



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:

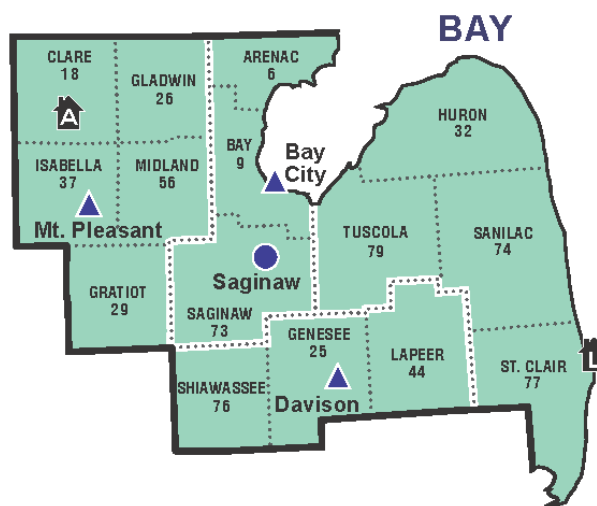
K = Killed
A = Suspected Serious Injury
B = Suspected Minor Injury
C = Possible Injury
O = No Injury
Property Damage Only (PDO)



MDOT Region - Bay

2021 Traffic Crash Data & 2017-2021 5-Year Trends

Beginning October 2015, MDOT Region - Bay is comprised of Arenac, Bay, Clare, Genesee, Gladwin, Gratiot, Huron, Isabella, Lapeer, Midland, Saginaw, St. Clair, Sanilac, Shiawassee and Tuscola counties. Trend tables for this report are based on those counties.



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.

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	3,317	11	444	2,862	11	623
February	3,191	8	452	2,731	9	581
March	2,529	5	434	2,090	5	610
April	2,456	24	470	1,962	24	652
May	2,951	17	584	2,350	17	800
June	3,274	22	652	2,600	22	952
July	3,175	26	620	2,529	28	898
August	2,885	14	635	2,236	14	905
September	3,463	17	671	2,775	18	951
October	4,544	10	608	3,926	12	814
November	4,836	12	567	4,257	12	825
December	4,330	16	546	3,768	17	728
Total	40,951	182	6,683	34,086	189	9,339

2021 - Driver Statistics

Age Group	MDOT Region - Bay			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	256,914	6,932	115	4.5	165.9
16 - 20	90,743	61,673	6,768	745.8	1,097.4
21 - 24	72,883	60,638	5,566	763.7	917.9
25 - 64	712,443	644,160	37,639	528.3	584.3
65 +	270,769	264,059	7,373	272.3	279.2
Unknown	0	0	4,130	--	--
Total	1,403,752	1,037,462	61,591	438.8	593.7

*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	46,873	76.1	167	59.2	8,820	37,886
Motor Home	111	0.2	0	0.0	24	87
Pickup Truck	10,785	17.5	61	21.6	1,734	8,990
Small Truck Under 10,000 lbs. GVWR	291	0.5	0	0.0	35	256
Motorcycle	510	0.8	34	12.1	375	101
Moped/Goped	65	0.1	0	0.0	53	12
Go-Cart/Golf Cart	12	0.0	0	0.0	10	2
Snowmobile	9	0.0	1	0.4	6	2
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	95	0.2	3	1.1	62	30
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	223	0.4	2	0.7	36	185
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	1,563	2.5	12	4.3	287	1,264
Uncoded & Errors	1,054	1.7	2	0.7	113	939
Total	61,591	100.0	282	100.0	11,555	49,754

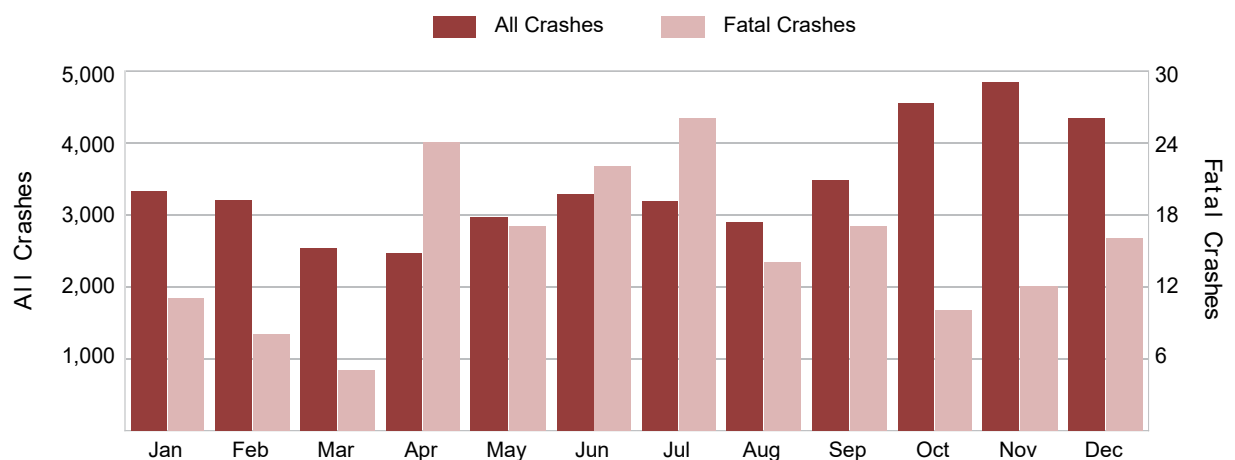
5-Year Trend - Crashes by Month

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	3,684	13	4,409	8	4,219	12	3,801	10	3,317	11
February	2,590	5	3,529	11	3,549	11	3,831	12	3,191	8
March	3,365	12	3,442	11	3,004	10	1,935	6	2,529	5
April	2,752	9	3,057	15	2,796	8	1,335	8	2,456	24
May	3,129	11	2,932	14	3,167	11	2,236	12	2,951	17
June	3,325	19	3,257	9	3,353	10	3,122	23	3,274	22
July	3,012	19	2,829	9	3,050	18	2,933	21	3,175	26
August	2,845	17	2,797	25	3,030	19	2,809	19	2,885	14
September	3,181	14	2,969	21	3,128	13	3,162	17	3,463	17
October	4,635	14	4,367	14	4,713	13	4,398	14	4,544	10
November	4,544	16	5,156	15	5,559	12	4,143	17	4,836	12
December	5,531	11	3,647	8	3,930	17	3,236	13	4,330	16
Total	42,593	160	42,391	160	43,498	154	36,941	172	40,951	182

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	6,124	21	6,326	17	6,434	19	5,029	21	5,826	24
Tuesday	6,435	23	6,328	23	6,552	17	5,225	14	6,250	27
Wednesday	6,282	20	6,245	26	6,781	24	5,721	27	6,068	20
Thursday	6,508	24	6,409	22	6,477	32	5,916	20	6,205	24
Friday	6,924	21	7,123	20	6,938	20	5,813	30	6,557	24
Saturday	5,710	26	5,443	23	5,522	21	5,037	28	5,537	27
Sunday	4,610	25	4,517	29	4,794	21	4,200	32	4,508	36
Total	42,593	160	42,391	160	43,498	154	36,941	172	40,951	182

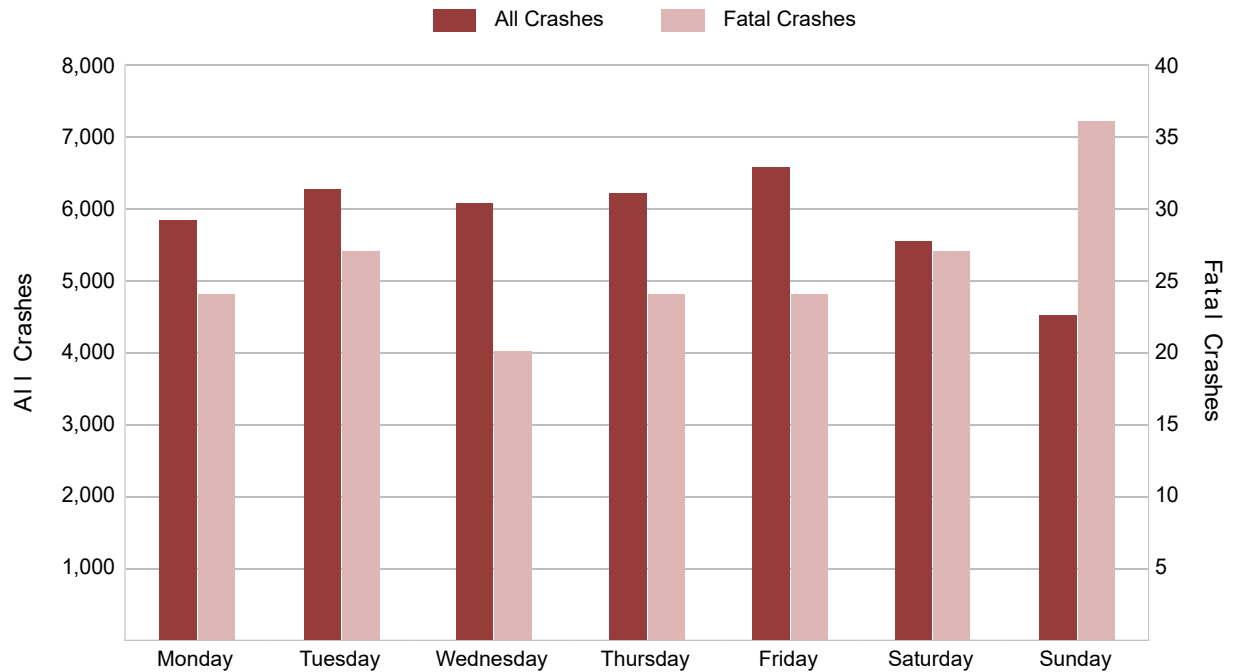
2021 Crashes by Month



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	5,826	14.2	24	13.2	103	308	542	4,849
Tuesday	6,250	15.3	27	14.8	79	273	591	5,280
Wednesday	6,068	14.8	20	11.0	96	293	538	5,121
Thursday	6,205	15.2	24	13.2	109	288	581	5,203
Friday	6,557	16.0	24	13.2	124	335	610	5,464
Saturday	5,537	13.5	27	14.8	141	330	533	4,506
Sunday	4,508	11.0	36	19.8	101	278	430	3,663
Total	40,951	100.0	182	100.0	753	2,105	3,825	34,086

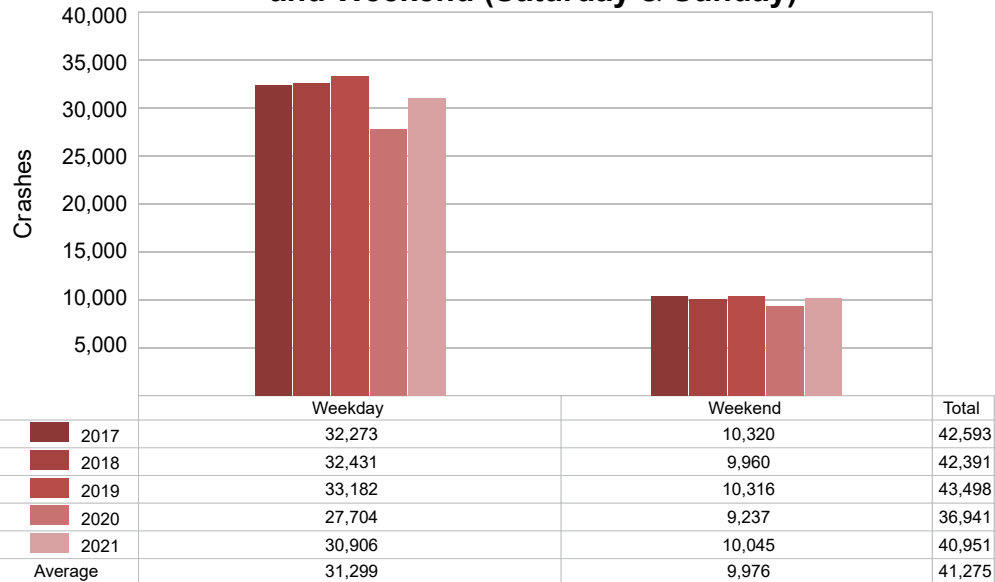
2021 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

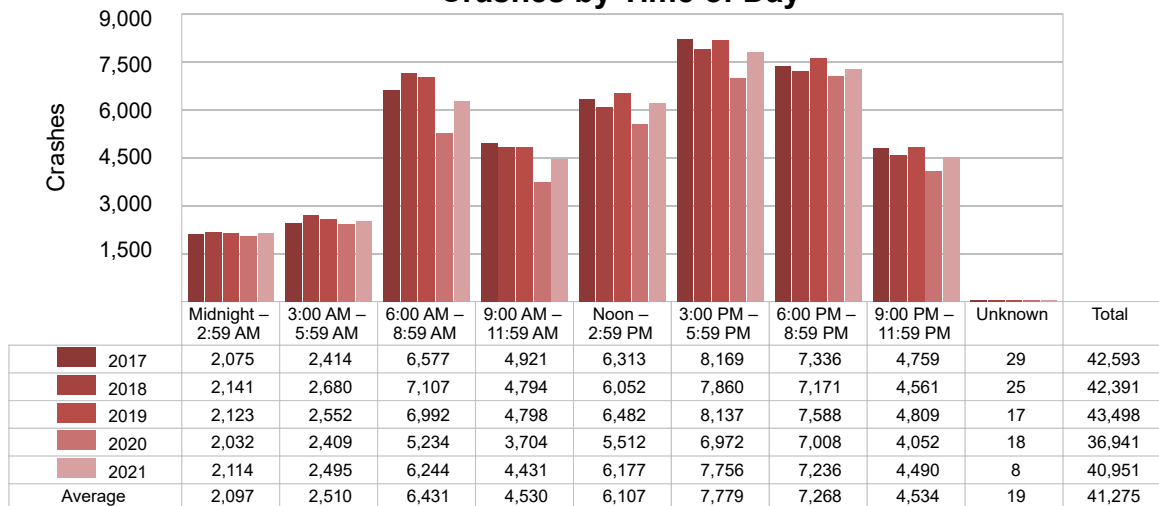
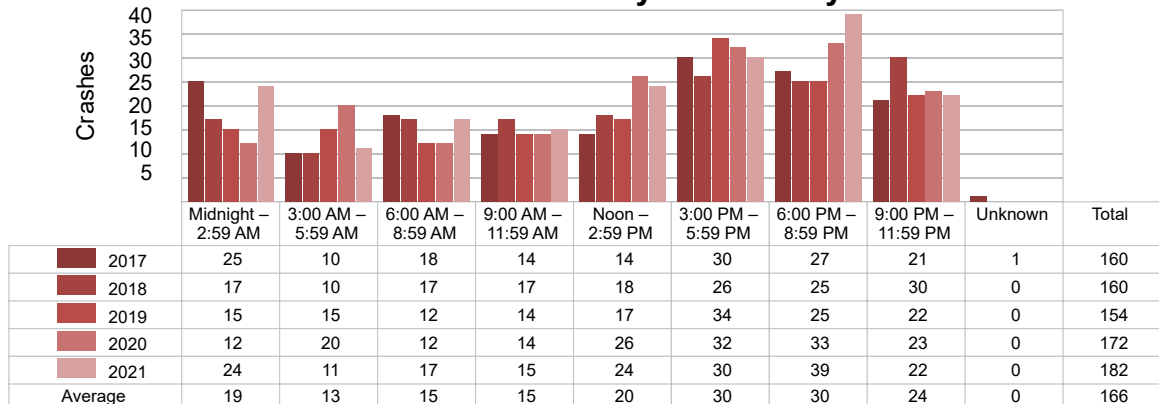
Portion of Week	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	32,273	109	32,431	108	33,182	112	27,704	112	30,906	119
Weekend	10,320	51	9,960	52	10,316	42	9,237	60	10,045	63
Total	42,593	160	42,391	160	43,498	154	36,941	172	40,951	182

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



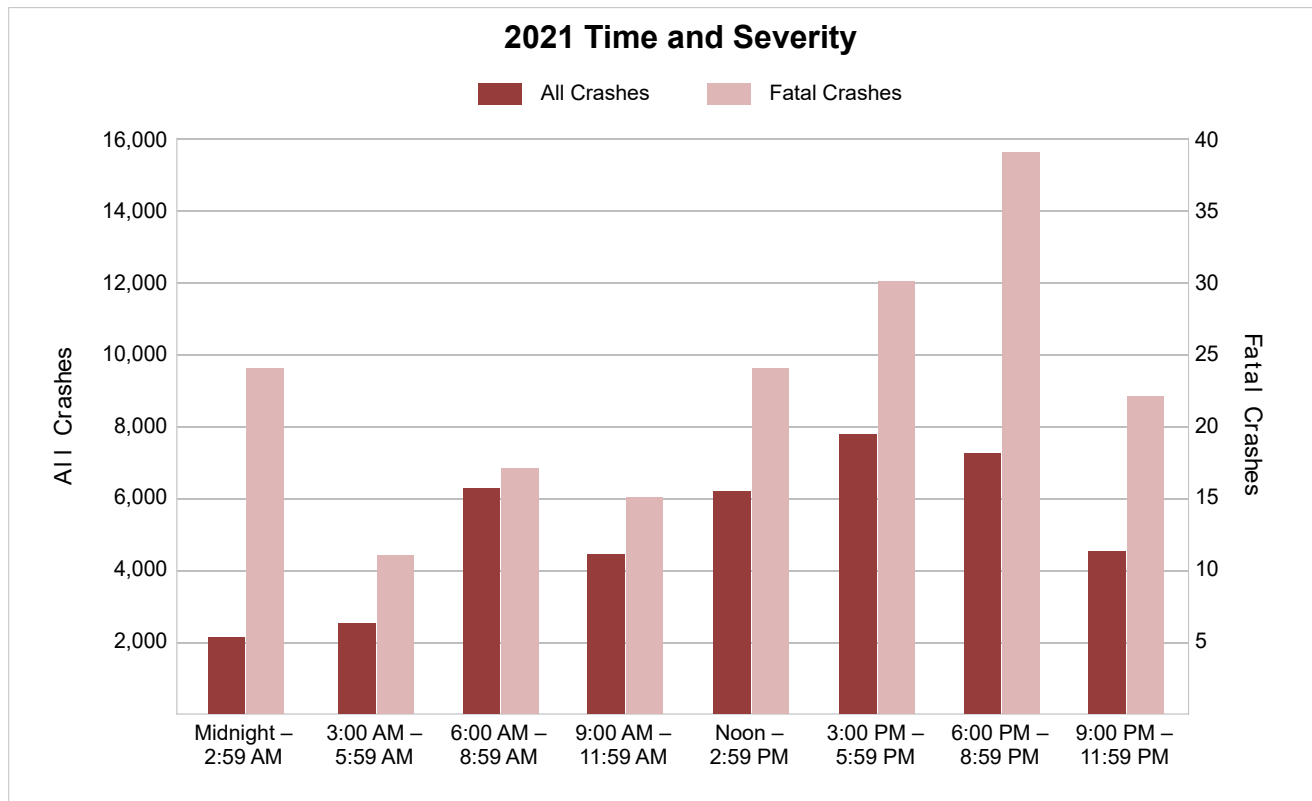
5-Year Trend - Crashes by Time of Day

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	2,075	25	2,141	17	2,123	15	2,032	12	2,114	24
3:00 AM – 5:59 AM	2,414	10	2,680	10	2,552	15	2,409	20	2,495	11
6:00 AM – 8:59 AM	6,577	18	7,107	17	6,992	12	5,234	12	6,244	17
9:00 AM – 11:59 AM	4,921	14	4,794	17	4,798	14	3,704	14	4,431	15
Noon – 2:59 PM	6,313	14	6,052	18	6,482	17	5,512	26	6,177	24
3:00 PM – 5:59 PM	8,169	30	7,860	26	8,137	34	6,972	32	7,756	30
6:00 PM – 8:59 PM	7,336	27	7,171	25	7,588	25	7,008	33	7,236	39
9:00 PM – 11:59 PM	4,759	21	4,561	30	4,809	22	4,052	23	4,490	22
Unknown	29	1	25	0	17	0	18	0	8	0
Total	42,593	160	42,391	160	43,498	154	36,941	172	40,951	182

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	2,114	5.2	24	13.2	56	127	192	1,715
3:00 AM – 5:59 AM	2,495	6.1	11	6.0	31	103	142	2,208
6:00 AM – 8:59 AM	6,244	15.2	17	9.3	62	188	397	5,580
9:00 AM – 11:59 AM	4,431	10.8	15	8.2	75	263	485	3,593
Noon – 2:59 PM	6,177	15.1	24	13.2	110	400	809	4,834
3:00 PM – 5:59 PM	7,756	18.9	30	16.5	162	517	919	6,128
6:00 PM – 8:59 PM	7,236	17.7	39	21.4	158	312	564	6,163
9:00 PM – 11:59 PM	4,490	11.0	22	12.1	99	194	317	3,858
Unknown	8	0.0	0	0.0	0	1	0	7
Total	40,951	100.0	182	100.0	753	2,105	3,825	34,086

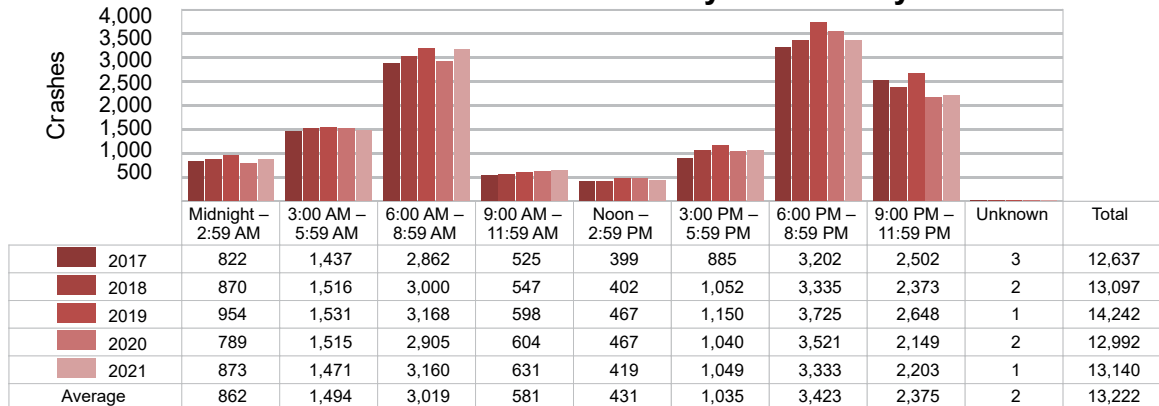


5-Year Trend - Deer-Involved Crashes by Time of Day

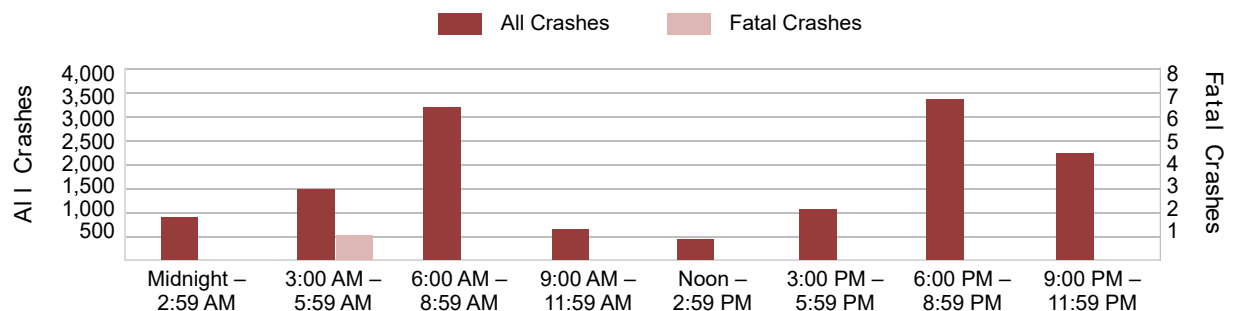
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	822	2	870	0	954	0	789	0	873	0
3:00 AM – 5:59 AM	1,437	0	1,516	0	1,531	0	1,515	0	1,471	1
6:00 AM – 8:59 AM	2,862	0	3,000	0	3,168	0	2,905	0	3,160	0
9:00 AM – 11:59 AM	525	0	547	0	598	0	604	0	631	0
Noon – 2:59 PM	399	0	402	0	467	0	467	0	419	0
3:00 PM – 5:59 PM	885	1	1,052	1	1,150	0	1,040	0	1,049	0
6:00 PM – 8:59 PM	3,202 †	1	3,335 †	1	3,725 †	2	3,521 †	0	3,333 †	0
9:00 PM – 11:59 PM	2,502	0	2,373	1	2,648	1	2,149	1	2,203	0
Unknown	3	0	2	0	1	0	2	0	1	0
Total	12,637	4	13,097	3	14,242	3	12,992	1	13,140	1

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

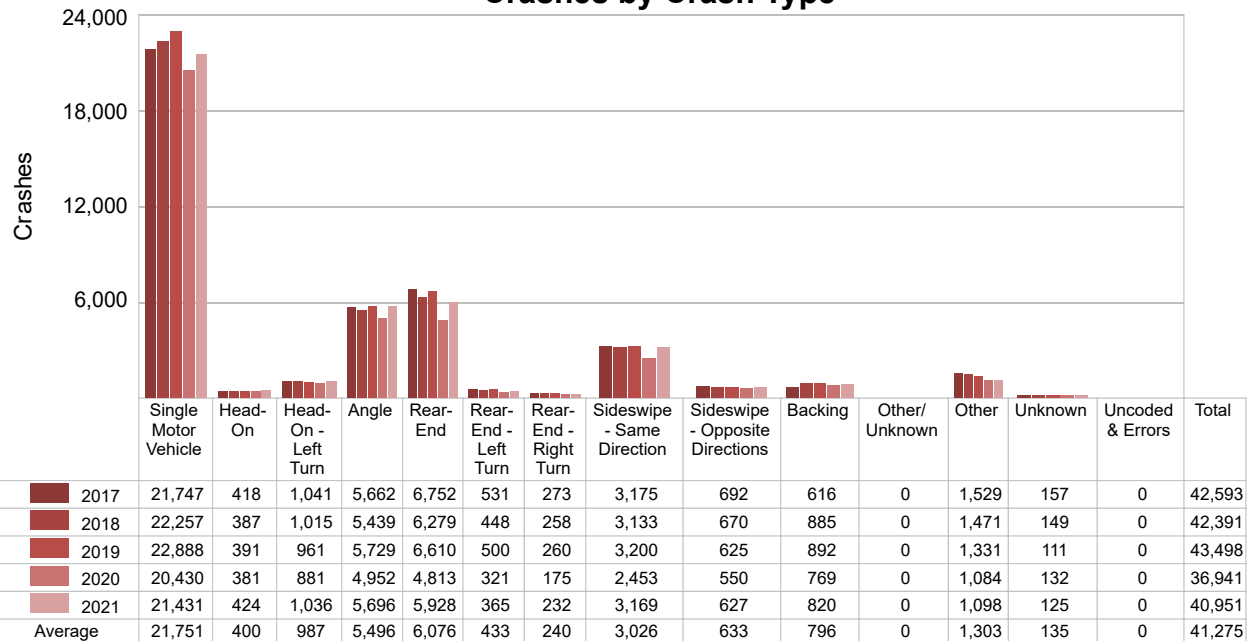


2021 Time and Severity of Deer-Involved Crashes



5-Year Trend - Crashes by Crash Type

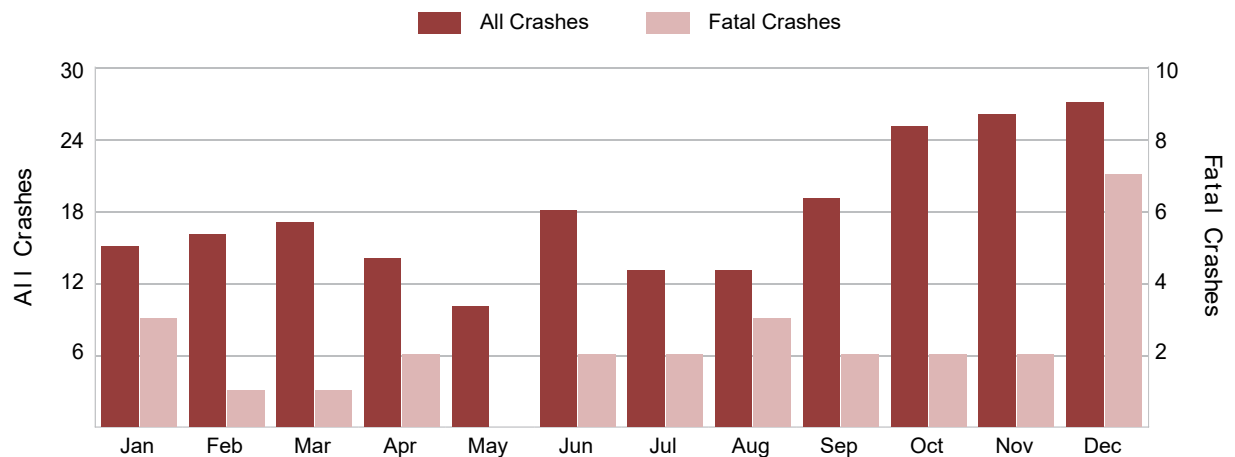
Crash Type	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single Motor Vehicle	21,747	80	22,257	69	22,888	73	20,430	98	21,431	92
Head-On	418	15	387	17	391	30	381	19	424	21
Head-On - Left Turn	1,041	8	1,015	6	961	5	881	5	1,036	10
Angle	5,662	32	5,439	30	5,729	31	4,952	27	5,696	29
Rear-End	6,752	11	6,279	13	6,610	4	4,813	7	5,928	16
Rear-End - Left Turn	531	2	448	1	500	1	321	0	365	1
Rear-End - Right Turn	273	0	258	0	260	0	175	1	232	0
Sideswipe - Same Direction	3,175	0	3,133	4	3,200	3	2,453	2	3,169	3
Sideswipe - Opposite Directions	692	2	670	4	625	2	550	2	627	1
Backing	616	0	885	1	892	0	769	0	820	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	1,529	9	1,471	15	1,331	4	1,084	10	1,098	9
Unknown	157	1	149	0	111	1	132	1	125	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	42,593	160	42,391	160	43,498	154	36,941	172	40,951	182

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	25	1	20	3	18	1	6	0	15	3
February	23	2	14	2	17	3	14	2	16	1
March	13	0	17	2	19	2	3	0	17	1
April	12	1	7	1	12	1	2	0	14	2
May	19	1	17	1	16	2	7	3	10	0
June	18	3	18	1	15	0	24	4	18	2
July	11	1	13	2	23	0	21	1	13	2
August	22	2	11	4	27	4	20	2	13	3
September	21	2	18	2	29	2	16	4	19	2
October	21	2	23	1	33	2	25	5	25	2
November	30	4	20	1	23	2	29	3	26	2
December	24	2	27	3	22	2	19	2	27	7
Total	239	21	205	23	254	21	186	26	213	27

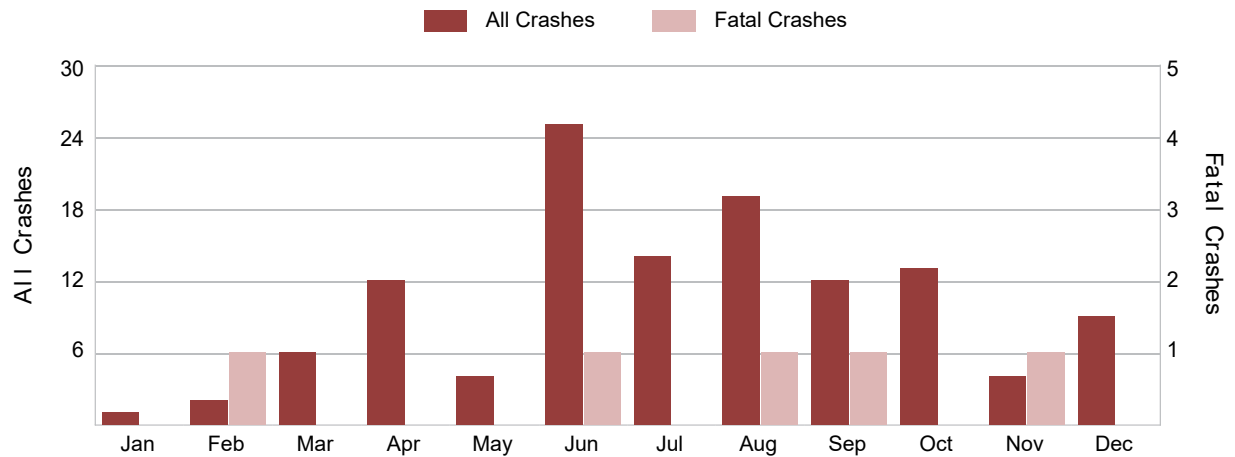
2021 Pedestrian-Involved Crashes by Month



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	0	7	0	3	0	3	0	1	0
February	6	0	2	1	0	0	3	0	2	1
March	7	1	2	0	4	0	4	0	6	0
April	8	0	3	0	11	0	5	0	12	0
May	15	0	12	0	16	0	10	0	4	0
June	23	2	15	0	15	0	19	1	25	1
July	24	0	19	0	22	1	18	0	14	0
August	26	1	28	1	32	1	17	0	19	1
September	29	0	29	2	19	0	18	1	12	1
October	16	0	9	0	19	0	5	0	13	0
November	9	0	3	0	1	0	11	0	4	1
December	3	0	7	0	5	0	5	2	9	0
Total	171	4	136	4	147	2	118	4	121	5

2021 Bicyclist-Involved Crashes by Month



2021 - Reported Motor Vehicle Crashes by County

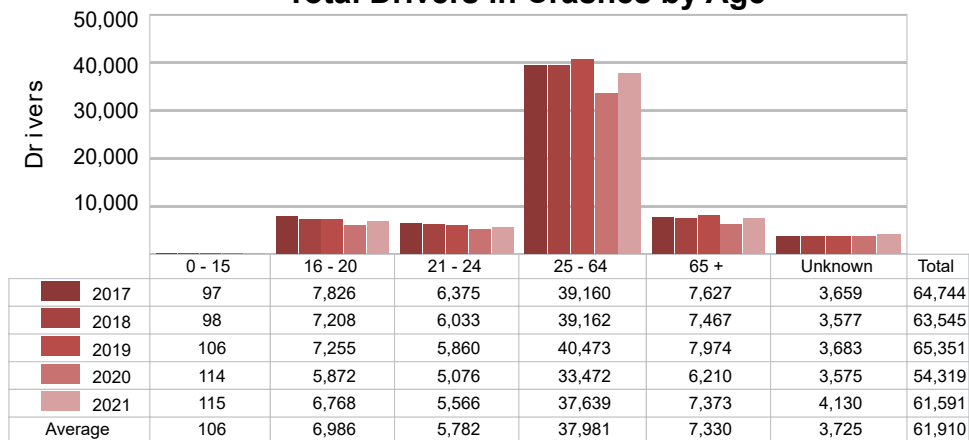
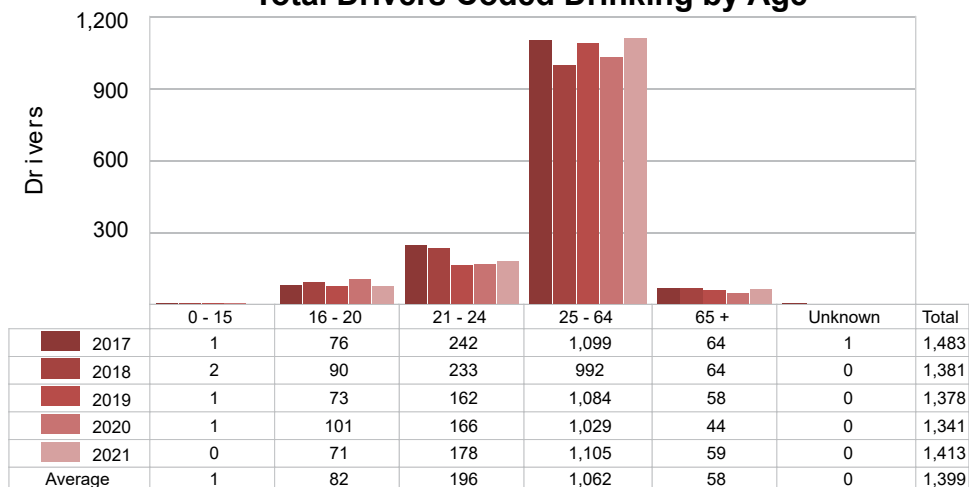
County	Crashes												
	Total	Fatal	Injury	Property Damage	Inter-State	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Pedestrian-Involved	Bicyclist-Involved
Arenac	711	4	90	617	94	163	78	376	32	20	384	0	0
Bay	2,938	13	504	2,421	250	154	984	1,544	123	20	578	27	11
Clare	991	2	120	869	0	316	192	483	27	9	458	5	1
Genesee	10,601	59	2,301	8,241	1,188	410	1,505	7,477	365	156	1,254	65	27
Gladwin	710	2	80	628	0	0	279	425	33	6	396	9	1
Gratiot	1,606	5	158	1,443	0	408	282	913	26	15	931	6	3
Huron	1,395	6	162	1,227	0	0	569	824	36	11	950	5	1
Isabella	2,381	8	275	2,098	0	572	298	1,510	64	23	998	12	7
Lapeer	2,841	16	415	2,410	180	0	874	1,786	89	38	1,355	6	5
Midland	2,353	8	316	2,029	0	342	397	1,612	70	20	864	8	8
Saginaw	5,428	18	1,017	4,393	514	0	1,940	2,951	219	69	941	38	22
St. Clair	3,626	17	623	2,986	614	0	664	2,340	140	52	1,012	12	24
Sanilac	1,541	11	126	1,404	0	0	674	866	33	7	1,080	5	0
Shiawassee	2,106	5	283	1,818	234	0	681	1,190	79	28	986	13	9
Tuscola	1,723	8	213	1,502	0	0	613	1,110	86	33	953	2	2
Total	40,951	182	6,683	34,086	3,074	2,365	10,030	25,407	1,422	507	13,140	213	121

2021 - People in Reported Motor Vehicle Crashes by County

County	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Arenac	4	45	49	99	849	15
Bay	13	134	311	793	4,612	448
Clare	2	35	103	104	1,306	26
Genesee	60	465	1,520	3,810	16,908	1,997
Gladwin	2	36	64	47	904	22
Gratiot	5	61	135	173	2,244	57
Huron	6	51	157	109	1,464	39
Isabella	8	89	212	333	3,239	134
Lapeer	16	114	371	429	3,966	111
Midland	10	79	240	364	3,164	143
Saginaw	18	244	697	1,758	9,060	659
St. Clair	19	168	552	760	5,480	407
Sanilac	11	34	116	118	1,787	30
Shiawassee	6	111	201	347	2,878	111
Tuscola	9	84	208	164	2,130	43
Total	189	1,750	4,936	9,408	59,991	4,242

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	97	1	98	2	106	1	114	1	115	0
16 - 20	7,826	76	7,208	90	7,255	73	5,872	101	6,768	71
21 - 24	6,375	242	6,033	233	5,860	162	5,076	166	5,566	178
25 - 64	39,160	1,099	39,162	992	40,473	1,084	33,472	1,029	37,639	1,105
65 +	7,627	64	7,467	64	7,974	58	6,210	44	7,373	59
Unknown	3,659	1	3,577	0	3,683	0	3,575	0	4,130	0
Total	64,744	1,483	63,545	1,381	65,351	1,378	54,319	1,341	61,591	1,413

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	2	0	0	0	0	0	0	0
16 - 20	123	109	59	71	0	7	24	13	27
21 - 24	221	205	143	178	0	11	35	49	83
25 - 64	1,383	1,196	882	1,105	0	56	236	292	521
65 +	103	74	49	59	0	10	16	10	23
Unknown	92	1	0	0	0	0	0	0	0
Total	1,922	1,587	1,133	1,413	0	84	311	364	654

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).

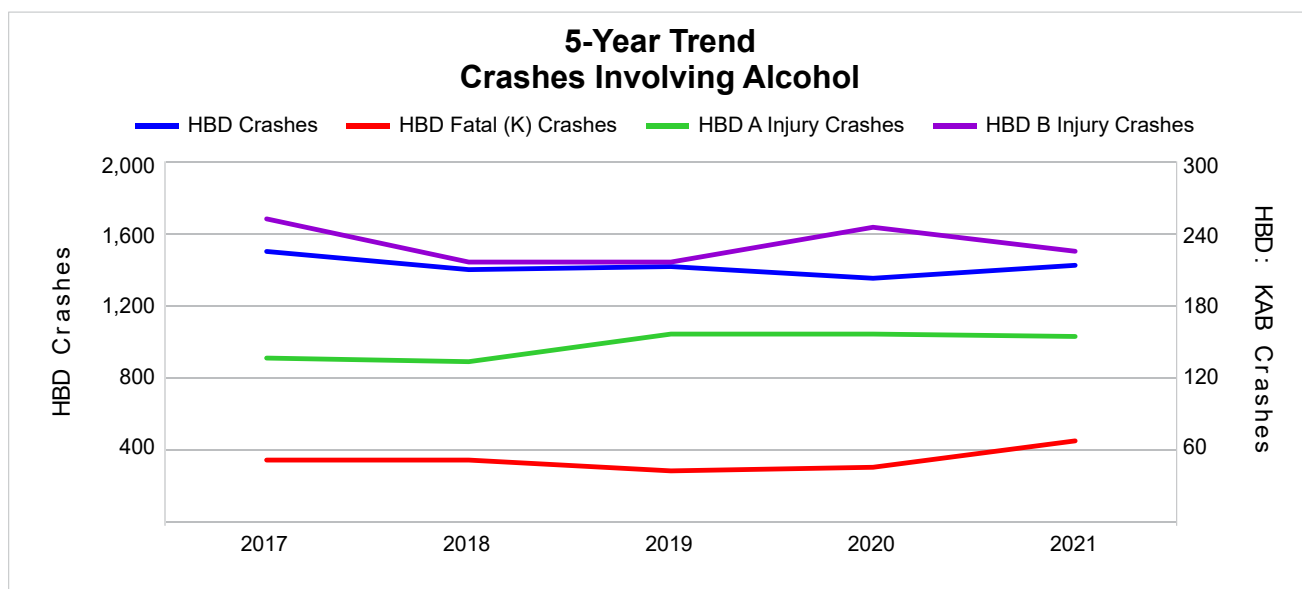
A driver may be coded by the officer as drinking even though no test is administered.

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	42,593	1,499	3.5	160	51	31.9	722	136	18.8	2,108	252	12.0
2018	42,391	1,398	3.3	160	51	31.9	656	133	20.3	1,981	216	10.9
2019	43,498	1,415	3.3	154	42	27.3	720	156	21.7	1,993	216	10.8
2020	36,941	1,350	3.7	172	45	26.2	736	156	21.2	1,888	245	13.0
2021	40,951	1,422	3.5	182 **	67 **	36.8 **	753 **	154	20.5	2,105	225	10.7 *

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.



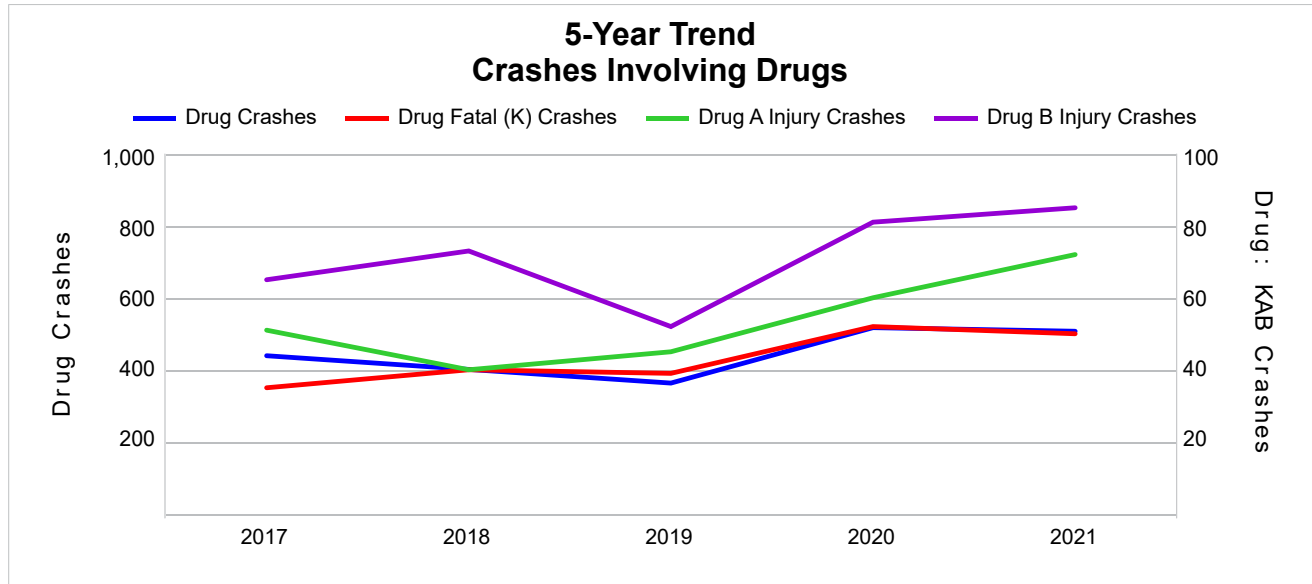
Note: Had-Been-Drinking (HBD)

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	42,593	439	1.0	160	35	21.9	722	51	7.1	2,108	65	3.1
2018	42,391	401	0.9	160	40	25.0	656	40	6.1	1,981	73	3.7
2019	43,498	363	0.8	154	39	25.3	720	45	6.3	1,993	52	2.6
2020	36,941	517	1.4	172	52	30.2	736	60	8.2	1,888	81	4.3
2021	40,951	507	1.2	182 **	50	27.5	753 **	72 **	9.6 **	2,105	85 **	4.0

Note: * Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column.

** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column.

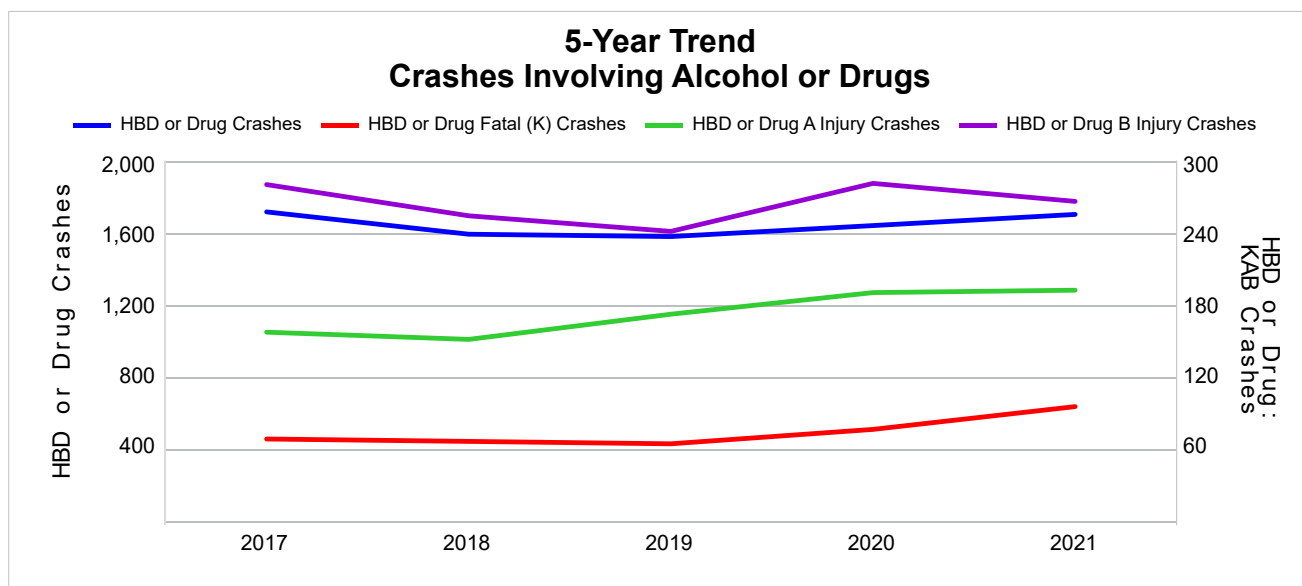


5-Year Trend - Crashes Involving Alcohol or Drugs

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	42,593	1,715	4.0	160	68	42.5	722	157	21.7	2,108	280	13.3
2018	42,391	1,591	3.8	160	66	41.3	656	151	23.0	1,981	254	12.8
2019	43,498	1,578	3.6	154	64	41.6	720	172	23.9	1,993	241	12.1
2020	36,941	1,639	4.4	172	76	44.2	736	190	25.8	1,888	281	14.9
2021	40,951	1,701	4.2	182 **	95 **	52.2 **	753 **	192 **	25.5	2,105	266	12.6

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	48,701	44,419	91.2	92	38	41.3	550	393	71.5	1,907	1,688	88.5	4,718	4,416	93.6	38,948	37,884	97.3
Motor Home	120	109	90.8	0	0	0.0	1	0	0.0	7	7	100.0	11	10	90.9	96	92	95.8
Pickup Truck	11,069	10,114	91.4	26	8	30.8	103	64	62.1	368	316	85.9	674	619	91.8	9,346	9,107	97.4
Small Truck Under 10,000 lbs. GVWR	294	262	89.1	0	0	0.0	2	2	100.0	5	4	80.0	9	9	100.0	253	247	97.6
Motorcycle	562	316	56.2	33	15	45.5	144	69	47.9	172	106	61.6	92	55	59.8	106	71	67.0
Moped/Goped	68	20	29.4	0	0	0.0	12	7	58.3	24	3	12.5	20	6	30.0	10	4	40.0
Go-Cart/Golf Cart	26	7	26.9	0	0	0.0	0	0	0.0	12	1	8.3	9	4	44.4	5	2	40.0
Snowmobile	9	6	66.7	1	1	100.0	3	2	66.7	3	1	33.3	0	0	0.0	2	2	100.0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	116	37	31.9	3	0	0.0	24	7	29.2	40	15	37.5	14	4	28.6	32	11	34.4
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	224	136	60.7	0	0	0.0	5	2	40.0	5	2	40.0	9	7	77.8	174	125	71.8
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	1,619	1,470	90.8	2	2	100.0	8	7	87.5	44	26	59.1	79	45	57.0	1,426	1,390	97.5
Uncoded & Errors	1,054	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	5	0	0.0
Total	63,862	56,896	89.1	157	64	40.8	852	553	64.9	2,587	2,169	83.8	5,636	5,175	91.8	50,403	48,935	97.1

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

2021 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Age

Age Group	Total Occupants			Fatalities			A - Suspected Serious			B - Suspected Minor			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
0 - 15	684	599	87.6	4	3	75.0	33	25	75.8	141	111	78.7	418	386	92.3	83	74	89.2
16 - 20	7,126	6,810	95.6	14	5	35.7	85	59	69.4	356	292	82.0	706	631	89.4	5,955	5,823	97.8
21 - 24	5,768	5,435	94.2	13	3	23.1	87	57	65.5	255	199	78.0	572	504	88.1	4,824	4,672	96.8
25 - 64	38,530	36,648	95.1	106	40	37.7	555	337	60.7	1,486	1,242	83.6	3,196	2,940	92.0	33,103	32,089	96.9
65 +	7,624	7,399	97.0	20	13	65.0	92	75	81.5	348	325	93.4	743	714	96.1	6,411	6,272	97.8
Unknown	4,130	5	0.1	0	0	0.0	0	0	0.0	1	0	0.0	1	0	0.0	27	5	18.5
Total	63,862	56,896	89.1	157	64	40.8	852	553	64.9	2,587	2,169	83.8	5,636	5,175	91.8	50,403	48,935	97.1

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

5-Year Trend - Restraint Use Among Drivers

Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	146	1	41	111	1	23	109	1	11	124	2	25	146	0	28
Shoulder Belt Only Used	277	0	37	252	0	30	308	0	44	207	0	21	262	0	34
Lap Belt Only Used	186	0	23	180	0	31	150	0	19	101	0	10	138	0	20
Both Lap & Shoulder Belt Used	58,186	47	6,496	57,133	47	6,213	58,778	58	6,228	47,780	26	5,086	54,267	38	5,726
No Belts Used	525	32	255	520	29	246	477	30	231	555	46	283	556	36	310
Child Restraint Used - Forward Facing	0	0	0	3	0	1	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	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Failure	22	0	5	12	0	2	16	0	2	11	0	2	5	0	2
Restraint Use Unknown	4,614	8	209	4,541	15	201	4,768	10	226	4,656	18	248	5,311	21	251
Helmet Worn	276	10	206	285	10	218	255	4	196	320	15	234	337	16	238
Helmet Not Worn	183	13	146	185	7	143	201	7	151	278	16	207	259	14	198
Helmet Use Unknown	18	1	9	20	1	12	31	2	21	41	3	22	39	5	24
Uncoded & Errors	306	0	0	303	0	1	258	0	0	246	0	0	271	0	0
Total	64,744	112	7,427	63,545	110	7,121	65,351	112	7,129	54,319	126	6,138	61,591	130	6,831

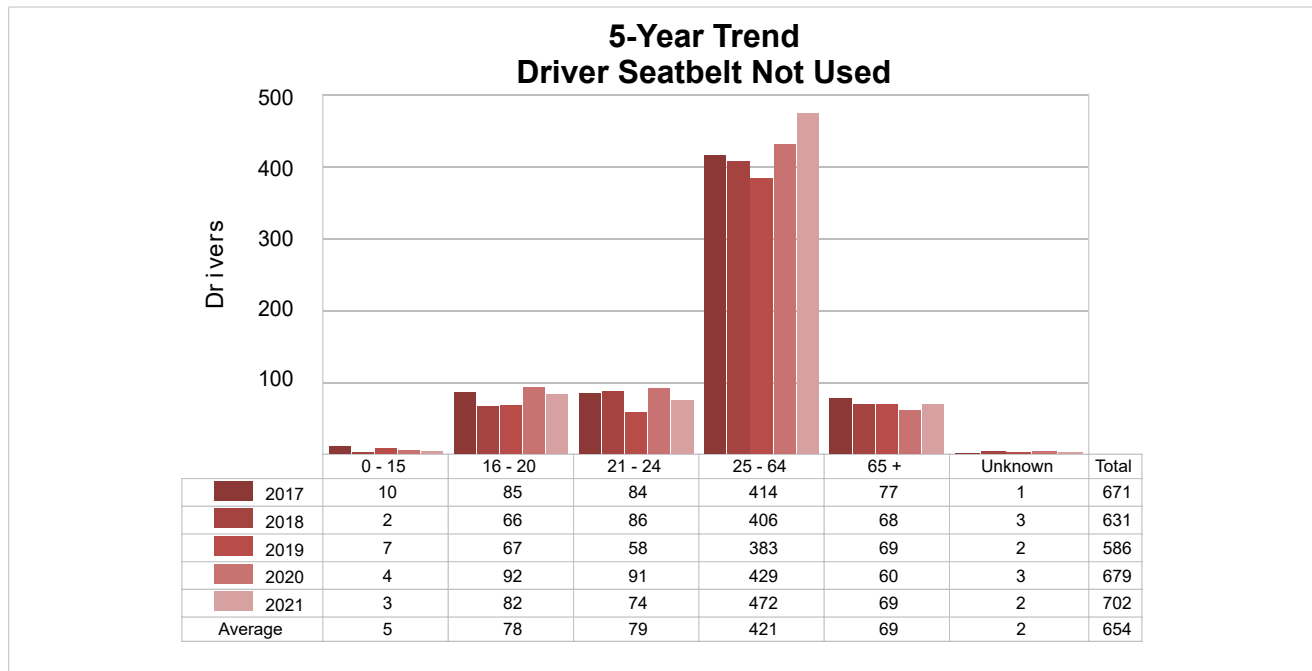
5-Year Trend - Restraint Use Among Drivers Coded Drinking

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	2	6	0	2	1	0	0	5	0	2	6	0	4
Shoulder Belt Only Used	9	0	3	6	0	0	9	0	2	9	0	2	6	0	0
Lap Belt Only Used	4	0	2	1	0	1	3	0	2	4	0	0	3	0	2
Both Lap & Shoulder Belt Used	1,041	8	311	966	9	300	976	8	280	889	2	295	980	12	303
No Belts Used	127	12	89	116	13	75	118	14	80	129	17	80	125	17	78
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	3	0	1	1	0	1	0	0	0
Restraint Use Unknown	234	5	62	237	5	70	233	3	71	235	3	81	214	8	56
Helmet Worn	17	0	14	14	1	11	3	0	3	15	2	11	17	2	11
Helmet Not Worn	45	8	34	31	3	24	31	2	25	52	8	39	54	7	44
Helmet Use Unknown	1	1	0	4	0	3	1	0	0	2	1	1	8	2	5
Uncoded & Errors	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,483	34	517	1,381	31	486	1,378	27	464	1,341	33	512	1,413	48	503

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	10	0	6	2	0	2	7	0	2	4	0	0	3	0	2
16 - 20	85	0	49	66	2	26	67	1	38	92	6	52	82	6	44
21 - 24	84	6	46	86	2	50	58	3	31	91	11	46	74	5	43
25 - 64	414	20	169	406	20	171	383	23	148	429	20	183	472	22	222
65 +	77	7	26	68	6	20	69	4	23	60	11	27	69	3	27
Unknown	1	0	0	3	0	0	2	0	0	3	0	0	2	0	0
Total	671	33	296	631	30	269	586	31	242	679	48	308	702	36	338

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

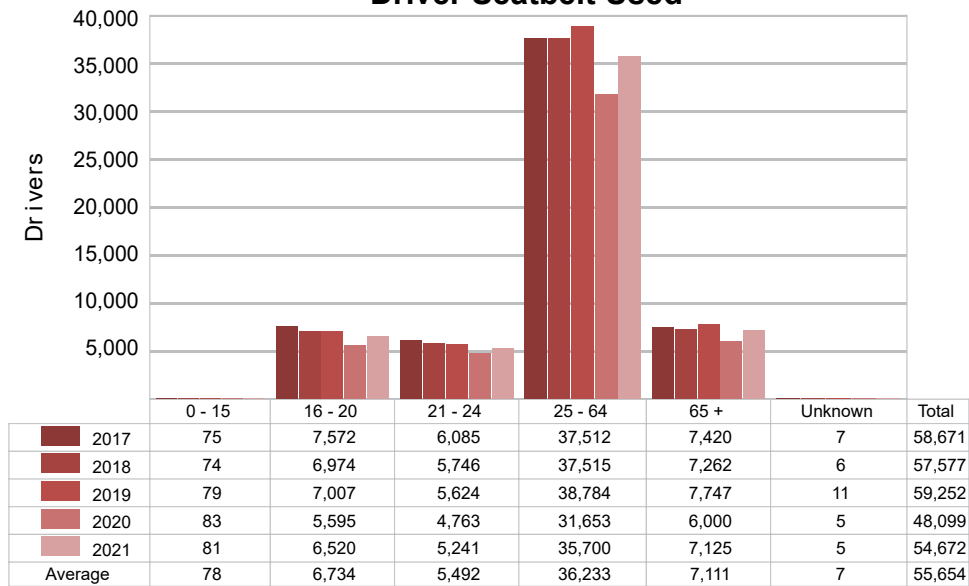


5-Year Trend - Seatbelt Used Among Drivers by Age

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	75	0	13	74	1	12	79	0	12	83	0	12	81	0	11
16 - 20	7,572	4	876	6,974	5	792	7,007	4	842	5,595	2	628	6,520	4	696
21 - 24	6,085	5	713	5,746	1	620	5,624	3	587	4,763	0	524	5,241	2	579
25 - 64	37,512	20	4,036	37,515	28	3,923	38,784	36	3,884	31,653	14	3,212	35,700	24	3,646
65 +	7,420	18	923	7,262	12	929	7,747	15	965	6,000	10	743	7,125	8	850
Unknown	7	0	0	6	0	0	11	0	3	5	0	0	5	0	0
Total	58,671	47	6,561	57,577	47	6,276	59,252	58	6,293	48,099	26	5,119	54,672	38	5,782

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	35,697	100	35,169	115	37,155	100	31,124	94	34,554	100
Speed Too Fast	4,540	17	5,265	32	4,571	27	3,297	37	3,790	41
Speed Too Slow	47	0	52	1	22	0	28	0	30	1
Failed to Yield	5,763	24	5,441	14	5,525	17	4,756	18	5,598	20
Disregard Traffic Control	1,373	15	1,377	19	1,388	11	1,337	7	1,558	9
Drove Wrong Way	39	1	41	2	35	0	31	3	48	2
Drove Left of Center	365	11	362	12	348	14	330	11	412	10
Improper Passing	328	1	296	3	349	3	309	0	356	1
Improper Lane Use	1,095	2	1,227	0	1,235	3	921	3	1,231	4
Improper Turn	728	2	630	0	698	1	565	2	605	0
Improper/No Signal	60	0	54	0	61	0	38	0	43	0
Improper Backing	897	0	963	0	936	0	757	0	802	1
Unable to Stop in Assured Clear Distance	6,687	4	6,149	15	6,570	5	4,586	4	5,724	13
Other	2,121	14	2,040	16	2,114	12	1,835	19	2,019	14
Unknown	2,367	24	2,100	20	2,075	24	1,999	34	2,279	46
Reckless Driving	319	11	302	7	311	7	374	11	378	8
Careless/Negligent Driving	1,954	14	1,758	16	1,713	18	1,796	15	1,899	10
Uncoded & Errors	364	3	319	3	245	3	236	5	265	2
Total	64,744	243	63,545	275	65,351	245	54,319	263	61,591	282

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