



2015

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 = Incapacitating Injury

B = Non-incapacitating Injury

C = Possible Injury

O = No Injury

Property Damage Only (PDO)



Manistee County

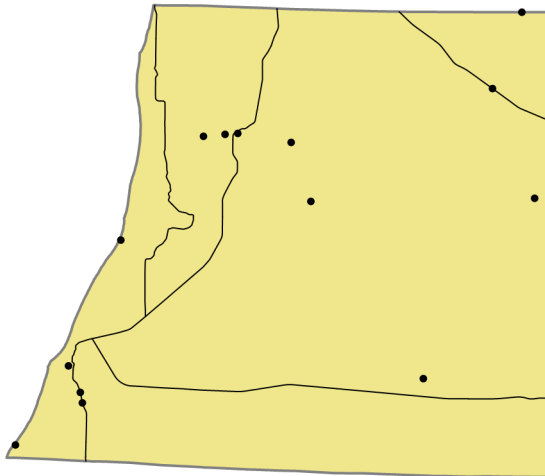
2015 Traffic Crash Data & 2011-2015 5-Year Trends



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 (0/0)
- A - Incapacitating (14/15)

Manistee County

In 2015:

There were 1,179 drivers involved in 910 motor vehicle crashes in Manistee County. Of those crashes, 0 were classified as fatal, resulting in 0 fatalities. An additional 154 persons were injured.

Manistee County experienced the highest number of motor vehicle crashes (116) in November. Manistee County did not experience a fatal crash in 2015.

Manistee County driver statistics indicate 5.3 percent of licensed drivers were age 16-20, and 8.6 percent of drivers in crashes were also in that age group.

2015 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	81	0	5	76	0	7
February	79	0	7	72	0	18
March	46	0	8	38	0	11
April	67	0	5	62	0	7
May	55	0	7	48	0	8
June	84	0	8	76	0	9
July	87	0	18	69	0	24
August	72	0	16	56	0	26
September	65	0	12	53	0	18
October	75	0	8	67	0	8
November	116	0	2	114	0	4
December	83	0	11	72	0	14
Total	910	0	107	803	0	154

2015 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2015 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	3,762	140	1	2.7	71.4
16 - 20	1,310	995	101	771.0	1,015.1
21 - 24	1,118	897	72	644.0	802.7
25 - 64	12,455	11,307	746	599.0	659.8
65 +	5,816	5,519	171	294.0	309.8
Unknown	--	--	88	--	--
Total	24,461	18,858	1,179	482.0	625.2

2015 - 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 & station wagon	826	70.1	0	0.0	106	720
Van & motorhome	46	3.9	0	0.0	4	42
Pickup truck	232	19.7	0	0.0	28	204
Small truck under 10,000 lbs. GVWR	18	1.5	0	0.0	3	15
Cycle	9	0.8	0	0.0	9	0
Moped	4	0.3	0	0.0	4	0
Go Cart	0	0.0	0	0.0	0	0
Snowmobile	2	0.2	0	0.0	2	0
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	3	0.3	0	0.0	3	0
Other	5	0.4	0	0.0	0	5
Truck/bus over 10,000 lbs.	20	1.7	0	0.0	1	19
Unknown	14	1.2	0	0.0	0	14
Total	1,179	100.0	0	0.0	160	1,019

5-Year Trend - Crashes by Month

Month	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	94	1	81	0	93	0	96	0	81	0
February	53	0	62	0	63	0	84	0	79	0
March	55	0	42	1	72	0	87	0	46	0
April	45	2	49	0	66	0	64	0	67	0
May	58	0	56	0	64	0	70	0	55	0
June	85	0	75	0	73	0	82	0	84	0
July	65	0	58	0	74	0	69	0	87	0
August	55	0	66	1	76	0	61	0	72	0
September	82	0	74	0	63	4	59	1	65	0
October	116	0	84	0	83	0	70	0	75	0
November	118 †	0	118 †	1	117 †	0	125 †	0	116 †	0
December	98	0	93	0	100	0	67	1	83	0
Total	924	3	858	3	944	4	934	2	910	0

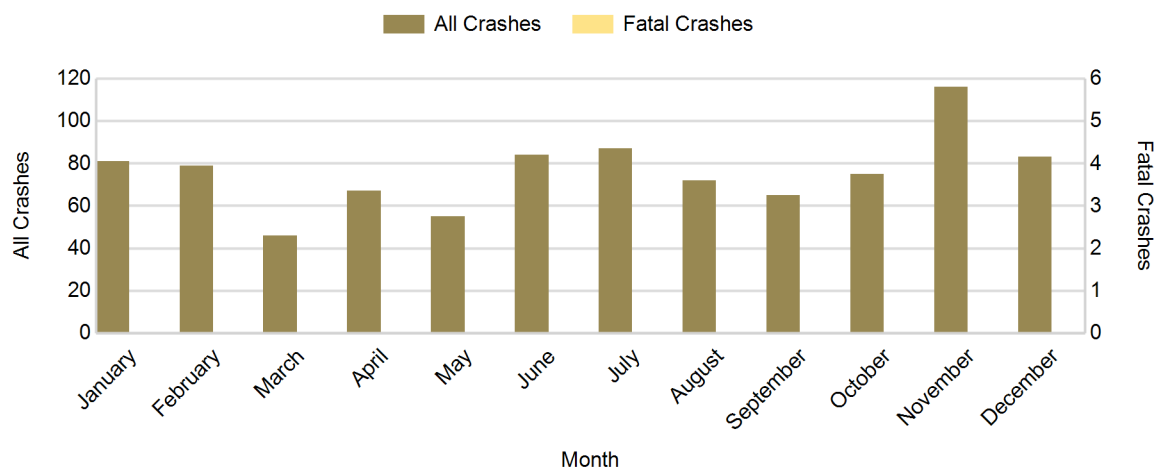
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	128	0	110	0	126	2	139	0	107	0
Tuesday	118	2	119	0	137	0	141	0	125	0
Wednesday	138	0	125	1	146	0	149	0	134	0
Thursday	135	0	140	0	133	1	128	1	124	0
Friday	163	0	148	1	142	0	152	0	150	0
Saturday	138	1	102	1	144	1	119	0	148	0
Sunday	104	0	114	0	116	0	106	1	122	0
Total	924	3	858	3	944	4	934	2	910	0

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

2015 Crashes by Month

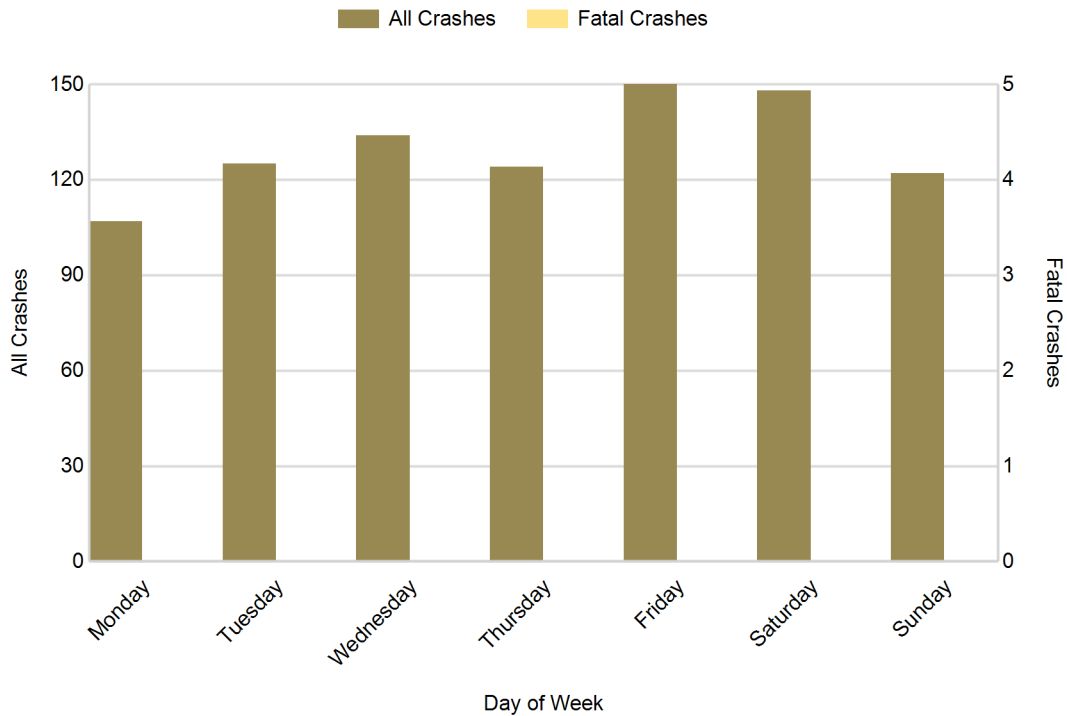


There were no fatal crashes in Manistee County in 2015

2015 - 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	107	11.8	0	0.0	0	2	7	98
Tuesday	125	13.7	0	0.0	3	5	4	113
Wednesday	134	14.7	0	0.0	1	4	9	120
Thursday	124	13.6	0	0.0	2	2	7	113
Friday	150	16.5	0	0.0	2	7	8	133
Saturday	148	16.3	0	0.0	5	10	10	123
Sunday	122	13.4	0	0.0	2	3	14	103
Total	910	100.0	0	0.0	15	33	59	803

2015 Day of Week and Severity

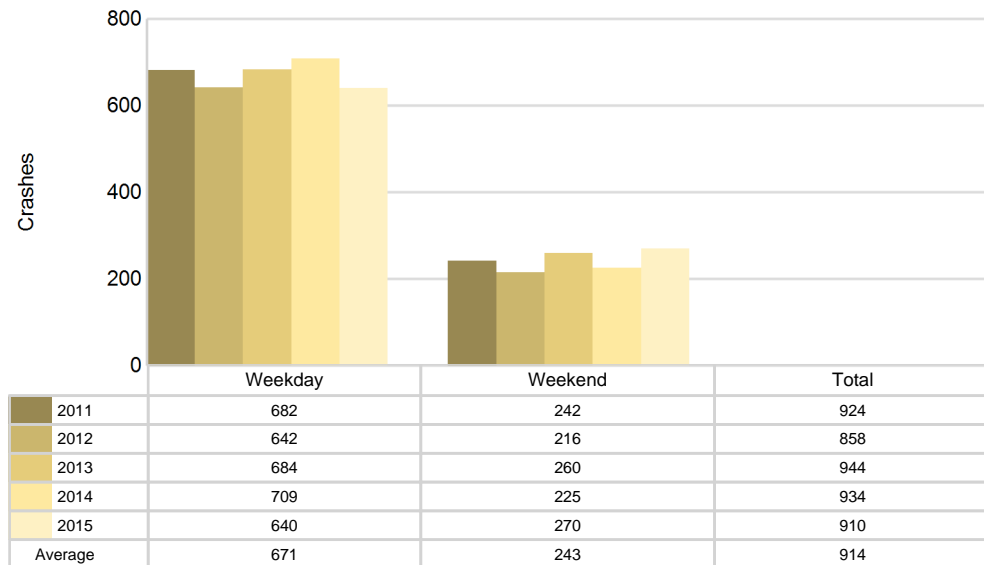


There were no fatal crashes in Manistee County in 2015

5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	682	2	642	2	684	3	709	1	640	0
Weekend	242	1	216	1	260	1	225	1	270	0
Total	924	3	858	3	944	4	934	2	910	0

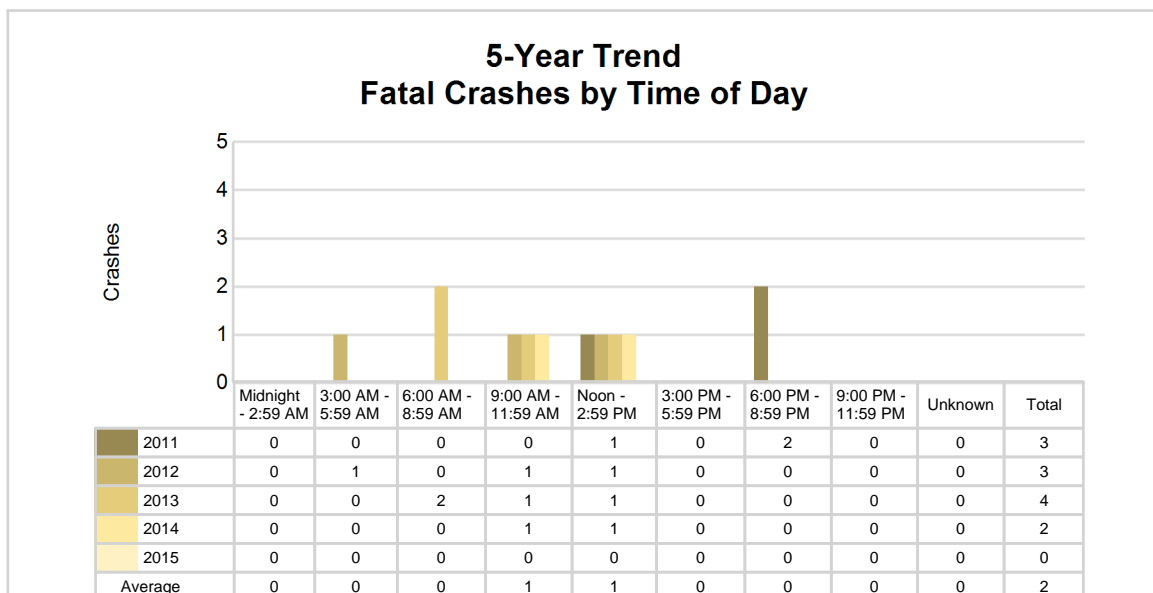
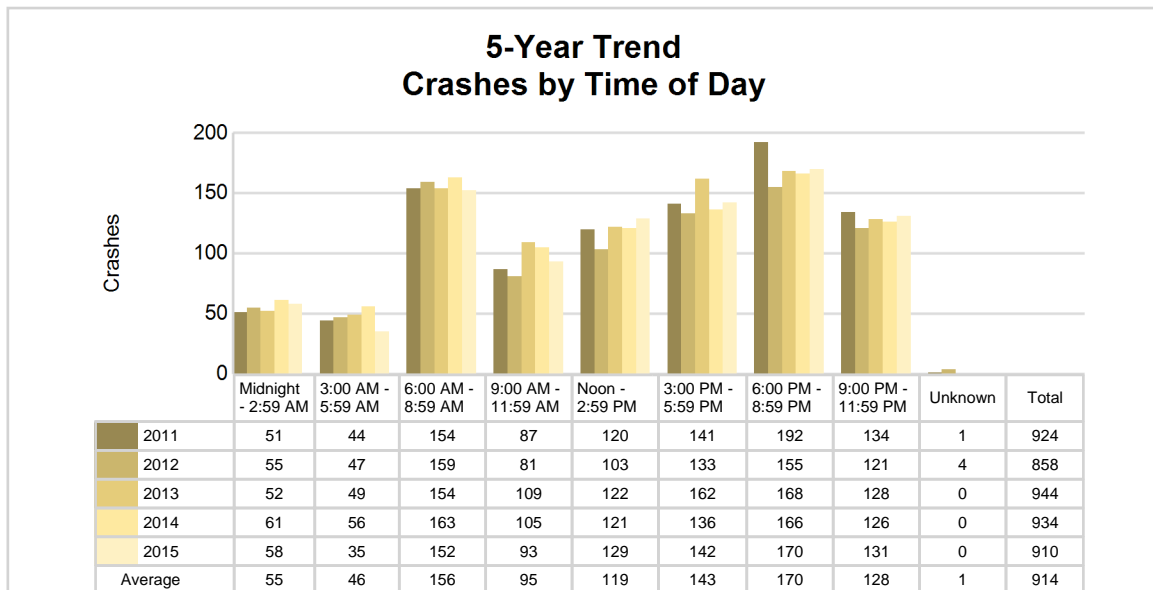
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

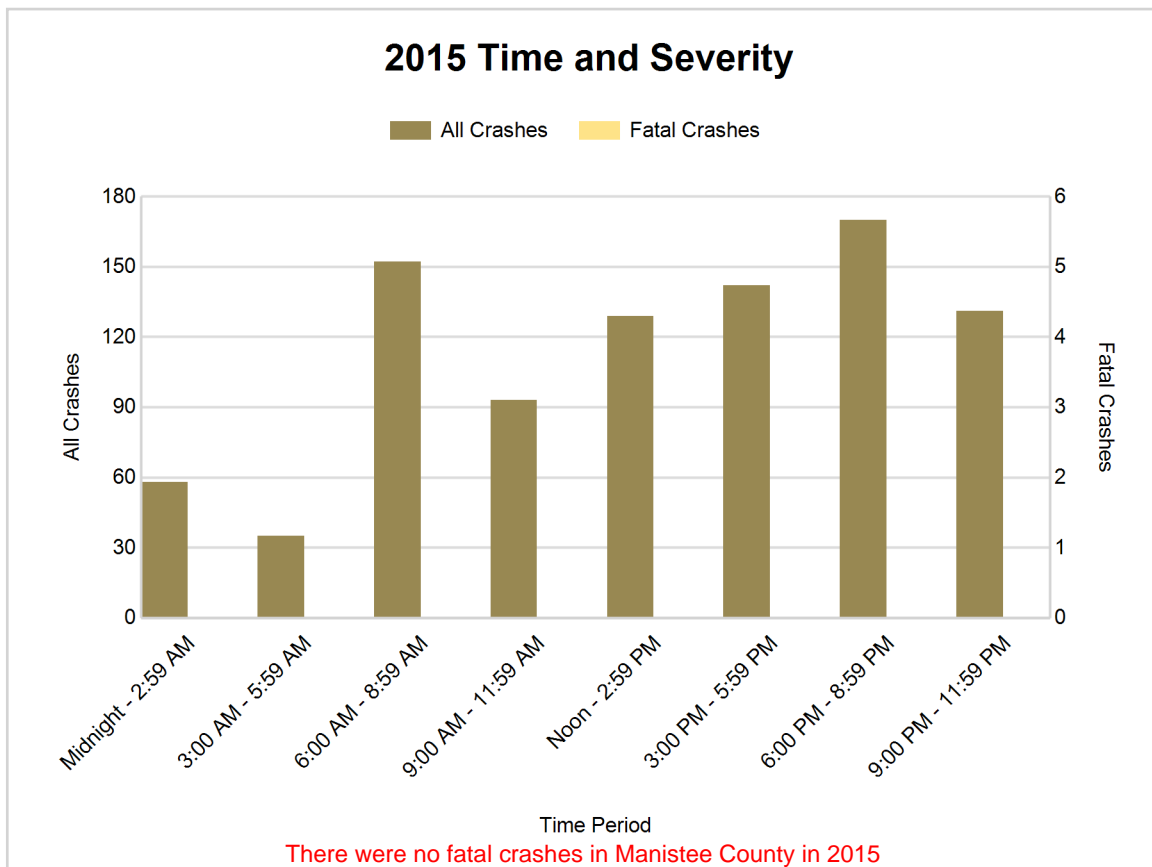
Time of Day	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	51	0	55	0	52	0	61	0	58	0
3:00 AM - 5:59 AM	44	0	47	1	49	0	56	0	35	0
6:00 AM - 8:59 AM	154	0	159	0	154	2	163	0	152	0
9:00 AM - 11:59 AM	87	0	81	1	109	1	105	1	93	0
Noon - 2:59 PM	120	1	103	1	122	1	121	1	129	0
3:00 PM - 5:59 PM	141	0	133	0	162	0	136	0	142	0
6:00 PM - 8:59 PM	192	2	155	0	168	0	166	0	170	0
9:00 PM - 11:59 PM	134	0	121	0	128	0	126	0	131	0
Unknown	1	0	4	0	0	0	0	0	0	0
Total	924	3	858	3	944	4	934	2	910	0

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



2015 - Time and Severity

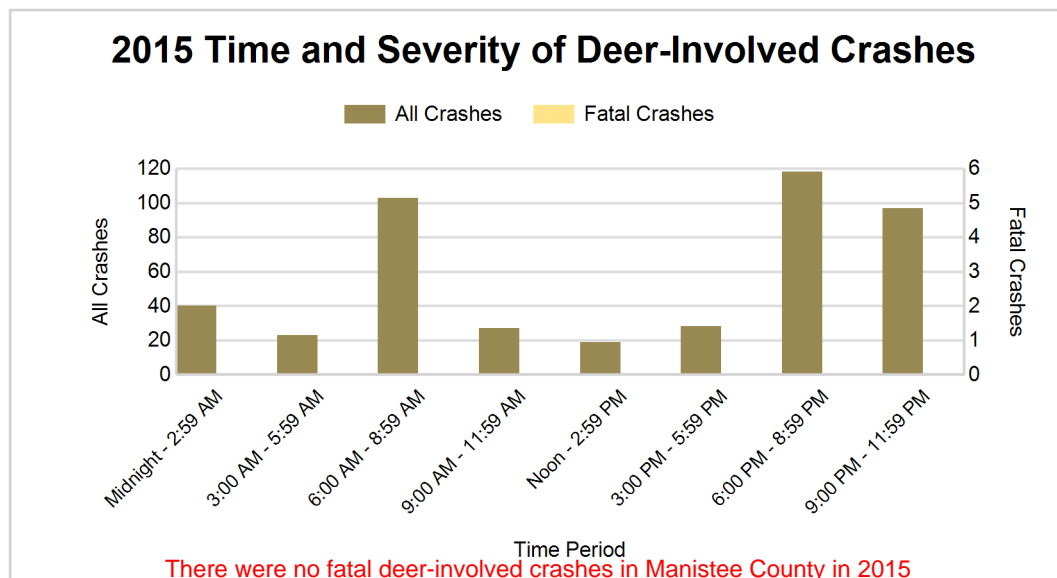
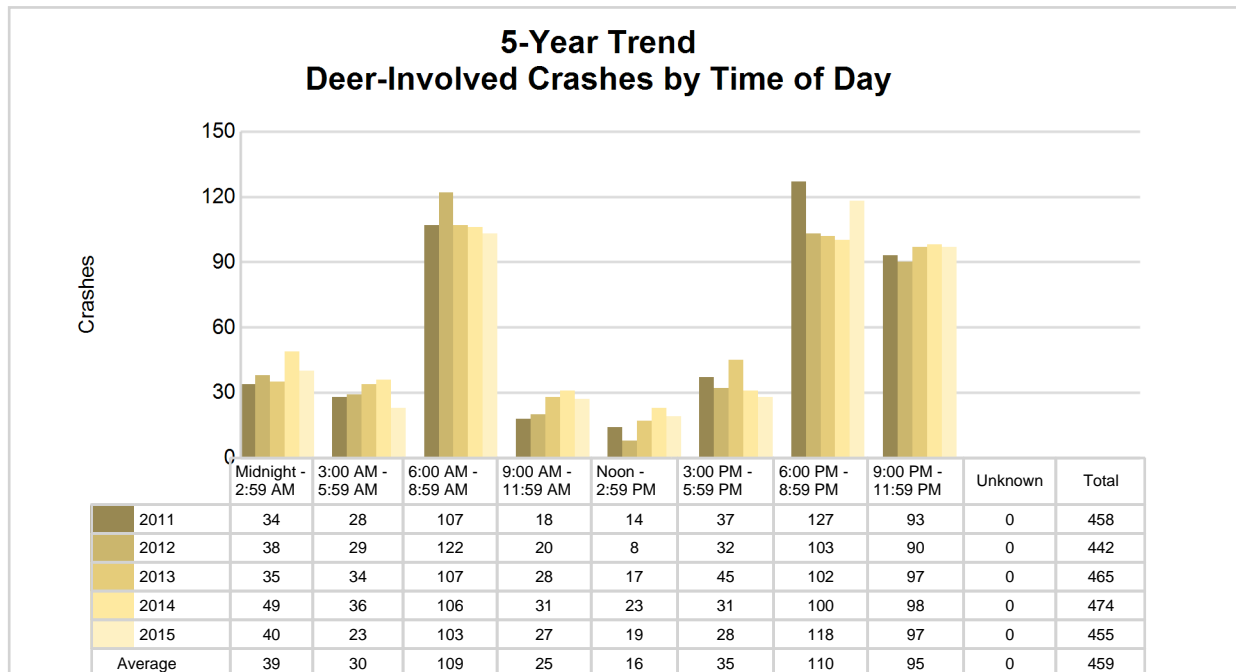
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	58	6.4	0	0.0	0	0	7	51
3:00 AM - 5:59 AM	35	3.8	0	0.0	2	2	1	30
6:00 AM - 8:59 AM	152	16.7	0	0.0	0	2	7	143
9:00 AM - 11:59 AM	93	10.2	0	0.0	4	2	11	76
Noon - 2:59 PM	129	14.2	0	0.0	3	14	11	101
3:00 PM - 5:59 PM	142	15.6	0	0.0	2	7	10	123
6:00 PM - 8:59 PM	170	18.7	0	0.0	2	2	10	156
9:00 PM - 11:59 PM	131	14.4	0	0.0	2	4	2	123
Unknown	0	0.0	0	0.0	0	0	0	0
Total	910	100.0	0	0.0	15	33	59	803



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

Time of Day	2011		2012		2013		2014		2015	
	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	38	0	35	0	49	0	40	0
3:00 AM - 5:59 AM	28	0	29	0	34	0	36	0	23	0
6:00 AM - 8:59 AM	107	0	122	0	107	0	106	0	103	0
9:00 AM - 11:59 AM	18	0	20	0	28	0	31	0	27	0
Noon - 2:59 PM	14	0	8	0	17	0	23	0	19	0
3:00 PM - 5:59 PM	37	0	32	0	45	0	31	0	28	0
6:00 PM - 8:59 PM	127	0	103	0	102	0	100	0	118	0
9:00 PM - 11:59 PM	93	0	90	0	97	0	98	0	97	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	458	0	442	0	465	0	474	0	455	0

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



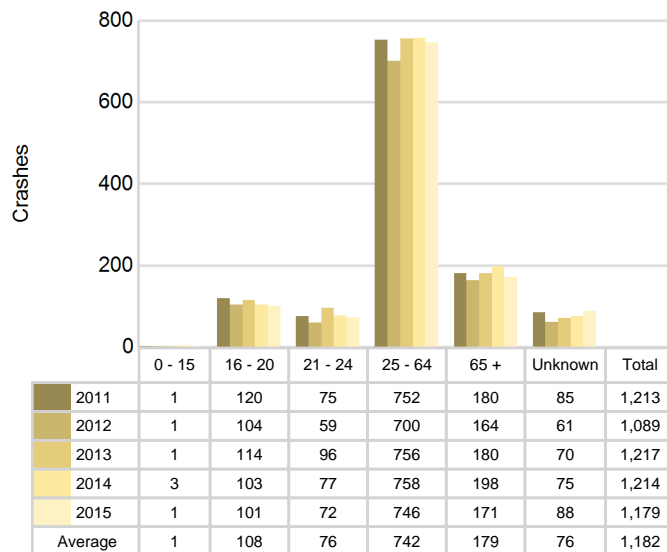
2015 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Arcadia Twp.	20	0	0	20	0	0	16	4	0	0	19	0	0
Bear Lake	4	0	1	3	0	2	0	2	1	0	1	0	1
Bear Lake Twp.	61	0	10	51	0	26	0	35	3	1	37	0	16
Brown Twp.	21	0	2	19	0	7	0	14	0	1	18	0	2
Cleon Twp.	30	0	3	27	0	0	15	15	0	0	18	0	5
Copemish	6	0	0	6	0	0	5	1	0	0	1	0	0
Dickson Twp.	35	0	6	29	0	0	0	35	2	0	19	0	6
Eastlake	2	0	0	2	0	0	1	1	0	0	0	0	0
Filer Twp.	89	0	12	77	0	51	0	38	4	1	43	0	23
Kaleva	8	0	0	8	0	0	0	8	0	0	2	0	0
Manistee	174	0	26	148	0	79	0	95	8	1	17	0	36
Manistee Twp.	173	0	9	164	0	99	32	42	3	0	108	0	17
Maple Grove Twp.	31	0	5	26	0	0	0	31	1	0	17	0	5
Marilla Twp.	25	0	3	22	0	0	0	25	1	0	16	0	4
Norman Twp.	60	0	8	52	0	0	29	31	0	0	37	0	12
Onekama	4	0	0	4	0	0	3	1	0	0	0	0	0
Onekama Twp.	47	0	5	42	0	0	21	26	0	0	31	0	6
Pleasanton Twp.	33	0	5	28	0	16	0	17	0	0	22	0	6
Springdale Twp.	37	0	7	30	0	0	5	32	4	0	18	0	8
Stronach Twp.	50	0	5	45	0	0	27	23	2	0	31	0	7
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	910	0	107	803	0	280	154	476	29	4	455	0	154

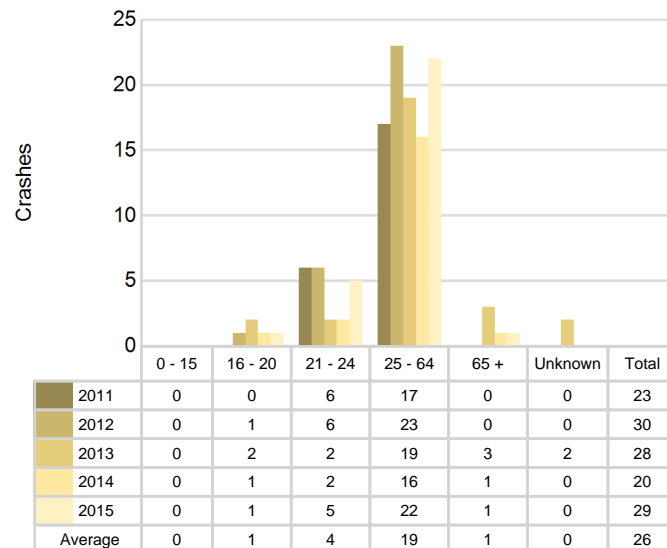
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2011		2012		2013		2014		2015	
	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	1	0
16 - 20	120	0	104	1	114	2	103	1	101	1
21 - 24	75	6	59	6	96	2	77	2	72	5
25 - 64	752	17	700	23	756	19	758	16	746	22
65 +	180	0	164	0	180	3	198	1	171	1
Unknown	85	0	61	0	70	2	75	0	88	0
Total	1,213	23	1,089	30	1,217	28	1,214	20	1,179	29

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



2015 - 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	3	3	1	1	0	0	1	0	0
21 - 24	5	6	5	5	0	0	3	1	1
25 - 64	27	25	20	22	1	4	4	9	4
65 +	3	3	1	1	0	0	1	0	0
Unknown	5	0	0	0	0	0	0	0	0
Total	43	37	27	29	1	4	9	10	5

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 2015, there were 43 drivers in alcohol-involved crashes; 29 (67.4%) of those drivers were coded as had-been-drinking by the officer on the crash form.

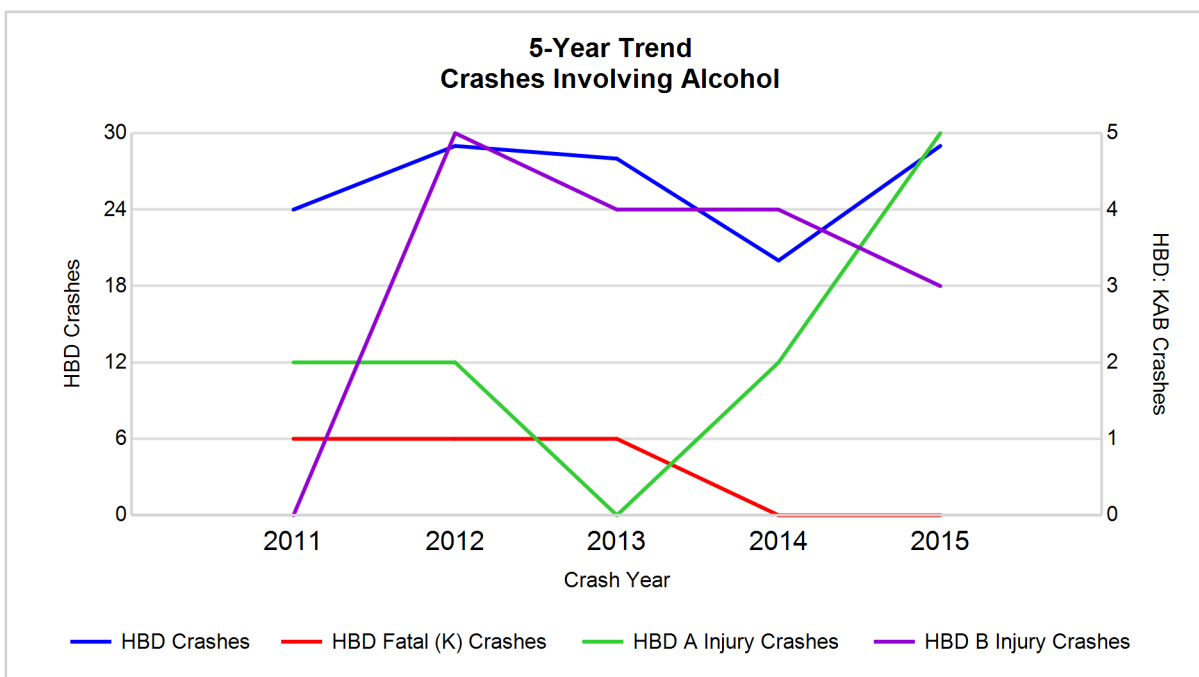
- 19 (65.5%) of the 29 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 10 (52.6%) of the 19 drivers had a BAC at or above 0.17 g/dL.
- 27 (93.1%) of the 29 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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
2011	924	24	2.6	3	1	33.3	12	2	16.7	27	0	0.0
2012	858	29	3.4	3	1	33.3	12	2	16.7	28	5	17.9
2013	944	28	3.0	4	1	25.0	12	0	0.0	30	4	13.3
2014	934	20	2.1	2	0	0.0	8	2	25.0	22	4	18.2
2015	910	29	3.2	0*	0	0.0	15**	5**	33.3**	33**	3	9.1

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

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



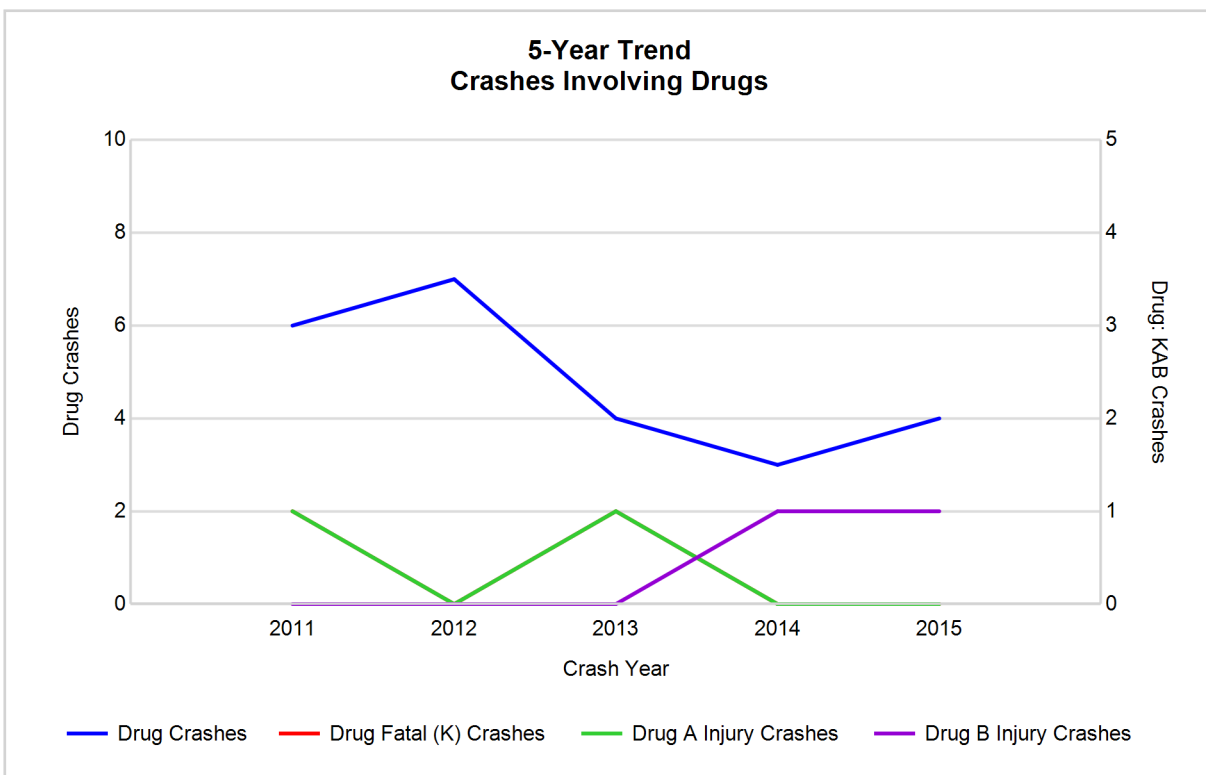
Note: Had-Been-Drinking (HBD)

5-Year Trend - Crashes Involving Drugs

Year	All Crashes	Drug Crashes	% Drug	Fatal Crashes	Drug Fatal Crashes	% Drug	A Injury Crashes	Drug A Injury Crashes	% Drug	B Injury Crashes	Drug B Injury Crashes	% Drug
2011	924	6	0.6	3	1	33.3	12	1	8.3	27	0	0.0
2012	858	7	0.8	3	0	0.0	12	0	0.0	28	0	0.0
2013	944	4	0.4	4	1	25.0	12	1	8.3	30	0	0.0
2014	934	3	0.3	2	0	0.0	8	0	0.0	22	1	4.5
2015	910	4	0.4	0*	0	0.0	15**	0	0.0	33**	1	3.0

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

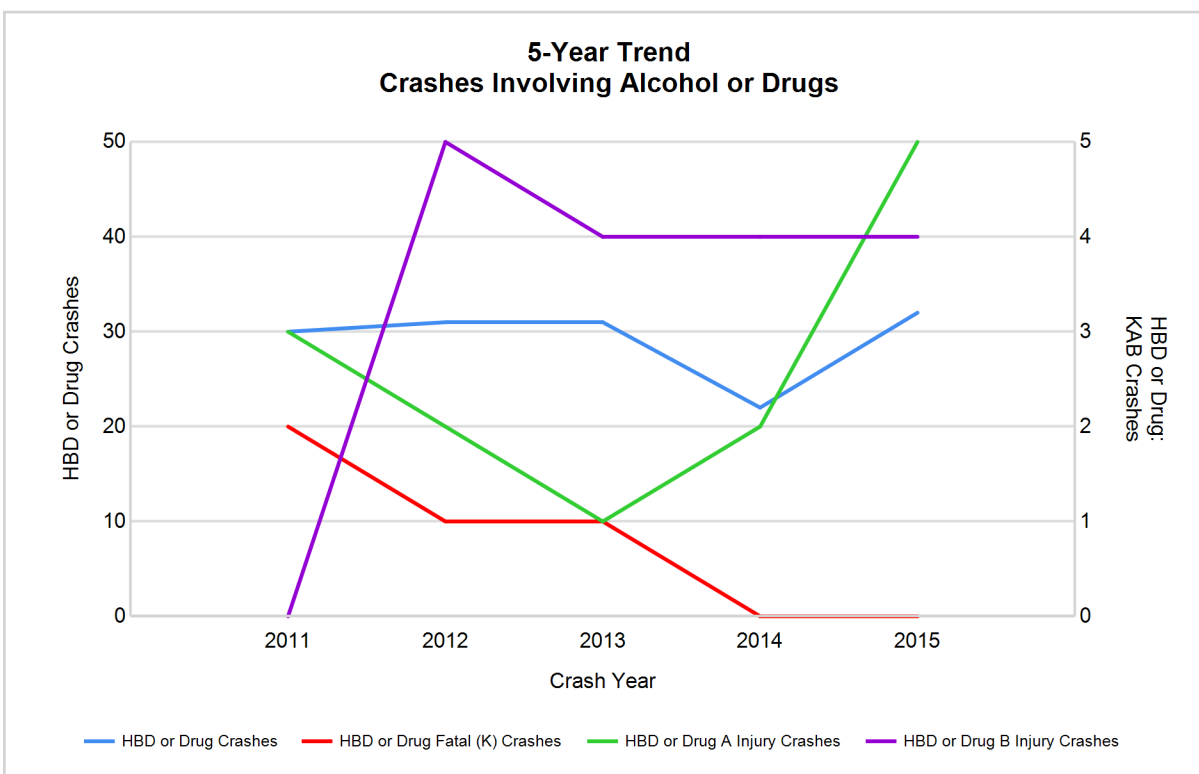


5-Year Trend - Crashes Involving Alcohol or Drugs

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
2011	924	30	3.2	3	2	66.7	12	3	25.0	27	0	0.0
2012	858	31	3.6	3	1	33.3	12	2	16.7	28	5	17.9
2013	944	31	3.3	4	1	25.0	12	1	8.3	30	4	13.3
2014	934	22	2.4	2	0	0.0	8	2	25.0	22	4	18.2
2015	910	32**	3.5	0*	0	0.0	15**	5**	33.3**	33**	4	12.1

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

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



Note: Had-Been-Drinking (HBD)

2015 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Vehicle Type

Vehicle Type	Total Occupants			Fatalities			A - Incapacitating			B - Non-incapacitating			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 & station wagon	852	780	91.5	0	0	0.0	9	7	77.8	21	20	95.2	72	70	97.2	698	683	97.9
Van & motorhome	48	44	91.7	0	0	0.0	0	0	0.0	3	3	100.0	1	1	100.0	40	40	100.0
Pickup truck	239	216	90.4	0	0	0.0	3	1	33.3	6	5	83.3	13	12	92.3	204	198	97.1
Small truck under 10,000 lbs. GVWR	18	16	88.9	0	0	0.0	0	0	0.0	1	1	100.0	1	1	100.0	14	14	100.0
Cycle	10	8	80.0	0	0	0.0	1	1	100.0	3	2	66.7	5	4	80.0	1	1	100.0
Moped	4	3	75.0	0	0	0.0	2	1	50.0	1	1	100.0	1	1	100.0	0	0	0.0
Go 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	2	2	100.0	0	0	0.0	1	1	100.0	0	0	0.0	1	1	100.0	0	0	0.0
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	3	1	33.3	0	0	0.0	0	0	0.0	2	1	50.0	1	0	0.0	0	0	0.0
Other	5	4	80.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	4	4	100.0
Truck/bus over 10,000 lbs.	20	19	95.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	20	19	95.0
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	1,215	1,093	90.0	0	0	0.0	16	11	68.8	37	33	89.2	95	90	94.7	981	959	97.8

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.

2015 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Age

Age Group	Total Occupants			Fatalities			A - Incapacitating			B - Non-incapacitating			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
0 - 15	13	13	100.0	0	0	0.0	0	0	0.0	2	2	100.0	10	10	100.0	1	1	100.0
16 - 20	104	101	97.1	0	0	0.0	1	1	100.0	2	1	50.0	13	13	100.0	87	86	98.9
21 - 24	73	69	94.5	0	0	0.0	4	3	75.0	4	3	75.0	3	3	100.0	62	60	96.8
25 - 64	763	742	97.2	0	0	0.0	9	6	66.7	22	20	90.9	54	50	92.6	677	666	98.4
65 +	174	168	96.6	0	0	0.0	2	1	50.0	7	7	100.0	15	14	93.3	150	146	97.3
Unknown	88	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	4	0	0.0
Total	1,215	1,093	90.0	0	0	0.0	16	11	68.8	37	33	89.2	95	90	94.7	981	959	97.8

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	2011			2012			2013			2014			2015		
	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	7	0	0	13	0	0	5	0	1	2	0	0	2	0	0
Shoulder belt only used	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Lap belt only used	1	0	0	3	0	1	6	0	2	1	0	0	4	0	0
Both lap & shoulder belts used	1,075	0	94	973	0	81	1,082	2	95	1,085	1	104	1,043	0	89
No belts used	14	2	3	11	1	2	7	1	2	9	0	3	9	0	5
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	1	0	0	2	0	0	1	0	0	0	0	0	0	0	0
Restraint use unknown	10	0	1	17	0	4	22	0	4	32	0	1	14	0	1
Helmet worn	20	1	18	6	0	4	13	0	11	9	0	6	13	0	12
Helmet not worn	1	0	1	4	1	3	8	0	8	1	0	1	4	0	4
Helmet use unknown	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1
Uncoded & errors	83	0	0	60	0	0	72	0	0	74	0	0	89	0	0
Total	1,213	3	117	1,089	2	95	1,217	3	123	1,214	1	115	1,179	0	112

5-Year Trend - Restraint Use Among Drivers Coded Drinking

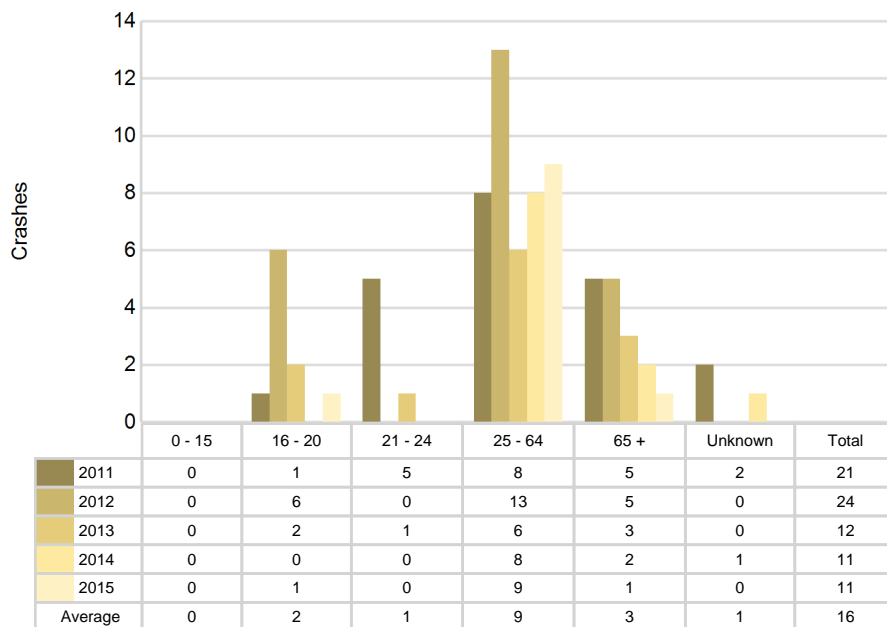
Restraint Use	2011			2012			2013			2014			2015		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Shoulder belt only used	0	0	0	0	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	18	0	4	24	0	9	21	1	5	17	0	5	22	0	8
No belts used	4	1	2	2	1	1	0	0	0	2	0	2	3	0	3
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	3	0	2	3	0	1	1	0	1	2	0	1
Helmet worn	0	0	0	0	0	0	2	0	1	0	0	0	1	0	1
Helmet not worn	1	0	1	0	0	0	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	1	0	0	0	0	0	0	0	0
Total	23	1	7	30	1	12	28	1	8	20	0	8	29	0	14

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

Age Group	2011			2012			2013			2014			2015		
	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	1	0	0	6	0	0	2	0	1	0	0	0	1	0	1
21 - 24	5	0	1	0	0	0	1	0	0	0	0	0	0	0	0
25 - 64	8	1	2	13	1	1	6	0	2	8	0	2	9	0	4
65 +	5	1	0	5	0	1	3	1	0	2	0	1	1	0	0
Unknown	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Total	21	2	3	24	1	2	12	1	3	11	0	3	11	0	5

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

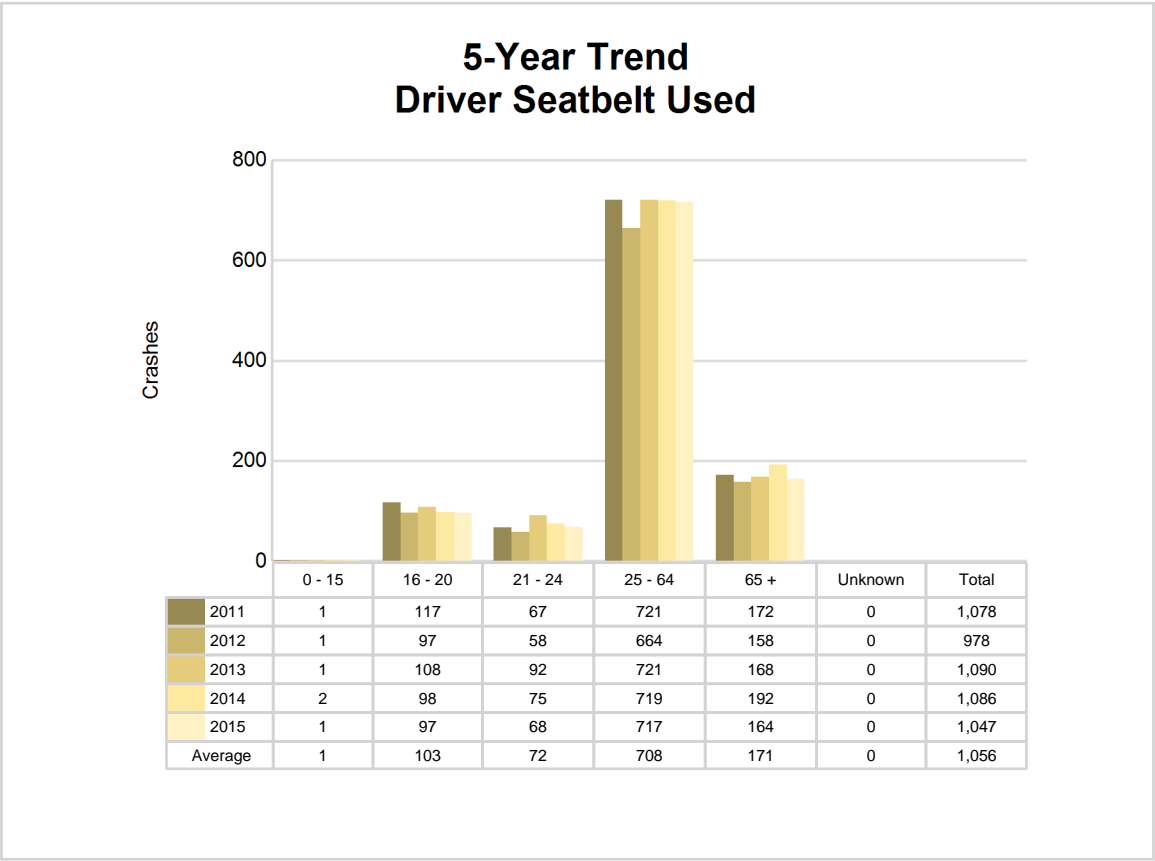
5-Year Trend Driver Seatbelt Not Used

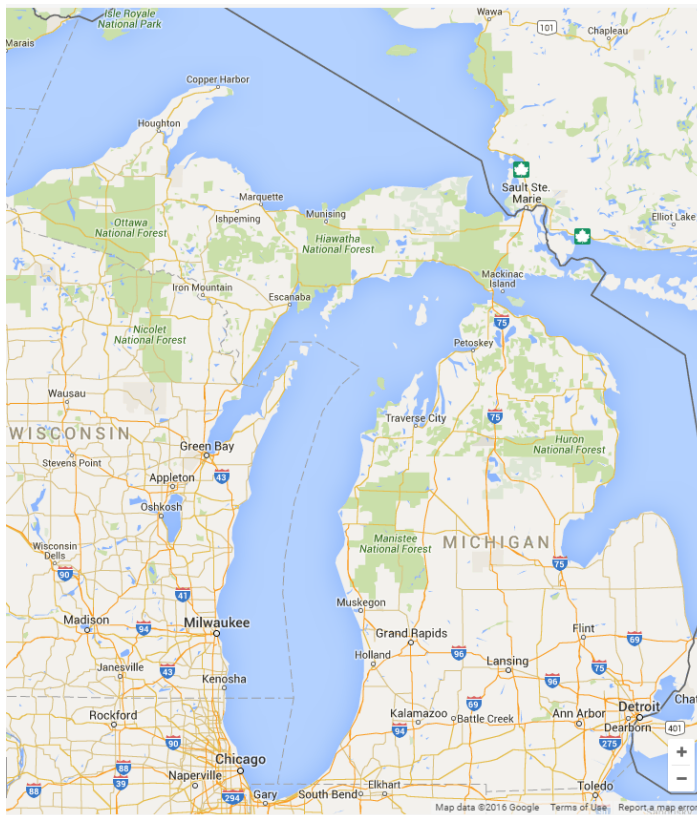


5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2011			2012			2013			2014			2015		
	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	0	1	0	0	1	0	0	2	0	0	1	0	0
16 - 20	117	0	10	97	0	10	108	1	13	98	0	16	97	0	11
21 - 24	67	0	5	58	0	4	92	0	6	75	0	8	68	0	8
25 - 64	721	0	55	664	0	47	721	0	58	719	1	60	717	0	52
65 +	172	0	24	158	0	21	168	1	20	192	0	20	164	0	18
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,078	0	94	978	0	82	1,090	2	97	1,086	1	104	1,047	0	89

Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.





In 2015, there were no alcohol-involved fatal crashes in Manistee County.

In 2015, there were 29 alcohol-involved crashes in Manistee County:

- 0 K - Fatal Crashes
- 5 A - Incapacitating Injury Crashes
- 3 B - Non-incapacitating Injury Crashes
- 8 C - Possible Injury Crashes
- 13 O - Property Damage Only/No Injury Crashes

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