

Office of Highway Safety Planning

2016



Michigan Traffic Crash Facts

Reporting Criteria

Please pay particular attention to the wording when interpreting the three levels of data gathered for this report.

<u>Crash</u>

The Crash Level analyzes data related to crash events and returns one result per crash.

Examples: Time, weather, and location.

<u>Units</u>

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

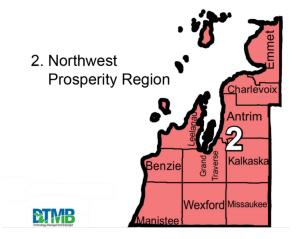
Property Damage Only (PDO)



Governor's Prosperity Region - Northwest Prosperity Region

2016 Traffic Crash Data & 2012-2016 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.



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.



Northwest Prosperity Region Experience

The 2016* comprehensive cost of traffic crashes was \$1,725,000,000.** Fatalities cost \$590,000,000, injuries cost \$685,000,000, and 'Property Damage Only' crashes cost \$450,000,000.

In 2016:

There were 16,285 drivers involved in 11,173 motor vehicle crashes in Northwest Prosperity Region. Of those crashes, 51 were classified as fatal, resulting in 57 fatalities. An additional 2,243 persons were injured.

Northwest Prosperity Region experienced the highest number of motor vehicle crashes (1,320) in December, the highest number of fatal crashes (10) and the highest number of persons killed (14) in August.

Michigan driver statistics indicate 5.8 percent of licensed drivers in Northwest Prosperity Region were age 16-20, and 11.3 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

		Cra	shes		Persons			
Month	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries		
January	1,041	3	107	931	3	147		
February	917	2	115	800	2	151		
March	705	2	84	619	2	125		
April	711	2	115	594	2	157		
May	757	3	131	623	3	185		
June	856	4	143	709	4	209		
July	999	4	211	784	5	290		
August	859	10	171	678	14	249		
September	863	7	153	703	7	212		
October	958	5	137	816	5	169		
November	1,187	5	112	1,070	6	150		
December	1,320	4	147	1,169	4	199		
Total	11,173	51	1,626	9,496	57	2,243		

2016 - Driver Statistics

	North	west Prosperity	Region	Driver Rates			
Age Group	2016 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed		
0 - 15	53,294	1,600	38	7.1	237.5		
16 - 20	16,517	13,944	1,833	1,109.8	1,314.5		
21 - 24	13,253	12,862	1,316	993.0	1,023.2		
25 - 64	155,538	150,787	10,138	651.8	672.3		
65 +	65,220	62,649	2,232	342.2	356.3		
Unknown	0	0	728				
Total	303,822	241,842	16,285	536.0	673.4		

2016 - Vehicles in Crashes

	Motor Veh	nicles	Fatal Cr	ashes	Injury Crashes	PDO Crashes
Vehicle Type	Number of Vehicles	% of Total	Number	% of Total	Number	Number
Passenger car, SUV, van	12,315	75.6	52	60.5	1,947	10,316
Motor home	217	1.3	0	0.0	24	193
Pickup truck	2,807	17.2	13	15.1	406	2,388
Small truck under 10,000 lbs. GVWR	150	0.9	0	0.0	26	124
Motorcycle	134	0.8	3	3.5	103	28
Moped / goped	16	0.1	0	0.0	16	0
Go-cart / golf cart	1	0.0	0	0.0	1	0
Snowmobile	28	0.2	2	2.3	16	10
Off-Road Vehicle - ORV / All- Terrain Vehicle - ATV	26	0.2	2	2.3	23	1
Other	70	0.4	0	0.0	10	60
Truck/bus over 10,000 lbs.	333	2.0	14	16.3	50	269
Unknown	188	1.2	0	0.0	13	175
Total	16,285	100.0	86	100.0	2,635	13,564

5-Year Trend - Crashes by Month

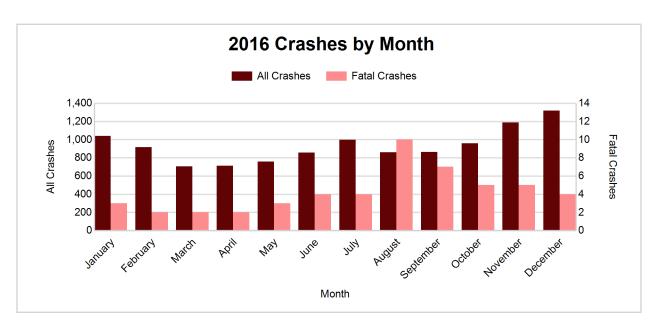
	201	12	201	3	201	4	201	15	2016	
Month	Total Crashes	Fatal Crashes								
January	1,156	2	1,170	5	1,453	0	1,131	4	1,041	3
February	906	3	916	4	1,072	2	1,080	4	917	2
March	618	2	796	0	989	1	694	2	705	2
April	498	1	754	2	714	2	668	2	711	2
Мау	674	4	679	0	681	0	695	4	757	3
June	867	5	862	2	840	3	954	2	856	4
July	830	5	853	6	810	4	914	4	999	4
August	799	3	852	5	818	5	863	6	859	10
September	803	2	804	9	772	6	769	4	863	7
October	1,118	2	1,000	1	1,003	1	1,000	1	958	5
November	1,291	4	1,550	7	1,539	3	1,286	5	1,187	5
December	1,089	5	1,437	3	1,125	4	949	3	1,320	4
Total	10,649	38	11,673	44	11,816	31	11,003	41	11,173	51

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

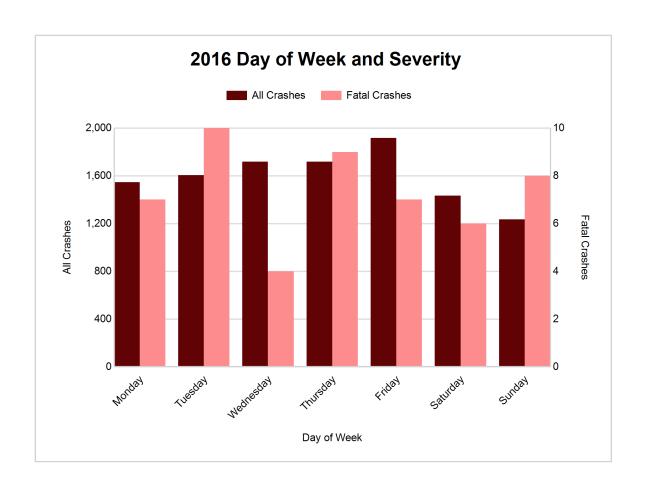
	201	2	2013		2014		201	5	2016	
Day	Total Crashes	Fatal Crashes								
Monday	1,511	3	1,718	7	1,670	4	1,523	4	1,546	7
Tuesday	1,456	5	1,813	5	1,801	5	1,559	6	1,605	10
Wednesday	1,477	6	1,748	3	1,842	2	1,682	12	1,719	4
Thursday	1,614	2	1,829	4	1,729	3	1,749	6	1,718	9
Friday	1,939 †	10	1,834 †	11	2,088 †	5	1,784 †	6	1,917 †	7
Saturday	1,416	5	1,512	8	1,435	8	1,463	4	1,433	6
Sunday	1,236	7	1,219	6	1,251	4	1,243	3	1,235	8
Total	10,649	38	11,673	44	11,816	31	11,003	41	11,173	51

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



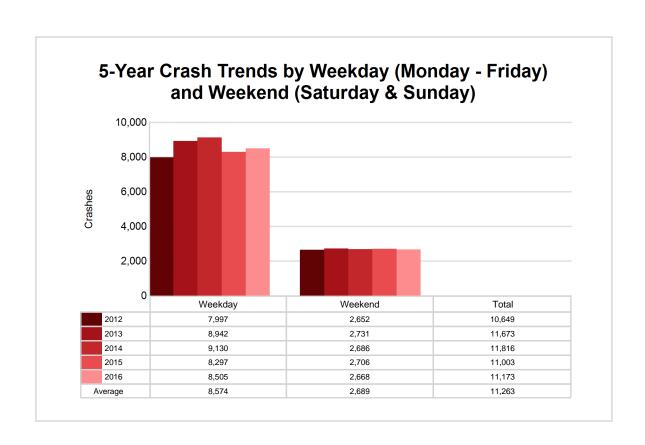
2016 - Crashes by Day of Week

	All Cra	ashes	Fatal C	rashes	lnj	ury Crash	es	PDO Crashes
Day	Number	% of Total	Number	% of Fatal	Α	В	С	Number
Monday	1,546	13.8	7	13.7	25	64	127	1,323
Tuesday	1,605	14.4	10	19.6	23	60	131	1,381
Wednesday	1,719	15.4	4	7.8	24	68	155	1,468
Thursday	1,718	15.4	9	17.6	24	63	142	1,480
Friday	1,917	17.2	7	13.7	32	99	148	1,631
Saturday	1,433	12.8	6	11.8	36	82	101	1,208
Sunday	1,235	11.1	8	15.7	30	84	108	1,005
Total	11,173	100.0	51	100.0	194	520	912	9,496



5-Year Trend - Crashes by Weekday and Weekend

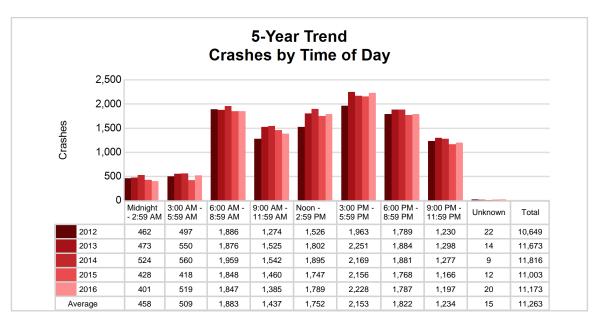
	201	2	2013		2014		201	15	2016		
Portion of Week	Total Crashes	Fatal Crashes									
Weekday	7,997	26	8,942	30	9,130	19	8,297	34	8,505	37	
Weekend	2,652	12	2,731	14	2,686	12	2,706	7	2,668	14	
Total	10,649	38	11,673	44	11,816	31	11,003	41	11,173	51	

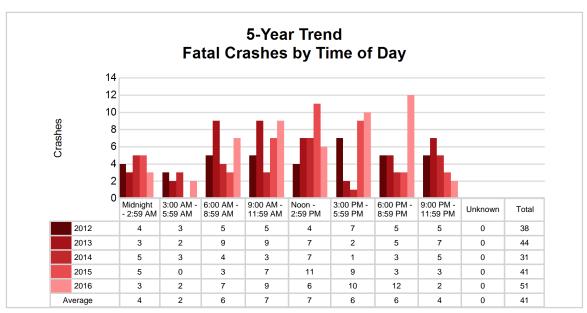


5-Year Trend - Crashes by Time of Day

			201	2	201	3	201	4	201	5	2016		
Time of D	ay		Total Crashes	Fatal Crashes									
Midnight	-	2:59 AM	462	4	473	3	524	5	428	5	401	3	
3:00 AM	-	5:59 AM	497	3	550	2	560	3	418	0	519	2	
6:00 AM	-	8:59 AM	1,886	5	1,876	9	1,959	4	1,848	3	1,847	7	
9:00 AM	-	11:59 AM	1,274	5	1,525	9	1,542	3	1,460	7	1,385	9	
Noon	-	2:59 PM	1,526	4	1,802	7	1,895	7	1,747	11	1,789	6	
3:00 PM	-	5:59 PM	1,963 †	7	2,251 †	2	2,169 †	1	2,156 †	9	2,228 †	10	
6:00 PM	-	8:59 PM	1,789	5	1,884	5	1,881	3	1,768	3	1,787	12	
9:00 PM	-	11:59 PM	1,230	5	1,298	7	1,277	5	1,166	3	1,197	2	
Unknown			22	0	14	0	9	0	12	0	20	0	
Total			10,649	38	11,673	44	11,816	31	11,003	41	11,173	51	

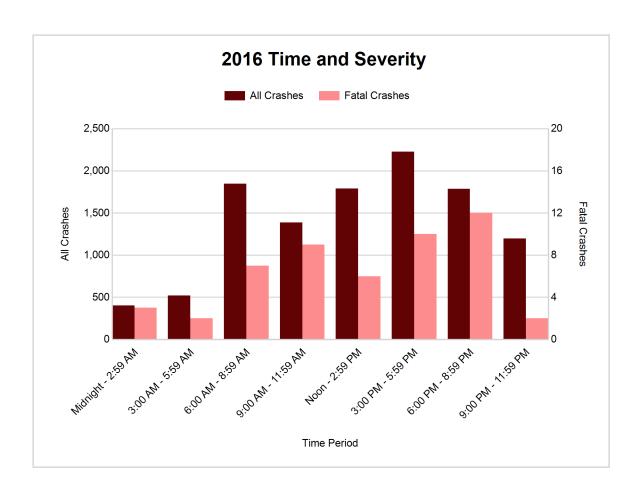
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period





2016 - Time and Severity

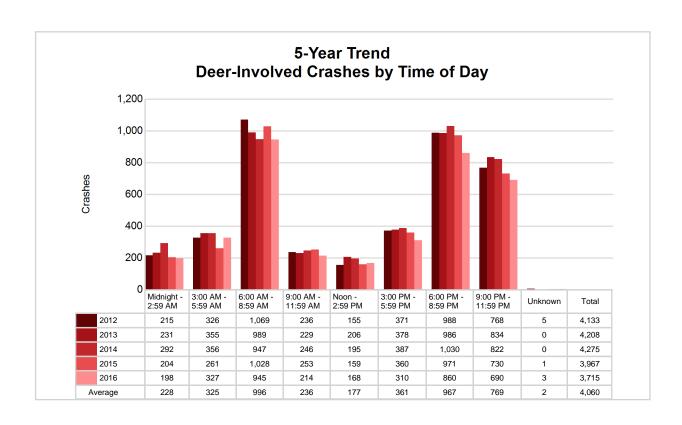
		All Cra	ashes	Fatal C	rashes	Inj	ury Crashe	es	PDO Crashes
Time of D	ay	Number	% of Total	Number	% of Fatal	Α	В	С	Number
Midnight	- 2:59 AM	401	3.6	3	5.9	8	25	19	346
3:00 AM	- 5:59 AM	519	4.6	2	3.9	8	17	30	462
6:00 AM	- 8:59 AM	1,847	16.5	7	13.7	24	55	103	1,658
9:00 AM	- 11:59 AM	1,385	12.4	9	17.6	31	71	121	1,153
Noon	- 2:59 PM	1,789	16.0	6	11.8	42	96	204	1,441
3:00 PM	- 5:59 PM	2,228	19.9	10	19.6	34	115	236	1,833
6:00 PM	- 8:59 PM	1,787	16.0	12	23.5	32	83	126	1,534
9:00 PM	- 11:59 PM	1,197	10.7	2	3.9	15	57	72	1,051
Unknown		20	0.2	0	0.0	0	1	1	18
Total		11,173	100.0	51	100.0	194	520	912	9,496

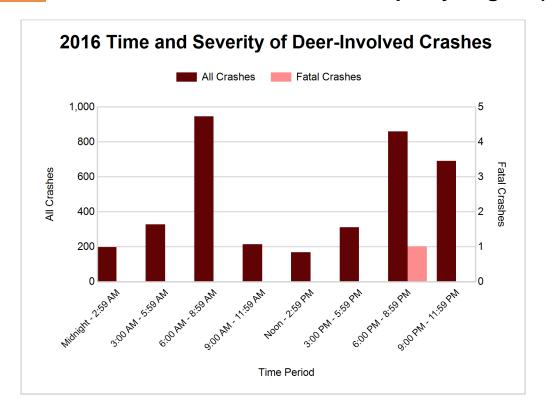


5-Year Trend - Deer-Involved Crashes by Time of Day

			20	12	20	13	20	14	20	15	2016	
Time of D	ay		Total Crashes	Fatal Crashes								
Midnight	-	2:59 AM	215	0	231	0	292	0	204	0	198	0
3:00 AM	-	5:59 AM	326	0	355	0	356	0	261	0	327	0
6:00 AM	-	8:59 AM	1,069	0	989	0	947	0	1,028	0	945	0
9:00 AM	-	11:59 AM	236	0	229	0	246	0	253	0	214	0
Noon	-	2:59 PM	155	0	206	0	195	0	159	0	168	0
3:00 PM	-	5:59 PM	371	0	378	0	387	0	360	0	310	0
6:00 PM	-	8:59 PM	988	0	986	0	1,030	0	971	0	860	1
9:00 PM	-	11:59 PM	768	0	834	0	822	0	730	0	690	0
Unknown			5	0	0	0	0	0	1	0	3	0
Total			4,133	0	4,208	0	4,275	0	3,967	0	3,715	1

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



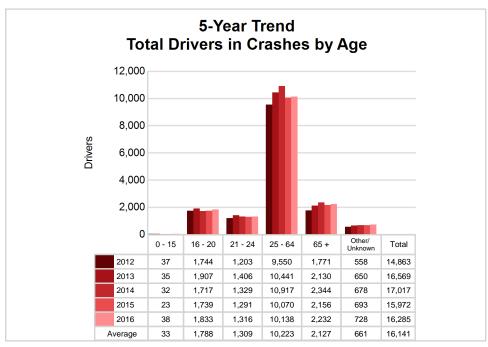


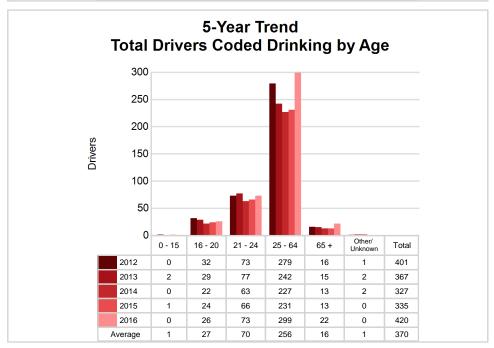
2016 - Reported Motor Vehicle Crashes by County

	Crashes											Pers	sons
County	Total	Fatal	Injury	Property Damage	Inter- state	US Route	State Route	Local Street	Alcohol- Involved	Drug- Involved	Deer- Involved	Fatalities	Injuries
Antrim	792	5	135	652	0	184	155	442	34	10	292	5	184
Benzie	571	1	60	510	0	144	99	327	19	6	288	2	77
Charlevoix	1,034	1	134	899	0	271	199	561	25	2	474	1	183
Emmet	1,479	5	239	1,235	3	504	136	835	46	9	474	5	324
Grand Traverse	3,518	13	529	2,976	0	1,029	430	2,059	127	31	628	15	724
Kalkaska	403	4	90	309	0	103	95	198	29	10	74	4	134
Leelanau	665	4	103	558	0	0	320	344	50	5	287	7	140
Manistee	962	3	103	856	0	255	170	534	30	5	521	3	150
Missaukee	592	5	55	532	0	0	201	390	15	6	363	5	85
Wexford	1,157	10	178	969	0	352	330	472	52	13	314	10	242
Total	11,173	51	1,626	9,496	3	2,842	2,135	6,162	427	97	3,715	57	2,243

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

	20	12	20	13	20	14	20	15	2016		
Driver Age	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Total Drivers in 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	37	0	35	2	32	0	23	1	38	0	
16 - 20	1,744	32	1,907	29	1,717	22	1,739	24	1,833	26	
21 - 24	1,203	73	1,406	77	1,329	63	1,291	66	1,316	73	
25 - 64	9,550	279	10,441	242	10,917	227	10,070	231	10,138	299	
65 +	1,771	16	2,130	15	2,344	13	2,156	13	2,232	22	
Unknown	558	1	650	2	678	2	693	0	728	0	
Total	14,863	401	16,569	367	17,017	327	15,972	335	16,285	420	





2016 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

		Dri	vers		BAC F	Result Rang	ge for Drive	ers Coded	Drinking
Age Group	Total Drivers in Alcohol- Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	to	BAC 0.08 g/dL to 0.16 g/dL	and	BAC Not Reported
0 - 15	0	0	0	0	0	0	0	0	0
16 - 20	34	47	22	26	2	7	8	3	6
21 - 24	84	79	64	73	2	4	22	18	27
25 - 64	376	373	250	299	4	43	83	65	104
65 +	34	43	21	22	0	7	8	3	4
Unknown	25	1	0	0	0	0	0	0	0
Total	553	543	357	420	8	61	121	89	141

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 553 drivers in alcohol-involved crashes; 420 (75.9%) of those drivers were coded as had-been-drinking by the officer on the crash form.

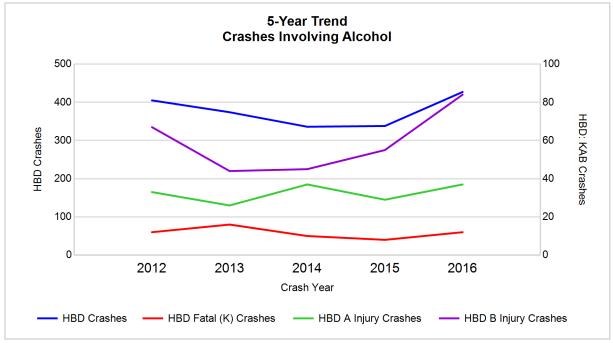
- 210 (50.0%) of the 420 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 89 (42.4%) of the 210 drivers had a BAC at or above 0.17 g/dL.
- 357 (85.0%) of the 420 drivers were coded as hadbeen-drinking and were tested for alcohol consumption.

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	10,649	405	3.8	38	12	31.6	190	33	17.4	459	67	14.6
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**

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



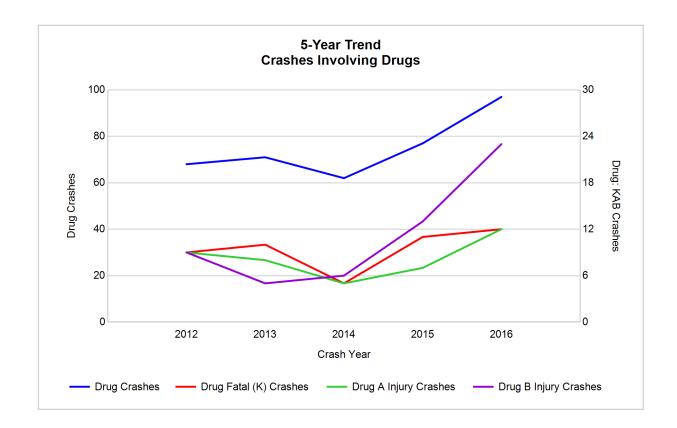
Note: Had-Been-Drinking (HBD)

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
2012	10,649	68	0.6	38	9	23.7	190	9	4.7	459	9	2.0
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**

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

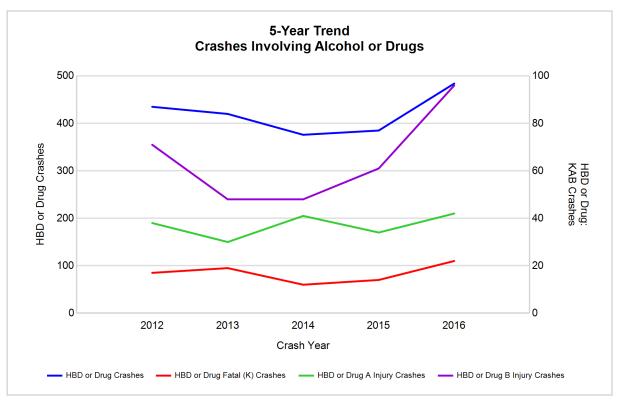
^{**} Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column



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
2012	10,649	435	4.1	38	17	44.7	190	38	20.0	459	71	15.5
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**

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



Note: Had-Been-Drinking (HBD)

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

2016 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Vehicle Type

	ato				0 5111010				9	, , , , , , , ,								
	Tota	I Occupar	nts		Fatalities		A - Su	spected Se	erious	B - Su	spected N	/linor	C - P	ossible In	jury	- 1	No Injury	
Vehicle Type	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
Passenger car, SUV, van	12,794	12,040	94.1	36	22	61.1	169	127	75.1	455	407	89.5	1,018	965	94.8	10,708	10,486	97.9
Motor home	223	209	93.7	0	0	0.0	3	3	100.0	3	3	100.0	13	13	100.0	193	190	98.4
Pickup truck	2,885	2,685	93.1	5	4	80.0	21	8	38.1	93	76	81.7	161	155	96.3	2,493	2,439	97.8
Small truck under 10,000 lbs. GVWR	154	141	91.6	0	0	0.0	2	2	100.0	8	7	87.5	10	10	100.0	122	120	98.4
Motorcycle	153	108	70.6	4	1	25.0	22	15	68.2	56	41	73.2	38	30	78.9	30	21	70.0
Moped / goped	16	7	43.8	0	0	0.0	3	0	0.0	7	4	57.1	6	3	50.0	0	0	0.0
Go-cart / golf cart	2	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	1	0	0.0	0	0	0.0
Snowmobile	29	25	86.2	2	1	50.0	5	4	80.0	9	8	88.9	3	3	100.0	9	9	100.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	35	23	65.7	2	0	0.0	11	6	54.5	8	7	87.5	10	8	80.0	4	2	50.0
Other	70	46	65.7	0	0	0.0	1	1	100.0	1	1	100.0	2	1	50.0	55	43	78.2
Truck/bus over 10,000 lbs.	339	311	91.7	0	0	0.0	1	1	100.0	6	3	50.0	14	9	64.3	306	298	97.4
Unknown	188	4	2.1	0	0	0.0	1	0	0.0	0	0	0.0	1	1	100.0	6	2	33.3
Total	16,888	15,599	92.4	49	28	57.1	239	167	69.9	647	557	86.1	1,277	1,198	93.8	13,926	13,610	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

	Tota	al Occupar	nts	1	Fatalities		A - Su	spected Se	rious	B - Su	spected N	linor	C - P	ossible Inj	ury	- 1	No Injury	
Age Group	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
0 - 15	182	154	84.6	1	0	0.0	15	11	73.3	42	34	81.0	100	86	86.0	24	23	95.8
16 - 20	1,919	1,850	96.4	5	3	60.0	37	22	59.5	95	83	87.4	149	140	94.0	1,622	1,592	98.2
21 - 24	1,361	1,304	95.8	3	1	33.3	27	22	81.5	62	52	83.9	90	81	90.0	1,175	1,146	97.5
25 - 64	10,392	10,038	96.6	24	12	50.0	127	84	66.1	365	314	86.0	756	716	94.7	9,080	8,889	97.9
65 +	2,304	2,248	97.6	16	12	75.0	32	28	87.5	82	74	90.2	182	175	96.2	1,986	1,955	98.4
Unknown	730	5	0.7	0	0	0.0	1	0	0.0	1	0	0.0	0	0	0.0	39	5	12.8
Total	16,888	15,599	92.4	49	28	57.1	239	167	69.9	647	557	86.1	1,277	1,198	93.8	13,926	13,610	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

		2012			2013			2014			2015			2016	
Restraint Use	Drivers	Fatal Drivers	Injured Drivers												
No belts available	113	0	15	71	1	12	145	0	14	83	1	16	58	0	12
Shoulder belt only used	7	0	1	8	0	2	25	0	2	36	0	9	41	0	3
Lap belt only used	64	0	5	43	0	8	68	0	4	57	0	2	54	0	8
Both lap & shoulder belts used	13,606	16	1,181	15,284	18	1,297	15,594	8	1,175	14,609	11	1,191	14,851	20	1,303
No belts used	110	8	51	83	9	33	126	3	40	112	10	51	121	9	58
Child restraint used	3	0	0	1	0	0	0	0	0	0	0	0	3	0	1
Child restraint not used, unavailable or improper use	4	0	0	3	0	0	1	0	0	0	0	0	0	0	0
Restraint failure	9	0	1	13	0	1	6	1	1	4	0	0	6	0	2
Restraint use unknown	254	3	33	280	1	35	293	1	39	248	2	24	599	2	38
Helmet worn	163	5	109	155	2	116	136	2	107	124	6	87	137	2	104
Helmet not worn	34	2	28	32	0	30	34	0	27	52	0	40	44	5	31
Helmet use unknown	8	0	2	5	1	2	5	0	2	11	1	5	11	0	8
Uncoded & errors	488	0	1	591	0	2	584	0	0	636	0	2	360	0	3
Total	14,863	34	1,427	16,569	32	1,538	17,017	15	1,411	15,972	31	1,427	16,285	38	1,571

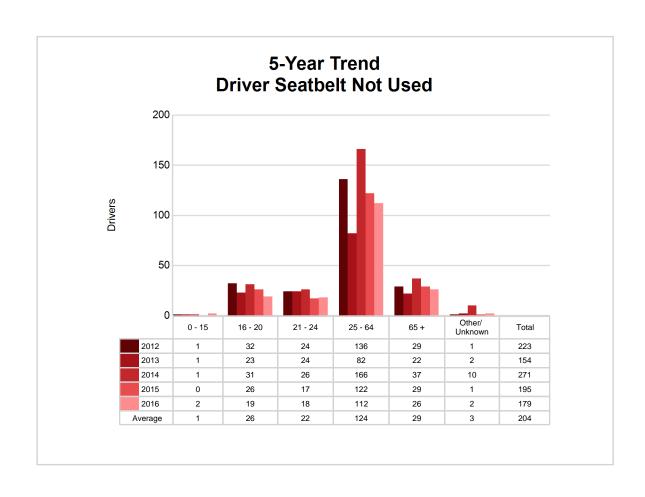
5-Year Trend - Restraint Use Among Drivers Coded Drinking

		2012			2013			2014			2015			2016	
Restraint Use	Drivers	Fatal Drivers	Injured Drivers												
No belts available	3	0	1	0	0	0	6	0	1	3	0	3	3	0	1
Shoulder belt only used	2	0	0	2	0	2	1	0	1	1	0	0	1	0	1
Lap belt only used	1	0	0	3	0	2	2	0	0	1	0	1	0	0	0
Both lap & shoulder belts used	298	3	80	255	4	60	228	1	62	248	2	69	313	3	93
No belts used	26	6	13	21	6	9	20	2	17	24	3	16	27	4	18
Child restraint used	0	0	0	0	0	0	0	0	0	0	0	0	1	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	2	0	0	0	0	0	1	0	1
Restraint use unknown	55	1	19	67	1	19	48	1	15	39	0	12	55	0	20
Helmet worn	8	2	6	13	1	10	11	1	8	9	2	7	10	1	7
Helmet not worn	7	0	6	4	0	4	7	0	7	8	0	8	4	1	3
Helmet use unknown	0	0	0	0	0	0	1	0	0	1	0	1	2	0	2
Uncoded & errors	1	0	0	2	0	0	1	0	0	1	0	0	3	0	2
Total	401	12	125	367	12	106	327	5	111	335	7	117	420	9	148

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

		2012			2013			2014			2015			2016	
Age Group	Drivers	Fatal Drivers	Injured Drivers												
0 - 15	1	0	0	1	0	1	1	0	0	0	0	0	2	0	2
16 - 20	32	1	12	23	0	14	31	1	8	26	1	13	19	1	7
21 - 24	24	2	9	24	1	5	26	0	11	17	1	3	18	1	9
25 - 64	136	2	37	82	6	22	166	2	32	122	6	43	112	5	43
65 +	29	3	8	22	3	3	37	0	3	29	3	8	26	2	9
Unknown	1	0	0	2	0	0	10	0	0	1	0	0	2	0	0
Total	223	8	66	154	10	45	271	3	54	195	11	67	179	9	70

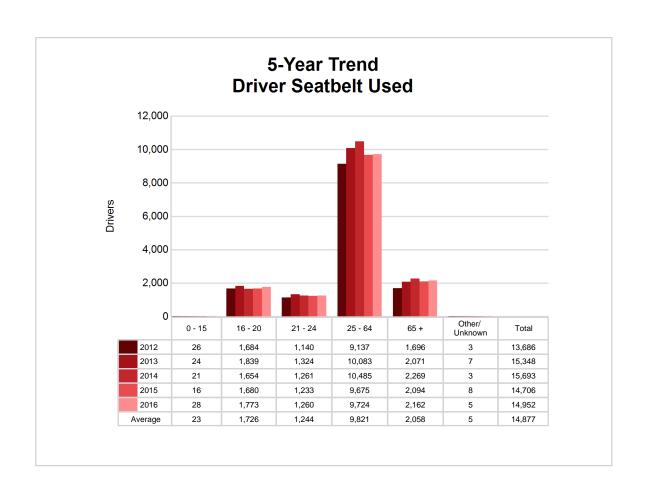
Note: Seatbelt Not Used includes no belts available or no belts used.



5-Year Trend - Seatbelt Used Among Drivers by Age

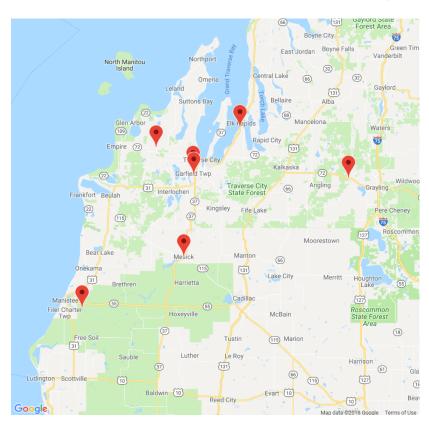
		2012			2013			2014			2015			2016	
Age Group	Drivers	Fatal Drivers	Injured Drivers												
0 - 15	26	0	1	24	1	1	21	0	3	16	0	3	28	0	5
16 - 20	1,684	1	181	1,839	3	169	1,654	1	136	1,680	3	168	1,773	2	170
21 - 24	1,140	3	92	1,324	0	121	1,261	3	113	1,233	0	114	1,260	1	115
25 - 64	9,137	8	739	10,083	7	804	10,485	5	726	9,675	4	713	9,724	6	831
65 +	1,696	4	175	2,071	7	212	2,269	0	204	2,094	4	204	2,162	11	195
Unknown	3	0	0	7	0	1	3	0	0	8	0	0	5	0	0
Total	13,686	16	1,188	15,348	18	1,308	15,693	9	1,182	14,706	11	1,202	14,952	20	1,316

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

	20	12	20	13	20	14	20	15	20	16
Hazardous Action	Total Drivers in Crashes	Drivers in Fatal Crashes								
None	8,619	25	9,328	27	9,851	18	9,384	22	9,167	34
Speed too fast	1,541	10	2,106	16	2,004	11	1,494	15	1,720	13
Speed too slow	14	0	21	0	19	0	20	0	15	0
Failed to yield	1,193	6	1,217	3	1,414	2	1,287	4	1,351	8
Disregard traffic control	173	1	178	9	184	0	168	0	179	4
Drove wrong way	4	0	3	0	8	0	8	0	9	0
Drove left of center	101	4	120	1	125	4	96	7	130	6
Improper passing	73	1	59	0	76	0	76	0	73	0
Improper lane use	130	0	198	0	174	1	188	0	210	3
Improper turn	80	0	81	0	92	0	90	0	104	0
Improper/no signal	28	1	29	0	38	0	20	0	9	0
Improper backing	205	0	226	0	268	0	257	0	253	0
Unable to stop in assured clear distance	1,410	1	1,684	0	1,646	0	1,667	3	1,666	1
Other	453	3	431	1	492	2	501	1	475	1
Unknown	203	4	252	4	227	2	259	5	414	9
Reckless driving	63	1	55	2	35	2	61	2	57	1
Careless/negligent driving	392	3	384	3	298	1	334	4	381	3
Uncoded & errors	181	1	197	0	66	0	62	0	72	3
Total	14,863	61	16,569	66	17,017	43	15,972	63	16,285	86



The picture above represents all 2016 alcohol-involved fatal crashes in Northwest Prosperity Region.

In 2016, there were 427 alcohol-involved crashes in Northwest Prosperity Region:

- 12 K Fatal Crashes
- 37 A Suspected Serious Injury Crashes
- 84 B Suspected Minor Injury Crashes
- 66 C Possible Injury Crashes
- 228 O Property Damage Only/No Injury Crashes

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