



2019

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

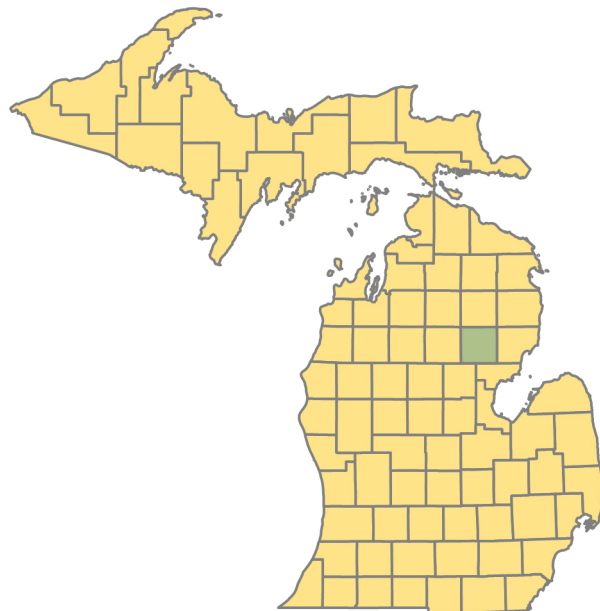
O = No Injury

Property Damage Only (PDO)



Ogemaw County

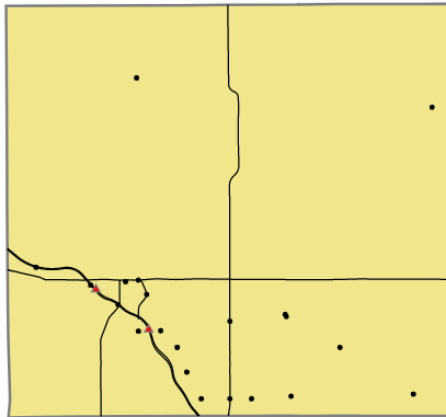
2019 Traffic Crash Data & 2015-2019 5-Year Trends



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 (22/23)

Ogemaw County

In 2019:

There were 1,009 drivers involved in 838 motor vehicle crashes in Ogemaw County. Of those crashes, 2 were classified as fatal, resulting in 2 fatalities. An additional 176 persons were injured.

Ogemaw County experienced the highest number of motor vehicle crashes (145) in November, the highest number of fatal crashes (1) and the highest number of persons killed (1) in July and October.

Michigan driver statistics indicate 5.0 percent of licensed drivers in Ogemaw County were age 16-20, and 9.5 percent of drivers in crashes were also in that age group.

2019 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	66	0	13	53	0	19
February	70	0	8	62	0	10
March	43	0	5	38	0	8
April	55	0	7	48	0	8
May	47	0	8	39	0	12
June	75	0	10	65	0	16
July	68	1	16	51	1	27
August	48	0	11	37	0	14
September	48	0	12	36	0	21
October	84	1	10	73	1	11
November	145	0	18	127	0	24
December	89	0	6	83	0	6
Total	838	2	124	712	2	176

2019 - Driver Statistics

Age Group	Ogemaw County			Driver Rates	
	2019 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	3,400	102	2	5.9	196.1
16 - 20	1,037	841	96	925.7	1,141.5
21 - 24	765	753	85	1,111.1	1,128.8
25 - 64	10,281	9,800	653	635.2	666.3
65 +	5,514	5,170	159	288.4	307.5
Unknown	0	0	14	--	--
Total	20,997	16,666	1,009	480.5	605.4

2019 - 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	711	70.5	1	33.3	117	593
Motor home	2	0.2	0	0.0	0	2
Pickup truck	236	23.4	1	33.3	40	195
Small truck under 10,000 lbs. GVWR	9	0.9	0	0.0	0	9
Motorcycle	8	0.8	1	33.3	4	3
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	5	0.5	0	0.0	4	1
Other	4	0.4	0	0.0	1	3
Truck/bus over 10,000 lbs.	27	2.7	0	0.0	6	21
Unknown	7	0.7	0	0.0	0	7
Total	1,009	100.0	3	100.0	172	834

5-Year Trend - Crashes by Month

Month	2015		2016		2017		2018		2019	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	47	0	62	0	70	1	66	0	66	0
February	56	0	48	1	59	0	65	1	70	0
March	47	0	49	0	51	1	51	0	43	0
April	46	0	45	0	52	0	73	0	55	0
May	55	1	47	1	46	0	54	1	47	0
June	77	0	79	0	64	0	52	1	75	0
July	50	1	60	0	78	1	64	0	68	1
August	51	1	61	0	60	0	45	0	48	0
September	58	1	59	1	75	0	45	0	48	0
October	106	1	73	0	82	0	69	0	84	1
November	121	0	113	1	100	1	127	1	145	0
December	65	0	92	0	113	1	64	0	89	0
Total	779	5	788	4	850	5	775	4	838	2

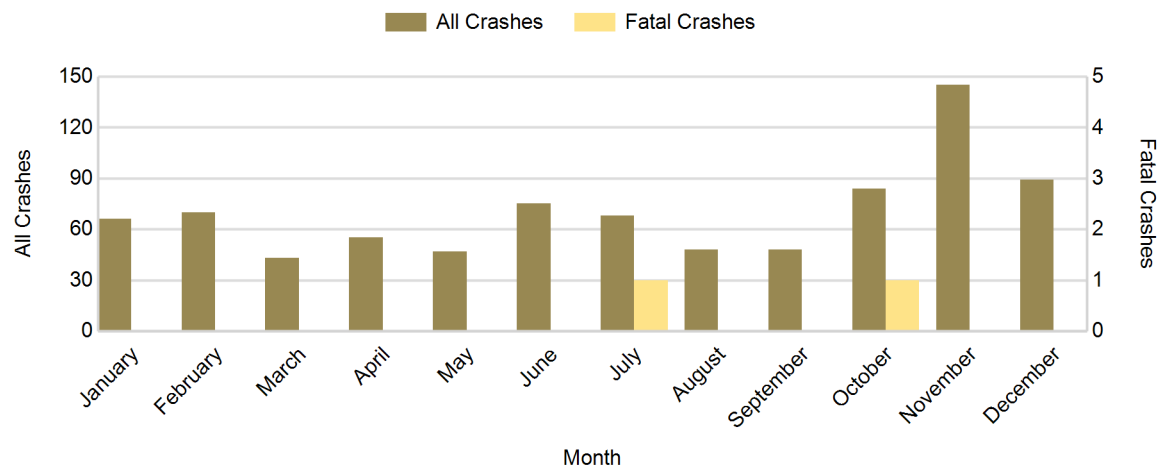
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2015		2016		2017		2018		2019	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	114	1	104	0	118	2	114	0	126	0
Tuesday	113	0	105	0	100	1	114	0	96	0
Wednesday	103	0	131	1	121	0	111	0	134	0
Thursday	96	0	106	1	119	0	100	1	108	0
Friday	123	4	135	1	131	1	133	0	149	0
Saturday	127	0	108	1	143	0	98	1	116	1
Sunday	103	0	99	0	118	1	105	2	109	1
Total	779	5	788	4	850	5	775	4	838	2

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

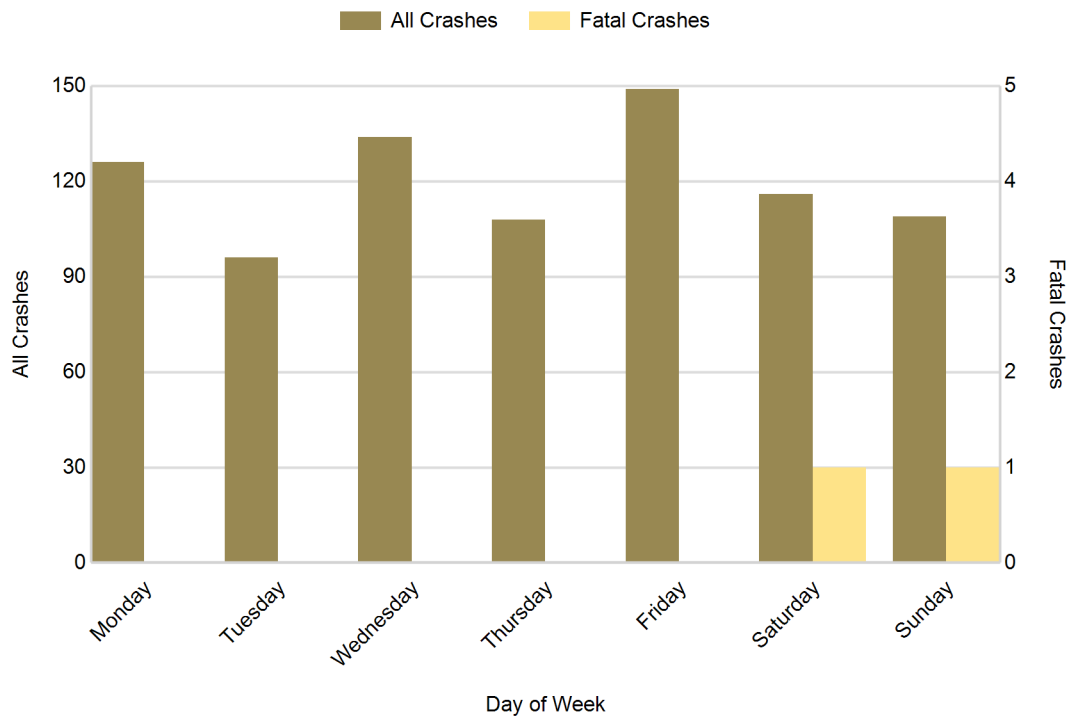
2019 Crashes by Month



2019 - 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	126	15.0	0	0.0	3	5	9	109
Tuesday	96	11.5	0	0.0	1	1	7	87
Wednesday	134	16.0	0	0.0	4	4	14	112
Thursday	108	12.9	0	0.0	2	5	8	93
Friday	149	17.8	0	0.0	7	4	14	124
Saturday	116	13.8	1	50.0	3	6	7	99
Sunday	109	13.0	1	50.0	3	5	12	88
Total	838	100.0	2	100.0	23	30	71	712

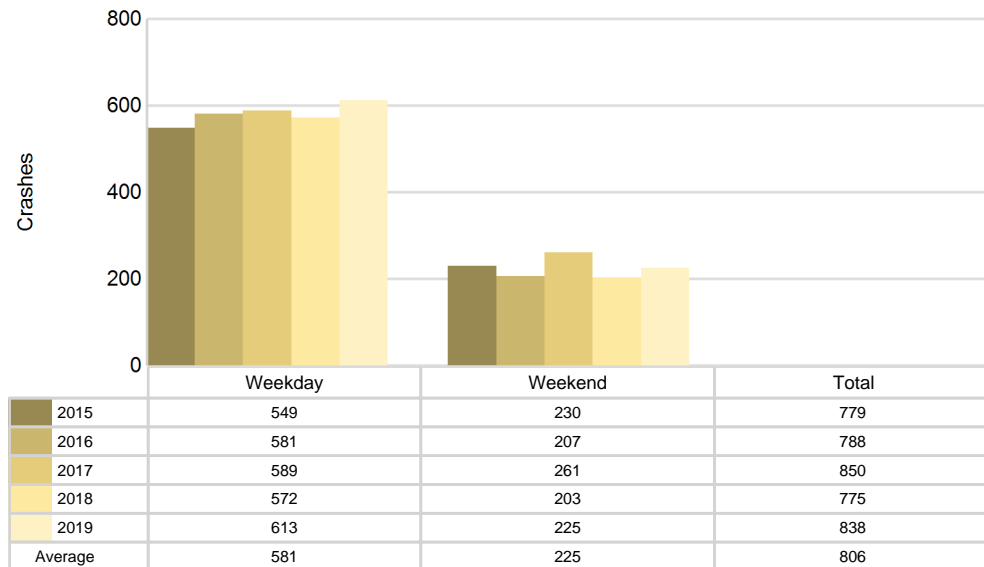
2019 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2015		2016		2017		2018		2019	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	549	5	581	3	589	4	572	1	613	0
Weekend	230	0	207	1	261	1	203	3	225	2
Total	779	5	788	4	850	5	775	4	838	2

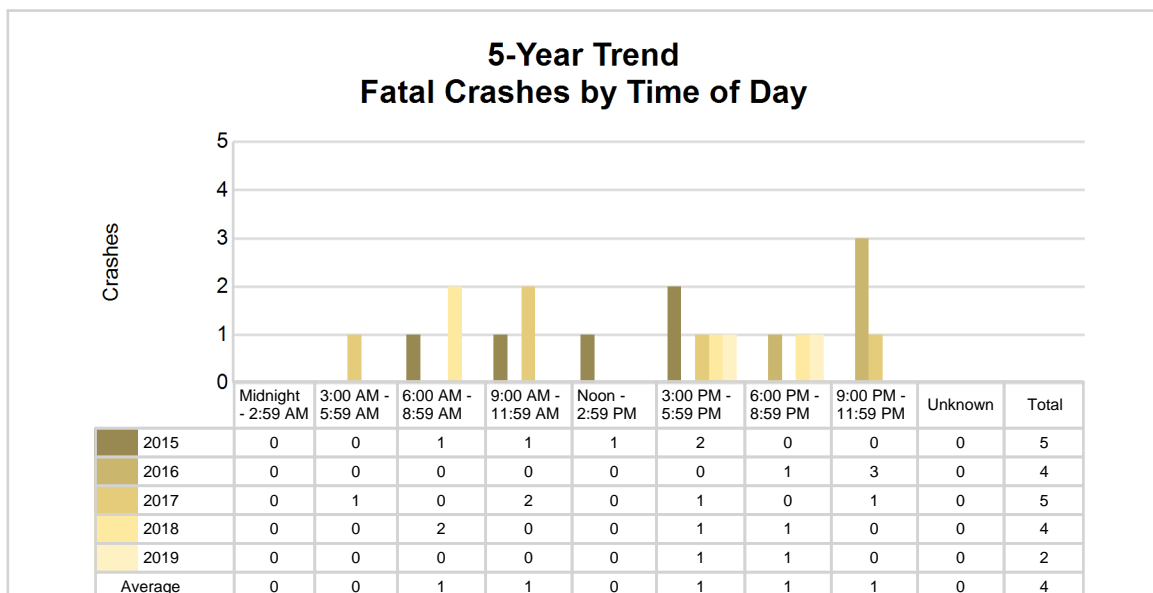
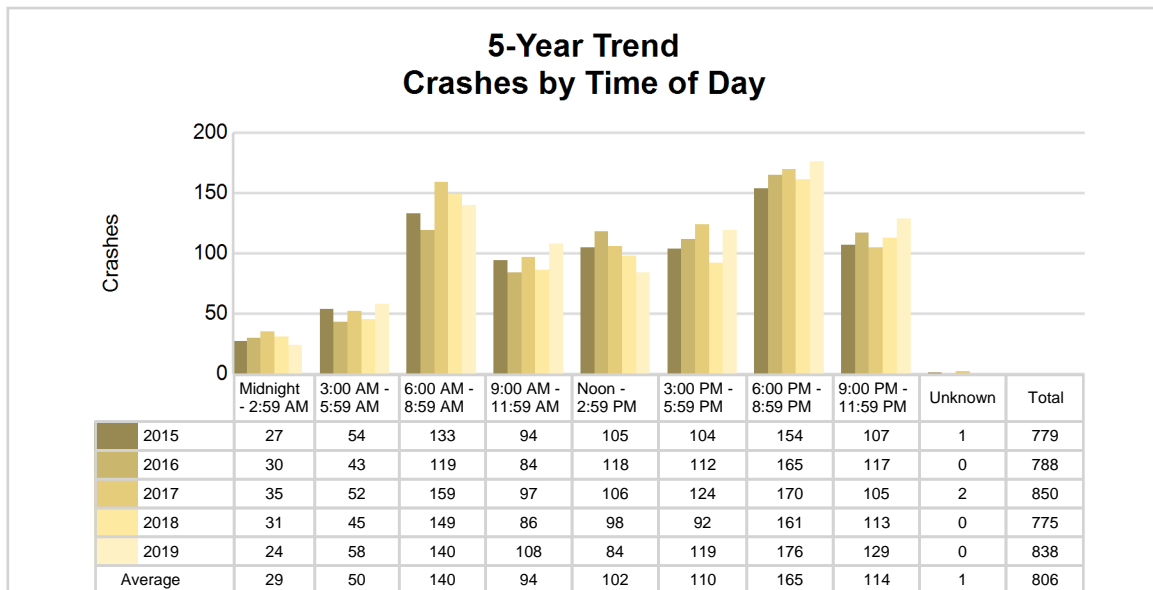
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

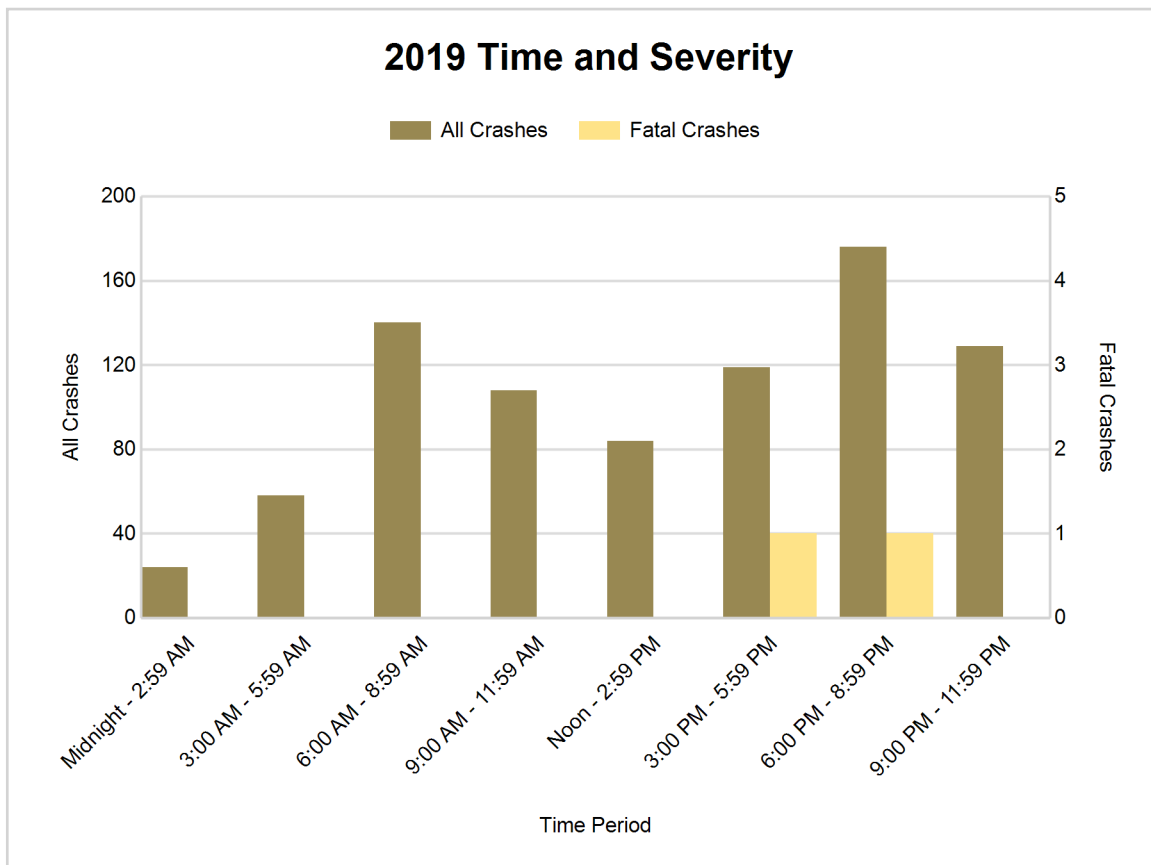
Time of Day	2015		2016		2017		2018		2019	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	27	0	30	0	35	0	31	0	24	0
3:00 AM - 5:59 AM	54	0	43	0	52	1	45	0	58	0
6:00 AM - 8:59 AM	133	1	119	0	159	0	149	2	140	0
9:00 AM - 11:59 AM	94	1	84	0	97	2	86	0	108	0
Noon - 2:59 PM	105	1	118	0	106	0	98	0	84	0
3:00 PM - 5:59 PM	104	2	112	0	124	1	92	1	119	1
6:00 PM - 8:59 PM	154 †	0	165 †	1	170 †	0	161 †	1	176 †	1
9:00 PM - 11:59 PM	107	0	117	3	105	1	113	0	129	0
Unknown	1	0	0	0	2	0	0	0	0	0
Total	779	5	788	4	850	5	775	4	838	2

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



2019 - Time and Severity

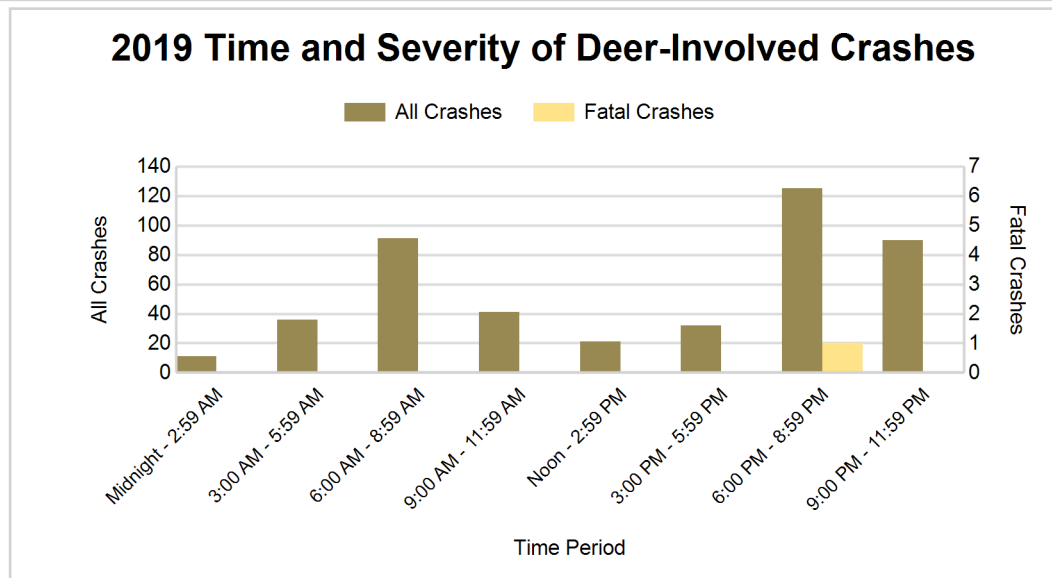
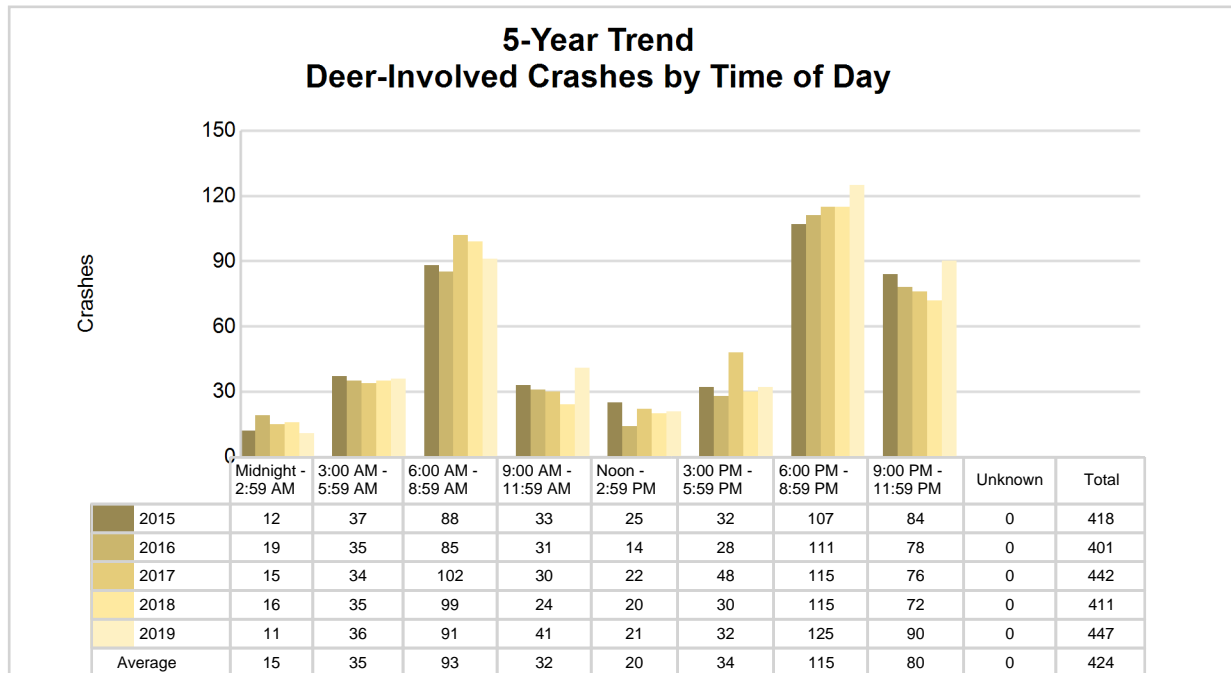
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	24	2.9	0	0.0	1	3	2	18
3:00 AM - 5:59 AM	58	6.9	0	0.0	0	1	4	53
6:00 AM - 8:59 AM	140	16.7	0	0.0	2	6	6	126
9:00 AM - 11:59 AM	108	12.9	0	0.0	5	5	11	87
Noon - 2:59 PM	84	10.0	0	0.0	1	1	8	74
3:00 PM - 5:59 PM	119	14.2	1	50.0	4	9	17	88
6:00 PM - 8:59 PM	176	21.0	1	50.0	6	2	15	152
9:00 PM - 11:59 PM	129	15.4	0	0.0	4	3	8	114
Unknown	0	0.0	0	0.0	0	0	0	0
Total	838	100.0	2	100.0	23	30	71	712



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

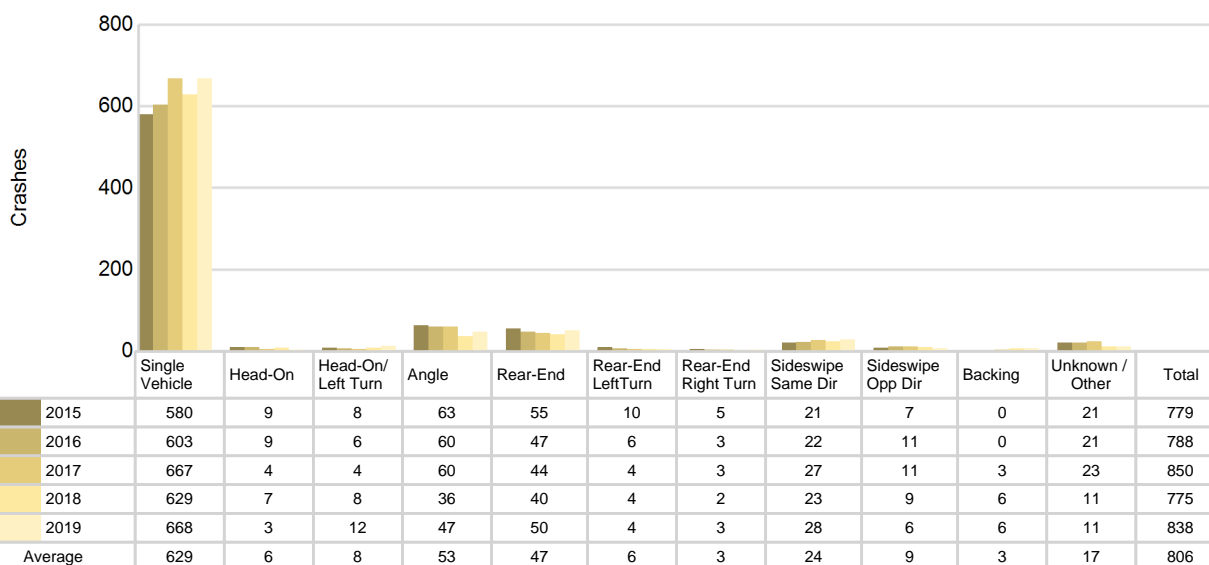
Time of Day	2015		2016		2017		2018		2019	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	12	0	19	0	15	0	16	0	11	0
3:00 AM - 5:59 AM	37	0	35	0	34	0	35	0	36	0
6:00 AM - 8:59 AM	88	1	85	0	102	0	99	0	91	0
9:00 AM - 11:59 AM	33	0	31	0	30	0	24	0	41	0
Noon - 2:59 PM	25	0	14	0	22	0	20	0	21	0
3:00 PM - 5:59 PM	32	0	28	0	48	0	30	0	32	0
6:00 PM - 8:59 PM	107 †	0	111 †	0	115 †	0	115 †	1	125 †	1
9:00 PM - 11:59 PM	84	0	78	0	76	0	72	0	90	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	418	1	401	0	442	0	411	1	447	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	2015		2016		2017		2018		2019	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single motor vehicle	580	2	603	1	667	3	629	4	668	1
Head-on	9	0	9	2	4	0	7	0	3	0
Head-on / left turn	8	0	6	0	4	0	8	0	12	0
Angle	63	2	60	1	60	1	36	0	47	0
Rear-end	55	0	47	0	44	0	40	0	50	0
Rear-end left turn	10	0	6	0	4	0	4	0	4	0
Rear-end right turn	5	0	3	0	3	0	2	0	3	0
Sideswipe same direction	21	0	22	0	27	0	23	0	28	0
Sideswipe opposite direction	7	1	11	0	11	0	9	0	6	0
Backing	0	0	0	0	3	0	6	0	6	0
Other / Unknown	21	0	21	0	23	1	11	0	11	1
Uncoded and Errors	0	0	0	0	0	0	0	0	0	0
Total	779	5	788	4	850	5	775	4	838	2

5-Year Trend
Crashes by Crash Type

Ogemaw County (continued)

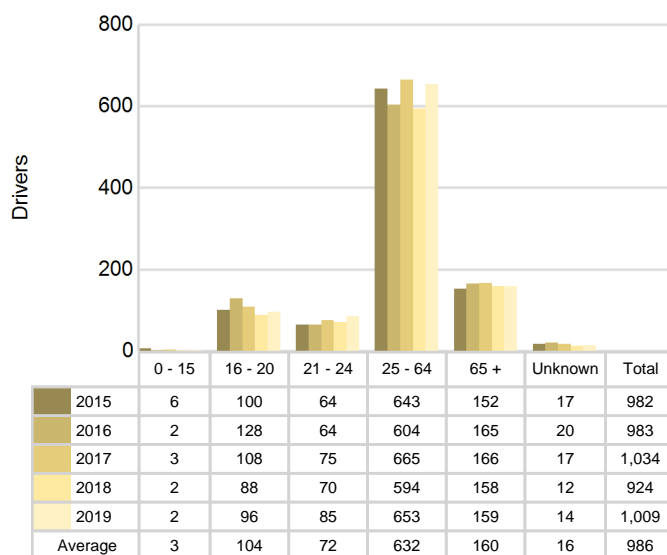
2019 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Churchill Twp.	57	0	9	48	0	0	30	27	1	0	41	0	10
Cumming Twp.	32	0	5	27	0	0	15	17	0	0	22	0	6
Edwards Twp.	41	0	1	40	0	0	24	17	0	0	32	0	2
Foster Twp.	23	0	10	13	0	0	0	23	2	3	7	0	13
Goodar Twp.	6	0	2	4	0	0	0	6	0	0	2	0	2
Hill Twp.	31	0	5	26	0	0	0	31	1	1	20	0	7
Horton Twp.	94	1	14	79	50	0	1	43	1	1	55	1	20
Klacking Twp.	38	0	4	34	0	0	7	31	0	0	23	0	9
Logan Twp.	26	0	2	24	0	0	14	12	0	0	20	0	2
Mills Twp.	69	0	13	56	0	0	15	54	6	0	25	0	17
Ogemaw Twp.	92	1	15	76	62	0	18	12	2	0	37	1	22
Prescott	2	0	0	2	0	0	0	2	0	0	1	0	0
Richland Twp.	34	0	5	29	0	0	0	34	2	2	23	0	8
Rose City	9	0	0	9	0	0	5	4	1	1	5	0	0
Rose Twp.	49	0	9	40	0	0	15	34	0	0	30	0	16
West Branch	54	0	9	45	0	0	36	18	0	0	7	0	14
West Branch Twp.	181	0	21	160	33	0	69	78	1	0	97	0	28
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	838	2	124	712	145	0	249	443	17	8	447	2	176

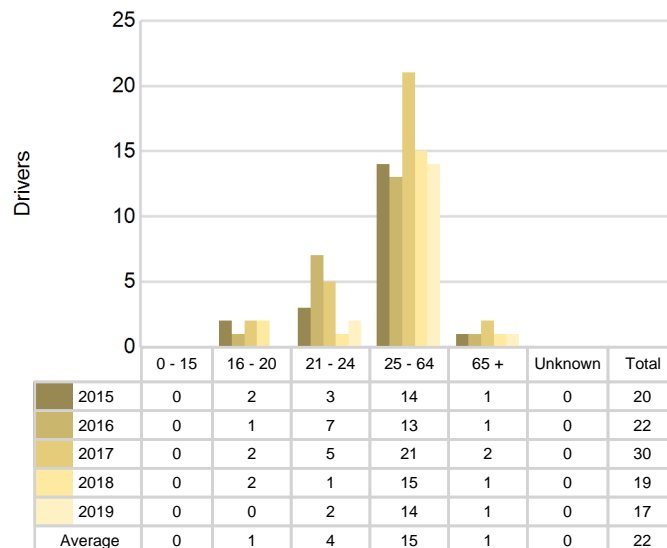
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2015		2016		2017		2018		2019	
	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	6	0	2	0	3	0	2	0	2	0
16 - 20	100	2	128	1	108	2	88	2	96	0
21 - 24	64	3	64	7	75	5	70	1	85	2
25 - 64	643	14	604	13	665	21	594	15	653	14
65 +	152	1	165	1	166	2	158	1	159	1
Unknown	17	0	20	0	17	0	12	0	14	0
Total	982	20	983	22	1,034	30	924	19	1,009	17

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



2019 - 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	2	2	2	2	0	0	1	1	0
25 - 64	16	14	10	14	0	1	2	5	6
65 +	1	4	0	1	0	0	0	0	1
Unknown	0	0	0	0	0	0	0	0	0
Total	19	20	12	17	0	1	3	6	7

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 2019, there were 19 drivers in alcohol-involved crashes; 17 (89.5%) of those drivers were coded as had-been-drinking by the officer on the crash form.

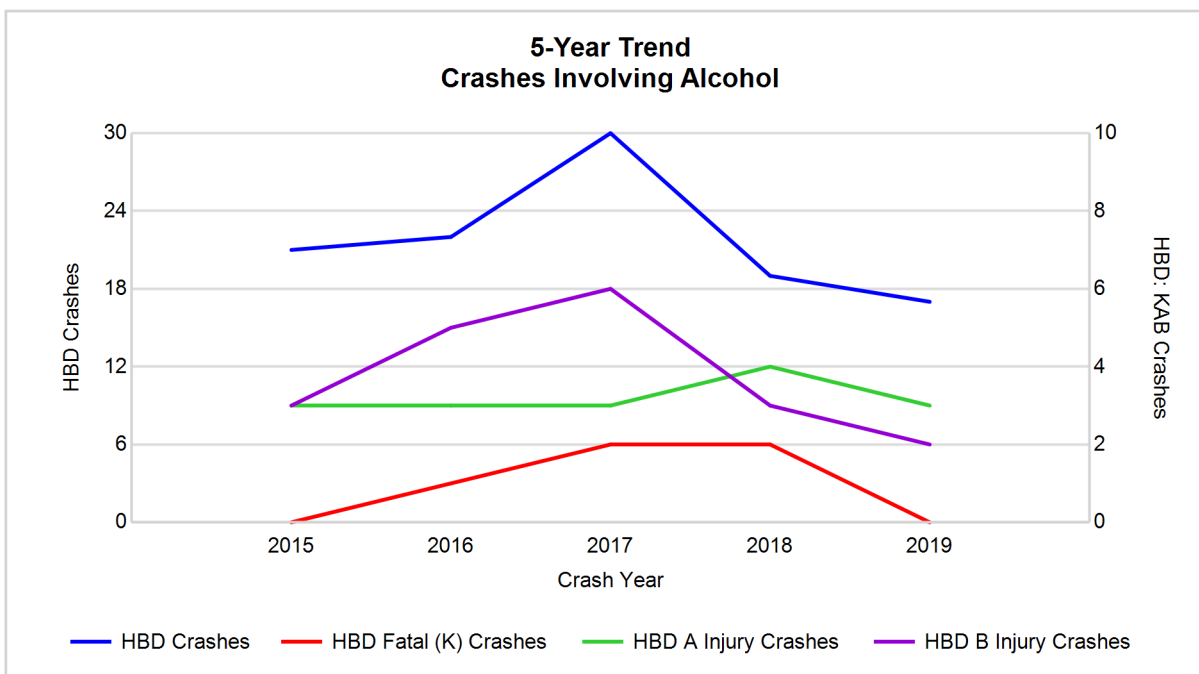
- 9 (52.9%) of the 17 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 6 (66.7%) of the 9 drivers had a BAC at or above 0.17 g/dL.
- 12 (70.6%) of the 17 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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
2015	779	21	2.7	5	0	0.0	10	3	30.0	31	3	9.7
2016	788	22	2.8	4	1	25.0	15	3	20.0	39	5	12.8
2017	850	30	3.5	5	2	40.0	18	3	16.7	33	6	18.2
2018	775	19	2.5	4	2	50.0	8	4	50.0	31	3	9.7
2019	838	17*	2.0*	2*	0	0.0	23**	3	13.0*	30*	2*	6.7*

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



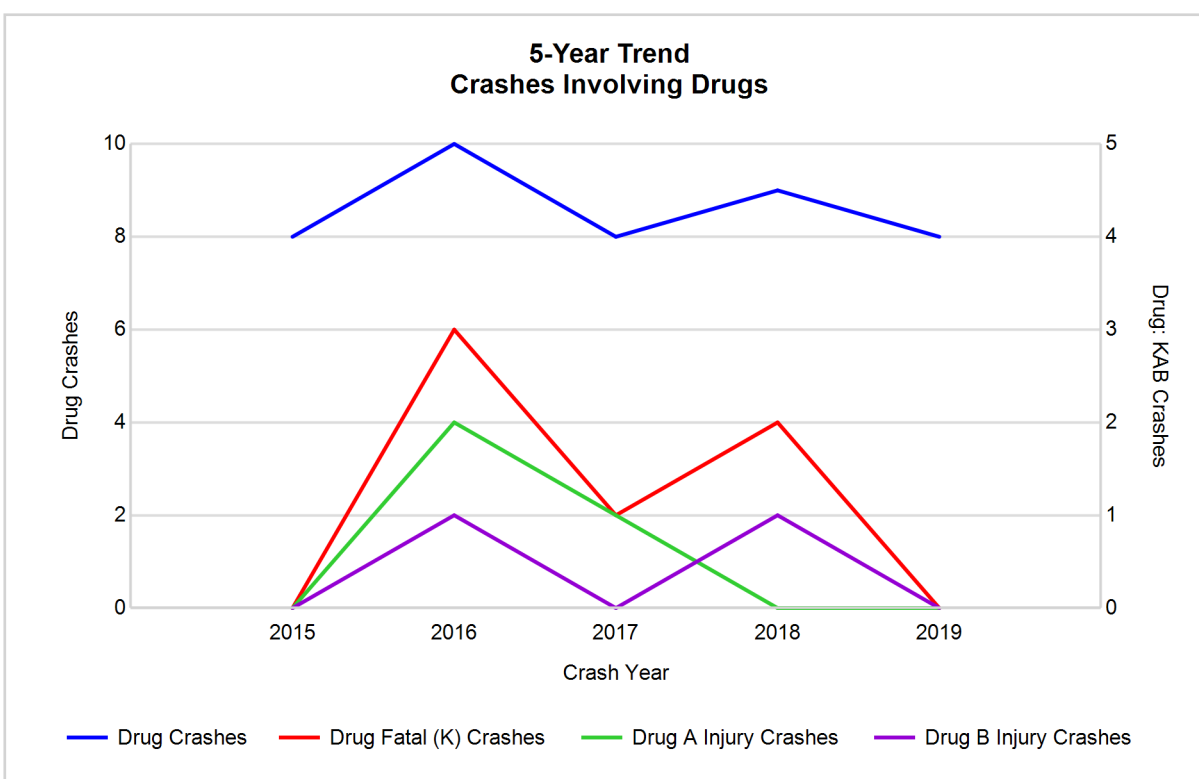
Note: Had-Been-Drinking (HBD)

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
2015	779	8	1.0	5	0	0.0	10	0	0.0	31	0	0.0
2016	788	10	1.3	4	3	75.0	15	2	13.3	39	1	2.6
2017	850	8	0.9	5	1	20.0	18	1	5.6	33	0	0.0
2018	775	9	1.2	4	2	50.0	8	0	0.0	31	1	3.2
2019	838	8	1.0	2*	0	0.0	23**	0	0.0	30*	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

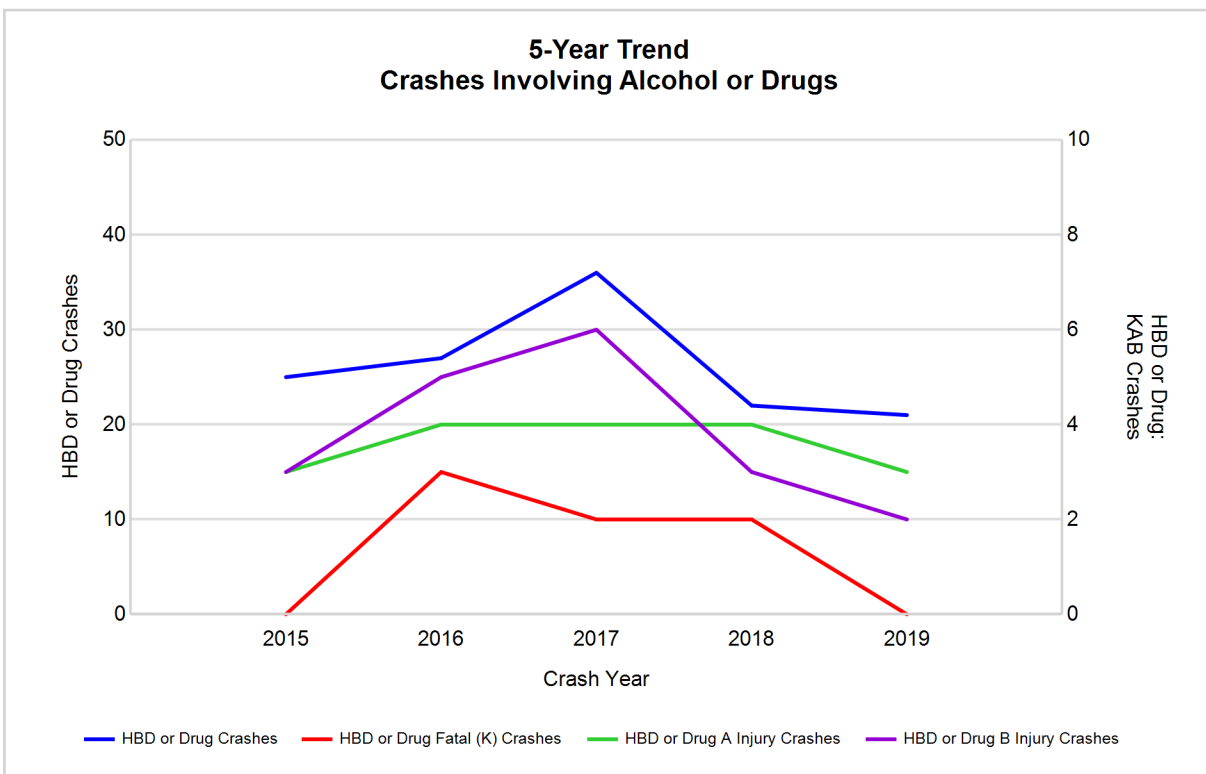


5-Year Trend - Crashes Involving Alcohol or Drugs

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
2015	779	25	3.2	5	0	0.0	10	3	30.0	31	3	9.7
2016	788	27	3.4	4	3	75.0	15	4	26.7	39	5	12.8
2017	850	36	4.2	5	2	40.0	18	4	22.2	33	6	18.2
2018	775	22	2.8	4	2	50.0	8	4	50.0	31	3	9.7
2019	838	21*	2.5*	2*	0	0.0	23**	3	13.0*	30*	2*	6.7*

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)

2019 - 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	748	724	96.8	0	0	0.0	19	16	84.2	30	28	93.3	77	72	93.5	616	608	98.7
Motor home	2	2	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	2	100.0
Pickup truck	242	231	95.5	1	0	0.0	2	0	0.0	13	10	76.9	17	15	88.2	208	206	99.0
Small truck under 10,000 lbs. GVWR	9	9	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	9	9	100.0
Motorcycle	9	5	55.6	1	0	0.0	3	1	33.3	0	0	0.0	2	1	50.0	3	3	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	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	5	3	60.0	0	0	0.0	1	1	100.0	1	0	0.0	2	2	100.0	1	0	0.0
Other	4	2	50.0	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	3	2	66.7
Truck/bus over 10,000 lbs.	33	25	75.8	0	0	0.0	0	0	0.0	0	0	0.0	7	1	14.3	25	24	96.0
Unknown	7	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	1,059	1,001	94.5	2	0	0.0	25	18	72.0	45	38	84.4	105	91	86.7	867	854	98.5

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.

2019 - 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	18	11	61.1	0	0	0.0	0	0	0.0	2	2	100.0	15	8	53.3	1	1	100.0
16 - 20	107	102	95.3	0	0	0.0	5	3	60.0	7	6	85.7	20	19	95.0	75	74	98.7
21 - 24	87	85	97.7	0	0	0.0	3	2	66.7	4	3	75.0	5	5	100.0	75	75	100.0
25 - 64	669	643	96.1	0	0	0.0	13	10	76.9	29	24	82.8	46	40	87.0	580	569	98.1
65 +	164	160	97.6	2	0	0.0	4	3	75.0	3	3	100.0	19	19	100.0	136	135	99.3
Unknown	14	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	1,059	1,001	94.5	2	0	0.0	25	18	72.0	45	38	84.4	105	91	86.7	867	854	98.5

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	2015			2016			2017			2018			2019		
	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	4	0	0	4	0	0	4	0	2	8	1	0	3	0	1
Shoulder belt only used	0	0	0	3	0	0	7	0	1	1	0	1	5	0	0
Lap belt only used	4	0	1	5	0	1	6	0	0	3	0	0	2	0	0
Both lap & shoulder belts used	920	1	93	916	2	108	957	1	77	873	1	79	949	0	105
No belts used	9	1	4	11	0	5	15	1	6	8	1	3	11	1	6
Child restraint used	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
Restraint failure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	29	0	2	28	0	1	32	1	6	19	0	1	26	0	5
Helmet worn	3	0	1	10	1	7	8	1	4	8	1	5	8	0	5
Helmet not worn	9	2	6	5	1	4	4	1	3	4	0	4	3	0	3
Helmet use unknown	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0
Uncoded & errors	4	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Total	982	4	107	983	4	126	1,034	5	99	924	4	93	1,009	2	125

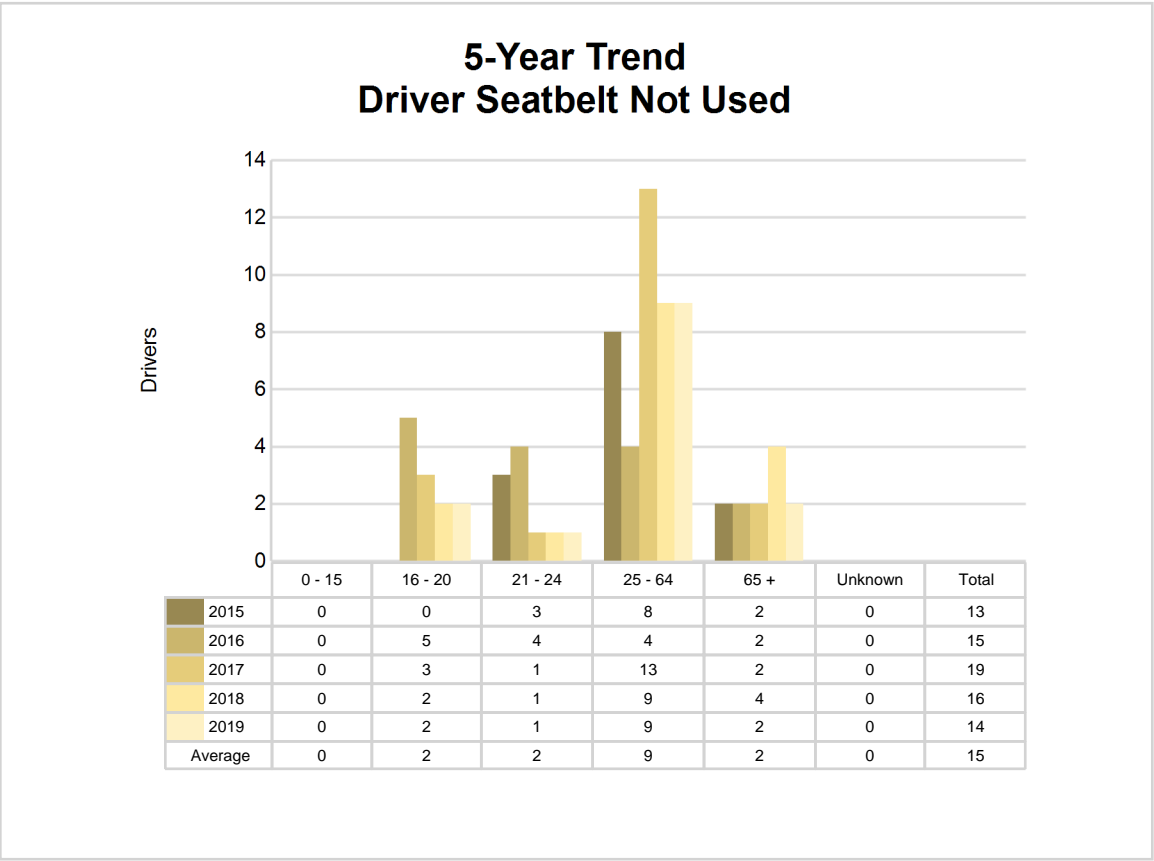
5-Year Trend - Restraint Use Among Drivers Coded Drinking

Restraint Use	2015			2016			2017			2018			2019		
	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	1	1	0	0	0	0
Shoulder belt only used	0	0	0	0	0	0	1	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	18	0	5	17	0	8	18	0	5	11	0	6	12	0	5
No belts used	1	0	1	3	0	1	1	1	0	3	1	2	2	0	0
Child restraint used	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
Restraint failure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	0	0	0	1	0	0	9	0	4	2	0	0	2	0	2
Helmet worn	0	0	0	1	1	0	0	0	0	1	0	1	0	0	0
Helmet not worn	1	0	1	0	0	0	1	1	0	1	0	1	0	0	0
Helmet use unknown	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Uncoded & errors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	20	0	7	22	1	9	30	2	9	19	2	10	17	0	7

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

Age Group	2015			2016			2017			2018			2019		
	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	0	0	0
16 - 20	0	0	0	5	0	3	3	0	1	2	0	1	2	0	2
21 - 24	3	0	2	4	0	1	1	0	0	1	1	0	1	0	1
25 - 64	8	1	2	4	0	1	13	1	6	9	1	2	9	0	4
65 +	2	0	0	2	0	0	2	0	1	4	0	0	2	1	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	13	1	4	15	0	5	19	1	8	16	2	3	14	1	7

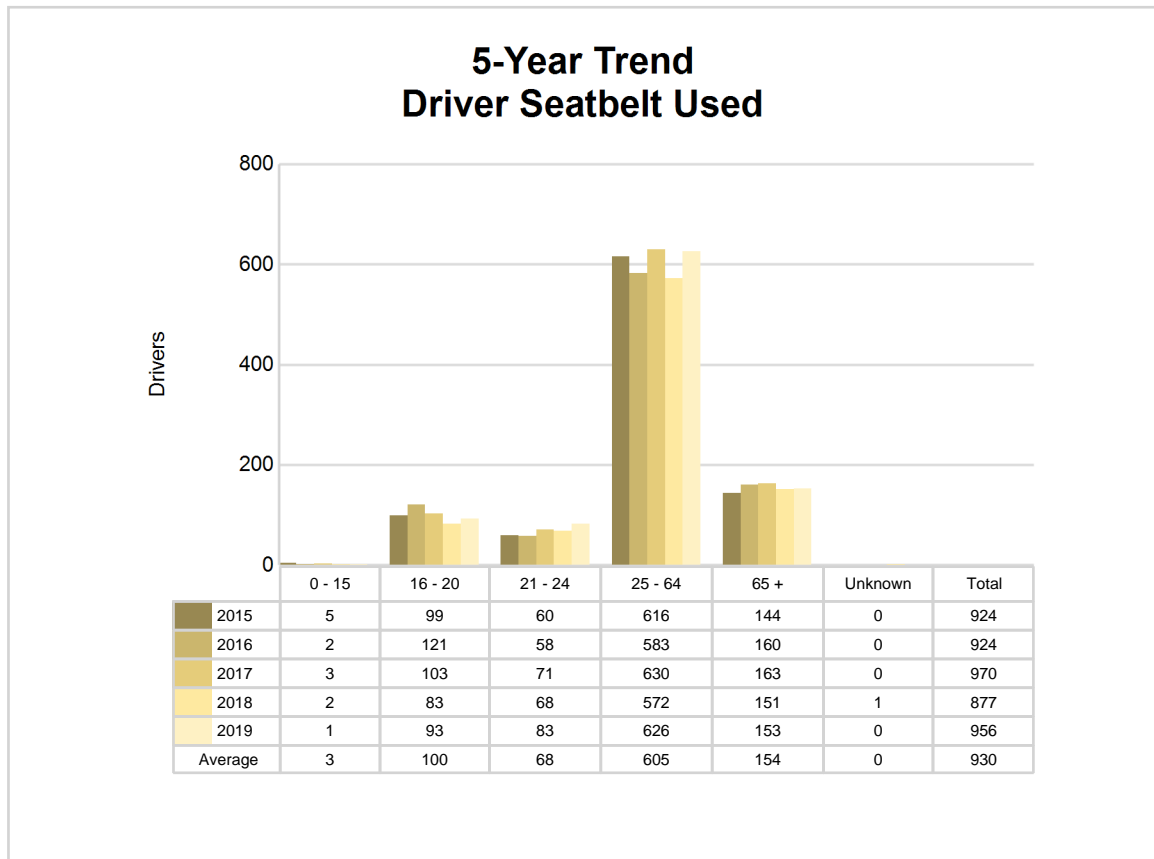
Note: Seatbelt Not Used includes no belts available or no belts used.



5-Year Trend - Seatbelt Used Among Drivers by Age

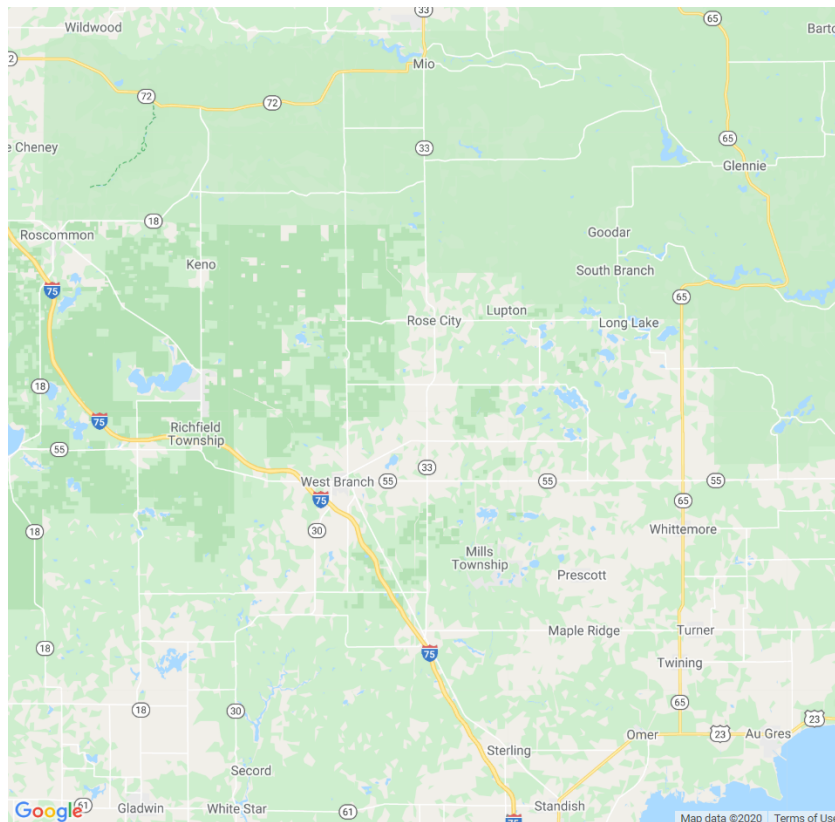
Age Group	2015			2016			2017			2018			2019		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	5	0	0	2	0	1	3	0	0	2	0	1	1	0	0
16 - 20	99	0	13	121	1	17	103	0	12	83	0	11	93	0	19
21 - 24	60	0	3	58	0	8	71	0	5	68	0	7	83	0	8
25 - 64	616	0	60	583	1	61	630	0	52	572	0	44	626	0	60
65 +	144	1	18	160	0	22	163	1	9	151	1	17	153	0	18
Unknown	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Total	924	1	94	924	2	109	970	1	78	877	1	80	956	0	105

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	2015		2016		2017		2018		2019	
	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	618	3	615	3	666	2	604	2	643	2
Speed too fast	108	2	126	2	129	2	123	2	159	1
Speed too slow	0	0	1	0	3	0	0	0	0	0
Failed to yield	62	2	59	1	67	1	47	0	60	0
Disregard traffic control	8	0	6	0	11	0	8	0	6	0
Drove wrong way	0	0	0	0	0	0	0	0	0	0
Drove left of center	3	1	4	0	3	0	6	0	2	0
Improper passing	8	0	4	0	5	0	4	0	2	0
Improper lane use	12	0	9	0	4	0	7	0	10	0
Improper turn	4	0	7	0	4	0	5	0	6	0
Improper/no signal	3	0	2	0	1	0	1	0	0	0
Improper backing	13	0	11	0	10	0	6	0	7	0
Unable to stop in assured clear distance	61	0	43	0	47	0	45	0	47	0
Other	32	0	33	0	35	0	21	0	21	0
Unknown	19	0	21	0	16	0	16	0	23	0
Reckless driving	5	0	6	0	8	0	6	0	4	0
Careless/negligent driving	26	0	36	1	25	2	25	0	19	0
Uncoded & errors	0	0	0	0	0	0	0	0	0	0
Total	982	8	983	7	1,034	7	924	4	1,009	3



In 2019, there were no alcohol-involved fatal crashes in Ogemaw County.

In 2019, there were 17 alcohol-involved crashes in Ogemaw County:

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

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