



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)

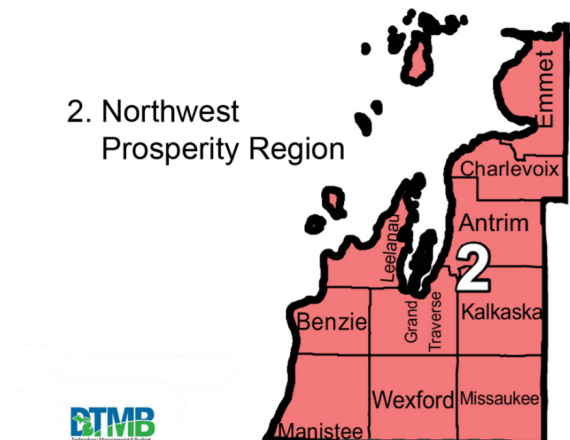


## Governor's Prosperity Region - Northwest Prosperity Region

### 2017 Traffic Crash Data & 2013-2017 5-Year Trends

Prosperity Region - 2 is comprised of Antrim, Benzie, Charlevoix, Emmet, Grand Traverse, Kalkaska, Leelanau, Manistee, Missaukee, and Wexford counties. Trend tables for this report are based on those counties.

### 2. Northwest 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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## Northwest Prosperity Region Experience

The 2017\* comprehensive cost of traffic crashes was \$1,550,000,000.\*\* Fatalities cost \$330,000,000, injuries cost \$725,000,000, and 'Property Damage Only' crashes cost \$495,000,000.

In 2017:

There were 17,336 drivers involved in 12,108 motor vehicle crashes in Northwest Prosperity Region. Of those crashes, 28 were classified as fatal, resulting in 32 fatalities. An additional 2,344 persons were injured.

Northwest Prosperity Region experienced the highest number of motor vehicle crashes (1,555) in December, the highest number of fatal crashes (6) in September, and the highest number of persons killed (7) in July and September.

Michigan driver statistics indicate 5.7 percent of licensed drivers in Northwest Prosperity Region were age 16-20, and 10.9 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	1,160	2	146	1,012	3	199
February	877	0	105	772	0	136
March	794	2	102	690	2	144
April	545	0	77	468	0	99
May	787	1	126	660	1	174
June	882	3	160	719	3	213
July	924	5	191	728	7	286
August	963	3	188	772	3	268
September	971	6	151	814	7	210
October	1,212	1	147	1,064	1	201
November	1,438	1	142	1,295	1	176
December	1,555	4	169	1,382	4	238
<b>Total</b>	<b>12,108</b>	<b>28</b>	<b>1,704</b>	<b>10,376</b>	<b>32</b>	<b>2,344</b>

## 2017 - Driver Statistics

Age Group	Northwest Prosperity Region			Driver Rates	
	2017 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	53,176	1,637	27	5.1	164.9
16 - 20	16,395	13,976	1,892	1,154.0	1,353.7
21 - 24	13,101	12,656	1,346	1,027.4	1,063.5
25 - 64	154,267	150,477	10,864	704.2	722.0
65 +	67,057	65,069	2,436	363.3	374.4
Unknown	0	0	771	-	-
<b>Total</b>	<b>303,996</b>	<b>243,815</b>	<b>17,336</b>	<b>570.3</b>	<b>711.0</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	13,174	76.0	32	68.1	2,122	11,020
Motor home	81	0.5	0	0.0	11	70
Pickup truck	3,122	18.0	5	10.6	442	2,675
Small truck under 10,000 lbs. GVWR	159	0.9	0	0.0	25	134
Motorcycle	116	0.7	6	12.8	80	30
Moped / goped	17	0.1	0	0.0	13	4
Go-cart / golf cart	3	0.0	0	0.0	3	0
Snowmobile	23	0.1	0	0.0	18	5
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	33	0.2	1	2.1	24	8
Other	62	0.4	0	0.0	12	50
Truck/bus over 10,000 lbs.	350	2.0	3	6.4	50	297
Unknown	196	1.1	0	0.0	6	190
<b>Total</b>	<b>17,336</b>	<b>100.0</b>	<b>47</b>	<b>100.0</b>	<b>2,806</b>	<b>14,483</b>

## Northwest 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	1,170	5	1,453	0	1,131	4	1,041	3	1,160	2
February	916	4	1,072	2	1,080	4	917	2	877	0
March	796	0	989	1	694	2	705	2	794	2
April	754	2	714	2	668	2	711	2	545	0
May	679	0	681	0	695	4	757	3	787	1
June	862	2	840	3	954	2	856	4	882	3
July	853	6	810	4	914	4	999	4	924	5
August	852	5	818	5	863	6	859	10	963	3
September	804	9	772	6	769	4	863	7	971	6
October	1,000	1	1,003	1	1,000	1	958	5	1,212	1
November	1,550	7	1,539	3	1,286	5	1,187	5	1,438	1
December	1,437	3	1,125	4	949	3	1,320	4	1,555	4
<b>Total</b>	<b>11,673</b>	<b>44</b>	<b>11,816</b>	<b>31</b>	<b>11,003</b>	<b>41</b>	<b>11,173</b>	<b>51</b>	<b>12,108</b>	<b>28</b>

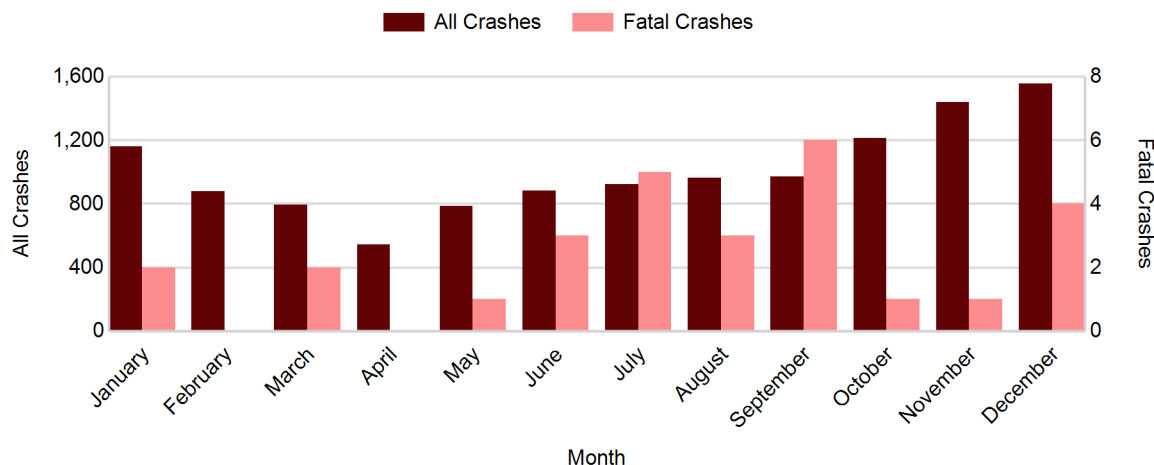
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

### 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	1,718	7	1,670	4	1,523	4	1,546	7	1,673	2
Tuesday	1,813	5	1,801	5	1,559	6	1,605	10	1,718	5
Wednesday	1,748	3	1,842	2	1,682	12	1,719	4	1,894	3
Thursday	1,829	4	1,729	3	1,749	6	1,718	9	1,931	4
Friday	1,834 †	11	2,088 †	5	1,784 †	6	1,917 †	7	1,974 †	3
Saturday	1,512	8	1,435	8	1,463	4	1,433	6	1,589	7
Sunday	1,219	6	1,251	4	1,243	3	1,235	8	1,329	4
<b>Total</b>	<b>11,673</b>	<b>44</b>	<b>11,816</b>	<b>31</b>	<b>11,003</b>	<b>41</b>	<b>11,173</b>	<b>51</b>	<b>12,108</b>	<b>28</b>

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

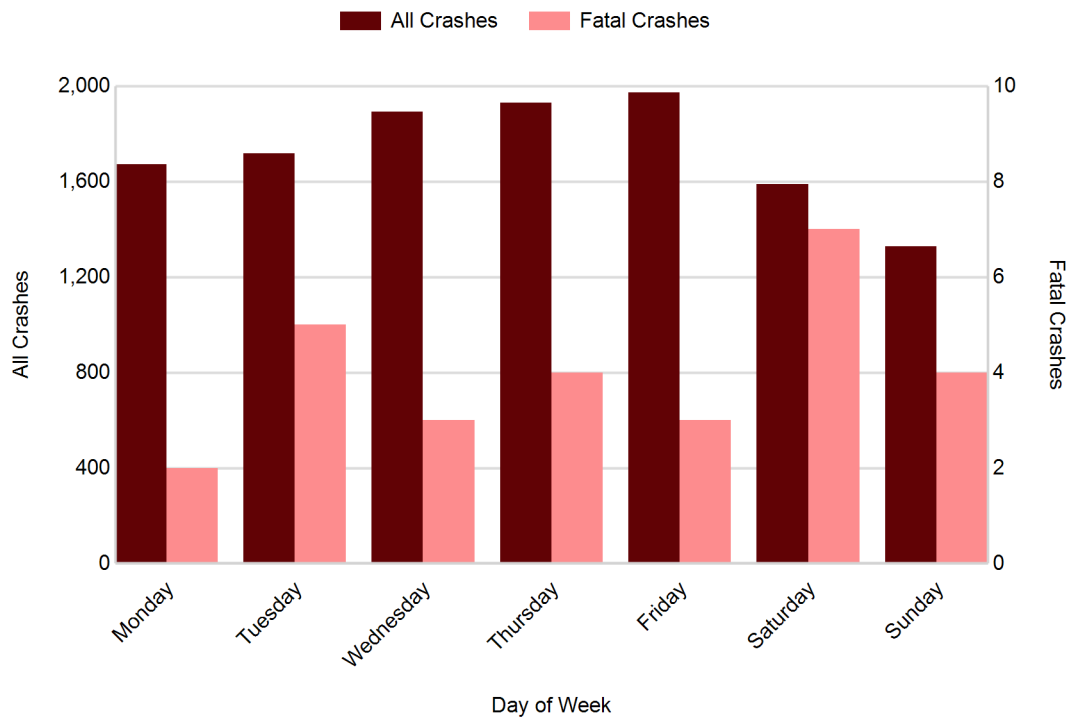
### 2017 Crashes by Month



## 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	1,673	13.8	2	7.1	32	65	127	1,447
Tuesday	1,718	14.2	5	17.9	29	69	135	1,480
Wednesday	1,894	15.6	3	10.7	28	73	144	1,646
Thursday	1,931	15.9	4	14.3	27	82	156	1,662
Friday	1,974	16.3	3	10.7	32	88	153	1,698
Saturday	1,589	13.1	7	25.0	47	79	125	1,331
Sunday	1,329	11.0	4	14.3	37	68	108	1,112
<b>Total</b>	<b>12,108</b>	<b>100.0</b>	<b>28</b>	<b>100.0</b>	<b>232</b>	<b>524</b>	<b>948</b>	<b>10,376</b>

## 2017 Day of Week and Severity

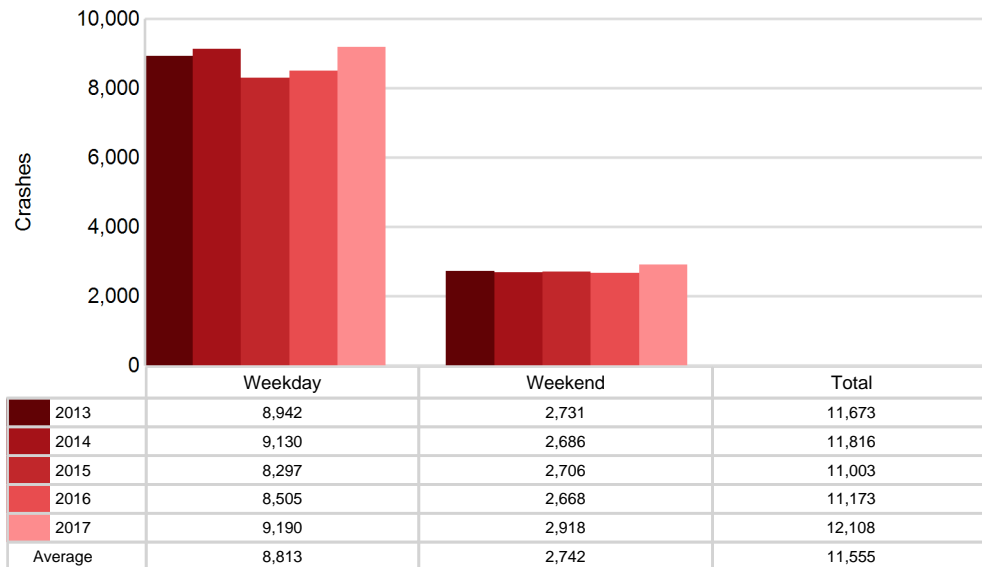


## Northwest Prosperity Region (continued)

### 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	8,942	30	9,130	19	8,297	34	8,505	37	9,190	17
Weekend	2,731	14	2,686	12	2,706	7	2,668	14	2,918	11
<b>Total</b>	<b>11,673</b>	<b>44</b>	<b>11,816</b>	<b>31</b>	<b>11,003</b>	<b>41</b>	<b>11,173</b>	<b>51</b>	<b>12,108</b>	<b>28</b>

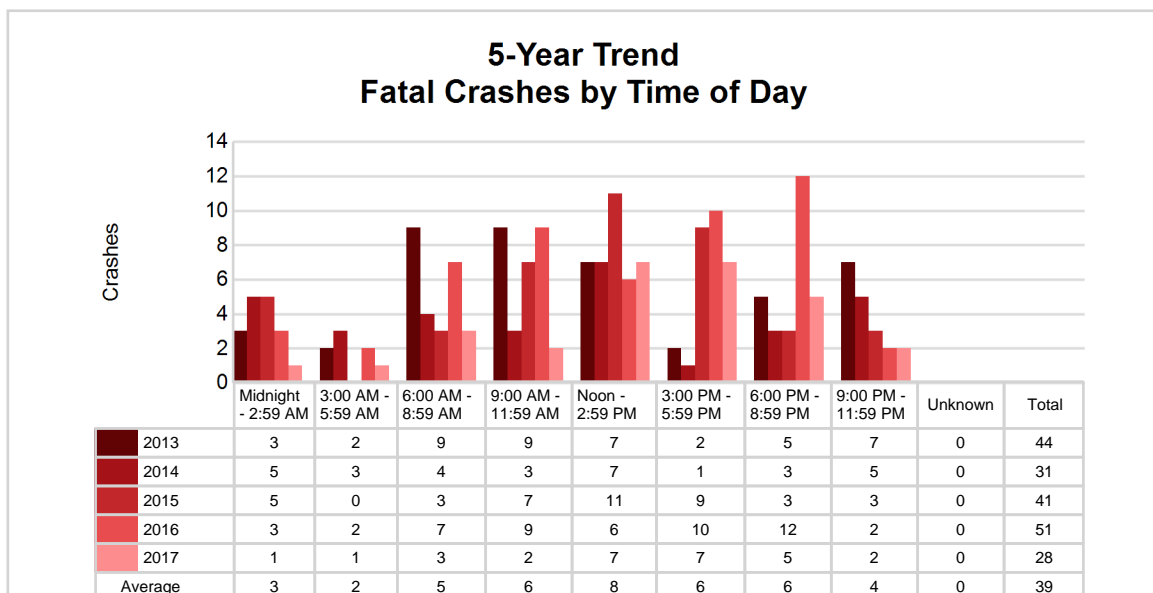
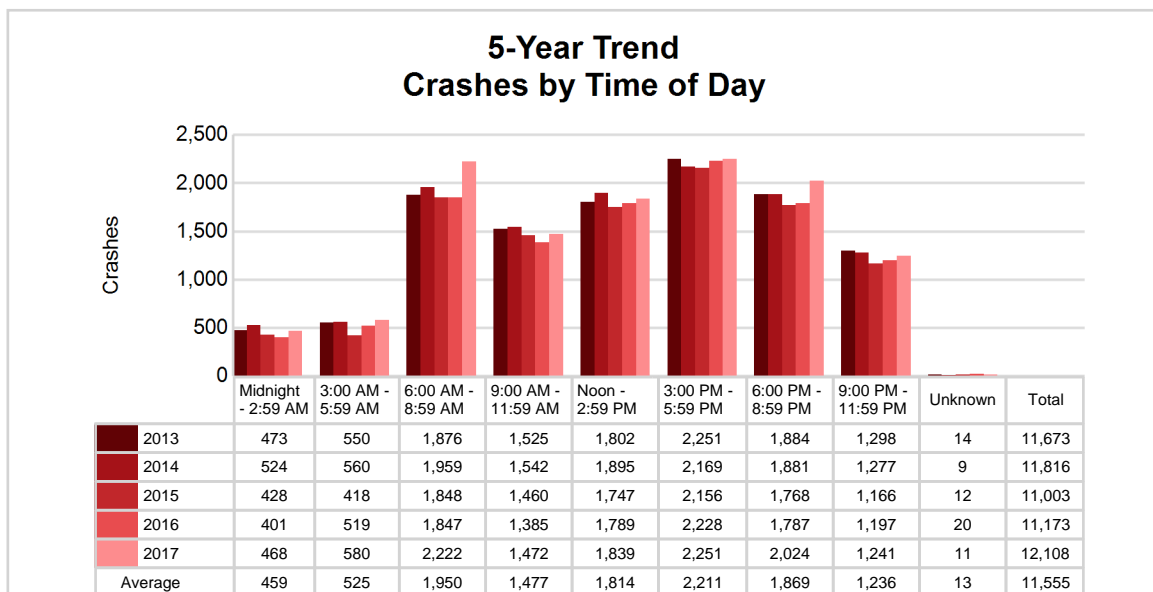
### 5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



## 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	473	3	524	5	428	5	401	3	468	1
3:00 AM - 5:59 AM	550	2	560	3	418	0	519	2	580	1
6:00 AM - 8:59 AM	1,876	9	1,959	4	1,848	3	1,847	7	2,222	3
9:00 AM - 11:59 AM	1,525	9	1,542	3	1,460	7	1,385	9	1,472	2
Noon - 2:59 PM	1,802	7	1,895	7	1,747	11	1,789	6	1,839	7
3:00 PM - 5:59 PM	2,251 †	2	2,169 †	1	2,156 †	9	2,228 †	10	2,251 †	7
6:00 PM - 8:59 PM	1,884	5	1,881	3	1,768	3	1,787	12	2,024	5
9:00 PM - 11:59 PM	1,298	7	1,277	5	1,166	3	1,197	2	1,241	2
Unknown	14	0	9	0	12	0	20	0	11	0
<b>Total</b>	<b>11,673</b>	<b>44</b>	<b>11,816</b>	<b>31</b>	<b>11,003</b>	<b>41</b>	<b>11,173</b>	<b>51</b>	<b>12,108</b>	<b>28</b>

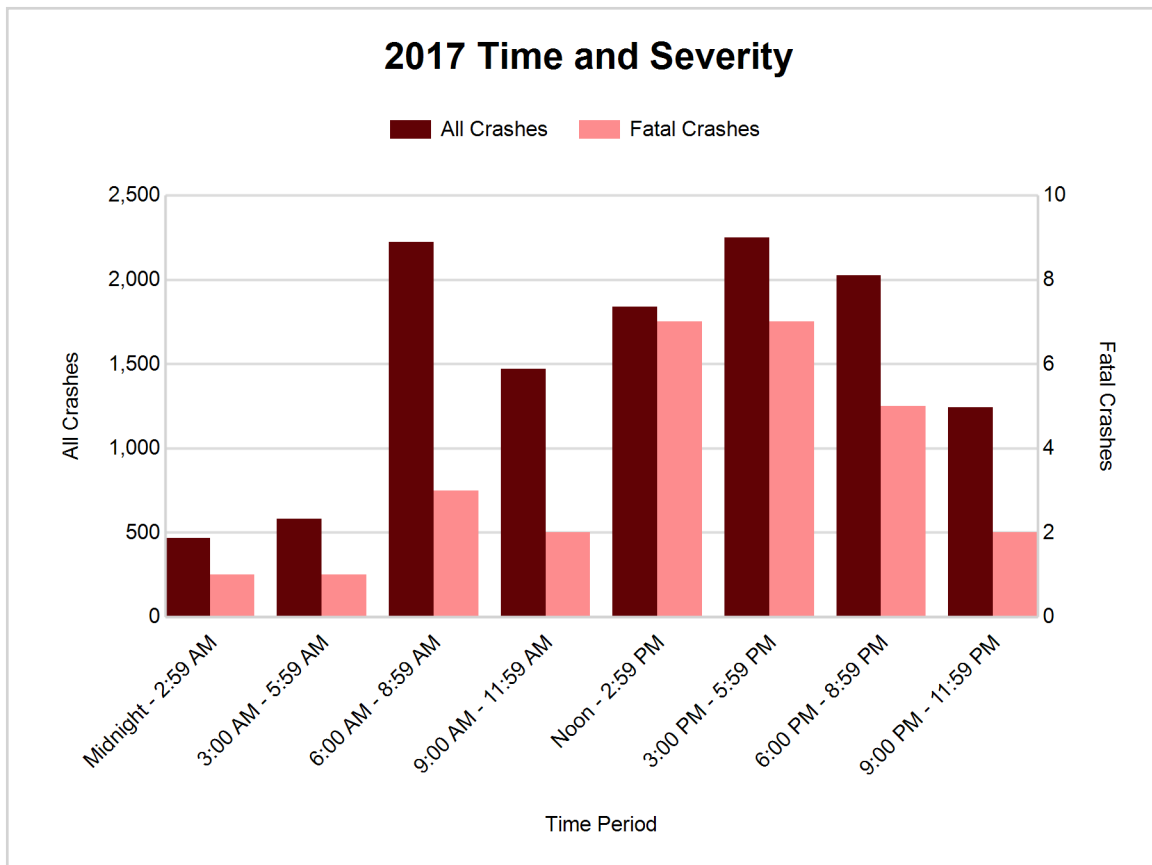
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period



# Northwest Prosperity Region (continued)

## 2017 - Time and Severity

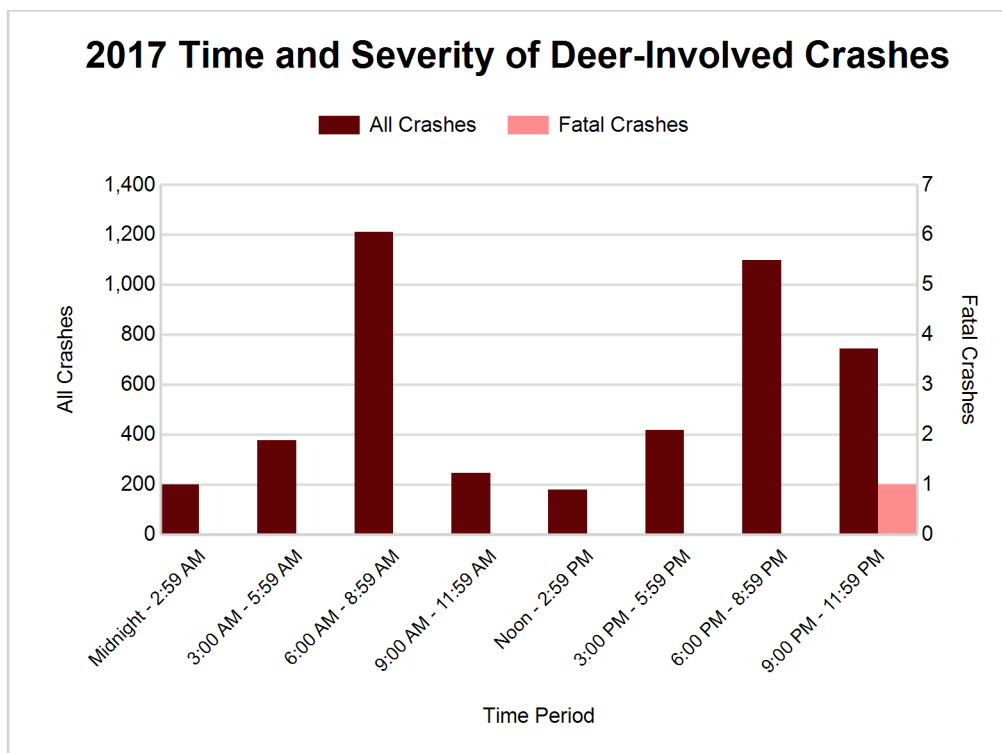
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	468	3.9	1	3.6	17	34	35	381
3:00 AM - 5:59 AM	580	4.8	1	3.6	8	19	29	523
6:00 AM - 8:59 AM	2,222	18.4	3	10.7	20	62	125	2,012
9:00 AM - 11:59 AM	1,472	12.2	2	7.1	30	49	140	1,251
Noon - 2:59 PM	1,839	15.2	7	25.0	40	103	214	1,475
3:00 PM - 5:59 PM	2,251	18.6	7	25.0	46	123	243	1,832
6:00 PM - 8:59 PM	2,024	16.7	5	17.9	51	77	98	1,793
9:00 PM - 11:59 PM	1,241	10.2	2	7.1	20	57	63	1,099
Unknown	11	0.1	0	0.0	0	0	1	10
<b>Total</b>	<b>12,108</b>	<b>100.0</b>	<b>28</b>	<b>100.0</b>	<b>232</b>	<b>524</b>	<b>948</b>	<b>10,376</b>







## Northwest Prosperity Region (continued)



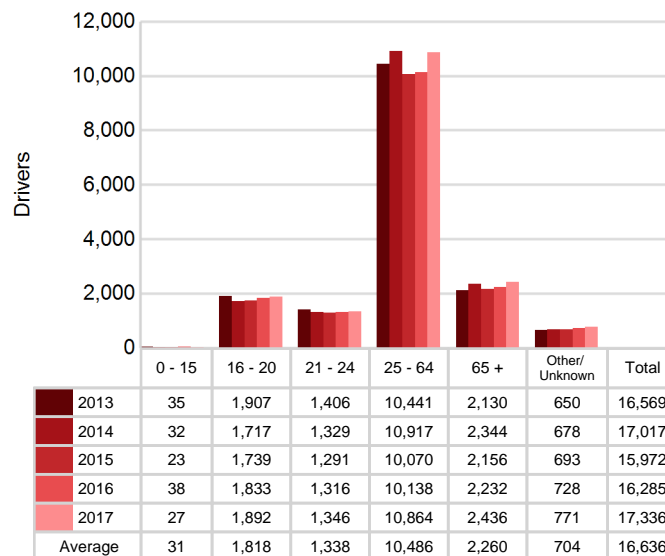
### 2017 - Reported Motor Vehicle Crashes by County

County	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Antrim	971	3	121	847	0	221	184	557	43	9	498	4	161
Benzie	634	0	82	552	0	162	123	345	32	10	305	0	104
Charlevoix	1,187	3	124	1,060	0	317	230	638	45	8	607	3	170
Emmet	1,476	2	197	1,277	5	457	142	869	53	10	538	2	276
Grand Traverse	3,734	8	609	3,117	0	1,027	491	2,215	122	32	665	8	834
Kalkaska	559	3	102	454	0	127	150	276	22	13	220	3	148
Leelanau	671	2	91	578	0	0	306	362	42	11	316	3	122
Manistee	967	3	99	865	0	256	182	527	22	7	544	3	140
Missaukee	633	0	61	572	0	0	240	392	22	9	389	0	84
Wexford	1,276	4	218	1,054	0	348	410	514	61	10	385	6	305
<b>Total</b>	<b>12,108</b>	<b>28</b>	<b>1,704</b>	<b>10,376</b>	<b>5</b>	<b>2,915</b>	<b>2,458</b>	<b>6,695</b>	<b>464</b>	<b>119</b>	<b>4,467</b>	<b>32</b>	<b>2,344</b>

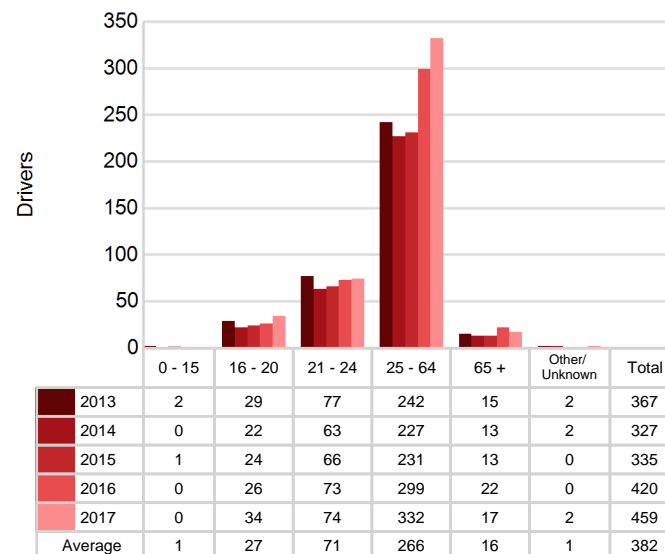
## 5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	35	2	32	0	23	1	38	0	27	0
16 - 20	1,907	29	1,717	22	1,739	24	1,833	26	1,892	34
21 - 24	1,406	77	1,329	63	1,291	66	1,316	73	1,346	74
25 - 64	10,441	242	10,917	227	10,070	231	10,138	299	10,864	332
65 +	2,130	15	2,344	13	2,156	13	2,232	22	2,436	17
Unknown	650	2	678	2	693	0	728	0	771	2
<b>Total</b>	<b>16,569</b>	<b>367</b>	<b>17,017</b>	<b>327</b>	<b>15,972</b>	<b>335</b>	<b>16,285</b>	<b>420</b>	<b>17,336</b>	<b>459</b>

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



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



# Northwest 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	0	0	0	0	0	0	0	0	0
16 - 20	43	45	27	34	1	4	10	4	15
21 - 24	80	78	65	74	2	11	24	15	22
25 - 64	407	367	263	332	6	30	84	75	137
65 +	31	34	14	17	0	3	4	3	7
Unknown	32	0	0	2	0	0	0	0	2
<b>Total</b>	<b>593</b>	<b>524</b>	<b>369</b>	<b>459</b>	<b>9</b>	<b>48</b>	<b>122</b>	<b>97</b>	<b>183</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 593 drivers in alcohol-involved crashes; 459 (77.4%) of those drivers were coded as had-been-drinking by the officer on the crash form.

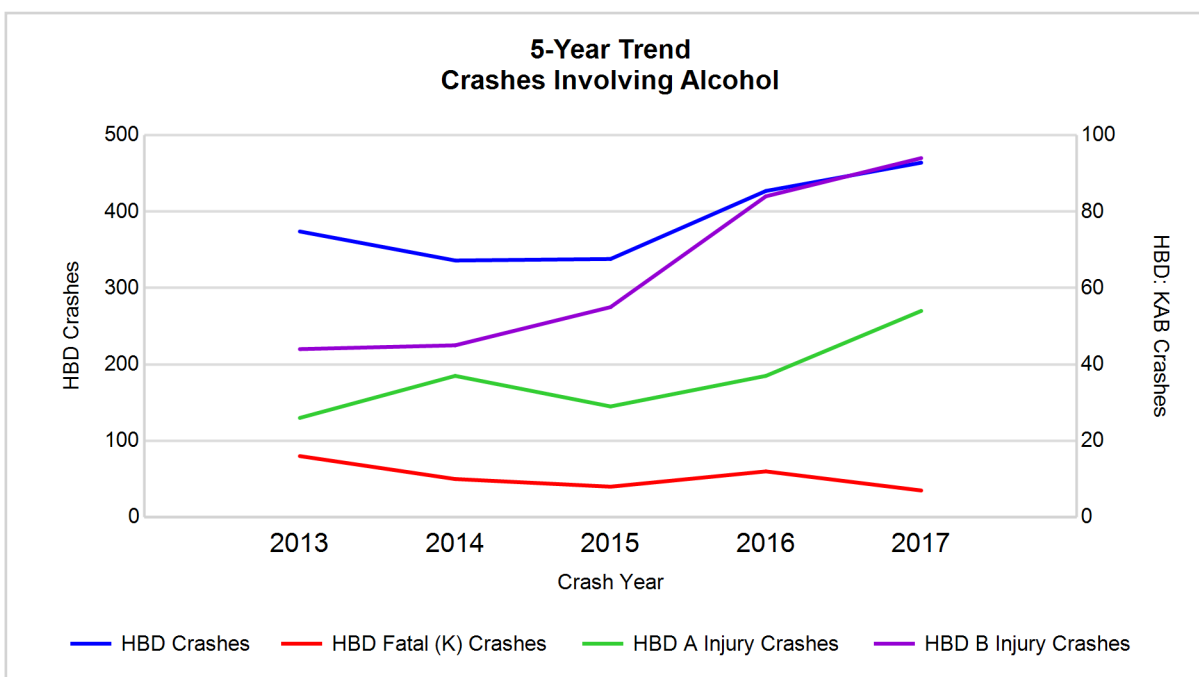
- 219 (47.7%) of the 459 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 97 (44.3%) of the 219 drivers had a BAC at or above 0.17 g/dL.
- 369 (80.4%) of the 459 drivers were coded as had-been-drinking and were tested for alcohol consumption.

## 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	11,673	374	3.2	44	16	36.4	171	26	15.2	448	44	9.8
2014	11,816	336	2.8	31	10	32.3	175	37	21.1	385	45	11.7
2015	11,003	338	3.1	41	8	19.5	144	29	20.1	425	55	12.9
2016	11,173	427	3.8	51	12	23.5	194	37	19.1	520	84	16.2
2017	12,108**	464**	3.8	28*	7*	25.0	232**	54**	23.3**	524**	94**	17.9**

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



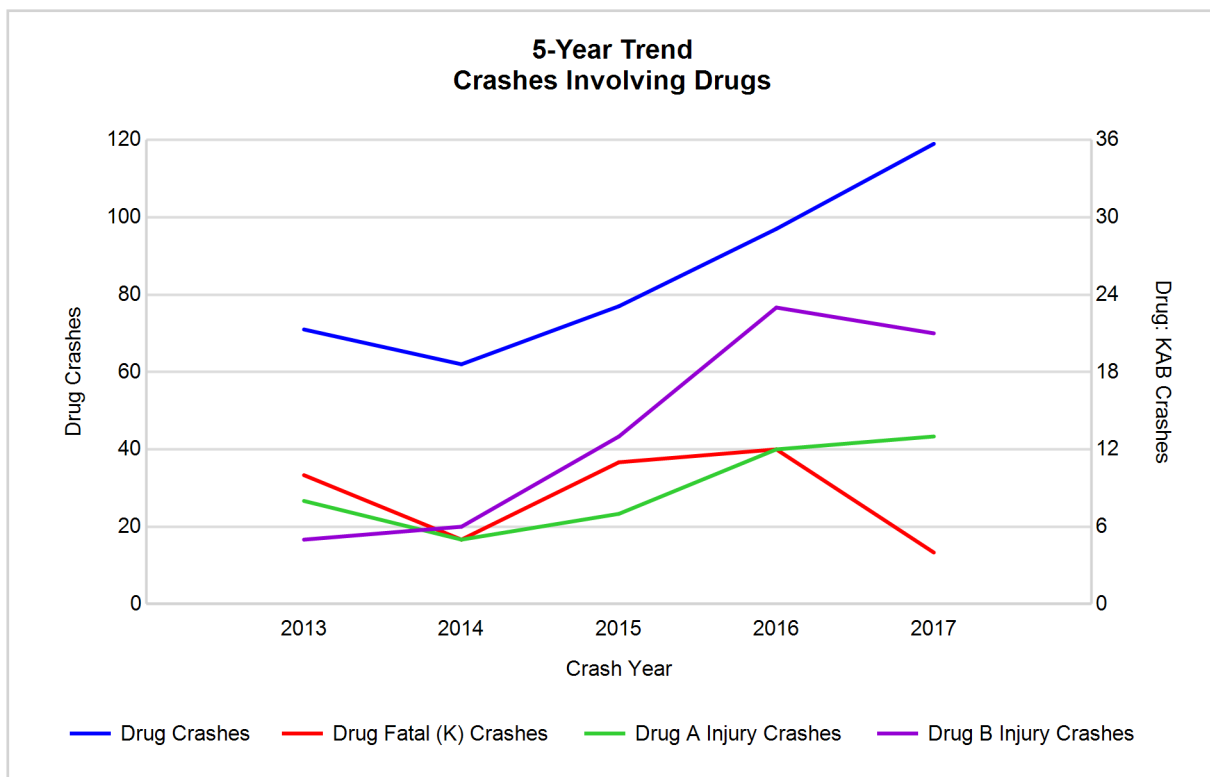
Note: Had-Been-Drinking (HBD)

## 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	11,673	71	0.6	44	10	22.7	171	8	4.7	448	5	1.1
2014	11,816	62	0.5	31	5	16.1	175	5	2.9	385	6	1.6
2015	11,003	77	0.7	41	11	26.8	144	7	4.9	425	13	3.1
2016	11,173	97	0.9	51	12	23.5	194	12	6.2	520	23	4.4
2017	12,108**	119**	1.0**	28*	4*	14.3*	232**	13**	5.6	524**	21	4.0

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



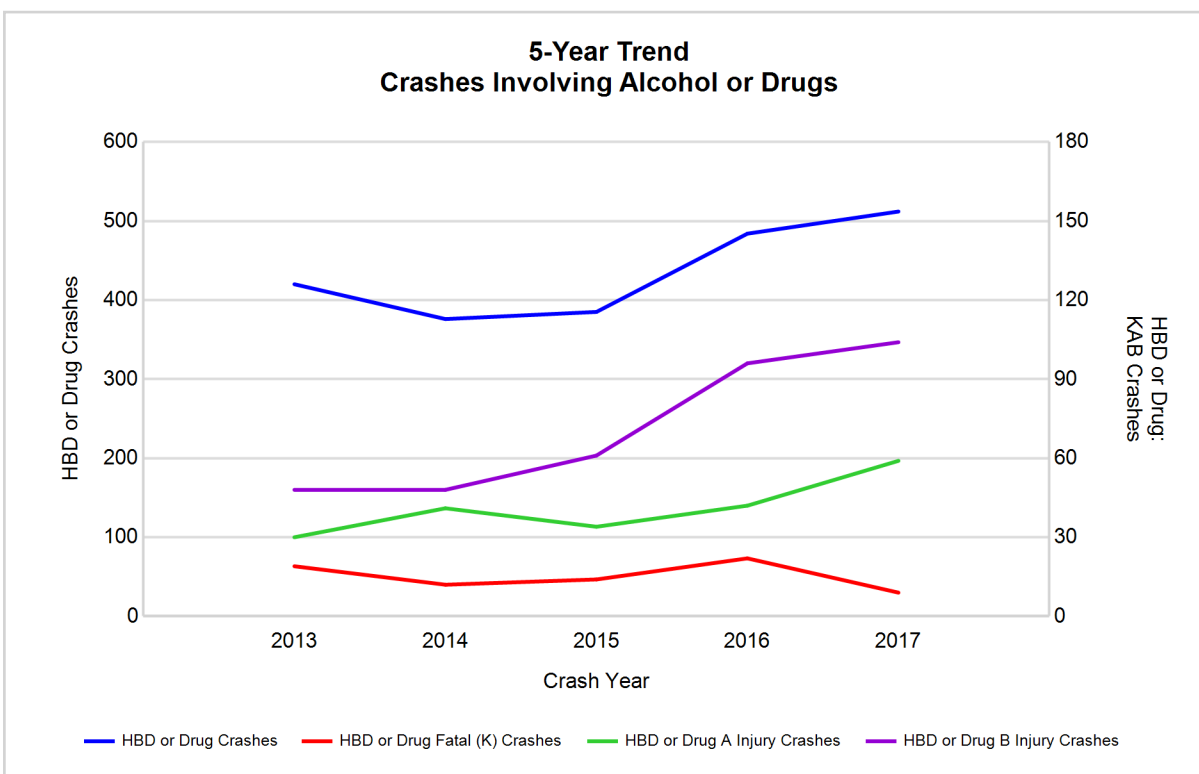
# Northwest Prosperity Region (continued)

## 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	11,673	420	3.6	44	19	43.2	171	30	17.5	448	48	10.7
2014	11,816	376	3.2	31	12	38.7	175	41	23.4	385	48	12.5
2015	11,003	385	3.5	41	14	34.1	144	34	23.6	425	61	14.4
2016	11,173	484	4.3	51	22	43.1	194	42	21.6	520	96	18.5
2017	12,108**	512**	4.2	28*	9*	32.1*	232**	59**	25.4**	524**	104**	19.8**

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)

# Northwest 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	13,660	12,835	94.0	20	14	70.0	159	127	79.9	484	442	91.3	1,135	1,091	96.1	11,383	11,122	97.7
Motor home	85	74	87.1	0	0	0.0	0	0	0.0	3	2	66.7	7	6	85.7	69	66	95.7
Pickup truck	3,192	2,957	92.6	1	0	0.0	43	34	79.1	86	69	80.2	168	159	94.6	2,756	2,682	97.3
Small truck under 10,000 lbs. GVWR	160	149	93.1	0	0	0.0	2	2	100.0	5	5	100.0	8	8	100.0	137	134	97.8
Motorcycle	131	92	70.2	7	4	57.1	34	20	58.8	33	25	75.8	22	17	77.3	34	26	76.5
Moped / goped	19	4	21.1	0	0	0.0	3	1	33.3	6	1	16.7	4	1	25.0	6	1	16.7
Go-cart / golf cart	4	0	0.0	0	0	0.0	2	0	0.0	0	0	0.0	1	0	0.0	1	0	0.0
Snowmobile	24	21	87.5	0	0	0.0	8	8	100.0	7	6	85.7	4	4	100.0	4	3	75.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	39	17	43.6	1	0	0.0	16	4	25.0	7	5	71.4	2	1	50.0	12	7	58.3
Other	62	37	59.7	0	0	0.0	1	0	0.0	1	0	0.0	2	0	0.0	49	36	73.5
Truck/bus over 10,000 lbs.	353	326	92.4	0	0	0.0	0	0	0.0	3	3	100.0	19	16	84.2	318	306	96.2
Unknown	196	1	0.5	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	3	1	33.3
<b>Total</b>	<b>17,925</b>	<b>16,513</b>	<b>92.1</b>	<b>29</b>	<b>18</b>	<b>62.1</b>	<b>268</b>	<b>196</b>	<b>73.1</b>	<b>635</b>	<b>558</b>	<b>87.9</b>	<b>1,372</b>	<b>1,303</b>	<b>95.0</b>	<b>14,772</b>	<b>14,384</b>	<b>97.4</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	177	166	93.8	0	0	0.0	9	6	66.7	46	42	91.3	100	96	96.0	22	22	100.0
16 - 20	1,975	1,919	97.2	1	0	0.0	24	16	66.7	93	85	91.4	191	181	94.8	1,663	1,635	98.3
21 - 24	1,389	1,314	94.6	4	2	50.0	19	9	47.4	60	45	75.0	114	106	93.0	1,183	1,144	96.7
25 - 64	11,080	10,653	96.1	16	10	62.5	172	129	75.0	337	297	88.1	774	731	94.4	9,707	9,450	97.4
65 +	2,532	2,457	97.0	8	6	75.0	44	36	81.8	98	88	89.8	192	188	97.9	2,178	2,131	97.8
Unknown	772	4	0.5	0	0	0.0	0	0	0.0	1	1	100.0	1	1	100.0	19	2	10.5
<b>Total</b>	<b>17,925</b>	<b>16,513</b>	<b>92.1</b>	<b>29</b>	<b>18</b>	<b>62.1</b>	<b>268</b>	<b>196</b>	<b>73.1</b>	<b>635</b>	<b>558</b>	<b>87.9</b>	<b>1,372</b>	<b>1,303</b>	<b>95.0</b>	<b>14,772</b>	<b>14,384</b>	<b>97.4</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	71	1	12	145	0	14	83	1	16	58	0	12	50	0	11
Shoulder belt only used	8	0	2	25	0	2	36	0	9	41	0	3	75	0	7
Lap belt only used	43	0	8	68	0	4	57	0	2	54	0	8	40	0	3
Both lap & shoulder belts used	15,284	18	1,297	15,594	8	1,175	14,609	11	1,191	14,851	20	1,303	15,759	12	1,453
No belts used	83	9	33	126	3	40	112	10	51	121	9	58	134	5	59
Child restraint used	1	0	0	0	0	0	0	0	0	3	0	1	3	0	1
Child restraint not used, unavailable or improper use	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	13	0	1	6	1	1	4	0	0	6	0	2	6	0	2
Restraint use unknown	280	1	35	293	1	39	248	2	24	599	2	38	1,025	1	43
Helmet worn	155	2	116	136	2	107	124	6	87	137	2	104	113	3	77
Helmet not worn	32	0	30	34	0	27	52	0	40	44	5	31	45	3	30
Helmet use unknown	5	1	2	5	0	2	11	1	5	11	0	8	9	0	5
Uncoded & errors	591	0	2	584	0	0	636	0	2	360	0	3	77	0	0
<b>Total</b>	<b>16,569</b>	<b>32</b>	<b>1,538</b>	<b>17,017</b>	<b>15</b>	<b>1,411</b>	<b>15,972</b>	<b>31</b>	<b>1,427</b>	<b>16,285</b>	<b>38</b>	<b>1,571</b>	<b>17,336</b>	<b>24</b>	<b>1,691</b>

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

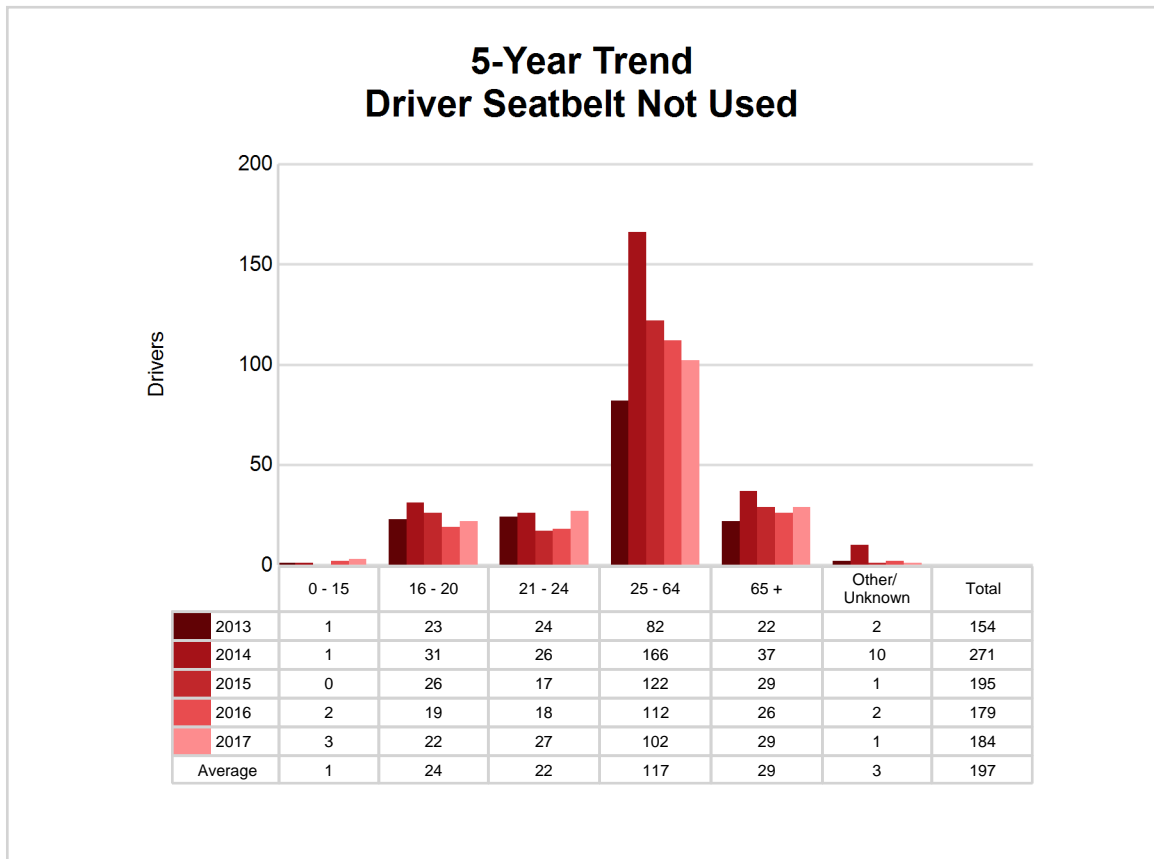
Restraint Use	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	0	0	0	6	0	1	3	0	3	3	0	1	1	0	0
Shoulder belt only used	2	0	2	1	0	1	1	0	0	1	0	1	1	0	0
Lap belt only used	3	0	2	2	0	0	1	0	1	0	0	0	0	0	0
Both lap & shoulder belts used	255	4	60	228	1	62	248	2	69	313	3	93	320	1	95
No belts used	21	6	9	20	2	17	24	3	16	27	4	18	27	2	24
Child restraint used	0	0	0	0	0	0	0	0	0	1	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	2	0	0	0	0	0	1	0	1	0	0	0
Restraint use unknown	67	1	19	48	1	15	39	0	12	55	0	20	90	1	22
Helmet worn	13	1	10	11	1	8	9	2	7	10	1	7	6	0	5
Helmet not worn	4	0	4	7	0	7	8	0	8	4	1	3	11	0	10
Helmet use unknown	0	0	0	1	0	0	1	0	1	2	0	2	1	0	1
Uncoded & errors	2	0	0	1	0	0	1	0	0	3	0	2	2	0	0
<b>Total</b>	<b>367</b>	<b>12</b>	<b>106</b>	<b>327</b>	<b>5</b>	<b>111</b>	<b>335</b>	<b>7</b>	<b>117</b>	<b>420</b>	<b>9</b>	<b>148</b>	<b>459</b>	<b>4</b>	<b>157</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	1	0	1	1	0	0	0	0	0	2	0	2	3	0	3
16 - 20	23	0	14	31	1	8	26	1	13	19	1	7	22	1	8
21 - 24	24	1	5	26	0	11	17	1	3	18	1	9	27	2	10
25 - 64	82	6	22	166	2	32	122	6	43	112	5	43	102	1	36
65 +	22	3	3	37	0	3	29	3	8	26	2	9	29	1	13
Unknown	2	0	0	10	0	0	1	0	0	2	0	0	1	0	0
<b>Total</b>	<b>154</b>	<b>10</b>	<b>45</b>	<b>271</b>	<b>3</b>	<b>54</b>	<b>195</b>	<b>11</b>	<b>67</b>	<b>179</b>	<b>9</b>	<b>70</b>	<b>184</b>	<b>5</b>	<b>70</b>

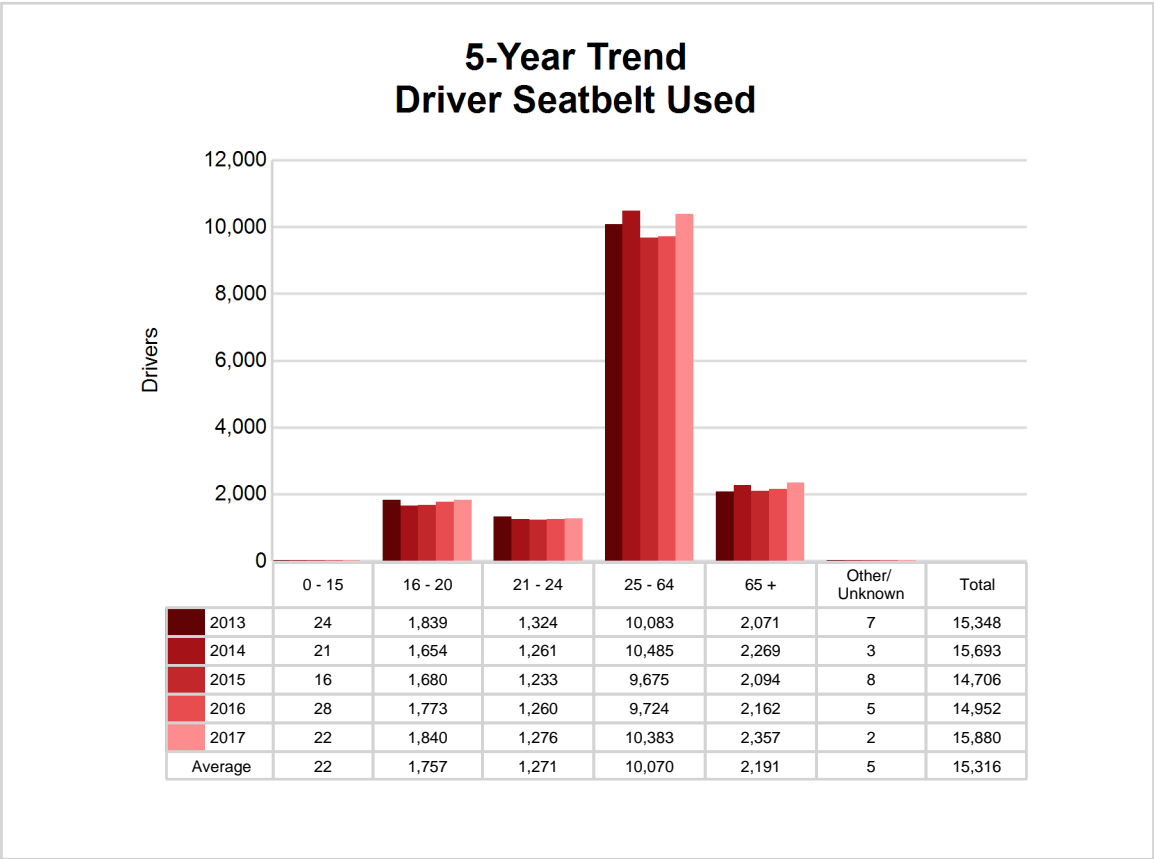
Note: Seatbelt Not Used includes no belts available or no belts used.



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	24	1	1	21	0	3	16	0	3	28	0	5	22	0	0
16 - 20	1,839	3	169	1,654	1	136	1,680	3	168	1,773	2	170	1,840	0	206
21 - 24	1,324	0	121	1,261	3	113	1,233	0	114	1,260	1	115	1,276	1	125
25 - 64	10,083	7	804	10,485	5	726	9,675	4	713	9,724	6	831	10,383	7	916
65 +	2,071	7	212	2,269	0	204	2,094	4	204	2,162	11	195	2,357	4	217
Unknown	7	0	1	3	0	0	8	0	0	5	0	0	2	0	1
Total	15,348	18	1,308	15,693	9	1,182	14,706	11	1,202	14,952	20	1,316	15,880	12	1,465

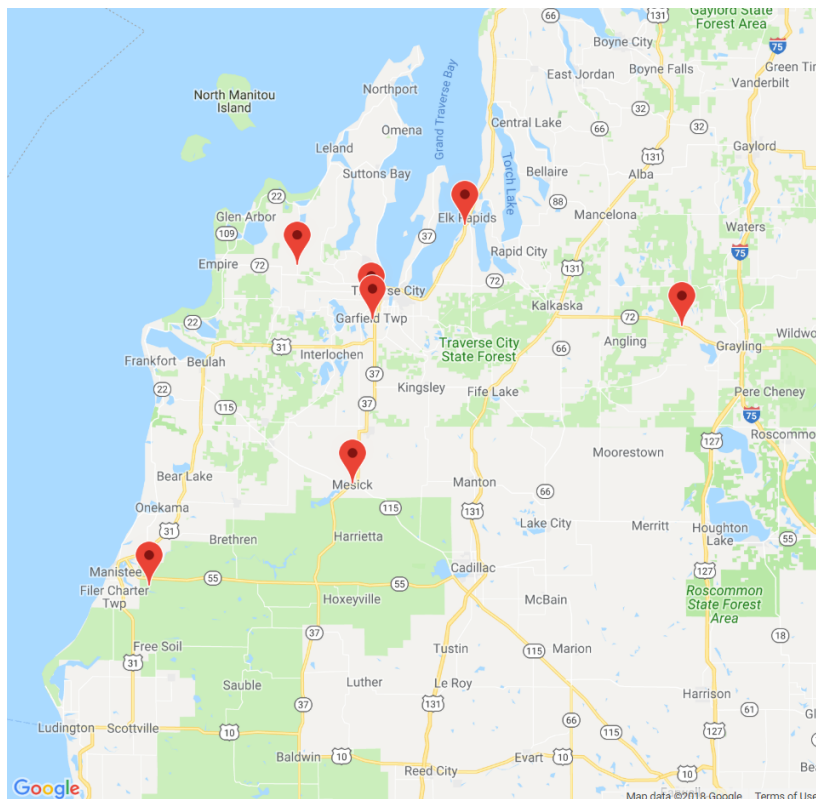
Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.



## 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	9,328	27	9,851	18	9,384	22	9,167	34	9,997	22
Speed too fast	2,106	16	2,004	11	1,494	15	1,720	13	1,807	6
Speed too slow	21	0	19	0	20	0	15	0	13	0
Failed to yield	1,217	3	1,414	2	1,287	4	1,351	8	1,378	3
Disregard traffic control	178	9	184	0	168	0	179	4	159	2
Drove wrong way	3	0	8	0	8	0	9	0	4	0
Drove left of center	120	1	125	4	96	7	130	6	147	4
Improper passing	59	0	76	0	76	0	73	0	65	0
Improper lane use	198	0	174	1	188	0	210	3	221	0
Improper turn	81	0	92	0	90	0	104	0	110	0
Improper/no signal	29	0	38	0	20	0	9	0	9	0
Improper backing	226	0	268	0	257	0	253	0	256	0
Unable to stop in assured clear distance	1,684	0	1,646	0	1,667	3	1,666	1	1,665	2
Other	431	1	492	2	501	1	475	1	479	1
Unknown	252	4	227	2	259	5	414	9	525	4
Reckless driving	55	2	35	2	61	2	57	1	47	3
Careless/negligent driving	384	3	298	1	334	4	381	3	397	0
Uncoded & errors	197	0	66	0	62	0	72	3	57	0
<b>Total</b>	<b>16,569</b>	<b>66</b>	<b>17,017</b>	<b>43</b>	<b>15,972</b>	<b>63</b>	<b>16,285</b>	<b>86</b>	<b>17,336</b>	<b>47</b>

## Northwest Prosperity Region (continued)



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

In 2017, there were 464 alcohol-involved crashes in Northwest Prosperity Region:

7	K - Fatal Crashes
54	A - Suspected Serious Injury Crashes
94	B - Suspected Minor Injury Crashes
54	C - Possible Injury Crashes
255	O - Property Damage Only/No Injury Crashes

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