



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

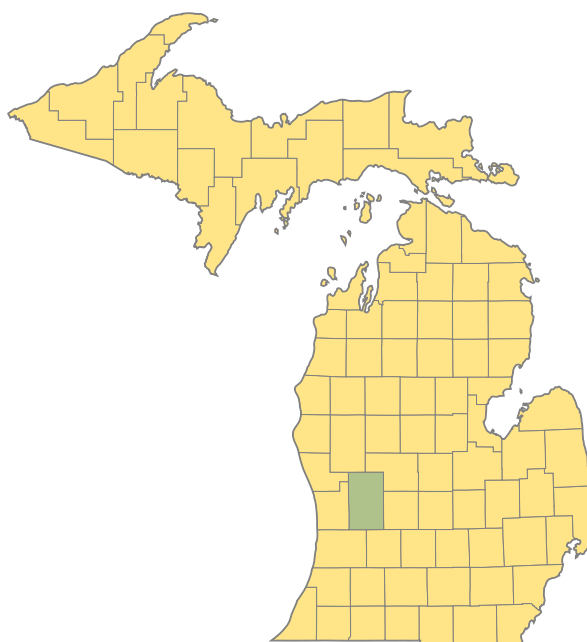
O = No Injury

Property Damage Only (PDO)



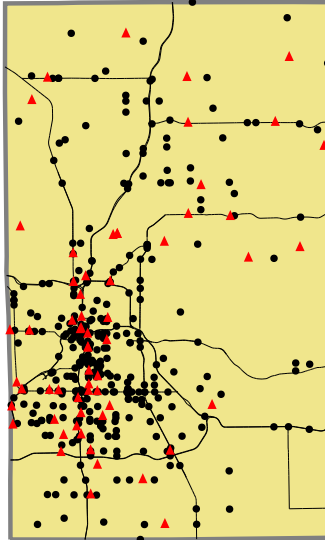
Kent County

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 (61/61)

● A - Suspected Serious (357/357)

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	1,525	4	265	1,256	4	355
February	1,728	5	264	1,459	5	337
March	1,350	5	270	1,075	5	373
April	1,349	5	285	1,059	7	402
May	1,702	5	325	1,372	5	432
June	1,723	2	357	1,364	2	494
July	1,549	6	347	1,196	6	466
August	1,662	7	356	1,299	8	502
September	1,762	12	393	1,357	13	523
October	2,002	4	386	1,612	5	514
November	2,018	2	383	1,633	2	533
December	1,721	4	313	1,404	4	401
Total	20,091	61	3,944	16,086	66	5,332

2021 - Driver Statistics

Age Group	Kent County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	139,649	3,429	60	4.3	175.0
16 - 20	42,299	29,774	4,263	1,007.8	1,431.8
21 - 24	36,298	31,776	3,924	1,081.1	1,234.9
25 - 64	345,889	314,050	20,881	603.7	664.9
65 +	92,820	89,404	3,008	324.1	336.5
Unknown	0	0	4,676	--	--
Total	656,955	468,433	36,812	560.3	785.9

*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	30,470	82.8	76	75.2	6,496	23,898
Motor Home	40	0.1	0	0.0	8	32
Pickup Truck	3,289	8.9	8	7.9	649	2,632
Small Truck Under 10,000 lbs. GVWR	126	0.3	0	0.0	21	105
Motorcycle	211	0.6	8	7.9	147	56
Moped/Goped	41	0.1	0	0.0	33	8
Go-Cart/Golf Cart	1	0.0	0	0.0	1	0
Snowmobile	1	0.0	0	0.0	0	1
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	10	0.0	0	0.0	6	4
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	83	0.2	0	0.0	19	64
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	1,143	3.1	7	6.9	189	947
Uncoded & Errors	1,397	3.8	2	2.0	115	1,280
Total	36,812	100.0	101	100.0	7,684	29,027

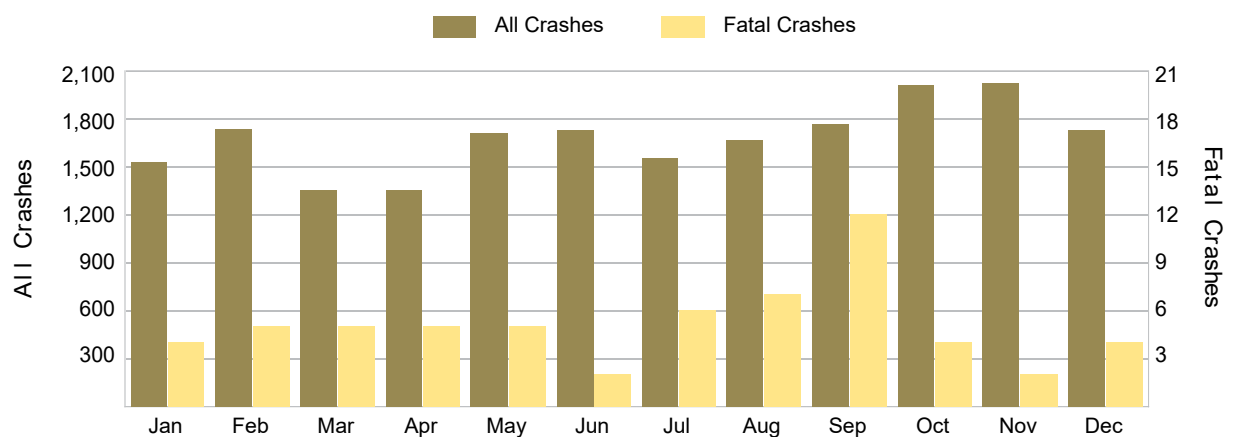
5-Year Trend - Crashes by Month

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	1,941	4	2,096	8	2,496	1	1,678	4	1,525	4
February	1,542	6	1,791	3	2,055	0	1,695	6	1,728	5
March	1,750	9	1,513	2	1,733	4	958	2	1,350	5
April	1,582	4	1,749	5	1,599	4	676	2	1,349	5
May	1,775	5	1,758	9	1,740	4	1,025	8	1,702	5
June	1,758	6	1,698	4	1,739	4	1,352	6	1,723	2
July	1,679	2	1,571	4	1,614	7	1,472	6	1,549	6
August	1,707	7	1,712	9	1,702	6	1,521	6	1,662	7
September	1,744	8	1,772	9	1,845	2	1,617	4	1,762	12
October	2,338	4	2,302	2	2,368	7	1,904	3	2,002	4
November	1,945	9	2,361	2	2,230	5	1,637	6	2,018	2
December	2,951	1	1,984	4	1,970	3	1,521	2	1,721	4
Total	22,712	65	22,307	61	23,091	47	17,056	55	20,091	61

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	3,209	5	3,465	6	3,378	6	2,409	5	2,881	10
Tuesday	3,415	13	3,561	8	3,952	4	2,384	4	3,051	9
Wednesday	3,588	11	3,473	9	3,703	8	2,621	9	2,894	8
Thursday	3,544	11	3,180	8	3,435	5	2,789	8	3,040	8
Friday	3,937	8	3,793	7	3,741	12	2,801	9	3,448	8
Saturday	2,985	12	2,695	7	2,618	8	2,290	11	2,715	10
Sunday	2,034	5	2,140	16	2,264	4	1,762	9	2,062	8
Total	22,712	65	22,307	61	23,091	47	17,056	55	20,091	61

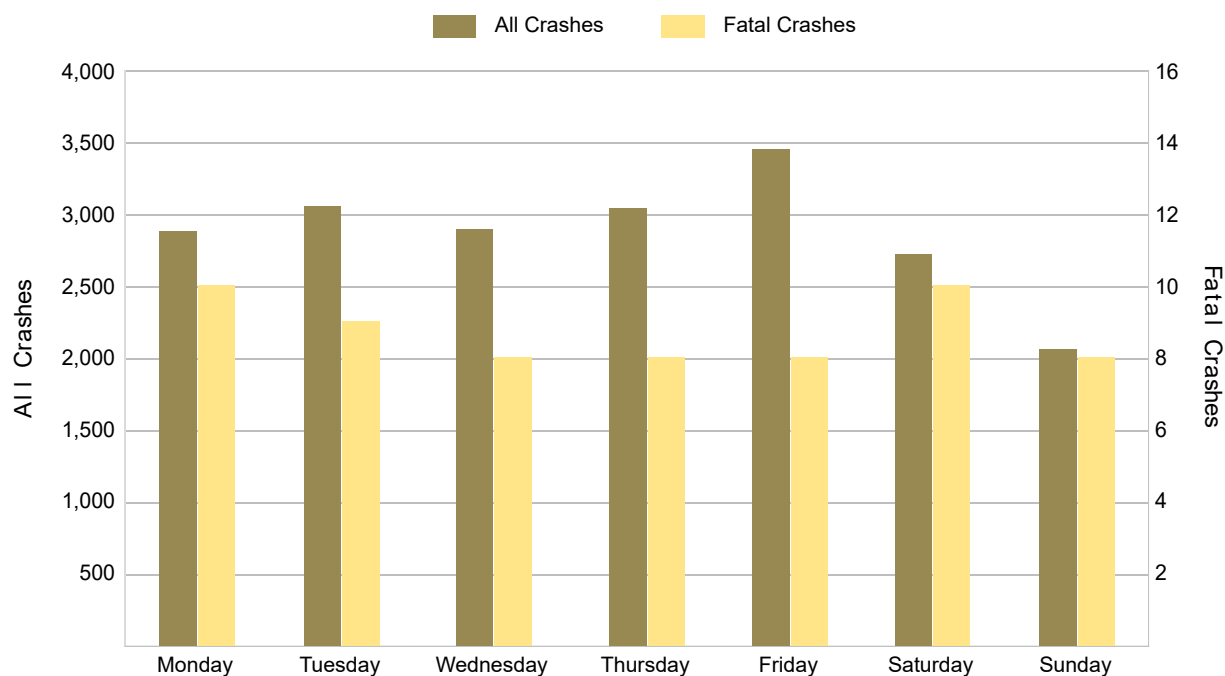
2021 Crashes by Month



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	2,881	14.3	10	16.4	54	161	376	2,280
Tuesday	3,051	15.2	9	14.8	44	158	401	2,439
Wednesday	2,894	14.4	8	13.1	47	141	379	2,319
Thursday	3,040	15.1	8	13.1	38	142	380	2,472
Friday	3,448	17.2	8	13.1	66	189	398	2,787
Saturday	2,715	13.5	10	16.4	65	158	328	2,154
Sunday	2,062	10.3	8	13.1	43	135	241	1,635
Total	20,091	100.0	61	100.0	357	1,084	2,503	16,086

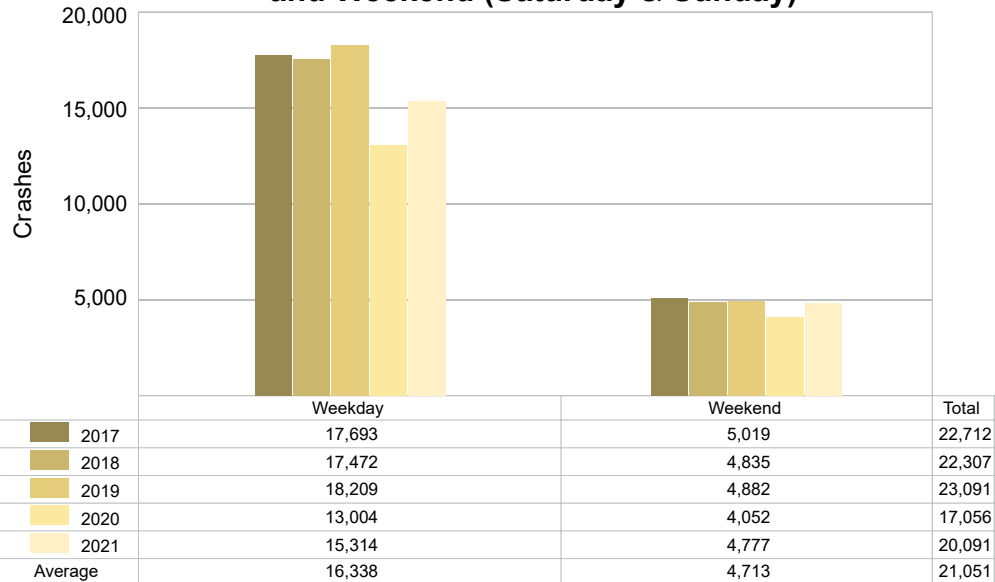
2021 Day of Week and Severity



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	17,693	48	17,472	38	18,209	35	13,004	35	15,314	43
Weekend	5,019	17	4,835	23	4,882	12	4,052	20	4,777	18
Total	22,712	65	22,307	61	23,091	47	17,056	55	20,091	61

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

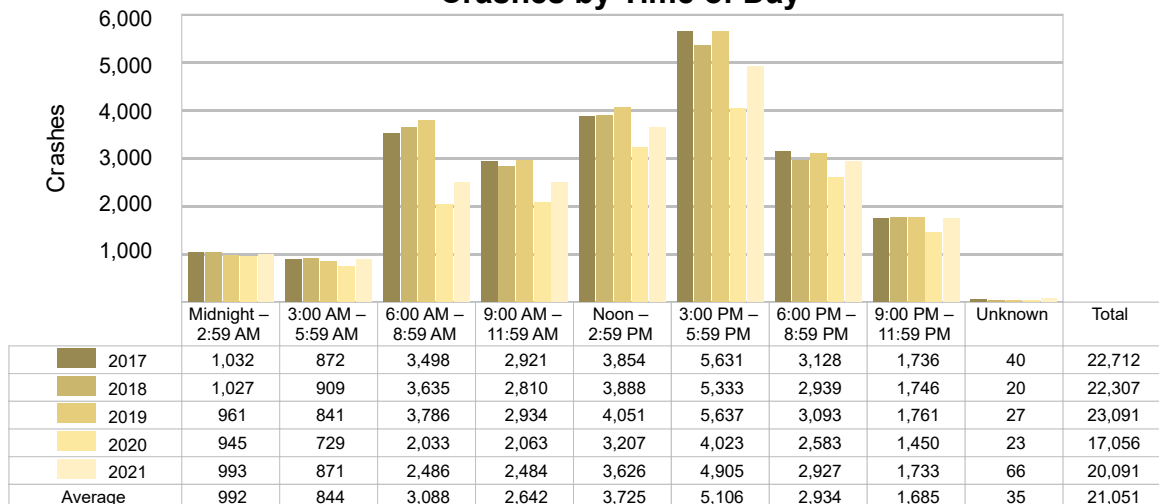


5-Year Trend - Crashes by Time of Day

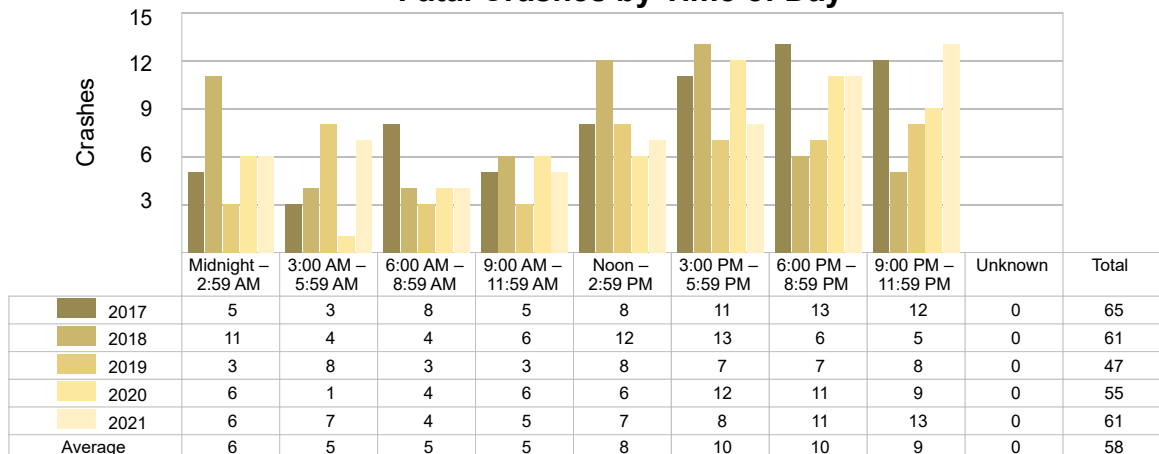
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	1,032	5	1,027	11	961	3	945	6	993	6
3:00 AM – 5:59 AM	872	3	909	4	841	8	729	1	871	7
6:00 AM – 8:59 AM	3,498	8	3,635	4	3,786	3	2,033	4	2,486	4
9:00 AM – 11:59 AM	2,921	5	2,810	6	2,934	3	2,063	6	2,484	5
Noon – 2:59 PM	3,854	8	3,888	12	4,051	8	3,207	6	3,626	7
3:00 PM – 5:59 PM	5,631 †	11	5,333 †	13	5,637 †	7	4,023 †	12	4,905 †	8
6:00 PM – 8:59 PM	3,128	13	2,939	6	3,093	7	2,583	11	2,927	11
9:00 PM – 11:59 PM	1,736	12	1,746	5	1,761	8	1,450	9	1,733	13
Unknown	40	0	20	0	27	0	23	0	66	0
Total	22,712	65	22,307	61	23,091	47	17,056	55	20,091	61

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

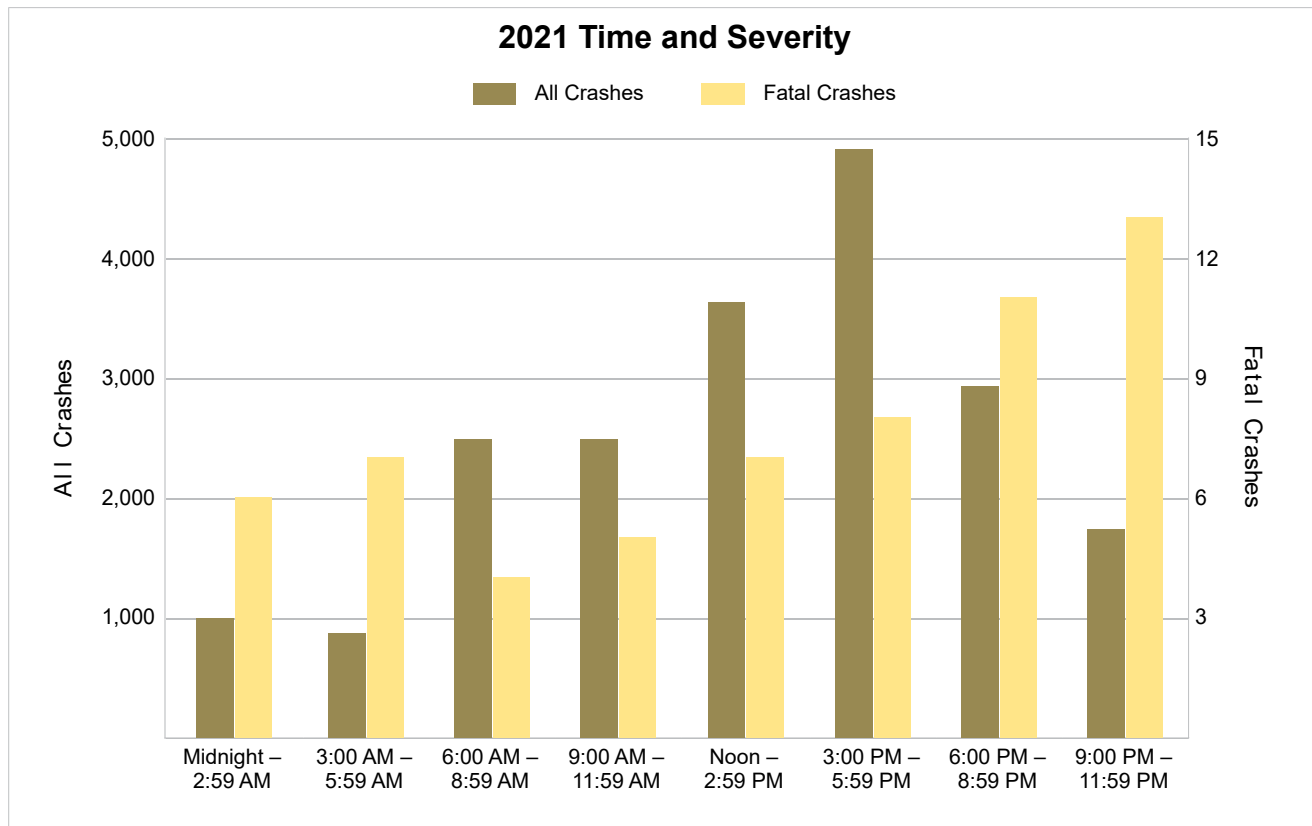


5-Year Trend Fatal Crashes by Time of Day



2021 - Time and Severity

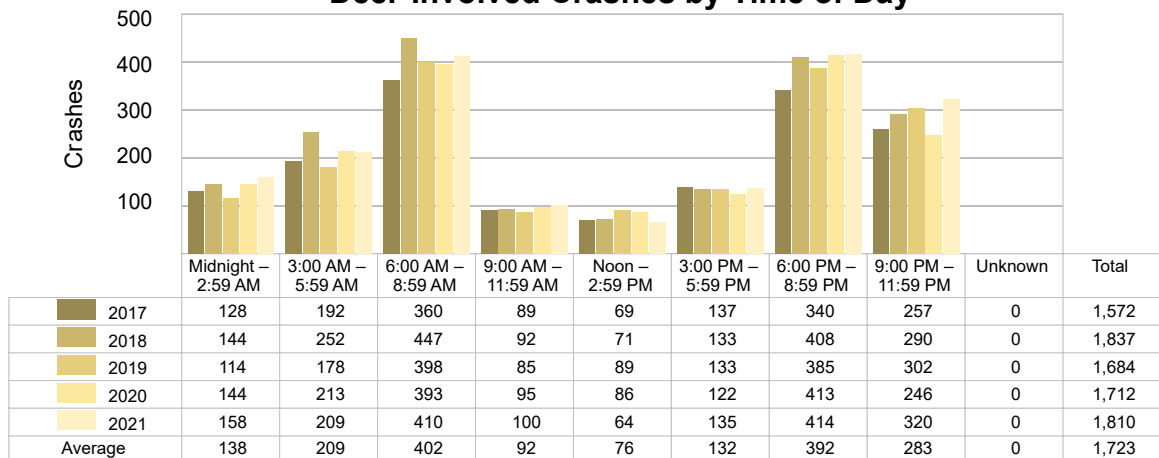
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	993	4.9	6	9.8	25	76	98	788
3:00 AM – 5:59 AM	871	4.3	7	11.5	17	49	83	715
6:00 AM – 8:59 AM	2,486	12.4	4	6.6	20	125	275	2,062
9:00 AM – 11:59 AM	2,484	12.4	5	8.2	37	137	297	2,008
Noon – 2:59 PM	3,626	18.0	7	11.5	62	197	508	2,852
3:00 PM – 5:59 PM	4,905	24.4	8	13.1	78	275	689	3,855
6:00 PM – 8:59 PM	2,927	14.6	11	18.0	64	145	349	2,358
9:00 PM – 11:59 PM	1,733	8.6	13	21.3	54	80	203	1,383
Unknown	66	0.3	0	0.0	0	0	1	65
Total	20,091	100.0	61	100.0	357	1,084	2,503	16,086



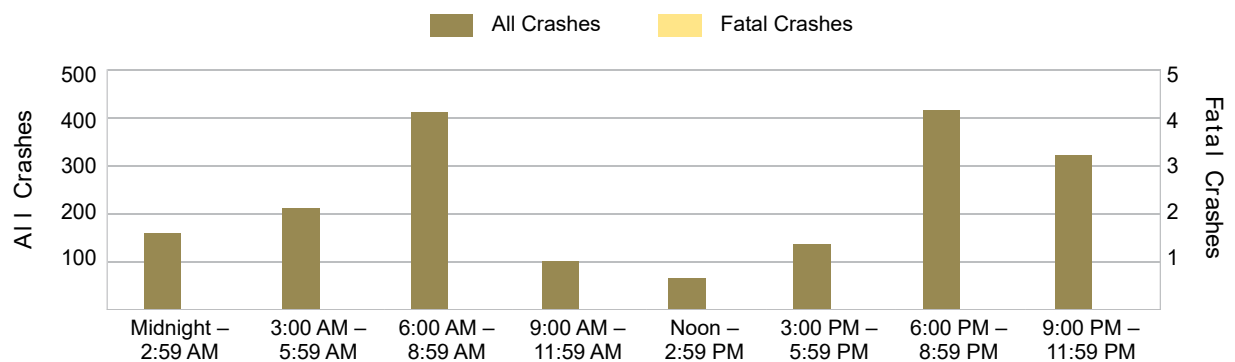
5-Year Trend - Deer-Involved Crashes by Time of Day

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	128	0	144	0	114	0	144	0	158	0
3:00 AM – 5:59 AM	192	0	252	0	178	0	213	0	209	0
6:00 AM – 8:59 AM	360	1	447	0	398	0	393	0	410	0
9:00 AM – 11:59 AM	89	0	92	0	85	0	95	0	100	0
Noon – 2:59 PM	69	0	71	0	89	0	86	0	64	0
3:00 PM – 5:59 PM	137	1	133	0	133	0	122	0	135	0
6:00 PM – 8:59 PM	340	0	408	0	385	0	413	0	414	0
9:00 PM – 11:59 PM	257	0	290	0	302	0	246	0	320	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	1,572	2	1,837	0	1,684	0	1,712	0	1,810	0

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



2021 Time and Severity of Deer-Involved Crashes

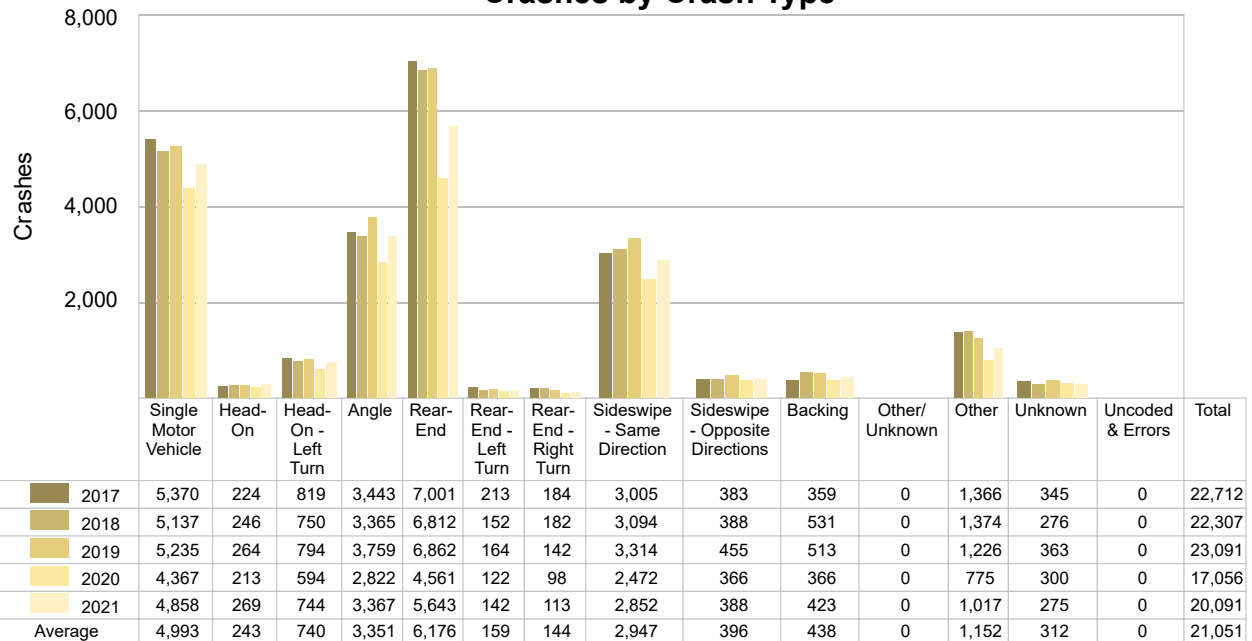


There were no fatal deer-involved crashes in Kent County in 2021.

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	5,370	27	5,137	25	5,235	21	4,367	21	4,858	33
Head-On	224	7	246	5	264	6	213	6	269	10
Head-On - Left Turn	819	3	750	3	794	4	594	4	744	5
Angle	3,443	13	3,365	17	3,759	9	2,822	17	3,367	9
Rear-End	7,001	8	6,812	7	6,862	4	4,561	3	5,643	1
Rear-End - Left Turn	213	1	152	1	164	0	122	1	142	0
Rear-End - Right Turn	184	0	182	0	142	0	98	0	113	0
Sideswipe - Same Direction	3,005	3	3,094	1	3,314	0	2,472	1	2,852	1
Sideswipe - Opposite Directions	383	0	388	0	455	1	366	0	388	1
Backing	359	0	531	0	513	0	366	0	423	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	1,366	3	1,374	2	1,226	2	775	2	1,017	1
Unknown	345	0	276	0	363	0	300	0	275	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	22,712	65	22,307	61	23,091	47	17,056	55	20,091	61

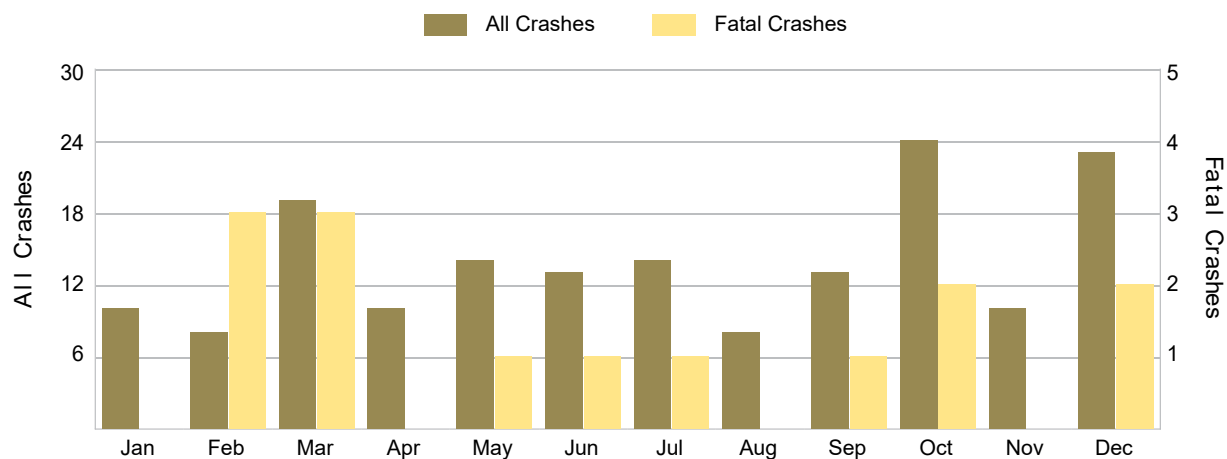
5-Year Trend Crashes by Crash Type



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	24	1	13	2	17	0	13	1	10	0
February	26	2	13	0	11	0	21	0	8	3
March	15	2	20	1	8	0	7	0	19	3
April	12	0	11	0	19	1	5	1	10	0
May	12	0	17	2	11	0	7	0	14	1
June	13	1	14	0	13	0	5	0	13	1
July	17	0	12	0	15	1	17	3	14	1
August	19	2	17	0	16	1	20	2	8	0
September	27	0	16	1	20	0	19	3	13	1
October	41	1	18	1	31	3	13	2	24	2
November	20	2	18	0	17	1	14	0	10	0
December	22	0	18	1	27	2	18	0	23	2
Total	248	11	187	8	205	9	159	12	166	14

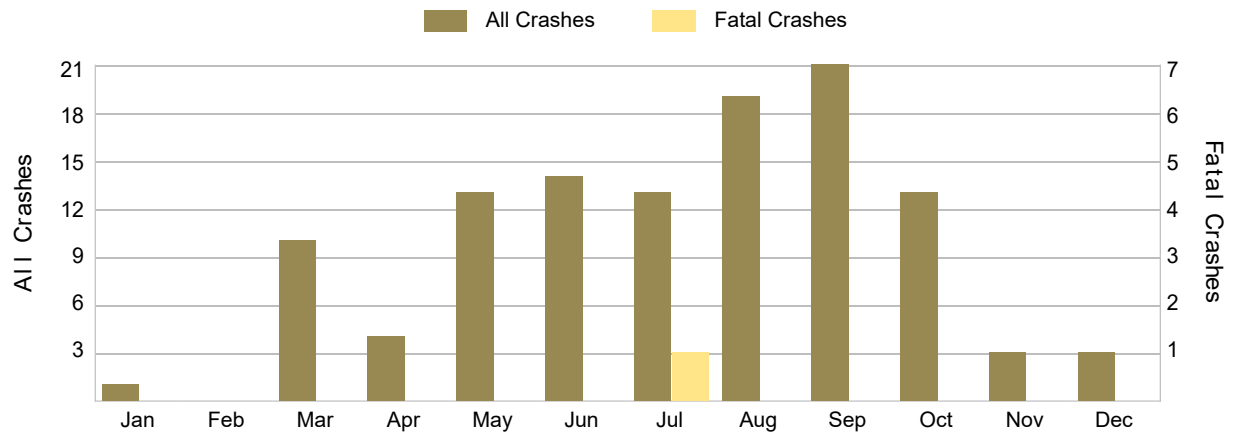
2021 Pedestrian-Involved Crashes by Month



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	3	0	0	0	2	0	5	0	1	0
February	4	0	1	0	1	0	1	0	0	0
March	4	0	5	0	3	0	4	0	10	0
April	7	0	13	0	7	0	5	1	4	0
May	23	0	13	0	10	0	5	0	13	0
June	26	1	18	0	17	1	12	0	14	0
July	19	1	18	0	24	1	13	0	13	1
August	24	0	20	0	21	0	20	0	19	0
September	21	1	18	0	25	1	13	0	21	0
October	22	0	14	0	12	0	6	0	13	0
November	6	0	5	0	4	0	5	0	3	0
December	3	0	6	0	2	0	4	0	3	0
Total	162	3	131	0	128	3	93	1	114	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
Ada Twp.	313	0	42	271	0	0	89	224	7	1	107	1	2
Algoma Twp.	253	0	44	209	0	77	26	149	12	2	79	1	1
Alpine Twp.	352	2	64	286	0	0	208	144	14	4	57	2	0
Bowne Twp.	72	0	11	61	0	0	31	41	1	0	43	0	0
Byron Twp.	703	2	144	557	0	157	70	474	17	2	89	2	5
Caledonia	0	0	0	0	0	0	0	0	0	0	0	0	0
Caledonia Twp.	430	0	75	355	0	0	217	212	15	1	77	0	0
Cannon Twp.	200	3	31	166	0	0	76	124	9	1	80	0	0
Cascade Twp.	708	1	137	570	153	0	134	421	20	7	131	2	1
Casnovia	0	0	0	0	0	0	0	0	0	0	0	0	0
Cedar Springs	75	0	12	63	0	0	0	75	1	0	2	0	0
Courtland Twp.	218	1	45	172	0	0	61	157	13	4	75	0	0
East Grand Rapids	135	0	15	120	0	0	0	135	7	2	2	2	3
Gaines Twp.	589	3	131	455	0	0	77	511	17	8	82	5	3
Grand Rapids	7,119	16	1,420	5,683	586	752	989	4,792	338	73	78	87	56
Grand Rapids Twp.	471	0	86	385	60	0	192	219	15	4	58	1	0
Grandville	703	3	146	554	117	0	105	481	11	2	20	2	7
Grattan Twp.	102	2	18	82	0	0	42	60	3	2	53	1	0
Kent City	0	0	0	0	0	0	0	0	0	0	0	0	0
Kentwood	1,381	1	343	1,037	40	0	323	1,018	47	6	77	14	7
Lowell	101	0	21	80	0	0	65	36	1	1	11	2	2
Lowell Twp.	258	0	42	216	100	0	42	116	6	2	86	2	0
Nelson Twp.	129	1	24	104	0	39	0	90	5	3	47	0	0
Oakfield Twp.	129	2	21	106	0	0	62	67	6	3	31	0	0
Plainfield Twp.	914	4	149	761	0	174	174	566	43	12	111	1	2
Rockford	136	0	20	116	0	0	0	136	3	2	26	1	2
Sand Lake	0	0	0	0	0	0	0	0	0	0	0	0	0
Solon Twp.	195	1	39	155	0	43	53	99	11	0	52	1	1
Sparta	0	0	0	0	0	0	0	0	0	0	0	0	0
Sparta Twp.	213	1	39	173	0	0	56	156	15	2	52	3	3
Spencer Twp.	85	1	22	62	0	0	0	85	3	0	25	0	0
Tyrone Twp.	126	1	24	101	0	0	55	71	8	2	43	0	1
Vergennes Twp.	106	0	20	86	0	0	0	106	3	0	46	0	0
Walker	1,350	6	237	1,107	231	55	554	510	49	20	108	7	1
Wyoming	2,525	10	522	1,993	108	223	434	1,760	86	29	62	29	17
Total	20,091	61	3,944	16,086	1,395	1,520	4,135	13,035	786	195	1,810	166	114

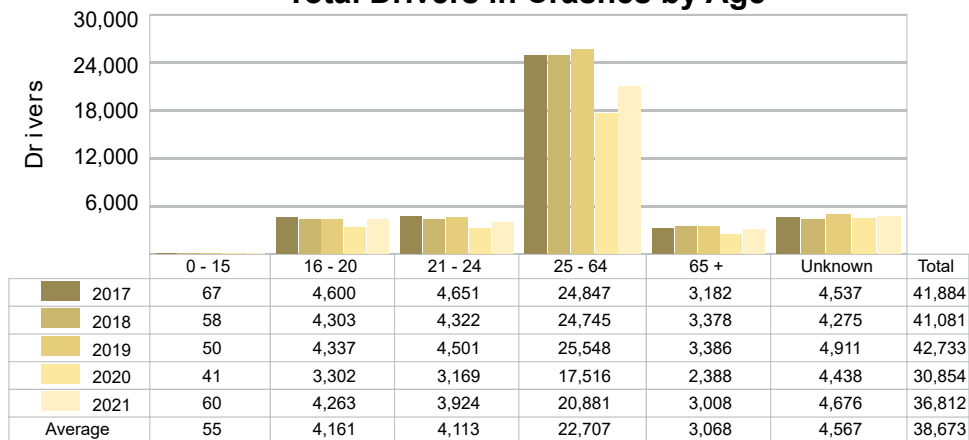
2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Ada Twp.	0	3	30	71	471	23
Algoma Twp.	0	22	28	41	350	16
Alpine Twp.	2	8	52	119	606	37
Bowne Twp.	0	0	3	18	76	2
Byron Twp.	4	29	92	238	1,114	76
Caledonia	0	0	0	0	0	0
Caledonia Twp.	0	20	64	93	702	23
Cannon Twp.	3	13	28	39	286	13
Cascade Twp.	1	18	113	190	1,150	54
Casnovia	0	0	0	0	0	0
Cedar Springs	0	0	16	17	144	8
Courtland Twp.	2	17	44	41	300	11
East Grand Rapids	0	0	5	30	221	53
Gaines Twp.	3	41	71	230	989	67
Grand Rapids	16	328	1,009	2,446	11,425	3,027
Grand Rapids Twp.	0	16	65	135	830	49
Grandville	3	32	98	227	1,203	64
Grattan Twp.	2	6	11	17	113	2
Kent City	0	0	0	0	0	0
Kentwood	1	67	214	640	2,546	243
Lowell	0	5	10	34	194	14
Lowell Twp.	0	12	21	62	356	14
Nelson Twp.	1	5	15	33	162	7
Oakfield Twp.	3	13	7	30	167	8
Plainfield Twp.	4	44	100	252	1,614	76
Rockford	0	11	24	25	269	17
Sand Lake	0	0	0	0	0	0
Solon Twp.	2	7	21	51	256	12
Sparta	0	0	0	0	0	0
Sparta Twp.	1	13	23	57	322	17
Spencer Twp.	1	5	16	20	87	4
Tyrone Twp.	1	12	17	32	181	9
Vergennes Twp.	0	0	20	26	131	3
Walker	6	48	182	386	2,386	140
Wyoming	10	122	361	883	4,041	691
Total	66	917	2,760	6,483	32,692	4,780

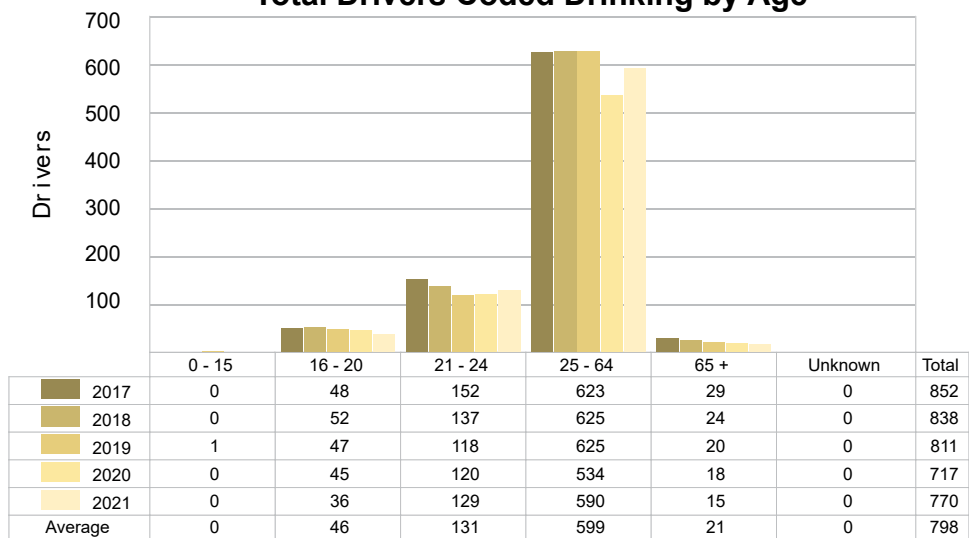
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	67	0	58	0	50	1	41	0	60	0
16 - 20	4,600	48	4,303	52	4,337	47	3,302	45	4,263	36
21 - 24	4,651	152	4,322	137	4,501	118	3,169	120	3,924	129
25 - 64	24,847	623	24,745	625	25,548	625	17,516	534	20,881	590
65 +	3,182	29	3,378	24	3,386	20	2,388	18	3,008	15
Unknown	4,537	0	4,275	0	4,911	0	4,438	0	4,676	0
Total	41,884	852	41,081	838	42,733	811	30,854	717	36,812	770

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	66	51	30	36	0	2	12	10	12
21 - 24	174	142	110	129	0	10	47	35	37
25 - 64	823	621	501	590	1	28	144	192	225
65 +	41	22	13	15	0	2	3	2	8
Unknown	156	0	0	0	0	0	0	0	0
Total	1,260	836	654	770	1	42	206	239	282

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).

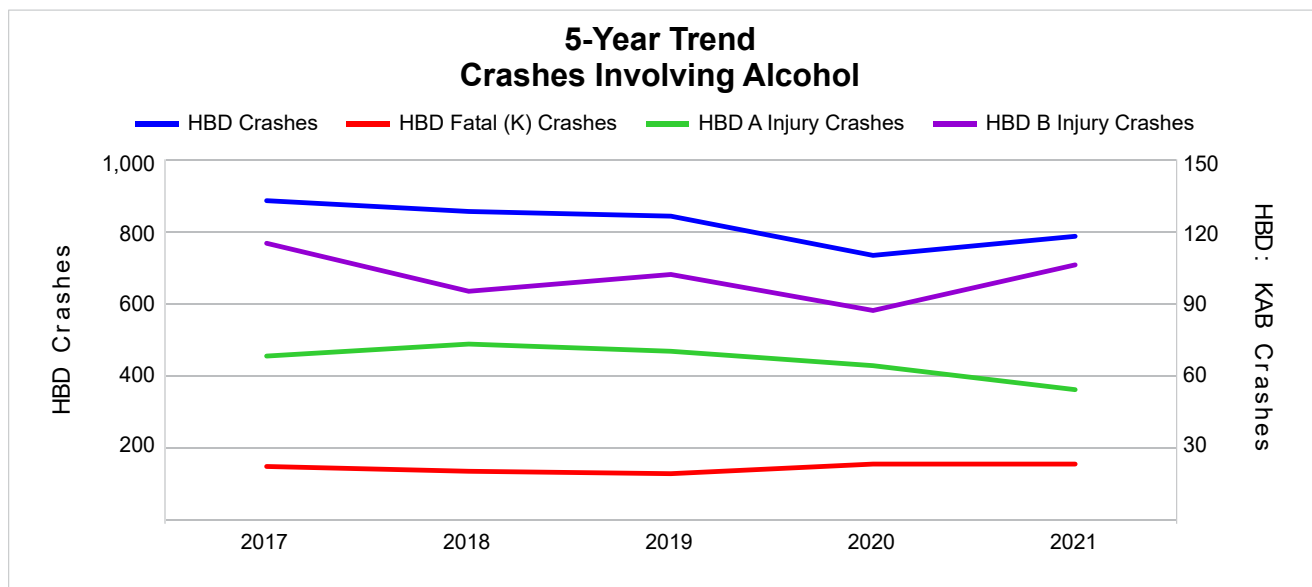
A driver may be coded by the officer as drinking even though no test is administered.

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	22,712	885	3.9	65	22	33.8	371	68	18.3	964	115	11.9
2018	22,307	855	3.8	61	20	32.8	343	73	21.3	985	95	9.6
2019	23,091	842	3.6	47	19	40.4	353	70	19.8	877	102	11.6
2020	17,056	733	4.3	55	23	41.8	327	64	19.6	812	87	10.7
2021	20,091	786	3.9	61	23	37.7	357	54 *	15.1 *	1,084 **	106	9.8

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.



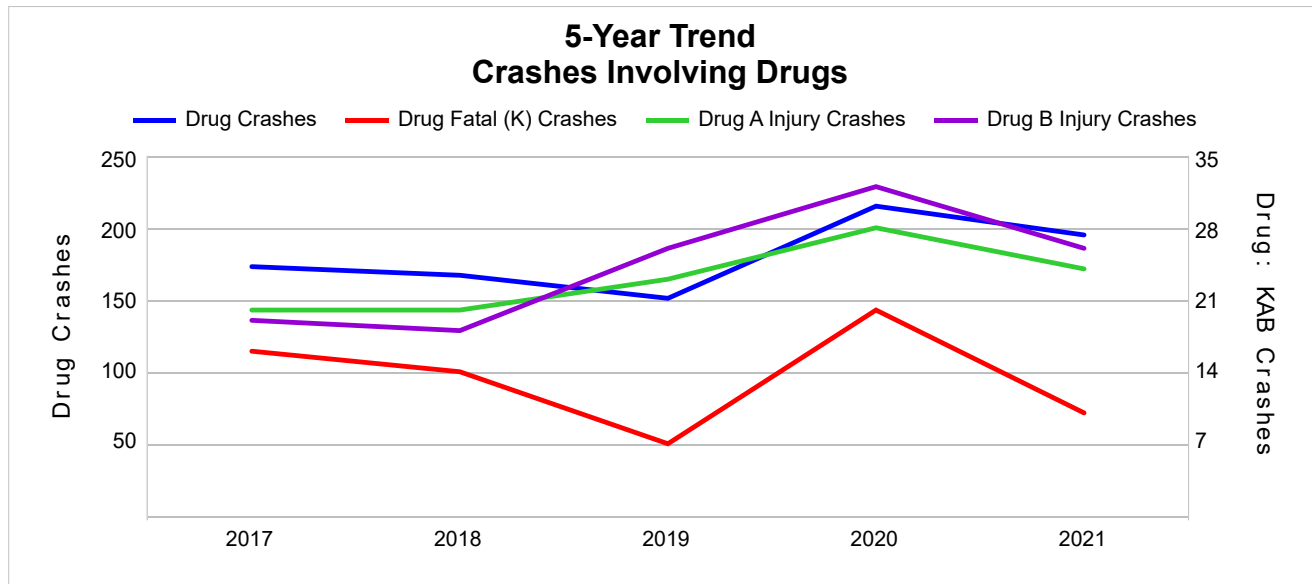
Note: Had-Been-Drinking (HBD)

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	22,712	173	0.8	65	16	24.6	371	20	5.4	964	19	2.0
2018	22,307	167	0.7	61	14	23.0	343	20	5.8	985	18	1.8
2019	23,091	151	0.7	47	7	14.9	353	23	6.5	877	26	3.0
2020	17,056	215	1.3	55	20	36.4	327	28	8.6	812	32	3.9
2021	20,091	195	1.0	61	10	16.4	357	24	6.7	1,084**	26	2.4

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.

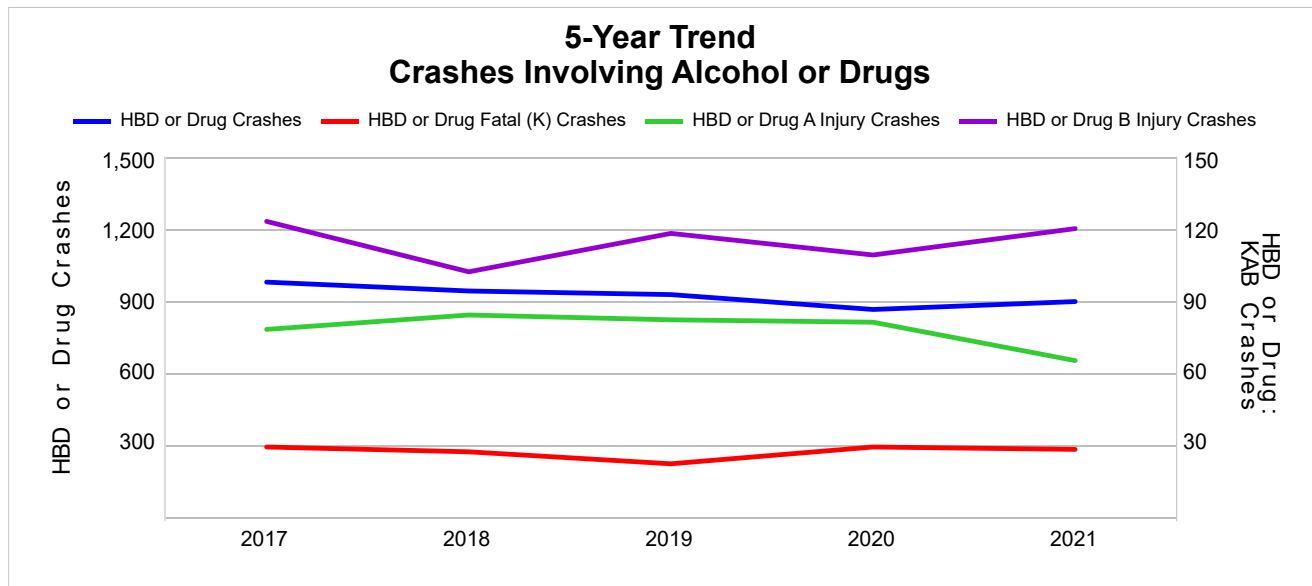


5-Year Trend - Crashes Involving Alcohol or Drugs

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	22,712	977	4.3	65	29	44.6	371	78	21.0	964	123	12.8
2018	22,307	940	4.2	61	27	44.3	343	84	24.5	985	102	10.4
2019	23,091	925	4.0	47	22	46.8	353	82	23.2	877	118	13.5
2020	17,056	863	5.1	55	29	52.7	327	81	24.8	812	109	13.4
2021	20,091	896	4.5	61	28	45.9	357	65 *	18.2 *	1,084 **	120	11.1

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	31,561	26,621	84.3	33	15	45.5	296	229	77.4	1,026	898	87.5	3,235	3,039	93.9	24,028	22,440	93.4
Motor Home	41	35	85.4	0	0	0.0	0	0	0.0	2	2	100.0	4	4	100.0	30	29	96.7
Pickup Truck	3,345	2,858	85.4	9	2	22.2	33	19	57.6	93	82	88.2	156	153	98.1	2,742	2,602	94.9
Small Truck Under 10,000 lbs. GVWR	126	99	78.6	0	0	0.0	0	0	0.0	3	3	100.0	6	5	83.3	99	91	91.9
Motorcycle	223	126	56.5	8	4	50.0	42	28	66.7	78	45	57.7	33	21	63.6	46	28	60.9
Moped/Goped	43	15	34.9	0	0	0.0	11	1	9.1	11	4	36.4	11	6	54.5	7	4	57.1
Go-Cart/Golf Cart	1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
Snowmobile	1	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)	11	1	9.1	0	0	0.0	1	0	0.0	3	0	0.0	3	0	0.0	2	1	50.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	83	37	44.6	0	0	0.0	3	0	0.0	2	1	50.0	4	3	75.0	42	33	78.6
Truck/Bus (over 10,000 lbs. GVWR/ 8+ occupants/ hazmat placard)	1,153	1,062	92.1	1	0	0.0	2	2	100.0	11	9	81.8	37	31	83.8	1,059	1,020	96.3
Uncoded & Errors	1,397	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	37,985	30,854	81.2	51	21	41.2	388	279	71.9	1,229	1,044	84.9	3,489	3,262	93.5	28,056	26,248	93.6

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	377	322	85.4	1	0	0.0	23	13	56.5	76	64	84.2	231	213	92.2	45	32	71.1
16 - 20	4,457	4,155	93.2	8	1	12.5	51	30	58.8	196	168	85.7	442	410	92.8	3,753	3,546	94.5
21 - 24	4,008	3,706	92.5	4	3	75.0	32	19	59.4	145	121	83.4	378	351	92.9	3,434	3,212	93.5
25 - 64	21,341	19,707	92.3	27	6	22.2	236	175	74.2	679	568	83.7	2,062	1,929	93.5	18,260	17,029	93.3
65 +	3,125	2,962	94.8	11	11	100.0	46	42	91.3	133	123	92.5	375	358	95.5	2,558	2,428	94.9
Unknown	4,677	2	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	6	1	16.7
Total	37,985	30,854	81.2	51	21	41.2	388	279	71.9	1,229	1,044	84.9	3,489	3,262	93.5	28,056	26,248	93.6

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	48	0	3	57	0	8	58	0	7	43	0	11	64	0	13
Shoulder Belt Only Used	138	0	20	156	0	28	223	0	29	179	0	23	168	0	24
Lap Belt Only Used	179	0	26	109	0	12	84	0	6	47	0	2	44	0	5
Both Lap & Shoulder Belt Used	34,983	23	3,494	34,694	23	3,567	35,603	13	3,389	24,613	16	2,611	29,482	13	3,446
No Belts Used	233	9	64	167	7	63	150	6	58	116	8	50	154	12	73
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	24	0	6	27	0	2	12	0	1	6	0	2	9	0	0
Restraint Use Unknown	5,998	4	111	5,647	3	114	6,391	4	122	5,600	5	149	6,653	7	207
Helmet Worn	168	9	116	128	7	99	138	3	88	138	5	100	137	4	100
Helmet Not Worn	72	2	55	80	2	64	61	6	46	98	2	83	85	3	67
Helmet Use Unknown	14	0	7	8	0	6	10	0	5	12	1	9	16	1	9
Uncoded & Errors	27	0	0	8	0	0	3	0	0	2	0	0	0	0	0
Total	41,884	47	3,902	41,081	42	3,963	42,733	32	3,751	30,854	37	3,040	36,812	40	3,944

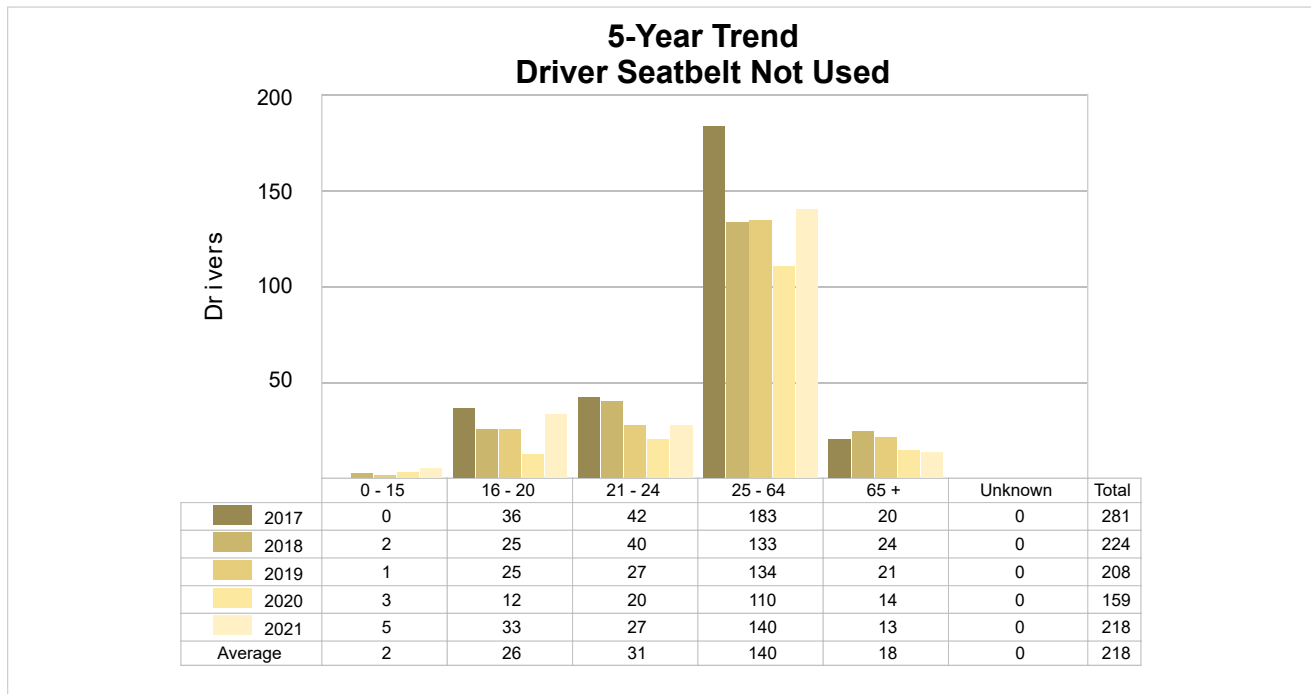
5-Year Trend - Restraint Use Among Drivers Coded Drinking

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	0	2	0	1	1	0	1	2	0	2
Shoulder Belt Only Used	4	0	3	3	0	0	5	0	0	3	0	0	6	0	1
Lap Belt Only Used	3	0	0	1	0	1	0	0	0	1	0	0	1	0	1
Both Lap & Shoulder Belt Used	616	3	151	584	7	140	562	2	128	492	5	126	554	2	134
No Belts Used	26	3	15	31	5	16	26	3	15	25	3	18	28	6	18
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	0	2	0	0	0	0	0	0	0	0	0	0	0
Restraint Use Unknown	181	2	28	196	0	45	197	3	45	171	3	55	160	3	38
Helmet Worn	9	1	7	8	1	4	3	1	2	5	0	3	8	0	8
Helmet Not Worn	10	0	9	12	1	11	14	2	12	19	1	14	9	1	6
Helmet Use Unknown	1	0	1	0	0	0	2	0	2	0	0	0	2	0	2
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	852	9	214	838	14	217	811	11	205	717	12	217	770	12	210

5-Year Trend - Seatbelt Not Used Among Drivers by Age

Age Group	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	0	0	0	2	0	0	1	0	0	3	0	0	5	0	2
16 - 20	36	2	12	25	0	14	25	0	5	12	1	6	33	3	8
21 - 24	42	2	8	40	2	13	27	1	11	20	1	8	27	0	13
25 - 64	183	5	40	133	4	41	134	3	41	110	5	45	140	9	59
65 +	20	0	7	24	1	3	21	2	8	14	1	2	13	0	4
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	281	9	67	224	7	71	208	6	65	159	8	61	218	12	86

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

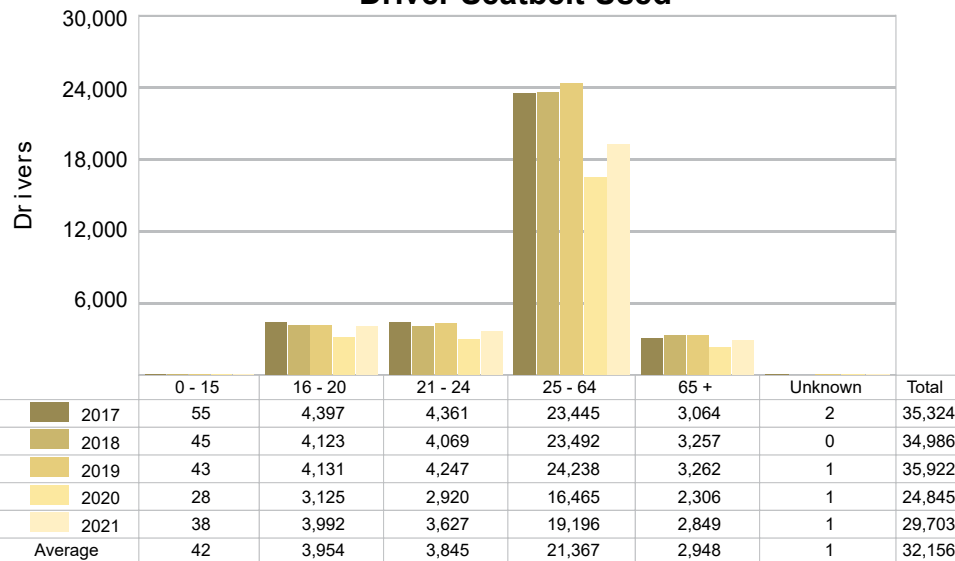


5-Year Trend - Seatbelt Used Among Drivers by Age

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	55	0	6	45	0	2	43	0	10	28	0	4	38	0	6
16 - 20	4,397	4	460	4,123	0	415	4,131	1	348	3,125	1	318	3,992	1	446
21 - 24	4,361	2	362	4,069	2	378	4,247	0	369	2,920	3	272	3,627	2	416
25 - 64	23,445	10	2,339	23,492	16	2,381	24,238	7	2,332	16,465	10	1,754	19,196	3	2,191
65 +	3,064	7	379	3,257	5	433	3,262	5	366	2,306	2	290	2,849	7	416
Unknown	2	0	0	0	0	0	1	0	0	1	0	0	1	0	0
Total	35,324	23	3,546	34,986	23	3,609	35,922	13	3,425	24,845	16	2,638	29,703	13	3,475

Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.

5-Year Trend Driver Seatbelt Used



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	20,844	54	20,339	43	21,144	33	15,552	43	18,562	47
Speed Too Fast	2,343	9	2,242	11	2,682	11	1,384	5	1,732	8
Speed Too Slow	25	1	28	0	27	0	6	0	14	0
Failed to Yield	3,800	5	3,832	9	4,165	11	2,904	7	3,610	6
Disregard Traffic Control	914	7	877	4	883	3	835	7	960	7
Drove Wrong Way	35	2	24	0	21	0	23	0	22	0
Drove Left of Center	155	5	143	2	178	5	158	3	175	7
Improper Passing	247	1	214	0	225	0	178	1	205	1
Improper Lane Use	1,131	1	1,258	0	1,312	0	986	2	1,259	1
Improper Turn	464	0	452	0	454	0	400	1	438	0
Improper/No Signal	39	0	34	0	30	0	14	0	26	0
Improper Backing	614	0	565	0	559	0	371	0	406	0
Unable to Stop in Assured Clear Distance	6,547	9	6,417	9	6,489	5	4,174	3	5,201	1
Other	1,557	2	1,359	4	1,383	2	943	3	1,002	2
Unknown	2,081	4	2,161	13	2,188	1	1,956	13	2,155	12
Reckless Driving	186	6	177	4	175	1	217	4	228	3
Careless/Negligent Driving	900	2	956	3	815	4	753	6	817	6
Uncoded & Errors	2	0	3	1	3	0	0	0	0	0
Total	41,884	108	41,081	103	42,733	76	30,854	98	36,812	101

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