



2017

**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)

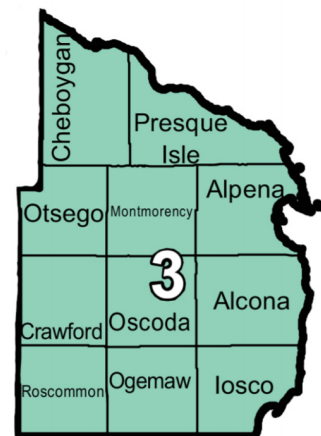


## Governor's Prosperity Region - Northeast Prosperity Region

### 2017 Traffic Crash Data & 2013-2017 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



### 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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## Northeast Prosperity Region Experience

The 2017\* comprehensive cost of traffic crashes was **\$1,135,000,000.** \*\* Fatalities cost \$350,000,000, injuries cost \$465,000,000, and 'Property Damage Only' crashes cost \$320,000,000.

In 2017:

There were 9,627 drivers involved in 7,712 motor vehicle crashes in Northeast Prosperity Region. Of those crashes, 31 were classified as fatal, resulting in 34 fatalities. An additional 1,339 persons were injured.

Northeast Prosperity Region experienced the highest number of motor vehicle crashes (969) in December, the highest number of fatal crashes (4) in July, October, and November, and the highest number of persons killed (5) in October.

Michigan driver statistics indicate 5.1 percent of licensed drivers in Northeast Prosperity Region were age 16-20, and 10.0 percent of drivers in crashes were also in that age group.

\* 2017 National Safety Council data for average costs of motor vehicle crashes are not yet available. This report uses the previous year's National Safety Council data.

\*\* 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.

## 2017 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	599	2	76	521	3	119
February	605	2	82	521	2	109
March	529	3	52	474	3	80
April	398	3	59	336	3	90
May	499	2	70	427	2	89
June	609	2	81	526	2	102
July	633	4	97	532	4	131
August	504	1	90	413	1	137
September	650	2	91	557	3	128
October	802	4	83	715	5	109
November	915	4	80	831	4	103
December	969	2	112	855	2	142
<b>Total</b>	<b>7,712</b>	<b>31</b>	<b>973</b>	<b>6,708</b>	<b>34</b>	<b>1,339</b>

## 2017 - Driver Statistics

Age Group	Northeast Prosperity Region			Driver Rates	
	2017 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	30,867	961	21	6.8	218.5
16 - 20	9,943	8,334	967	972.5	1,160.3
21 - 24	7,573	7,324	774	1,022.1	1,056.8
25 - 64	99,778	95,919	6,150	616.4	641.2
65 +	54,832	52,079	1,485	270.8	285.1
Unknown	0	0	230	- -	- -
<b>Total</b>	<b>202,993</b>	<b>164,617</b>	<b>9,627</b>	<b>474.3</b>	<b>584.8</b>

## 2017 - 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	6,693	69.5	22	50.0	936	5,735
Motor home	65	0.7	0	0.0	6	59
Pickup truck	2,306	24.0	9	20.5	290	2,007
Small truck under 10,000 lbs. GVWR	134	1.4	1	2.3	13	120
Motorcycle	76	0.8	3	6.8	53	20
Moped / goped	11	0.1	0	0.0	9	2
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	26	0.3	1	2.3	21	4
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	63	0.7	4	9.1	46	13
Other	32	0.3	2	4.5	7	23
Truck/bus over 10,000 lbs.	150	1.6	2	4.5	34	114
Unknown	71	0.7	0	0.0	3	68
<b>Total</b>	<b>9,627</b>	<b>100.0</b>	<b>44</b>	<b>100.0</b>	<b>1,418</b>	<b>8,165</b>

# Northeast Prosperity Region (continued)

## 5-Year Trend - Crashes by Month

Month	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	683	0	702	3	666	1	592	2	599	2
February	567	5	507	2	458	0	542	2	605	2
March	486	2	618	0	431	0	447	0	529	3
April	489	1	464	2	406	0	452	2	398	3
May	458	3	475	6	478	3	484	4	499	2
June	611	4	581	1	652	2	658	2	609	2
July	554	3	560	1	591	5	573	5	633	4
August	471	4	442	0	500	3	536	1	504	1
September	537	6	417	3	495	4	503	4	650	2
October	673	2	640	2	684	1	588	3	802	4
November	923	2	1,036	3	901	2	942	1	915	4
December	859	1	646	0	490	2	841	2	969	2
<b>Total</b>	<b>7,311</b>	<b>33</b>	<b>7,088</b>	<b>23</b>	<b>6,752</b>	<b>23</b>	<b>7,158</b>	<b>28</b>	<b>7,712</b>	<b>31</b>

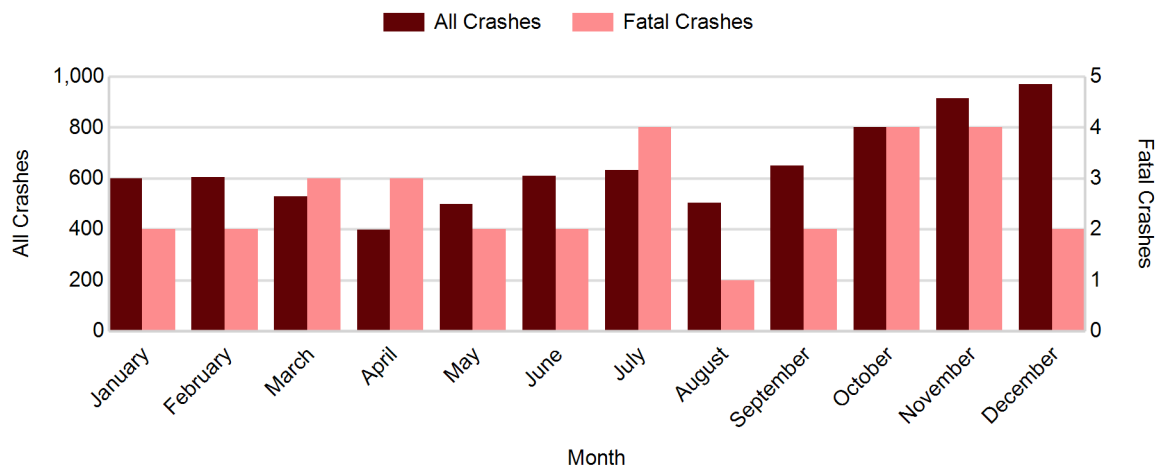
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

## 5-Year Trend - Crashes by Day of Week

Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	1,000	5	956	5	946	3	1,027	2	1,067	6
Tuesday	1,020	4	976	0	903	3	966	2	1,098	1
Wednesday	1,028	4	985	5	1,006	3	1,105	4	1,024	2
Thursday	1,126	2	1,072	2	949	2	1,028	4	1,123	6
Friday	1,217 †	4	1,201 †	1	1,106 †	7	1,138 †	5	1,271 †	3
Saturday	1,075	8	953	5	974	3	975	8	1,147	8
Sunday	845	6	945	5	868	2	919	3	982	5
<b>Total</b>	<b>7,311</b>	<b>33</b>	<b>7,088</b>	<b>23</b>	<b>6,752</b>	<b>23</b>	<b>7,158</b>	<b>28</b>	<b>7,712</b>	<b>31</b>

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

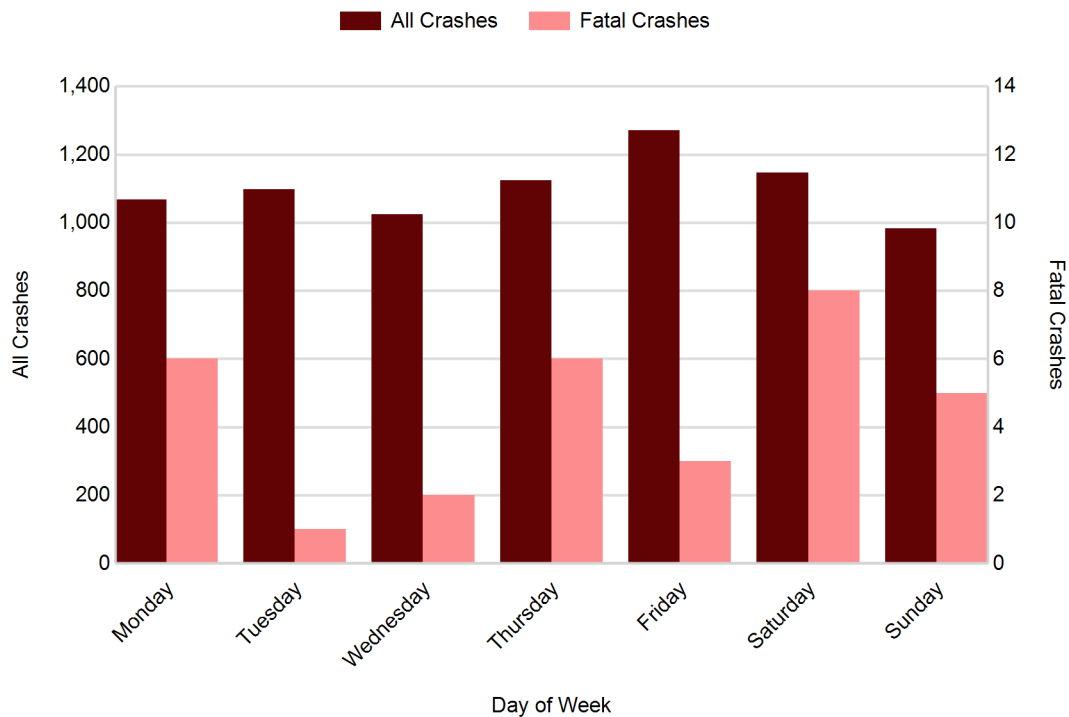
## 2017 Crashes by Month



2017 - 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	1,067	13.8	6	19.4	16	45	68	932
Tuesday	1,098	14.2	1	3.2	24	44	61	968
Wednesday	1,024	13.3	2	6.5	12	39	72	899
Thursday	1,123	14.6	6	19.4	14	46	73	984
Friday	1,271	16.5	3	9.7	21	60	76	1,111
Saturday	1,147	14.9	8	25.8	39	64	65	971
Sunday	982	12.7	5	16.1	28	50	56	843
<b>Total</b>	<b>7,712</b>	<b>100.0</b>	<b>31</b>	<b>100.0</b>	<b>154</b>	<b>348</b>	<b>471</b>	<b>6,708</b>

2017 Day of Week and Severity

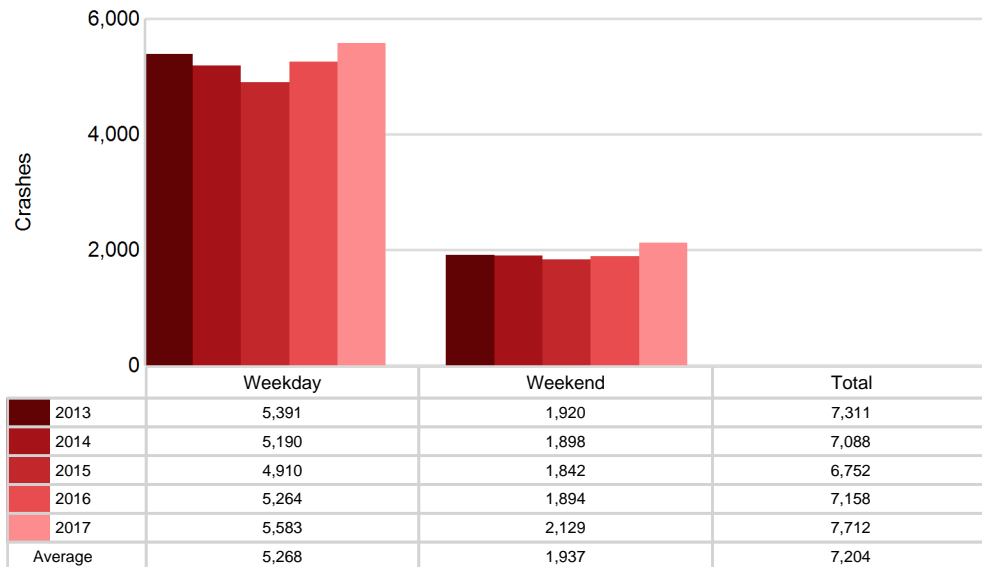


## Northeast Prosperity Region (continued)

### 5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	5,391	19	5,190	13	4,910	18	5,264	17	5,583	18
Weekend	1,920	14	1,898	10	1,842	5	1,894	11	2,129	13
<b>Total</b>	<b>7,311</b>	<b>33</b>	<b>7,088</b>	<b>23</b>	<b>6,752</b>	<b>23</b>	<b>7,158</b>	<b>28</b>	<b>7,712</b>	<b>31</b>

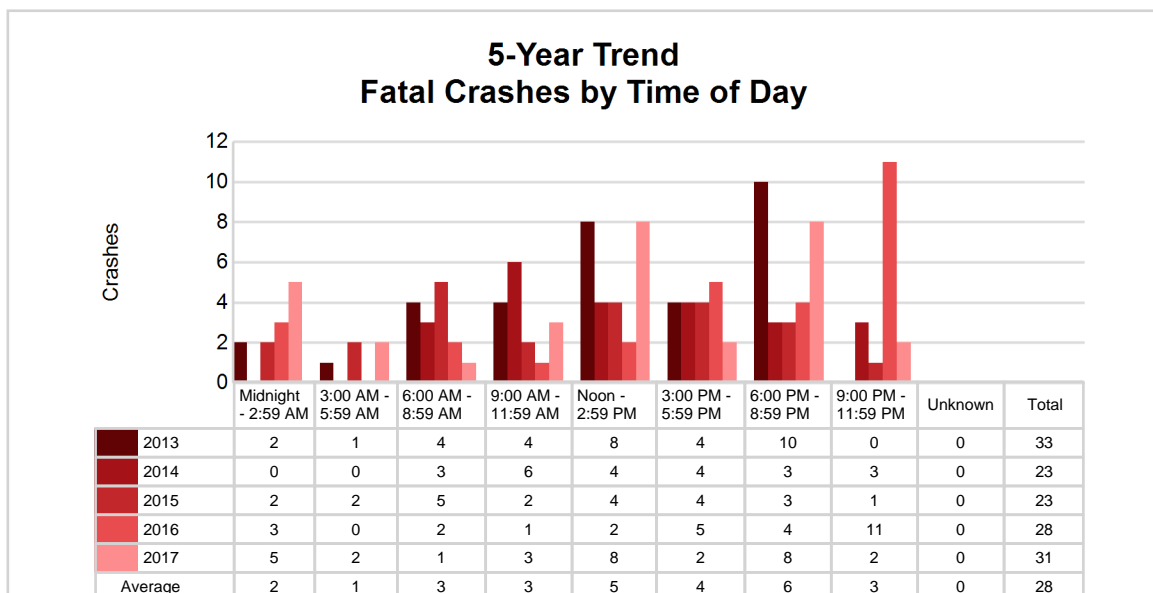
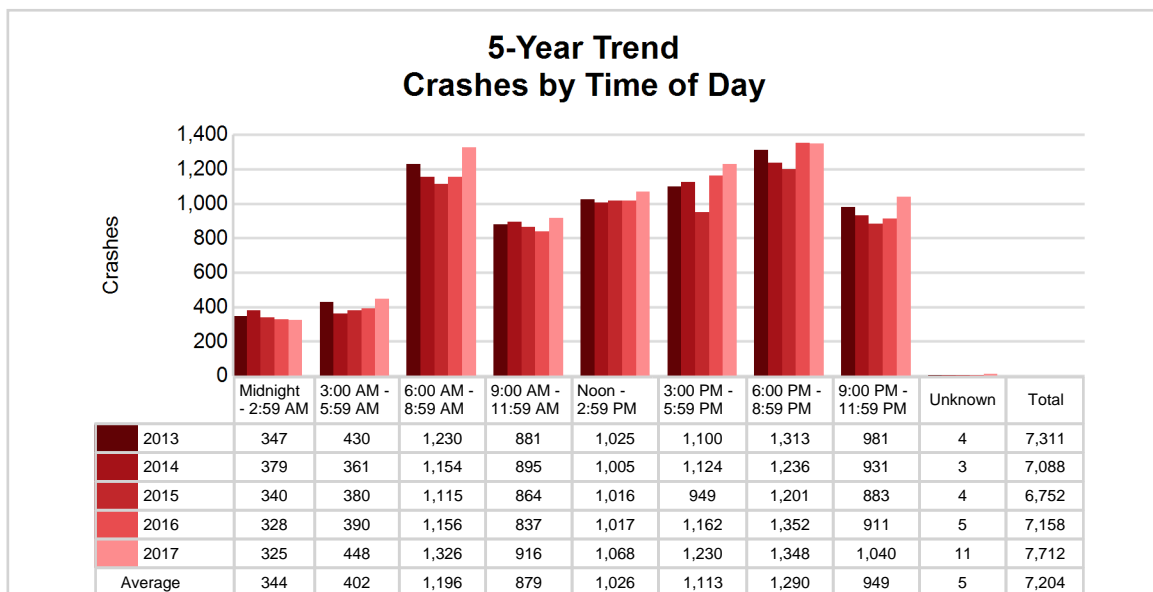
### 5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



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

Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	347	2	379	0	340	2	328	3	325	5
3:00 AM - 5:59 AM	430	1	361	0	380	2	390	0	448	2
6:00 AM - 8:59 AM	1,230	4	1,154	3	1,115	5	1,156	2	1,326	1
9:00 AM - 11:59 AM	881	4	895	6	864	2	837	1	916	3
Noon - 2:59 PM	1,025	8	1,005	4	1,016	4	1,017	2	1,068	8
3:00 PM - 5:59 PM	1,100	4	1,124	4	949	4	1,162	5	1,230	2
6:00 PM - 8:59 PM	1,313 †	10	1,236 †	3	1,201 †	3	1,352 †	4	1,348 †	8
9:00 PM - 11:59 PM	981	0	931	3	883	1	911	11	1,040	2
Unknown	4	0	3	0	4	0	5	0	11	0
<b>Total</b>	<b>7,311</b>	<b>33</b>	<b>7,088</b>	<b>23</b>	<b>6,752</b>	<b>23</b>	<b>7,158</b>	<b>28</b>	<b>7,712</b>	<b>31</b>

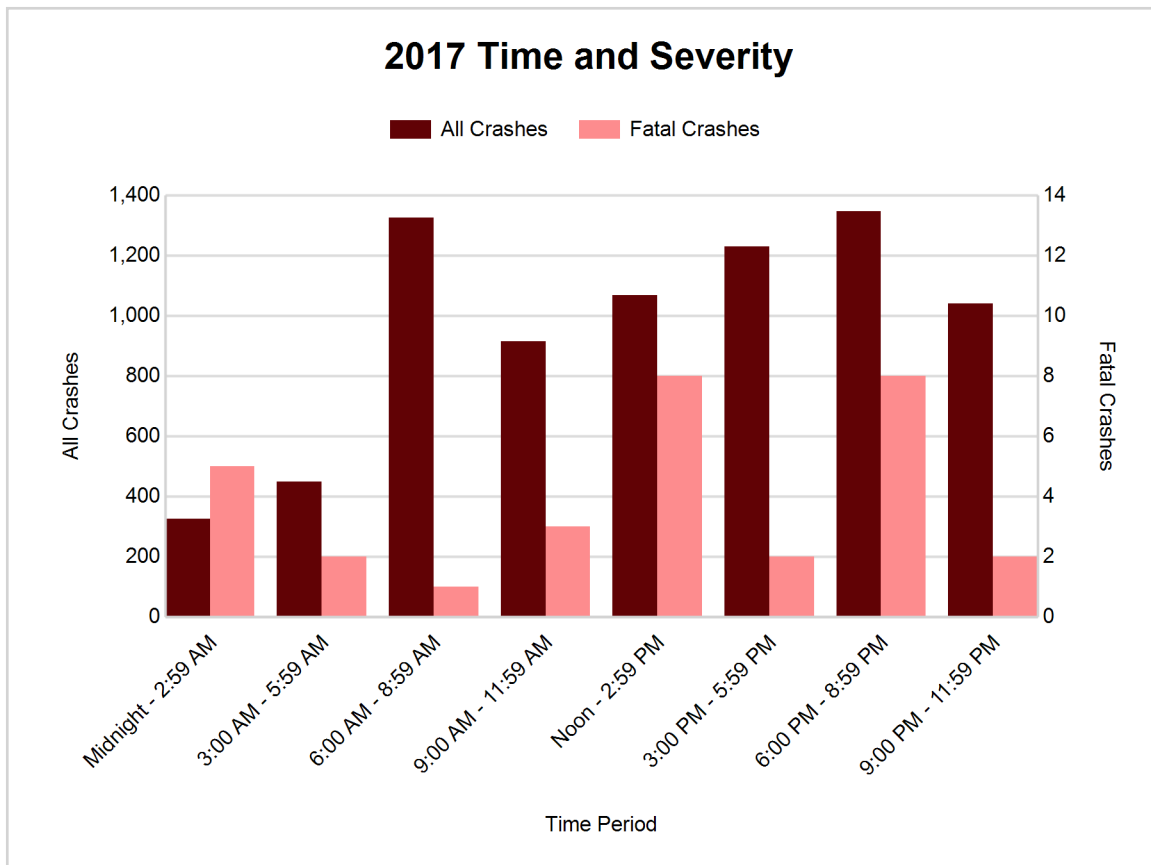
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period



# Northeast Prosperity Region (continued)

## 2017 - 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	325	4.2	5	16.1	7	21	17	275
3:00 AM - 5:59 AM	448	5.8	2	6.5	5	7	10	424
6:00 AM - 8:59 AM	1,326	17.2	1	3.2	11	30	57	1,227
9:00 AM - 11:59 AM	916	11.9	3	9.7	22	51	66	774
Noon - 2:59 PM	1,068	13.8	8	25.8	36	62	101	861
3:00 PM - 5:59 PM	1,230	15.9	2	6.5	36	87	122	983
6:00 PM - 8:59 PM	1,348	17.5	8	25.8	23	48	59	1,210
9:00 PM - 11:59 PM	1,040	13.5	2	6.5	13	42	37	946
Unknown	11	0.1	0	0.0	1	0	2	8
<b>Total</b>	<b>7,712</b>	<b>100.0</b>	<b>31</b>	<b>100.0</b>	<b>154</b>	<b>348</b>	<b>471</b>	<b>6,708</b>

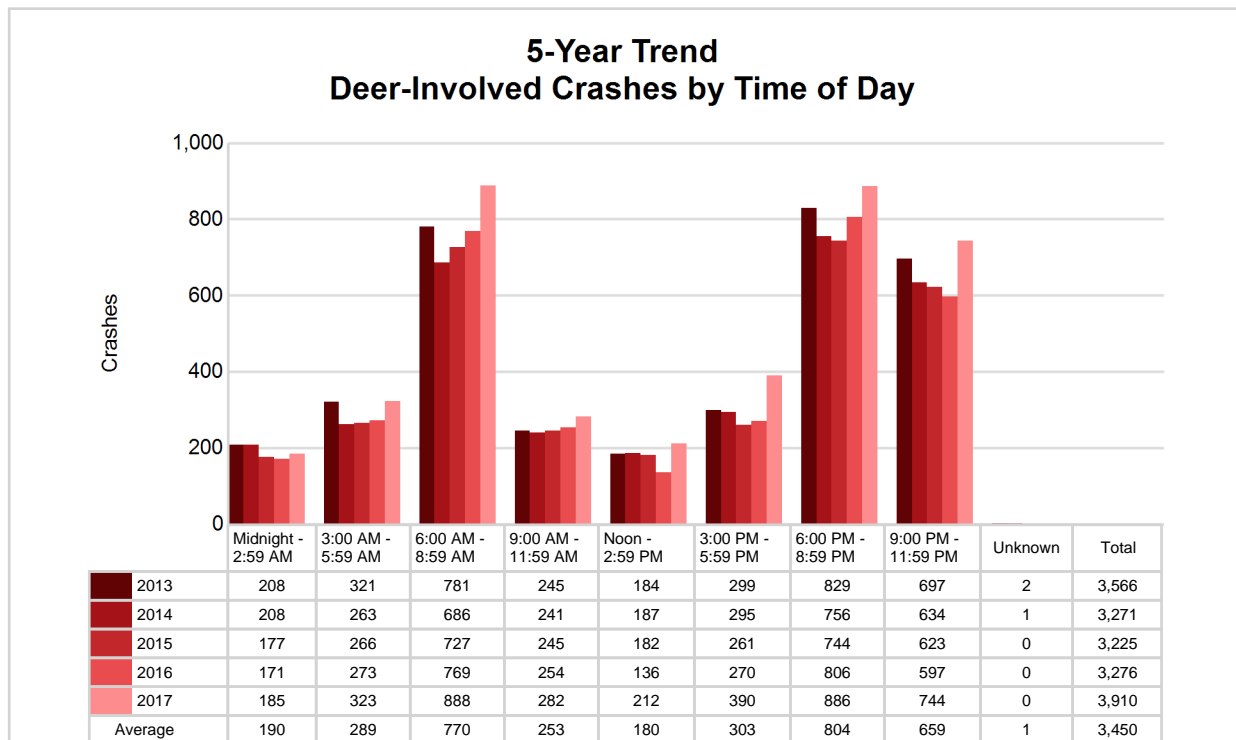




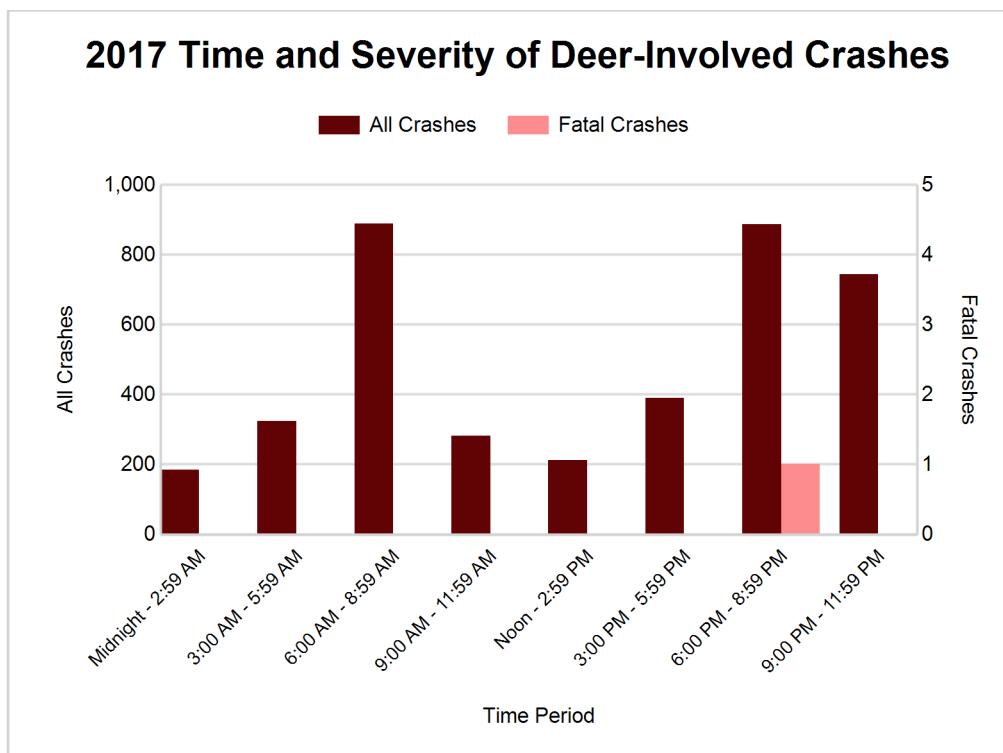
## 5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	208	0	208	0	177	0	171	1	185	0
3:00 AM - 5:59 AM	321	0	263	0	266	0	273	0	323	0
6:00 AM - 8:59 AM	781	0	686	0	727	1	769	0	888	0
9:00 AM - 11:59 AM	245	0	241	0	245	0	254	0	282	0
Noon - 2:59 PM	184	0	187	0	182	0	136	0	212	0
3:00 PM - 5:59 PM	299	0	295	0	261	0	270	0	390	0
6:00 PM - 8:59 PM	829	0	756	0	744	0	806	0	886	1
9:00 PM - 11:59 PM	697	0	634	0	623	0	597	1	744	0
Unknown	2	0	1	0	0	0	0	0	0	0
<b>Total</b>	<b>3,566</b>	<b>0</b>	<b>3,271</b>	<b>0</b>	<b>3,225</b>	<b>1</b>	<b>3,276</b>	<b>2</b>	<b>3,910</b>	<b>1</b>

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



## Northeast Prosperity Region (continued)



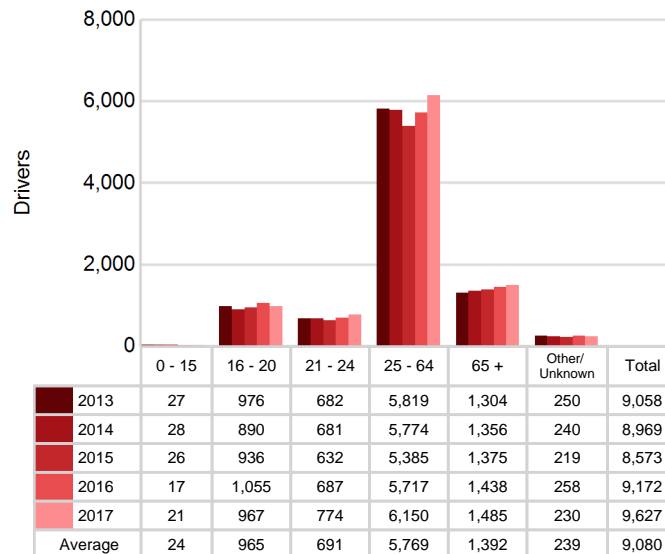
### 2017 - Reported Motor Vehicle Crashes by County

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	676	2	58	616	0	120	145	409	19	1	517	2	85
Alpena	861	3	123	735	0	175	196	485	34	13	350	3	166
Cheboygan	1,125	3	147	975	274	68	251	528	29	6	555	3	199
Crawford	602	4	77	521	154	34	165	245	25	7	301	4	110
Iosco	574	3	102	469	0	162	136	276	31	5	220	3	151
Montmorency	381	1	31	349	0	0	180	200	15	1	246	1	35
Ogemaw	850	5	112	733	161	0	256	430	30	8	442	5	147
Oscoda	287	1	29	257	0	0	147	139	3	2	169	2	41
Otsego	967	5	147	815	224	0	281	455	38	12	318	7	206
Presque Isle	649	1	34	614	0	120	225	304	17	2	504	1	48
Roscommon	740	3	113	624	101	102	218	310	30	7	288	3	151
<b>Total</b>	<b>7,712</b>	<b>31</b>	<b>973</b>	<b>6,708</b>	<b>914</b>	<b>781</b>	<b>2,200</b>	<b>3,781</b>	<b>271</b>	<b>64</b>	<b>3,910</b>	<b>34</b>	<b>1,339</b>

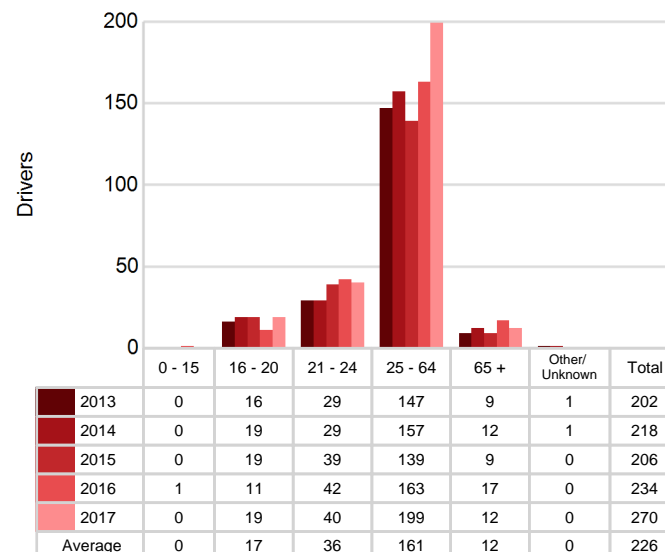
## 5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2013		2014		2015		2016		2017	
	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	27	0	28	0	26	0	17	1	21	0
16 - 20	976	16	890	19	936	19	1,055	11	967	19
21 - 24	682	29	681	29	632	39	687	42	774	40
25 - 64	5,819	147	5,774	157	5,385	139	5,717	163	6,150	199
65 +	1,304	9	1,356	12	1,375	9	1,438	17	1,485	12
Unknown	250	1	240	1	219	0	258	0	230	0
<b>Total</b>	<b>9,058</b>	<b>202</b>	<b>8,969</b>	<b>218</b>	<b>8,573</b>	<b>206</b>	<b>9,172</b>	<b>234</b>	<b>9,627</b>	<b>270</b>

**5-Year Trend  
Total Drivers in Crashes by Age**



**5-Year Trend  
Total Drivers Coded Drinking by Age**



# Northeast Prosperity Region (continued)

## 2017 - 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	0	0	0	0	0	0	0	0
16 - 20	21	21	12	19	2	1	3	1	12
21 - 24	45	47	35	40	0	5	15	6	14
25 - 64	227	207	161	199	1	19	57	49	73
65 +	17	18	10	12	0	1	4	2	5
Unknown	11	0	0	0	0	0	0	0	0
<b>Total</b>	<b>322</b>	<b>293</b>	<b>218</b>	<b>270</b>	<b>3</b>	<b>26</b>	<b>79</b>	<b>58</b>	<b>104</b>

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 2017, there were 322 drivers in alcohol-involved crashes; 270 (83.9%) of those drivers were coded as had-been-drinking by the officer on the crash form.

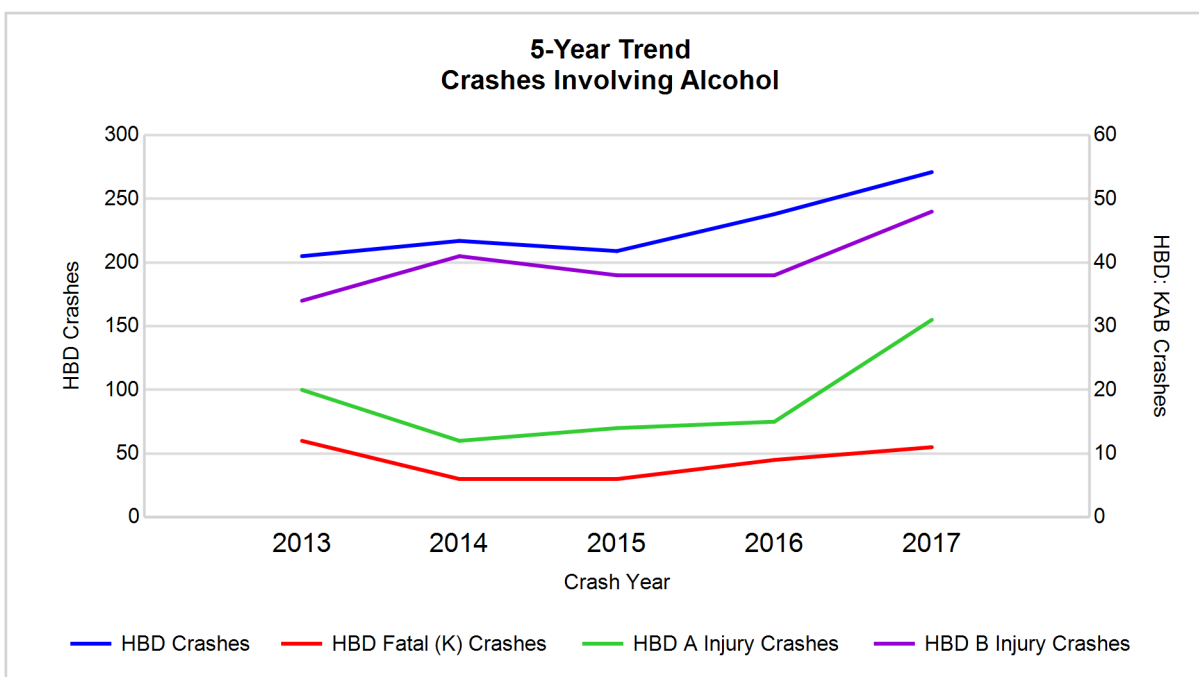
- 137 (50.7%) of the 270 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 58 (42.3%) of the 137 drivers had a BAC at or above 0.17 g/dL.
- 218 (80.7%) of the 270 drivers were coded as had-been-drinking and were tested for alcohol consumption.

## 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
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
2017	7,712**	271**	3.5**	31	11	35.5	154**	31**	20.1**	348**	48**	13.8

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



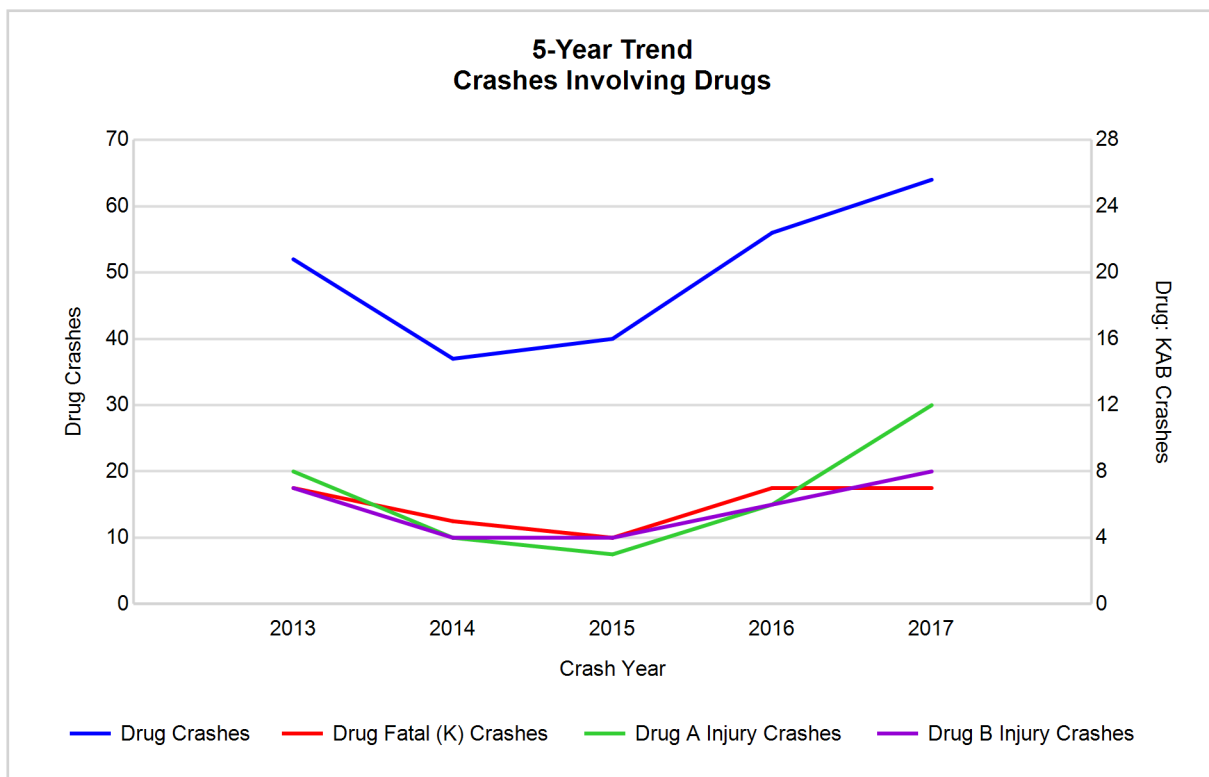
Note: Had-Been-Drinking (HBD)

## 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
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
2017	7,712**	64**	0.8	31	7	22.6	154**	12**	7.8**	348**	8**	2.3

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



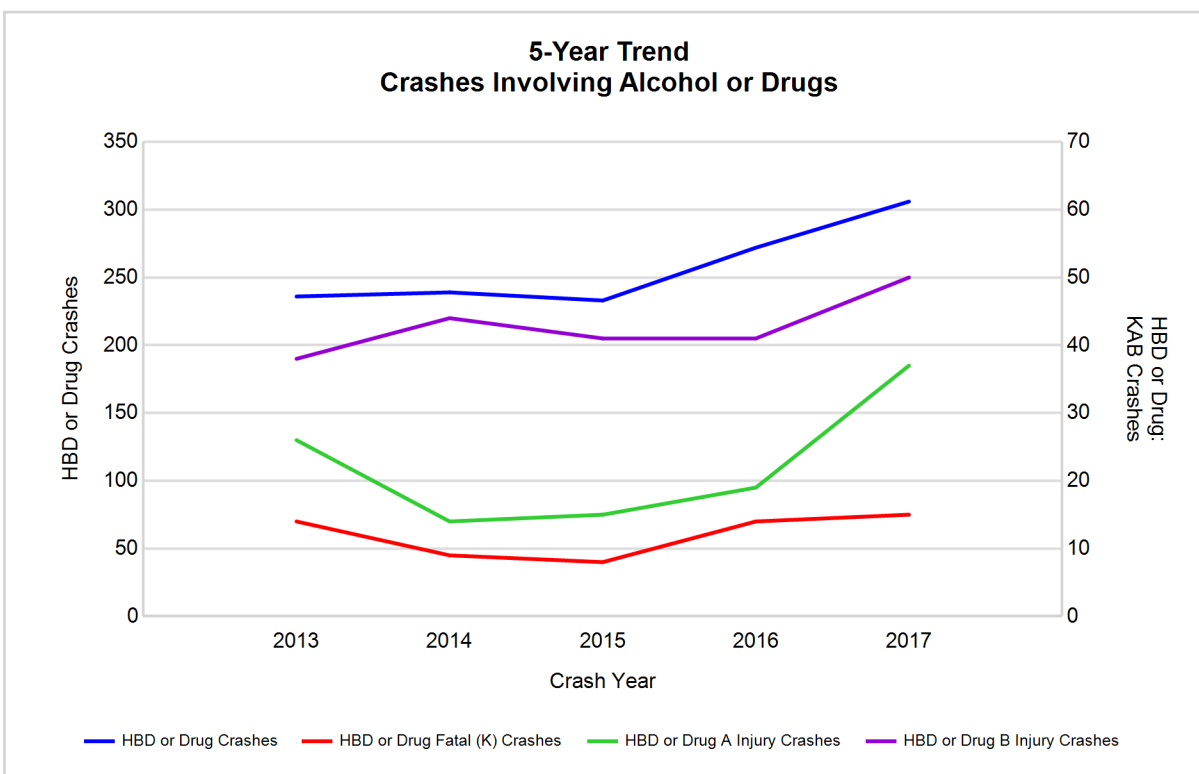
# Northeast Prosperity Region (continued)

## 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
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
2017	7,712**	306**	4.0**	31	15**	48.4	154**	37**	24.0**	348**	50**	14.4

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)

# Northeast Prosperity Region (continued)

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## 2017 - 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	6,954	6,642	95.5	16	13	81.3	106	87	82.1	278	249	89.6	503	482	95.8	5,901	5,775	97.9
Motor home	65	65	100.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	63	63	100.0
Pickup truck	2,380	2,279	95.8	7	3	42.9	29	22	75.9	67	56	83.6	132	123	93.2	2,089	2,060	98.6
Small truck under 10,000 lbs. GVWR	139	128	92.1	1	0	0.0	0	0	0.0	3	3	100.0	7	6	85.7	123	118	95.9
Motorcycle	82	60	73.2	3	2	66.7	18	12	66.7	28	19	67.9	11	10	90.9	22	17	77.3
Moped / goped	11	4	36.4	0	0	0.0	3	0	0.0	5	4	80.0	1	0	0.0	2	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	28	27	96.4	1	0	0.0	10	10	100.0	6	6	100.0	6	6	100.0	3	3	100.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	80	33	41.3	4	1	25.0	23	7	30.4	28	12	42.9	9	4	44.4	14	9	64.3
Other	34	21	61.8	1	0	0.0	2	0	0.0	2	0	0.0	1	0	0.0	27	21	77.8
Truck/bus over 10,000 lbs.	153	144	94.1	0	0	0.0	1	1	100.0	4	2	50.0	11	11	100.0	136	130	95.6
Unknown	71	4	5.6	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	4	4	100.0
<b>Total</b>	<b>9,997</b>	<b>9,407</b>	<b>94.1</b>	<b>33</b>	<b>19</b>	<b>57.6</b>	<b>192</b>	<b>139</b>	<b>72.4</b>	<b>421</b>	<b>351</b>	<b>83.4</b>	<b>682</b>	<b>643</b>	<b>94.3</b>	<b>8,384</b>	<b>8,200</b>	<b>97.8</b>

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.

## 2017 - 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	95	82	86.3	0	0	0.0	11	8	72.7	29	21	72.4	40	39	97.5	15	14	93.3
16 - 20	1,020	983	96.4	3	2	66.7	31	22	71.0	65	55	84.6	100	93	93.0	813	803	98.8
21 - 24	811	766	94.5	1	0	0.0	17	14	82.4	62	43	69.4	56	52	92.9	673	656	97.5
25 - 64	6,308	6,070	96.2	20	10	50.0	97	67	69.1	209	179	85.6	381	357	93.7	5,562	5,423	97.5
65 +	1,532	1,501	98.0	9	7	77.8	35	27	77.1	56	53	94.6	105	102	97.1	1,313	1,300	99.0
Unknown	231	5	2.2	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0	8	4	50.0
<b>Total</b>	<b>9,997</b>	<b>9,407</b>	<b>94.1</b>	<b>33</b>	<b>19</b>	<b>57.6</b>	<b>192</b>	<b>139</b>	<b>72.4</b>	<b>421</b>	<b>351</b>	<b>83.4</b>	<b>682</b>	<b>643</b>	<b>94.3</b>	<b>8,384</b>	<b>8,200</b>	<b>97.8</b>

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	2013			2014			2015			2016			2017		
	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	49	0	14	57	0	8	37	0	2	34	0	5	33	1	19
Shoulder belt only used	7	0	1	14	0	7	9	0	2	43	0	8	54	0	6
Lap belt only used	25	0	4	18	0	1	22	0	3	17	0	5	17	0	0
Both lap & shoulder belts used	8,366	8	685	8,245	9	664	7,912	4	722	8,448	8	758	8,913	13	744
No belts used	78	6	34	76	2	35	70	5	30	77	3	34	79	5	31
Child restraint used	1	0	0	1	0	0	0	0	0	6	0	0	4	0	0
Child restraint not used, unavailable or improper use	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Restraint failure	3	0	0	1	0	0	0	0	0	5	0	0	3	0	0
Restraint use unknown	208	1	22	222	1	27	231	3	25	273	1	17	295	1	29
Helmet worn	113	6	76	121	5	85	92	2	63	107	4	81	104	3	74
Helmet not worn	43	8	32	31	1	21	39	3	28	40	4	27	39	3	27
Helmet use unknown	6	1	3	4	0	1	6	0	4	17	3	7	4	2	0
Uncoded & errors	159	0	0	179	0	2	154	0	0	105	0	0	82	0	0
<b>Total</b>	<b>9,058</b>	<b>30</b>	<b>871</b>	<b>8,969</b>	<b>18</b>	<b>851</b>	<b>8,573</b>	<b>17</b>	<b>880</b>	<b>9,172</b>	<b>23</b>	<b>942</b>	<b>9,627</b>	<b>28</b>	<b>930</b>

## 5-Year Trend - Restraint Use Among Drivers Coded Drinking

Restraint Use	2013			2014			2015			2016			2017		
	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	3	0	2	0	0	0	1	0	0	0	0	0	2	0	2
Shoulder belt only used	0	0	0	1	0	1	1	0	0	1	0	1	5	0	2
Lap belt only used	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0
Both lap & shoulder belts used	135	1	39	147	2	38	144	0	51	166	1	48	186	1	49
No belts used	15	3	7	18	1	13	18	2	9	15	1	9	16	5	10
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	27	0	7	39	0	16	35	1	12	34	0	8	43	0	14
Helmet worn	8	3	5	7	2	5	3	2	1	9	2	6	6	1	5
Helmet not worn	14	4	9	5	0	5	4	0	4	7	2	4	8	2	4
Helmet use unknown	0	0	0	0	0	0	0	0	0	1	1	0	3	2	0
Uncoded & errors	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>202</b>	<b>11</b>	<b>69</b>	<b>218</b>	<b>5</b>	<b>78</b>	<b>206</b>	<b>5</b>	<b>77</b>	<b>234</b>	<b>7</b>	<b>77</b>	<b>270</b>	<b>11</b>	<b>86</b>

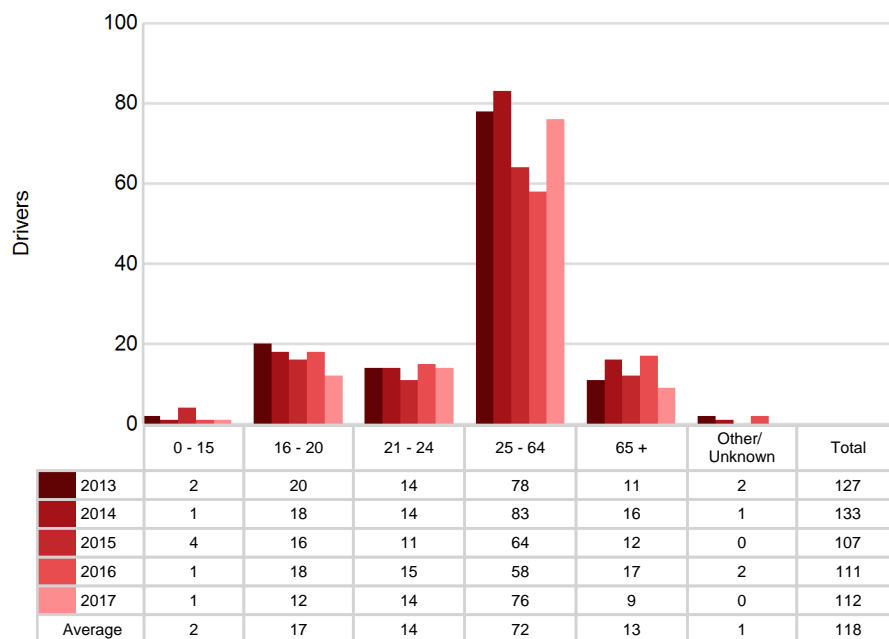


## 5-Year Trend - Seatbelt Not Used Among Drivers by Age

Age Group	2013			2014			2015			2016			2017		
	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	2	0	1	1	0	0	4	0	1	1	0	0	1	0	0
16 - 20	20	0	9	18	0	6	16	0	5	18	0	10	12	1	7
21 - 24	14	1	3	14	0	5	11	0	5	15	0	7	14	0	11
25 - 64	78	5	30	83	1	26	64	3	19	58	2	17	76	5	27
65 +	11	0	5	16	1	6	12	2	2	17	1	4	9	0	5
Unknown	2	0	0	1	0	0	0	0	0	2	0	1	0	0	0
<b>Total</b>	<b>127</b>	<b>6</b>	<b>48</b>	<b>133</b>	<b>2</b>	<b>43</b>	<b>107</b>	<b>5</b>	<b>32</b>	<b>111</b>	<b>3</b>	<b>39</b>	<b>112</b>	<b>6</b>	<b>50</b>

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

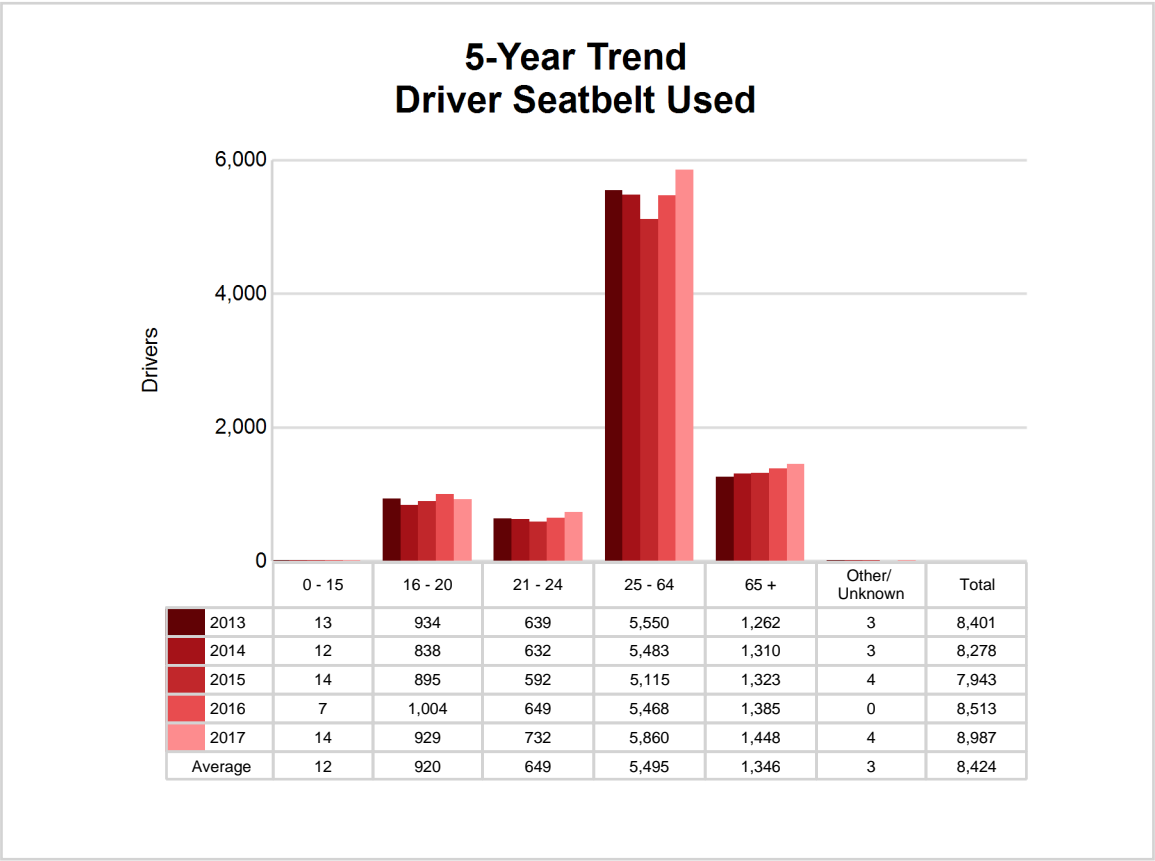
## 5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2013			2014			2015			2016			2017		
	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	3	12	0	1	14	0	2	7	0	2	14	0	1
16 - 20	934	1	97	838	1	88	895	0	115	1,004	3	128	929	2	116
21 - 24	639	1	69	632	0	58	592	0	62	649	1	69	732	0	77
25 - 64	5,550	4	399	5,483	5	398	5,115	3	417	5,468	2	438	5,860	6	423
65 +	1,262	2	122	1,310	3	126	1,323	1	130	1,385	2	134	1,448	5	133
Unknown	3	0	0	3	0	1	4	0	1	0	0	0	4	0	0
Total	8,401	8	690	8,278	9	672	7,943	4	727	8,513	8	771	8,987	13	750

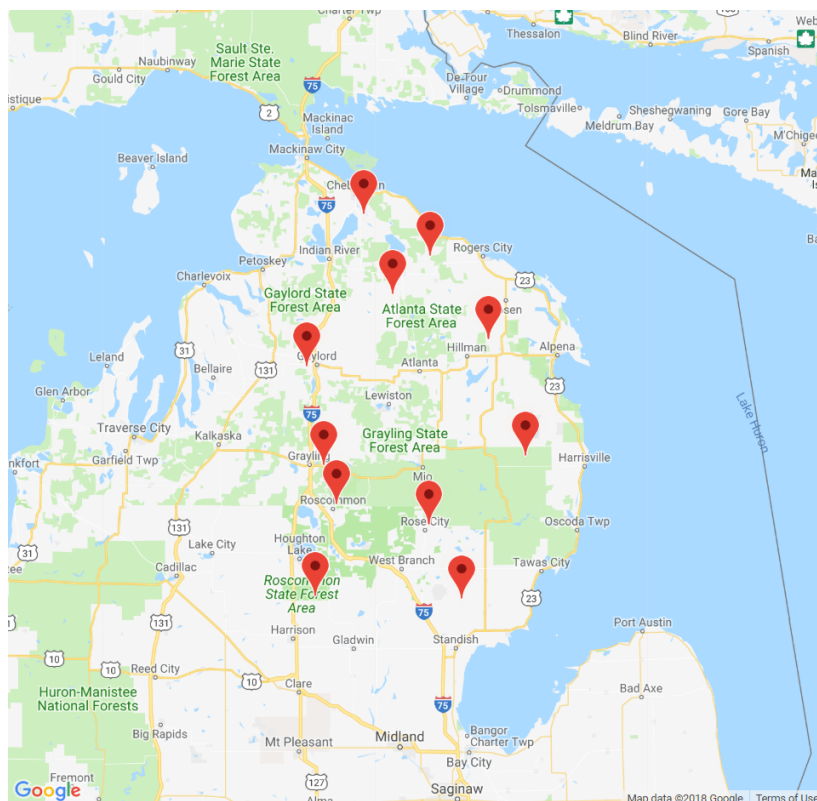
Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.



## 5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2013		2014		2015		2016		2017	
	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	5,603	15	5,440	11	5,337	9	5,595	11	6,145	15
Speed too fast	1,351	12	1,280	12	968	11	1,202	13	1,199	12
Speed too slow	10	0	14	0	8	0	9	0	10	0
Failed to yield	479	5	538	2	542	2	558	2	546	3
Disregard traffic control	88	1	104	3	102	0	79	1	94	0
Drove wrong way	12	0	5	0	4	0	6	0	4	1
Drove left of center	25	0	32	1	35	2	49	0	34	2
Improper passing	31	0	38	1	41	0	39	0	36	0
Improper lane use	49	0	71	1	78	0	81	0	77	0
Improper turn	52	0	71	0	56	0	62	1	48	0
Improper/no signal	13	0	16	0	14	0	17	0	8	0
Improper backing	143	0	137	0	128	0	117	0	105	0
Unable to stop in assured clear distance	510	0	490	1	527	0	518	0	490	1
Other	197	2	248	0	246	5	306	4	266	1
Unknown	141	5	146	1	127	1	175	3	163	5
Reckless driving	35	1	35	0	53	0	42	0	38	0
Careless/negligent driving	268	1	271	0	262	1	263	2	269	4
Uncoded & errors	51	0	33	0	45	0	54	0	95	0
<b>Total</b>	<b>9,058</b>	<b>42</b>	<b>8,969</b>	<b>33</b>	<b>8,573</b>	<b>31</b>	<b>9,172</b>	<b>37</b>	<b>9,627</b>	<b>44</b>

## Northeast Prosperity Region (continued)



The picture above represents all 2017 alcohol-involved fatal crashes in Northeast Prosperity Region.

In 2017, there were 271 alcohol-involved crashes in Northeast Prosperity Region:

- 11 K - Fatal Crashes
- 31 A - Suspected Serious Injury Crashes
- 48 B - Suspected Minor Injury Crashes
- 23 C - Possible Injury Crashes
- 158 O - Property Damage Only/No Injury Crashes

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