



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

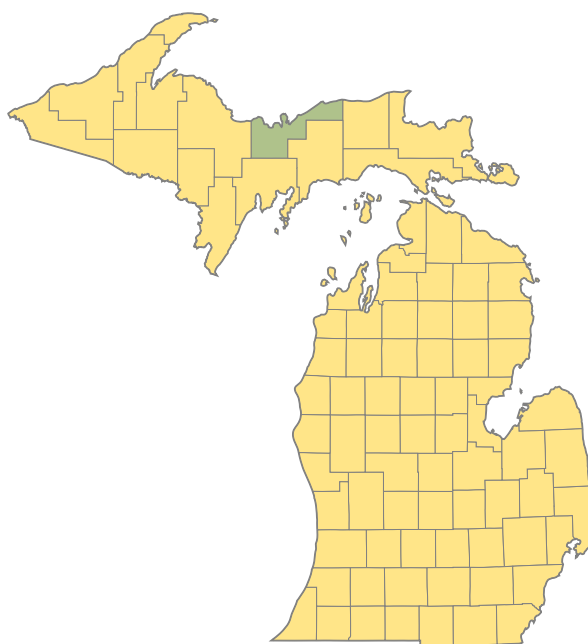
O = No Injury

Property Damage Only (PDO)



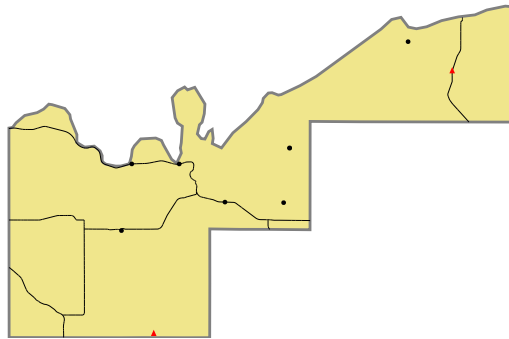
Alger County

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.



2021 - Crashes and Injury by Month

Month	Crashes				People	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	17	0	3	14	0	3
February	19	0	2	17	0	2
March	10	0	1	9	0	1
April	7	1	0	6	1	0
May	17	0	1	16	0	2
June	20	0	3	17	0	9
July	22	0	5	17	0	7
August	25	0	3	22	0	4
September	19	0	3	16	0	5
October	16	0	2	14	0	2
November	37	0	4	33	0	6
December	24	1	2	21	1	2
Total	233	2	29	202	2	43

2021 - Driver Statistics

Age Group	Alger County			Driver Rates	
	2019 Population*	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	1,180	37	0	0.0	0.0
16 - 20	429	356	29	676.0	814.6
21 - 24	404	258	29	717.8	1,124.0
25 - 64	4,702	3,721	175	372.2	470.3
65 +	2,393	2,309	66	275.8	285.8
Unknown	0	0	6	--	--
Total	9,108	6,681	305	334.9	456.5

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

2021 - Vehicles in Crashes

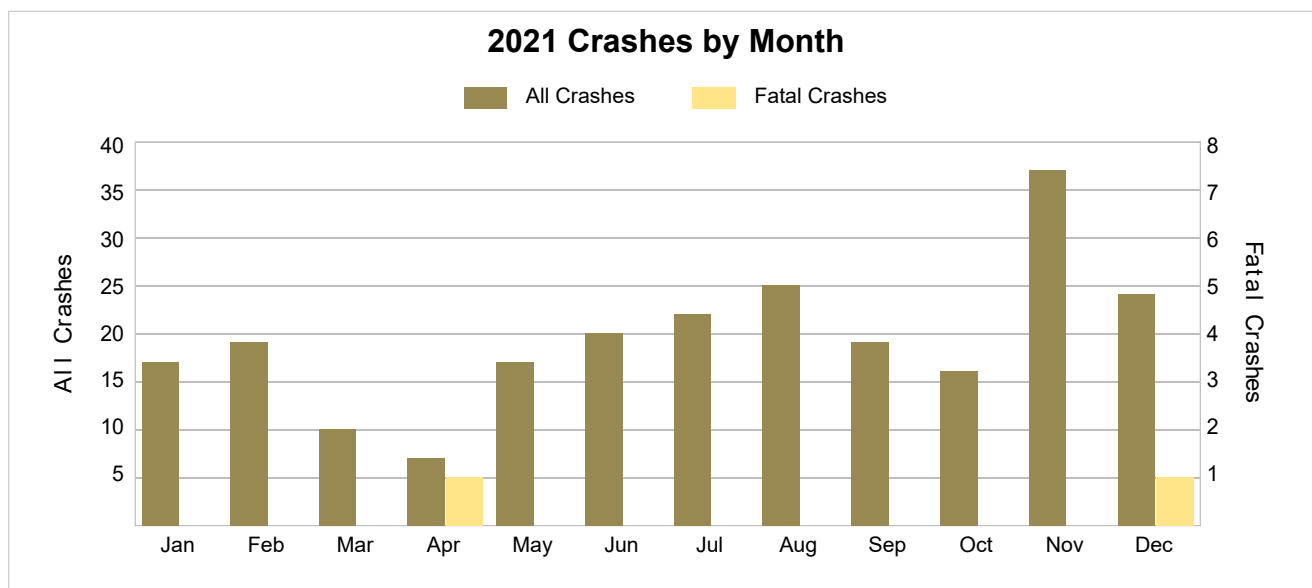
Vehicle Type	Motor Vehicles		Fatal Crashes		Injury Crashes	PDO Crashes
	Number of Vehicles	% of Total	Number	% of Total	Number	Number
Passenger Car, SUV, Van	192	63.0	0	0.0	16	176
Motor Home	0	0.0	0	0.0	0	0
Pickup Truck	77	25.2	1	50.0	12	64
Small Truck Under 10,000 lbs. GVWR	3	1.0	0	0.0	1	2
Motorcycle	6	2.0	1	50.0	5	0
Moped/Goped	0	0.0	0	0.0	0	0
Go-Cart/Golf Cart	0	0.0	0	0.0	0	0
Snowmobile	9	3.0	0	0.0	6	3
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	1	0.3	0	0.0	0	1
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	3	1.0	0	0.0	1	2
Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)	13	4.3	0	0.0	0	13
Uncoded & Errors	1	0.3	0	0.0	0	1
Total	305	100.0	2	100.0	41	262

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	21	0	45	0	37	1	20	0	17	0
February	20	0	39	0	38	0	30	0	19	0
March	16	0	22	0	12	1	20	0	10	0
April	19	0	13	0	9	0	10	0	7	1
May	14	0	15	0	12	1	12	0	17	0
June	27	0	25	0	25	1	23	0	20	0
July	22	1	40	0	29	0	28	0	22	0
August	34	0	21	0	21	0	20	2	25	0
September	25	0	20	0	14	0	19	0	19	0
October	38	0	16	0	19	0	27	0	16	0
November	45	0	34	0	42	0	29	0	37	0
December	33	0	26	0	27	0	28	0	24	1
Total	314	1	316	0	285	4	266	2	233	2

5-Year Trend - Crashes by Day of Week

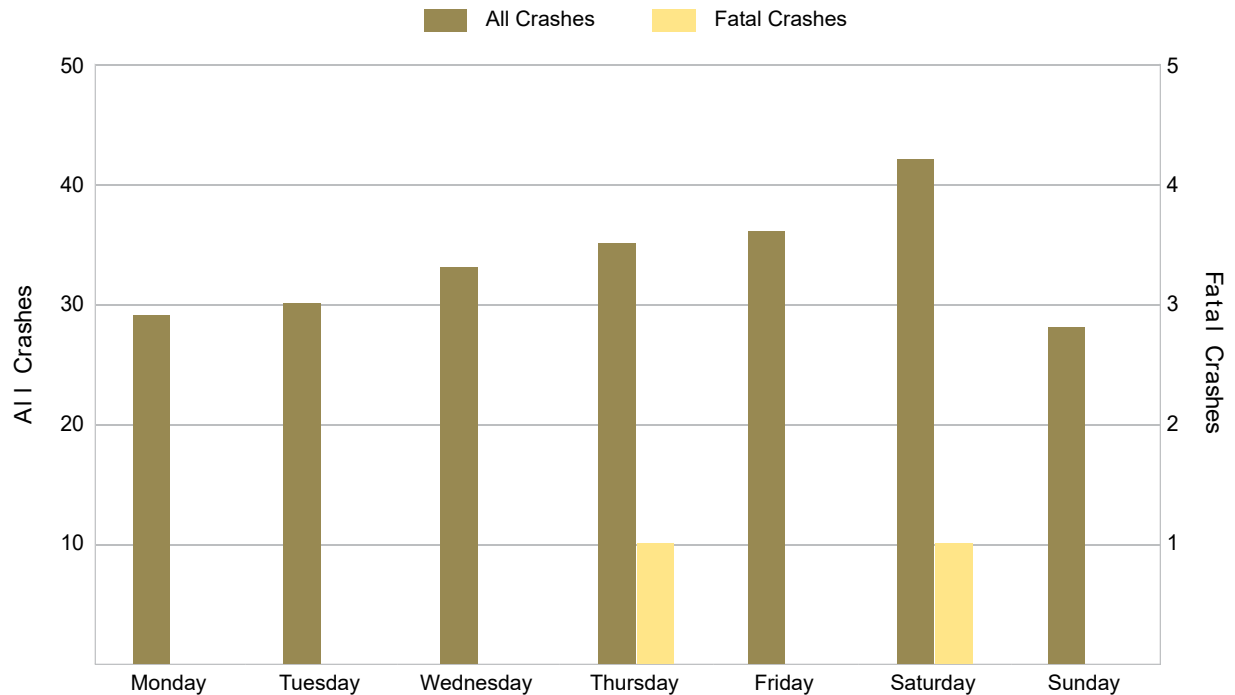
Day	2017		2018		2019		2020		2021	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	35	0	50	0	44	1	33	0	29	0
Tuesday	43	0	36	0	34	0	29	0	30	0
Wednesday	50	0	36	0	44	1	36	1	33	0
Thursday	43	0	42	0	30	0	38	0	35	1
Friday	47	0	66	0	45	2	53	1	36	0
Saturday	48	0	51	0	47	0	37	0	42	1
Sunday	48	1	35	0	41	0	40	0	28	0
Total	314	1	316	0	285	4	266	2	233	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	29	12.4	0	0.0	0	2	5	22
Tuesday	30	12.9	0	0.0	1	0	1	28
Wednesday	33	14.2	0	0.0	0	1	1	31
Thursday	35	15.0	1	50.0	0	1	1	32
Friday	36	15.5	0	0.0	3	2	0	31
Saturday	42	18.0	1	50.0	4	0	4	33
Sunday	28	12.0	0	0.0	0	2	1	25
Total	233	100.0	2	100.0	8	8	13	202

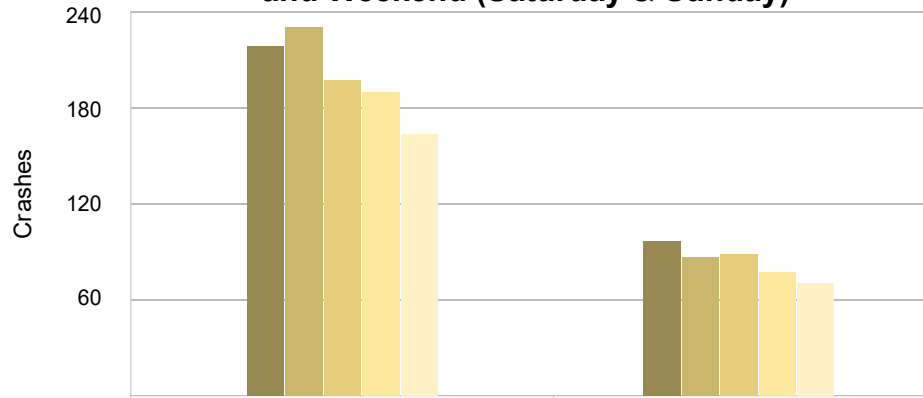
2021 Day of Week and Severity



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	218	0	230	0	197	4	189	2	163	1
Weekend	96	1	86	0	88	0	77	0	70	1
Total	314	1	316	0	285	4	266	2	233	2

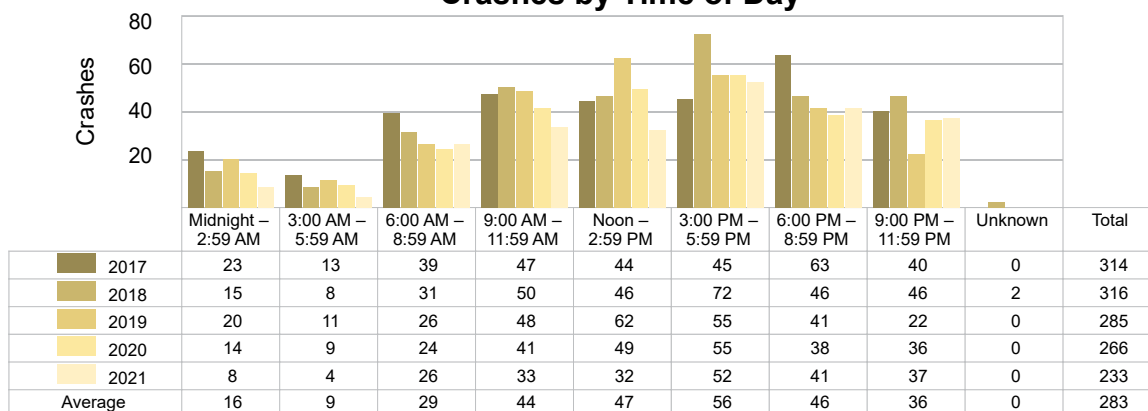
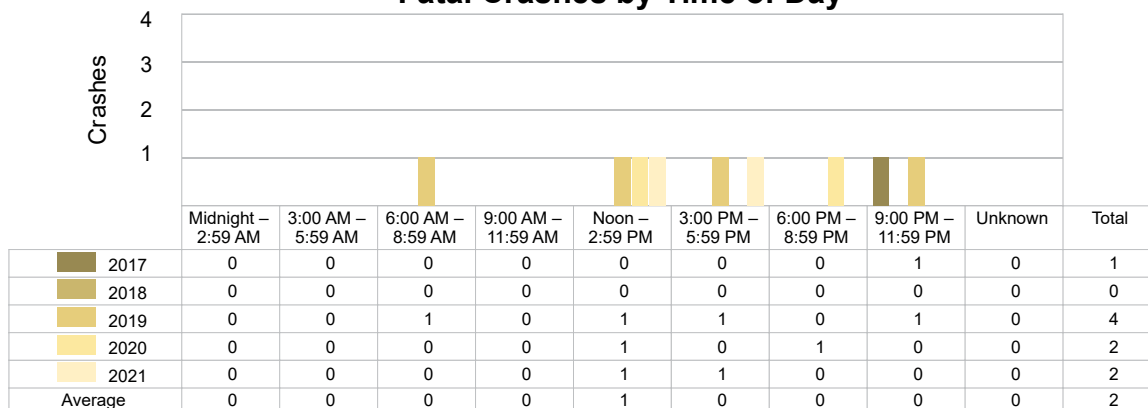
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



	Weekday	Weekend	Total
2017	218	96	314
2018	230	86	316
2019	197	88	285
2020	189	77	266
2021	163	70	233
Average	199	83	283

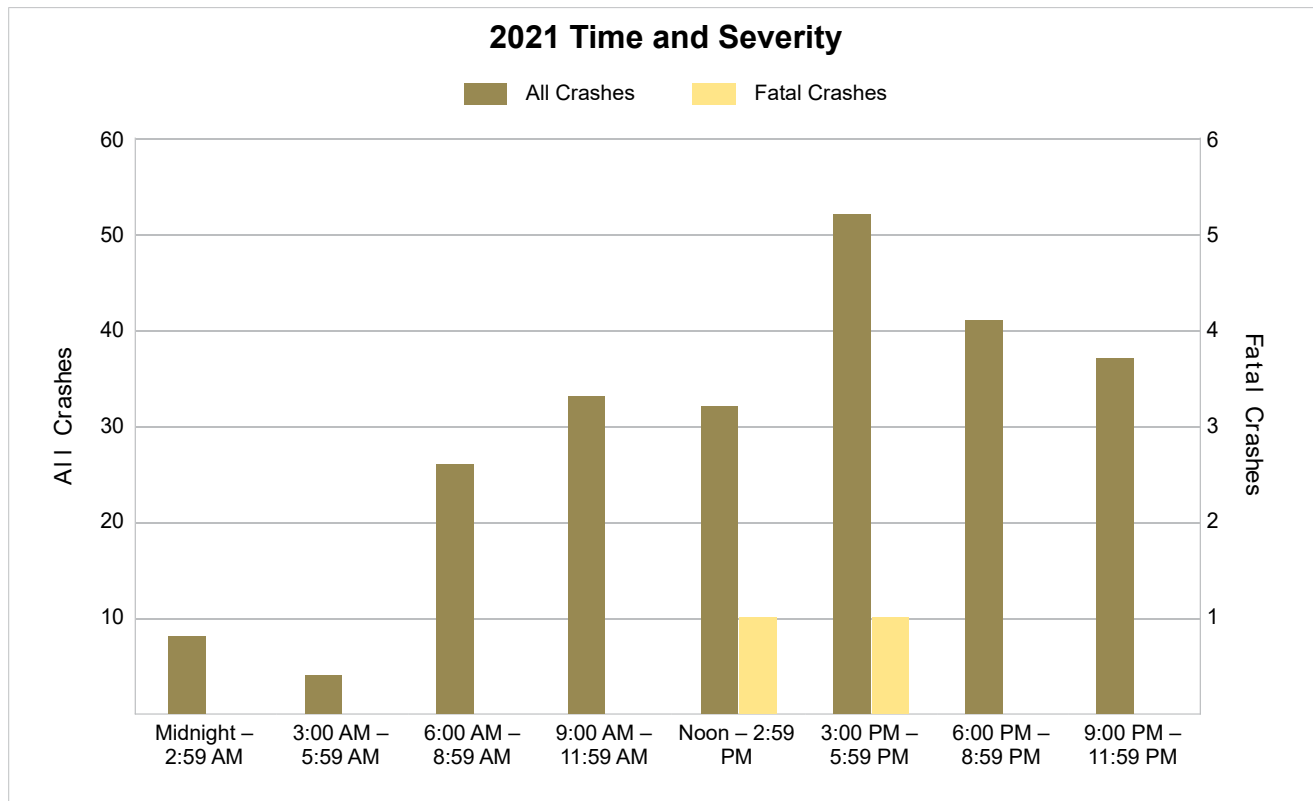
5-Year Trend - Crashes by Time of Day

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	23	0	15	0	20	0	14	0	8	0
3:00 AM – 5:59 AM	13	0	8	0	11	0	9	0	4	0
6:00 AM – 8:59 AM	39	0	31	0	26	1	24	0	26	0
9:00 AM – 11:59 AM	47	0	50	0	48	0	41	0	33	0
Noon – 2:59 PM	44	0	46	0	62	1	49	1	32	1
3:00 PM – 5:59 PM	45	0	72	0	55	1	55	0	52	1
6:00 PM – 8:59 PM	63	0	46	0	41	0	38	1	41	0
9:00 PM – 11:59 PM	40	1	46	0	22	1	36	0	37	0
Unknown	0	0	2	0	0	0	0	0	0	0
Total	314	1	316	0	285	4	266	2	233	2

5-Year Trend
Crashes by Time of Day5-Year Trend
Fatal Crashes by Time of Day

2021 - Time and Severity

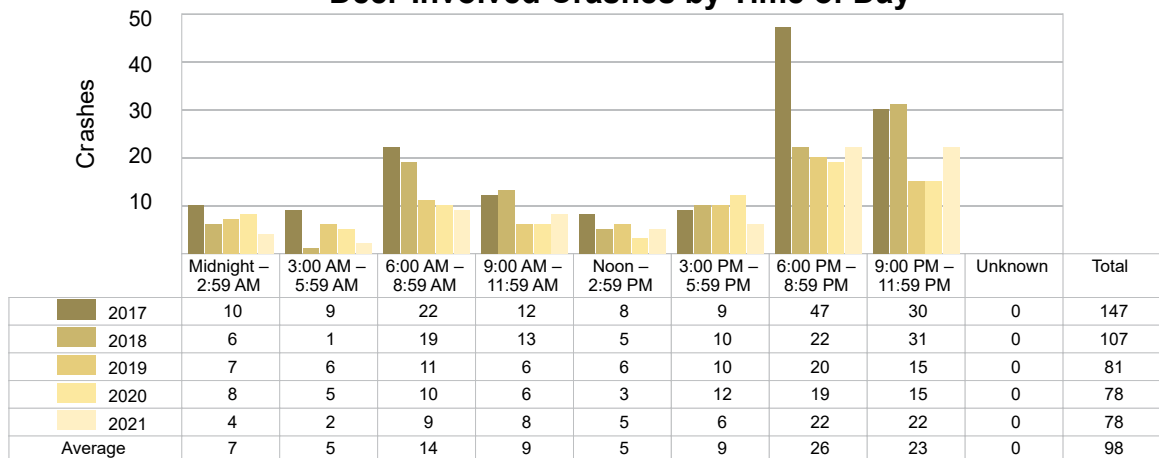
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight – 2:59 AM	8	3.4	0	0.0	0	1	0	7
3:00 AM – 5:59 AM	4	1.7	0	0.0	1	0	0	3
6:00 AM – 8:59 AM	26	11.2	0	0.0	0	0	3	23
9:00 AM – 11:59 AM	33	14.2	0	0.0	2	0	2	29
Noon – 2:59 PM	32	13.7	1	50.0	1	3	3	24
3:00 PM – 5:59 PM	52	22.3	1	50.0	3	2	4	42
6:00 PM – 8:59 PM	41	17.6	0	0.0	1	2	1	37
9:00 PM – 11:59 PM	37	15.9	0	0.0	0	0	0	37
Unknown	0	0.0	0	0.0	0	0	0	0
Total	233	100.0	2	100.0	8	8	13	202



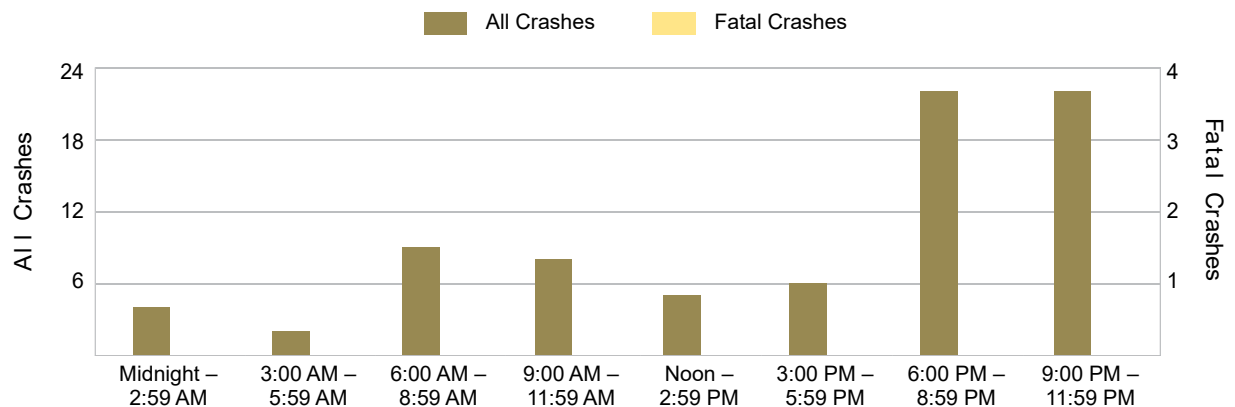
5-Year Trend - Deer-Involved Crashes by Time of Day

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	10	0	6	0	7	0	8	0	4	0
3:00 AM – 5:59 AM	9	0	1	0	6	0	5	0	2	0
6:00 AM – 8:59 AM	22	0	19	0	11	0	10	0	9	0
9:00 AM – 11:59 AM	12	0	13	0	6	0	6	0	8	0
Noon – 2:59 PM	8	0	5	0	6	0	3	0	5	0
3:00 PM – 5:59 PM	9	0	10	0	10	0	12	0	6	0
6:00 PM – 8:59 PM	47	0	22	0	20	0	19	0	22	0
9:00 PM – 11:59 PM	30	0	31	0	15	0	15	0	22	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	147	0	107	0	81	0	78	0	78	0

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



2021 Time and Severity of Deer-Involved Crashes

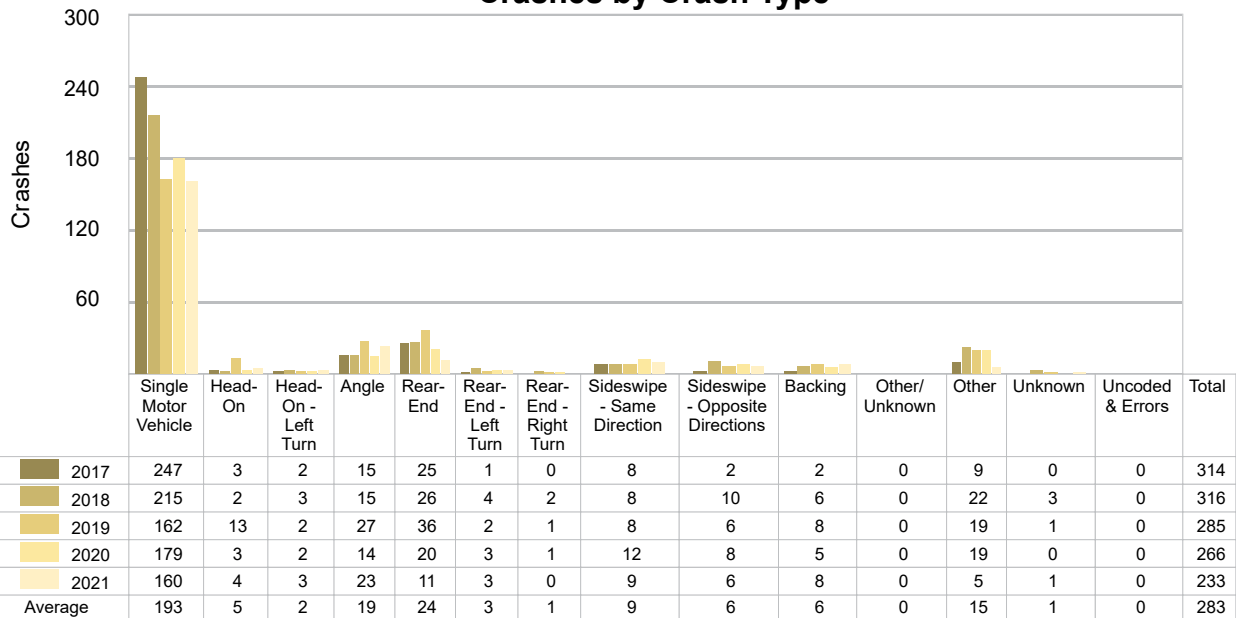


There were no fatal deer-involved crashes in Alger County in 2021.

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	247	0	215	0	162	2	179	0	160	2
Head-On	3	0	2	0	13	1	3	0	4	0
Head-On - Left Turn	2	0	3	0	2	0	2	0	3	0
Angle	15	0	15	0	27	1	14	2	23	0
Rear-End	25	1	26	0	36	0	20	0	11	0
Rear-End - Left Turn	1	0	4	0	2	0	3	0	3	0
Rear-End - Right Turn	0	0	2	0	1	0	1	0	0	0
Sideswipe - Same Direction	8	0	8	0	8	0	12	0	9	0
Sideswipe - Opposite Directions	2	0	10	0	6	0	8	0	6	0
Backing	2	0	6	0	8	0	5	0	8	0
Other/Unknown	0	0	0	0	0	0	0	0	0	0
Other	9	0	22	0	19	0	19	0	5	0
Unknown	0	0	3	0	1	0	0	0	1	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	314	1	316	0	285	4	266	2	233	2

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	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	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	2	0	0	0
August	0	0	0	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	0	0
November	0	0	0	0	1	0	0	0	0	0
December	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	1	0	2	0	0	0

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	0	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	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0
August	0	0	0	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	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	0	0	1	0	0	0	0	0	0	0

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	0	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	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0
August	0	0	0	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	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	0	0	1	0	0	0	0	0	0	0

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
Au Train Twp.	33	0	5	28	0	0	24	8	2	0	13	0	0
Burt Twp.	20	1	5	14	0	0	7	13	1	0	3	0	0
Chatham	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Island Twp.	12	0	1	11	0	0	12	0	0	0	2	0	0
Limestone Twp.	17	0	1	16	0	13	2	2	1	0	12	0	0
Mathias Twp.	14	1	0	13	0	8	4	2	0	0	9	0	0
Munising	38	0	3	35	0	0	15	23	1	1	3	0	0
Munising Twp.	66	0	14	52	0	0	41	25	0	0	17	0	0
Onota Twp.	17	0	0	17	0	0	16	1	0	0	9	0	0
Rock River Twp.	16	0	0	16	0	0	10	6	2	0	10	0	0
Total	233	2	29	202	0	21	131	80	7	1	78	0	0

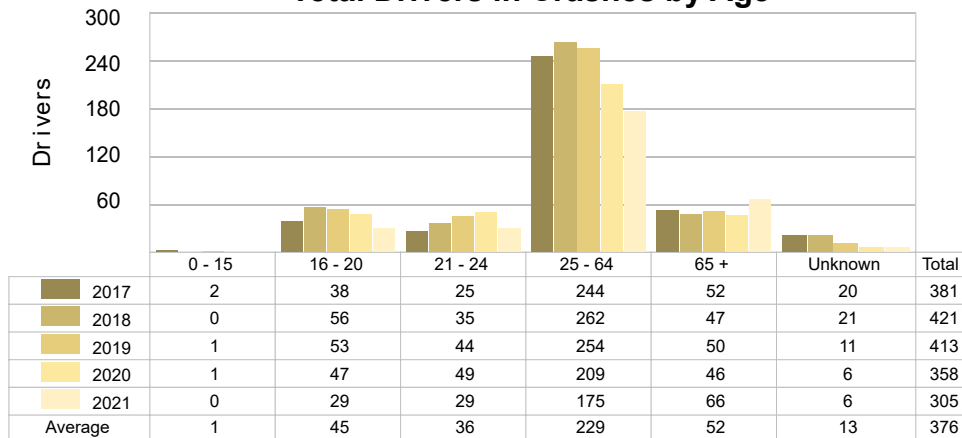
2021 - People in Reported Motor Vehicle Crashes by Municipality

Municipality	People					
	Fatalities	Suspected Serious Injuries	Suspected Minor Injuries	Possible Injuries	No Injuries	Uncoded & Errors
Au Train Twp.	0	6	2	2	36	0
Burt Twp.	1	1	3	3	16	2
Chatham	0	0	0	0	0	0
Grand Island Twp.	0	2	0	0	16	0
Limestone Twp.	0	0	0	1	21	0
Mathias Twp.	1	0	0	0	16	1
Munising	0	0	1	4	63	3
Munising Twp.	0	8	9	12	88	1
Onota Twp.	0	0	0	0	20	0
Rock River Twp.	0	0	0	0	19	0
Total	2	17	15	22	295	7

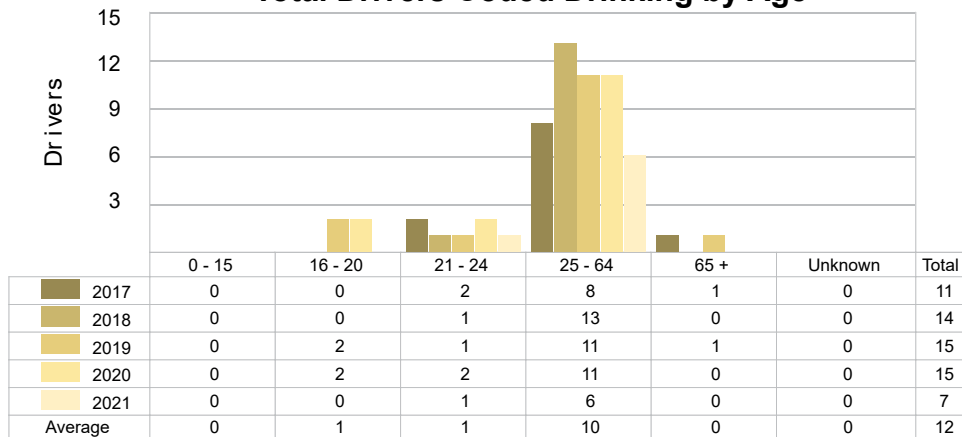
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	2	0	0	0	1	0	1	0	0	0
16 - 20	38	0	56	0	53	2	47	2	29	0
21 - 24	25	2	35	1	44	1	49	2	29	1
25 - 64	244	8	262	13	254	11	209	11	175	6
65 +	52	1	47	0	50	1	46	0	66	0
Unknown	20	0	21	0	11	0	6	0	6	0
Total	381	11	421	14	413	15	358	15	305	7

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	0	0	0	0	0	0	0	0	0
21 - 24	1	0	0	1	0	0	0	0	1
25 - 64	6	4	4	6	0	0	1	2	3
65 +	0	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0
Total	7	4	4	7	0	0	1	2	4

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).

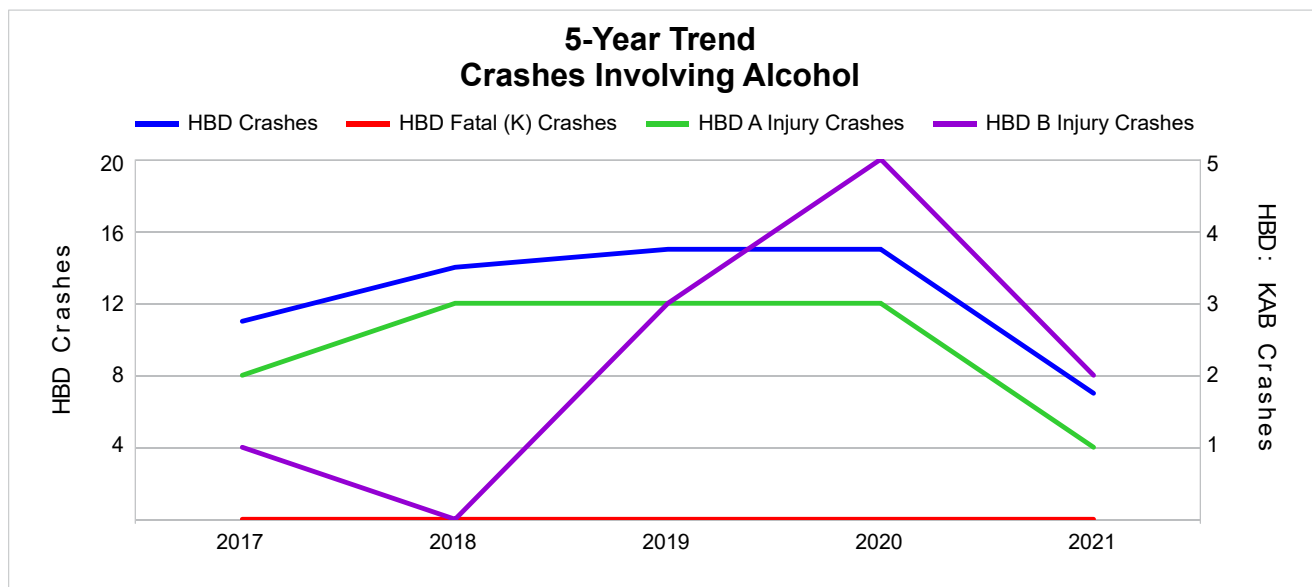
A driver may be coded by the officer as drinking even though no test is administered.

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	314	11	3.5	1	0	0.0	13	2	15.4	8	1	12.5
2018	316	14	4.4	0	0	0.0	13	3	23.1	9	0	0.0
2019	285	15	5.3	4	0	0.0	12	3	25.0	14	3	21.4
2020	266	15	5.6	2	0	0.0	16	3	18.8	23	5	21.7
2021	233 *	7 *	3.0 *	2	0	0.0	8 *	1 *	12.5 *	8	2	25.0 **

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.



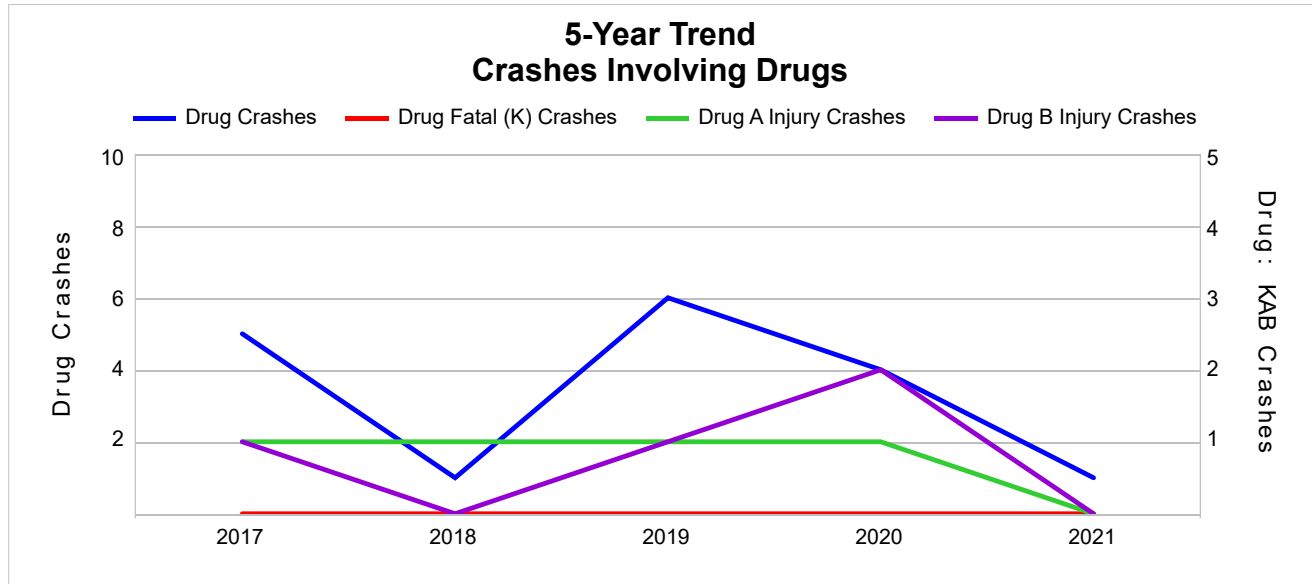
Note: Had-Been-Drinking (HBD)

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	314	5	1.6	1	0	0.0	13	1	7.7	8	1	12.5
2018	316	1	0.3	0	0	0.0	13	1	7.7	9	0	0.0
2019	285	6	2.1	4	0	0.0	12	1	8.3	14	1	7.1
2020	266	4	1.5	2	0	0.0	16	1	6.3	23	2	8.7
2021	233 *	1	0.4	2	0	0.0	8 *	0 *	0.0 *	8	0	0.0

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.

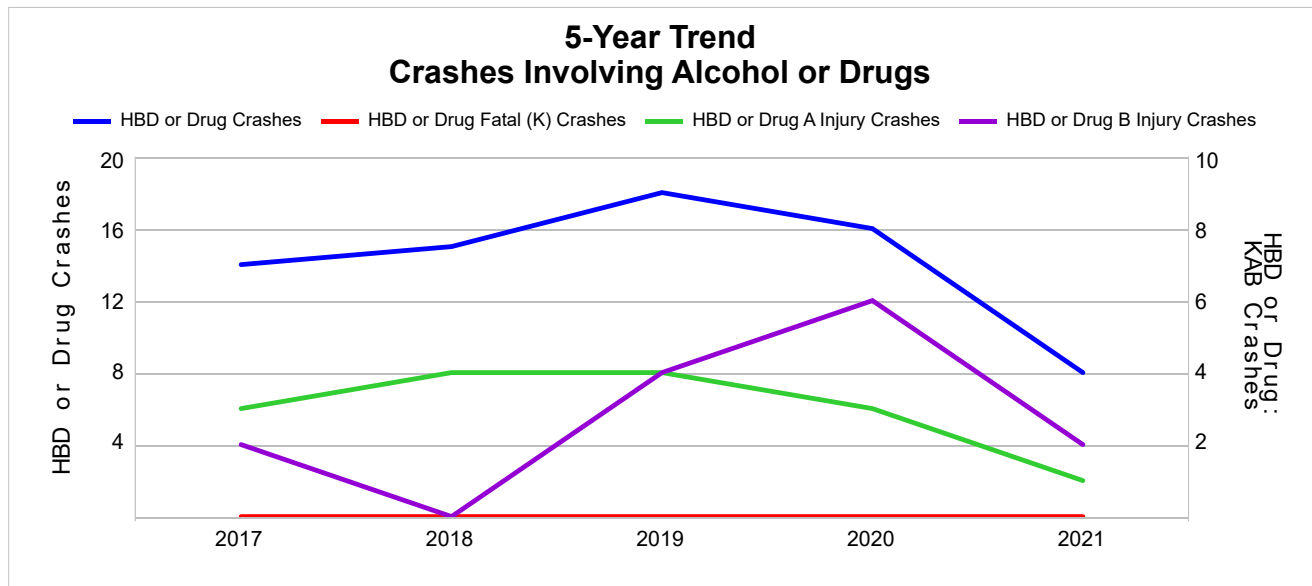


5-Year Trend - Crashes Involving Alcohol or Drugs

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	314	14	4.5	1	0	0.0	13	3	23.1	8	2	25.0
2018	316	15	4.7	0	0	0.0	13	4	30.8	9	0	0.0
2019	285	18	6.3	4	0	0.0	12	4	33.3	14	4	28.6
2020	266	16	6.0	2	0	0.0	16	3	18.8	23	6	26.1
2021	233 *	8 *	3.4 *	2	0	0.0	8 *	1 *	12.5 *	8	2	25.0

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.



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	195	178	91.3	0	0	0.0	2	2	100.0	3	3	100.0	9	8	88.9	179	165	92.2
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	82	71	86.6	1	1	100.0	6	2	33.3	2	0	0.0	6	6	100.0	63	62	98.4
Small Truck Under 10,000 lbs. GVWR	3	3	100.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	2	2	100.0
Motorcycle	9	4	44.4	1	0	0.0	3	1	33.3	2	2	100.0	3	1	33.3	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	9	9	100.0	0	0	0.0	1	1	100.0	2	2	100.0	2	2	100.0	4	4	100.0
Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Other (non-registered farm equipment, construction equipment, snow plows, etc.)	3	2	66.7	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	2	2	100.0
Truck/Bus (over 10,000 lbs. GVWR/ 8+ occupants/hazmat placard)	13	11	84.6	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	13	11	84.6
Uncoded & Errors	1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	316	279	88.3	2	1	50.0	12	6	50.0	9	7	77.8	22	18	81.8	264	247	93.6

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

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

Age Group	Total Occupants			Fatalities			A - Suspected Serious			B - Suspected Minor			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
0 - 15	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0
16 - 20	30	28	93.3	0	0	0.0	1	1	100.0	0	0	0.0	6	5	83.3	23	22	95.7
21 - 24	29	28	96.6	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	28	27	96.4
25 - 64	183	158	86.3	1	0	0.0	9	3	33.3	7	5	71.4	12	9	75.0	154	141	91.6
65 +	67	64	95.5	1	1	100.0	2	2	100.0	2	2	100.0	2	2	100.0	59	57	96.6
Unknown	6	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	316	279	88.3	2	1	50.0	12	6	50.0	9	7	77.8	22	18	81.8	264	247	93.6

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

5-Year Trend - Restraint Use Among Drivers

Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	2	0	0	0	0	0	3	0	0	0	0	0	2	0	1
Shoulder Belt Only Used	1	0	0	3	0	0	2	0	1	2	0	1	1	0	0
Lap Belt Only Used	2	0	1	0	0	0	1	0	1	0	0	0	0	0	0
Both Lap & Shoulder Belt Used	328	0	21	362	0	27	348	0	27	305	1	36	261	1	18
No Belts Used	9	0	5	3	0	2	4	0	2	4	0	1	1	0	1
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	19	0	2	26	0	1	24	0	2	23	0	2	25	0	2
Helmet Worn	12	0	7	18	0	9	26	4	17	19	0	13	12	0	8
Helmet Not Worn	2	0	2	1	0	1	3	1	0	4	0	3	3	1	2
Helmet Use Unknown	0	0	0	3	0	2	2	0	0	1	0	1	0	0	0
Uncoded & Errors	6	0	0	5	0	0	0	0	0	0	0	0	0	0	0
Total	381	0	38	421	0	42	413	5	50	358	1	57	305	2	32

5-Year Trend - Restraint Use Among Drivers Coded Drinking

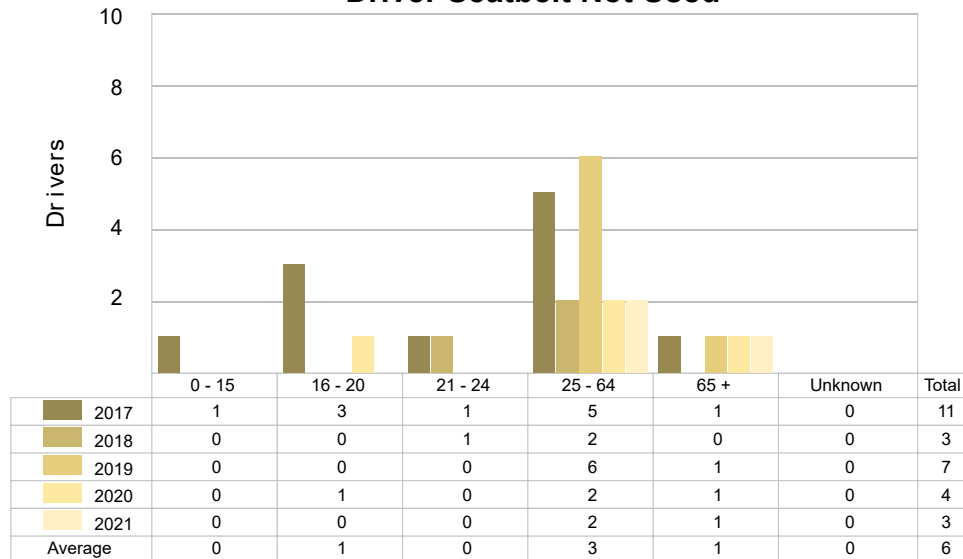
Restraint Use	2017			2018			2019			2020			2021		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No Belts Available	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoulder Belt Only Used	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0
Lap Belt Only Used	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Both Lap & Shoulder Belt Used	6	0	0	8	0	1	6	0	3	7	0	4	4	0	1
No Belts Used	3	0	3	1	0	1	1	0	1	1	0	1	1	0	1
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	2	0	2	1	0	0	5	0	1	4	0	1	2	0	1
Helmet Worn	0	0	0	3	0	3	2	0	2	1	0	1	0	0	0
Helmet Not Worn	0	0	0	0	0	0	0	0	0	1	0	1	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	11	0	5	14	0	5	15	0	8	15	0	9	7	0	3

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	3	0	0	0	0	0	0	0	0	1	0	1	0	0	0
21 - 24	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0
25 - 64	5	0	3	2	0	1	6	0	2	2	0	0	2	0	2
65 +	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	11	0	5	3	0	2	7	0	2	4	0	1	3	0	2

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

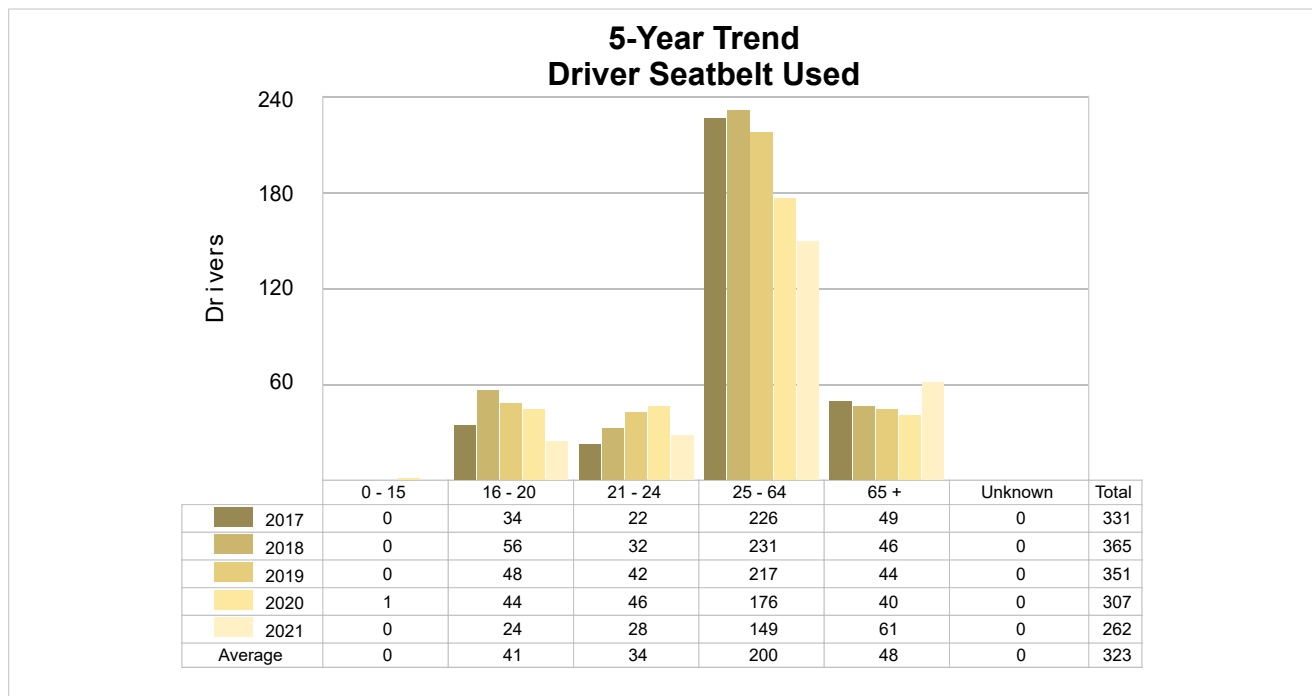
5-Year Trend Driver Seatbelt Not Used



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	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
16 - 20	34	0	3	56	0	6	48	0	4	44	0	3	24	0	4
21 - 24	22	0	1	32	0	0	42	0	7	46	0	9	28	0	1
25 - 64	226	0	16	231	0	18	217	0	15	176	0	22	149	0	10
65 +	49	0	2	46	0	3	44	0	3	40	1	3	61	1	3
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	331	0	22	365	0	27	351	0	29	307	1	37	262	1	18

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	227	1	249	0	221	3	211	2	171	0
Speed Too Fast	56	1	52	0	66	1	42	0	43	0
Speed Too Slow	0	0	0	0	0	0	0	0	0	0
Failed to Yield	15	0	16	0	27	0	15	0	18	0
Disregard Traffic Control	1	0	2	0	7	0	6	0	1	0
Drove Wrong Way	0	0	0	0	0	0	0	0	1	0
Drove Left of Center	0	0	1	0	3	0	1	0	2	0
Improper Passing	1	0	2	0	1	0	1	0	2	0
Improper Lane Use	0	0	5	0	0	0	2	0	2	0
Improper Turn	3	0	3	0	3	0	2	1	6	0
Improper/No Signal	1	0	0	0	0	0	1	0	1	0
Improper Backing	7	0	10	0	5	0	4	0	6	0
Unable to Stop in Assured Clear Distance	15	0	25	0	23	0	15	0	10	0
Other	22	0	27	0	8	0	18	0	10	0
Unknown	13	0	17	0	22	2	16	0	25	2
Reckless Driving	2	0	1	0	1	0	2	0	0	0
Careless/Negligent Driving	18	0	11	0	26	0	22	1	7	0
Uncoded & Errors	0	0	0	0	0	0	0	0	0	0
Total	381	2	421	0	413	6	358	4	305	2

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

