



Office of Highway Safety Planning

2021



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.

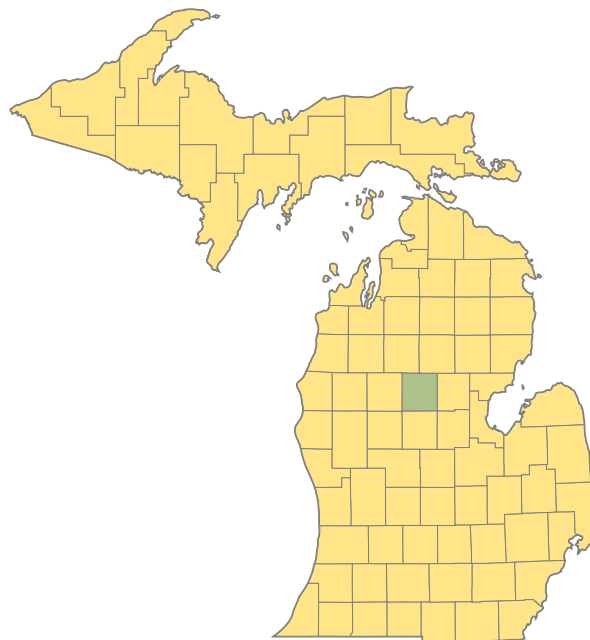
KABCO Injury Indicator:

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



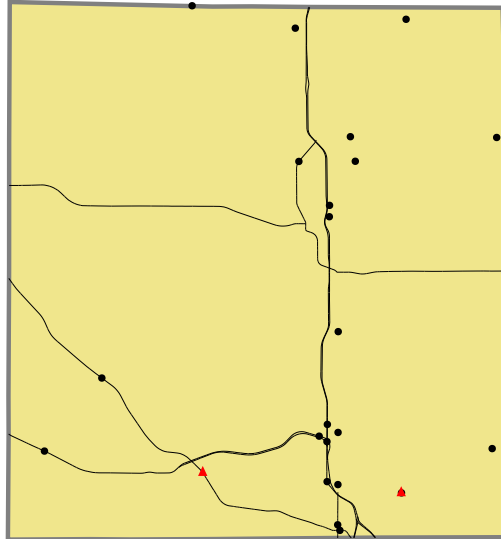
Clare County

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 (2/2)

● A - Suspected Serious (22/22)

2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	62	0	8	54	0	10
February	66	0	12	54	0	18
March	50	0	5	45	0	8
April	45	0	5	40	0	5
May	65	0	5	60	0	9
June	80	0	9	71	0	13
July	91	0	14	77	0	20
August	70	1	15	54	1	20
September	83	1	10	72	1	13
October	118	0	20	98	0	23
November	141	0	7	134	0	9
December	120	0	10	110	0	11
Total	991	2	120	869	2	159

2021 - Driver Statistics

Age Group	Clare County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	5,463	106	4	7.3	377.4
16 - 20	1,536	991	96	625.0	968.7
21 - 24	1,224	1,034	101	825.2	976.8
25 - 64	15,259	13,860	841	551.2	606.8
65 +	7,468	7,470	199	266.5	266.4
Unknown	0	0	24	--	--
Total	30,950	23,461	1,265	408.7	539.2

*2021 Population of Michigan Counties (by single-year of age) not yet available from U.S. Census Bureau.

2021 - Vehicles in Crashes

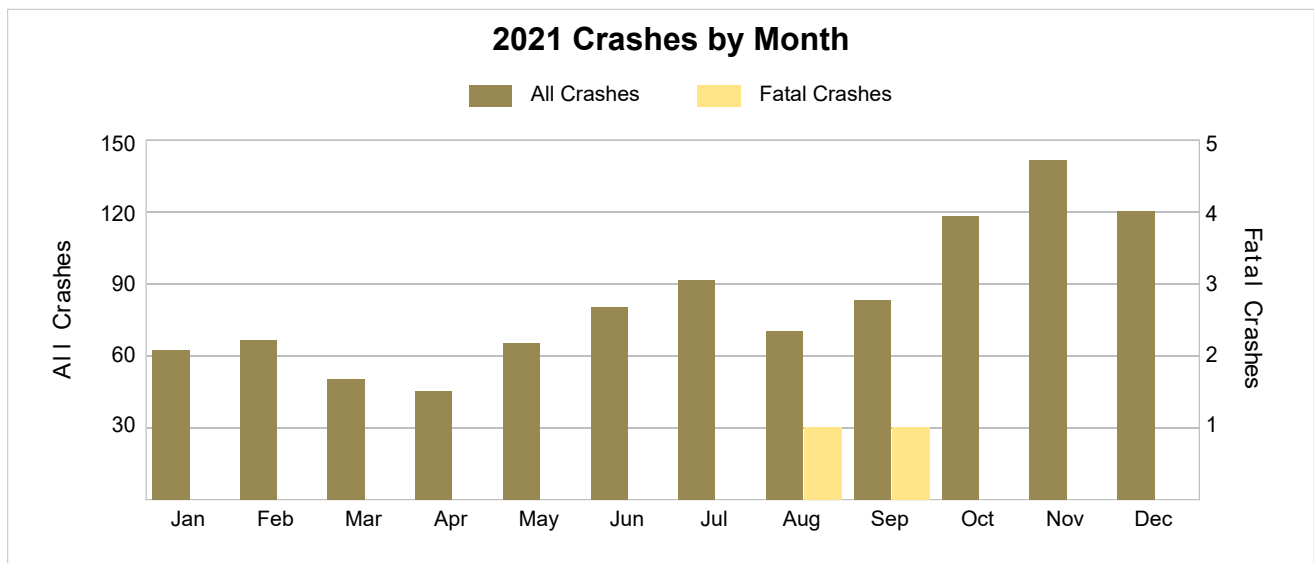
Vehicle Type	Motor Vehicles		Fatal Crashes		Injury Crashes	PDO Crashes
	Number of Vehicles	% of Total	Number	% of Total	Number	Number
Passenger Car, SUV, Van	892	70.5	2	50.0	107	783
Motor Home	3	0.2	0	0.0	1	2
Pickup Truck	292	23.1	2	50.0	35	255
Small Truck Under 10,000 lbs. GVWR	4	0.3	0	0.0	0	4
Motorcycle	14	1.1	0	0.0	13	1
Moped/Goped	0	0.0	0	0.0	0	0
Go-Cart/Golf Cart	0	0.0	0	0.0	0	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	14	1.1	0	0.0	10	4
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	6	0.5	0	0.0	3	3
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	29	2.3	0	0.0	6	23
Uncoded & Errors	11	0.9	0	0.0	1	10
Total	1,265	100.0	4	100.0	176	1,085

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	97	0	105	0	107	0	69	0	62	0
February	71	0	91	0	96	0	72	0	66	0
March	79	1	79	1	82	0	61	1	50	0
April	59	0	78	0	82	1	50	1	45	0
May	86	0	84	1	87	0	71	0	65	0
June	92	1	95	1	82	0	96	0	80	0
July	77	0	75	0	72	2	77	0	91	0
August	63	0	63	0	62	0	71	2	70	1
September	94	0	67	3	82	0	79	1	83	1
October	138	0	122	0	138	2	138	1	118	0
November	132	0	162	2	186	0	109	0	141	0
December	156	0	100	0	98	1	80	0	120	0
Total	1,144	2	1,121	8	1,174	6	973	6	991	2

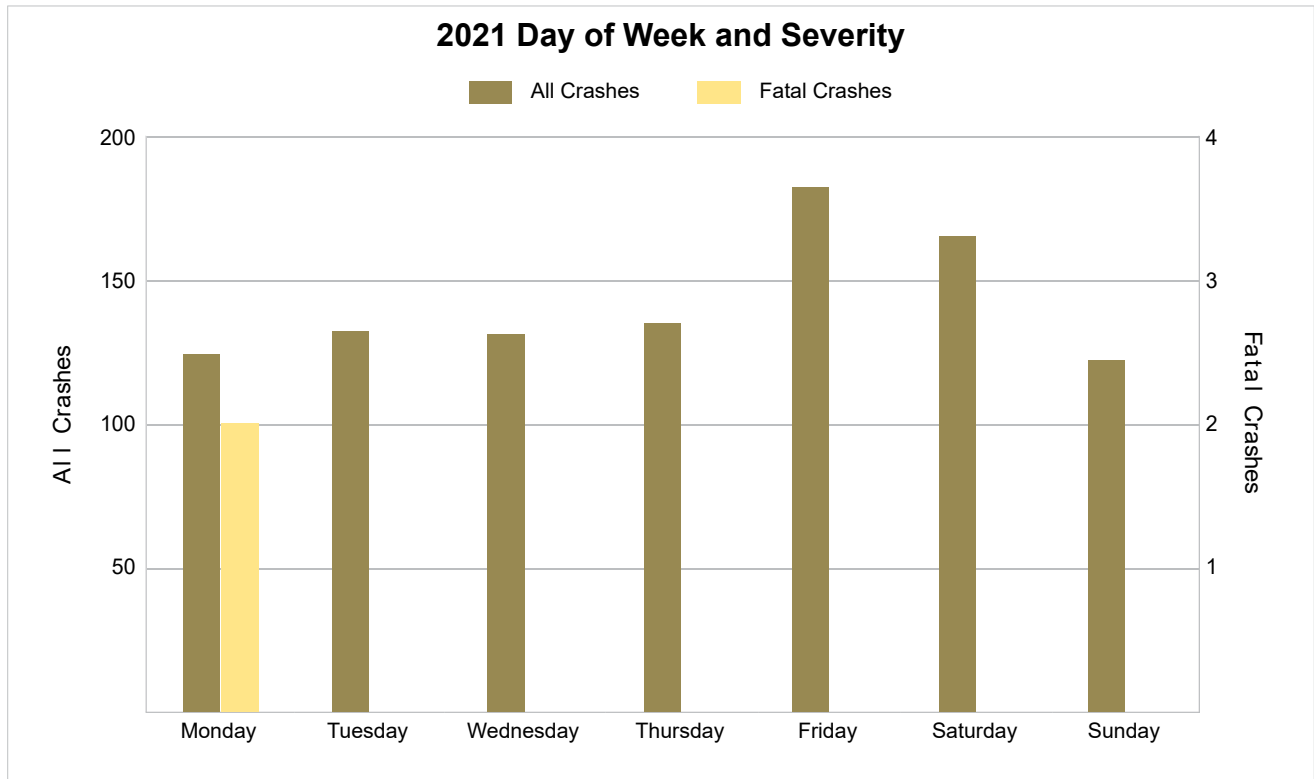
5-Year Trend - Crashes by Day of Week

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	160	1	168	0	148	1	122	0	124	2
Tuesday	153	0	164	2	174	1	131	0	132	0
Wednesday	173	1	140	2	144	1	150	2	131	0
Thursday	150	0	163	1	202	2	129	1	135	0
Friday	193	0	196	2	182	0	151	3	182	0
Saturday	169	0	144	0	150	0	153	0	165	0
Sunday	146	0	146	1	174	1	137	0	122	0
Total	1,144	2	1,121	8	1,174	6	973	6	991	2



2021 - Crashes by Day of Week

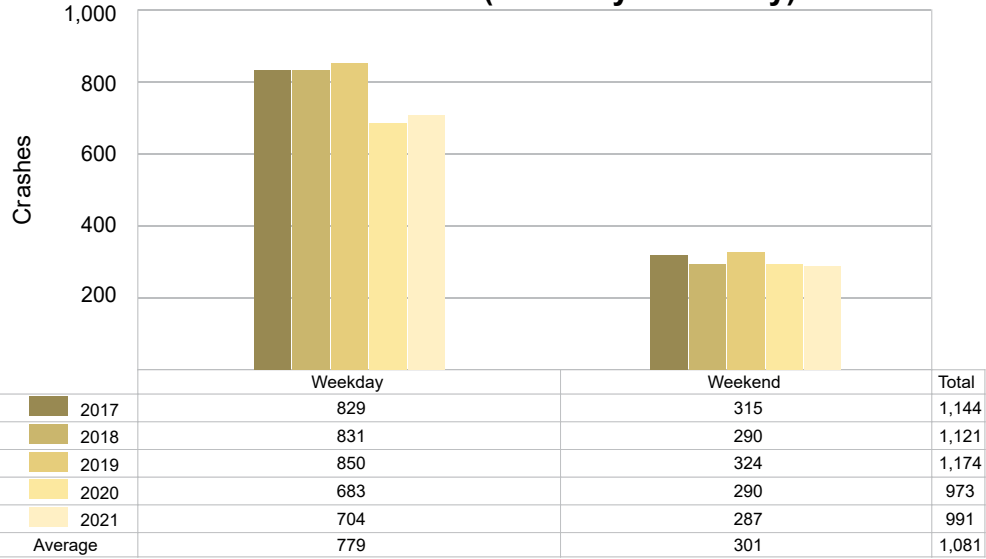
Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Fatal	% of Fatal	A	B	C	Number
Monday	124	12.5	2	100.0	1	5	6	110
Tuesday	132	13.3	0	0.0	3	5	7	117
Wednesday	131	13.2	0	0.0	1	6	4	120
Thursday	135	13.6	0	0.0	4	5	5	121
Friday	182	18.4	0	0.0	6	9	9	158
Saturday	165	16.6	0	0.0	5	9	13	138
Sunday	122	12.3	0	0.0	2	13	2	105
Total	991	100.0	2	100.0	22	52	46	869



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	829	2	831	7	850	5	683	6	704	2
Weekend	315	0	290	1	324	1	290	0	287	0
Total	1,144	2	1,121	8	1,174	6	973	6	991	2

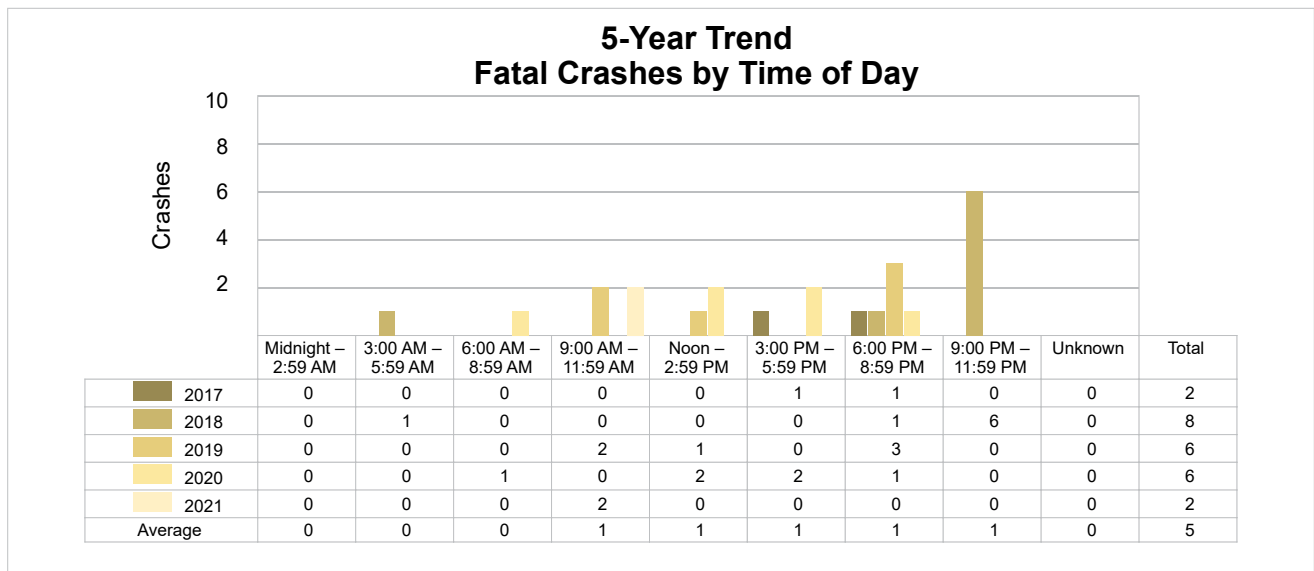
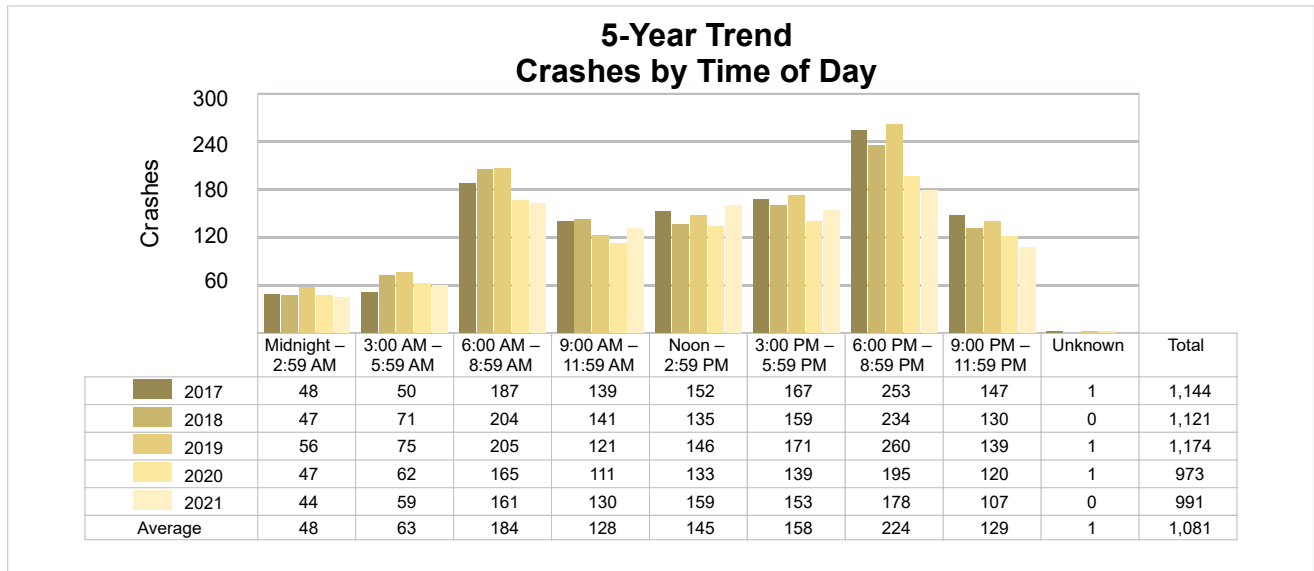
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

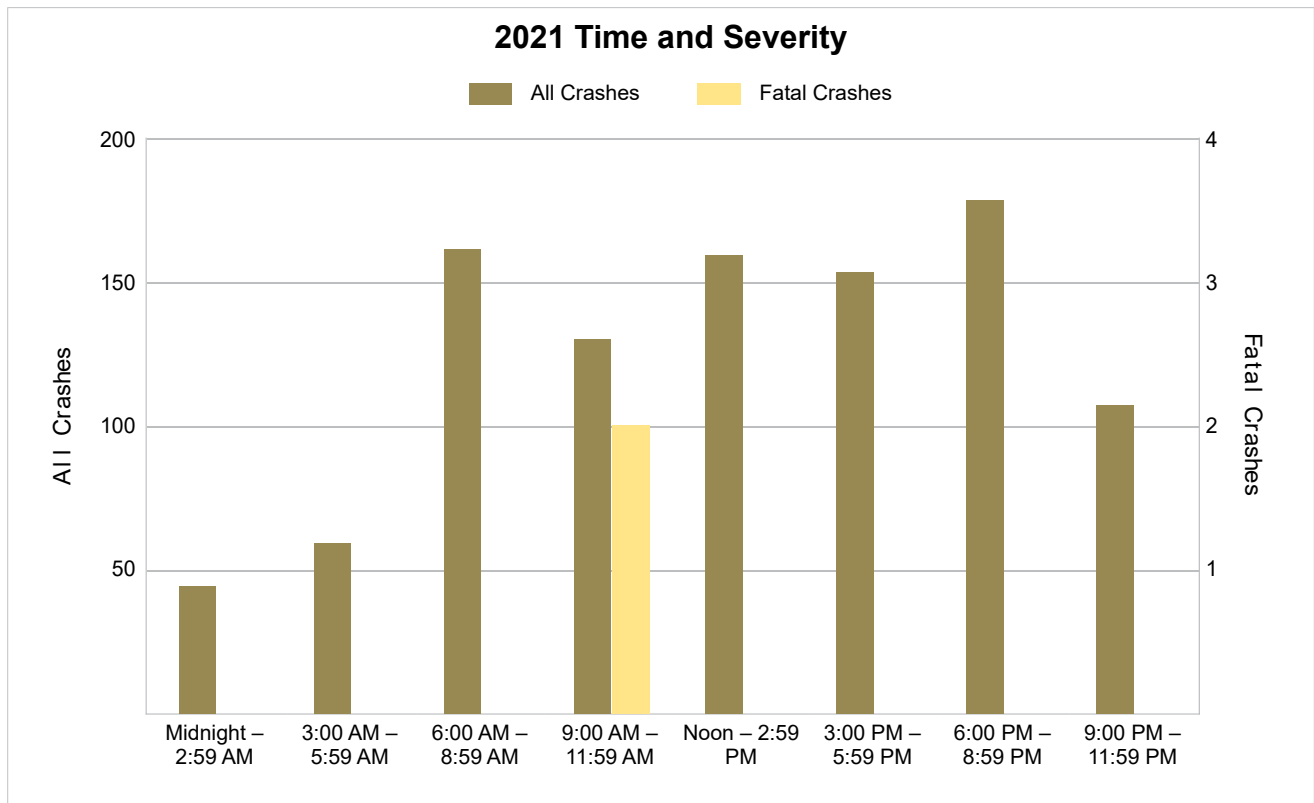
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	48	0	47	0	56	0	47	0	44	0
3:00 AM – 5:59 AM	50	0	71	1	75	0	62	0	59	0
6:00 AM – 8:59 AM	187	0	204	0	205	0	165	1	161	0
9:00 AM – 11:59 AM	139	0	141	0	121	2	111	0	130	2
Noon – 2:59 PM	152	0	135	0	146	1	133	2	159	0
3:00 PM – 5:59 PM	167	1	159	0	171	0	139	2	153	0
6:00 PM – 8:59 PM	253 †	1	234 †	1	260 †	3	195 †	1	178 †	0
9:00 PM – 11:59 PM	147	0	130	6	139	0	120	0	107	0
Unknown	1	0	0	0	1	0	1	0	0	0
Total	1,144	2	1,121	8	1,174	6	973	6	991	2

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



2021 - Time and Severity

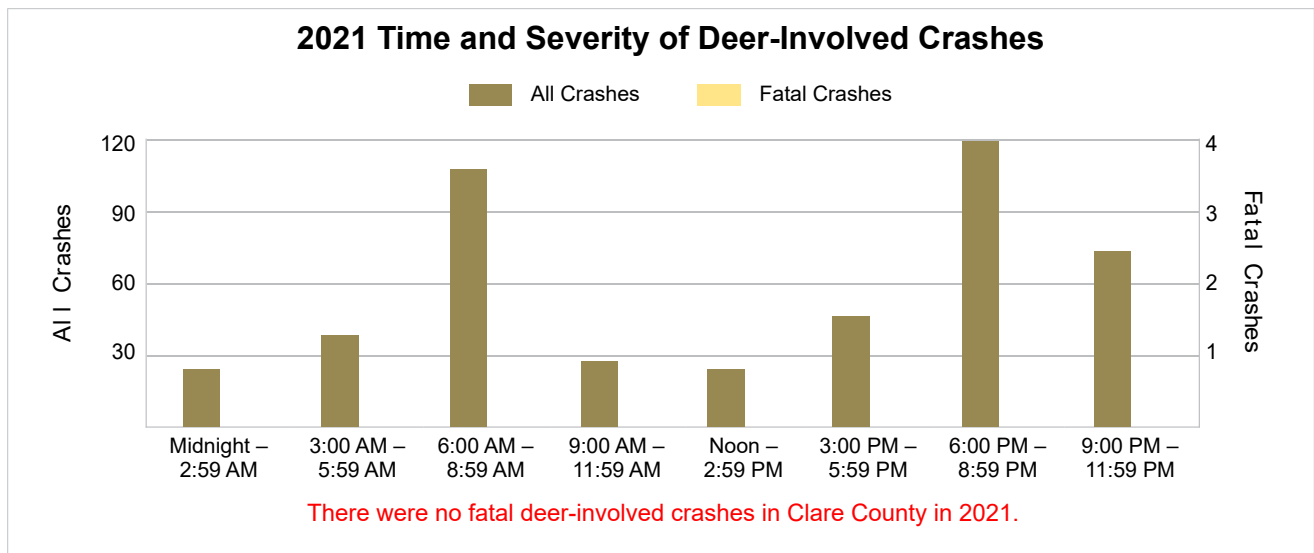
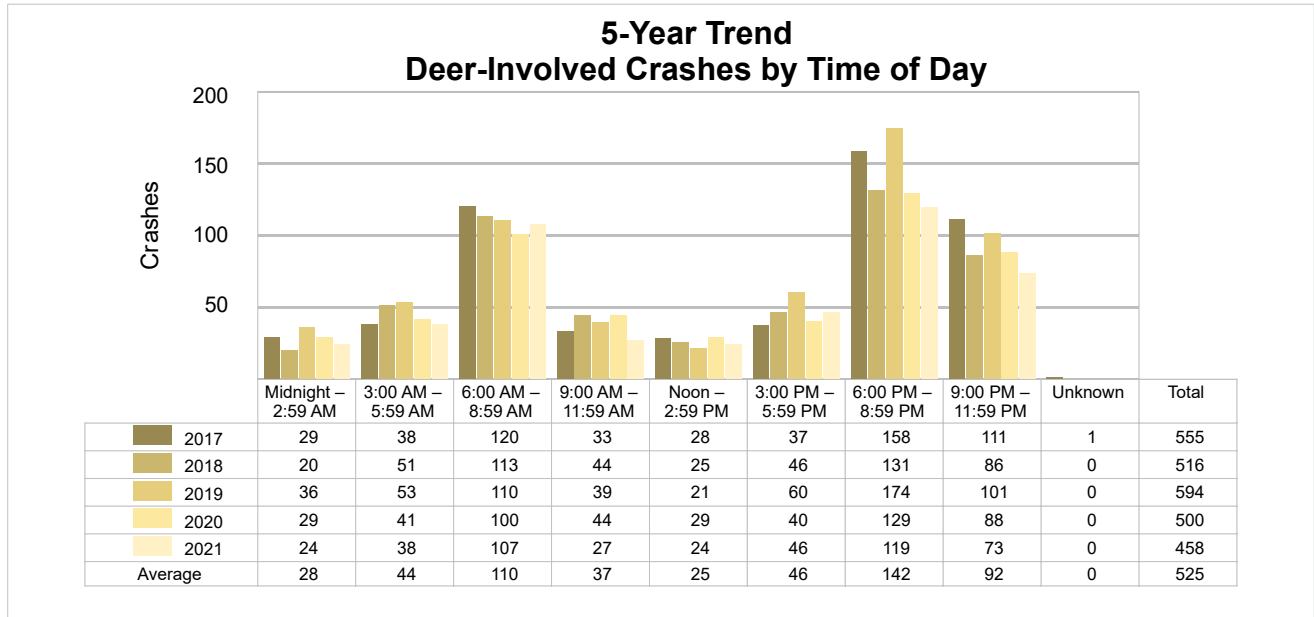
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	44	4.4	0	0.0	4	1	2	37
3:00 AM – 5:59 AM	59	6.0	0	0.0	1	1	1	56
6:00 AM – 8:59 AM	161	16.2	0	0.0	2	7	6	146
9:00 AM – 11:59 AM	130	13.1	2	100.0	5	5	8	110
Noon – 2:59 PM	159	16.0	0	0.0	3	12	15	129
3:00 PM – 5:59 PM	153	15.4	0	0.0	4	12	7	130
6:00 PM – 8:59 PM	178	18.0	0	0.0	1	9	6	162
9:00 PM – 11:59 PM	107	10.8	0	0.0	2	5	1	99
Unknown	0	0.0	0	0.0	0	0	0	0
Total	991	100.0	2	100.0	22	52	46	869



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

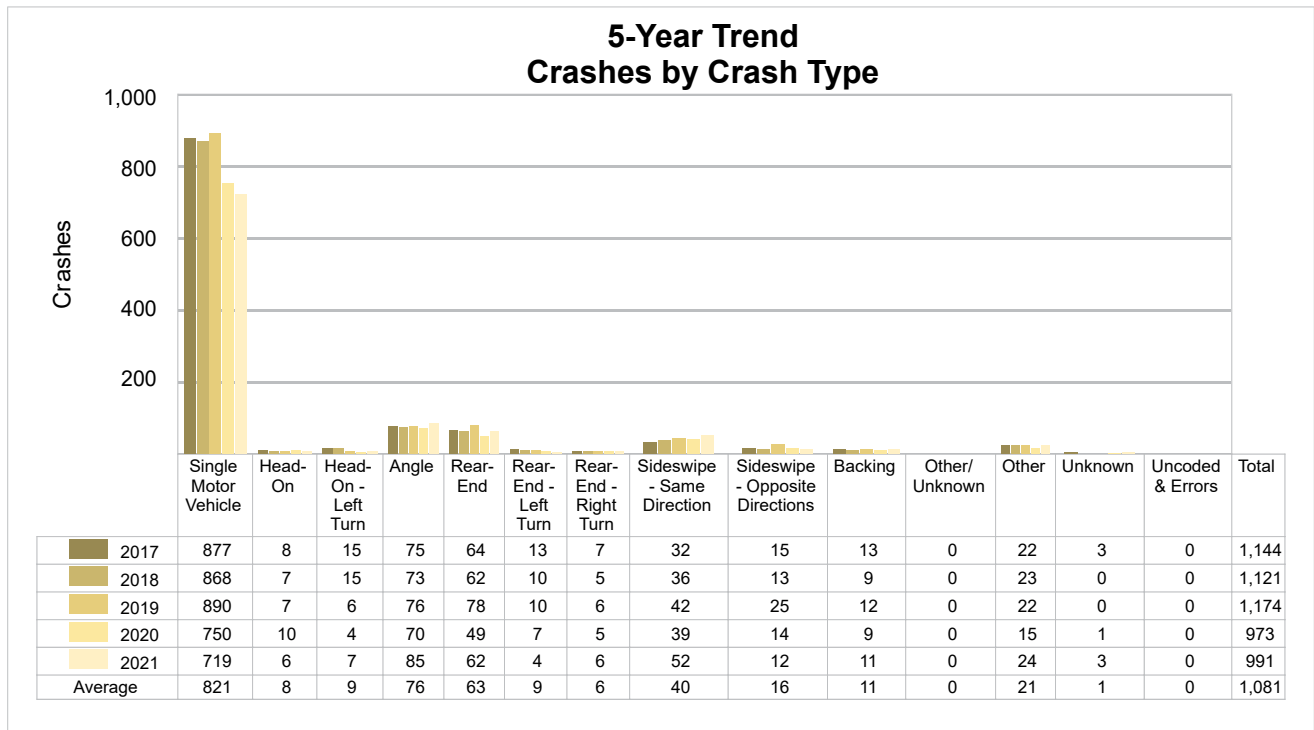
Time of Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight – 2:59 AM	29	0	20	0	36	0	29	0	24	0
3:00 AM – 5:59 AM	38	0	51	0	53	0	41	0	38	0
6:00 AM – 8:59 AM	120	0	113	0	110	0	100	0	107	0
9:00 AM – 11:59 AM	33	0	44	0	39	0	44	0	27	0
Noon – 2:59 PM	28	0	25	0	21	0	29	0	24	0
3:00 PM – 5:59 PM	37	0	46	0	60	0	40	0	46	0
6:00 PM – 8:59 PM	158 †	0	131 †	0	174 †	0	129 †	0	119 †	0
9:00 PM – 11:59 PM	111	0	86	1	101	0	88	0	73	0
Unknown	1	0	0	0	0	0	0	0	0	0
Total	555	0	516	1	594	0	500	0	458	0

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



5-Year Trend - Crashes by Crash Type

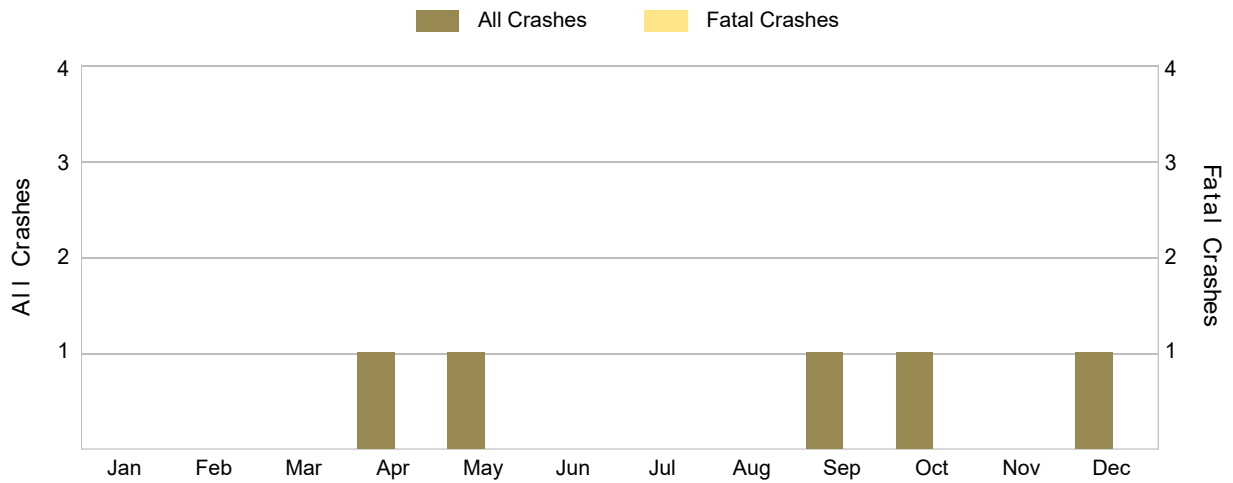
Crash Type	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single Motor Vehicle	877	2	868	7	890	1	750	3	719	0
Head-On	8	0	7	0	7	2	10	2	6	0
Head-On - Left Turn	15	0	15	0	6	0	4	0	7	0
Angle	75	0	73	0	76	2	70	1	85	2
Rear-End	64	0	62	0	78	0	49	0	62	0
Rear-End - Left Turn	13	0	10	0	10	0	7	0	4	0
Rear-End - Right Turn	7	0	5	0	6	0	5	0	6	0
Sideswipe - Same Direction	32	0	36	0	42	0	39	0	52	0
Sideswipe - Opposite Directions	15	0	13	0	25	1	14	0	12	0
Backing	13	0	9	0	12	0	9	0	11	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	22	0	23	1	22	0	15	0	24	0
Unknown	3	0	0	0	0	0	1	0	3	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	1,144	2	1,121	8	1,174	6	973	6	991	2



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	1	0	0	0	1	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	2	0	0	0	1	0
May	0	0	1	0	0	0	0	0	1	0
June	1	0	1	0	1	0	1	0	0	0
July	0	0	0	0	1	0	2	0	0	0
August	1	0	0	0	0	0	1	0	0	0
September	0	0	1	1	2	0	0	0	1	0
October	0	0	1	0	0	0	2	1	1	0
November	1	0	0	0	0	0	1	0	0	0
December	0	0	0	0	1	0	0	0	1	0
Total	4	0	4	1	8	0	7	1	5	0

2021 Pedestrian-Involved Crashes by Month

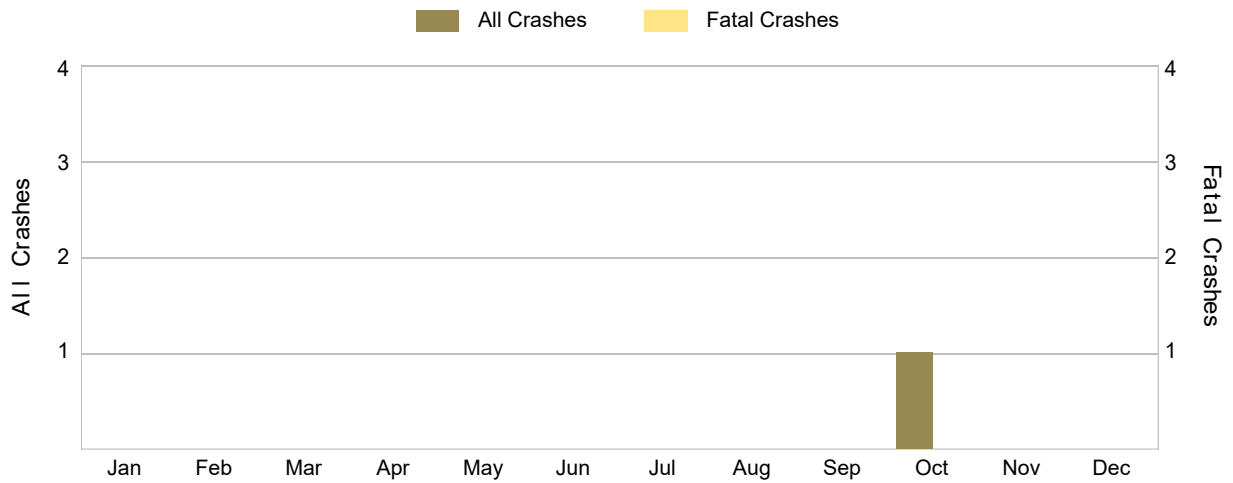


There were no fatal pedestrian-involved crashes in Clare County in 2021.

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	0	0	0	0	0	0	0	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	0	0
May	0	0	1	0	0	0	1	0	0	0
June	0	0	0	0	0	0	0	0	0	0
July	0	0	1	0	1	1	0	0	0	0
August	0	0	1	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	1	0
November	0	0	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0
Total	0	0	4	0	1	1	1	0	1	0

2021 Bicyclist-Involved Crashes by Month



There were no fatal bicyclist-involved crashes in Clare 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
Arthur Twp.	15	0	1	14	0	0	0	15	0	0	10	0	0
Clare	85	0	9	76	0	55	12	18	3	0	20	1	0
Farwell	0	0	0	0	0	0	0	0	0	0	0	0	0
Franklin Twp.	11	0	4	7	0	0	3	8	3	0	3	0	0
Freeman Twp.	28	0	2	26	0	0	21	7	1	0	14	0	0
Frost Twp.	48	0	5	43	0	21	0	27	1	1	18	0	0
Garfield Twp.	42	0	5	37	0	18	1	23	2	1	24	0	0
Grant Twp.	210	0	24	186	0	109	21	80	3	2	96	0	0
Greenwood Twp.	40	0	4	36	0	0	20	20	0	0	28	1	0
Hamilton Twp.	63	0	7	56	0	0	24	39	0	1	37	0	0
Harrison	51	0	10	41	0	14	18	19	2	0	8	1	0
Hatton Twp.	91	0	4	87	0	35	1	55	0	0	63	0	0
Hayes Twp.	95	0	15	80	0	45	14	36	5	3	34	1	1
Lincoln Twp.	32	0	5	27	0	0	0	32	3	1	15	0	0
Redding Twp.	8	0	2	6	0	0	4	4	0	0	3	0	0
Sheridan Twp.	29	1	3	25	0	0	0	29	1	0	18	1	0
Summerfield Twp.	10	0	3	7	0	0	0	10	0	0	5	0	0
Surrey Twp.	123	1	16	106	0	19	53	51	3	0	55	0	0
Winterfield Twp.	10	0	1	9	0	0	0	10	0	0	7	0	0
Total	991	2	120	869	0	316	192	483	27	9	458	5	1

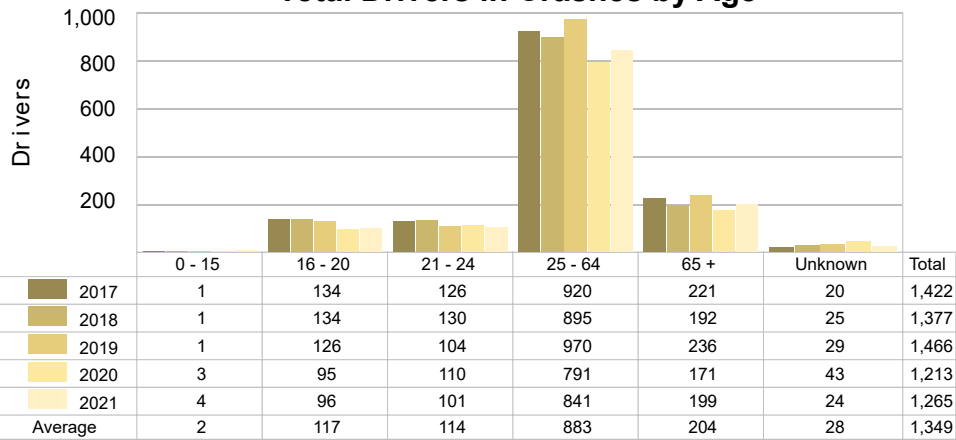
2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Arthur Twp.	0	0	0	2	17	1
Clare	0	4	4	16	148	8
Farwell	0	0	0	0	0	0
Franklin Twp.	0	2	2	1	9	0
Freeman Twp.	0	1	1	0	36	0
Frost Twp.	0	4	4	0	58	1
Garfield Twp.	0	1	3	2	44	4
Grant Twp.	0	8	15	14	271	2
Greenwood Twp.	0	0	4	4	47	0
Hamilton Twp.	0	1	8	2	73	0
Harrison	0	0	8	20	89	3
Hatton Twp.	0	2	4	4	103	0
Hayes Twp.	0	7	14	11	143	3
Lincoln Twp.	0	0	1	8	41	1
Redding Twp.	0	0	8	0	11	1
Sheridan Twp.	1	3	1	0	27	0
Summerfield Twp.	0	2	2	1	9	0
Surrey Twp.	1	0	23	19	171	2
Winterfield Twp.	0	0	1	0	9	0
Total	2	35	103	104	1,306	26

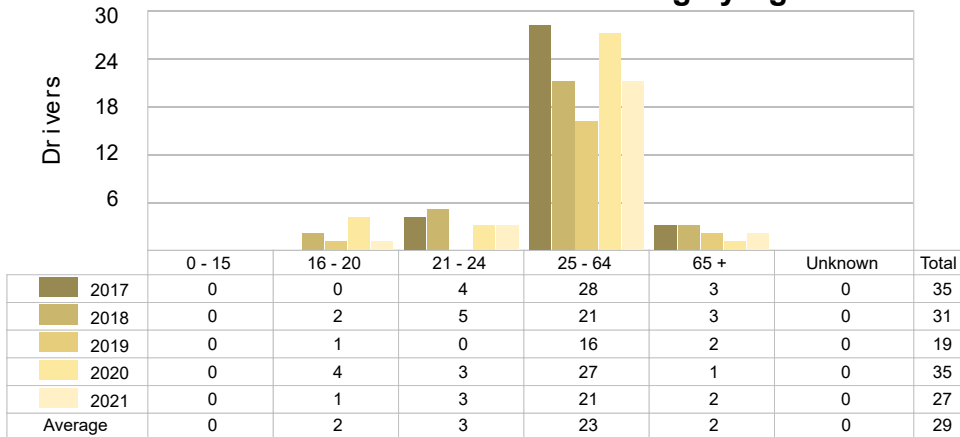
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	1	0	1	0	1	0	3	0	4	0
16 - 20	134	0	134	2	126	1	95	4	96	1
21 - 24	126	4	130	5	104	0	110	3	101	3
25 - 64	920	28	895	21	970	16	791	27	841	21
65 +	221	3	192	3	236	2	171	1	199	2
Unknown	20	0	25	0	29	0	43	0	24	0
Total	1,422	35	1,377	31	1,466	19	1,213	35	1,265	27

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

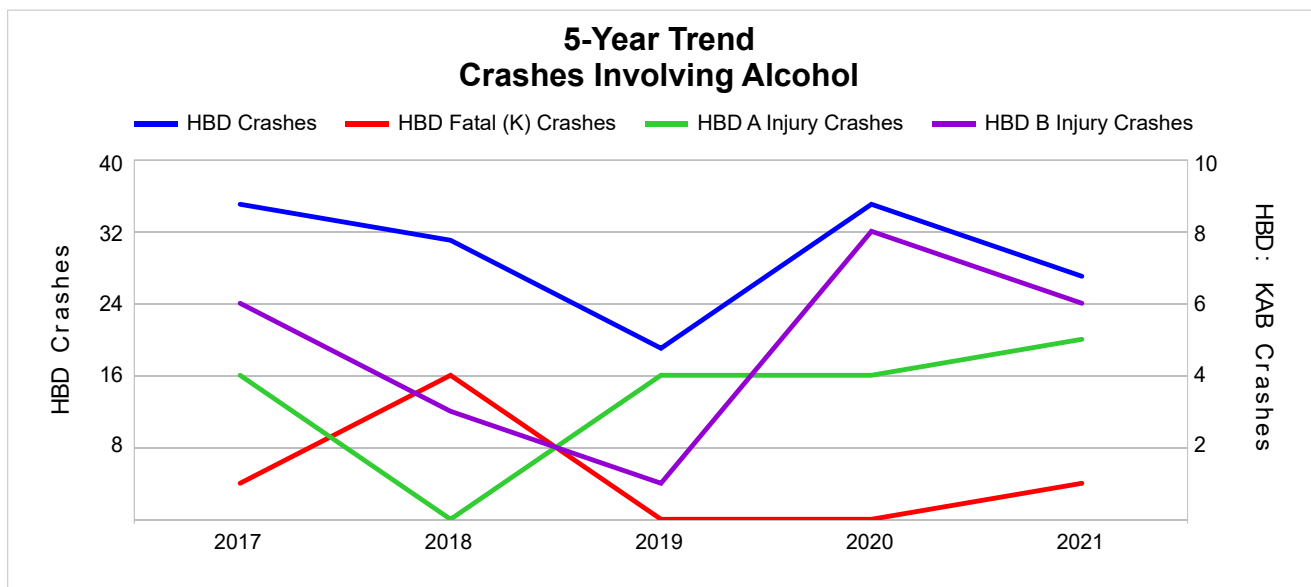
Age Group	Drivers				BAC Result Range for Drivers Coded Drinking				
	Total Drivers in Alcohol-Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	BAC 0.01 g/dL to 0.07 g/dL	BAC 0.08 g/dL to 0.16 g/dL	BAC 0.17 g/dL and Above	BAC Not Reported
0 - 15	0	0	0	0	0	0	0	0	0
16 - 20	1	1	1	1	0	0	1	0	0
21 - 24	3	3	3	3	0	0	1	2	0
25 - 64	29	23	18	21	0	2	7	6	6
65 +	4	4	2	2	0	1	1	0	0
Unknown	0	0	0	0	0	0	0	0	0
Total	37	31	24	27	0	3	10	8	6

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	1,144	35	3.1	2	1	50.0	31	4	12.9	49	6	12.2
2018	1,121	31	2.8	8	4	50.0	27	0	0.0	46	3	6.5
2019	1,174	19	1.6	6	0	0.0	21	4	19.0	40	1	2.5
2020	973	35	3.6	6	0	0.0	30	4	13.3	50	8	16.0
2021	991	27	2.7	2	1	50.0	22	5**	22.7**	52**	6	11.5

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.



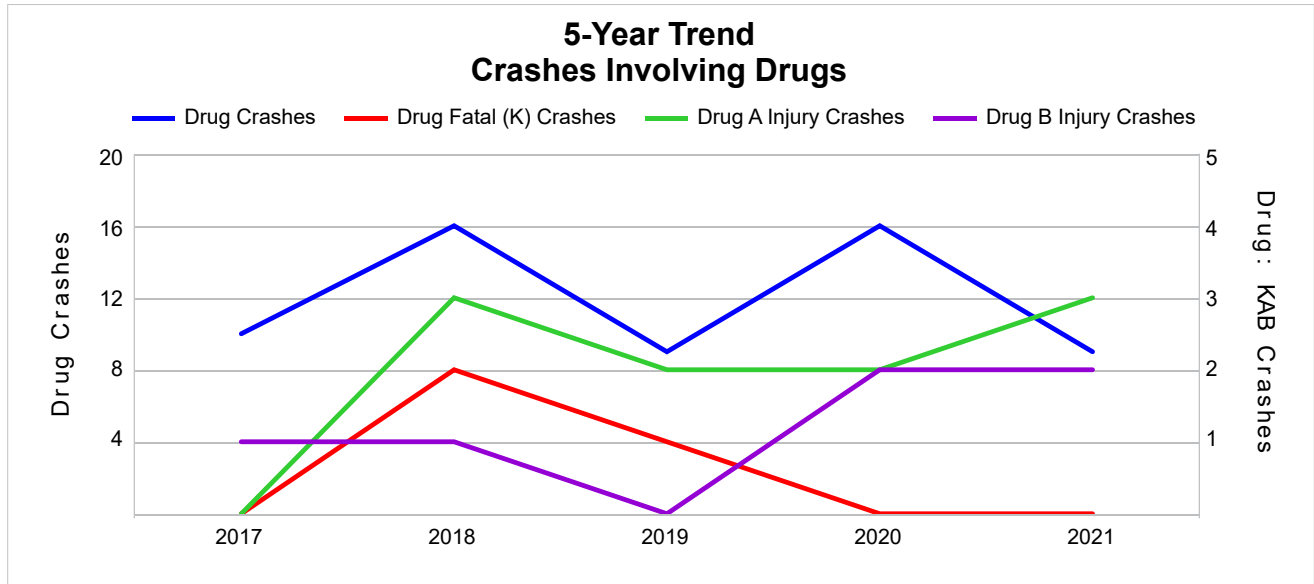
Note: Had-Been-Drinking (HBD)

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	1,144	10	0.9	2	0	0.0	31	0	0.0	49	1	2.0
2018	1,121	16	1.4	8	2	25.0	27	3	11.1	46	1	2.2
2019	1,174	9	0.8	6	1	16.7	21	2	9.5	40	0	0.0
2020	973	16	1.6	6	0	0.0	30	2	6.7	50	2	4.0
2021	991	9	0.9	2	0	0.0	22	3	13.6**	52**	2	3.8

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

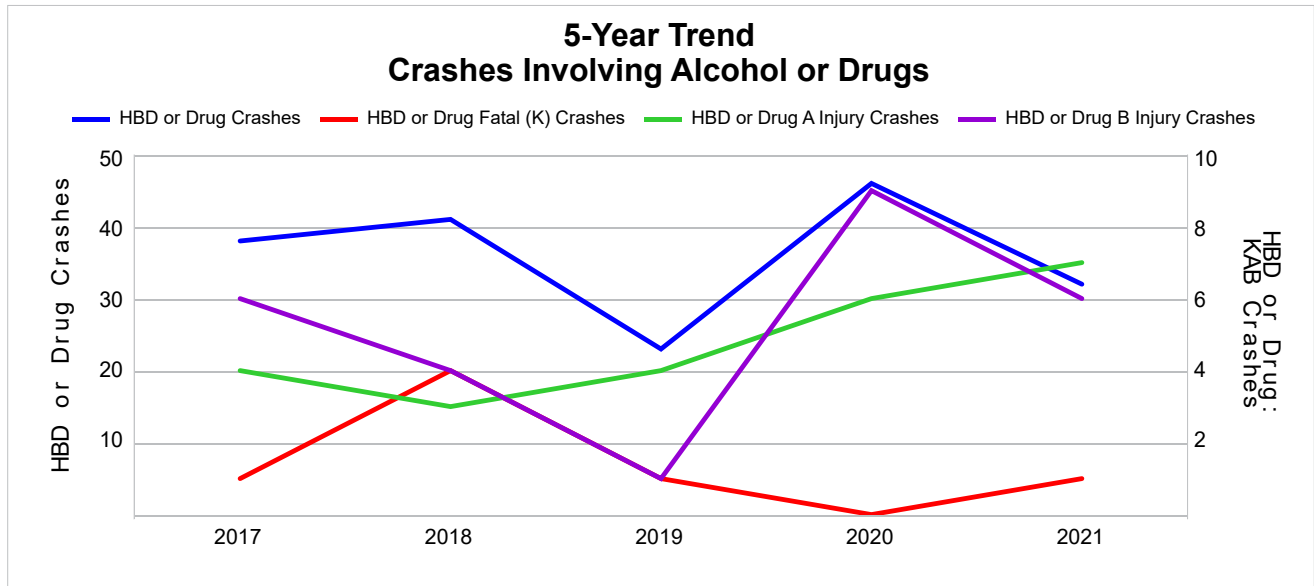
** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column.



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	1,144	38	3.3	2	1	50.0	31	4	12.9	49	6	12.2
2018	1,121	41	3.7	8	4	50.0	27	3	11.1	46	4	8.7
2019	1,174	23	2.0	6	1	16.7	21	4	19.0	40	1	2.5
2020	973	46	4.7	6	0	0.0	30	6	20.0	50	9	18.0
2021	991	32	3.2	2	1	50.0	22	7**	31.8**	52**	6	11.5

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	916	875	95.5	1	1	100.0	12	5	41.7	34	31	91.2	56	53	94.6	803	785	97.8
Motor Home	3	1	33.3	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	3	1	33.3
Pickup Truck	297	286	96.3	1	0	0.0	2	1	50.0	12	12	100.0	10	9	90.0	270	264	97.8
Small Truck Under 10,000 lbs. GVWR	4	4	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	4	4	100.0
Motorcycle	15	8	53.3	0	0	0.0	6	4	66.7	7	3	42.9	1	1	100.0	0	0	0.0
Moped/Goped	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
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	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)	16	8	50.0	0	0	0.0	3	1	33.3	6	3	50.0	2	1	50.0	4	3	75.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	6	3	50.0	0	0	0.0	0	0	0.0	1	0	0.0	1	1	100.0	4	2	50.0
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	29	29	100.0	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	28	28	100.0
Uncoded & Errors	11	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	1,297	1,214	93.6	2	1	50.0	23	11	47.8	61	50	82.0	70	65	92.9	1,116	1,087	97.4

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

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

Age Group	Total Occupants			Fatalities			A - Suspected Serious			B - Suspected Minor			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
0 - 15	6	5	83.3	0	0	0.0	0	0	0.0	1	1	100.0	1	1	100.0	3	3	100.0
16 - 20	99	97	98.0	0	0	0.0	1	1	100.0	7	7	100.0	9	9	100.0	82	80	97.6
21 - 24	106	104	98.1	0	0	0.0	1	1	100.0	8	8	100.0	4	4	100.0	93	91	97.8
25 - 64	857	812	94.7	2	1	50.0	18	7	38.9	34	25	73.5	45	40	88.9	758	739	97.5
65 +	205	196	95.6	0	0	0.0	3	2	66.7	11	9	81.8	11	11	100.0	180	174	96.7
Unknown	24	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	1,297	1,214	93.6	2	1	50.0	23	11	47.8	61	50	82.0	70	65	92.9	1,116	1,087	97.4

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

5-Year Trend - Restraint Use Among Drivers

Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	6	0	2	2	0	0	5	1	0	6	1	1	5	0	2
Shoulder Belt Only Used	3	0	0	9	0	3	7	0	0	6	0	0	7	0	2
Lap Belt Only Used	4	0	1	6	0	1	2	0	0	6	0	0	5	0	2
Both Lap & Shoulder Belt Used	1,324	2	128	1,269	0	131	1,367	1	106	1,083	3	102	1,159	1	82
No Belts Used	10	0	7	15	2	5	7	2	4	15	0	9	16	1	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	0	0	0	0	0	0	0	0	0	0	0	0
Restraint Use Unknown	59	0	5	57	1	5	57	0	0	69	0	7	52	0	6
Helmet Worn	8	0	8	13	1	11	12	0	10	13	1	11	14	0	11
Helmet Not Worn	7	0	5	6	0	3	9	0	7	13	0	13	7	0	7
Helmet Use Unknown	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,422	2	156	1,377	4	159	1,466	4	127	1,213	5	144	1,265	2	122

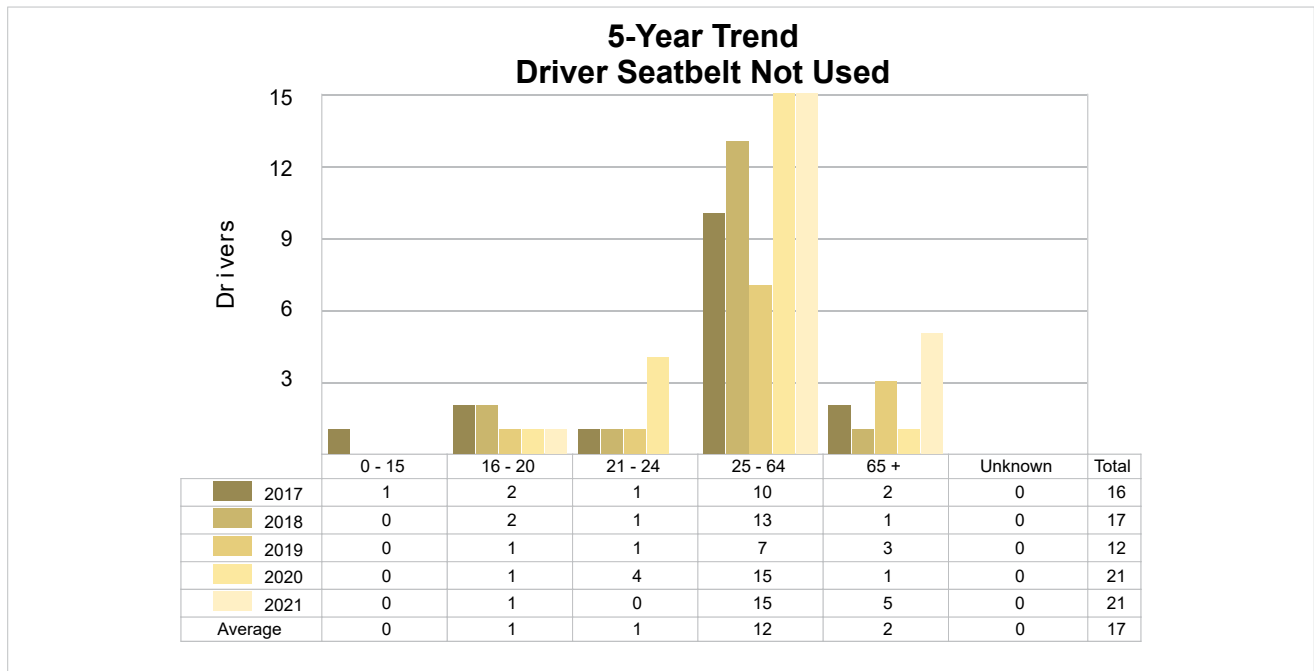
5-Year Trend - Restraint Use Among Drivers Coded Drinking

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	0	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	28	1	8	18	0	7	11	0	4	24	0	10	18	0	7
No Belts Used	2	0	2	2	1	0	1	0	1	3	0	3	6	1	5
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	5	0	2	8	1	1	6	0	0	6	0	3	2	0	1
Helmet Worn	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0
Helmet Not Worn	0	0	0	2	0	2	1	0	1	0	0	0	1	0	1
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	35	1	12	31	2	11	19	0	6	35	0	17	27	1	14

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	2	0	1	2	0	1	1	0	1	1	0	1	1	0	0
21 - 24	1	0	1	1	0	0	1	0	0	4	0	1	0	0	0
25 - 64	10	0	5	13	2	4	7	1	3	15	1	7	15	1	10
65 +	2	0	1	1	0	0	3	2	0	1	0	1	5	0	2
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	16	0	9	17	2	5	12	3	4	21	1	10	21	1	12

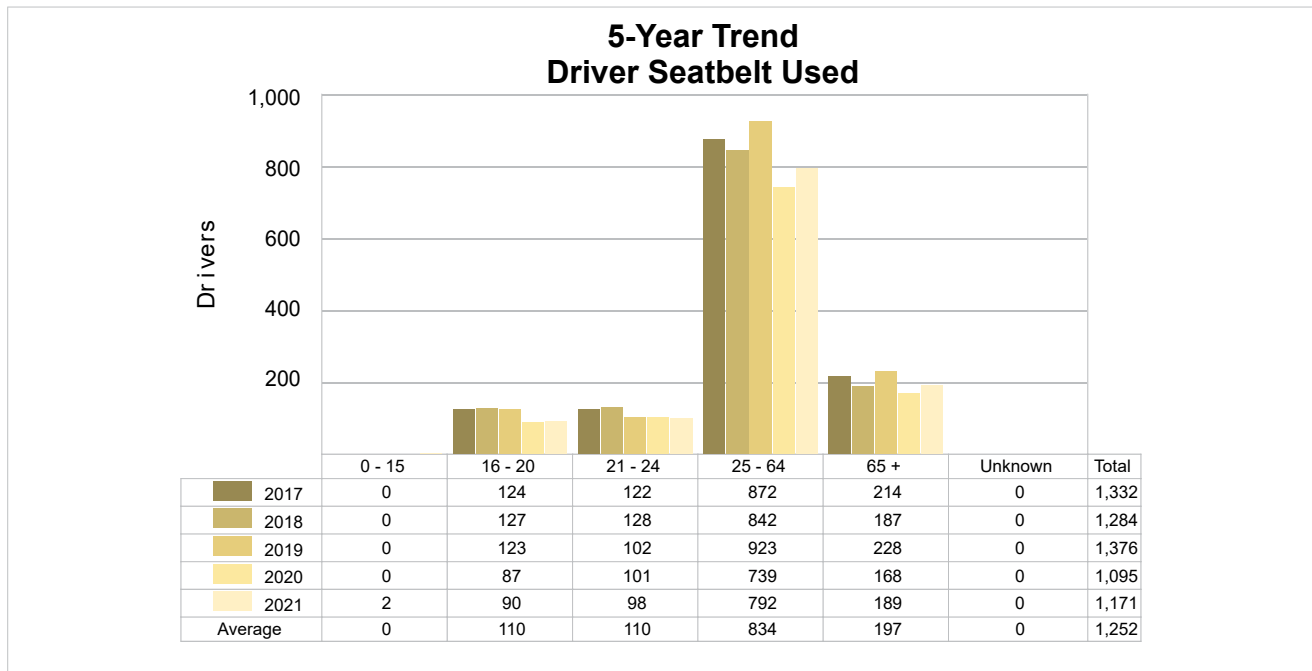
Note: Seatbelt Not Used includes no belts available or no belts used.



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	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
16 - 20	124	1	11	127	0	19	123	0	10	87	0	8	90	0	11
21 - 24	122	0	13	128	0	22	102	0	9	101	0	12	98	0	7
25 - 64	872	1	79	842	0	72	923	1	63	739	1	63	792	1	53
65 +	214	0	26	187	0	22	228	0	24	168	2	19	189	0	15
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,332	2	129	1,284	0	135	1,376	1	106	1,095	3	102	1,171	1	86

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	882	1	820	3	935	4	768	5	767	2
Speed Too Fast	160	0	205	4	186	2	72	1	129	0
Speed Too Slow	0	0	5	0	0	0	2	0	1	0
Failed to Yield	88	0	76	0	75	1	65	0	93	0
Disregard Traffic Control	9	0	14	0	6	0	7	0	13	2
Drove Wrong Way	0	0	0	0	0	0	1	1	0	0
Drove Left of Center	9	0	10	0	11	0	6	1	3	0
Improper Passing	6	0	6	0	6	0	10	0	7	0
Improper Lane Use	8	0	9	0	13	1	13	0	15	0
Improper Turn	5	0	7	0	7	0	10	1	6	0
Improper/No Signal	0	0	1	0	2	0	0	0	1	0
Improper Backing	18	0	16	0	15	0	11	0	10	0
Unable to Stop in Assured Clear Distance	73	0	60	0	70	0	55	0	63	0
Other	58	0	45	2	58	0	30	0	39	0
Unknown	23	0	15	0	20	0	53	1	48	0
Reckless Driving	3	1	13	0	6	0	23	0	10	0
Careless/Negligent Driving	80	0	75	0	56	3	87	0	60	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	1,422	2	1,377	9	1,466	11	1,213	10	1,265	4

Office of Highway Safety Planning

Physical Address:
7150 Harris Drive
Dimondale, Michigan 48821

Mailing Address:
P.O. Box 30634
Lansing, Michigan 48909

Find us on the web:
MichiganTrafficCrashFacts.org
mtcf-info@umich.edu

