



2018

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

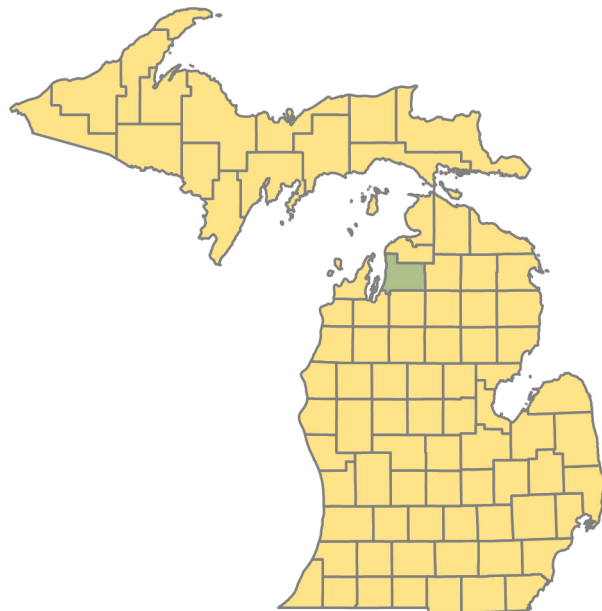
O = No Injury

Property Damage Only (PDO)



Antrim County

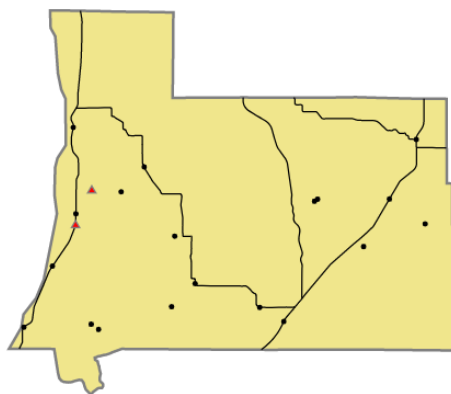
2018 Traffic Crash Data & 2014-2018 5-Year Trends



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.

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Crashes by most severe injury (mapped/actual)

- ▲ K - Fatal (2/2)
- A - Suspected Serious (19/20)

Antrim County

In 2018:

There were 1,114 drivers involved in 925 motor vehicle crashes in Antrim County. Of those crashes, 2 were classified as fatal, resulting in 2 fatalities. An additional 143 persons were injured.

Antrim County experienced the highest number of motor vehicle crashes (142) in November, the highest number of fatal crashes (1) and the highest number of persons killed (1) in May and October.

Michigan driver statistics indicate 5.2 percent of licensed drivers in Antrim County were age 16-20, and 7.7 percent of drivers in crashes were also in that age group.

2018 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	79	0	9	70	0	10
February	87	0	8	79	0	9
March	63	0	4	59	0	5
April	69	0	8	61	0	11
May	58	1	7	50	1	14
June	55	0	6	49	0	10
July	67	0	15	52	0	18
August	65	0	15	50	0	24
September	60	0	6	54	0	6
October	72	1	5	66	1	10
November	142	0	11	131	0	13
December	108	0	11	97	0	13
Total	925	2	105	818	2	143

2018 - Driver Statistics

Age Group	Antrim County			Driver Rates	
	2018 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	3,685	111	4	10.9	360.4
16 - 20	1,149	1,032	86	748.5	833.3
21 - 24	899	929	99	1,101.2	1,065.7
25 - 64	11,290	11,223	743	658.1	662.0
65 +	6,342	6,398	151	238.1	236.0
Unknown	0	0	31	- -	- -
Total	23,365	19,693	1,114	476.8	565.7

2018 - 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	828	74.3	1	25.0	109	718
Motor home	1	0.1	0	0.0	1	0
Pickup truck	234	21.0	1	25.0	29	204
Small truck under 10,000 lbs. GVWR	6	0.5	0	0.0	1	5
Motorcycle	10	0.9	1	25.0	8	1
Moped / goped	0	0.0	0	0.0	0	0
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	5	0.4	0	0.0	5	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	1	0.1	0	0.0	1	0
Other	2	0.2	0	0.0	0	2
Truck/bus over 10,000 lbs.	26	2.3	1	25.0	4	21
Unknown	1	0.1	0	0.0	0	1
Total	1,114	100.0	4	100.0	158	952

5-Year Trend - Crashes by Month

Month	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	85	0	86	1	84	0	90	0	79	0
February	82	0	64	0	84	0	80	0	87	0
March	73	0	63	0	48	0	58	0	63	0
April	49	0	34	0	79	0	40	0	69	0
May	46	0	53	0	58	0	61	0	58	1
June	64	0	61	0	71	1	69	0	55	0
July	60	1	69	1	83	1	65	2	67	0
August	47	1	67	1	64	0	78	0	65	0
September	55	0	71	0	67	0	60	0	60	0
October	94	1	84	0	35	1	121	0	72	1
November	128	0	104	0	44	2	126	0	142	0
December	103	0	47	0	75	0	123	1	108	0
Total	886	3	803	3	792	5	971	3	925	2

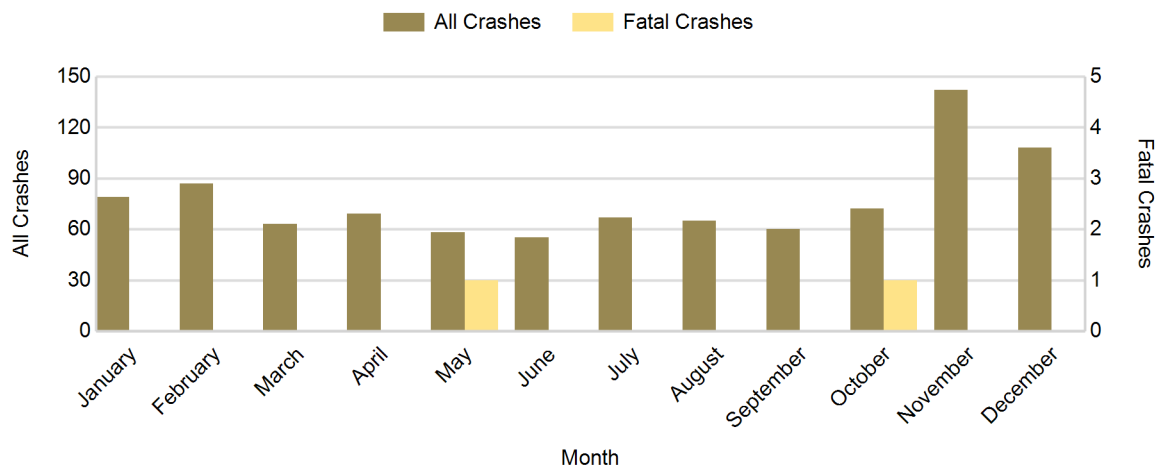
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	113	0	121	0	108	0	125	0	120	0
Tuesday	119	0	102	0	92	1	149	1	144	0
Wednesday	134	0	135	1	112	2	141	0	134	0
Thursday	127	0	126	1	134	0	149	0	123	0
Friday	173	2	116	0	131	1	151	0	149	0
Saturday	126	1	99	1	124	0	141	0	135	1
Sunday	94	0	104	0	91	1	115	2	120	1
Total	886	3	803	3	792	5	971	3	925	2

Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred on the same day of the week

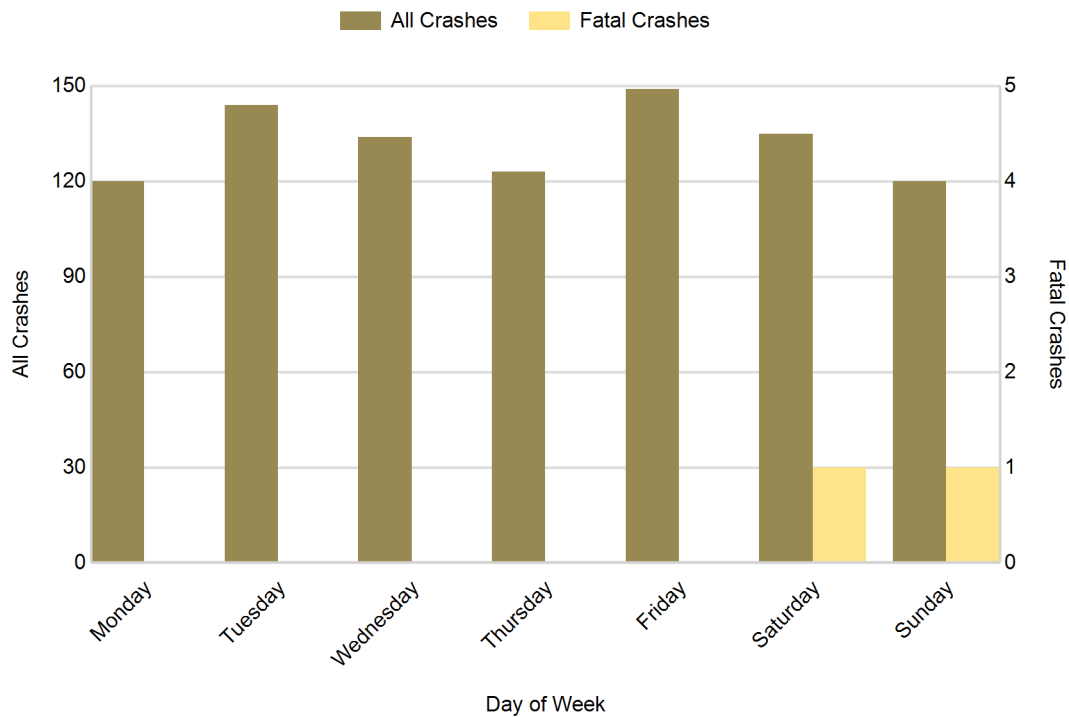
2018 Crashes by Month



2018 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	120	13.0	0	0.0	0	5	4	111
Tuesday	144	15.6	0	0.0	2	2	13	127
Wednesday	134	14.5	0	0.0	2	6	10	116
Thursday	123	13.3	0	0.0	2	0	8	113
Friday	149	16.1	0	0.0	4	7	5	133
Saturday	135	14.6	1	50.0	7	3	7	117
Sunday	120	13.0	1	50.0	3	7	8	101
Total	925	100.0	2	100.0	20	30	55	818

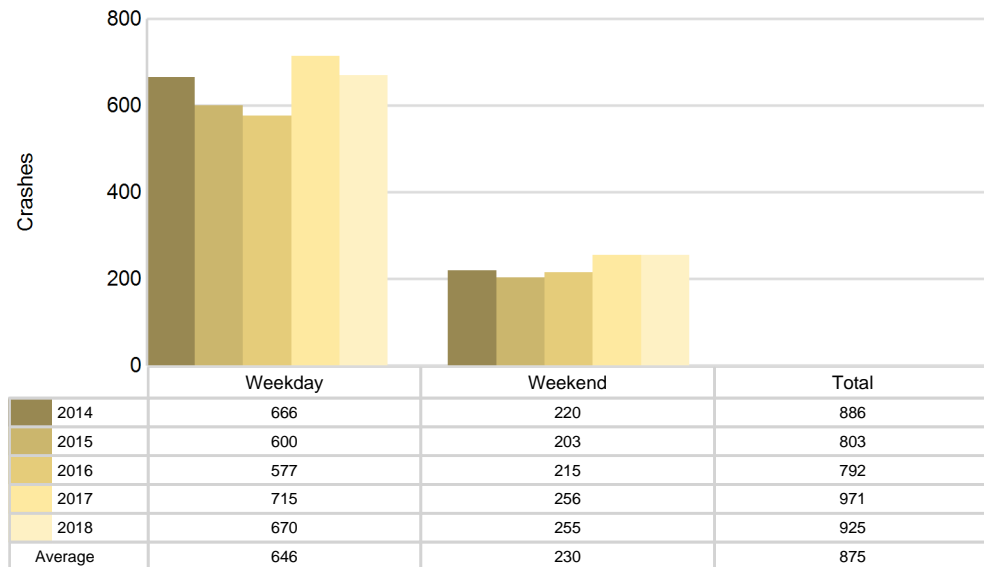
2018 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	666	2	600	2	577	4	715	1	670	0
Weekend	220	1	203	1	215	1	256	2	255	2
Total	886	3	803	3	792	5	971	3	925	2

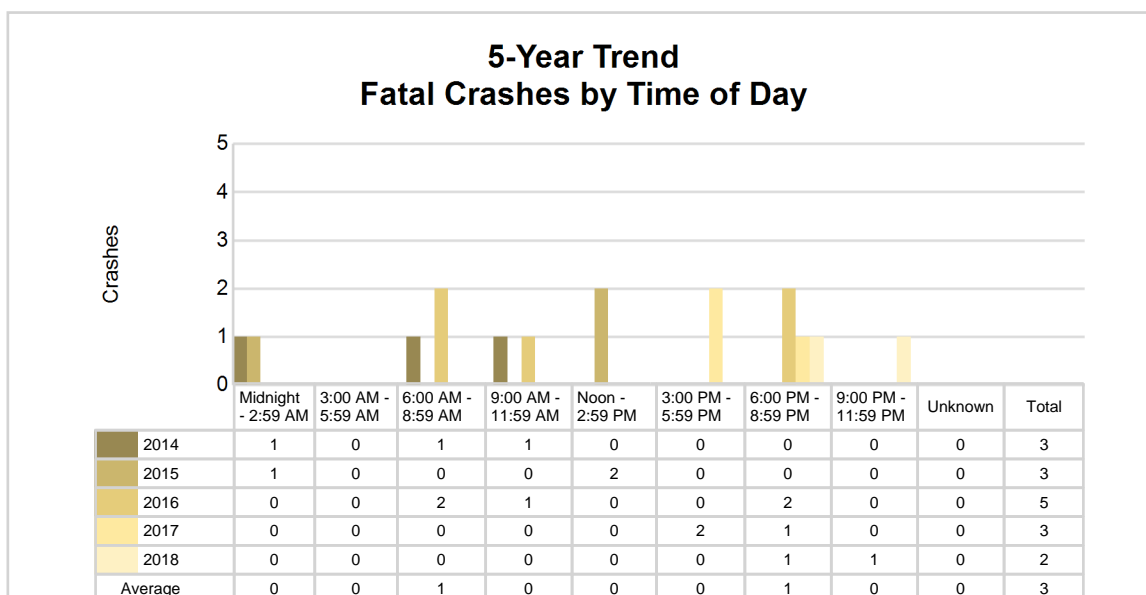
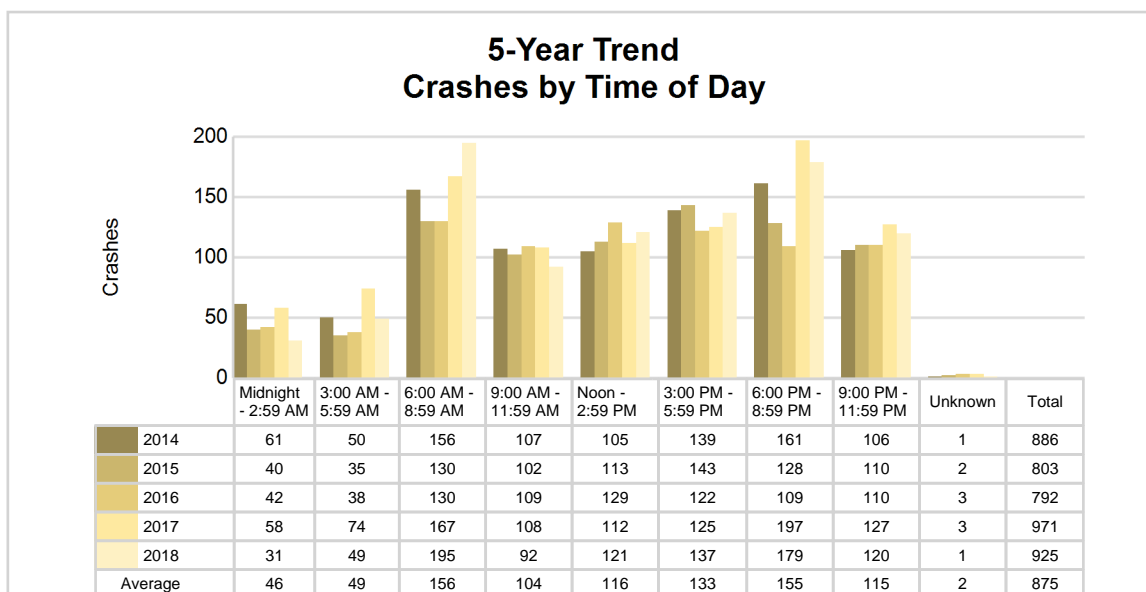
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

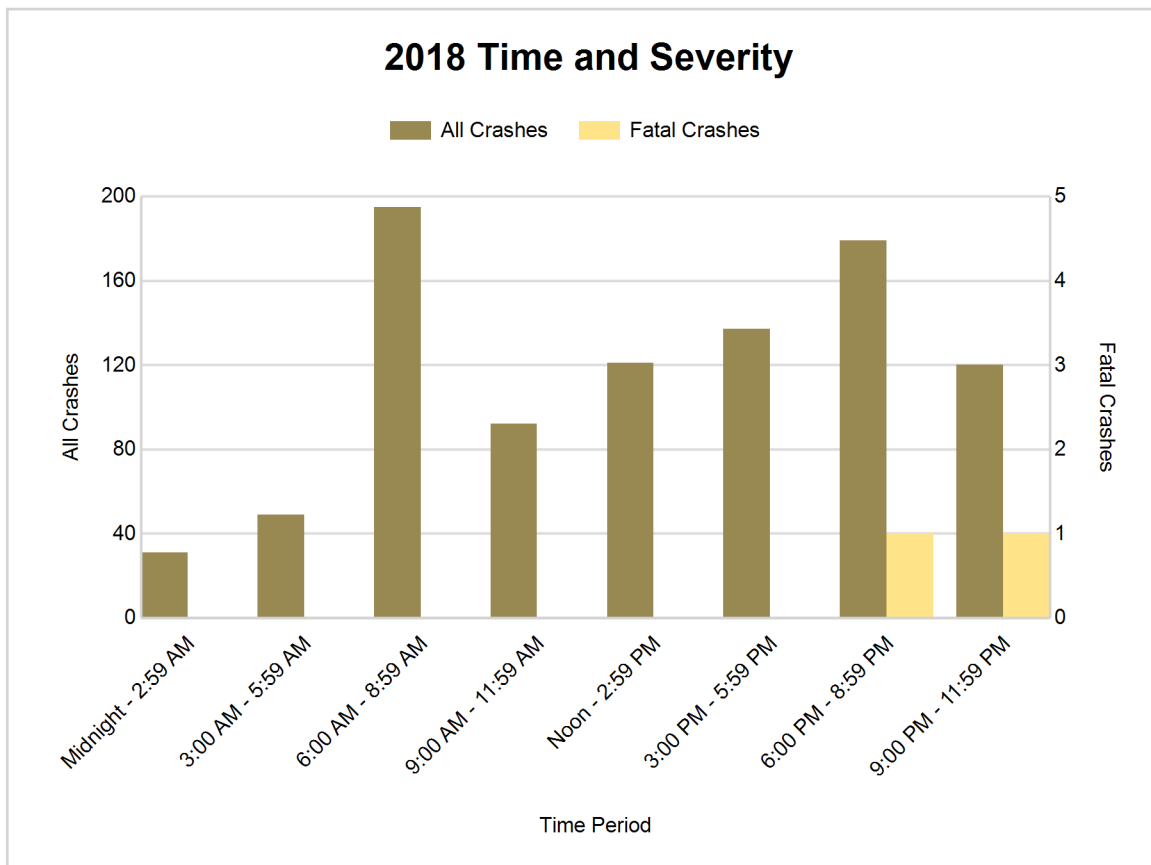
Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	61	1	40	1	42	0	58	0	31	0
3:00 AM - 5:59 AM	50	0	35	0	38	0	74	0	49	0
6:00 AM - 8:59 AM	156	1	130	0	130	2	167	0	195	0
9:00 AM - 11:59 AM	107	1	102	0	109	1	108	0	92	0
Noon - 2:59 PM	105	0	113	2	129	0	112	0	121	0
3:00 PM - 5:59 PM	139	0	143	0	122	0	125	2	137	0
6:00 PM - 8:59 PM	161	0	128	0	109	2	197	1	179	1
9:00 PM - 11:59 PM	106	0	110	0	110	0	127	0	120	1
Unknown	1	0	2	0	3	0	3	0	1	0
Total	886	3	803	3	792	5	971	3	925	2

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



2018 - Time and Severity

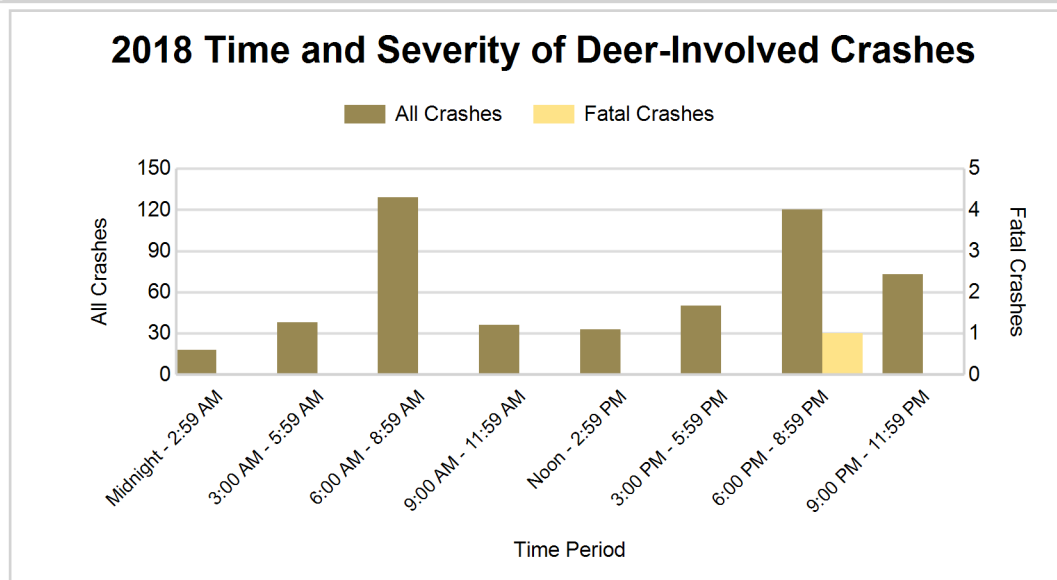
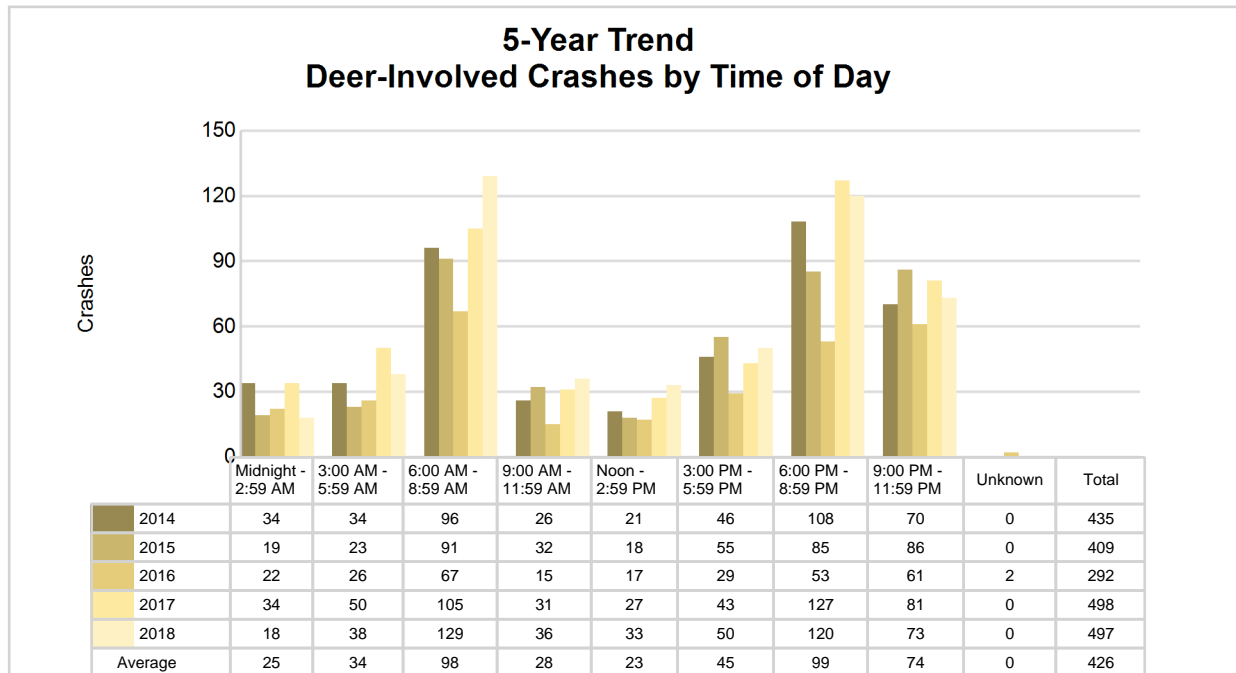
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	31	3.4	0	0.0	0	2	1	28
3:00 AM - 5:59 AM	49	5.3	0	0.0	0	1	2	46
6:00 AM - 8:59 AM	195	21.1	0	0.0	1	6	8	180
9:00 AM - 11:59 AM	92	9.9	0	0.0	5	2	6	79
Noon - 2:59 PM	121	13.1	0	0.0	4	6	7	104
3:00 PM - 5:59 PM	137	14.8	0	0.0	5	1	16	115
6:00 PM - 8:59 PM	179	19.4	1	50.0	3	7	8	160
9:00 PM - 11:59 PM	120	13.0	1	50.0	2	5	7	105
Unknown	1	0.1	0	0.0	0	0	0	1
Total	925	100.0	2	100.0	20	30	55	818



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

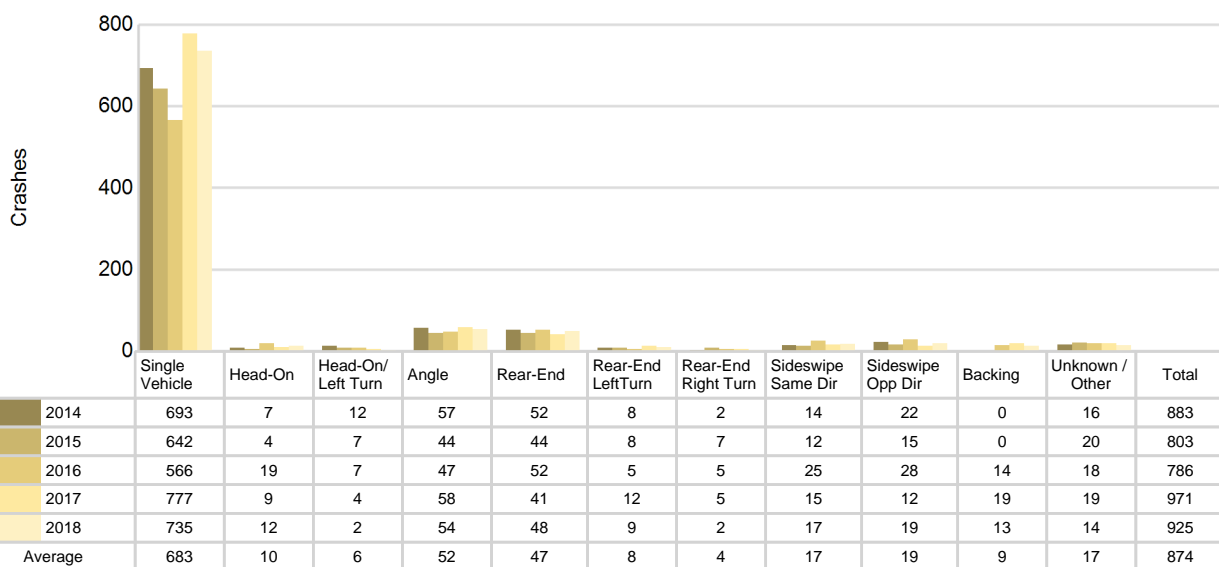
Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	34	0	19	0	22	0	34	0	18	0
3:00 AM - 5:59 AM	34	0	23	0	26	0	50	0	38	0
6:00 AM - 8:59 AM	96	0	91	0	67	0	105	0	129	0
9:00 AM - 11:59 AM	26	0	32	0	15	0	31	0	36	0
Noon - 2:59 PM	21	0	18	0	17	0	27	0	33	0
3:00 PM - 5:59 PM	46	0	55	0	29	0	43	0	50	0
6:00 PM - 8:59 PM	108	0	85	0	53	0	127	0	120	1
9:00 PM - 11:59 PM	70	0	86	0	61	0	81	0	73	0
Unknown	0	0	0	0	2	0	0	0	0	0
Total	435	0	409	0	292	0	498	0	497	1

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



5-Year Trend - Crashes by Crash Type

Crash Type	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single motor vehicle	693	3	642	2	566	4	777	1	735	1
Head-on	7	0	4	0	19	1	9	1	12	1
Head-on / left turn	12	0	7	0	7	0	4	0	2	0
Angle	57	0	44	0	47	0	58	0	54	0
Rear-end	52	0	44	0	52	0	41	0	48	0
Rear-end left turn	8	0	8	0	5	0	12	1	9	0
Rear-end right turn	2	0	7	0	5	0	5	0	2	0
Sideswipe same direction	14	0	12	0	25	0	15	0	17	0
Sideswipe opposite direction	22	0	15	1	28	0	12	0	19	0
Backing	0	0	0	0	14	0	19	0	13	0
Other / Unknown	16	0	20	0	18	0	19	0	14	0
Uncoded and Errors	3	0	0	0	6	0	0	0	0	0
Total	886	3	803	3	792	5	971	3	925	2

5-Year Trend
Crashes by Crash Type

Antrim County (continued)

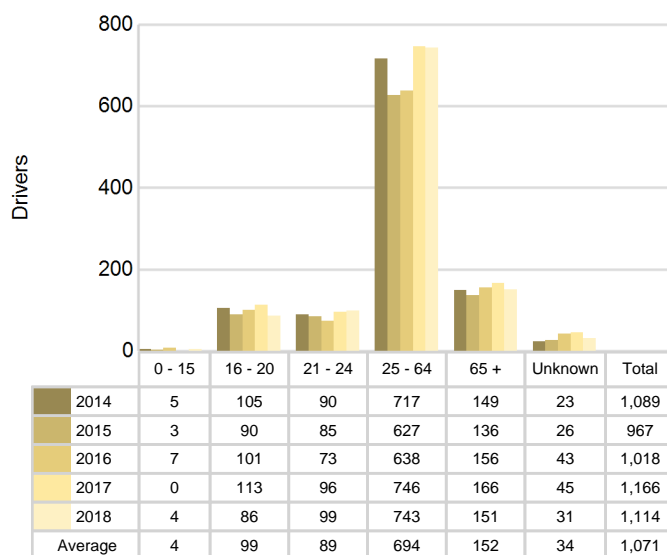
2018 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Banks Twp.	108	0	9	99	0	29	0	79	4	0	80	0	12
Bellaire	22	0	3	19	0	0	15	7	3	0	9	0	3
Central Lake	15	0	1	14	0	0	10	5	0	0	5	0	1
Central Lake Twp.	97	0	2	95	0	0	42	55	1	1	69	0	2
Chestonia Twp.	43	0	7	36	0	14	19	10	0	0	18	0	8
Custer Twp.	58	0	8	50	0	2	24	30	5	1	24	0	12
Echo Twp.	48	0	6	42	0	0	5	43	1	0	27	0	7
Elk Rapids	43	0	6	37	0	21	0	22	2	1	2	0	8
Elk Rapids Twp.	34	0	4	30	0	23	0	11	1	0	22	0	5
Ellsworth	7	0	1	6	0	0	0	7	0	0	2	0	1
Forest Home Twp.	55	0	5	50	0	0	19	36	0	0	37	0	6
Helena Twp.	49	0	4	45	0	0	0	49	0	0	37	0	7
Jordan Twp.	41	0	3	38	0	0	25	16	0	0	26	0	4
Kearney Twp.	46	0	5	41	0	0	4	39	2	1	23	0	6
Mancelona	15	0	1	14	0	7	0	8	0	0	0	0	1
Mancelona Twp.	54	0	11	43	0	21	6	27	1	1	17	0	23
Milton Twp.	58	1	5	52	0	13	0	45	2	0	34	1	9
Star Twp.	38	0	12	26	0	8	0	29	4	2	11	0	15
Torch Lake Twp.	48	1	7	40	0	39	3	6	0	0	35	1	7
Warner Twp.	46	0	5	41	0	22	22	2	2	1	19	0	6
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	925	2	105	818	0	199	194	526	28	8	497	2	143

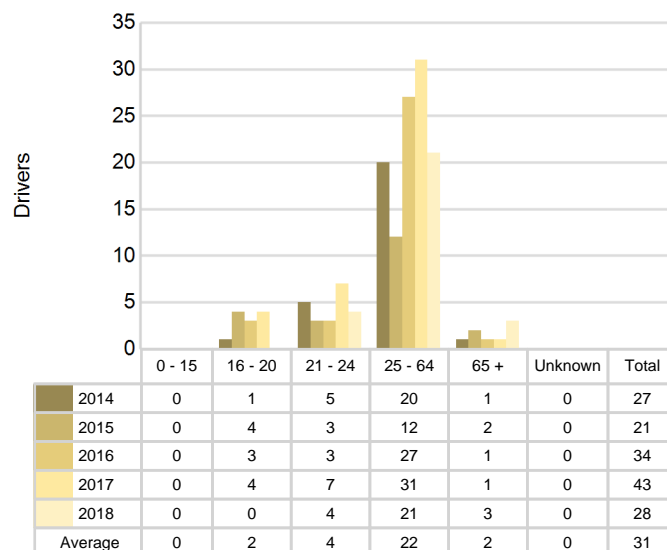
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2014		2015		2016		2017		2018	
	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	5	0	3	0	7	0	0	0	4	0
16 - 20	105	1	90	4	101	3	113	4	86	0
21 - 24	90	5	85	3	73	3	96	7	99	4
25 - 64	717	20	627	12	638	27	746	31	743	21
65 +	149	1	136	2	156	1	166	1	151	3
Unknown	23	0	26	0	43	0	45	0	31	0
Total	1,089	27	967	21	1,018	34	1,166	43	1,114	28

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



2018 - 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	1	0	0	0	0	0	0	0
21 - 24	4	4	4	4	0	0	4	0	0
25 - 64	26	26	17	21	1	2	5	6	7
65 +	5	5	2	3	0	0	1	0	2
Unknown	1	0	0	0	0	0	0	0	0
Total	36	36	23	28	1	2	10	6	9

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.

Alcohol-Involved Crashes

In 2018, there were 36 drivers in alcohol-involved crashes; 28 (77.8%) of those drivers were coded as had-been-drinking by the officer on the crash form.

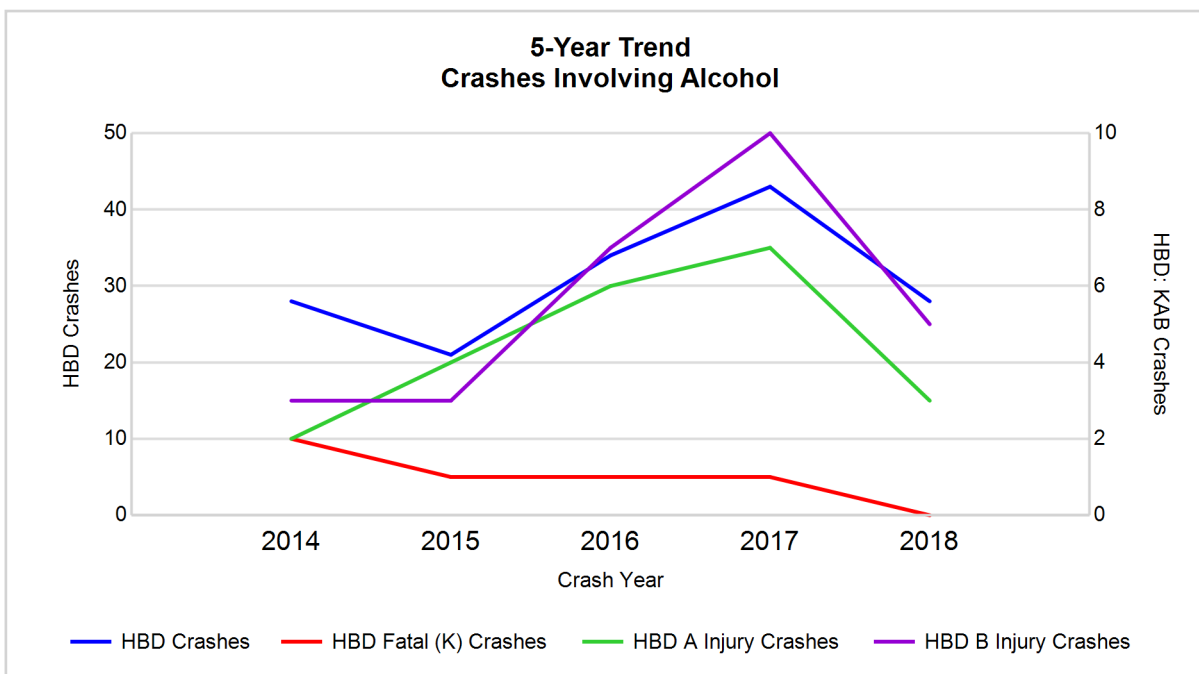
- 16 (57.1%) of the 28 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 6 (37.5%) of the 16 drivers had a BAC at or above 0.17 g/dL.
- 23 (82.1%) of the 28 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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
2014	886	28	3.2	3	2	66.7	17	2	11.8	36	3	8.3
2015	803	21	2.6	3	1	33.3	15	4	26.7	32	3	9.4
2016	792	34	4.3	5	1	20.0	25	6	24.0	37	7	18.9
2017	971	43	4.4	3	1	33.3	23	7	30.4	38	10	26.3
2018	925	28	3.0	2*	0*	0.0*	20	3	15.0	30*	5	16.7

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

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



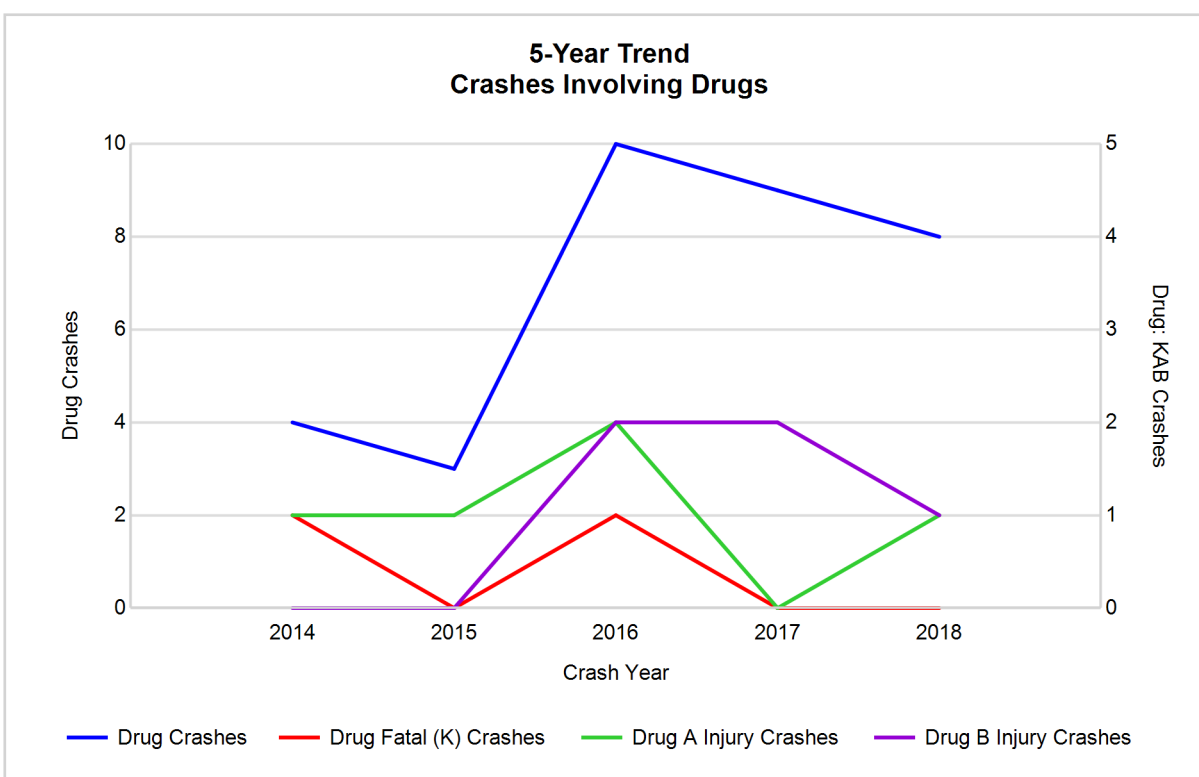
Note: Had-Been-Drinking (HBD)

5-Year Trend - Crashes Involving Drugs

Year	All Crashes	Drug Crashes	% Drug	Fatal Crashes	Drug Fatal Crashes	% Drug	A Injury Crashes	Drug A Injury Crashes	% Drug	B Injury Crashes	Drug B Injury Crashes	% Drug
2014	886	4	0.5	3	1	33.3	17	1	5.9	36	0	0.0
2015	803	3	0.4	3	0	0.0	15	1	6.7	32	0	0.0
2016	792	10	1.3	5	1	20.0	25	2	8.0	37	2	5.4
2017	971	9	0.9	3	0	0.0	23	0	0.0	38	2	5.3
2018	925	8	0.9	2*	0	0.0	20	1	5.0	30*	1	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

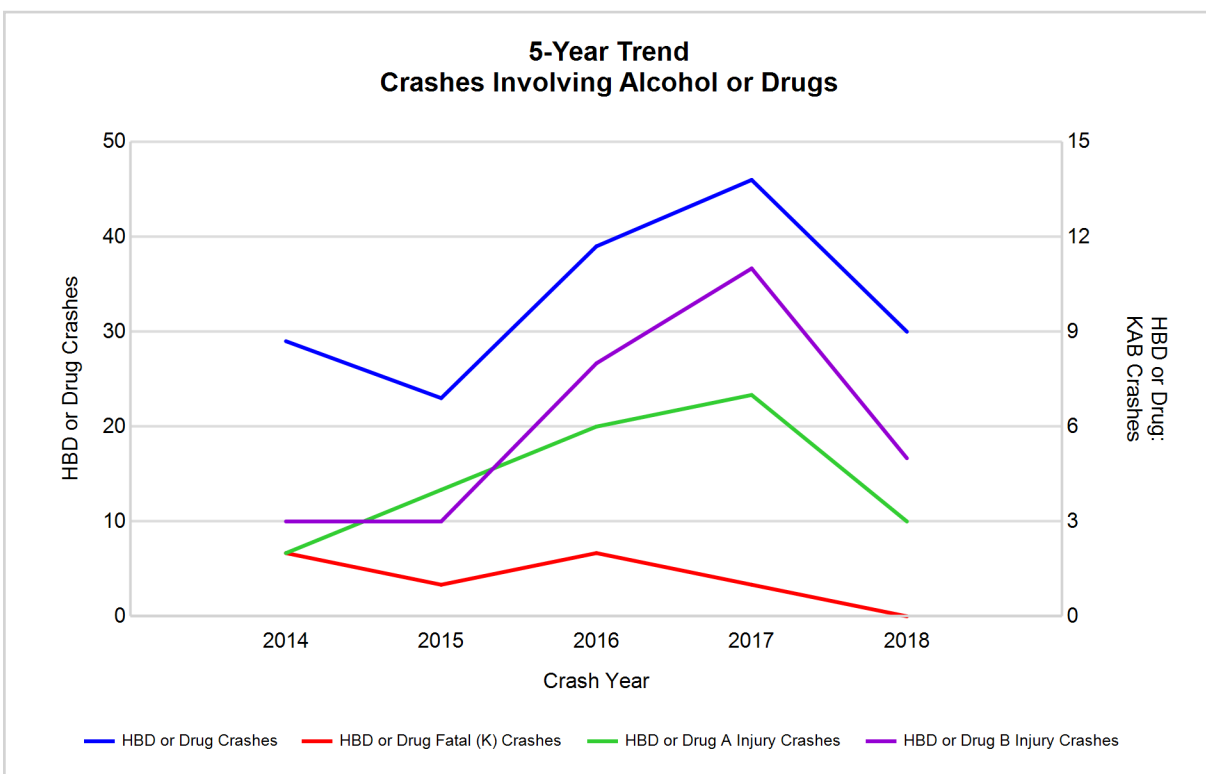


5-Year Trend - Crashes Involving Alcohol or Drugs

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
2014	886	29	3.3	3	2	66.7	17	2	11.8	36	3	8.3
2015	803	23	2.9	3	1	33.3	15	4	26.7	32	3	9.4
2016	792	39	4.9	5	2	40.0	25	6	24.0	37	8	21.6
2017	971	46	4.7	3	1	33.3	23	7	30.4	38	11	28.9
2018	925	30	3.2	2*	0*	0.0*	20	3	15.0	30*	5	16.7

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)

2018 - 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	848	771	90.9	0	0	0.0	14	11	78.6	28	24	85.7	58	54	93.1	717	671	93.6
Motor home	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Pickup truck	238	219	92.0	1	0	0.0	0	0	0.0	6	3	50.0	18	16	88.9	204	196	96.1
Small truck under 10,000 lbs. GVWR	6	5	83.3	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	4	4	100.0
Motorcycle	10	5	50.0	1	0	0.0	5	2	40.0	2	1	50.0	0	0	0.0	2	2	100.0
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	6	6	100.0	0	0	0.0	5	5	100.0	1	1	100.0	0	0	0.0	0	0	0.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	1	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0
Other	2	1	50.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Truck/bus over 10,000 lbs.	26	23	88.5	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	25	23	92.0
Unknown	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	1,139	1,031	90.5	2	0	0.0	24	18	75.0	39	30	76.9	77	70	90.9	954	898	94.1

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

2018 - 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	10	9	90.0	0	0	0.0	4	3	75.0	2	2	100.0	2	2	100.0	2	2	100.0
16 - 20	91	81	89.0	0	0	0.0	1	1	100.0	5	2	40.0	7	6	85.7	77	71	92.2
21 - 24	100	94	94.0	0	0	0.0	2	1	50.0	5	5	100.0	9	6	66.7	84	82	97.6
25 - 64	755	704	93.2	2	0	0.0	16	12	75.0	23	17	73.9	50	48	96.0	649	614	94.6
65 +	152	142	93.4	0	0	0.0	1	1	100.0	4	4	100.0	9	8	88.9	137	128	93.4
Unknown	31	1	3.2	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	1	20.0
Total	1,139	1,031	90.5	2	0	0.0	24	18	75.0	39	30	76.9	77	70	90.9	954	898	94.1

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

5-Year Trend - Restraint Use Among Drivers

Restraint Use	2014			2015			2016			2017			2018		
	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	14	0	5	11	0	5	6	0	1	3	0	1
Shoulder belt only used	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0
Lap belt only used	2	0	0	1	0	0	1	0	0	1	0	0	0	0	0
Both lap & shoulder belts used	1,021	1	85	891	1	74	883	1	98	1,043	0	100	998	0	90
No belts used	7	0	1	6	0	5	8	1	5	5	0	3	10	0	7
Child restraint used	0	0	0	0	0	0	1	0	0	2	0	1	1	0	1
Child restraint not used, unavailable or improper use	1	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	2	0	0
Restraint use unknown	6	0	1	6	0	0	47	1	6	53	0	9	59	1	4
Helmet worn	23	0	19	15	1	12	18	0	13	11	1	9	10	0	8
Helmet not worn	5	0	3	5	0	5	5	0	4	4	0	4	2	1	1
Helmet use unknown	1	0	0	0	0	0	1	0	0	4	0	1	3	0	3
Uncoded & errors	21	0	0	28	0	1	42	0	1	36	0	0	25	0	0
Total	1,089	1	109	967	2	102	1,018	3	132	1,166	1	128	1,114	2	115

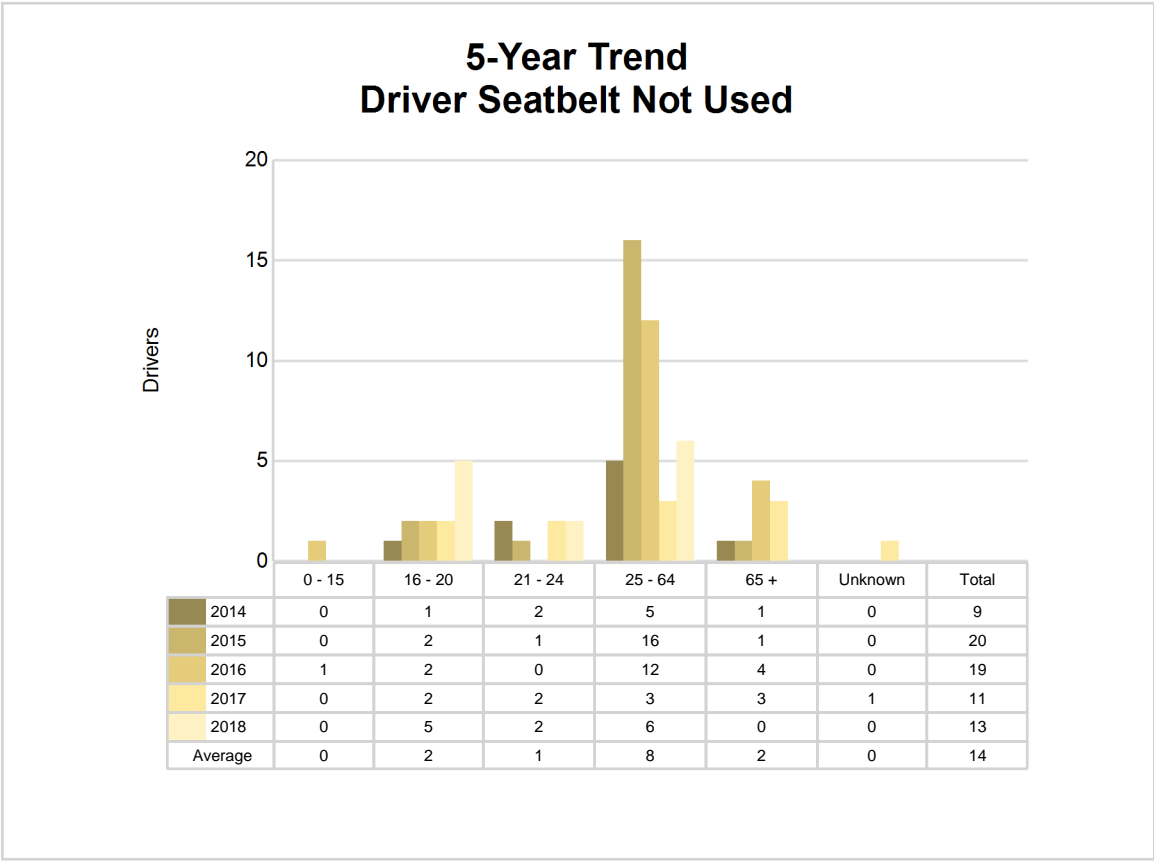
5-Year Trend - Restraint Use Among Drivers Coded Drinking

Restraint Use	2014			2015			2016			2017			2018		
	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	0	0	0	0	1	0	1
Shoulder belt only used	0	0	0	1	0	0	0	0	0	0	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 belts used	23	1	10	14	0	3	22	0	12	31	0	12	15	0	4
No belts used	1	0	0	4	0	3	1	0	1	1	0	1	4	0	3
Child restraint used	0	0	0	0	0	0	1	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
Restraint failure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	1	0	0	1	0	0	5	0	4	9	0	5	8	0	2
Helmet worn	1	0	1	1	1	0	3	0	2	0	0	0	0	0	0
Helmet not worn	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0
Helmet use unknown	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Uncoded & errors	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Total	27	1	12	21	1	6	34	0	20	43	0	20	28	0	10

5-Year Trend - Seatbelt Not Used Among Drivers by Age

Age Group	2014			2015			2016			2017			2018		
	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	1	0	0	0	0	0	0
16 - 20	1	0	0	2	0	1	2	0	1	2	0	1	5	0	3
21 - 24	2	0	1	1	0	1	0	0	0	2	0	2	2	0	2
25 - 64	5	0	0	16	0	8	12	0	7	3	0	0	6	0	3
65 +	1	0	0	1	0	0	4	1	1	3	0	1	0	0	0
Unknown	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Total	9	0	1	20	0	10	19	1	10	11	0	4	13	0	8

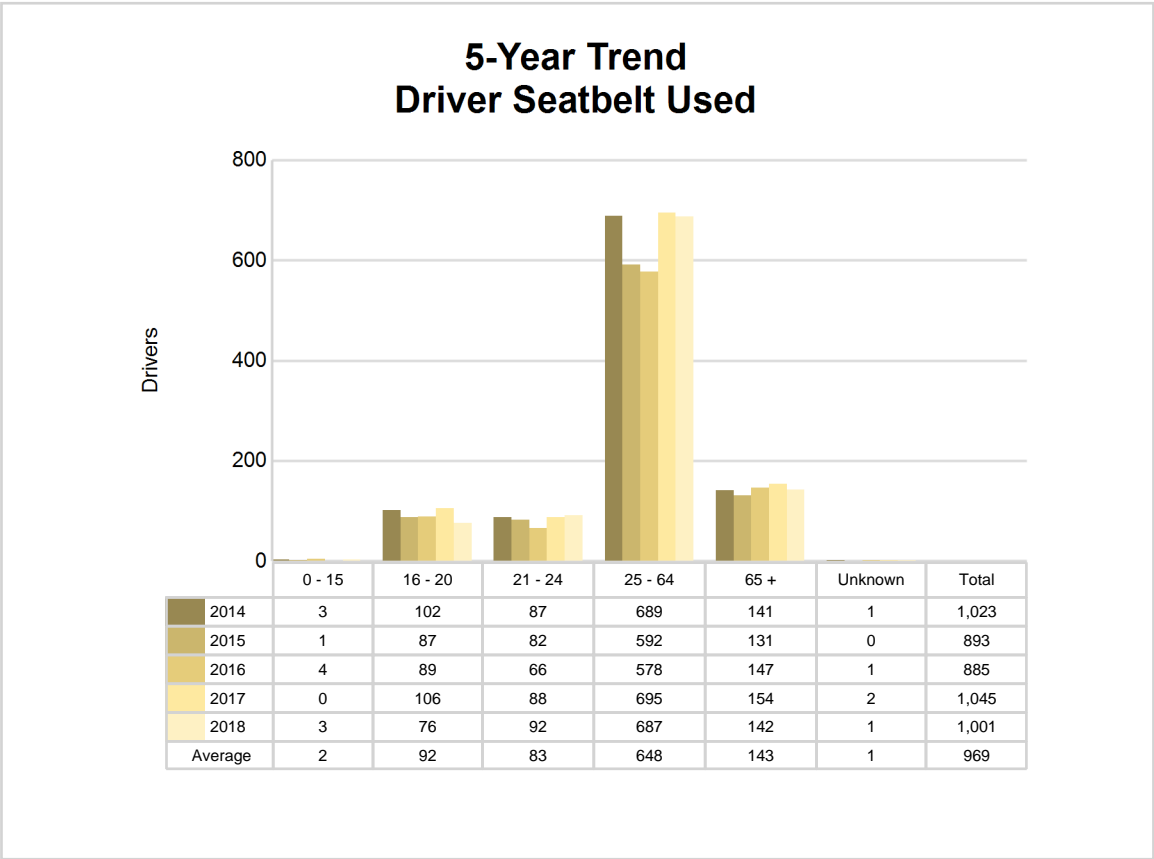
Note: Seatbelt Not Used includes no belts available or no belts used.



5-Year Trend - Seatbelt Used Among Drivers by Age

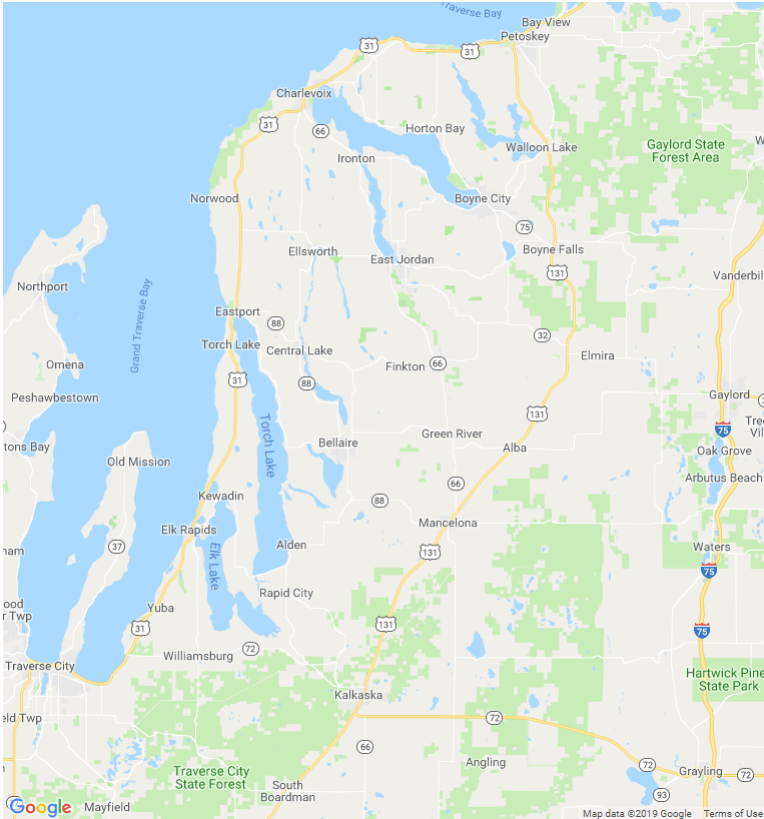
Age Group	2014			2015			2016			2017			2018		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	3	0	0	1	0	0	4	0	1	0	0	0	3	0	1
16 - 20	102	0	12	87	1	13	89	0	16	106	0	16	76	0	4
21 - 24	87	1	7	82	0	9	66	0	5	88	0	9	92	0	10
25 - 64	689	0	50	592	0	40	578	0	57	695	0	57	687	0	62
65 +	141	0	16	131	0	12	147	1	19	154	0	17	142	0	13
Unknown	1	0	0	0	0	0	1	0	0	2	0	1	1	0	0
Total	1,023	1	85	893	1	74	885	1	98	1,045	0	100	1,001	0	90

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	2014		2015		2016		2017		2018	
	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	662	0	606	2	541	2	747	3	713	2
Speed too fast	163	2	123	0	171	2	161	0	139	0
Speed too slow	3	0	2	0	3	0	1	0	0	0
Failed to yield	61	1	55	0	60	1	50	0	48	0
Disregard traffic control	1	0	6	0	11	0	11	0	2	0
Drove wrong way	0	0	0	0	1	0	1	0	0	0
Drove left of center	12	0	13	1	12	0	11	1	14	1
Improper passing	3	0	4	0	5	0	3	0	4	0
Improper lane use	2	0	2	0	1	0	3	0	4	0
Improper turn	4	0	3	0	1	0	2	0	6	0
Improper/no signal	1	0	2	0	1	0	0	0	3	0
Improper backing	16	0	12	0	11	0	15	0	12	0
Unable to stop in assured clear distance	65	0	54	1	56	0	43	1	51	0
Other	29	0	30	0	27	0	22	0	28	0
Unknown	33	0	14	0	53	1	40	0	35	1
Reckless driving	1	0	0	0	2	0	5	1	3	0
Careless/negligent driving	19	0	18	0	21	0	23	0	23	0
Uncoded & errors	14	0	23	0	41	0	28	0	29	0
Total	1,089	3	967	4	1,018	6	1,166	6	1,114	4



In 2018, there were no alcohol-involved fatal crashes in Antrim County.

In 2018, there were 28 alcohol-involved crashes in Antrim County:

- 0 K - Fatal Crashes
- 3 A - Suspected Serious Injury Crashes
- 5 B - Suspected Minor Injury Crashes
- 4 C - Possible Injury Crashes
- 16 O - Property Damage Only/No Injury Crashes



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