



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

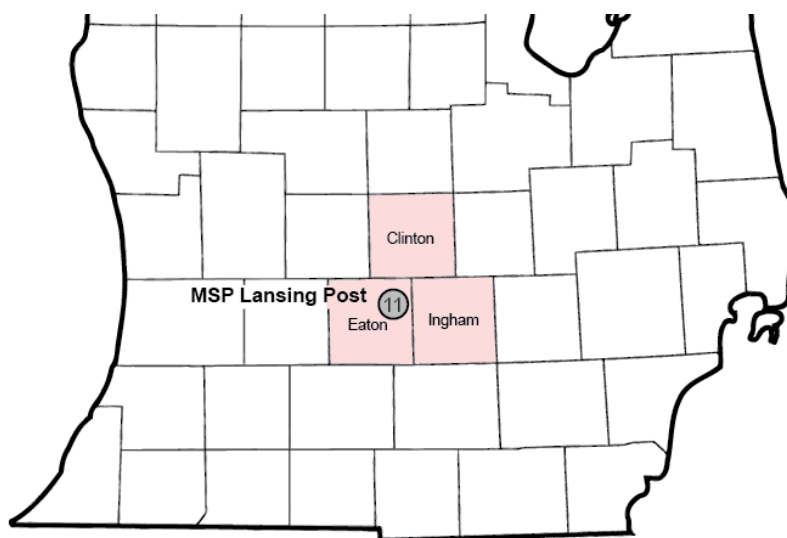
Property Damage Only (PDO)



Michigan State Police (MSP) Post 11 - Lansing

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

MSP Post 11 - Lansing is comprised of Clinton, Eaton and Ingham 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.

MSP Post 11 - Lansing

- There were 12,875 crashes in Post 11 during 2021. [Page 1]
- A total of 50 fatalities resulted from 46 fatal crashes in 2021 in Post 11. [Page 1]
- There were 3,220 injuries and 2,338 injury crashes. [Page 1]
- There were 10,491 property damage only crashes (no fatalities or injuries). [Page 1]
- October had the highest number of crashes (1,623). [Pages 1-2]
- August had the highest number of fatal crashes (7) and fatalities (8). [Pages 1-2]
- October had the highest number of injury crashes (258) while August had the highest number of injuries (346). [Page 1]
- October had the highest number of property damage only crashes (1,362). [Page 1]
- Of all vehicles involved in fatal crashes, 11 (15.7%) were motorcycles. [Page 1]
- Friday was the day of the week with the highest number of crashes (2,059) and Saturday had the highest number of fatal crashes (11). [Pages 2-3]
- The 3:00 PM – 5:59 PM time period had the highest number of crashes (2,896). This holds true for every year between 2017 and 2021. The 3:00 PM – 5:59 PM time period had the highest number of fatal crashes (11). [Pages 5-6]
- During the period from 2017 to 2021, the highest number of deer crashes occurred in 2019 (3,318). The 6:00 PM – 8:59 PM time period had the highest number of deer-involved crashes. There were 0 fatal crashes involving deer in 2021. [Page 7]
- Ingham County (61.3%) had the highest number of crashes in Post 11 in 2021, followed by Eaton County (21.6%), and Clinton County (17.1%). [Page 11]
- Ingham County (64.0%) had the highest number of fatalities in Post 11 in 2021, followed by Eaton County (28.0%), and Clinton County (8.0%). [Page 11]
- The highest number of drivers in crashes (25,527) occurred during 2018 and the highest number of drivers coded drinking in crashes (452) occurred during 2019 within the five year period between 2017 and 2021. [Page 12]
- A total of 400 crashes involved alcohol in 2021. [Page 13]
- Alcohol-involved fatal crashes were the highest in 2017 during the five-year period from 2017 to 2021 at 14. [Page 13]
- A total of 131 crashes, 8 fatal crashes, and 23 suspected injury crashes involved drugs in 2021. [Page 14]
- There were 18,308 drivers wearing seatbelts and 161 drivers not wearing seatbelts in crashes in 2021. Of the 161 drivers not wearing seatbelts, 5 (3.1%) were killed and 73 (45.3%) were injured. [Pages 17-19]
- The most common hazardous action coded for drivers in 2021 in all crashes was unable to stop in assured clear distance (2,357), while the most common hazardous action coded for drivers in fatal crashes was speed too fast (12). [Page 20]

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	1,086	1	160	925	1	214
February	1,037	2	158	877	2	222
March	800	3	138	659	3	185
April	805	4	177	624	5	260
May	943	6	192	745	6	272
June	1,043	0	231	812	0	330
July	959	6	184	769	7	266
August	1,037	7	249	781	8	346
September	1,148	3	234	911	3	315
October	1,623	3	258	1,362	3	340
November	1,446	5	203	1,238	5	258
December	948	6	154	788	7	212
Total	12,875	46	2,338	10,491	50	3,220

2021 - Driver Statistics

Age Group	MSP Post 11 - Lansing			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	86,384	2,090	42	4.9	201.0
16 - 20	42,982	19,664	2,494	580.2	1,268.3
21 - 24	39,656	22,496	2,263	570.7	1,006.0
25 - 64	237,672	211,374	12,339	519.2	583.8
65 +	75,575	73,458	2,215	293.1	301.5
Unknown	0	0	1,856	--	--
Total	482,269	329,082	21,209	439.8	644.5

*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	17,257	81.4	47	67.1	3,448	13,762
Motor Home	73	0.3	0	0.0	12	61
Pickup Truck	2,230	10.5	8	11.4	395	1,827
Small Truck Under 10,000 lbs. GVWR	88	0.4	0	0.0	18	70
Motorcycle	142	0.7	11	15.7	103	28
Moped/Goped	30	0.1	0	0.0	24	6
Go-Cart/Golf Cart	1	0.0	0	0.0	1	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	8	0.0	0	0.0	4	4
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	133	0.6	1	1.4	26	106
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	587	2.8	3	4.3	101	483
Uncoded & Errors	660	3.1	0	0.0	71	589
Total	21,209	100.0	70	100.0	4,203	16,936

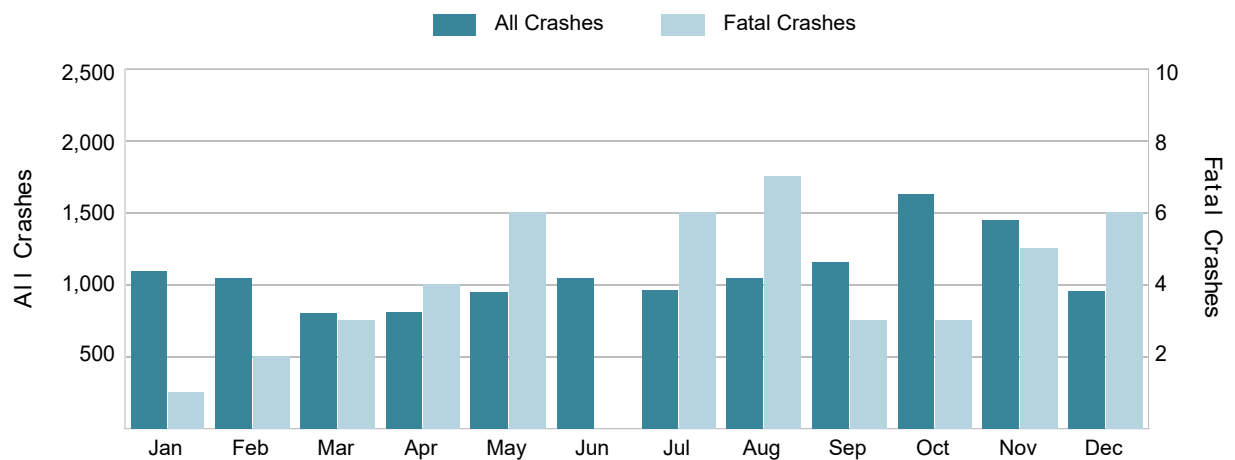
5-Year Trend - Crashes by Month

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	1,402	4	1,643	5	1,540	2	1,378	1	1,086	1
February	960	2	1,394	2	1,276	2	1,453	2	1,037	2
March	1,279	2	1,092	3	1,105	2	677	1	800	3
April	1,031	3	1,093	2	961	2	437	3	805	4
May	1,193	3	1,097	3	1,081	4	667	0	943	6
June	1,125	4	1,133	2	1,196	2	873	4	1,043	0
July	965	4	955	3	996	3	911	4	959	6
August	1,020	4	1,029	8	1,106	4	869	2	1,037	7
September	1,123	4	1,189	7	1,185	2	980	2	1,148	3
October	1,672	4	1,694	5	1,724	6	1,308	6	1,623	3
November	1,586	2	1,776	1	1,864	4	1,256	4	1,446	5
December	1,694	1	1,196	2	1,311	2	932	9	948	6
Total	15,050	37	15,291	43	15,345	35	11,741	38	12,875	46

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	2,209	6	2,318	5	2,393	3	1,599	5	1,892	4
Tuesday	2,372	2	2,348	6	2,461	3	1,656	4	1,954	8
Wednesday	2,307	5	2,293	9	2,433	4	1,994	4	1,980	3
Thursday	2,392	3	2,271	3	2,329	2	1,851	7	1,887	10
Friday	2,515	7	2,697	5	2,429	9	1,826	6	2,059	8
Saturday	1,813	10	1,843	8	1,737	7	1,482	6	1,707	11
Sunday	1,442	4	1,521	7	1,563	7	1,333	6	1,396	2
Total	15,050	37	15,291	43	15,345	35	11,741	38	12,875	46

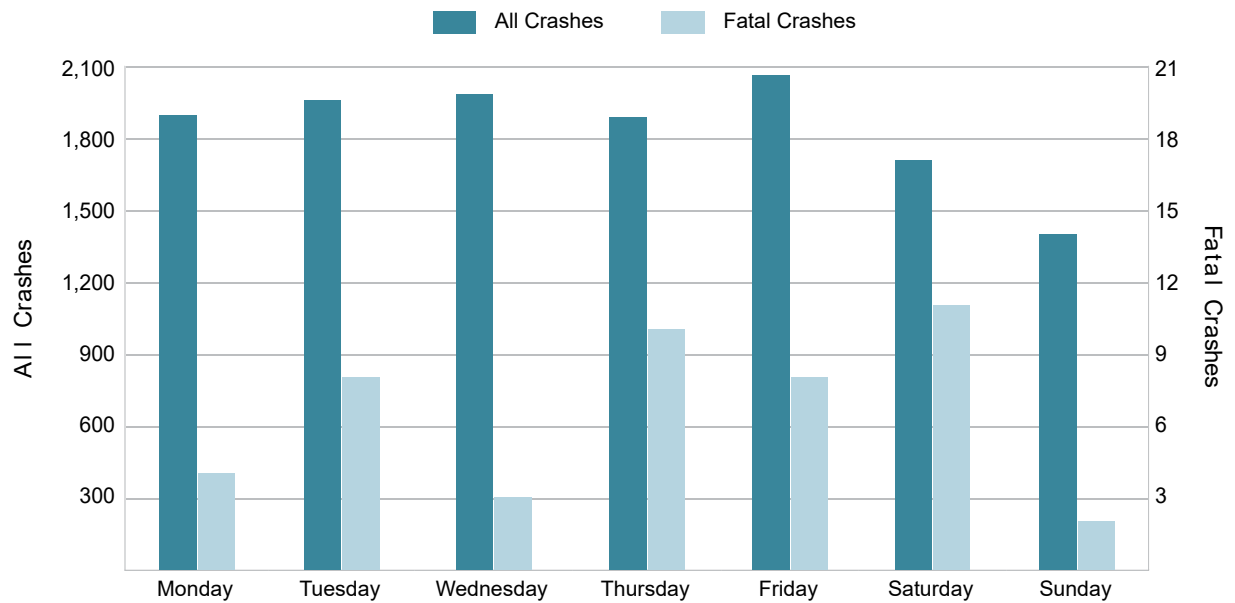
2021 Crashes by Month



2021 - Crashes by Day of Week

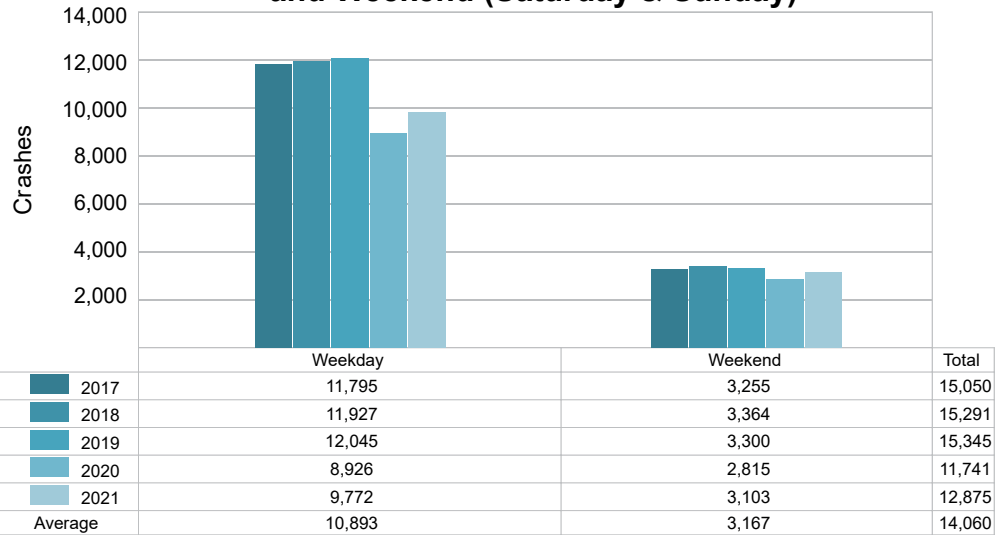
Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Fatal	% of Fatal	A	B	C	Number
Monday	1,892	14.7	4	8.7	29	80	204	1,575
Tuesday	1,954	15.2	8	17.4	28	95	226	1,597
Wednesday	1,980	15.4	3	6.5	38	95	211	1,633
Thursday	1,887	14.7	10	21.7	26	103	229	1,519
Friday	2,059	16.0	8	17.4	29	115	224	1,683
Saturday	1,707	13.3	11	23.9	35	110	188	1,363
Sunday	1,396	10.8	2	4.3	28	93	152	1,121
Total	12,875	100.0	46	100.0	213	691	1,434	10,491

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	11,795	23	11,927	28	12,045	21	8,926	26	9,772	33
Weekend	3,255	14	3,364	15	3,300	14	2,815	12	3,103	13
Total	15,050	37	15,291	43	15,345	35	11,741	38	12,875	46

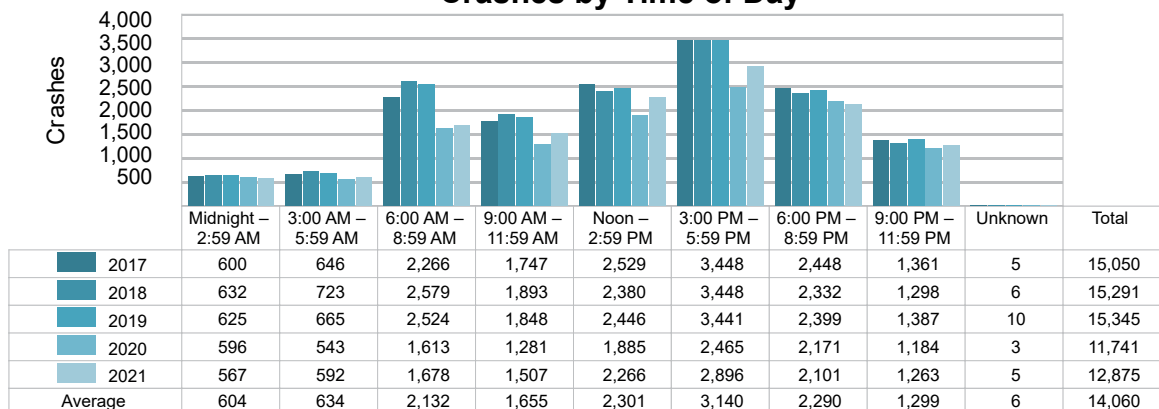
5-Year Crash Trends by Weekday (Monday - Friday)
and Weekend (Saturday & Sunday)

5-Year Trend - Crashes by Time of Day

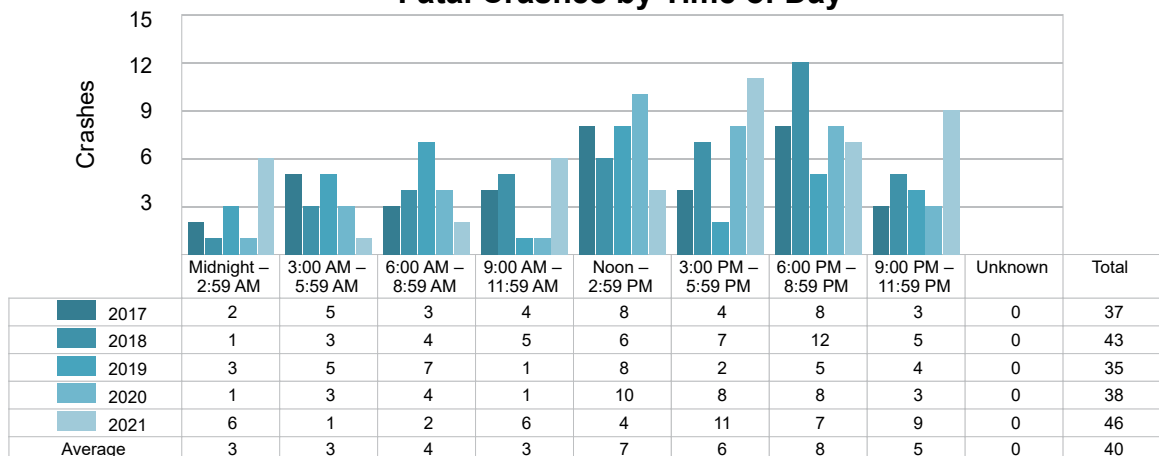
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	600	2	632	1	625	3	596	1	567	6
3:00 AM – 5:59 AM	646	5	723	3	665	5	543	3	592	1
6:00 AM – 8:59 AM	2,266	3	2,579	4	2,524	7	1,613	4	1,678	2
9:00 AM – 11:59 AM	1,747	4	1,893	5	1,848	1	1,281	1	1,507	6
Noon – 2:59 PM	2,529	8	2,380	6	2,446	8	1,885	10	2,266	4
3:00 PM – 5:59 PM	3,448 †	4	3,448 †	7	3,441 †	2	2,465 †	8	2,896 †	11
6:00 PM – 8:59 PM	2,448	8	2,332	12	2,399	5	2,171	8	2,101	7
9:00 PM – 11:59 PM	1,361	3	1,298	5	1,387	4	1,184	3	1,263	9
Unknown	5	0	6	0	10	0	3	0	5	0
Total	15,050	37	15,291	43	15,345	35	11,741	38	12,875	46

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

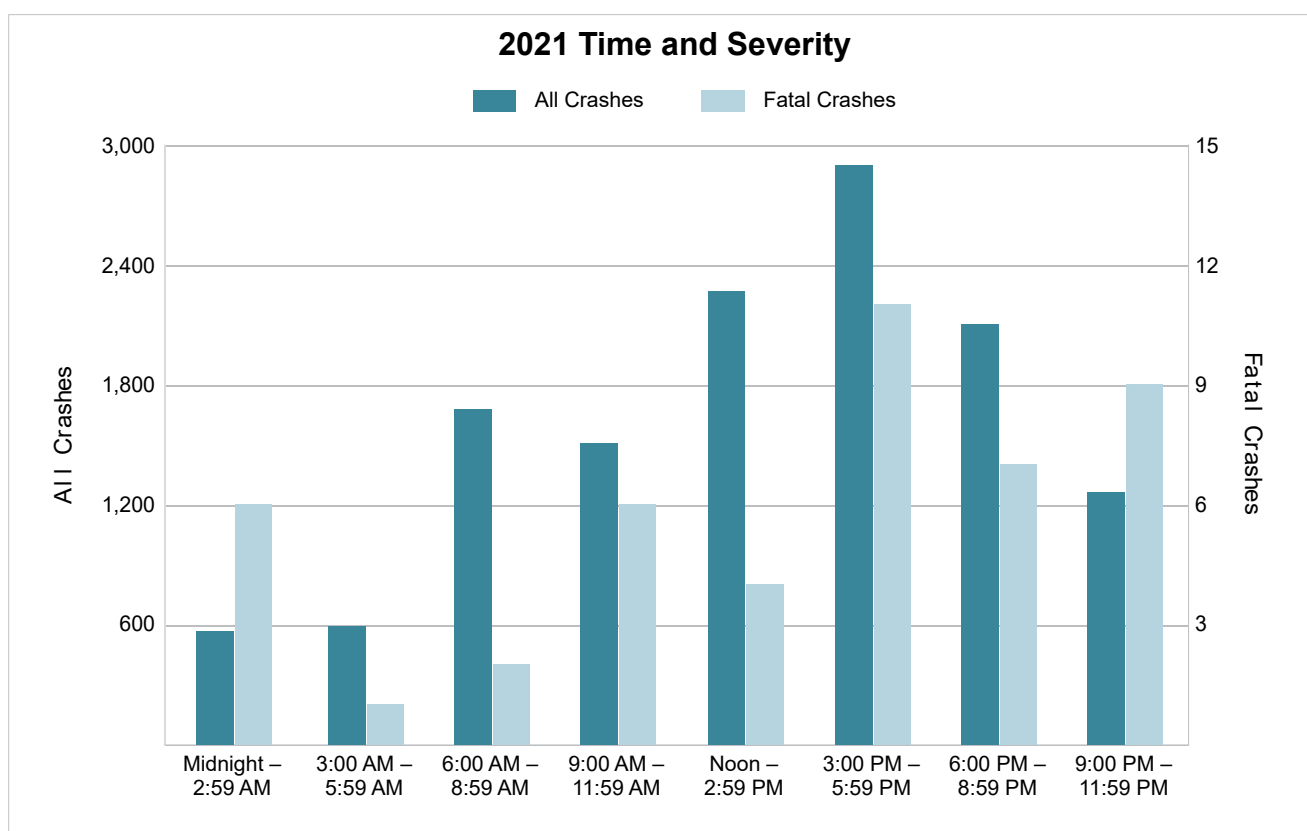


5-Year Trend Fatal Crashes by Time of Day



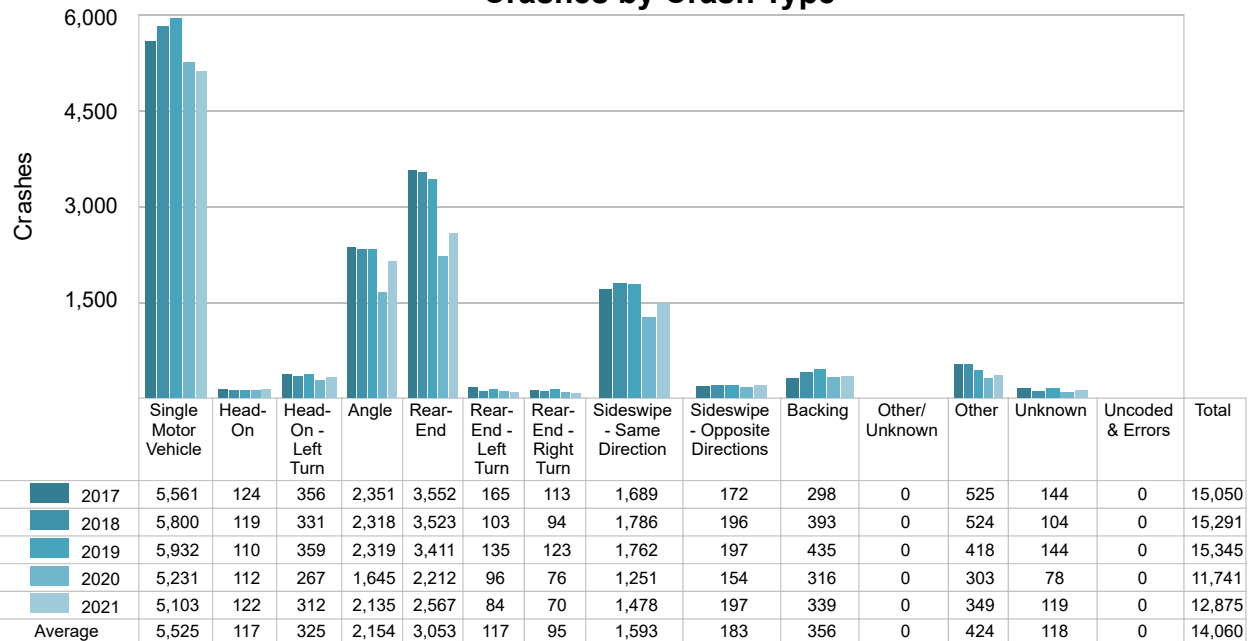
2021 - Time and Severity

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	567	4.4	6	13.0	11	35	54	461
3:00 AM – 5:59 AM	592	4.6	1	2.2	12	28	43	508
6:00 AM – 8:59 AM	1,678	13.0	2	4.3	15	69	157	1,435
9:00 AM – 11:59 AM	1,507	11.7	6	13.0	20	83	171	1,227
Noon – 2:59 PM	2,266	17.6	4	8.7	30	128	283	1,821
3:00 PM – 5:59 PM	2,896	22.5	11	23.9	51	158	359	2,317
6:00 PM – 8:59 PM	2,101	16.3	7	15.2	57	120	234	1,683
9:00 PM – 11:59 PM	1,263	9.8	9	19.6	17	70	133	1,034
Unknown	5	0.0	0	0.0	0	0	0	5
Total	12,875	100.0	46	100.0	213	691	1,434	10,491



5-Year Trend - Crashes by Crash Type

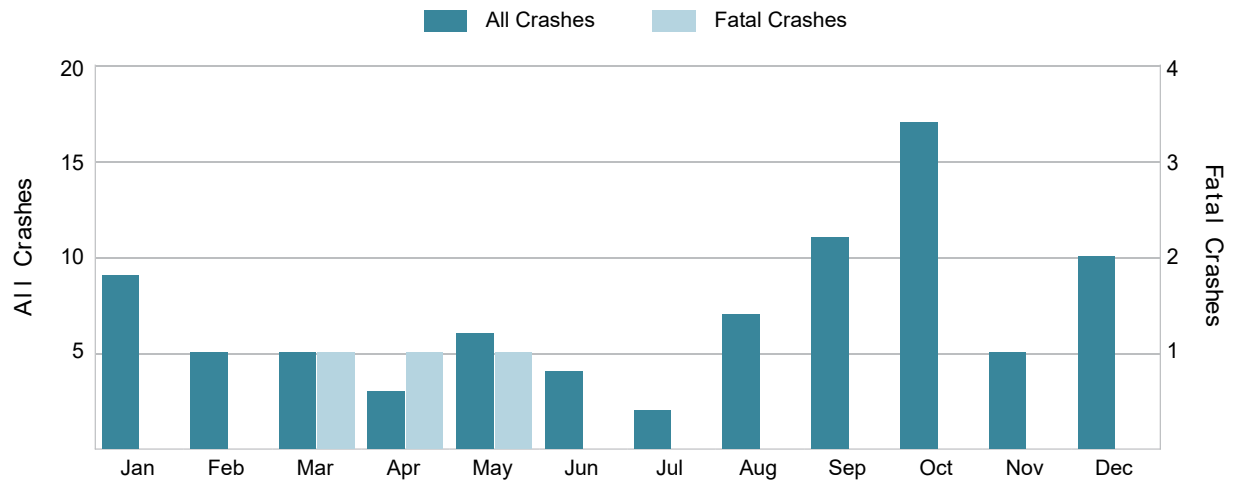
Crash Type	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single Motor Vehicle	5,561	21	5,800	16	5,932	16	5,231	15	5,103	24
Head-On	124	0	119	5	110	6	112	6	122	2
Head-On - Left Turn	356	5	331	2	359	2	267	2	312	0
Angle	2,351	6	2,318	8	2,319	8	1,645	12	2,135	18
Rear-End	3,552	2	3,523	3	3,411	1	2,212	2	2,567	1
Rear-End - Left Turn	165	0	103	2	135	0	96	0	84	0
Rear-End - Right Turn	113	0	94	0	123	0	76	0	70	0
Sideswipe - Same Direction	1,689	0	1,786	1	1,762	1	1,251	0	1,478	0
Sideswipe - Opposite Directions	172	0	196	0	197	0	154	0	197	1
Backing	298	0	393	1	435	0	316	0	339	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	525	3	524	5	418	1	303	1	349	0
Unknown	144	0	104	0	144	0	78	0	119	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	15,050	37	15,291	43	15,345	35	11,741	38	12,875	46

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	13	0	16	1	12	0	9	1	9	0
February	10	0	8	0	5	0	8	0	5	0
March	11	1	5	1	9	0	2	0	5	1
April	14	2	10	0	6	0	2	0	3	1
May	14	1	6	0	5	0	1	0	6	1
June	11	0	6	0	2	0	9	0	4	0
July	3	1	3	0	8	0	6	0	2	0
August	7	1	3	0	3	0	8	1	7	0
September	12	0	10	1	13	1	7	1	11	0
October	12	1	10	0	19	2	6	0	17	0
November	10	1	14	0	14	0	7	1	5	0
December	10	0	5	0	9	1	4	2	10	0
Total	127	8	96	3	105	4	69	6	84	3

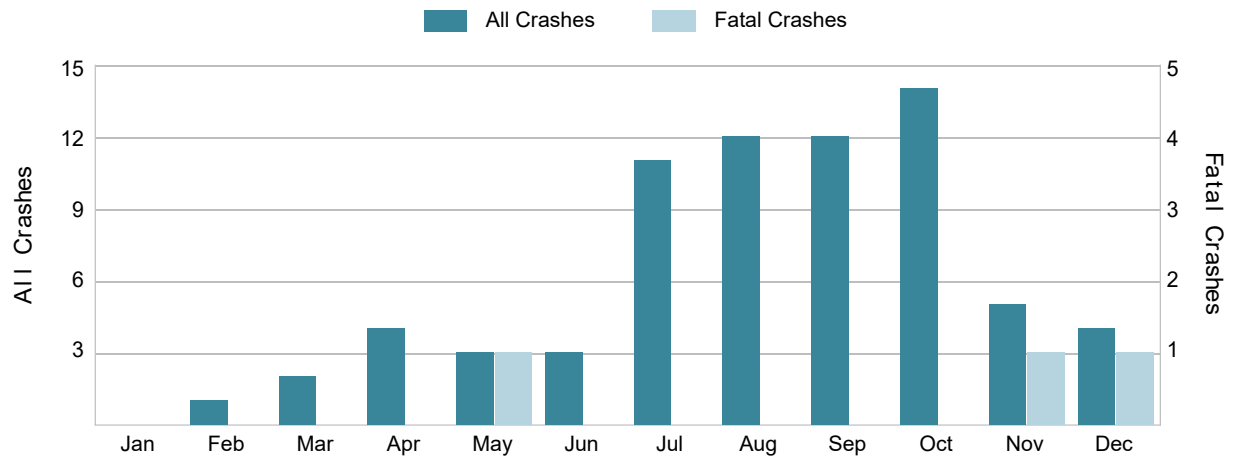
2021 Pedestrian-Involved Crashes by Month



5-Year Trend - Bicyclist-Involved Crashes by Month

Month	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	5	1	3	0	3	0	2	0	0	0
February	2	0	3	0	0	0	4	0	1	0
March	4	0	8	0	7	0	2	0	2	0
April	13	0	1	0	3	0	1	0	4	0
May	9	0	15	0	8	0	3	0	3	1
June	9	0	7	0	12	0	4	0	3	0
July	9	0	6	0	10	0	8	0	11	0
August	13	1	12	0	9	1	8	0	12	0
September	25	0	14	0	20	0	7	0	12	0
October	18	0	21	0	23	0	5	0	14	0
November	9	0	12	0	6	0	7	1	5	1
December	4	0	4	0	1	0	3	1	4	1
Total	120	2	106	0	102	1	54	2	71	3

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
Clinton	2,201	4	265	1,932	349	311	258	1,282	51	23	1,116	4	3
Eaton	2,787	12	470	2,305	462	0	1,017	1,306	93	41	720	14	10
Ingham	7,887	30	1,603	6,254	1,233	324	1,879	4,442	256	67	976	66	58
Total	12,875	46	2,338	10,491	2,044	635	3,154	7,030	400	131	2,812	84	71

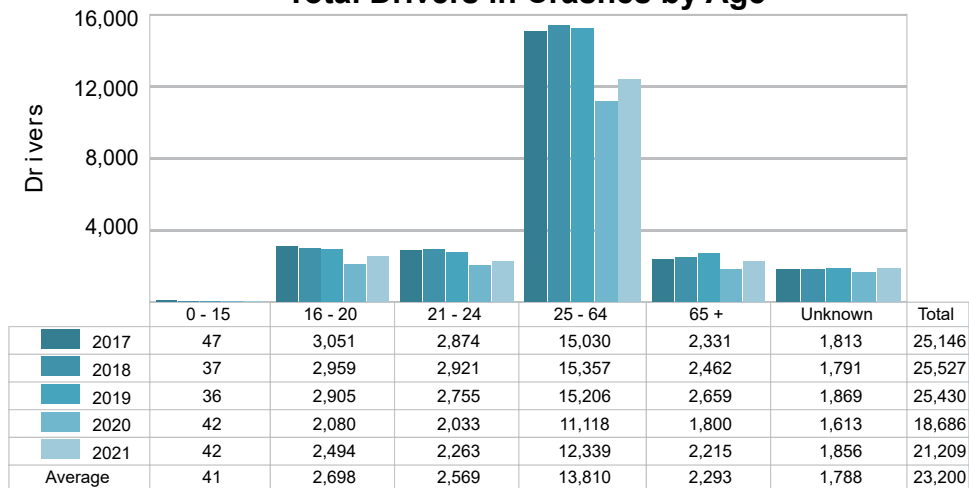
2021 - People in Reported Motor Vehicle Crashes by County

County	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Clinton	4	70	221	273	2,867	79
Eaton	14	142	317	644	4,339	265
Ingham	32	328	1,118	2,732	13,438	1,564
Total	50	540	1,656	3,649	20,644	1,908

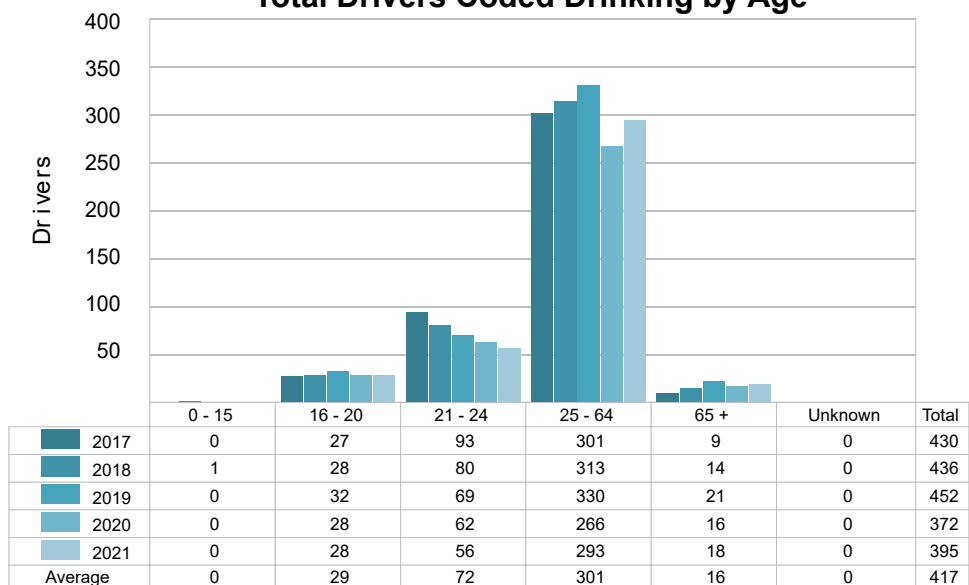
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	47	0	37	1	36	0	42	0	42	0
16 - 20	3,051	27	2,959	28	2,905	32	2,080	28	2,494	28
21 - 24	2,874	93	2,921	80	2,755	69	2,033	62	2,263	56
25 - 64	15,030	301	15,357	313	15,206	330	11,118	266	12,339	293
65 +	2,331	9	2,462	14	2,659	21	1,800	16	2,215	18
Unknown	1,813	0	1,791	0	1,869	0	1,613	0	1,856	0
Total	25,146	430	25,527	436	25,430	452	18,686	372	21,209	395

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	46	38	26	28	0	6	9	6	7
21 - 24	73	62	48	56	0	5	10	16	25
25 - 64	392	316	235	293	0	20	41	73	159
65 +	28	26	15	18	0	1	4	2	11
Unknown	40	0	0	0	0	0	0	0	0
Total	579	442	324	395	0	32	64	97	202

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).

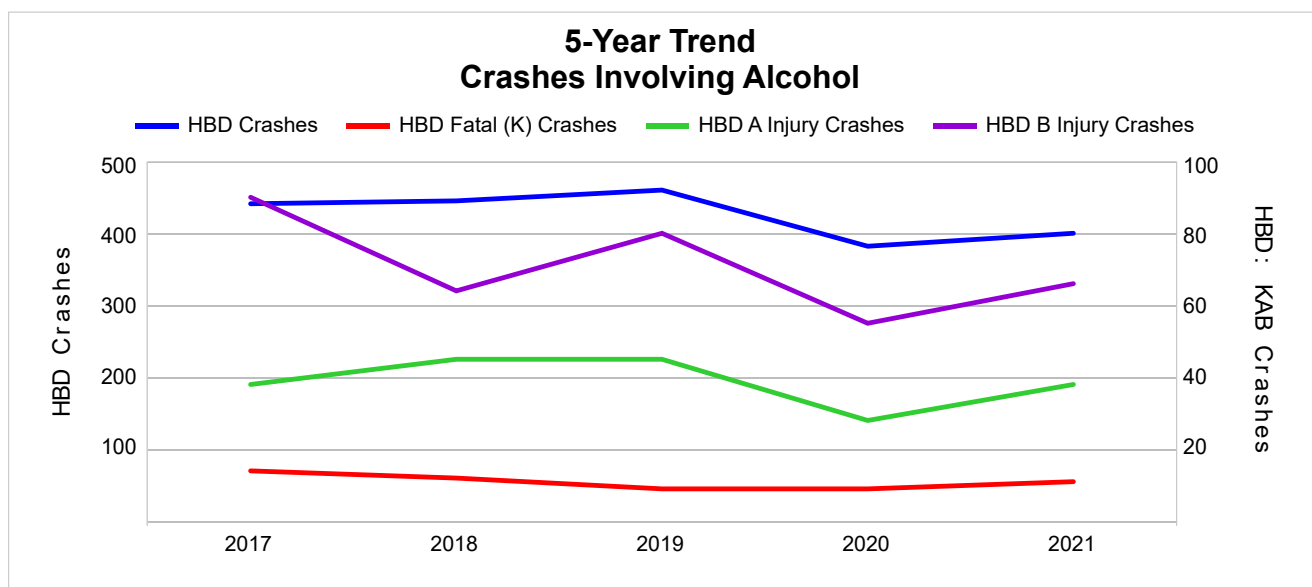
A driver may be coded by the officer as drinking even though no test is administered.

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	15,050	441	2.9	37	14	37.8	243	38	15.6	728	90	12.4
2018	15,291	445	2.9	43	12	27.9	231	45	19.5	679	64	9.4
2019	15,345	460	3.0	35	9	25.7	247	45	18.2	701	80	11.4
2020	11,741	382	3.3	38	9	23.7	215	28	13.0	547	55	10.1
2021	12,875	400	3.1	46 **	11	23.9	213 *	38	17.8	691	66	9.6

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.



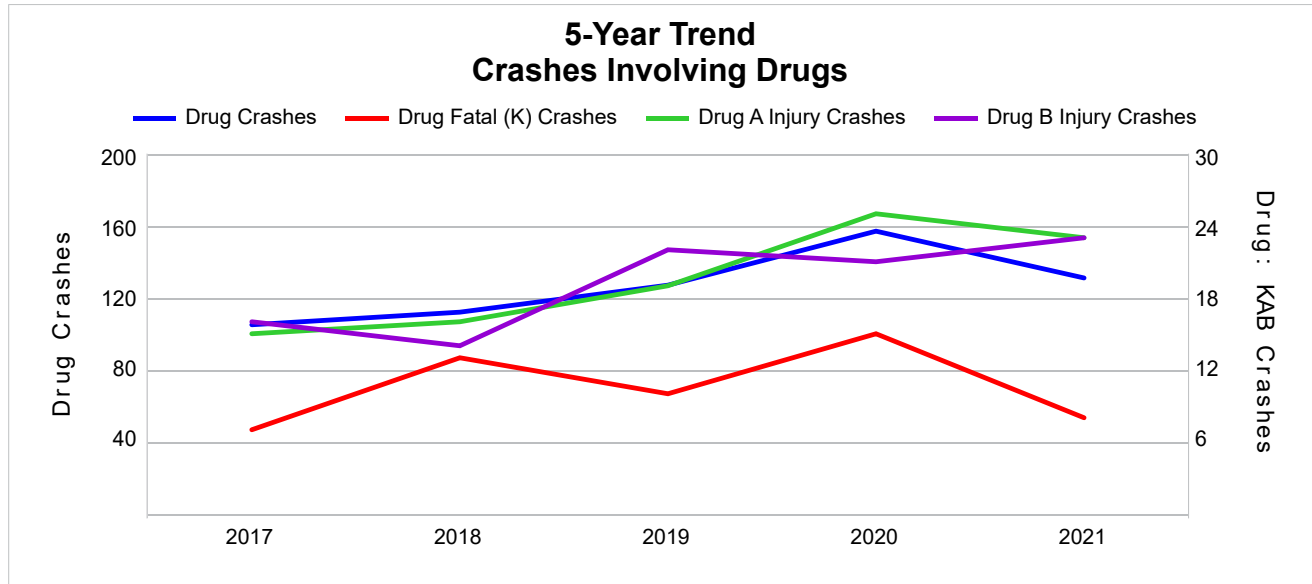
Note: Had-Been-Drinking (HBD)

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	15,050	105	0.7	37	7	18.9	243	15	6.2	728	16	2.2
2018	15,291	112	0.7	43	13	30.2	231	16	6.9	679	14	2.1
2019	15,345	127	0.8	35	10	28.6	247	19	7.7	701	22	3.1
2020	11,741	157	1.3	38	15	39.5	215	25	11.6	547	21	3.8
2021	12,875	131	1.0	46 **	8	17.4 *	213 *	23	10.8	691	23 **	3.3

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.

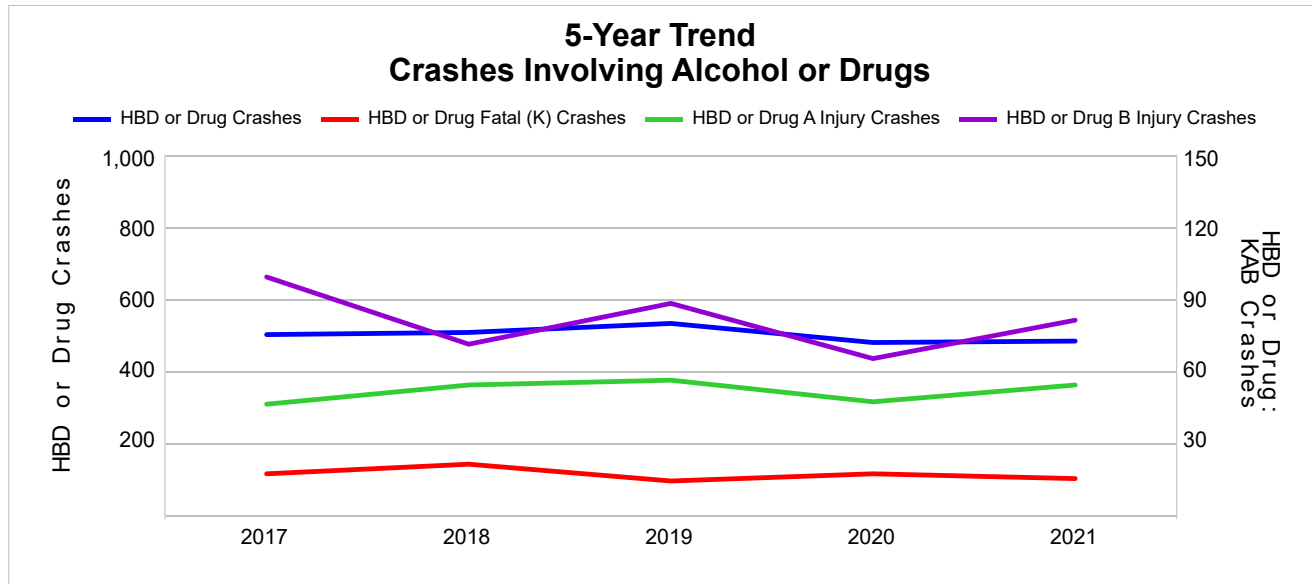


5-Year Trend - Crashes Involving Alcohol or Drugs

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	15,050	500	3.3	37	17	45.9	243	46	18.9	728	99	13.6
2018	15,291	506	3.3	43	21	48.8	231	54	23.4	679	71	10.5
2019	15,345	531	3.5	35	14	40.0	247	56	22.7	701	88	12.6
2020	11,741	478	4.1	38	17	44.7	215	47	21.9	547	65	11.9
2021	12,875	482	3.7	46 **	15	32.6 *	213 *	54	25.4 **	691	81	11.7

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)

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	17,891	16,092	89.9	28	18	64.3	180	129	71.7	676	595	88.0	1,771	1,663	93.9	14,176	13,687	96.6
Motor Home	76	72	94.7	0	0	0.0	1	0	0.0	3	2	66.7	7	7	100.0	65	63	96.9
Pickup Truck	2,291	2,042	89.1	4	1	25.0	17	9	52.9	72	61	84.7	159	145	91.2	1,900	1,826	96.1
Small Truck Under 10,000 lbs. GVWR	91	81	89.0	0	0	0.0	0	0	0.0	3	3	100.0	6	5	83.3	76	73	96.1
Motorcycle	150	82	54.7	11	4	36.4	35	14	40.0	51	28	54.9	23	16	69.6	25	20	80.0
Moped/Goped	31	5	16.1	0	0	0.0	6	0	0.0	10	3	30.0	9	1	11.1	5	1	20.0
Go-Cart/Golf Cart	2	2	100.0	0	0	0.0	0	0	0.0	1	1	100.0	1	1	100.0	0	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)	8	2	25.0	0	0	0.0	1	0	0.0	2	1	50.0	1	0	0.0	4	1	25.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	135	92	68.1	0	0	0.0	1	0	0.0	5	2	40.0	11	5	45.5	107	85	79.4
Truck/Bus (over 10,000 lbs. GVWR/ 8+ occupants/ hazmat placard)	595	546	91.8	1	1	100.0	6	5	83.3	11	10	90.9	25	17	68.0	528	513	97.2
Uncoded & Errors	660	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	0	0.0
Total	21,930	19,016	86.7	44	24	54.5	247	157	63.6	834	706	84.7	2,013	1,860	92.4	16,888	16,269	96.3

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	236	204	86.4	1	0	0.0	10	5	50.0	44	34	77.3	144	133	92.4	35	32	91.4
16 - 20	2,608	2,473	94.8	4	3	75.0	27	15	55.6	114	89	78.1	246	230	93.5	2,212	2,136	96.6
21 - 24	2,330	2,205	94.6	3	0	0.0	28	19	67.9	114	97	85.1	216	206	95.4	1,956	1,883	96.3
25 - 64	12,619	11,946	94.7	23	13	56.5	154	97	63.0	451	384	85.1	1,175	1,076	91.6	10,782	10,376	96.2
65 +	2,281	2,186	95.8	13	8	61.5	28	21	75.0	111	102	91.9	232	215	92.7	1,892	1,840	97.3
Unknown	1,856	2	0.1	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	11	2	18.2
Total	21,930	19,016	86.7	44	24	54.5	247	157	63.6	834	706	84.7	2,013	1,860	92.4	16,888	16,269	96.3

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	40	0	5	38	0	5	40	0	4	34	0	8	49	0	15
Shoulder Belt Only Used	91	0	14	86	0	9	84	1	9	79	0	14	89	0	6
Lap Belt Only Used	56	0	7	51	1	7	60	0	7	22	0	2	49	0	6
Both Lap & Shoulder Belt Used	22,278	5	2,324	22,660	20	2,228	22,525	8	2,352	16,167	10	1,783	18,165	17	2,030
No Belts Used	124	4	41	128	7	53	123	6	61	116	7	68	112	5	58
Child Restraint Used - Forward Facing	2	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	1	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	2	0	0	0	0	0	0	0	0
Restraint Failure	4	0	1	11	0	0	4	0	0	0	0	0	5	0	1
Restraint Use Unknown	2,223	3	77	2,353	0	71	2,414	3	78	2,108	5	73	2,562	4	138
Helmet Worn	97	8	66	81	3	58	90	4	66	86	3	66	82	4	57
Helmet Not Worn	80	1	63	88	2	64	76	2	57	64	2	53	79	5	67
Helmet Use Unknown	11	1	5	7	1	4	3	2	0	8	0	4	8	2	2
Uncoded & Errors	139	0	1	24	0	0	9	0	0	2	0	0	9	0	0
Total	25,146	22	2,604	25,527	34	2,499	25,430	26	2,634	18,686	27	2,071	21,209	37	2,380

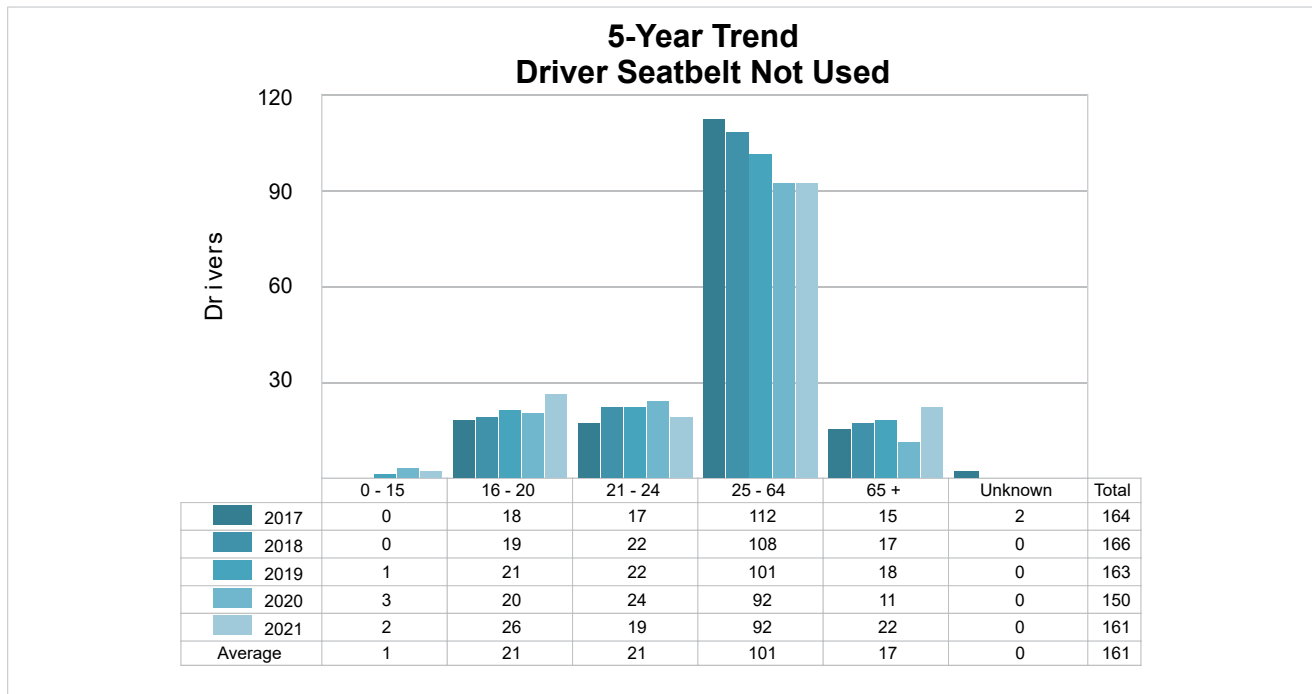
5-Year Trend - Restraint Use Among Drivers Coded Drinking

Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	0	0	0	0	0	0	1	0	1	1	0	0	1	0	1
Shoulder Belt Only Used	0	0	0	2	0	1	4	0	0	2	0	1	2	0	0
Lap Belt Only Used	2	0	1	0	0	0	1	0	1	1	0	1	3	0	2
Both Lap & Shoulder Belt Used	307	2	102	322	2	111	320	0	114	260	1	91	258	1	100
No Belts Used	27	1	17	27	3	17	30	2	20	27	2	21	25	3	15
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	82	2	29	78	0	31	82	3	27	77	0	21	94	0	27
Helmet Worn	3	1	2	3	1	2	4	0	4	1	0	1	2	0	2
Helmet Not Worn	8	1	7	4	1	3	10	1	9	3	0	2	9	2	7
Helmet Use Unknown	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	430	7	159	436	7	165	452	6	176	372	3	138	395	7	154

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	0	0	0	1	0	0	3	0	2	2	0	1
16 - 20	18	1	5	19	0	8	21	2	11	20	0	9	26	1	13
21 - 24	17	0	5	22	1	8	22	2	6	24	0	8	19	0	12
25 - 64	112	3	33	108	4	36	101	2	41	92	4	52	92	2	33
65 +	15	0	3	17	2	6	18	0	7	11	3	5	22	2	14
Unknown	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	164	4	46	166	7	58	163	6	65	150	7	76	161	5	73

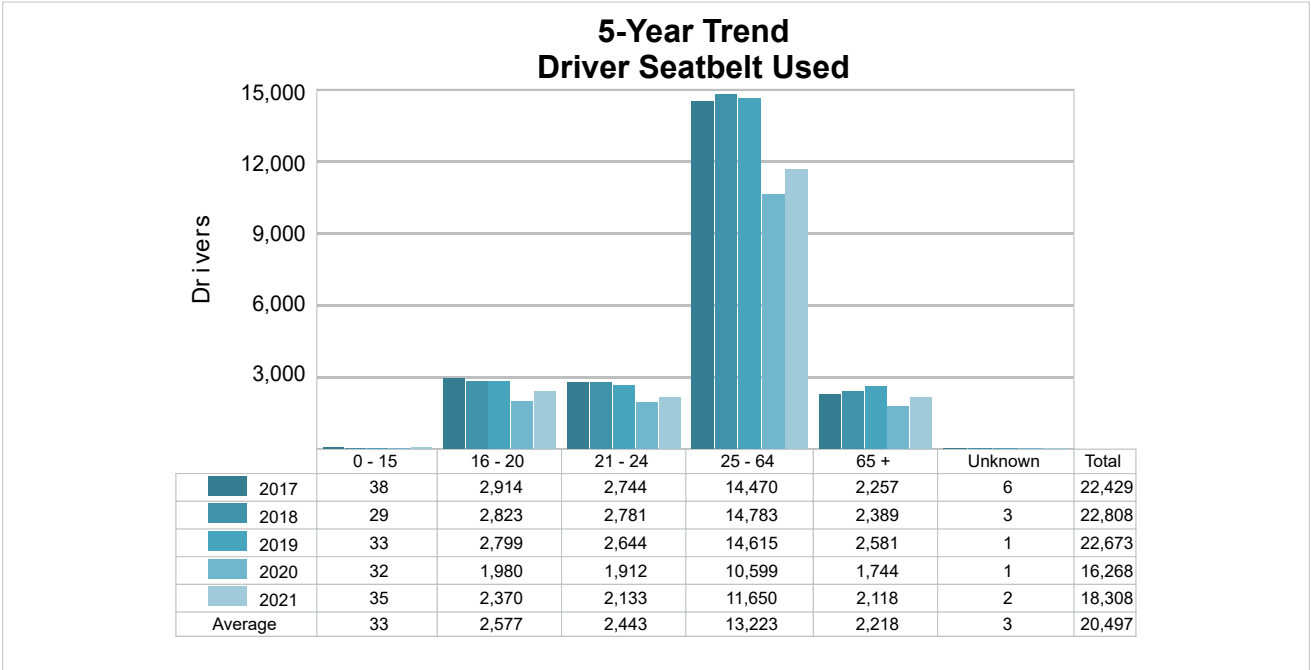
Note: Seatbelt Not Used includes no belts available or no belts used.



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	38	0	7	29	0	0	33	0	3	32	0	9	35	0	3
16 - 20	2,914	0	310	2,823	3	292	2,799	1	273	1,980	3	189	2,370	2	233
21 - 24	2,744	0	263	2,781	3	240	2,644	0	244	1,912	1	211	2,133	0	253
25 - 64	14,470	4	1,505	14,783	13	1,427	14,615	5	1,533	10,599	3	1,183	11,650	7	1,284
65 +	2,257	1	261	2,389	2	285	2,581	3	315	1,744	3	207	2,118	8	270
Unknown	6	0	0	3	0	0	1	0	0	1	0	0	2	0	0
Total	22,429	5	2,346	22,808	21	2,244	22,673	9	2,368	16,268	10	1,799	18,308	17	2,043

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	13,293	23	13,626	33	13,709	23	10,181	26	11,464	27
Speed Too Fast	1,459	9	1,552	11	1,403	8	1,033	6	971	12
Speed Too Slow	15	0	27	0	14	0	3	0	3	0
Failed to Yield	2,465	7	2,366	8	2,339	5	1,579	7	2,012	7
Disregard Traffic Control	615	2	653	2	638	2	546	4	682	5
Drove Wrong Way	22	0	26	0	17	0	19	1	27	0
Drove Left of Center	76	0	87	2	82	2	81	2	84	3
Improper Passing	110	0	117	0	123	1	99	1	120	0
Improper Lane Use	611	0	600	1	639	1	405	0	481	0
Improper Turn	341	1	332	0	327	1	275	0	294	0
Improper/No Signal	18	0	17	0	14	0	9	0	15	0
Improper Backing	399	0	417	0	439	0	287	0	302	0
Unable to Stop in Assured Clear Distance	3,364	2	3,269	3	3,211	1	2,038	2	2,357	0
Other	597	2	670	2	617	1	476	3	580	3
Unknown	1,038	7	1,098	6	1,083	8	861	4	1,134	6
Reckless Driving	132	0	104	2	122	4	177	4	153	3
Careless/Negligent Driving	527	2	547	6	649	1	617	3	527	4
Uncoded & Errors	64	0	19	0	4	0	0	0	3	0
Total	25,146	55	25,527	76	25,430	58	18,686	63	21,209	70

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