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)

Governor's Prosperity Region - Northeast Prosperity Region

2016 Traffic Crash Data & 2012-2016 5-Year Trends

Prosperity Region - 3 is comprised of Alcona, Alpena, Cheboygan, Crawford, Iosco, Montmorency, Ogemaw, Oscoda, Otsego, Presque Isle, and Roscommon counties. Trend tables for this report are based on those counties.

3. Northeast Prosperity Region
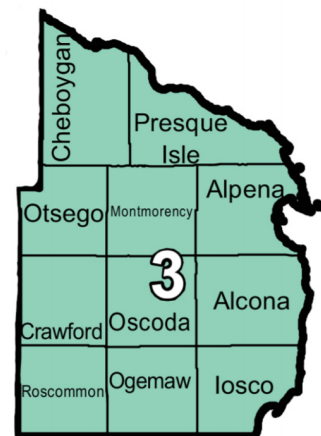
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Northeast Prosperity Region Experience

The 2016* comprehensive cost of traffic crashes was $1,020,000,000.** Fatalities cost $320,000,000, injuries cost $410,000,000, and 'Property Damage Only' crashes cost $290,000,000.

In 2016:

There were 9,172 drivers involved in 7,158 motor vehicle crashes in Northeast Prosperity Region. Of those crashes, 28 were classified as fatal, resulting in 31 fatalities. An additional 1,329 persons were injured.

Northeast Prosperity Region experienced the highest number of motor vehicle crashes (942) in November, the highest number of fatal crashes (5) in July, and the highest number of persons killed (5) in July and October.

Michigan driver statistics indicate 5.1 percent of licensed drivers in Northeast Prosperity Region were age 16-20, and 11.5 percent of drivers in crashes were also in that age group.

* 2016 National Safety Council data for average costs of motor vehicle crashes were used for this report.

** Cost estimates derived from the National Safety Council are approximations and have been rounded to the nearest $5,000,000. With rounding, the total cost may not equal the sum of all crash types.

2016 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	592	2	76	514	2	106
February	542	2	74	466	3	96
March	447	0	50	397	0	68
April	452	2	54	396	2	64
May	484	4	81	399	4	107
June	658	2	85	571	2	108
July	573	5	110	458	5	148
August	536	1	115	420	1	158
September	503	4	80	419	4	106
October	588	3	85	500	5	122
November	942	1	93	848	1	113
December	841	2	97	742	2	133
Total	**7,158**	**28**	**1,000**	**6,130**	**31**	**1,329**

2016 - Driver Statistics

Age Group	Northeast Prosperity Region			Driver Rates	
	2016 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	31,025	983	17	5.5	172.9
16 - 20	10,011	8,348	1,055	1,053.8	1,263.8
21 - 24	7,783	7,505	687	882.7	915.4
25 - 64	100,298	96,212	5,717	570.0	594.2
65 +	53,684	51,120	1,438	267.9	281.3
Unknown	0	0	258	- -	- -
Total	**202,801**	**164,168**	**9,172**	**452.3**	**558.7**

2016 - 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	6,085	66.3	12	32.4	930	5,143
Motor home	172	1.9	0	0.0	18	154
Pickup truck	2,229	24.3	9	24.3	316	1,904
Small truck under 10,000 lbs. GVWR	235	2.6	2	5.4	28	205
Motorcycle	92	1.0	7	18.9	61	24
Moped / goped	13	0.1	1	2.7	10	2
Go-cart / golf cart	2	0.0	0	0.0	1	1
Snowmobile	19	0.2	1	2.7	14	4
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	44	0.5	3	8.1	39	2
Other	47	0.5	1	2.7	9	37
Truck/bus over 10,000 lbs.	160	1.7	1	2.7	28	131
Unknown	74	0.8	0	0.0	2	72
Total	**9,172**	**100.0**	**37**	**100.0**	**1,456**	**7,679**

5-Year Trend - Crashes by Month

Month	2012 Total Crashes	2012 Fatal Crashes	2013 Total Crashes	2013 Fatal Crashes	2014 Total Crashes	2014 Fatal Crashes	2015 Total Crashes	2015 Fatal Crashes	2016 Total Crashes	2016 Fatal Crashes
January	735	3	683	0	702	3	666	1	592	2
February	586	1	567	5	507	2	458	0	542	2
March	434	0	486	2	618	0	431	0	447	0
April	364	1	489	1	464	2	406	0	452	2
May	428	3	458	3	475	6	478	3	484	4
June	561	3	611	4	581	1	652	2	658	2
July	543	2	554	3	560	1	591	5	573	5
August	431	3	471	4	442	0	500	3	536	1
September	551	0	537	6	417	3	495	4	503	4
October	663	0	673	2	640	2	684	1	588	3
November	923 †	2	923 †	2	1,036 †	3	901 †	2	942 †	1
December	647	0	859	1	646	0	490	2	841	2
Total	**6,866**	**18**	**7,311**	**33**	**7,088**	**23**	**6,752**	**23**	**7,158**	**28**

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	2012 Total Crashes	2012 Fatal Crashes	2013 Total Crashes	2013 Fatal Crashes	2014 Total Crashes	2014 Fatal Crashes	2015 Total Crashes	2015 Fatal Crashes	2016 Total Crashes	2016 Fatal Crashes
Monday	966	2	1,000	5	956	5	946	3	1,027	2
Tuesday	891	1	1,020	4	976	0	903	3	966	2
Wednesday	900	1	1,028	4	985	5	1,006	3	1,105	4
Thursday	984	2	1,126	2	1,072	2	949	2	1,028	4
Friday	1,255 †	1	1,217 †	4	1,201 †	1	1,106 †	7	1,138 †	5
Saturday	1,005	6	1,075	8	953	5	974	3	975	8
Sunday	865	5	845	6	945	5	868	2	919	3
Total	**6,866**	**18**	**7,311**	**33**	**7,088**	**23**	**6,752**	**23**	**7,158**	**28**

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

2016 Crashes by Month
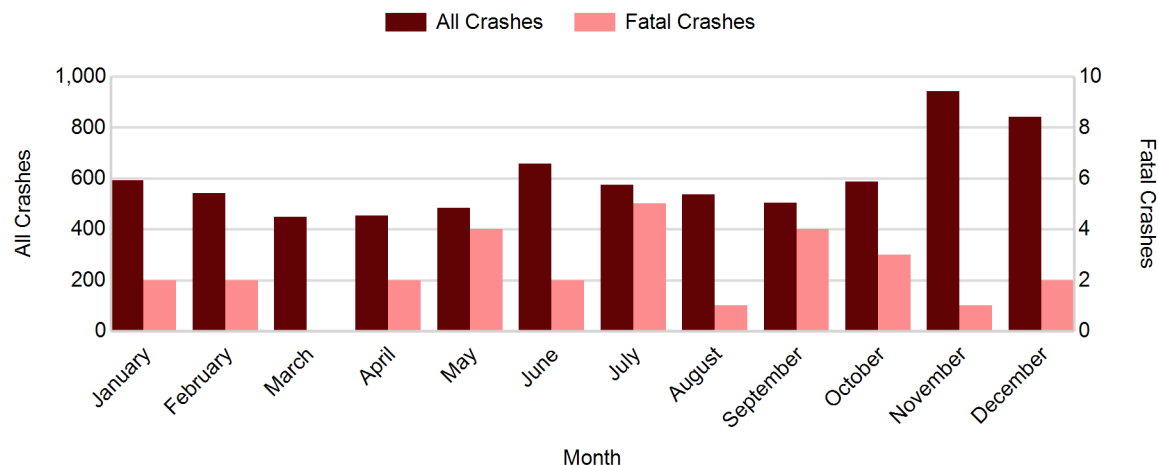
2016 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	1,027	14.3	2	7.1	15	39	83	888
Tuesday	966	13.5	2	7.1	13	30	66	855
Wednesday	1,105	15.4	4	14.3	17	42	83	959
Thursday	1,028	14.4	4	14.3	17	40	76	891
Friday	1,138	15.9	5	17.9	19	51	91	972
Saturday	975	13.6	8	28.6	32	64	85	786
Sunday	919	12.8	3	10.7	17	43	77	779
Total	**7,158**	**100.0**	**28**	**100.0**	**130**	**309**	**561**	**6,130**

2016 Day of Week and Severity

5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	4,996	7	5,391	19	5,190	13	4,910	18	5,264	17
Weekend	1,870	11	1,920	14	1,898	10	1,842	5	1,894	11
Total	**6,866**	**18**	**7,311**	**33**	**7,088**	**23**	**6,752**	**23**	**7,158**	**28**

5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)
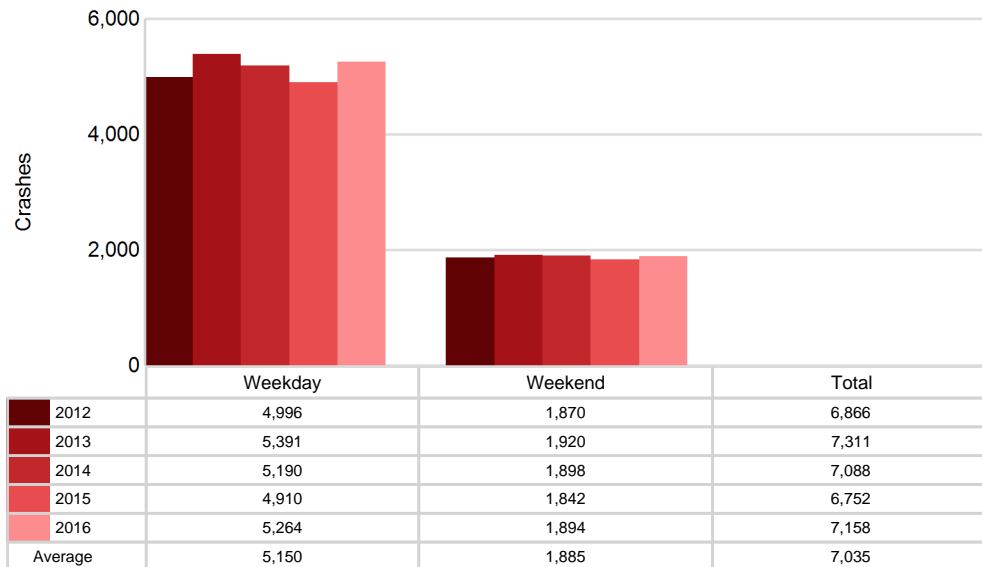
	Weekday	Weekend	Total
2012	4,996	1,870	6,866
2013	5,391	1,920	7,311
2014	5,190	1,898	7,088
2015	4,910	1,842	6,752
2016	5,264	1,894	7,158
Average	5,150	1,885	7,035

5-Year Trend - Crashes by Time of Day

Time of Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	365	2	347	2	379	0	340	2	328	3
3:00 AM - 5:59 AM	356	1	430	1	361	0	380	2	390	0
6:00 AM - 8:59 AM	1,153	1	1,230	4	1,154	3	1,115	5	1,156	2
9:00 AM - 11:59 AM	791	3	881	4	895	6	864	2	837	1
Noon - 2:59 PM	979	2	1,025	8	1,005	4	1,016	4	1,017	2
3:00 PM - 5:59 PM	1,018	6	1,100	4	1,124	4	949	4	1,162	5
6:00 PM - 8:59 PM	1,237 †	2	1,313 †	10	1,236 †	3	1,201 †	3	1,352 †	4
9:00 PM - 11:59 PM	959	1	981	0	931	3	883	1	911	11
Unknown	8	0	4	0	3	0	4	0	5	0
Total	**6,866**	**18**	**7,311**	**33**	**7,088**	**23**	**6,752**	**23**	**7,158**	**28**

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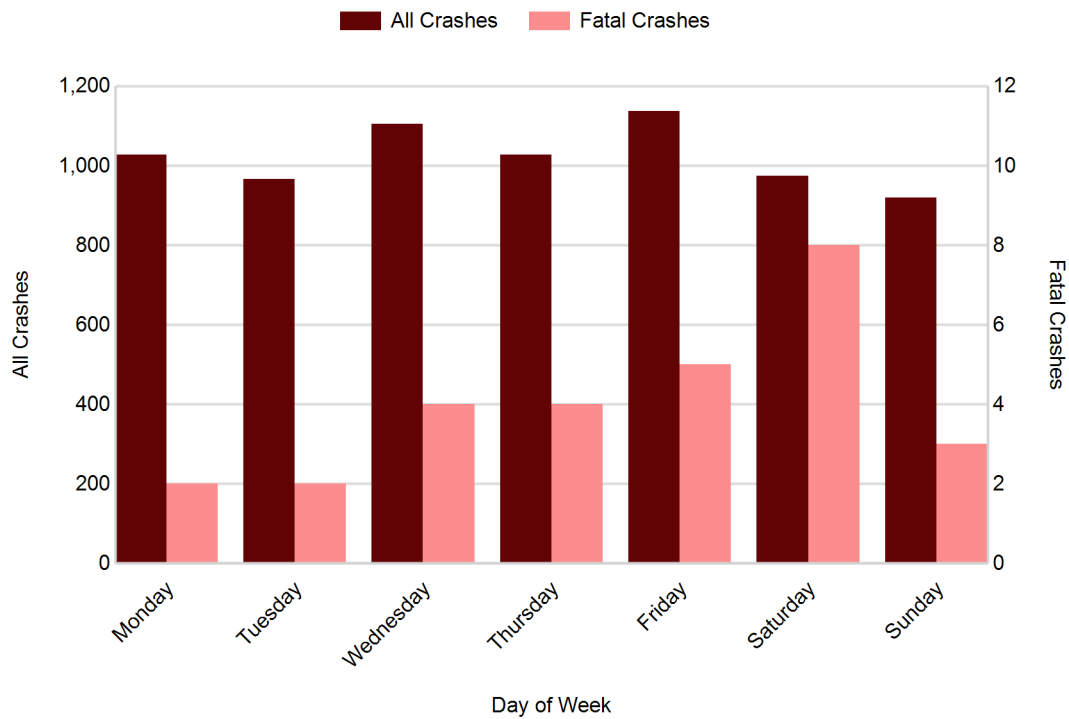

**5-Year Trend
Crashes by Time of Day**

	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2012	365	356	1,153	791	979	1,018	1,237	959	8	6,866
2013	347	430	1,230	881	1,025	1,100	1,313	981	4	7,311
2014	379	361	1,154	895	1,005	1,124	1,236	931	3	7,088
2015	340	380	1,115	864	1,016	949	1,201	883	4	6,752
2016	328	390	1,156	837	1,017	1,162	1,352	911	5	7,158
Average	352	383	1,162	854	1,008	1,071	1,268	933	5	7,035

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

	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2012	2	1	1	3	2	6	2	1	0	18
2013	2	1	4	4	8	4	10	0	0	33
2014	0	0	3	6	4	4	3	3	0	23
2015	2	2	5	2	4	4	3	1	0	23
2016	3	0	2	1	2	5	4	11	0	28
Average	2	1	3	3	4	5	4	3	0	25

2016 - 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	328	4.6	3	10.7	6	11	22	286
3:00 AM	- 5:59 AM	390	5.4	0	0.0	2	13	22	353
6:00 AM	- 8:59 AM	1,156	16.1	2	7.1	8	28	60	1,058
9:00 AM	- 11:59 AM	837	11.7	1	3.6	21	44	82	689
Noon	- 2:59 PM	1,017	14.2	2	7.1	24	60	129	802
3:00 PM	- 5:59 PM	1,162	16.2	5	17.9	30	72	117	938
6:00 PM	- 8:59 PM	1,352	18.9	4	14.3	28	52	75	1,193
9:00 PM	- 11:59 PM	911	12.7	11	39.3	11	29	53	807
Unknown		5	0.1	0	0.0	0	0	1	4
Total		**7,158**	**100.0**	**28**	**100.0**	**130**	**309**	**561**	**6,130**
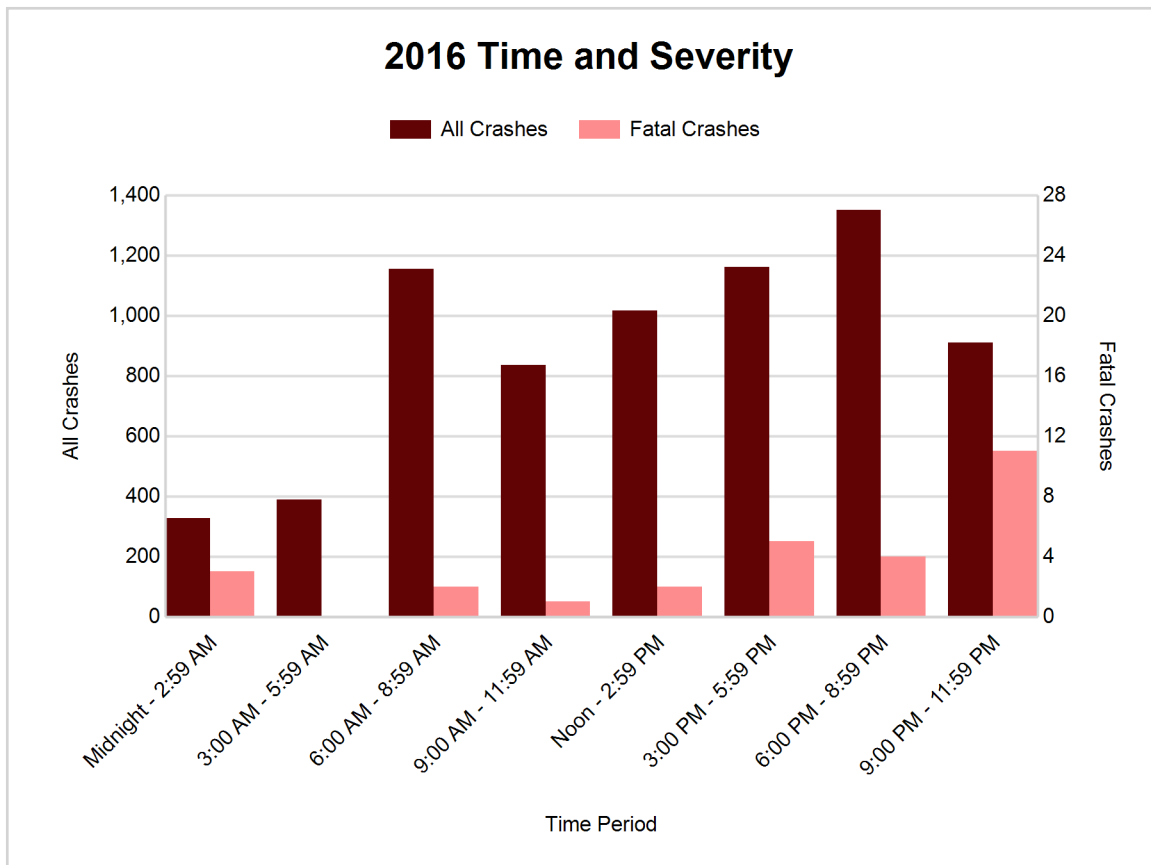
5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	194	0	208	0	208	0	177	0	171	1
3:00 AM - 5:59 AM	256	0	321	0	263	0	266	0	273	0
6:00 AM - 8:59 AM	800	0	781	0	686	0	727	1	769	0
9:00 AM - 11:59 AM	209	0	245	0	241	0	245	0	254	0
Noon - 2:59 PM	160	0	184	0	187	0	182	0	136	0
3:00 PM - 5:59 PM	265	0	299	0	295	0	261	0	270	0
6:00 PM - 8:59 PM	804 †	0	829 †	0	756 †	0	744 †	0	806 †	0
9:00 PM - 11:59 PM	670	0	697	0	634	0	623	0	597	1
Unknown	0	0	2	0	1	0	0	0	0	0
Total	**3,358**	**0**	**3,566**	**0**	**3,271**	**0**	**3,225**	**1**	**3,276**	**2**

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

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

	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2012	194	256	800	209	160	265	804	670	0	3,358
2013	208	321	781	245	184	299	829	697	2	3,566
2014	208	263	686	241	187	295	756	634	1	3,271
2015	177	266	727	245	182	261	744	623	0	3,225
2016	171	273	769	254	136	270	806	597	0	3,276
Average	192	276	753	239	170	278	788	644	1	3,339

2016 Time and Severity of Deer-Involved Crashes
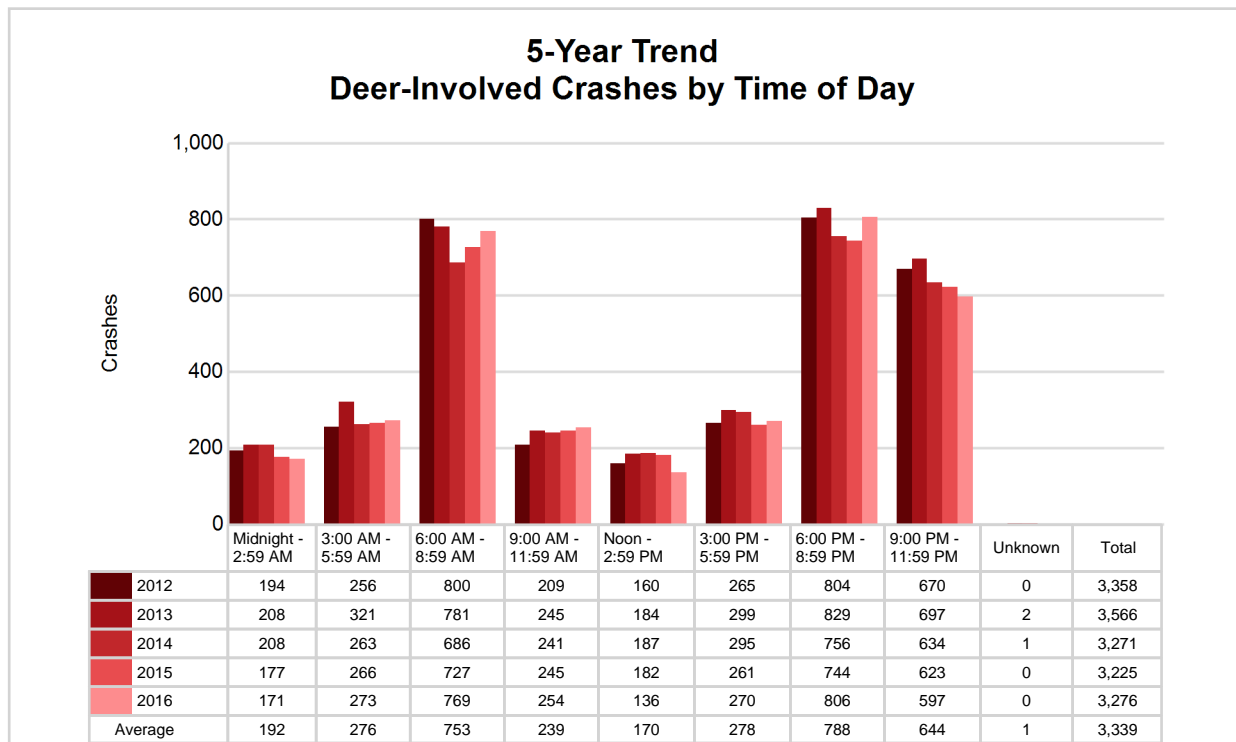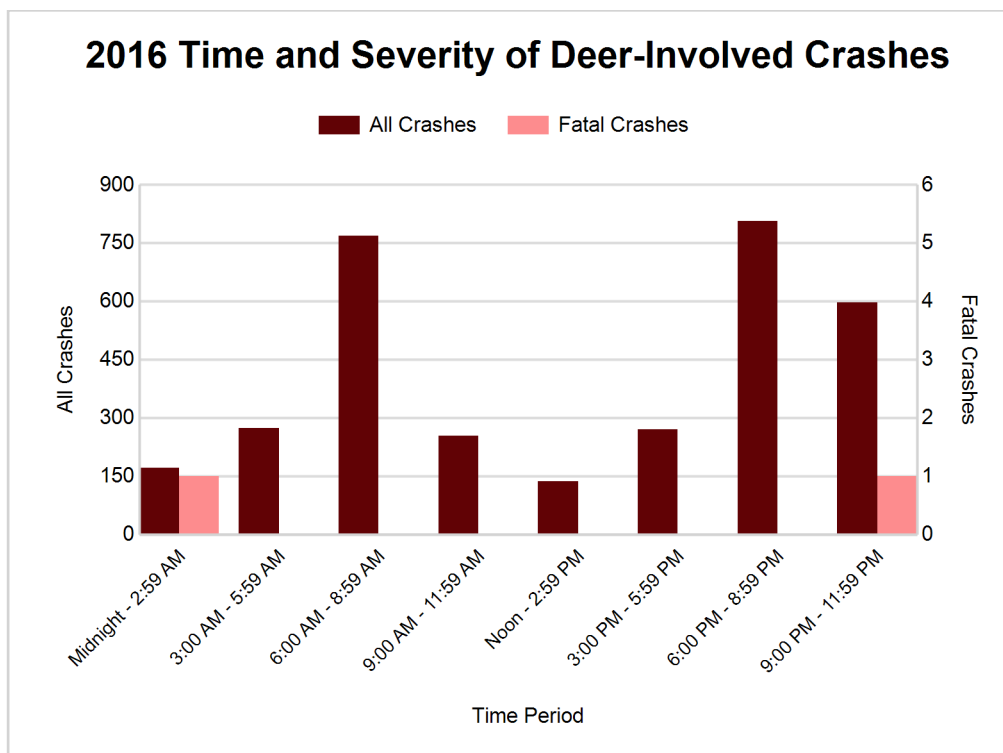
2016 - Reported Motor Vehicle Crashes by County

County	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Alcona	658	2	56	600	0	103	148	402	11	2	482	2	72
Alpena	779	1	114	664	0	173	172	433	24	6	301	1	144
Cheboygan	1,012	5	150	857	229	60	254	469	34	5	464	5	207
Crawford	411	2	85	324	135	13	98	164	20	8	73	2	105
Iosco	631	1	119	511	0	167	145	317	35	8	214	1	159
Montmorency	371	2	28	341	0	0	167	203	9	0	246	2	31
Ogemaw	788	4	122	662	138	0	253	390	22	10	401	5	178
Oscoda	287	3	34	250	0	0	134	150	10	1	173	3	40
Otsego	903	3	147	753	218	0	249	430	37	10	209	3	195
Presque Isle	548	2	36	510	0	94	161	293	12	3	407	2	44
Roscommon	770	3	109	658	115	99	243	305	24	3	306	5	154
Total	**7,158**	**28**	**1,000**	**6,130**	**835**	**709**	**2,024**	**3,556**	**238**	**56**	**3,276**	**31**	**1,329**

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

Driver Age	2012		2013		2014		2015		2016	
	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	28	0	27	0	28	0	26	0	17	1
16 - 20	958	20	976	16	890	19	936	19	1,055	11
21 - 24	630	39	682	29	681	29	632	39	687	42
25 - 64	5,502	157	5,819	147	5,774	157	5,385	139	5,717	163
65 +	1,208	13	1,304	9	1,356	12	1,375	9	1,438	17
Unknown	215	3	250	1	240	1	219	0	258	0
Total	**8,541**	**232**	**9,058**	**202**	**8,969**	**218**	**8,573**	**206**	**9,172**	**234**

5-Year Trend
Total Drivers in Crashes by Age
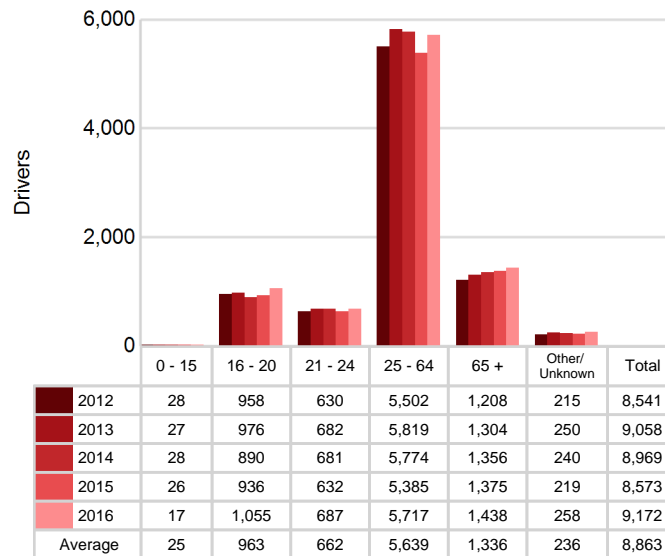
	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2012	28	958	630	5,502	1,208	215	8,541
2013	27	976	682	5,819	1,304	250	9,058
2014	28	890	681	5,774	1,356	240	8,969
2015	26	936	632	5,385	1,375	219	8,573
2016	17	1,055	687	5,717	1,438	258	9,172
Average	25	963	662	5,639	1,336	236	8,863

5-Year Trend
Total Drivers Coded Drinking by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2012	0	20	39	157	13	3	232
2013	0	16	29	147	9	1	202
2014	0	19	29	157	12	1	218
2015	0	19	39	139	9	0	206
2016	1	11	42	163	17	0	234
Average	0	17	36	153	12	1	218
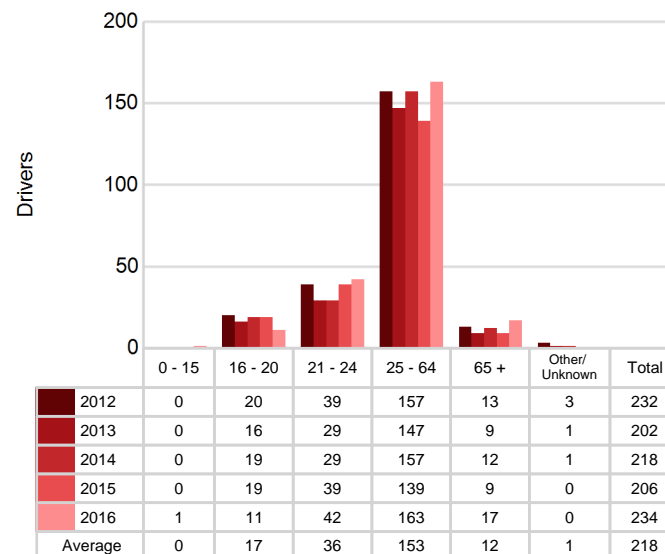
2016 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

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	1	1	1	1	0	0	0	1	0
16 - 20	14	23	9	11	0	0	6	2	3
21 - 24	48	37	33	42	1	5	15	7	14
25 - 64	189	196	135	163	5	11	49	44	54
65 +	24	31	16	17	0	4	6	5	2
Unknown	11	0	0	0	0	0	0	0	0
Total	**287**	**288**	**194**	**234**	**6**	**20**	**76**	**59**	**73**

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 2016, there were 287 drivers in alcohol-involved crashes; 234 (81.5%) of those drivers were coded as had-been-drinking by the officer on the crash form.

- 135 (57.7%) of the 234 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 59 (43.7%) of the 135 drivers had a BAC at or above 0.17 g/dL.

- 194 (82.9%) of the 234 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
2012	6,866	231	3.4	18	7	38.9	155	30	19.4	314	46	14.6
2013	7,311	205	2.8	33	12	36.4	147	20	13.6	284	34	12.0
2014	7,088	217	3.1	23	6	26.1	116	12	10.3	294	41	13.9
2015	6,752	209	3.1	23	6	26.1	123	14	11.4	282	38	13.5
2016	7,158	238**	3.3	28	9	32.1	130	15	11.5	309	38	12.3

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**
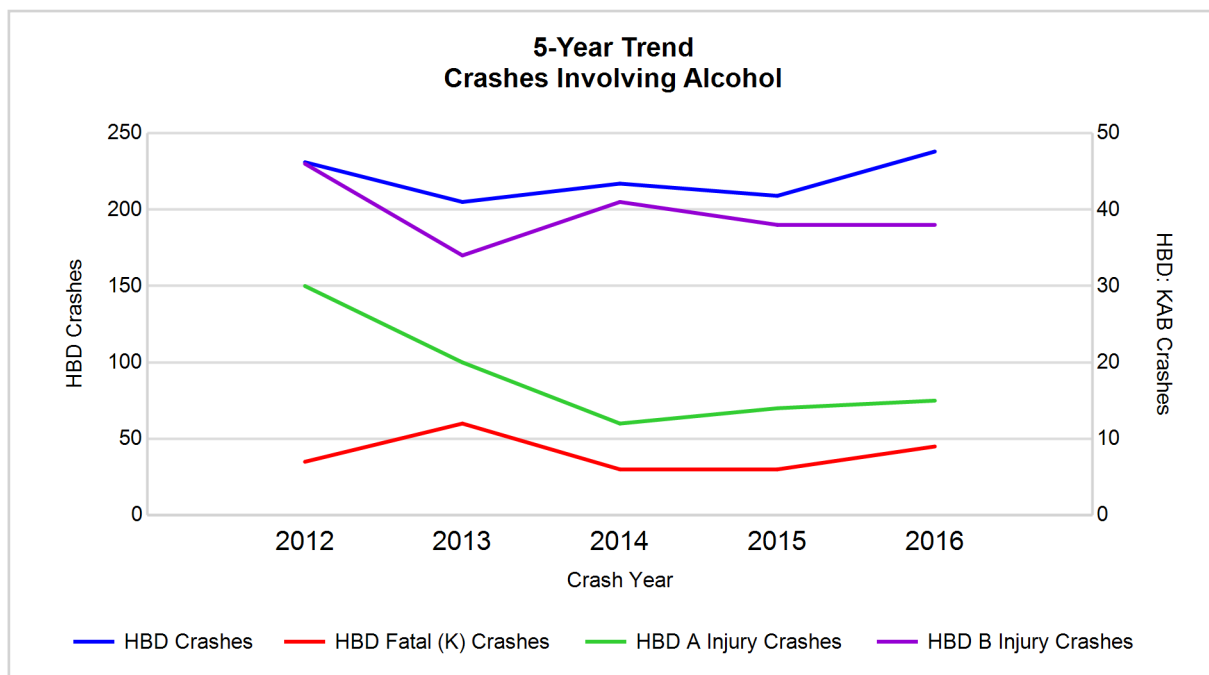
Note: Had-Been-Drinking (HBD)

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
2012	6,866	39	0.6	18	2	11.1	155	4	2.6	314	7	2.2
2013	7,311	52	0.7	33	7	21.2	147	8	5.4	284	7	2.5
2014	7,088	37	0.5	23	5	21.7	116	4	3.4	294	4	1.4
2015	6,752	40	0.6	23	4	17.4	123	3	2.4	282	4	1.4
2016	7,158	56**	0.8**	28	7	25.0**	130	6	4.6	309	6	1.9

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
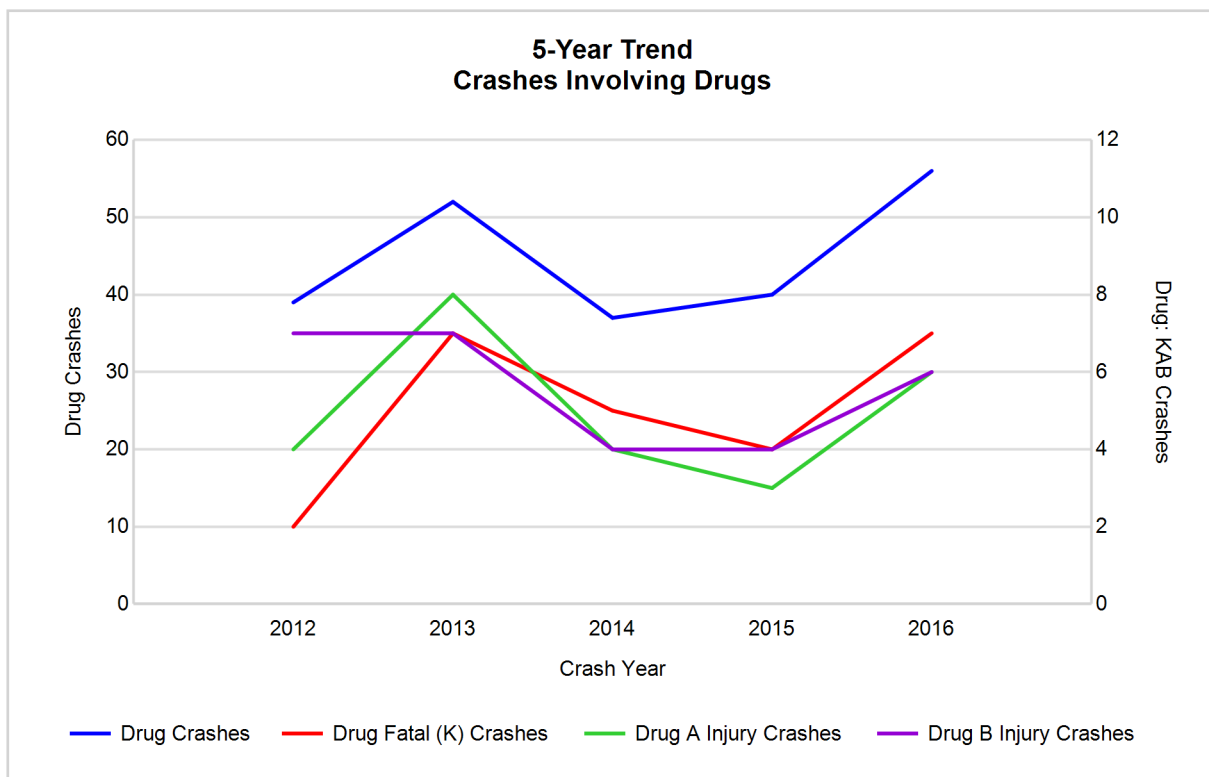

**5-Year Trend
Crashes Involving Drugs**

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
2012	6,866	254	3.7	18	8	44.4	155	31	20.0	314	51	16.2
2013	7,311	236	3.2	33	14	42.4	147	26	17.7	284	38	13.4
2014	7,088	239	3.4	23	9	39.1	116	14	12.1	294	44	15.0
2015	6,752	233	3.5	23	8	34.8	123	15	12.2	282	41	14.5
2016	7,158	272**	3.8**	28	14	50.0**	130	19	14.6	309	41	13.3*

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
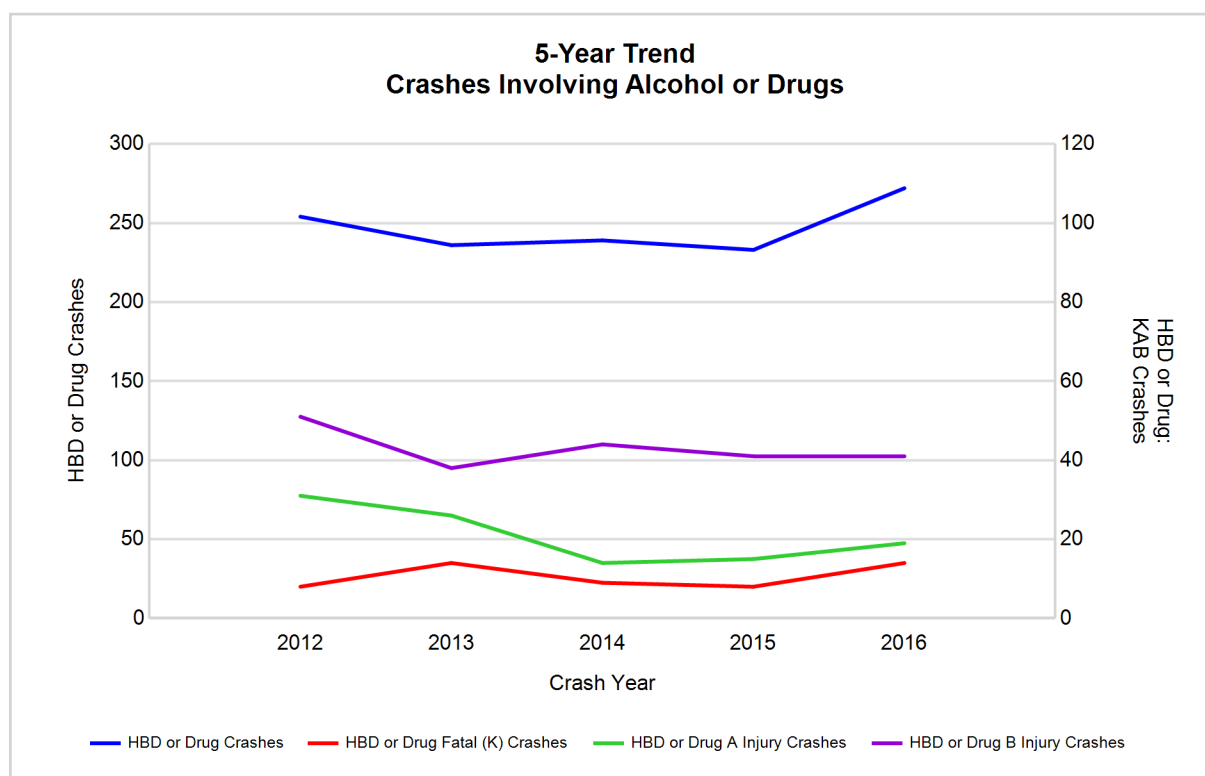

5-Year Trend
Crashes Involving Alcohol or Drugs

Legend: — HBD or Drug Crashes   — HBD or Drug Fatal (K) Crashes   — HBD or Drug A Injury Crashes   — HBD or Drug B Injury Crashes

Note: Had-Been-Drinking (HBD)

2016 - 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	6,331	6,053	95.6	12	8	66.7	73	63	86.3	220	193	87.7	557	535	96.1	5,329	5,236	98.3
Motor home	180	168	93.3	0	0	0.0	0	0	0.0	6	3	50.0	12	11	91.7	157	154	98.1
Pickup truck	2,303	2,173	94.4	4	0	0.0	22	15	68.2	73	62	84.9	149	138	92.6	1,998	1,954	97.8
Small truck under 10,000 lbs. GVWR	237	228	96.2	1	1	100.0	2	2	100.0	2	2	100.0	18	18	100.0	209	205	98.1
Motorcycle	104	69	66.3	6	2	33.3	22	14	63.6	30	20	66.7	17	15	88.2	29	18	62.1
Moped / goped	13	5	38.5	1	0	0.0	1	0	0.0	6	4	66.7	3	1	33.3	2	0	0.0
Go-cart / golf cart	3	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0	2	0	0.0
Snowmobile	21	17	81.0	1	1	100.0	6	4	66.7	4	3	75.0	6	5	83.3	4	4	100.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	51	26	51.0	3	1	33.3	16	8	50.0	19	10	52.6	8	6	75.0	5	1	20.0
Other	49	32	65.3	1	0	0.0	1	0	0.0	3	1	33.3	3	3	100.0	39	28	71.8
Truck/bus over 10,000 lbs.	166	146	88.0	1	1	100.0	2	1	50.0	6	3	50.0	6	3	50.0	147	138	93.9
Unknown	74	3	4.1	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	3	2	66.7
Total	9,532	8,920	93.6	30	14	46.7	146	107	73.3	369	301	81.6	780	736	94.4	7,924	7,740	97.7

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.

2016 - 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	87	71	81.6	0	0	0.0	9	8	88.9	23	15	65.2	46	41	89.1	9	7	77.8
16 - 20	1,104	1,059	95.9	4	3	75.0	16	12	75.0	71	56	78.9	123	113	91.9	890	875	98.3
21 - 24	714	679	95.1	1	1	100.0	9	7	77.8	38	32	84.2	70	60	85.7	592	577	97.5
25 - 64	5,876	5,655	96.2	21	8	38.1	90	63	70.0	183	147	80.3	410	392	95.6	5,149	5,027	97.6
65 +	1,492	1,455	97.5	4	2	50.0	21	17	81.0	54	51	94.4	130	129	99.2	1,279	1,254	98.0
Unknown	259	1	0.4	0	0	0.0	1	0	0.0	0	0	0.0	1	1	100.0	5	0	0.0
Total	9,532	8,920	93.6	30	14	46.7	146	107	73.3	369	301	81.6	780	736	94.4	7,924	7,740	97.7

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	2012			2013			2014			2015			2016		
	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	96	0	17	49	0	14	57	0	8	37	0	2	34	0	5
Shoulder belt only used	9	0	3	7	0	1	14	0	7	9	0	2	43	0	8
Lap belt only used	19	0	3	25	0	4	18	0	1	22	0	3	17	0	5
Both lap & shoulder belts used	7,838	6	663	8,366	8	685	8,245	9	664	7,912	4	722	8,448	8	758
No belts used	75	4	39	78	6	34	76	2	35	70	5	30	77	3	34
Child restraint used	1	0	0	1	0	0	1	0	0	0	0	0	6	0	0
Child restraint not used, unavailable or improper use	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Restraint failure	3	0	1	3	0	0	1	0	0	0	0	0	5	0	0
Restraint use unknown	193	0	21	208	1	22	222	1	27	231	3	25	273	1	17
Helmet worn	123	1	94	113	6	76	121	5	85	92	2	63	107	4	81
Helmet not worn	30	2	24	43	8	32	31	1	21	39	3	28	40	4	27
Helmet use unknown	7	1	5	6	1	3	4	0	1	6	0	4	17	3	7
Uncoded & errors	147	0	4	159	0	0	179	0	2	154	0	0	105	0	0
Total	**8,541**	**14**	**874**	**9,058**	**30**	**871**	**8,969**	**18**	**851**	**8,573**	**17**	**880**	**9,172**	**23**	**942**

5-Year Trend - Restraint Use Among Drivers Coded Drinking

Restraint Use	2012			2013			2014			2015			2016		
	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	3	0	2	0	0	0	1	0	0	0	0	0
Shoulder belt only used	2	0	2	0	0	0	1	0	1	1	0	0	1	0	1
Lap belt only used	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Both lap & shoulder belts used	147	1	49	135	1	39	147	2	38	144	0	51	166	1	48
No belts used	25	3	17	15	3	7	18	1	13	18	2	9	15	1	9
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	35	0	12	27	0	7	39	0	16	35	1	12	34	0	8
Helmet worn	12	1	9	8	3	5	7	2	5	3	2	1	9	2	6
Helmet not worn	4	0	4	14	4	9	5	0	5	4	0	4	7	2	4
Helmet use unknown	2	0	2	0	0	0	0	0	0	0	0	0	1	1	0
Uncoded & errors	4	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Total	**232**	**5**	**95**	**202**	**11**	**69**	**218**	**5**	**78**	**206**	**5**	**77**	**234**	**7**	**77**

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

Age Group	2012			2013			2014			2015			2016		
	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	2	2	0	1	1	0	0	4	0	1	1	0	0
16 - 20	26	0	9	20	0	9	18	0	6	16	0	5	18	0	10
21 - 24	14	2	4	14	1	3	14	0	5	11	0	5	15	0	7
25 - 64	102	2	33	78	5	30	83	1	26	64	3	19	58	2	17
65 +	25	0	8	11	0	5	16	1	6	12	2	2	17	1	4
Unknown	1	0	0	2	0	0	1	0	0	0	0	0	2	0	1
Total	**171**	**4**	**56**	**127**	**6**	**48**	**133**	**2**	**43**	**107**	**5**	**32**	**111**	**3**	**39**

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

**5-Year Trend
Driver Seatbelt Not Used**

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2012	3	26	14	102	25	1	171
2013	2	20	14	78	11	2	127
2014	1	18	14	83	16	1	133
2015	4	16	11	64	12	0	107
2016	1	18	15	58	17	2	111
Average	2	20	14	77	16	1	130

Northeast Prosperity Region (continued)
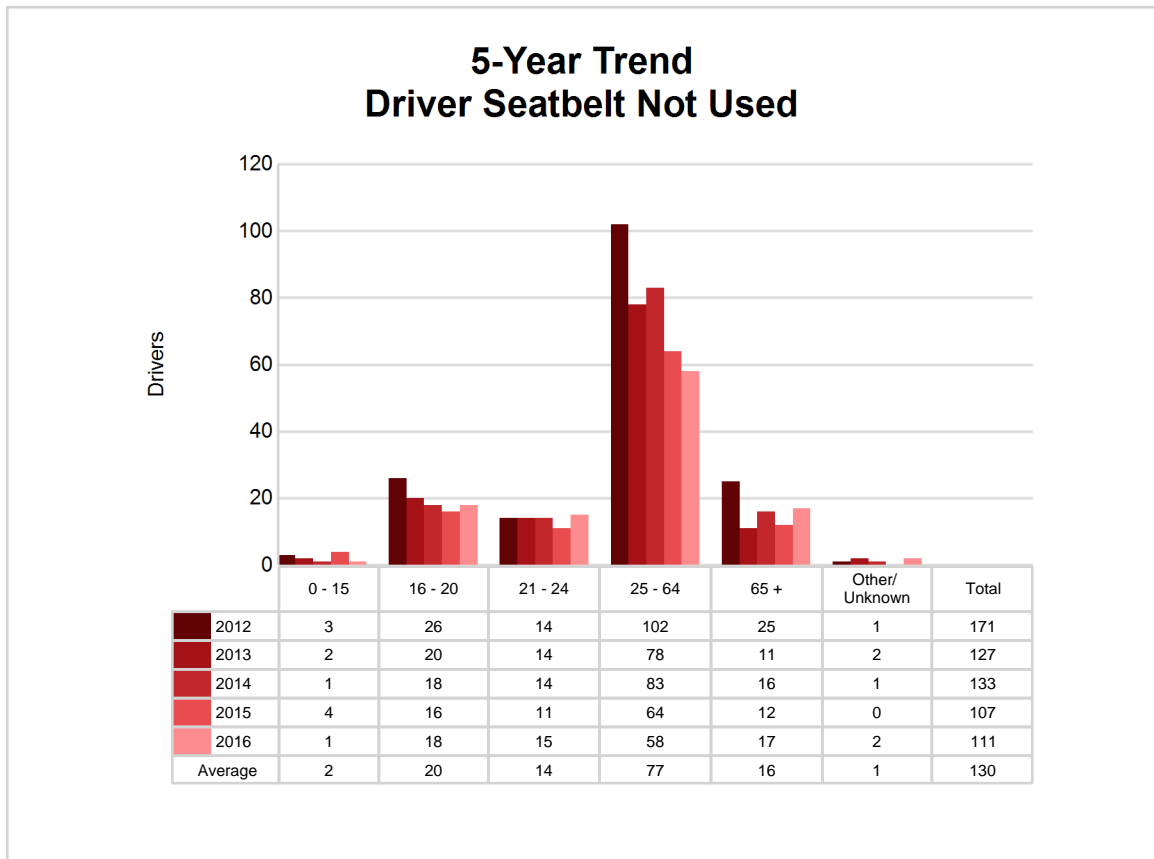
5-Year Trend - Seatbelt Used Among Drivers by Age

| Age Group	2012			2013			2014			2015			2016		
	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	13	0	0	13	0	3	12	0	1	14	0	2	7	0	2
16 - 20	895	0	103	934	1	97	838	1	88	895	0	115	1,004	3	128
21 - 24	584	0	72	639	1	69	632	0	58	592	0	62	649	1	69
25 - 64	5,216	3	391	5,550	4	399	5,483	5	398	5,115	3	417	5,468	2	438
65 +	1,159	3	104	1,262	2	122	1,310	3	126	1,323	1	130	1,385	2	134
Unknown	2	0	0	3	0	0	3	0	1	4	0	1	0	0	0
Total	**7,869**	**6**	**670**	**8,401**	**8**	**690**	**8,278**	**9**	**672**	**7,943**	**4**	**727**	**8,513**	**8**	**771**

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

5-Year Trend
Driver Seatbelt Used

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Other/ Unknown	Total
2012	13	895	584	5,216	1,159	2	7,869
2013	13	934	639	5,550	1,262	3	8,401
2014	12	838	632	5,483	1,310	3	8,278
2015	14	895	592	5,115	1,323	4	7,943
2016	7	1,004	649	5,468	1,385	0	8,513
Average	12	913	619	5,366	1,288	2	8,201

Northeast Prosperity Region (continued)
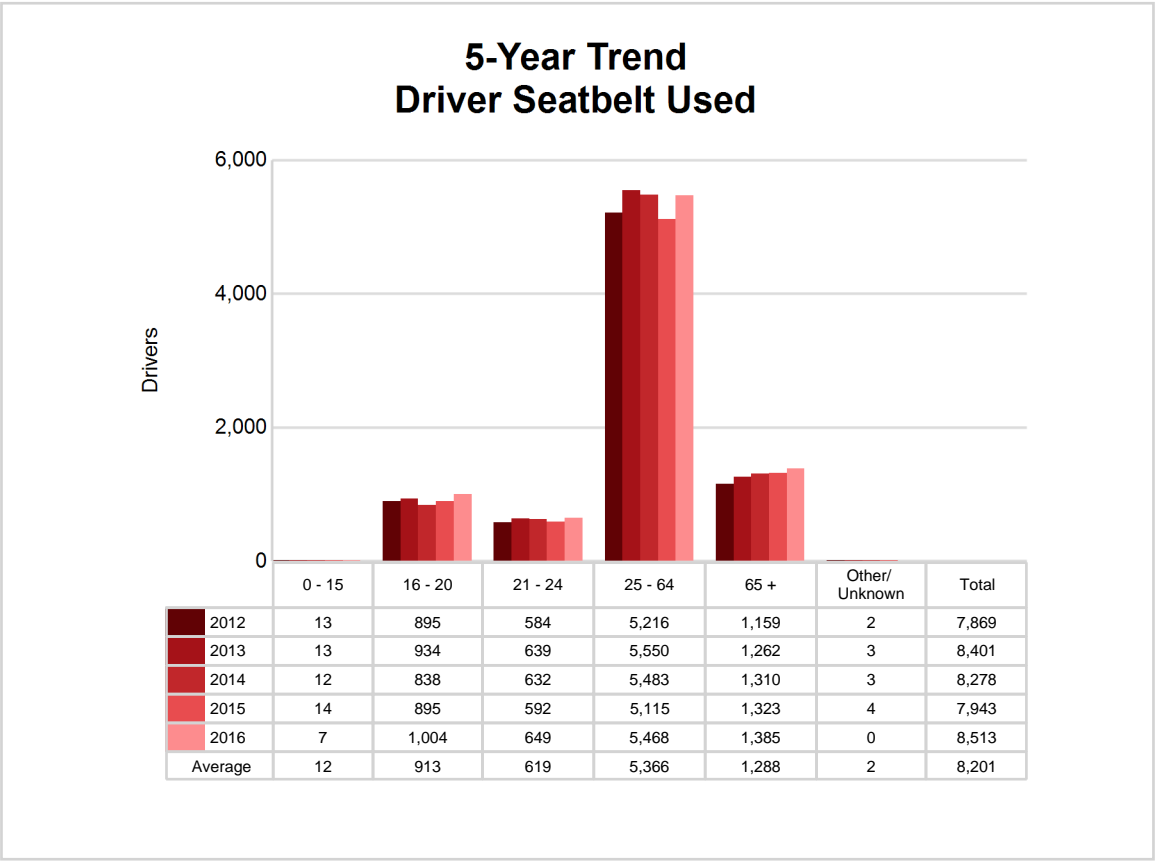
5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2012		2013		2014		2015		2016	
	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	5,310	8	5,603	15	5,440	11	5,337	9	5,595	11
Speed too fast	1,140	4	1,351	12	1,280	12	968	11	1,202	13
Speed too slow	11	0	10	0	14	0	8	0	9	0
Failed to yield	451	1	479	5	538	2	542	2	558	2
Disregard traffic control	80	1	88	1	104	3	102	0	79	1
Drove wrong way	4	0	12	0	5	0	4	0	6	0
Drove left of center	37	0	25	0	32	1	35	2	49	0
Improper passing	40	1	31	0	38	1	41	0	39	0
Improper lane use	50	0	49	0	71	1	78	0	81	0
Improper turn	50	1	52	0	71	0	56	0	62	1
Improper/no signal	14	0	13	0	16	0	14	0	17	0
Improper backing	128	0	143	0	137	0	128	0	117	0
Unable to stop in assured clear distance	498	0	510	0	490	1	527	0	518	0
Other	229	1	197	2	248	0	246	5	306	4
Unknown	120	4	141	5	146	1	127	1	175	3
Reckless driving	48	1	35	1	35	0	53	0	42	0
Careless/negligent driving	261	3	268	1	271	0	262	1	263	2
Uncoded & errors	70	0	51	0	33	0	45	0	54	0
Total	**8,541**	**25**	**9,058**	**42**	**8,969**	**33**	**8,573**	**31**	**9,172**	**37**

Northeast Prosperity Region (continued)
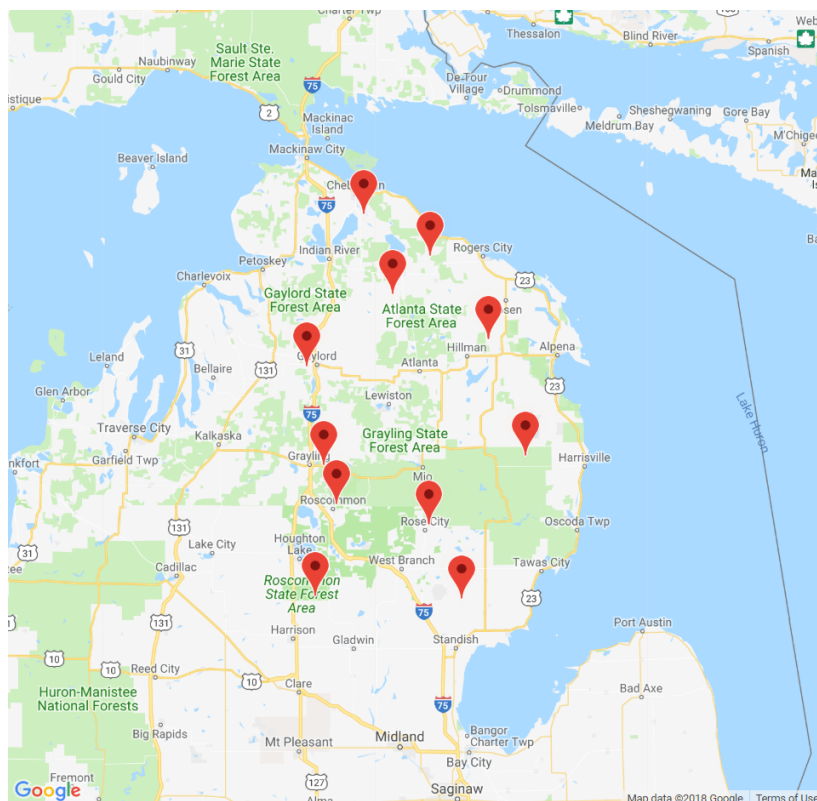
The picture above represents all 2016 alcohol-involved fatal crashes in Northeast Prosperity Region.

In 2016, there were 238 alcohol-involved crashes in Northeast Prosperity Region:

9	K - Fatal Crashes
15	A - Suspected Serious Injury Crashes
38	B - Suspected Minor Injury Crashes
44	C - Possible Injury Crashes
132	O - Property Damage Only/No Injury Crashes

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