1,482	1,244	1,481	2	53	319	484	623

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).

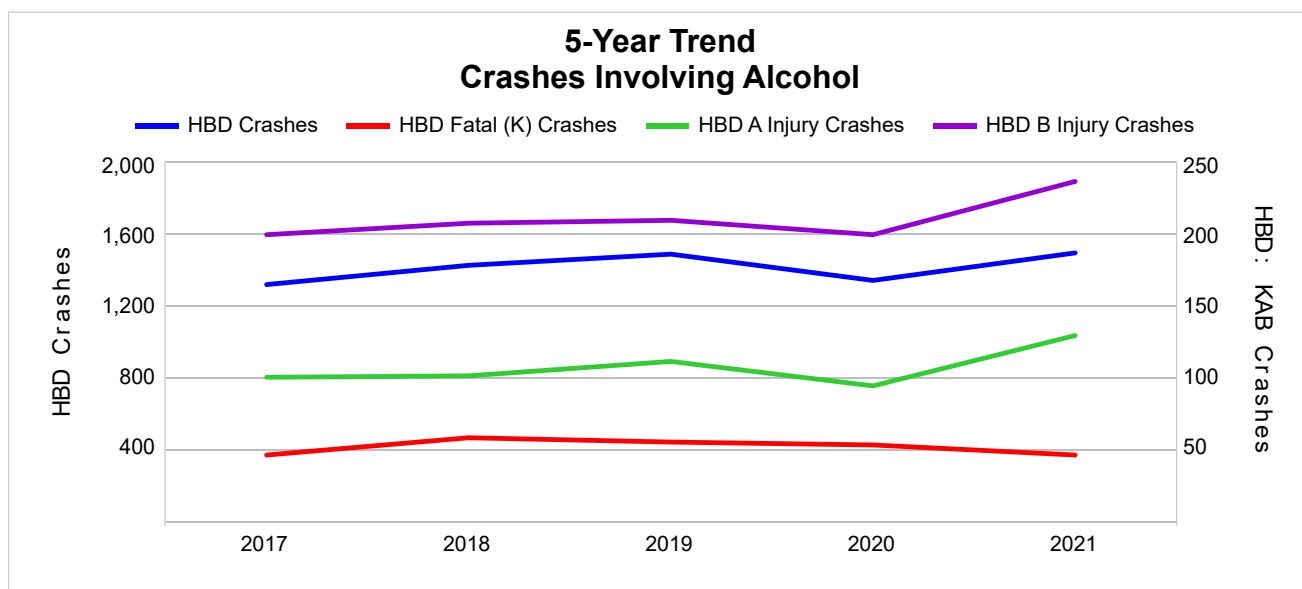
A driver may be coded by the officer as drinking even though no test is administered.

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	54,920	1,315	2.4	145	46	31.7	852	100	11.7	3,030	199	6.6
2018	54,072	1,422	2.6	153	58	37.9	781	101	12.9	2,969	207	7.0
2019	53,035	1,484	2.8	151	55	36.4	815	111	13.6	3,074	209	6.8
2020	44,017	1,338	3.0	234	53	22.6	836	94	11.2	2,953	199	6.7
2021	50,490	1,491 **	3.0	202	46	22.8	963 **	129 **	13.4	3,402 **	236 **	6.9

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.



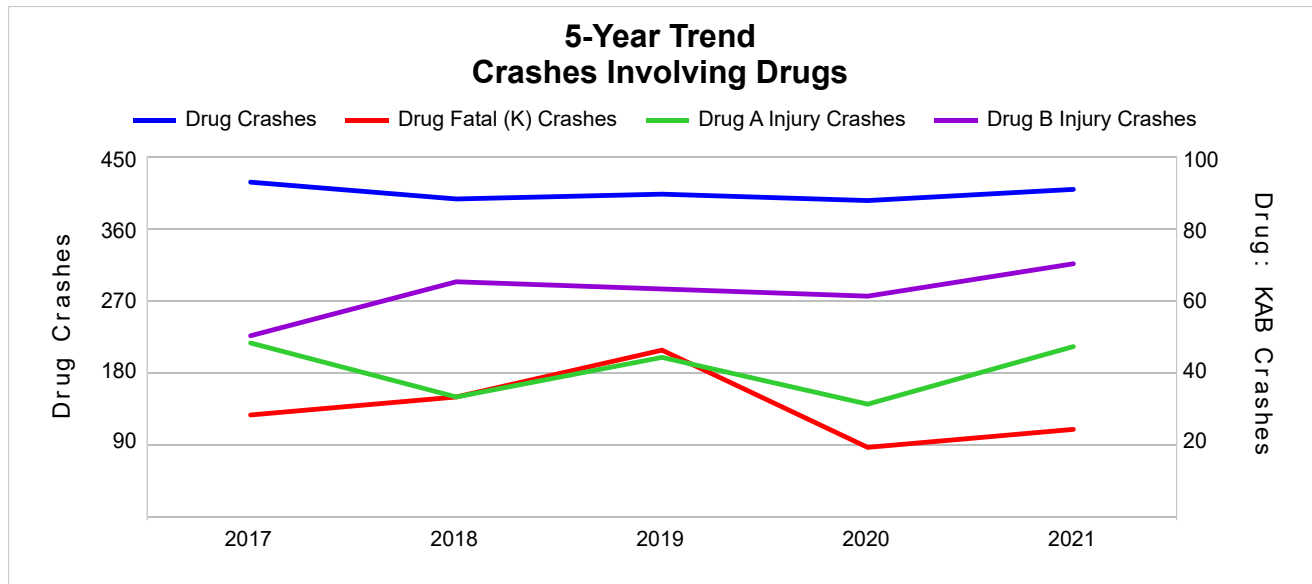
Note: Had-Been-Drinking (HBD)

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	54,920	417	0.8	145	28	19.3	852	48	5.6	3,030	50	1.7
2018	54,072	396	0.7	153	33	21.6	781	33	4.2	2,969	65	2.2
2019	53,035	402	0.8	151	46	30.5	815	44	5.4	3,074	63	2.0
2020	44,017	394	0.9	234	19	8.1	836	31	3.7	2,953	61	2.1
2021	50,490	408	0.8	202	24	11.9	963 **	47	4.9	3,402 **	70 **	2.1

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.

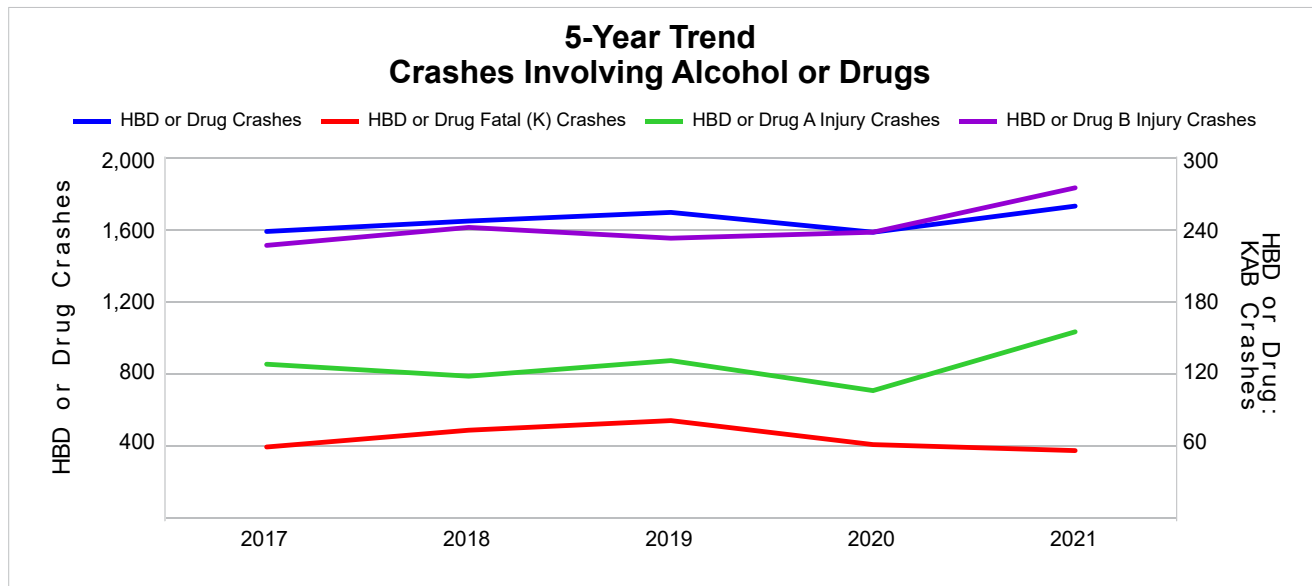


5-Year Trend - Crashes Involving Alcohol or Drugs

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	54,920	1,584	2.9	145	58	40.0	852	127	14.9	3,030	226	7.5
2018	54,072	1,642	3.0	153	72	47.1	781	117	15.0	2,969	241	8.1
2019	53,035	1,690	3.2	151	80	53.0	815	130	16.0	3,074	232	7.5
2020	44,017	1,580	3.6	234	60	25.6	836	105	12.6	2,953	237	8.0
2021	50,490	1,725 **	3.4	202	55 *	27.2	963 **	154 **	16.0 **	3,402 **	274 **	8.1

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	84,750	57,224	67.5	105	28	26.7	808	436	54.0	3,486	2,687	77.1	10,174	7,713	75.8	56,747	46,358	81.7
Motor Home	132	89	67.4	0	0	0.0	1	1	100.0	1	0	0.0	13	10	76.9	94	78	83.0
Pickup Truck	6,411	4,797	74.8	3	1	33.3	42	23	54.8	162	139	85.8	441	374	84.8	4,789	4,260	89.0
Small Truck Under 10,000 lbs. GVWR	367	230	62.7	0	0	0.0	3	2	66.7	6	3	50.0	20	20	100.0	246	205	83.3
Motorcycle	648	304	46.9	30	10	33.3	131	57	43.5	186	94	50.5	133	68	51.1	133	75	56.4
Moped/Goped	137	16	11.7	7	0	0.0	29	3	10.3	52	6	11.5	25	3	12.0	11	4	36.4
Go-Cart/Golf Cart	3	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	2	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)	63	4	6.3	7	1	14.3	13	0	0.0	14	0	0.0	11	1	9.1	13	2	15.4
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	349	140	40.1	0	0	0.0	11	2	18.2	16	5	31.3	29	11	37.9	180	122	67.8
Truck/Bus (over 10,000 lbs. GVWR/ 8+ occupants/ hazmat placard)	3,382	2,632	77.8	4	0	0.0	8	2	25.0	51	31	60.8	139	64	46.0	2,907	2,535	87.2
Uncoded & Errors	5,989	15	0.3	0	0	0.0	0	0	0.0	3	0	0.0	5	3	60.0	25	12	48.0
Total	102,231	65,451	64.0	156	40	25.6	1,046	526	50.3	3,978	2,965	74.5	10,990	8,267	75.2	65,147	53,651	82.4

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	1,158	804	69.4	5	3	60.0	41	12	29.3	183	105	57.4	822	616	74.9	100	68	68.0
16 - 20	8,512	6,935	81.5	18	5	27.8	117	50	42.7	463	335	72.4	1,217	887	72.9	6,615	5,658	85.5
21 - 24	8,776	6,903	78.7	19	5	26.3	120	60	50.0	481	349	72.6	1,207	883	73.2	6,838	5,606	82.0
25 - 64	56,021	44,138	78.8	107	21	19.6	694	349	50.3	2,535	1,889	74.5	6,800	5,082	74.7	44,986	36,795	81.8
65 +	7,891	6,663	84.4	7	6	85.7	74	55	74.3	315	287	91.1	938	797	85.0	6,448	5,518	85.6
Unknown	19,873	8	0.0	0	0	0.0	0	0	0.0	1	0	0.0	6	2	33.3	160	6	3.8
Total	102,231	65,451	64.0	156	40	25.6	1,046	526	50.3	3,978	2,965	74.5	10,990	8,267	75.2	65,147	53,651	82.4

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	166	0	27	135	0	24	142	0	25	151	1	48	191	0	56
Shoulder Belt Only Used	680	1	87	481	0	80	534	2	89	487	0	85	574	0	84
Lap Belt Only Used	165	1	15	104	0	20	125	0	23	83	0	15	106	1	11
Both Lap & Shoulder Belt Used	77,677	26	9,655	74,816	23	9,156	71,351	18	9,261	52,541	27	7,452	61,602	22	8,618
No Belts Used	610	13	222	542	22	200	569	21	220	628	30	248	728	31	282
Child Restraint Used - Forward Facing	3	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	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Restraint Failure	23	0	8	17	0	4	19	0	3	23	0	3	30	0	3
Restraint Use Unknown	25,004	30	1,164	26,968	23	1,474	27,793	27	1,575	28,049	40	1,996	31,158	30	2,174
Helmet Worn	297	7	209	256	5	193	278	15	192	272	16	197	308	10	218
Helmet Not Worn	164	8	125	194	12	148	231	13	170	292	22	220	296	17	239
Helmet Use Unknown	56	4	36	68	2	44	58	4	35	77	6	53	114	13	73
Uncoded & Errors	2,553	0	0	2,099	0	0	2,127	0	0	1,878	0	1	2,839	0	3
Total	107,402	90	11,548	105,680	87	11,343	103,228	100	11,593	84,481	142	10,318	97,946	124	11,761

5-Year Trend - Restraint Use Among Drivers Coded Drinking

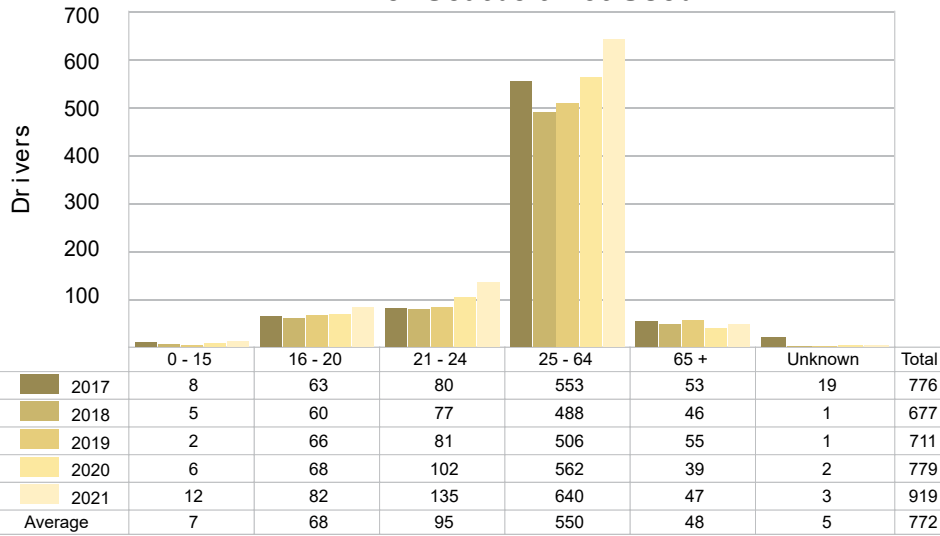
Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	4	0	0	6	0	3	0	0	0	5	0	2	2	0	1
Shoulder Belt Only Used	6	0	2	5	0	1	4	0	2	4	0	2	7	0	2
Lap Belt Only Used	1	0	0	3	0	1	1	0	1	0	0	0	3	0	1
Both Lap & Shoulder Belt Used	891	7	220	943	3	238	944	3	240	793	3	188	919	5	255
No Belts Used	60	3	31	61	5	38	88	8	48	85	6	53	95	5	54
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	1	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	2	0	0	2	0	0
Restraint Use Unknown	297	10	91	337	13	113	386	8	124	399	4	129	423	5	148
Helmet Worn	8	0	8	4	1	2	10	7	3	6	1	3	9	0	8
Helmet Not Worn	9	1	8	22	5	14	29	7	21	22	2	17	19	3	14
Helmet Use Unknown	2	0	0	3	0	2	2	0	1	0	0	0	2	0	2
Uncoded & Errors	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,281	21	360	1,384	27	412	1,464	33	440	1,316	16	394	1,481	18	485

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	8	0	1	5	0	3	2	0	0	6	0	5	12	1	7
16 - 20	63	2	25	60	4	27	66	1	25	68	1	26	82	1	39
21 - 24	80	3	28	77	1	28	81	2	35	102	8	50	135	7	53
25 - 64	553	7	183	488	16	158	506	14	171	562	21	207	640	22	230
65 +	53	1	12	46	1	8	55	4	14	39	1	8	47	0	9
Unknown	19	0	0	1	0	0	1	0	0	2	0	0	3	0	0
Total	776	13	249	677	22	224	711	21	245	779	31	296	919	31	338

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

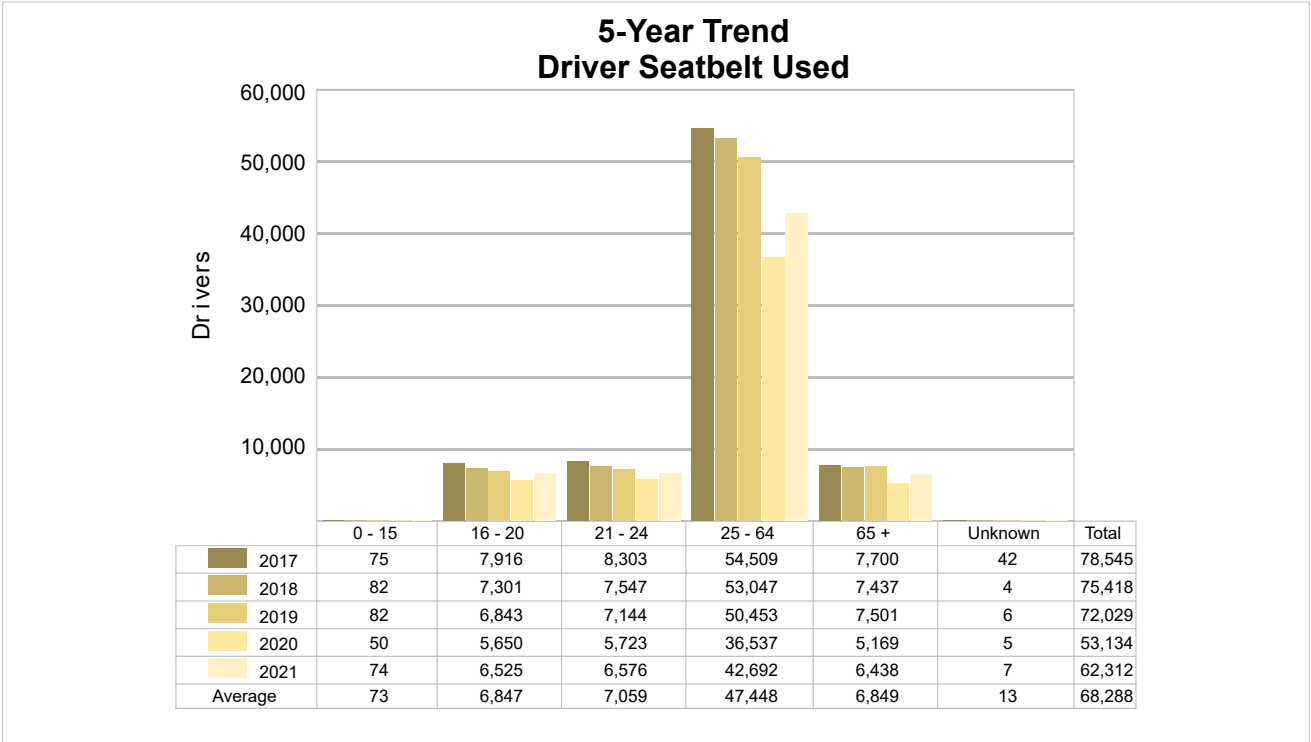
5-Year Trend Driver Seatbelt Not Used



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	75	0	7	82	0	9	82	0	6	50	0	8	74	0	7
16 - 20	7,916	3	920	7,301	1	835	6,843	1	819	5,650	0	804	6,525	3	867
21 - 24	8,303	0	1,066	7,547	1	975	7,144	0	1,009	5,723	2	867	6,576	1	975
25 - 64	54,509	20	6,787	53,047	16	6,426	50,453	15	6,550	36,537	18	5,136	42,692	14	5,946
65 +	7,700	5	983	7,437	5	1,014	7,501	4	992	5,169	7	740	6,438	5	920
Unknown	42	0	2	4	0	1	6	0	0	5	0	0	7	0	1
Total	78,545	28	9,765	75,418	23	9,260	72,029	20	9,376	53,134	27	7,555	62,312	23	8,716

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	48,083	96	46,545	87	45,805	96	35,795	140	42,260	104
Speed Too Fast	3,986	31	3,873	33	3,913	35	3,633	44	3,493	35
Speed Too Slow	30	0	34	0	32	0	26	0	25	0
Failed to Yield	8,036	5	7,904	11	7,872	10	6,129	17	7,466	17
Disregard Traffic Control	2,874	8	2,841	15	2,922	12	2,924	21	3,292	12
Drove Wrong Way	132	4	158	0	160	0	163	3	155	3
Drove Left of Center	413	5	369	7	399	7	400	3	367	6
Improper Passing	785	3	814	0	846	1	705	1	883	3
Improper Lane Use	3,833	3	3,803	2	3,926	2	2,961	4	3,773	4
Improper Turn	1,334	2	1,334	2	1,464	3	1,066	2	1,330	0
Improper/No Signal	77	0	81	0	78	0	51	0	72	0
Improper Backing	1,460	0	1,470	0	1,542	0	1,128	1	1,329	0
Unable to Stop in Assured Clear Distance	14,933	5	14,357	7	13,857	8	9,085	12	11,118	9
Other	3,430	15	3,339	11	3,252	12	2,698	21	3,132	23
Unknown	13,569	33	14,413	33	12,746	26	13,728	51	14,104	40
Reckless Driving	601	22	573	20	578	23	658	51	705	40
Careless/Negligent Driving	1,765	13	1,788	16	1,817	12	1,574	20	1,623	20
Uncoded & Errors	2,061	6	1,984	0	2,019	1	1,757	2	2,819	3
Total	107,402	251	105,680	244	103,228	248	84,481	393	97,946	319

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