



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

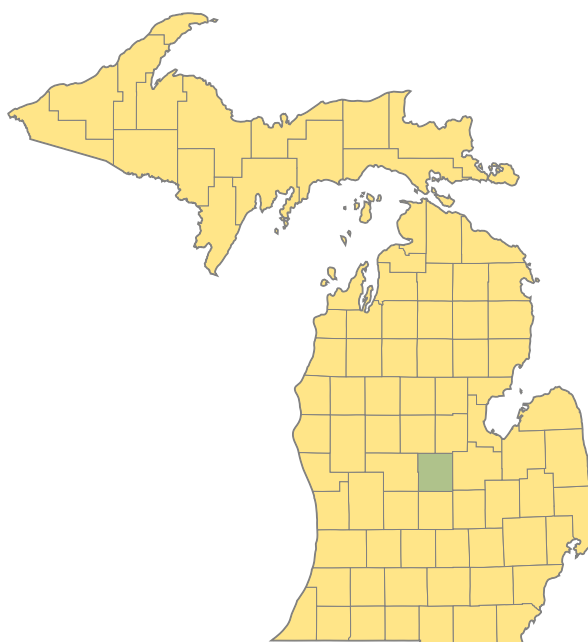
O = No Injury

Property Damage Only (PDO)



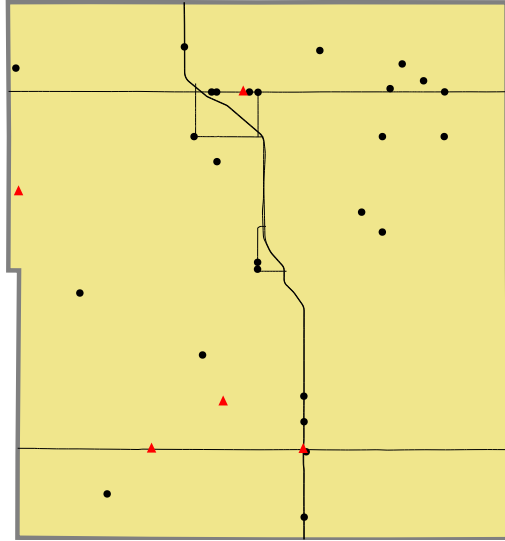
Gratiot County

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 (5/5)

● A - Suspected Serious (26/26)

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	146	0	12	134	0	14
February	153	0	9	144	0	11
March	96	0	9	87	0	10
April	76	2	9	65	2	11
May	96	0	13	83	0	17
June	102	0	15	87	0	24
July	141	0	13	128	0	16
August	90	1	15	74	1	26
September	138	1	18	119	1	22
October	197	0	14	183	0	21
November	211	1	14	196	1	22
December	160	0	17	143	0	21
Total	1,606	5	158	1,443	5	215

2021 - Driver Statistics

Age Group	Gratiot County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	6,894	233	5	7.3	214.6
16 - 20	3,134	1,776	247	788.1	1,390.8
21 - 24	2,401	1,661	191	795.5	1,149.9
25 - 64	21,044	16,978	1,284	610.2	756.3
65 +	7,238	6,905	220	304.0	318.6
Unknown	0	0	51	--	--
Total	40,711	27,553	1,998	490.8	725.1

*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	1,445	72.3	4	66.7	170	1,271
Motor Home	0	0.0	0	0.0	0	0
Pickup Truck	449	22.5	2	33.3	52	395
Small Truck Under 10,000 lbs. GVWR	5	0.3	0	0.0	0	5
Motorcycle	13	0.7	0	0.0	8	5
Moped/Goped	2	0.1	0	0.0	1	1
Go-Cart/Golf Cart	0	0.0	0	0.0	0	0
Snowmobile	1	0.1	0	0.0	1	0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	3	0.2	0	0.0	2	1
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	8	0.4	0	0.0	3	5
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	52	2.6	0	0.0	6	46
Uncoded & Errors	20	1.0	0	0.0	1	19
Total	1,998	100.0	6	100.0	244	1,748

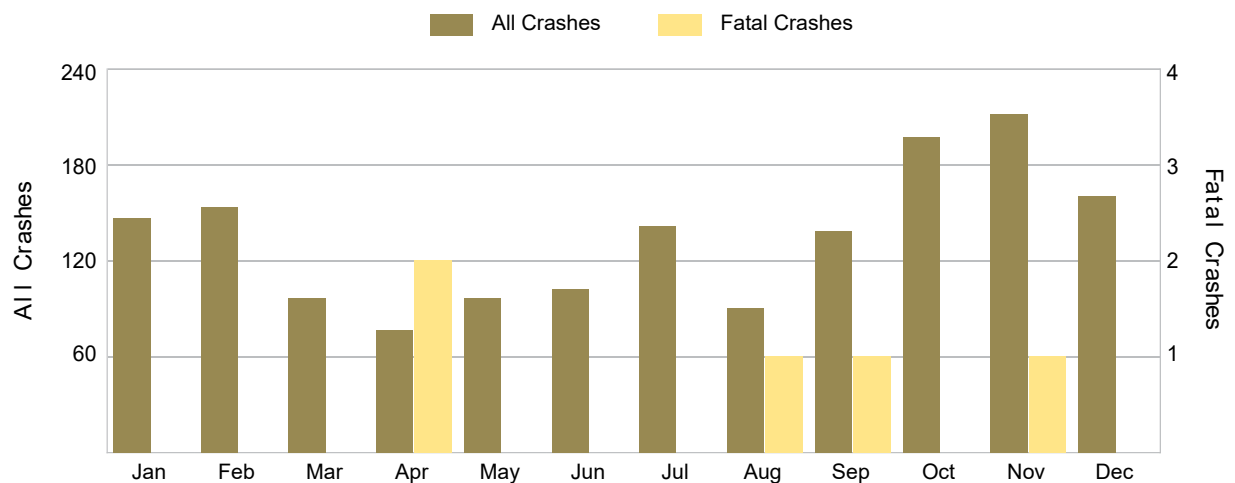
5-Year Trend - Crashes by Month

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	144	0	193	0	124	1	140	2	146	0
February	96	0	128	0	128	0	144	0	153	0
March	124	0	128	1	148	0	72	0	96	0
April	96	1	118	0	90	0	58	0	76	2
May	121	0	96	0	113	1	83	1	96	0
June	117	1	132	0	130	0	122	0	102	0
July	102	0	111	0	118	1	98	2	141	0
August	97	1	98	1	126	0	88	0	90	1
September	103	1	130	0	96	1	119	0	138	1
October	196	0	190	1	211	0	200	0	197	0
November	219	1	231	0	256	1	200	1	211	1
December	170	0	129	0	146	2	133	0	160	0
Total	1,585	5	1,684	3	1,686	7	1,457	6	1,606	5

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	210	1	224	0	238	3	187	0	243	1
Tuesday	237	0	249	0	293	0	204	0	227	1
Wednesday	231	0	230	1	245	1	234	1	212	0
Thursday	235	3	227	0	239	1	227	0	277	0
Friday	252	0	278	1	281	1	203	2	237	2
Saturday	221	1	256	1	192	1	191	3	219	0
Sunday	199	0	220	0	198	0	211	0	191	1
Total	1,585	5	1,684	3	1,686	7	1,457	6	1,606	5

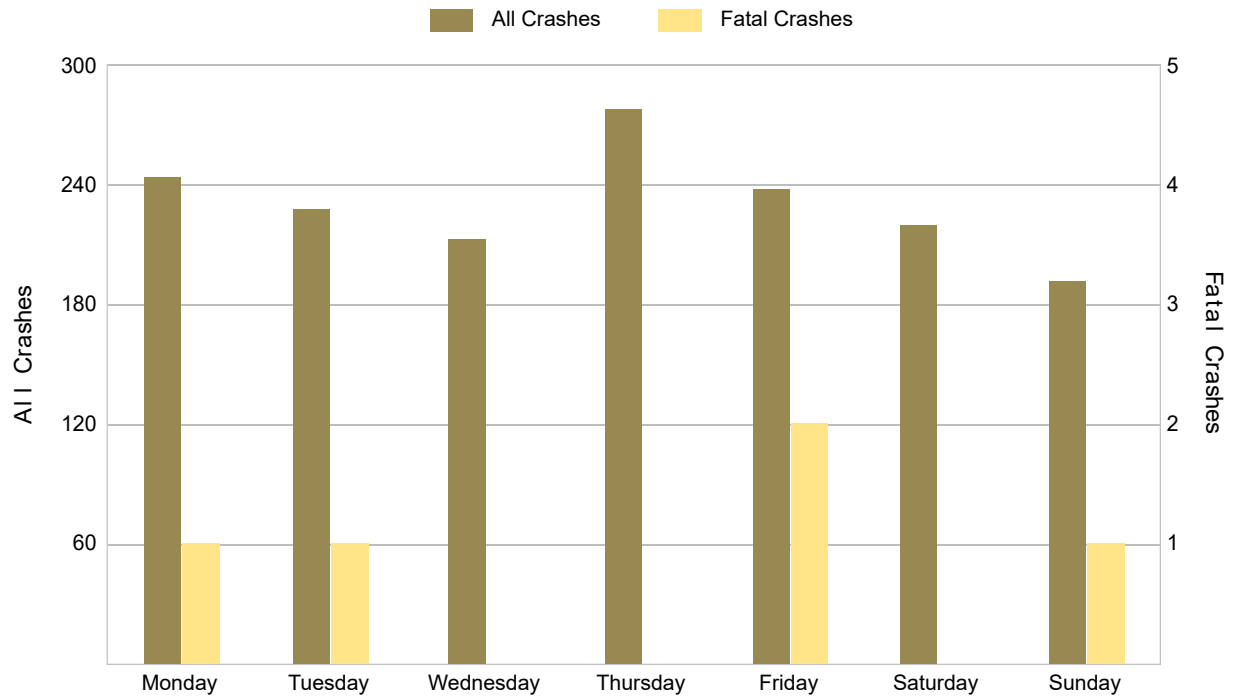
2021 Crashes by Month



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	243	15.1	1	20.0	3	6	19	214
Tuesday	227	14.1	1	20.0	3	3	11	209
Wednesday	212	13.2	0	0.0	1	5	10	196
Thursday	277	17.2	0	0.0	6	17	15	239
Friday	237	14.8	2	40.0	9	10	10	206
Saturday	219	13.6	0	0.0	2	8	7	202
Sunday	191	11.9	1	20.0	2	7	4	177
Total	1,606	100.0	5	100.0	26	56	76	1,443

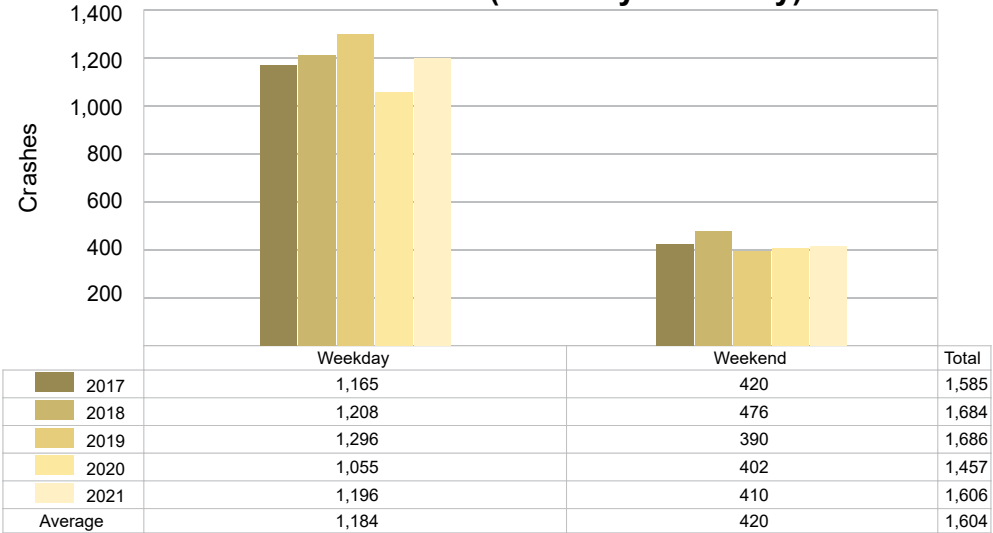
2021 Day of Week and Severity



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	1,165	4	1,208	2	1,296	6	1,055	3	1,196	4
Weekend	420	1	476	1	390	1	402	3	410	1
Total	1,585	5	1,684	3	1,686	7	1,457	6	1,606	5

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

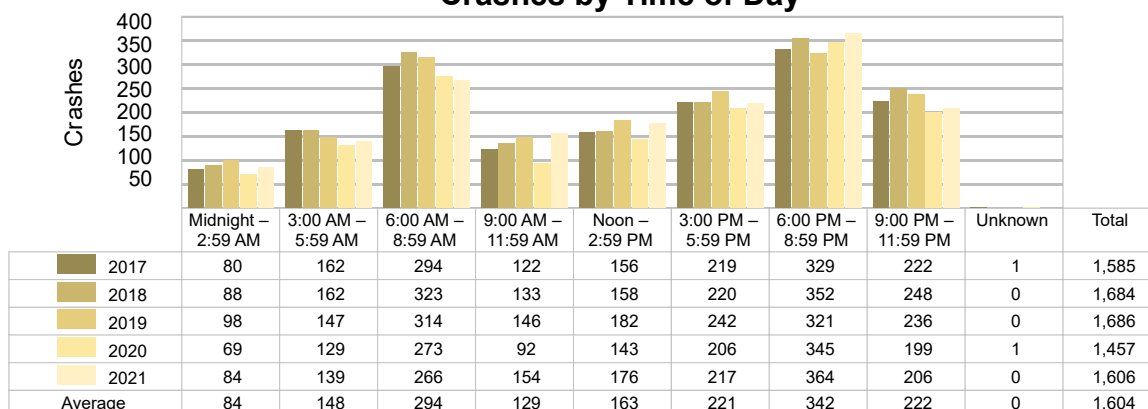


5-Year Trend - Crashes by Time of Day

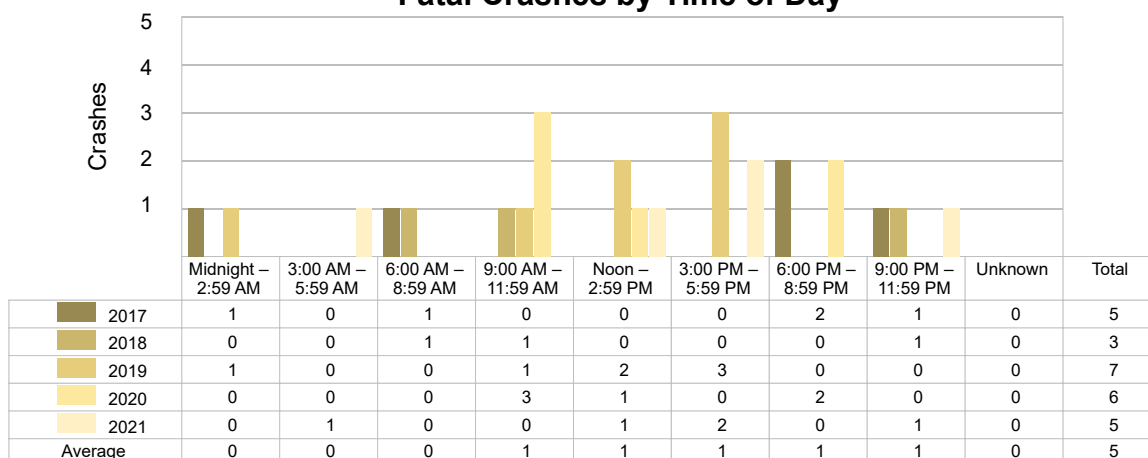
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	80	1	88	0	98	1	69	0	84	0
3:00 AM – 5:59 AM	162	0	162	0	147	0	129	0	139	1
6:00 AM – 8:59 AM	294	1	323	1	314	0	273	0	266	0
9:00 AM – 11:59 AM	122	0	133	1	146	1	92	3	154	0
Noon – 2:59 PM	156	0	158	0	182	2	143	1	176	1
3:00 PM – 5:59 PM	219	0	220	0	242	3	206	0	217	2
6:00 PM – 8:59 PM	329 †	2	352 †	0	321 †	0	345 †	2	364 †	0
9:00 PM – 11:59 PM	222	1	248	1	236	0	199	0	206	1
Unknown	1	0	0	0	0	0	1	0	0	0
Total	1,585	5	1,684	3	1,686	7	1,457	6	1,606	5

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

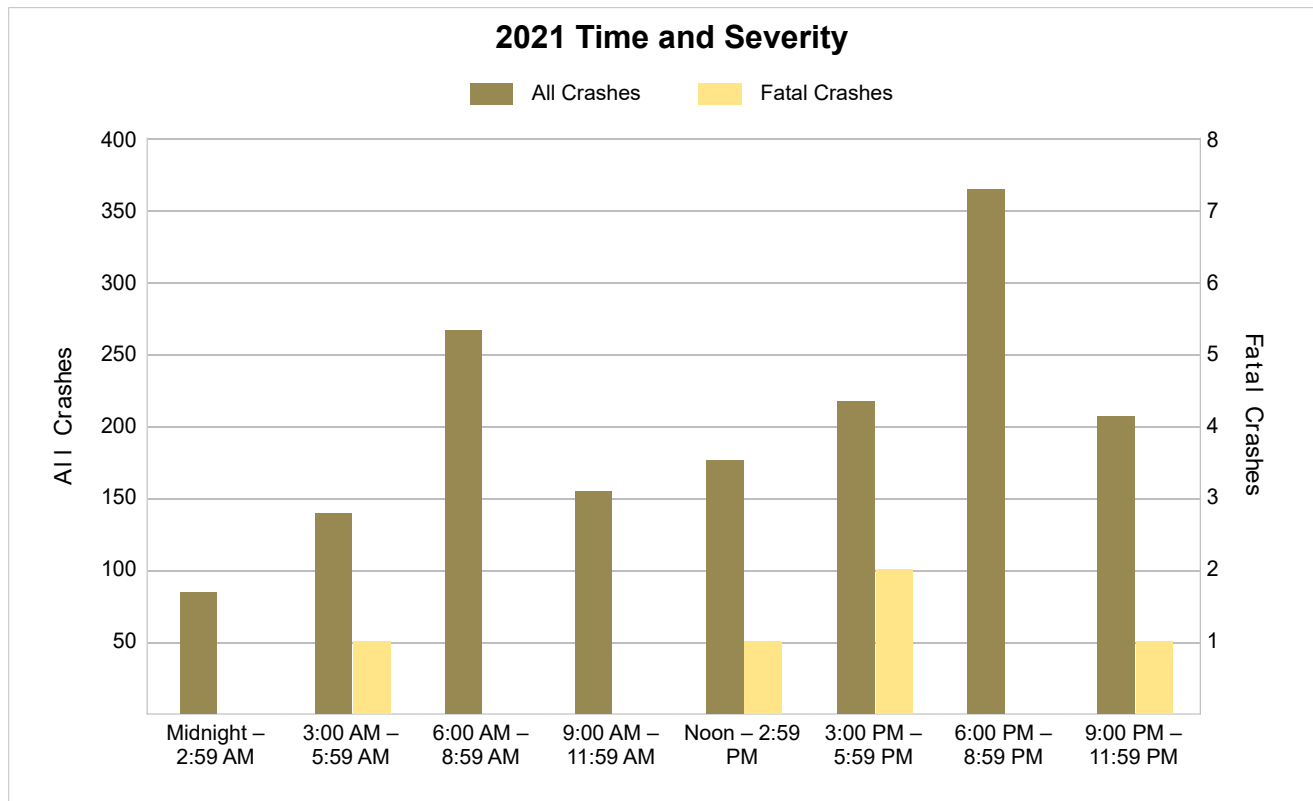


5-Year Trend Fatal Crashes by Time of Day



2021 - Time and Severity

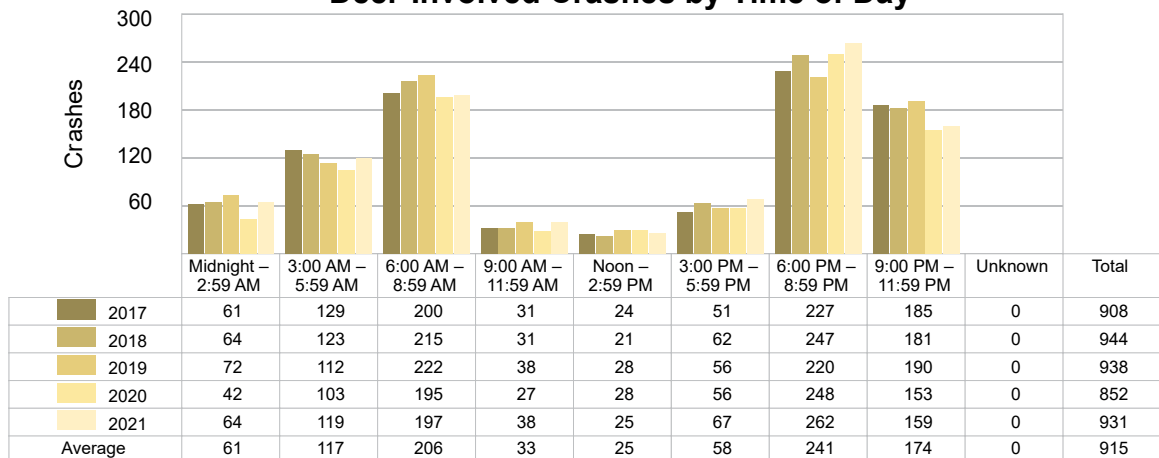
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	84	5.2	0	0.0	2	2	3	77
3:00 AM – 5:59 AM	139	8.7	1	20.0	1	1	3	133
6:00 AM – 8:59 AM	266	16.6	0	0.0	1	1	5	259
9:00 AM – 11:59 AM	154	9.6	0	0.0	5	7	9	133
Noon – 2:59 PM	176	11.0	1	20.0	5	11	16	143
3:00 PM – 5:59 PM	217	13.5	2	40.0	4	19	18	174
6:00 PM – 8:59 PM	364	22.7	0	0.0	7	11	15	331
9:00 PM – 11:59 PM	206	12.8	1	20.0	1	4	7	193
Unknown	0	0.0	0	0.0	0	0	0	0
Total	1,606	100.0	5	100.0	26	56	76	1,443



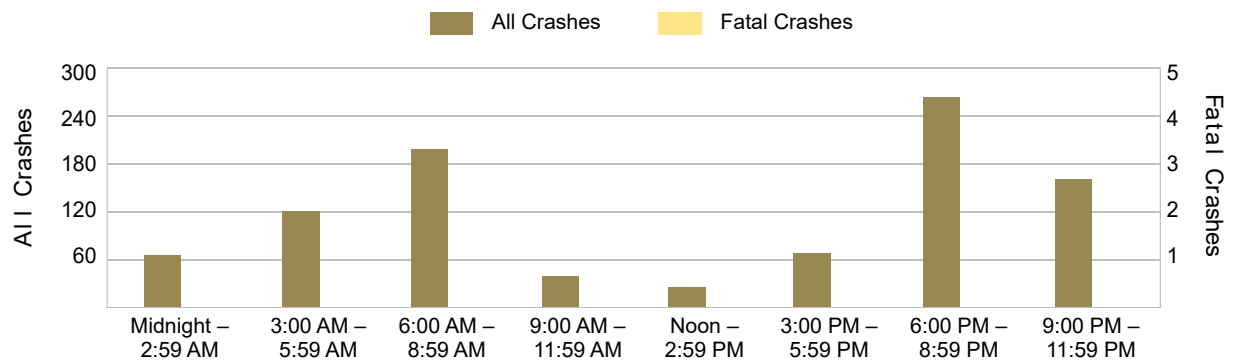
5-Year Trend - Deer-Involved Crashes by Time of Day

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	61	0	64	0	72	0	42	0	64	0
3:00 AM – 5:59 AM	129	0	123	0	112	0	103	0	119	0
6:00 AM – 8:59 AM	200	0	215	0	222	0	195	0	197	0
9:00 AM – 11:59 AM	31	0	31	0	38	0	27	0	38	0
Noon – 2:59 PM	24	0	21	0	28	0	28	0	25	0
3:00 PM – 5:59 PM	51	0	62	0	56	0	56	0	67	0
6:00 PM – 8:59 PM	227	0	247	0	220	0	248	0	262	0
9:00 PM – 11:59 PM	185	0	181	0	190	0	153	0	159	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	908	0	944	0	938	0	852	0	931	0

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



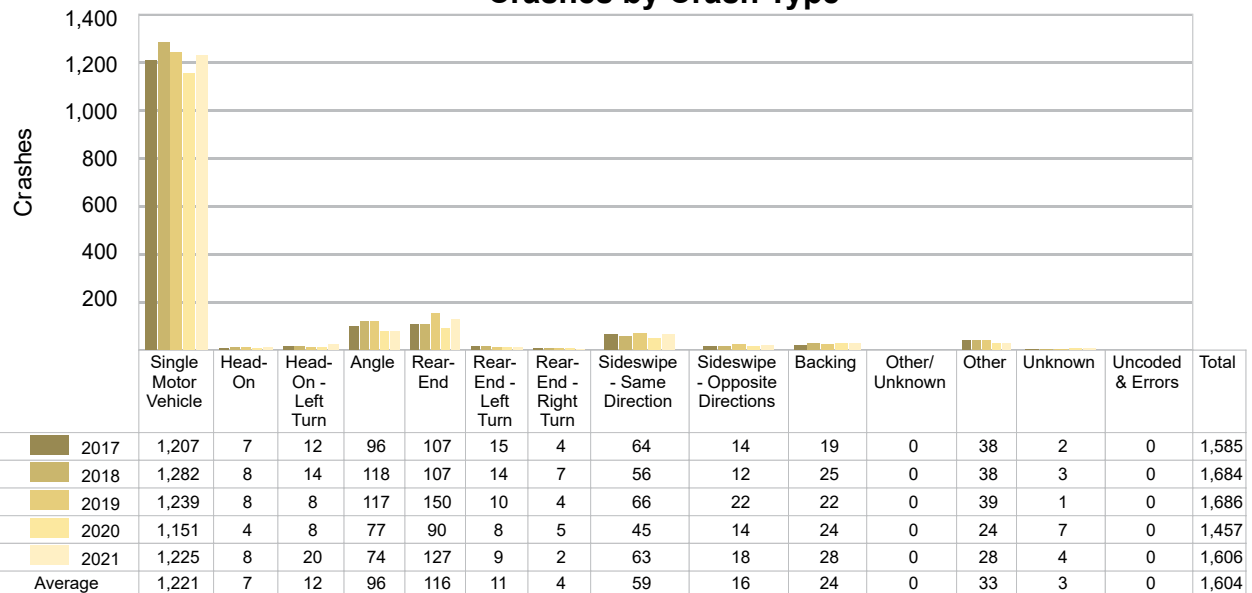
2021 Time and Severity of Deer-Involved Crashes



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

5-Year Trend - Crashes by Crash Type

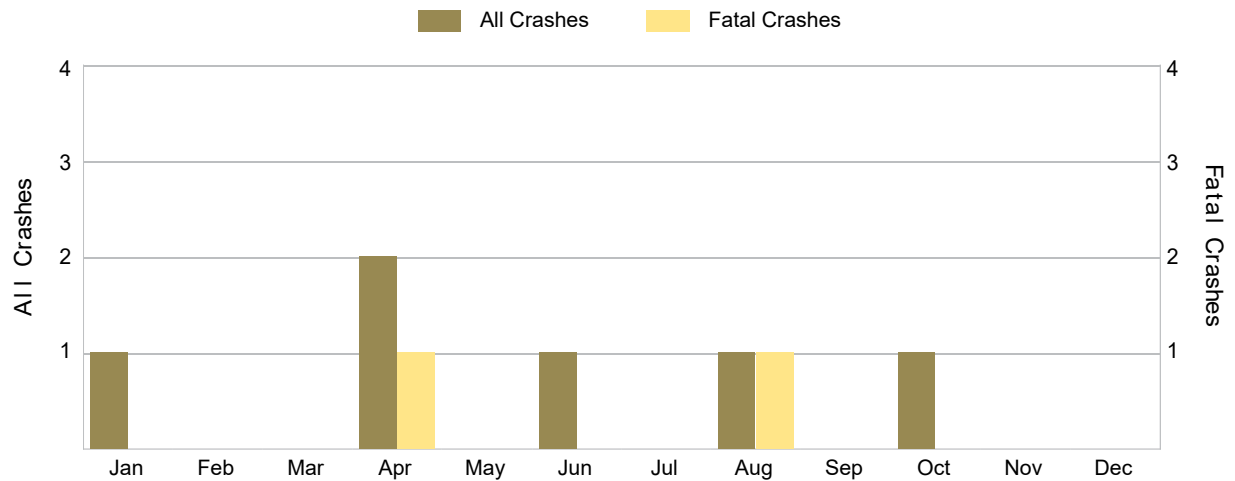
Crash Type	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single Motor Vehicle	1,207	3	1,282	1	1,239	2	1,151	3	1,225	4
Head-On	7	0	8	0	8	3	4	0	8	0
Head-On - Left Turn	12	0	14	0	8	0	8	0	20	1
Angle	96	1	118	1	117	0	77	2	74	0
Rear-End	107	1	107	1	150	1	90	1	127	0
Rear-End - Left Turn	15	0	14	0	10	0	8	0	9	0
Rear-End - Right Turn	4	0	7	0	4	0	5	0	2	0
Sideswipe - Same Direction	64	0	56	0	66	0	45	0	63	0
Sideswipe - Opposite Directions	14	0	12	0	22	0	14	0	18	0
Backing	19	0	25	0	22	0	24	0	28	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	38	0	38	0	39	1	24	0	28	0
Unknown	2	0	3	0	1	0	7	0	4	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	1,585	5	1,684	3	1,686	7	1,457	6	1,606	5

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	0	0	0	0	0	0	0	0	1	0
February	0	0	0	0	0	0	0	0	0	0
March	0	0	1	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	2	1
May	0	0	0	0	0	0	0	0	0	0
June	2	0	0	0	0	0	1	0	1	0
July	0	0	0	0	0	0	1	0	0	0
August	0	0	0	0	1	0	0	0	1	1
September	0	0	0	0	0	0	0	0	0	0
October	0	0	2	0	1	0	1	0	1	0
November	0	0	0	0	1	0	1	1	0	0
December	1	0	0	0	0	0	2	0	0	0
Total	3	0	3	0	3	0	6	1	6	2

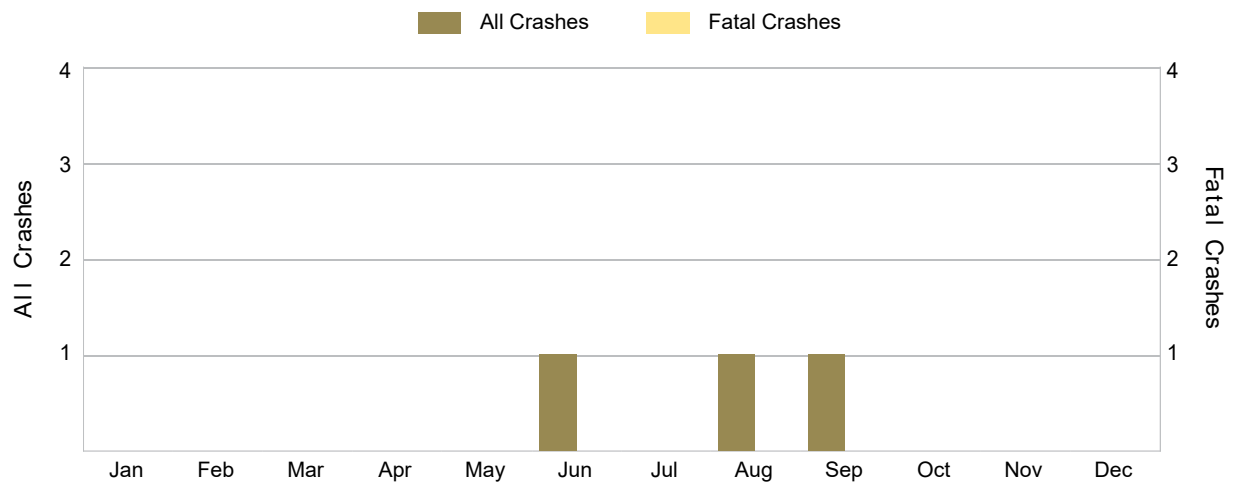
2021 Pedestrian-Involved Crashes by Month



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	0	0	1	0	0	0	0	0	0	0
February	0	0	0	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	1	0	0	0
May	0	0	1	0	0	0	0	0	0	0
June	1	0	1	0	1	0	0	0	1	0
July	1	0	0	0	1	0	0	0	0	0
August	2	1	0	0	2	0	0	0	1	0
September	1	0	0	0	1	0	0	0	1	0
October	0	0	0	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0
Total	5	1	3	0	5	0	1	0	3	0

2021 Bicyclist-Involved Crashes by Month



There were no fatal bicyclist-involved crashes in Gratiot County in 2021.

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
Alma	139	0	13	126	0	60	0	79	5	6	32	1	2
Arcada Twp.	92	0	10	82	0	0	0	92	2	1	65	0	0
Ashley	0	0	0	0	0	0	0	0	0	0	0	0	0
Bethany Twp.	48	0	7	41	0	1	20	27	2	1	25	0	0
Breckenridge	0	0	0	0	0	0	0	0	0	0	0	0	0
Elba Twp.	57	0	3	54	0	0	23	33	0	1	43	0	0
Emerson Twp.	137	0	11	126	0	66	0	71	0	1	87	0	0
Fulton Twp.	67	1	5	61	0	0	22	45	1	1	45	1	0
Hamilton Twp.	17	0	0	17	0	0	0	17	0	0	12	0	0
Ithaca	64	0	7	57	0	30	0	34	5	0	29	0	1
Lafayette Twp.	44	0	2	42	0	0	0	44	0	0	36	0	0
New Haven Twp.	32	0	2	30	0	0	0	32	3	0	23	0	0
Newark Twp.	72	1	6	65	0	0	0	72	0	0	49	0	0
North Shade Twp.	26	0	3	23	0	0	13	13	0	0	21	0	0
North Star Twp.	94	0	10	84	0	62	0	32	2	0	59	0	0
Perrinton	0	0	0	0	0	0	0	0	0	0	0	0	0
Pine River Twp.	258	0	30	228	0	122	62	74	1	3	131	0	0
Seville Twp.	105	0	9	96	0	0	51	54	2	0	69	1	0
St. Louis	63	1	9	53	0	16	30	17	0	0	22	1	0
Sumner Twp.	106	1	6	99	0	0	0	106	1	0	84	0	0
Washington Twp.	99	1	16	82	0	51	22	25	0	1	56	2	0
Wheeler Twp.	86	0	9	77	0	0	39	46	2	0	43	0	0
Total	1,606	5	158	1,443	0	408	282	913	26	15	931	6	3

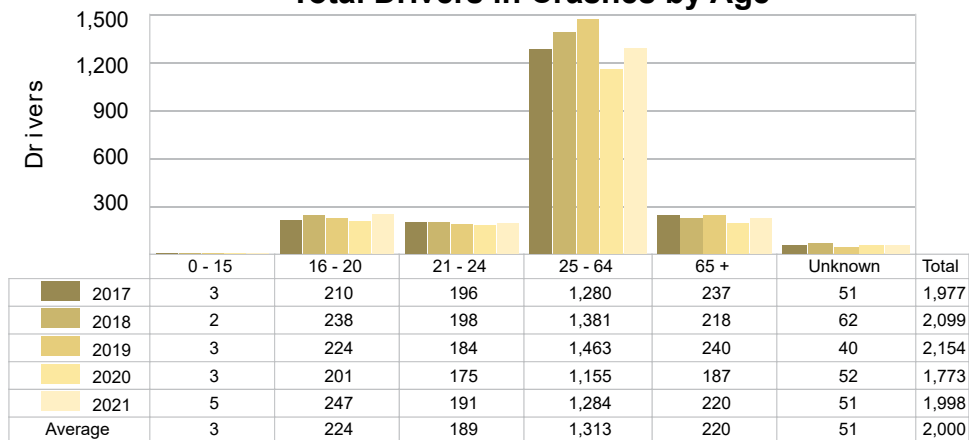
2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Alma	0	4	14	20	260	21
Arcada Twp.	0	1	5	19	127	1
Ashley	0	0	0	0	0	0
Bethany Twp.	0	1	5	5	64	0
Breckenridge	0	0	0	0	0	0
Elba Twp.	0	0	1	7	75	2
Emerson Twp.	0	1	11	11	172	1
Fulton Twp.	1	0	5	8	86	2
Hamilton Twp.	0	0	0	0	21	1
Ithaca	0	4	3	6	88	5
Lafayette Twp.	0	1	0	3	54	0
New Haven Twp.	0	2	1	0	37	1
Newark Twp.	1	2	13	3	92	0
North Shade Twp.	0	1	4	0	27	0
North Star Twp.	0	3	1	17	128	0
Perrinton	0	0	0	0	0	0
Pine River Twp.	0	10	27	35	396	2
Seville Twp.	0	1	8	7	142	1
St. Louis	1	6	13	9	100	6
Sumner Twp.	1	0	3	7	125	4
Washington Twp.	1	7	18	15	133	5
Wheeler Twp.	0	17	3	1	117	5
Total	5	61	135	173	2,244	57

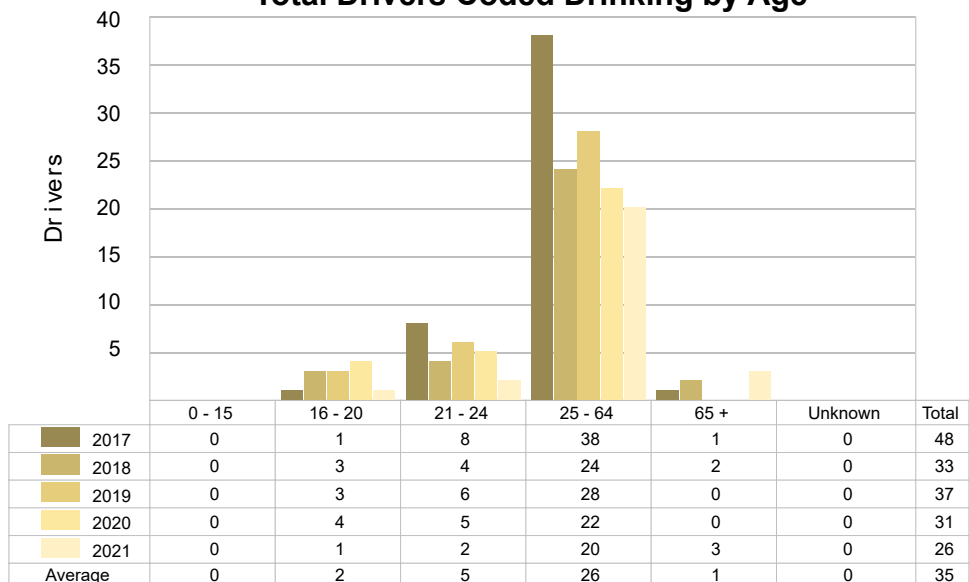
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	3	0	2	0	3	0	3	0	5	0
16 - 20	210	1	238	3	224	3	201	4	247	1
21 - 24	196	8	198	4	184	6	175	5	191	2
25 - 64	1,280	38	1,381	24	1,463	28	1,155	22	1,284	20
65 +	237	1	218	2	240	0	187	0	220	3
Unknown	51	0	62	0	40	0	52	0	51	0
Total	1,977	48	2,099	33	2,154	37	1,773	31	1,998	26

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	2	2	1	1	0	0	1	0	0
21 - 24	3	4	2	2	0	0	0	2	0
25 - 64	25	24	14	20	0	2	2	3	13
65 +	3	2	2	3	0	0	1	1	1
Unknown	0	0	0	0	0	0	0	0	0
Total	33	32	19	26	0	2	4	6	14

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).

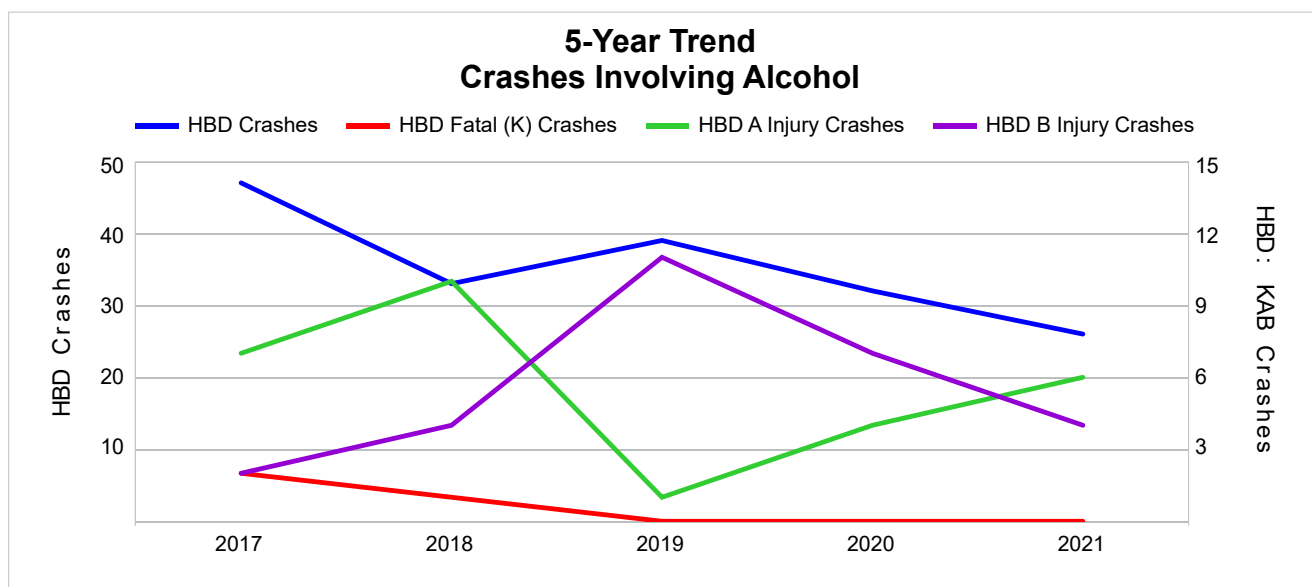
A driver may be coded by the officer as drinking even though no test is administered.

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	1,585	47	3.0	5	2	40.0	31	7	22.6	48	2	4.2
2018	1,684	33	2.0	3	1	33.3	29	10	34.5	44	4	9.1
2019	1,686	39	2.3	7	0	0.0	25	1	4.0	52	11	21.2
2020	1,457	32	2.2	6	0	0.0	24	4	16.7	52	7	13.5
2021	1,606	26 *	1.6 *	5	0	0.0	26	6	23.1	56 **	4	7.1

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

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



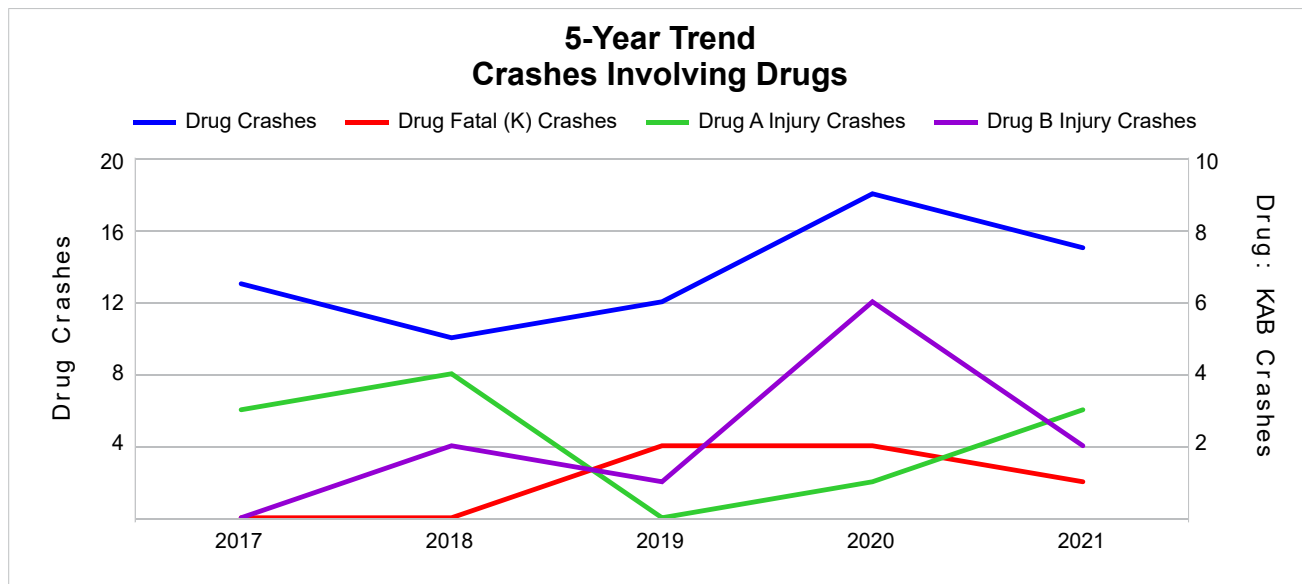
Note: Had-Been-Drinking (HBD)

5-Year Trend - Crashes Involving Drugs

Year	All Crashes	Drug Crashes	% Drug	Fatal Crashes	Drug Fatal Crashes	% Drug	A Injury Crashes	Drug A Injury Crashes	% Drug	B Injury Crashes	Drug B Injury Crashes	% Drug
2017	1,585	13	0.8	5	0	0.0	31	3	9.7	48	0	0.0
2018	1,684	10	0.6	3	0	0.0	29	4	13.8	44	2	4.5
2019	1,686	12	0.7	7	2	28.6	25	0	0.0	52	1	1.9
2020	1,457	18	1.2	6	2	33.3	24	1	4.2	52	6	11.5
2021	1,606	15	0.9	5	1	20.0	26	3	11.5	56 **	2	3.6

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.

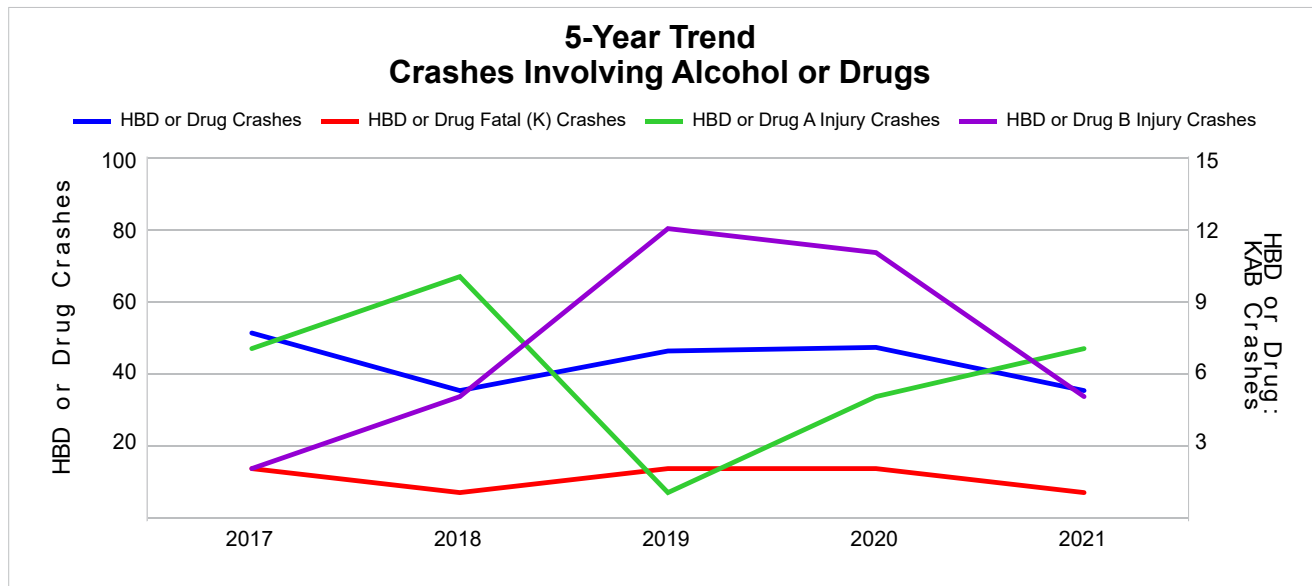


5-Year Trend - Crashes Involving Alcohol or Drugs

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	1,585	51	3.2	5	2	40.0	31	7	22.6	48	2	4.2
2018	1,684	35	2.1	3	1	33.3	29	10	34.5	44	5	11.4
2019	1,686	46	2.7	7	2	28.6	25	1	4.0	52	12	23.1
2020	1,457	47	3.2	6	2	33.3	24	5	20.8	52	11	21.2
2021	1,606	35	2.2	5	1	20.0 *	26	7	26.9	56 **	5	8.9

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)

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	1,494	1,432	95.9	1	1	100.0	15	13	86.7	51	49	96.1	95	91	95.8	1,306	1,278	97.9
Motor Home	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Pickup Truck	452	422	93.4	2	0	0.0	5	2	40.0	10	7	70.0	14	13	92.9	410	400	97.6
Small Truck Under 10,000 lbs. GVWR	5	5	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	5	100.0
Motorcycle	14	8	57.1	0	0	0.0	2	1	50.0	6	3	50.0	1	0	0.0	5	4	80.0
Moped/Goped	2	2	100.0	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0	1	1	100.0
Go-Cart/Golf Cart	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Snowmobile	1	1	100.0	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	3	1	33.3	0	0	0.0	1	0	0.0	1	1	100.0	0	0	0.0	1	0	0.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	8	3	37.5	0	0	0.0	2	1	50.0	0	0	0.0	0	0	0.0	6	2	33.3
Truck/Bus (over 10,000 lbs. GVWR/ 8+ occupants/ hazmat placard)	52	52	100.0	0	0	0.0	1	1	100.0	0	0	0.0	2	2	100.0	49	49	100.0
Uncoded & Errors	20	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	2,051	1,926	93.9	3	1	33.3	28	20	71.4	68	60	88.2	112	106	94.6	1,783	1,739	97.5

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	13	11	84.6	0	0	0.0	1	1	100.0	5	4	80.0	4	4	100.0	2	2	100.0
16 - 20	259	252	97.3	0	0	0.0	1	1	100.0	17	14	82.4	18	17	94.4	221	220	99.5
21 - 24	197	188	95.4	0	0	0.0	6	5	83.3	6	5	83.3	19	17	89.5	166	161	97.0
25 - 64	1,306	1,254	96.0	2	0	0.0	17	10	58.8	36	33	91.7	58	56	96.6	1,190	1,155	97.1
65 +	225	221	98.2	1	1	100.0	3	3	100.0	4	4	100.0	13	12	92.3	203	201	99.0
Unknown	51	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
Total	2,051	1,926	93.9	3	1	33.3	28	20	71.4	68	60	88.2	112	106	94.6	1,783	1,739	97.5

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	3	0	1	2	0	1	4	0	0	8	0	1	7	0	2
Shoulder Belt Only Used	5	0	0	12	0	0	12	0	0	11	0	1	8	0	1
Lap Belt Only Used	9	0	0	13	0	1	8	0	0	3	0	0	4	0	2
Both Lap & Shoulder Belt Used	1,852	1	140	1,956	1	148	2,040	4	151	1,639	0	116	1,853	0	128
No Belts Used	22	1	13	12	0	6	10	0	2	14	3	4	18	2	10
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	1	0	0	0	0	0	0	0	0	0	0	0
Restraint Use Unknown	77	0	2	88	0	2	74	0	5	76	0	1	91	0	2
Helmet Worn	2	0	2	9	0	8	3	0	2	12	1	8	12	0	7
Helmet Not Worn	6	1	5	6	0	5	3	0	3	10	0	9	5	0	4
Helmet Use Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,977	3	163	2,099	1	171	2,154	4	163	1,773	4	140	1,998	2	156

5-Year Trend - Restraint Use Among Drivers Coded Drinking

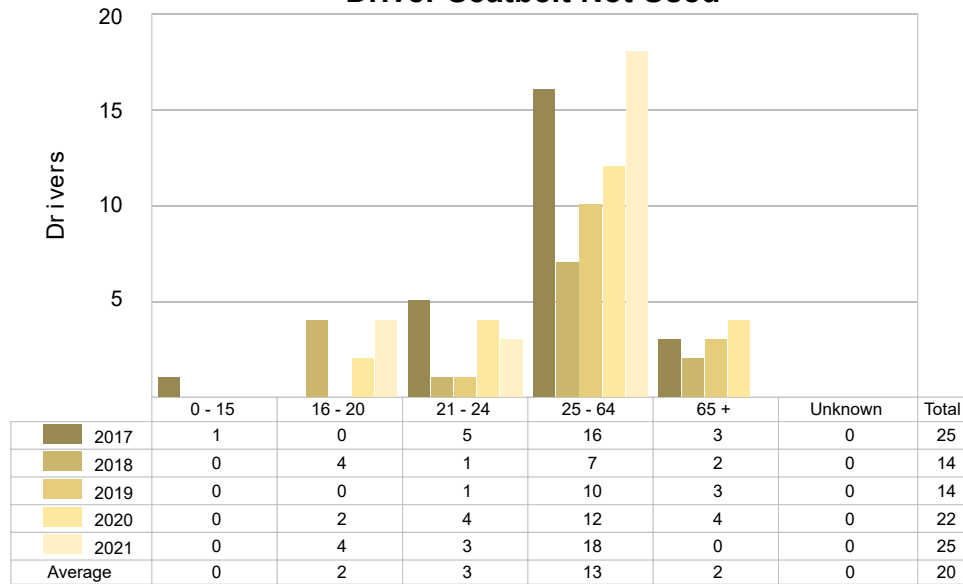
Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoulder Belt Only Used	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
Lap Belt Only Used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Both Lap & Shoulder Belt Used	30	0	5	21	1	6	28	0	9	23	0	6	17	0	5
No Belts Used	6	1	4	3	0	3	2	0	2	2	0	1	3	0	3
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	11	0	2	6	0	2	7	0	3	5	0	1	5	0	1
Helmet Worn	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
Helmet Not Worn	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0
Helmet Use Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	48	1	12	33	1	13	37	0	14	31	0	8	26	0	10

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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
16 - 20	0	0	0	4	0	2	0	0	0	2	0	1	4	0	4
21 - 24	5	1	3	1	0	1	1	0	0	4	1	1	3	0	1
25 - 64	16	0	8	7	0	4	10	0	2	12	0	3	18	2	7
65 +	3	0	2	2	0	0	3	0	0	4	2	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	25	1	14	14	0	7	14	0	2	22	3	5	25	2	12

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

5-Year Trend Driver Seatbelt Not Used

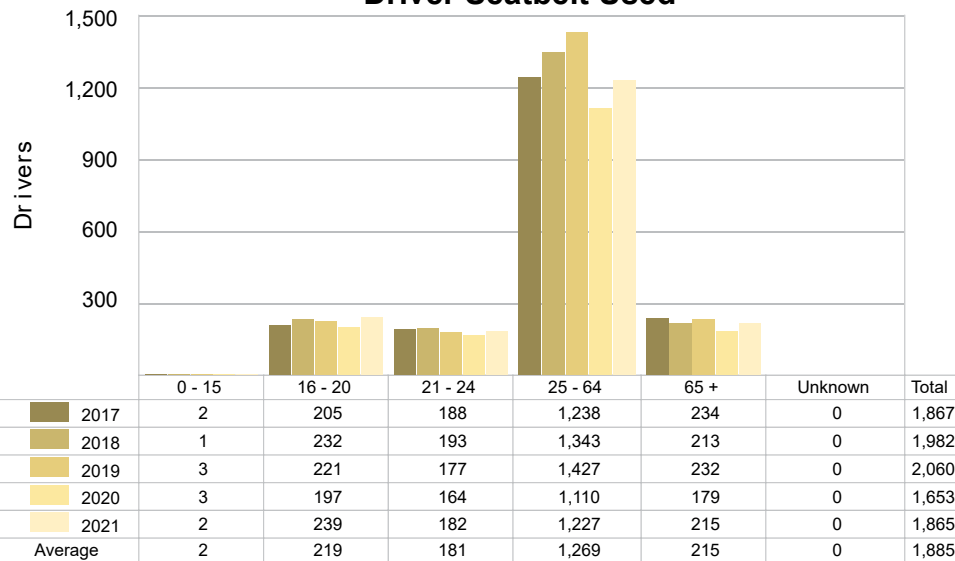


5-Year Trend - Seatbelt Used Among Drivers by Age

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	2	0	1	1	0	0	3	0	0	3	0	0	2	0	0
16 - 20	205	0	23	232	0	24	221	1	25	197	0	18	239	0	19
21 - 24	188	0	14	193	0	17	177	1	12	164	0	15	182	0	22
25 - 64	1,238	0	76	1,343	1	82	1,427	2	90	1,110	0	75	1,227	0	76
65 +	234	1	26	213	0	26	232	0	24	179	0	9	215	0	14
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,867	1	140	1,982	1	149	2,060	4	151	1,653	0	117	1,865	0	131

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	1,359	2	1,449	3	1,489	5	1,249	4	1,394	2
Speed Too Fast	118	0	151	0	129	2	126	0	138	0
Speed Too Slow	1	0	0	0	0	0	0	0	1	0
Failed to Yield	117	1	114	1	128	0	70	1	95	0
Disregard Traffic Control	10	0	18	0	13	0	16	1	17	0
Drove Wrong Way	1	0	0	0	0	0	0	0	0	0
Drove Left of Center	4	0	6	0	12	1	6	0	7	0
Improper Passing	7	0	7	0	7	0	7	0	6	0
Improper Lane Use	15	0	19	0	17	0	15	0	18	0
Improper Turn	9	0	16	0	14	0	10	0	4	0
Improper/No Signal	0	0	1	0	4	0	0	0	0	0
Improper Backing	27	0	27	0	27	0	23	0	30	0
Unable to Stop in Assured Clear Distance	106	0	100	1	155	0	92	0	124	0
Other	52	3	56	0	55	2	36	1	35	0
Unknown	67	1	53	1	35	1	36	1	32	2
Reckless Driving	5	0	4	0	3	0	4	0	8	0
Careless/Negligent Driving	79	0	78	0	66	0	83	1	89	2
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	1,977	7	2,099	6	2,154	11	1,773	9	1,998	6

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