



2016

**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 & MDOT Prosperity Region - University

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

Beginning October 2015, Prosperity Region - University is comprised of Clinton, Eaton, Hillsdale, Ingham, Jackson, Lenawee, Livingston, Monroe, and Washtenaw 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.

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## Prosperity Region - University Experience

The 2016\* comprehensive cost of traffic crashes was \$5,270,000,000.\*\* Fatalities cost \$1,170,000,000, injuries cost \$2,420,000,000, and 'Property Damage Only' crashes cost \$1,680,000,000.

In 2016:

There were 75,994 drivers involved in 45,172 motor vehicle crashes in Prosperity Region 7. Of those crashes, 141 were classified as fatal, resulting in 153 fatalities. An additional 10,497 persons were injured.

Prosperity Region 7 experienced the highest number of motor vehicle crashes (4,742) in December, the highest number of fatal crashes (21) and the highest number of persons killed (21) in September.

Michigan driver statistics indicate 7.2 percent of licensed drivers in Prosperity Region 7 were age 16-20, and 12.3 percent of drivers in crashes were also in that age group.

\* 2016 National Safety Council data for average costs of motor vehicle crashes not yet available.

\*\* 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	4,135	4	563	3,568	4	733
February	3,913	8	633	3,272	9	816
March	3,586	5	578	3,003	5	767
April	3,112	11	558	2,543	12	753
May	3,445	11	700	2,734	11	964
June	3,403	15	659	2,729	16	906
July	3,138	17	690	2,431	18	940
August	3,183	12	667	2,504	14	903
September	3,596	21	743	2,832	21	1,048
October	4,307	16	697	3,594	17	968
November	4,612	13	653	3,946	16	895
December	4,742	8	618	4,116	10	804
<b>Total</b>	<b>45,172</b>	<b>141</b>	<b>7,759</b>	<b>37,272</b>	<b>153</b>	<b>10,497</b>

## 2016 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2016 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	269,267	8,042	110	4.1	136.8
16 - 20	126,853	78,060	9,376	739.1	1,201.1
21 - 24	109,058	77,768	8,388	769.1	1,078.6
25 - 64	752,010	714,158	45,804	609.1	641.4
65 +	223,190	204,845	7,108	318.5	347.0
Unknown	0	0	5,208	- -	- -
<b>Total</b>	<b>1,480,378</b>	<b>1,082,873</b>	<b>75,994</b>	<b>513.3</b>	<b>701.8</b>

## 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	61,004	80.3	137	60.9	11,150	49,717
Motor home	1,311	1.7	0	0.0	240	1,071
Pickup truck	8,399	11.1	29	12.9	1,488	6,882
Small truck under 10,000 lbs. GVWR	806	1.1	3	1.3	139	664
Motorcycle	500	0.7	29	12.9	356	115
Moped / goped	86	0.1	1	0.4	69	16
Go-cart / golf cart	10	0.0	0	0.0	4	6
Snowmobile	2	0.0	0	0.0	1	1
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	20	0.0	2	0.9	15	3
Other	419	0.6	3	1.3	74	342
Truck/bus over 10,000 lbs.	2,144	2.8	21	9.3	366	1,757
Unknown	1,293	1.7	0	0.0	90	1,203
<b>Total</b>	<b>75,994</b>	<b>100.0</b>	<b>225</b>	<b>100.0</b>	<b>13,992</b>	<b>61,777</b>

# Prosperity Region - University (continued)

## 5-Year Trend - Crashes by Month

Month	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
January	4,304	7	4,023	7	5,924	8	4,840	5	4,135	4
February	3,450	8	3,784	7	4,109	10	3,855	4	3,913	8
March	2,825	11	2,909	11	3,581	7	2,966	7	3,586	5
April	2,530	12	2,747	8	2,638	14	2,612	5	3,112	11
May	3,016	12	3,207	8	3,040	13	3,145	9	3,445	11
June	3,111	21	3,080	11	3,009	19	3,266	15	3,403	15
July	2,619	10	2,884	12	2,778	13	3,118	15	3,138	17
August	2,588	17	2,869	22	2,682	9	2,943	11	3,183	12
September	2,956	12	3,193	13	3,183	18	3,426	9	3,596	21
October	4,091	13	4,256	14	4,306	8	4,396	17	4,307	16
November	4,197	10	4,491	18	5,042	9	5,026	3	4,612	13
December	4,152	12	4,649	7	3,498	11	3,801	9	4,742	8
<b>Total</b>	<b>39,839</b>	<b>145</b>	<b>42,092</b>	<b>138</b>	<b>43,790</b>	<b>139</b>	<b>43,394</b>	<b>109</b>	<b>45,172</b>	<b>141</b>

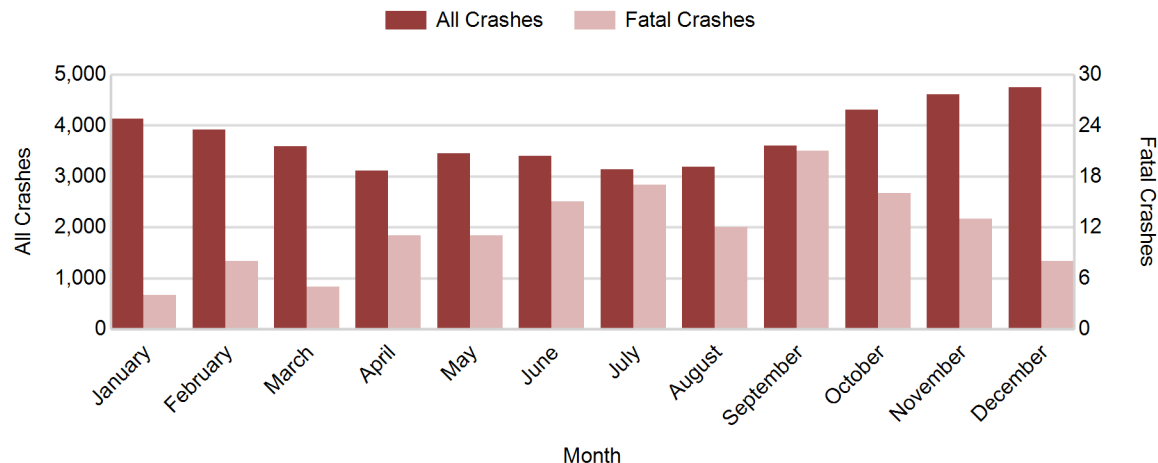
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

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

Day	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
Monday	5,741	13	6,279	18	5,918	13	6,379	11	6,195	23
Tuesday	5,545	24	6,302	12	6,495	19	6,567	10	6,969	21
Wednesday	5,717	13	6,319	24	6,971	19	6,690	23	7,235	16
Thursday	5,783	20	6,314	15	7,392	18	6,230	17	7,276	17
Friday	7,350	22	6,850	30	7,207	25	7,095	17	7,667	22
Saturday	5,418	33	5,618	21	5,373	25	5,892	14	5,440	25
Sunday	4,285	20	4,410	18	4,434	20	4,541	17	4,390	17
<b>Total</b>	<b>39,839</b>	<b>145</b>	<b>42,092</b>	<b>138</b>	<b>43,790</b>	<b>139</b>	<b>43,394</b>	<b>109</b>	<b>45,172</b>	<b>141</b>

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

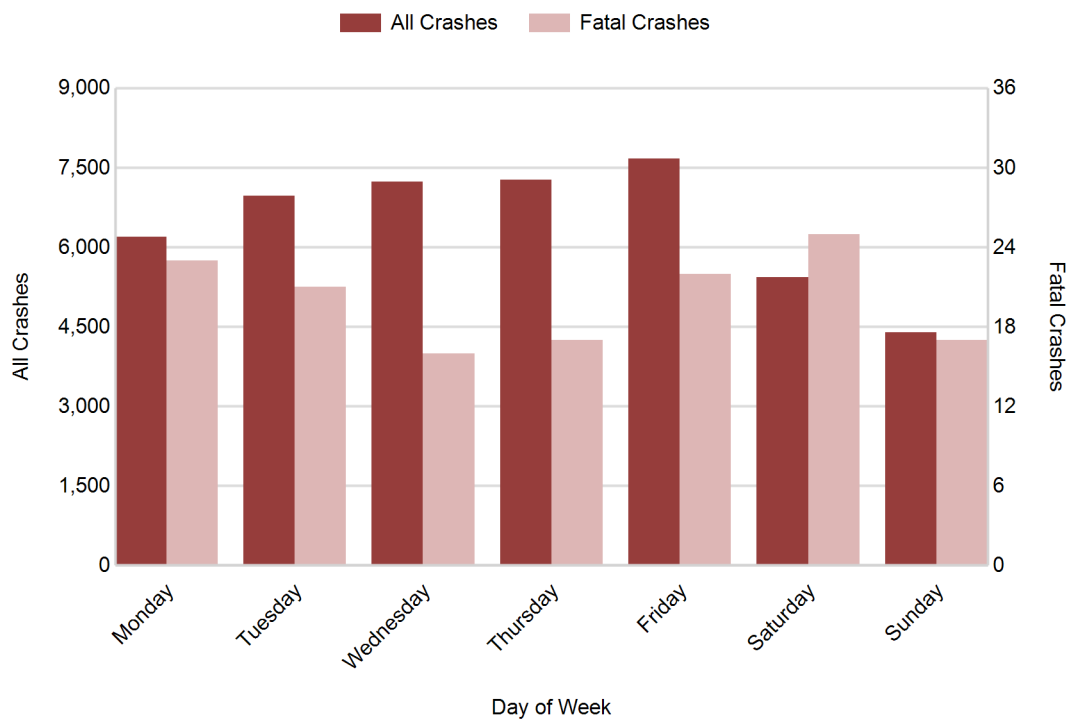
## 2016 Crashes by Month



## 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	6,195	13.7	23	16.3	85	295	685	5,107
Tuesday	6,969	15.4	21	14.9	87	329	774	5,758
Wednesday	7,235	16.0	16	11.3	82	304	796	6,037
Thursday	7,276	16.1	17	12.1	99	300	812	6,048
Friday	7,667	17.0	22	15.6	112	370	808	6,355
Saturday	5,440	12.0	25	17.7	94	315	583	4,423
Sunday	4,390	9.7	17	12.1	86	287	456	3,544
<b>Total</b>	<b>45,172</b>	<b>100.0</b>	<b>141</b>	<b>100.0</b>	<b>645</b>	<b>2,200</b>	<b>4,914</b>	<b>37,272</b>

## 2016 Day of Week and Severity

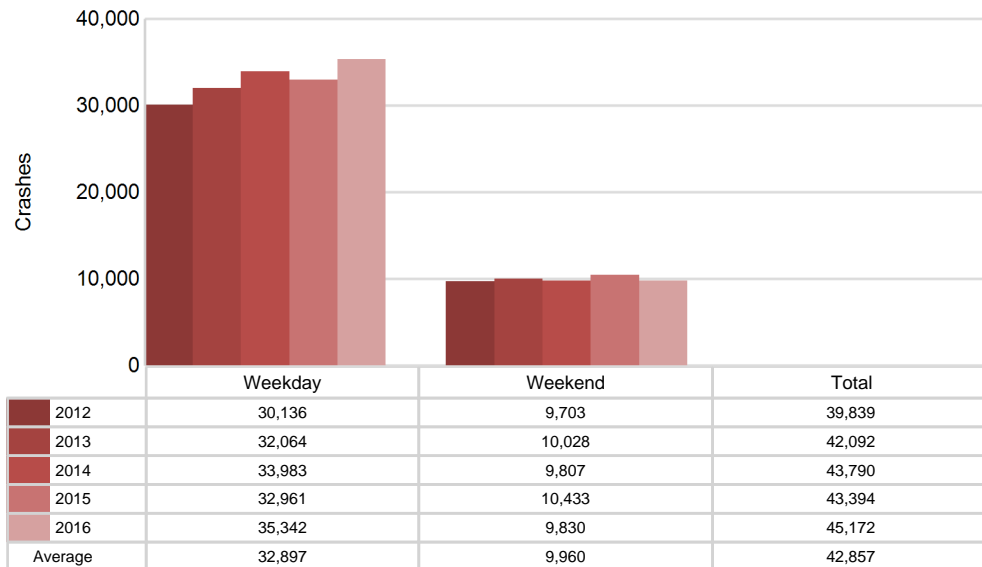


## Prosperity Region - University (continued)

### 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	30,136	92	32,064	99	33,983	94	32,961	78	35,342	99
Weekend	9,703	53	10,028	39	9,807	45	10,433	31	9,830	42
<b>Total</b>	<b>39,839</b>	<b>145</b>	<b>42,092</b>	<b>138</b>	<b>43,790</b>	<b>139</b>	<b>43,394</b>	<b>109</b>	<b>45,172</b>	<b>141</b>

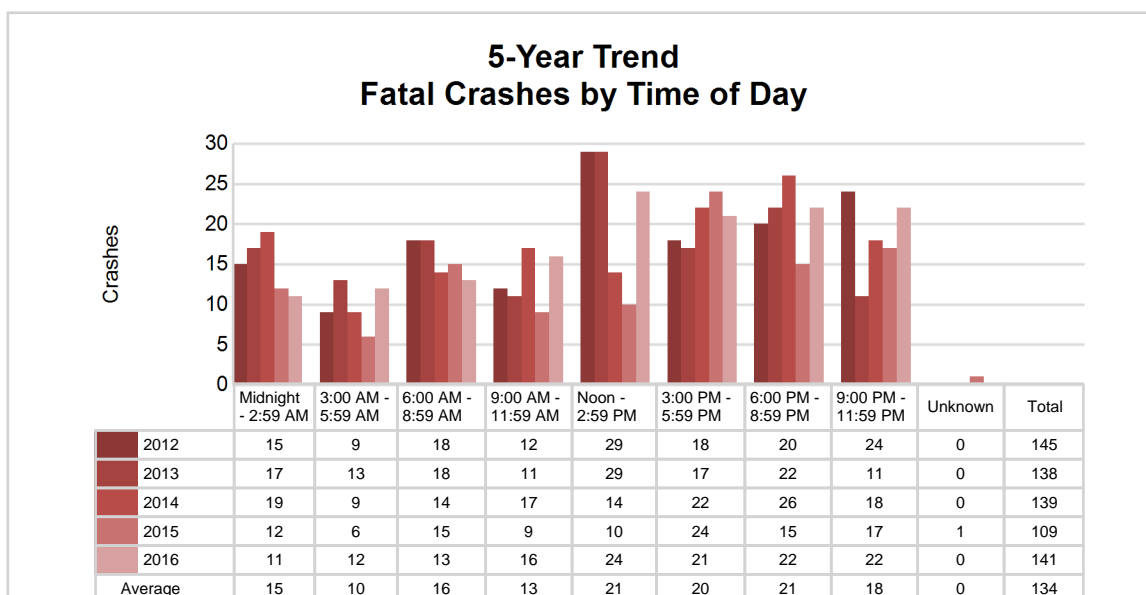
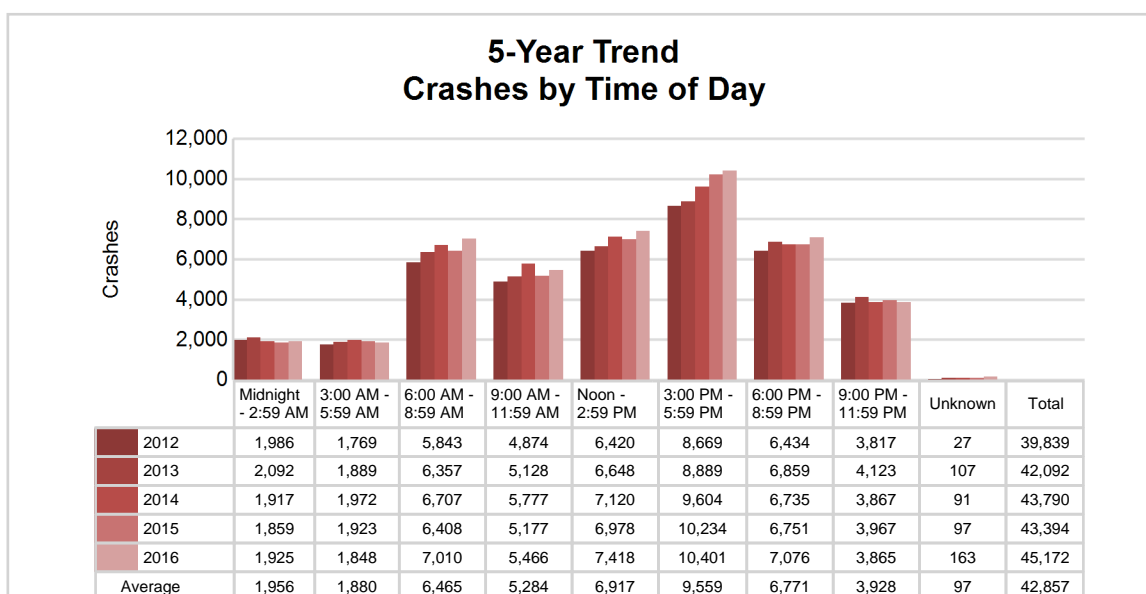
### 5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



## 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	1,986	15	2,092	17	1,917	19	1,859	12	1,925	11
3:00 AM - 5:59 AM	1,769	9	1,889	13	1,972	9	1,923	6	1,848	12
6:00 AM - 8:59 AM	5,843	18	6,357	18	6,707	14	6,408	15	7,010	13
9:00 AM - 11:59 AM	4,874	12	5,128	11	5,777	17	5,177	9	5,466	16
Noon - 2:59 PM	6,420	29	6,648	29	7,120	14	6,978	10	7,418	24
3:00 PM - 5:59 PM	8,669 †	18	8,889 †	17	9,604 †	22	10,234 †	24	10,401 †	21
6:00 PM - 8:59 PM	6,434	20	6,859	22	6,735	26	6,751	15	7,076	22
9:00 PM - 11:59 PM	3,817	24	4,123	11	3,867	18	3,967	17	3,865	22
Unknown	27	0	107	0	91	0	97	1	163	0
<b>Total</b>	<b>39,839</b>	<b>145</b>	<b>42,092</b>	<b>138</b>	<b>43,790</b>	<b>139</b>	<b>43,394</b>	<b>109</b>	<b>45,172</b>	<b>141</b>

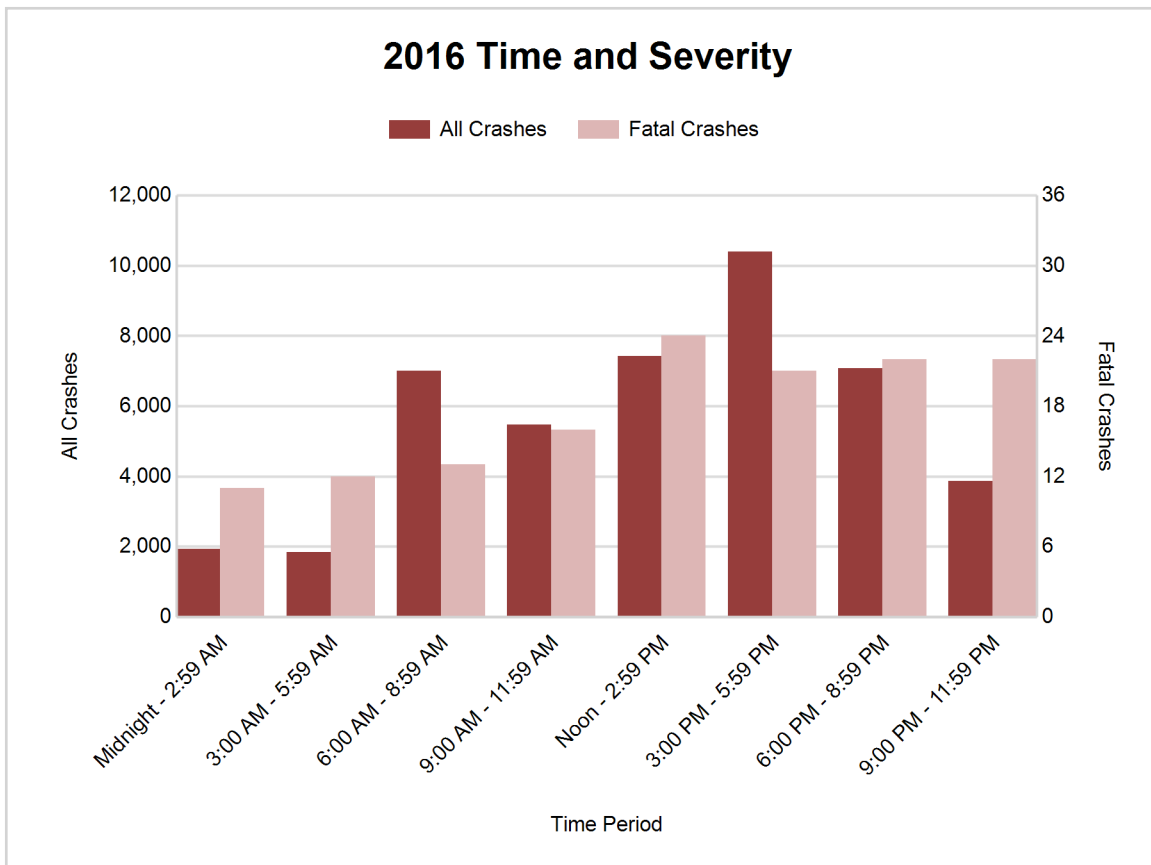
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period



# Prosperity Region - University (continued)

## 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	1,925	4.3	11	7.8	45	152	159	1,558
3:00 AM - 5:59 AM	1,848	4.1	12	8.5	30	97	134	1,575
6:00 AM - 8:59 AM	7,010	15.5	13	9.2	78	294	656	5,969
9:00 AM - 11:59 AM	5,466	12.1	16	11.3	65	264	640	4,481
Noon - 2:59 PM	7,418	16.4	24	17.0	110	363	971	5,950
3:00 PM - 5:59 PM	10,401	23.0	21	14.9	141	505	1,310	8,424
6:00 PM - 8:59 PM	7,076	15.7	22	15.6	100	346	683	5,925
9:00 PM - 11:59 PM	3,865	8.6	22	15.6	74	174	336	3,259
Unknown	163	0.4	0	0.0	2	5	25	131
<b>Total</b>	<b>45,172</b>	<b>100.0</b>	<b>141</b>	<b>100.0</b>	<b>645</b>	<b>2,200</b>	<b>4,914</b>	<b>37,272</b>

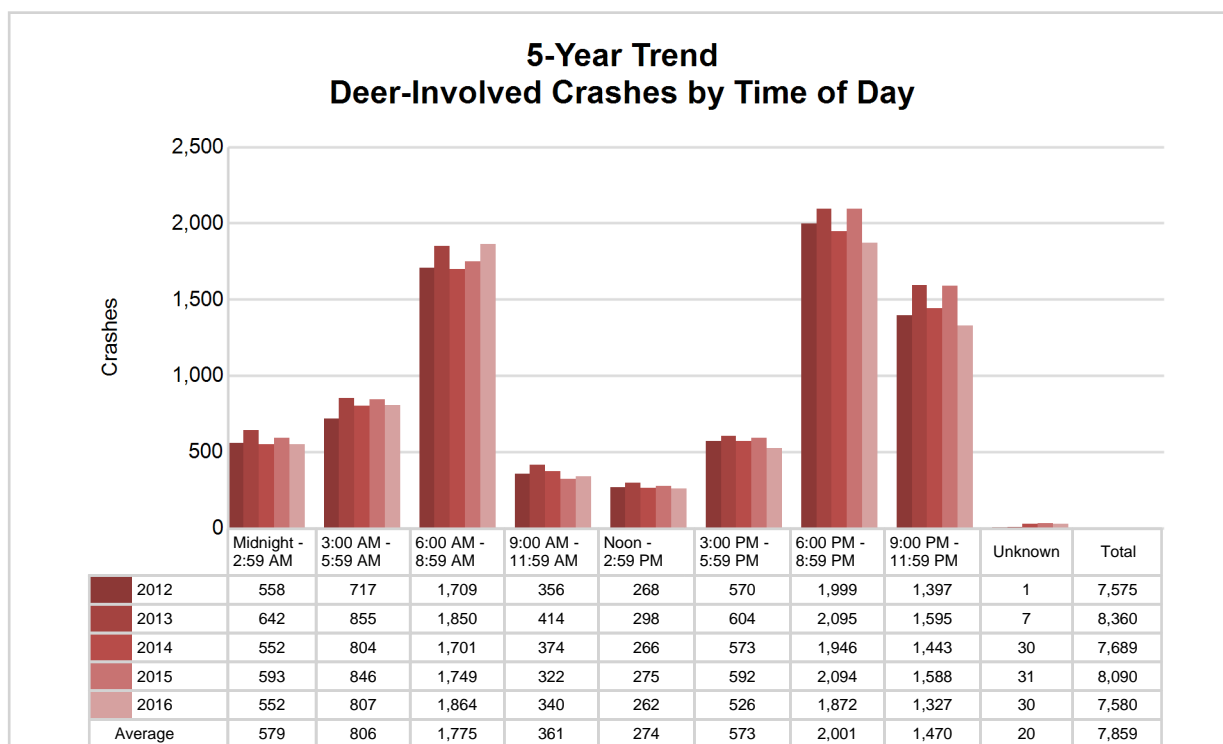




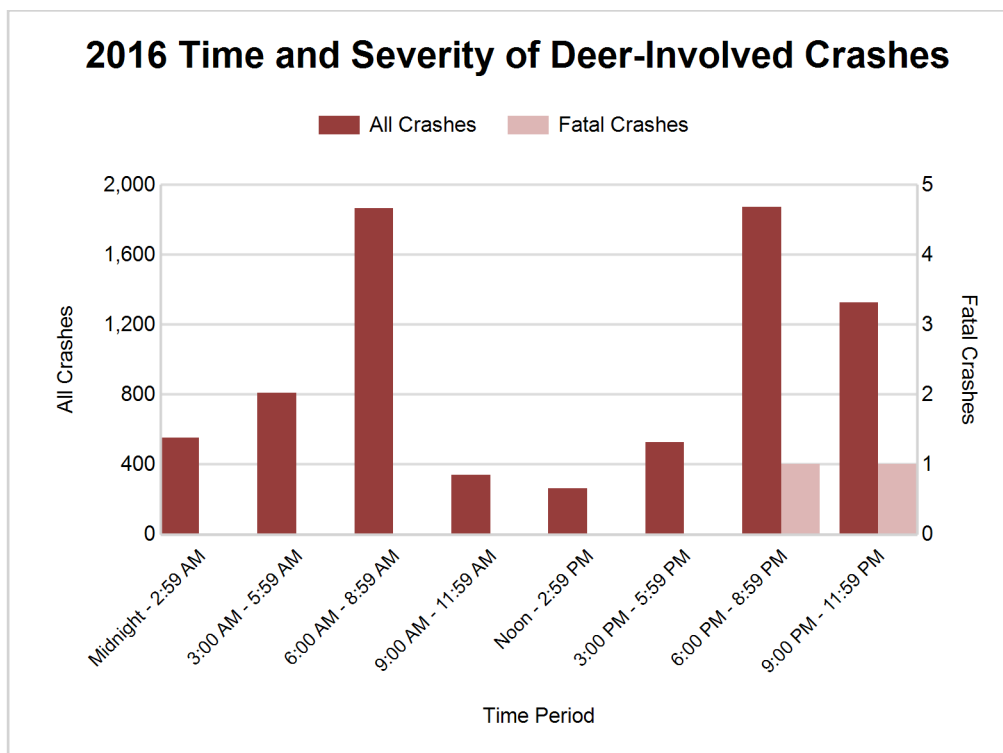
## 5-Year Trend - Deer-Involved Crashes by Time of Day

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	558	0	642	0	552	0	593	1	552	0
3:00 AM - 5:59 AM	717	0	855	0	804	0	846	1	807	0
6:00 AM - 8:59 AM	1,709	0	1,850	0	1,701	0	1,749	0	1,864	0
9:00 AM - 11:59 AM	356	0	414	0	374	0	322	0	340	0
Noon - 2:59 PM	268	0	298	0	266	1	275	0	262	0
3:00 PM - 5:59 PM	570	0	604	0	573	0	592	0	526	0
6:00 PM - 8:59 PM	1,999 †	0	2,095 †	1	1,946 †	1	2,094 †	2	1,872 †	1
9:00 PM - 11:59 PM	1,397	0	1,595	0	1,443	0	1,588	0	1,327	1
Unknown	1	0	7	0	30	0	31	0	30	0
<b>Total</b>	<b>7,575</b>	<b>0</b>	<b>8,360</b>	<b>1</b>	<b>7,689</b>	<b>2</b>	<b>8,090</b>	<b>4</b>	<b>7,580</b>	<b>2</b>

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



## Prosperity Region - University (continued)



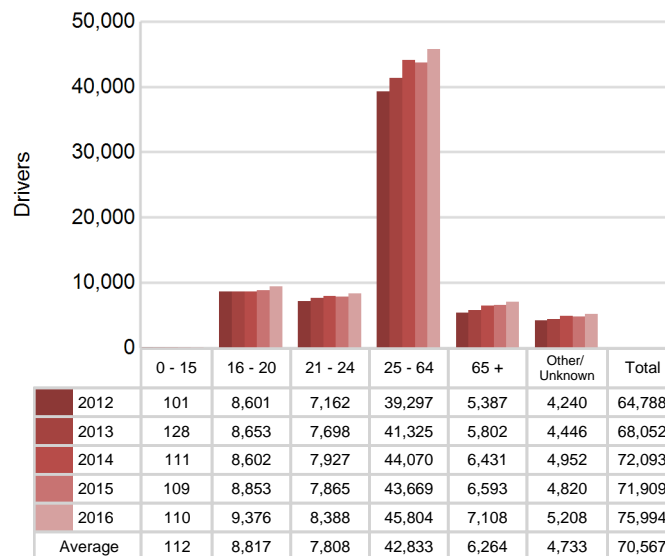
## 2016 - Reported Motor Vehicle Crashes by County

County	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Clinton	2,158	12	294	1,852	359	304	238	1,256	54	16	918	13	426
Eaton	3,368	10	458	2,900	639	0	1,102	1,627	85	23	998	10	625
Hillsdale	1,634	5	196	1,433	0	233	370	1,029	51	14	827	5	258
Ingham	9,947	25	1,926	7,996	1,948	481	2,198	5,317	303	80	1,096	26	2,653
Jackson	5,263	16	846	4,401	942	330	853	3,120	188	51	1,254	18	1,120
Lenawee	2,413	14	477	1,922	0	522	572	1,317	75	28	553	16	648
Livingston	4,929	20	788	4,121	1,029	658	672	2,556	202	47	621	22	1,046
Monroe	3,758	16	665	3,077	582	721	420	2,020	183	53	352	18	930
Washtenaw	11,702	23	2,109	9,570	1,752	1,979	967	6,998	329	103	961	25	2,791
<b>Total</b>	<b>45,172</b>	<b>141</b>	<b>7,759</b>	<b>37,272</b>	<b>7,251</b>	<b>5,228</b>	<b>7,392</b>	<b>25,240</b>	<b>1,470</b>	<b>415</b>	<b>7,580</b>	<b>153</b>	<b>10,497</b>

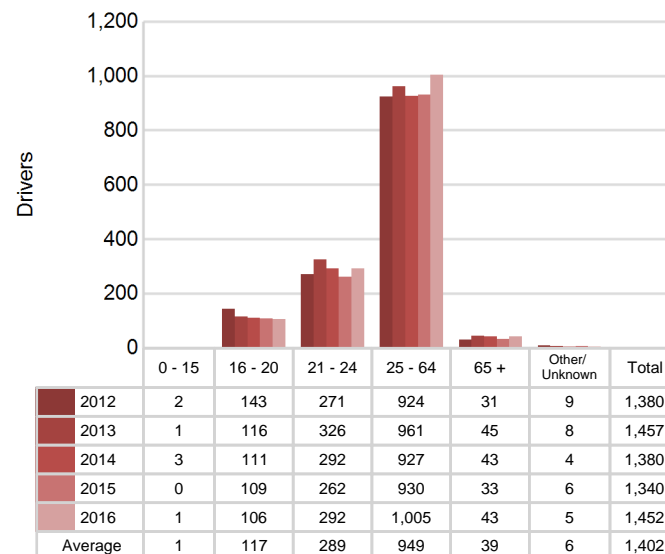
## 5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	101	2	128	1	111	3	109	0	110	1
16 - 20	8,601	143	8,653	116	8,602	111	8,853	109	9,376	106
21 - 24	7,162	271	7,698	326	7,927	292	7,865	262	8,388	292
25 - 64	39,297	924	41,325	961	44,070	927	43,669	930	45,804	1,005
65 +	5,387	31	5,802	45	6,431	43	6,593	33	7,108	43
Unknown	4,240	9	4,446	8	4,952	4	4,820	6	5,208	5
<b>Total</b>	<b>64,788</b>	<b>1,380</b>	<b>68,052</b>	<b>1,457</b>	<b>72,093</b>	<b>1,380</b>	<b>71,909</b>	<b>1,340</b>	<b>75,994</b>	<b>1,452</b>

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



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



# Prosperity Region - University (continued)

## 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	0	1
16 - 20	155	147	90	106	5	17	29	12	43
21 - 24	356	308	249	292	4	24	86	78	100
25 - 64	1,351	1,099	844	1,005	14	83	233	268	407
65 +	84	67	38	43	1	6	14	7	15
Unknown	143	5	2	5	0	0	1	1	3
<b>Total</b>	<b>2,090</b>	<b>1,627</b>	<b>1,224</b>	<b>1,452</b>	<b>24</b>	<b>130</b>	<b>363</b>	<b>366</b>	<b>569</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 2016, there were 2,090 drivers in alcohol-involved crashes; 1,452 (69.5%) of those drivers were coded as had-been-drinking by the officer on the crash form.

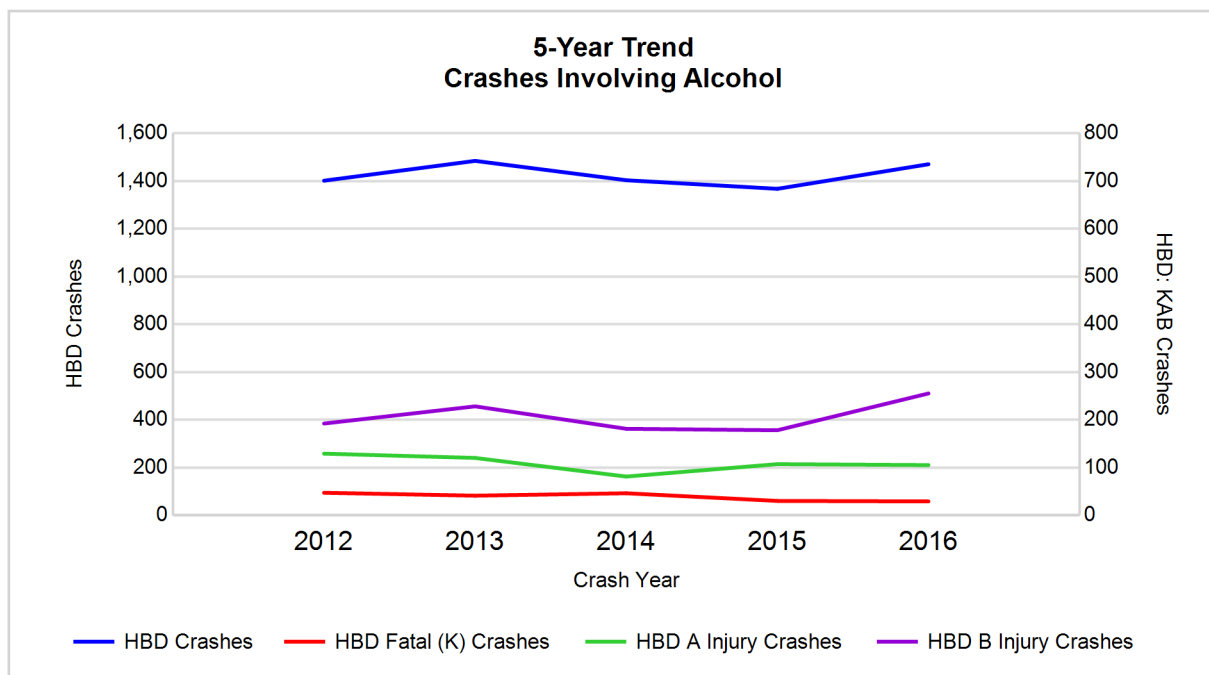
- 729 (50.2%) of the 1,452 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 366 (50.2%) of the 729 drivers had a BAC at or above 0.17 g/dL.
- 1,224 (84.3%) of the 1,452 drivers were coded as had-been-drinking and were tested for alcohol consumption.

## 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	39,839	1,401	3.5	145	47	32.4	696	129	18.5	1,878	192	10.2
2013	42,092	1,484	3.5	138	41	29.7	667	120	18.0	1,985	228	11.5
2014	43,790	1,403	3.2	139	46	33.1	581	81	13.9	1,843	181	9.8
2015	43,394	1,367	3.2	109	30	27.5	561	107	19.1	1,907	178	9.3
2016	45,172**	1,470	3.3	141	29*	20.6*	645	105	16.3	2,200**	255**	11.6**

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



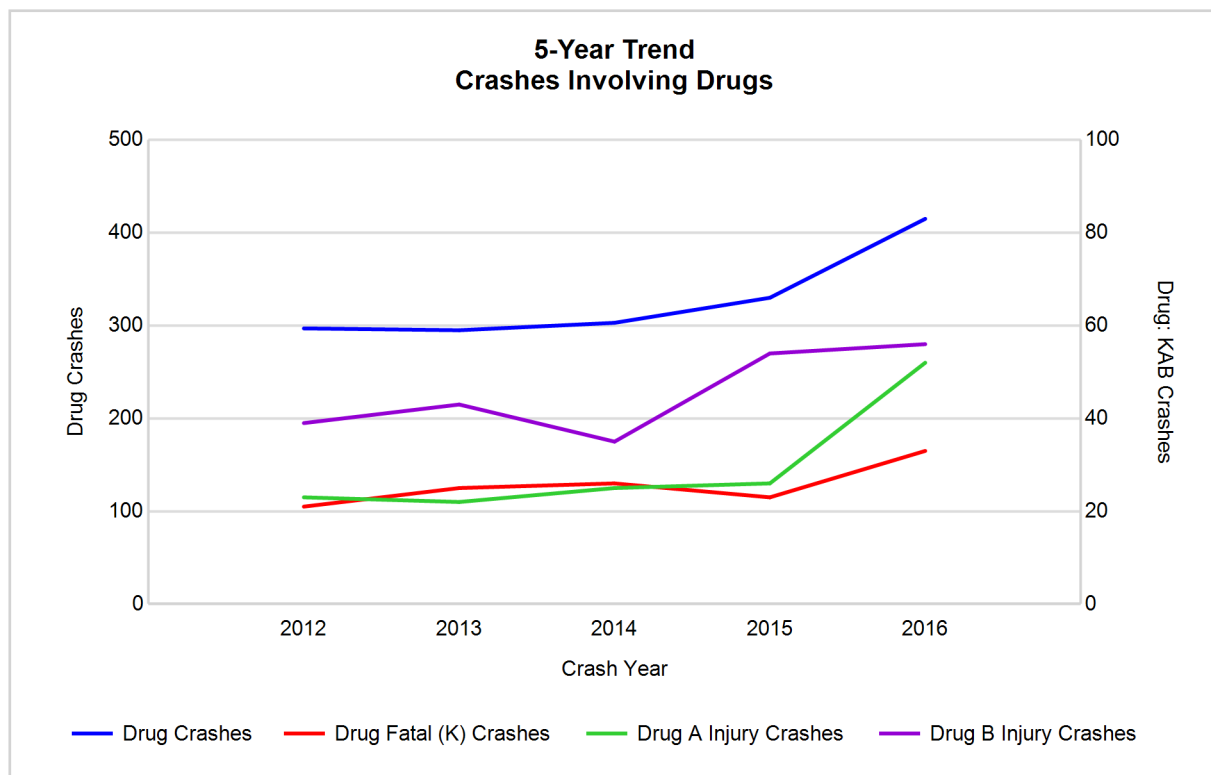
Note: Had-Been-Drinking (HBD)

## 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	39,839	297	0.7	145	21	14.5	696	23	3.3	1,878	39	2.1
2013	42,092	295	0.7	138	25	18.1	667	22	3.3	1,985	43	2.2
2014	43,790	303	0.7	139	26	18.7	581	25	4.3	1,843	35	1.9
2015	43,394	330	0.8	109	23	21.1	561	26	4.6	1,907	54	2.8
2016	45,172**	415**	0.9**	141	33**	23.4**	645	52**	8.1**	2,200**	56**	2.5

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



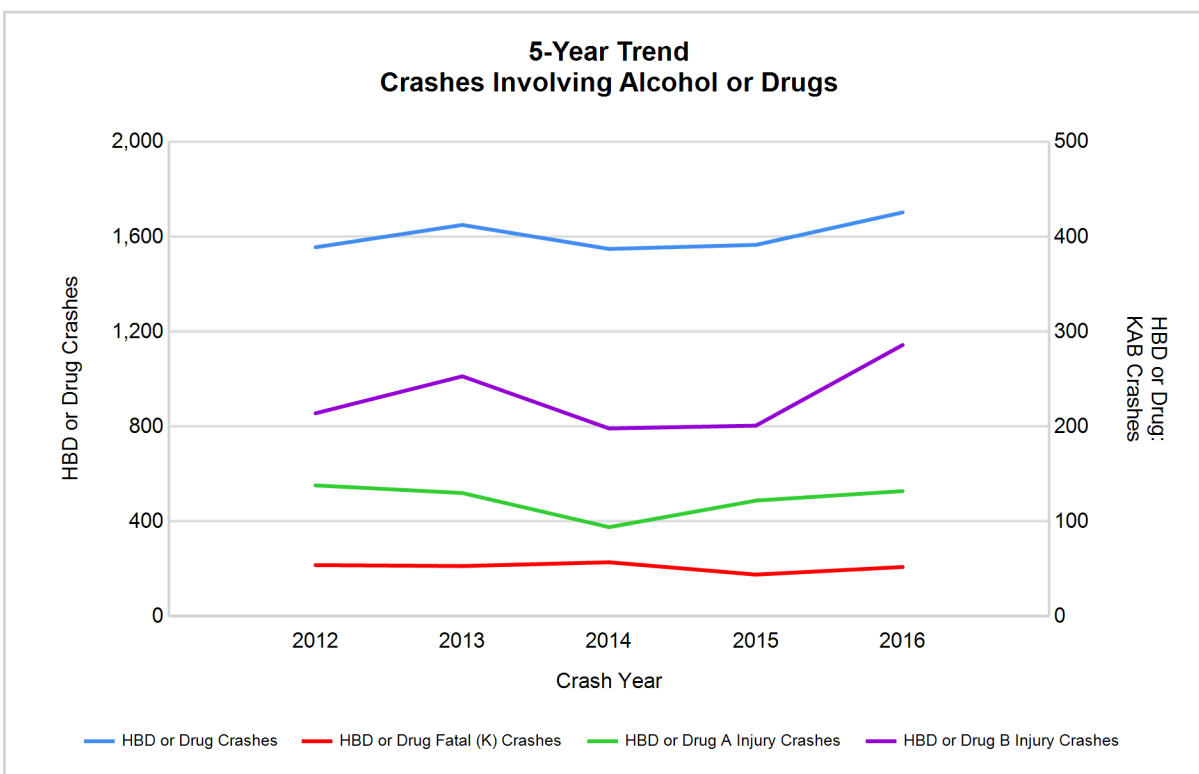
# Prosperity Region - University (continued)

## 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
2012	39,839	1,556	3.9	145	54	37.2	696	138	19.8	1,878	214	11.4
2013	42,092	1,650	3.9	138	53	38.4	667	130	19.5	1,985	253	12.7
2014	43,790	1,549	3.5	139	57	41.0	581	94	16.2	1,843	198	10.7
2015	43,394	1,566	3.6	109	44	40.4	561	122	21.7	1,907	201	10.5
2016	45,172**	1,703**	3.8	141	52	36.9*	645	132	20.5	2,200**	286**	13.0**

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



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	62,994	58,072	92.2	68	46	67.6	472	396	83.9	1,940	1,768	91.1	5,793	5,553	95.9	51,507	50,109	97.3
Motor home	1,359	1,265	93.1	0	0	0.0	3	1	33.3	46	44	95.7	113	108	95.6	1,137	1,112	97.8
Pickup truck	8,582	7,759	90.4	17	6	35.3	71	49	69.0	226	204	90.3	551	505	91.7	7,243	6,984	96.4
Small truck under 10,000 lbs. GVWR	821	752	91.6	3	2	66.7	8	6	75.0	21	16	76.2	57	51	89.5	689	675	98.0
Motorcycle	540	319	59.1	31	12	38.7	100	53	53.0	175	121	69.1	101	65	64.4	110	67	60.9
Moped / goped	92	18	19.6	1	0	0.0	15	6	40.0	34	9	26.5	22	2	9.1	15	1	6.7
Go-cart / golf cart	12	5	41.7	0	0	0.0	2	1	50.0	2	1	50.0	0	0	0.0	5	3	60.0
Snowmobile	2	2	100.0	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0	1	1	100.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	22	5	22.7	1	1	100.0	10	2	20.0	6	1	16.7	2	1	50.0	3	0	0.0
Other	427	272	63.7	0	0	0.0	5	0	0.0	9	6	66.7	27	16	59.3	292	233	79.8
Truck/bus over 10,000 lbs.	2,190	1,968	89.9	5	3	60.0	11	8	72.7	29	19	65.5	95	55	57.9	1,947	1,876	96.4
Unknown	1,293	21	1.6	0	0	0.0	0	0	0.0	0	0	0.0	3	2	66.7	45	15	33.3
<b>Total</b>	<b>78,334</b>	<b>70,458</b>	<b>89.9</b>	<b>126</b>	<b>70</b>	<b>55.6</b>	<b>698</b>	<b>523</b>	<b>74.9</b>	<b>2,488</b>	<b>2,189</b>	<b>88.0</b>	<b>6,764</b>	<b>6,358</b>	<b>94.0</b>	<b>62,994</b>	<b>61,076</b>	<b>97.0</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.

## 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	740	664	89.7	5	2	40.0	35	28	80.0	117	106	90.6	487	441	90.6	92	85	92.4
16 - 20	9,729	9,378	96.4	10	7	70.0	95	73	76.8	400	348	87.0	849	793	93.4	8,346	8,135	97.5
21 - 24	8,591	8,256	96.1	10	5	50.0	88	64	72.7	344	301	87.5	665	619	93.1	7,437	7,235	97.3
25 - 64	46,702	44,956	96.3	79	39	49.4	405	294	72.6	1,344	1,175	87.4	4,004	3,775	94.3	40,622	39,515	97.3
65 +	7,356	7,152	97.2	22	17	77.3	74	64	86.5	283	259	91.5	753	729	96.8	6,195	6,063	97.9
Unknown	5,216	52	1.0	0	0	0.0	1	0	0.0	0	0	0.0	6	1	16.7	302	43	14.2
<b>Total</b>	<b>78,334</b>	<b>70,458</b>	<b>89.9</b>	<b>126</b>	<b>70</b>	<b>55.6</b>	<b>698</b>	<b>523</b>	<b>74.9</b>	<b>2,488</b>	<b>2,189</b>	<b>88.0</b>	<b>6,764</b>	<b>6,358</b>	<b>94.0</b>	<b>62,994</b>	<b>61,076</b>	<b>97.0</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	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	273	1	44	227	1	38	236	1	38	209	1	36	179	0	29
Shoulder belt only used	73	0	12	260	1	24	192	1	17	71	0	9	287	0	41
Lap belt only used	158	0	19	135	1	14	197	0	19	183	2	20	169	0	19
Both lap & shoulder belts used	58,007	45	6,016	60,958	45	5,906	64,424	48	6,040	64,440	30	6,194	67,623	45	6,755
No belts used	477	26	184	457	32	177	456	19	177	469	15	152	438	19	166
Child restraint used	2	0	0	2	0	0	0	0	0	3	0	0	6	0	1
Child restraint not used, unavailable or improper use	3	0	1	2	0	0	3	0	0	1	0	0	1	0	0
Restraint failure	16	0	2	13	0	3	10	0	1	15	0	3	15	0	1
Restraint use unknown	2,308	12	147	2,470	11	165	2,813	12	147	2,598	5	174	4,697	11	221
Helmet worn	436	13	308	419	9	299	350	13	245	359	11	241	316	11	235
Helmet not worn	175	9	130	163	6	120	170	12	119	220	10	158	227	18	160
Helmet use unknown	30	1	14	32	0	17	35	1	16	42	3	19	41	0	26
Uncoded & errors	2,830	0	8	2,914	0	2	3,207	0	4	3,299	0	2	1,995	0	2
<b>Total</b>	<b>64,788</b>	<b>107</b>	<b>6,885</b>	<b>68,052</b>	<b>106</b>	<b>6,765</b>	<b>72,093</b>	<b>107</b>	<b>6,823</b>	<b>71,909</b>	<b>77</b>	<b>7,008</b>	<b>75,994</b>	<b>104</b>	<b>7,656</b>

## 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	6	0	2	9	0	5	8	1	2	9	0	5	4	0	2
Shoulder belt only used	3	0	3	5	0	2	5	1	3	0	0	0	9	0	1
Lap belt only used	4	0	4	2	0	1	5	0	1	6	2	2	3	0	0
Both lap & shoulder belts used	1,013	9	301	1,076	9	311	1,028	12	265	1,001	4	279	1,074	5	355
No belts used	102	11	60	97	10	57	88	8	58	69	7	40	77	7	48
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	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0
Restraint failure	0	0	0	1	0	1	3	0	0	1	0	1	0	0	0
Restraint use unknown	192	4	55	213	1	62	207	6	60	205	1	67	228	1	85
Helmet worn	22	3	18	18	1	11	13	2	8	14	0	13	14	2	11
Helmet not worn	25	5	17	31	5	24	19	4	12	32	5	23	38	3	32
Helmet use unknown	3	1	1	2	0	1	1	0	1	3	1	1	2	0	1
Uncoded & errors	9	0	0	3	0	0	2	0	0	0	0	0	3	0	0
<b>Total</b>	<b>1,380</b>	<b>33</b>	<b>462</b>	<b>1,457</b>	<b>26</b>	<b>475</b>	<b>1,380</b>	<b>34</b>	<b>410</b>	<b>1,340</b>	<b>20</b>	<b>431</b>	<b>1,452</b>	<b>18</b>	<b>535</b>

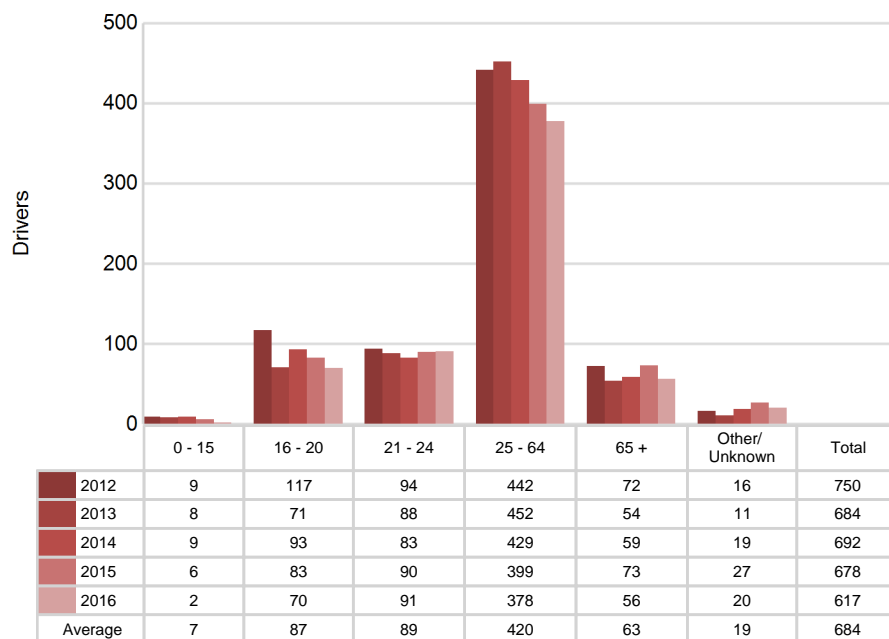


## 5-Year Trend - Seatbelt Not Used Among Drivers by Age

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	9	0	0	8	0	3	9	0	4	6	0	3	2	0	1
16 - 20	117	2	47	71	4	21	93	2	33	83	1	24	70	1	26
21 - 24	94	4	32	88	4	29	83	4	27	90	2	35	91	3	34
25 - 64	442	17	128	452	18	152	429	12	133	399	12	112	378	11	111
65 +	72	4	20	54	7	10	59	2	17	73	1	13	56	4	23
Unknown	16	0	1	11	0	0	19	0	1	27	0	1	20	0	0
<b>Total</b>	<b>750</b>	<b>27</b>	<b>228</b>	<b>684</b>	<b>33</b>	<b>215</b>	<b>692</b>	<b>20</b>	<b>215</b>	<b>678</b>	<b>16</b>	<b>188</b>	<b>617</b>	<b>19</b>	<b>195</b>

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

## 5-Year Trend Driver Seatbelt Not Used

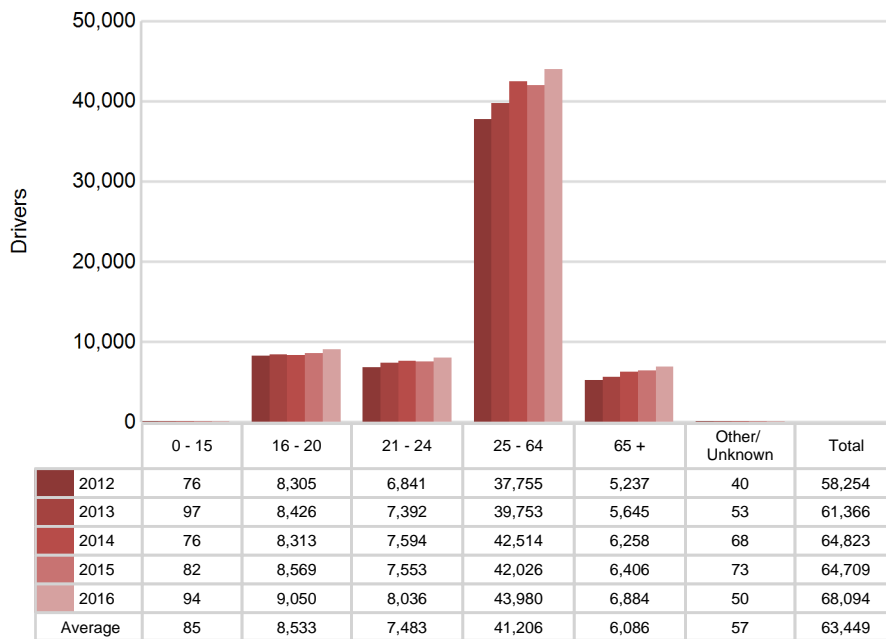


## 5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	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	76	0	10	97	0	10	76	0	10	82	0	9	94	0	9
16 - 20	8,305	6	907	8,426	2	846	8,313	7	774	8,569	6	875	9,050	5	899
21 - 24	6,841	6	695	7,392	5	709	7,594	5	722	7,553	5	672	8,036	3	782
25 - 64	37,755	21	3,846	39,753	29	3,751	42,514	23	3,896	42,026	15	3,986	43,980	26	4,327
65 +	5,237	12	590	5,645	11	631	6,258	14	673	6,406	6	684	6,884	11	799
Unknown	40	0	1	53	0	0	68	0	2	73	0	0	50	0	0
<b>Total</b>	<b>58,254</b>	<b>45</b>	<b>6,049</b>	<b>61,366</b>	<b>47</b>	<b>5,947</b>	<b>64,823</b>	<b>49</b>	<b>6,077</b>	<b>64,709</b>	<b>32</b>	<b>6,226</b>	<b>68,094</b>	<b>45</b>	<b>6,816</b>

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

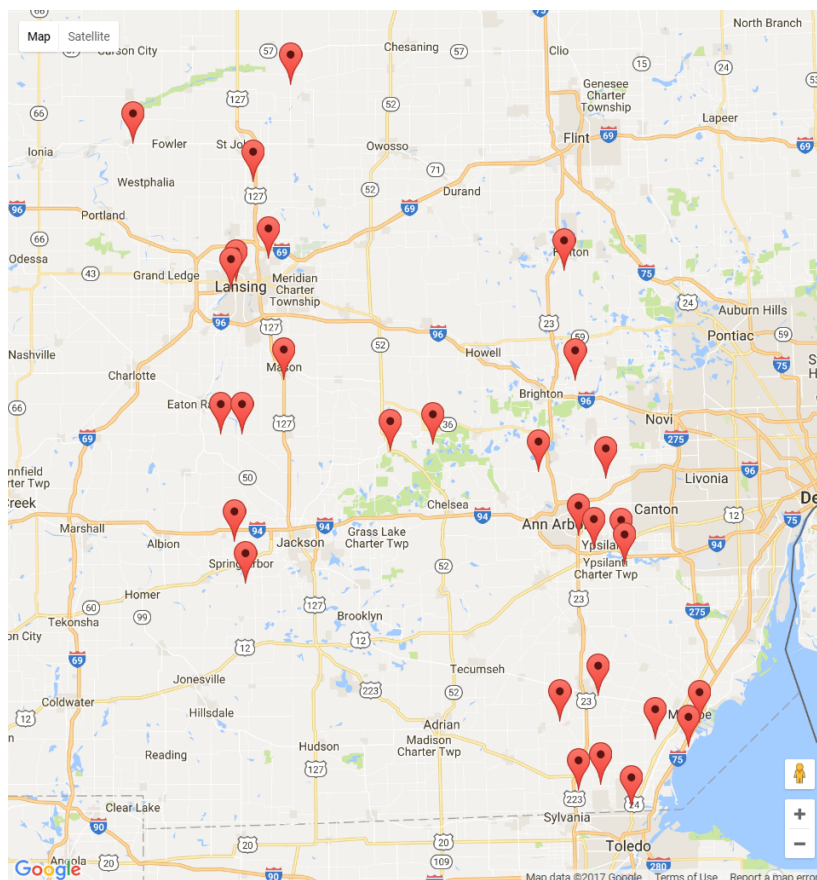
### 5-Year Trend Driver Seatbelt Used



## 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	33,486	82	35,493	84	37,156	79	37,724	82	38,985	98
Speed too fast	4,777	33	5,028	21	6,091	30	4,740	25	4,605	33
Speed too slow	35	1	50	1	45	0	44	0	38	0
Failed to yield	5,718	15	5,912	18	6,350	22	6,284	8	7,036	13
Disregard traffic control	1,077	10	1,082	7	1,115	10	1,265	7	1,305	8
Drove wrong way	51	0	61	0	68	3	48	1	49	0
Drove left of center	316	6	322	14	332	9	363	9	326	6
Improper passing	296	1	319	2	355	1	354	0	360	3
Improper lane use	1,324	0	1,353	2	1,489	1	1,496	1	1,740	1
Improper turn	596	0	634	0	683	1	701	0	738	1
Improper/no signal	107	0	99	1	102	1	125	0	99	0
Improper backing	1,069	0	1,130	0	1,185	0	1,106	0	1,098	0
Unable to stop in assured clear distance	8,764	15	9,178	5	9,413	6	9,844	6	11,032	10
Other	1,789	12	1,950	18	2,031	10	1,883	8	1,905	6
Unknown	1,946	16	2,119	15	2,205	15	2,253	17	2,608	18
Reckless driving	403	6	397	13	326	7	372	3	385	6
Careless/negligent driving	2,252	18	2,192	10	2,371	21	2,560	15	2,487	19
Uncoded & errors	782	4	733	4	776	2	747	0	1,198	3
<b>Total</b>	<b>64,788</b>	<b>219</b>	<b>68,052</b>	<b>215</b>	<b>72,093</b>	<b>218</b>	<b>71,909</b>	<b>182</b>	<b>75,994</b>	<b>225</b>

## Prosperity Region - University (continued)



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

In 2016, there were 1,470 alcohol-involved crashes in Prosperity Region - University:

29 K - Fatal Crashes

105 A - Suspected Serious Injury Crashes

255 B - Suspected Minor Injury Crashes

287 C - Possible Injury Crashes

794 O - Property Damage Only/No Injury Crashes

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