



2015

**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 = Incapacitating Injury

B = Non-incapacitating Injury

C = Possible Injury

O = No Injury

Property Damage Only (PDO)



## Governor's & MDOT Prosperity Region - University

### 2015 Traffic Crash Data & 2011-2015 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.

This page left intentionally blank

## Prosperity Region - University Experience

The 2015\* comprehensive cost of traffic crashes was \$5,485,000,000.\*\* Fatalities cost \$1,475,000,000, injuries cost \$2,345,000,000, and 'Property Damage Only' crashes cost \$1,670,000,000.

In 2015:

There were 71,909 drivers involved in 43,394 motor vehicle crashes in Prosperity Region 7. Of those crashes, 109 were classified as fatal, resulting in 116 fatalities. An additional 9,768 persons were injured.

Prosperity Region 7 experienced the highest number of motor vehicle crashes (5,026) in November, the highest number of fatal crashes (17) in October, and the highest number of persons killed (17) in June and October.

Michigan driver statistics indicate 6.9 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.

\* 2015 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.

## 2015 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	4,840	5	685	4,150	6	898
February	3,855	4	531	3,320	5	727
March	2,966	7	448	2,511	8	598
April	2,612	5	502	2,105	5	670
May	3,145	9	610	2,526	9	827
June	3,266	15	565	2,686	17	772
July	3,118	15	651	2,452	15	916
August	2,943	11	645	2,287	12	862
September	3,426	9	682	2,735	9	947
October	4,396	17	677	3,702	17	925
November	5,026	3	647	4,376	3	841
December	3,801	9	588	3,204	10	785
<b>Total</b>	<b>43,394</b>	<b>109</b>	<b>7,231</b>	<b>36,054</b>	<b>116</b>	<b>9,768</b>

## 2015 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2015 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	271,578	8,403	109	4.0	129.7
16 - 20	123,402	74,570	8,853	717.4	1,187.2
21 - 24	109,361	77,823	7,865	719.2	1,010.6
25 - 64	752,654	716,832	43,669	580.2	609.2
65 +	215,053	196,259	6,593	306.6	335.9
Unknown	- -	- -	4,820	- -	- -
<b>Total</b>	<b>1,472,048</b>	<b>1,073,887</b>	<b>71,909</b>	<b>488.5</b>	<b>669.6</b>

## 2015 - 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 & station wagon	56,073	78.0	109	59.9	9,862	46,102
Van & motorhome	2,471	3.4	4	2.2	451	2,016
Pickup truck	8,123	11.3	27	14.8	1,410	6,686
Small truck under 10,000 lbs. GVWR	1,166	1.6	3	1.6	208	955
Cycle	497	0.7	22	12.1	345	130
Moped	94	0.1	0	0.0	72	22
Go Cart	9	0.0	0	0.0	4	5
Snowmobile	6	0.0	0	0.0	5	1
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	27	0.0	3	1.6	19	5
Other	369	0.5	1	0.5	50	318
Truck/bus over 10,000 lbs.	1,984	2.8	13	7.1	342	1,629
Unknown	1,090	1.5	0	0.0	88	1,002
<b>Total</b>	<b>71,909</b>	<b>100.0</b>	<b>182</b>	<b>100.0</b>	<b>12,856</b>	<b>58,871</b>

# Prosperity Region - University (continued)

## 5-Year Trend - Crashes by Month

Month	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	4,580	12	4,304	7	4,023	7	5,924	8	4,840	5
February	3,814	10	3,450	8	3,784	7	4,109	10	3,855	4
March	3,063	10	2,825	11	2,909	11	3,581	7	2,966	7
April	2,598	5	2,530	12	2,747	8	2,638	14	2,612	5
May	2,912	9	3,016	12	3,207	8	3,040	13	3,145	9
June	3,172	11	3,111	21	3,080	11	3,009	19	3,266	15
July	2,738	11	2,619	10	2,884	12	2,778	13	3,118	15
August	2,679	18	2,588	17	2,869	22	2,682	9	2,943	11
September	2,996	8	2,956	12	3,193	13	3,183	18	3,426	9
October	3,905	16	4,091	13	4,256	14	4,306	8	4,396	17
November	4,734	13	4,197	10	4,491	18	5,042	9	5,026	3
December	4,000	13	4,152	12	4,649	7	3,498	11	3,801	9
<b>Total</b>	<b>41,191</b>	<b>136</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>

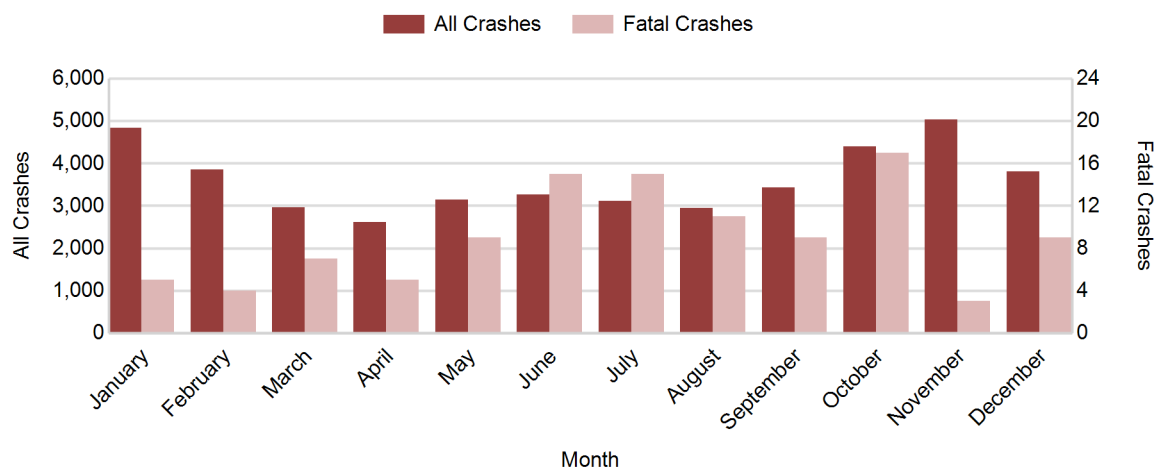
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

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

Day	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	5,896	14	5,741	13	6,279	18	5,918	13	6,379	11
Tuesday	6,302	16	5,545	24	6,302	12	6,495	19	6,567	10
Wednesday	6,364	25	5,717	13	6,319	24	6,971	19	6,690	23
Thursday	6,088	20	5,783	20	6,314	15	7,392	18	6,230	17
Friday	6,836	21	7,350	22	6,850	30	7,207	25	7,095	17
Saturday	5,456	25	5,418	33	5,618	21	5,373	25	5,892	14
Sunday	4,249	15	4,285	20	4,410	18	4,434	20	4,541	17
<b>Total</b>	<b>41,191</b>	<b>136</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>

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

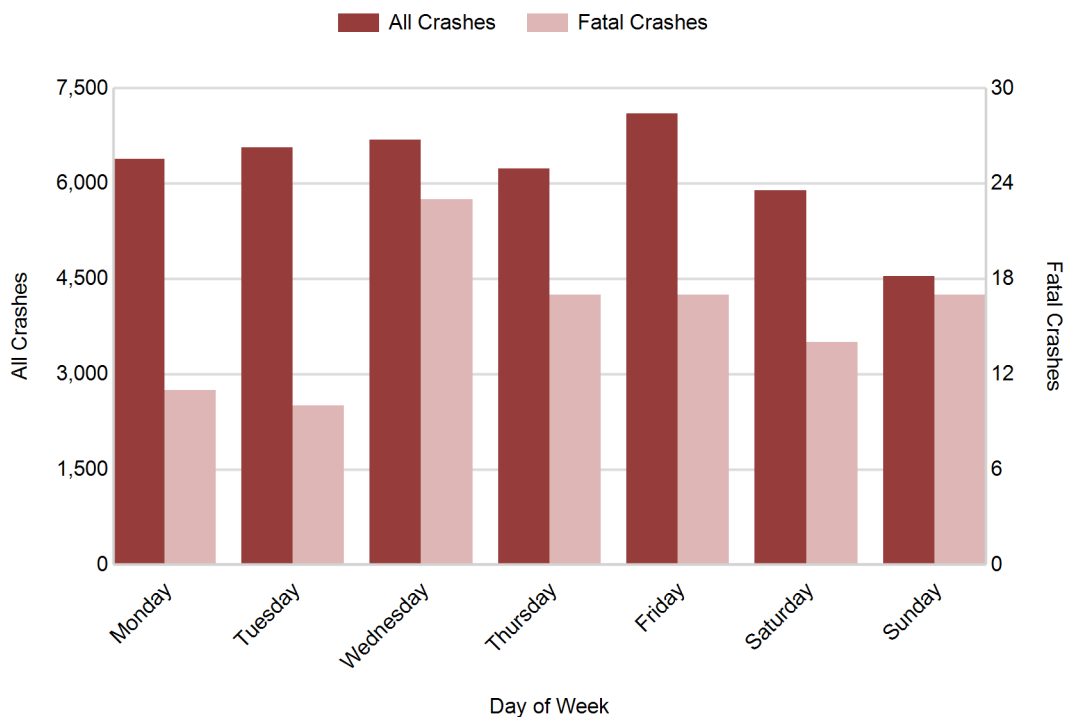
## 2015 Crashes by Month



## 2015 - 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	6,379	14.7	11	10.1	71	305	744	5,248
Tuesday	6,567	15.1	10	9.2	60	260	749	5,488
Wednesday	6,690	15.4	23	21.1	77	264	723	5,603
Thursday	6,230	14.4	17	15.6	85	295	689	5,144
Friday	7,095	16.4	17	15.6	96	289	803	5,890
Saturday	5,892	13.6	14	12.8	95	264	634	4,885
Sunday	4,541	10.5	17	15.6	77	230	421	3,796
<b>Total</b>	<b>43,394</b>	<b>100.0</b>	<b>109</b>	<b>100.0</b>	<b>561</b>	<b>1,907</b>	<b>4,763</b>	<b>36,054</b>

## 2015 Day of Week and Severity

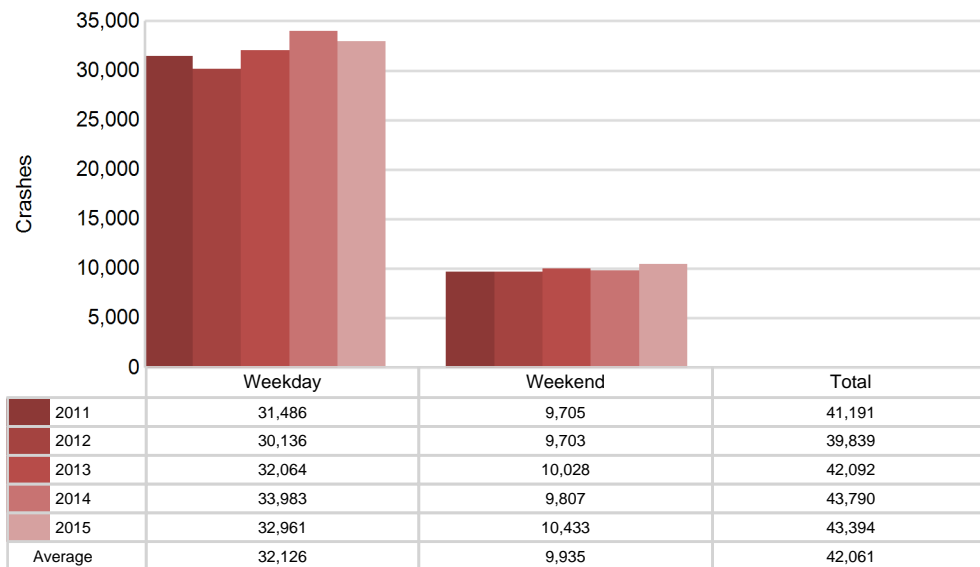


## Prosperity Region - University (continued)

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

Portion of Week	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	31,486	96	30,136	92	32,064	99	33,983	94	32,961	78
Weekend	9,705	40	9,703	53	10,028	39	9,807	45	10,433	31
<b>Total</b>	<b>41,191</b>	<b>136</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>

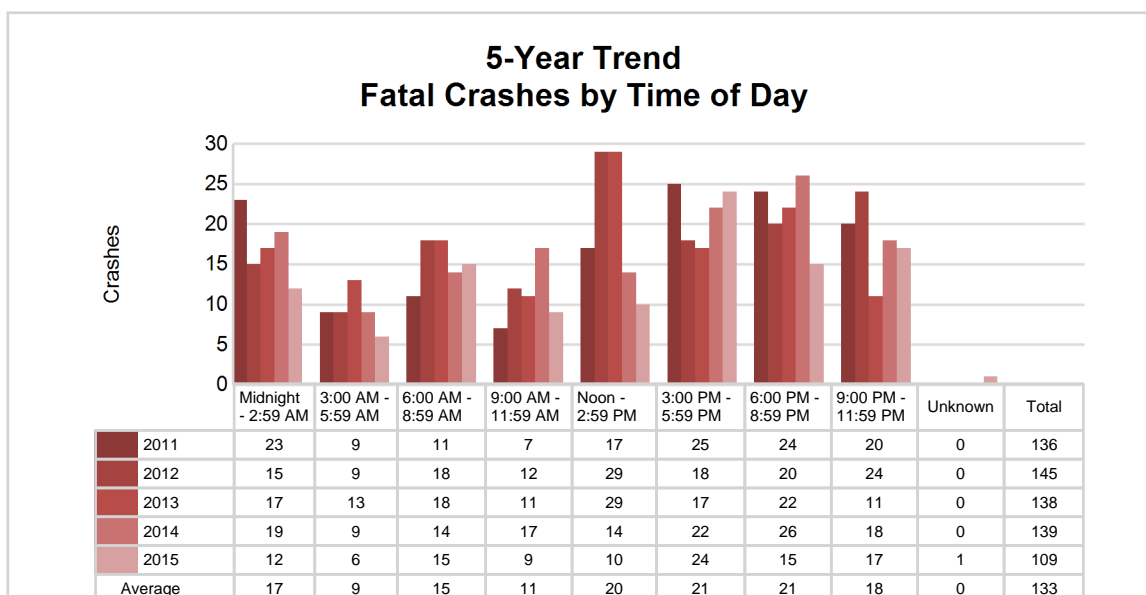
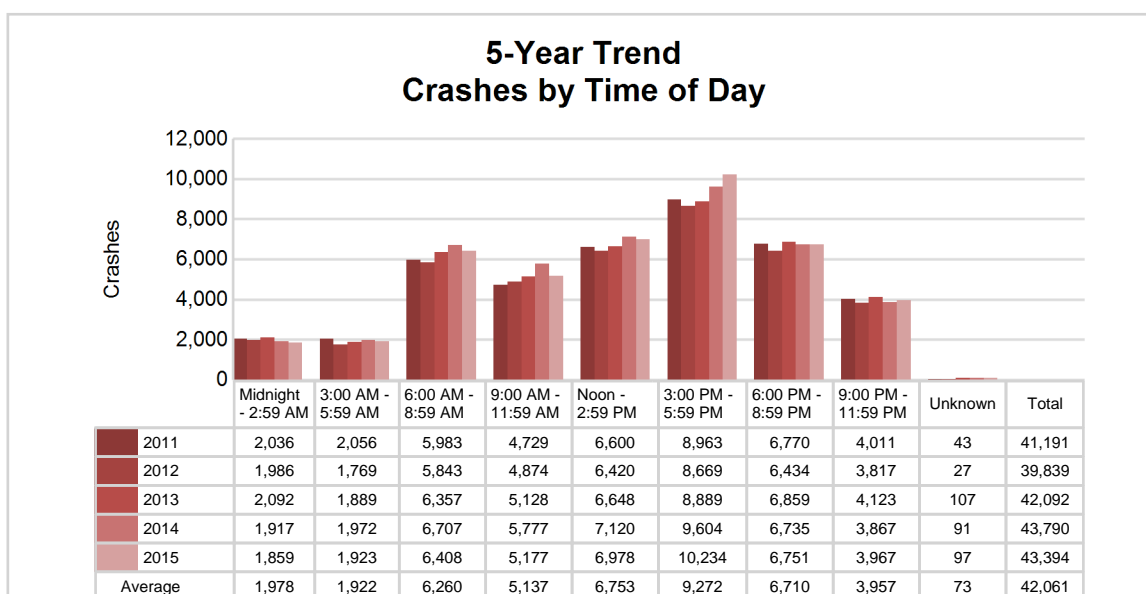
### 5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



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

Time of Day	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	2,036	23	1,986	15	2,092	17	1,917	19	1,859	12
3:00 AM - 5:59 AM	2,056	9	1,769	9	1,889	13	1,972	9	1,923	6
6:00 AM - 8:59 AM	5,983	11	5,843	18	6,357	18	6,707	14	6,408	15
9:00 AM - 11:59 AM	4,729	7	4,874	12	5,128	11	5,777	17	5,177	9
Noon - 2:59 PM	6,600	17	6,420	29	6,648	29	7,120	14	6,978	10
3:00 PM - 5:59 PM	8,963 †	25	8,669 †	18	8,889 †	17	9,604 †	22	10,234 †	24
6:00 PM - 8:59 PM	6,770	24	6,434	20	6,859	22	6,735	26	6,751	15
9:00 PM - 11:59 PM	4,011	20	3,817	24	4,123	11	3,867	18	3,967	17
Unknown	43	0	27	0	107	0	91	0	97	1
<b>Total</b>	<b>41,191</b>	<b>136</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>

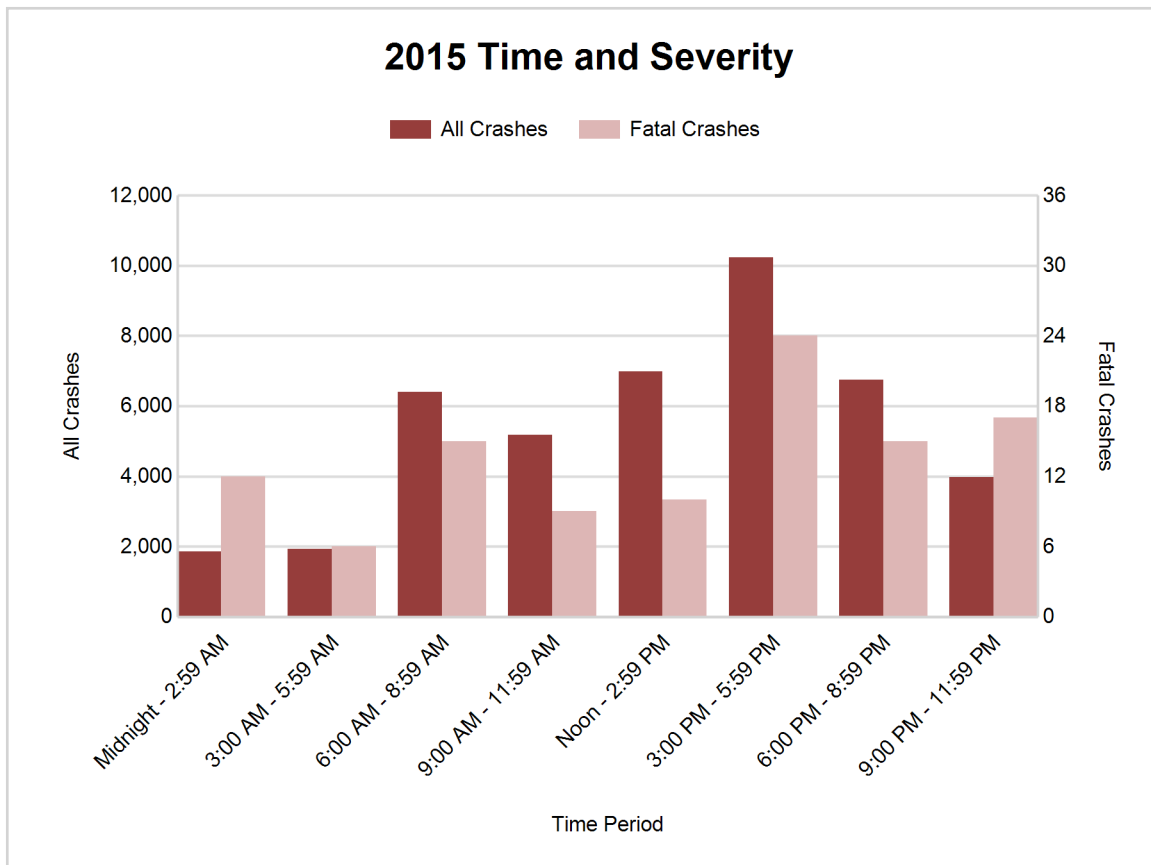
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period



# Prosperity Region - University (continued)

## 2015 - 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	1,859	4.3	12	11.0	43	114	181	1,509
3:00 AM - 5:59 AM	1,923	4.4	6	5.5	29	93	142	1,653
6:00 AM - 8:59 AM	6,408	14.8	15	13.8	62	238	607	5,486
9:00 AM - 11:59 AM	5,177	11.9	9	8.3	70	217	591	4,290
Noon - 2:59 PM	6,978	16.1	10	9.2	104	340	922	5,602
3:00 PM - 5:59 PM	10,234	23.6	24	22.0	119	468	1,287	8,336
6:00 PM - 8:59 PM	6,751	15.6	15	13.8	80	266	670	5,720
9:00 PM - 11:59 PM	3,967	9.1	17	15.6	54	170	359	3,367
Unknown	97	0.2	1	0.9	0	1	4	91
<b>Total</b>	<b>43,394</b>	<b>100.0</b>	<b>109</b>	<b>100.0</b>	<b>561</b>	<b>1,907</b>	<b>4,763</b>	<b>36,054</b>

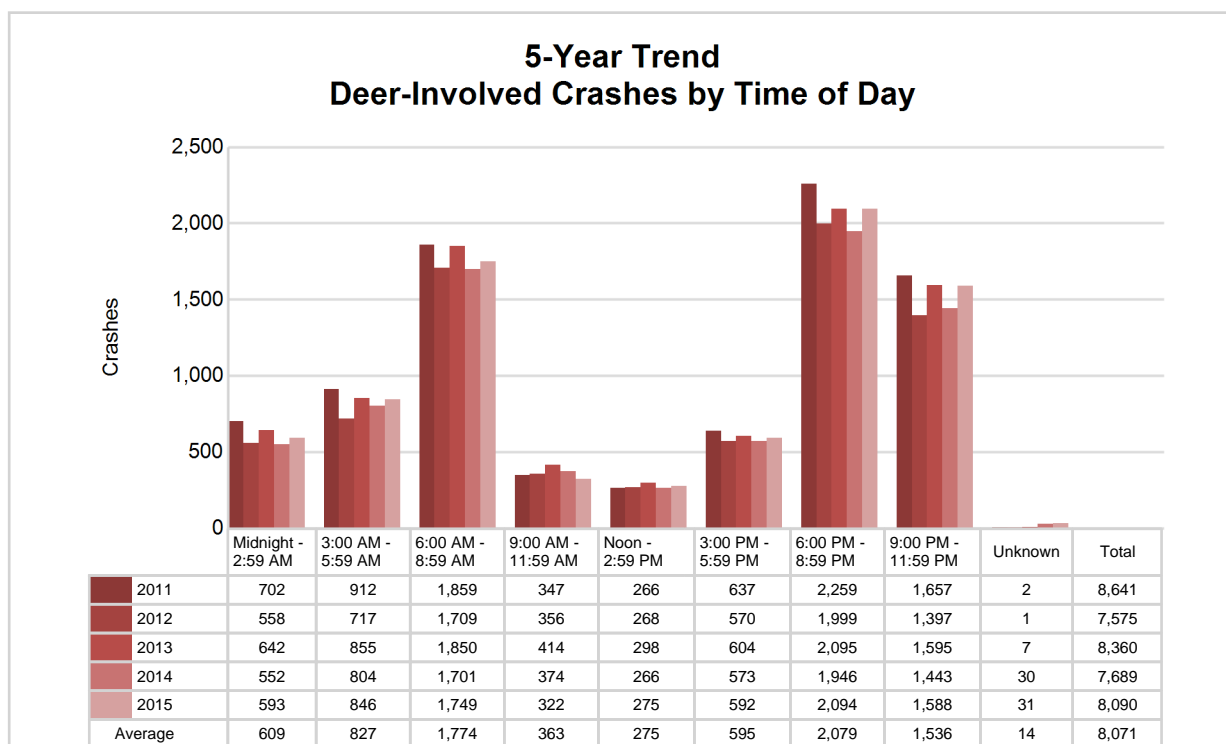




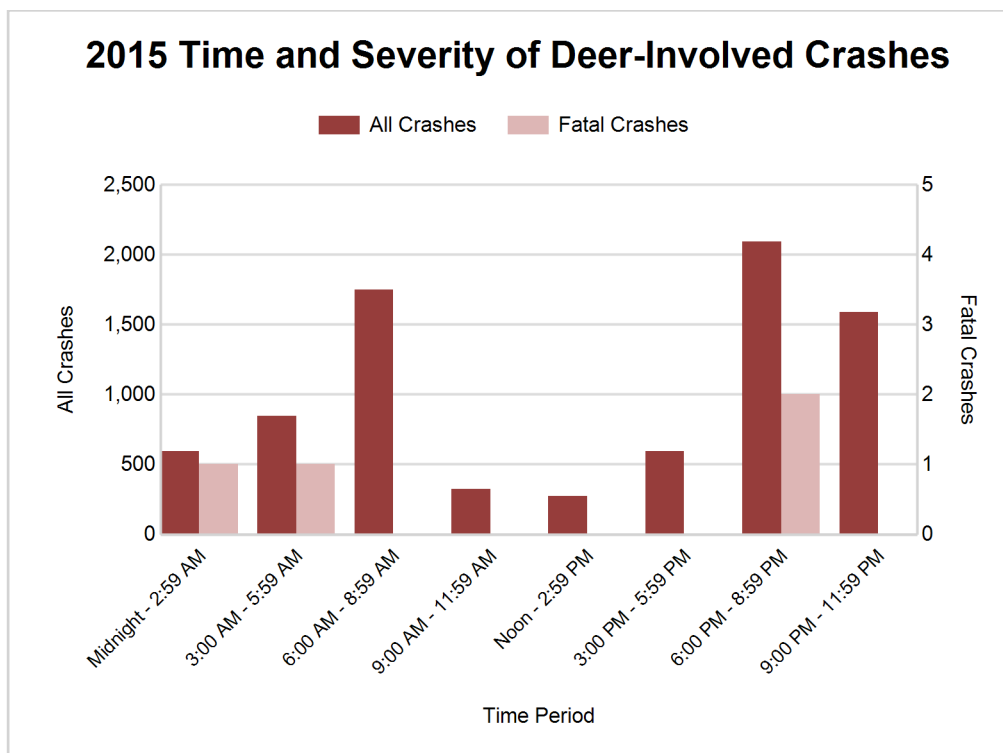
## 5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	702	0	558	0	642	0	552	0	593	1
3:00 AM - 5:59 AM	912	1	717	0	855	0	804	0	846	1
6:00 AM - 8:59 AM	1,859	0	1,709	0	1,850	0	1,701	0	1,749	0
9:00 AM - 11:59 AM	347	0	356	0	414	0	374	0	322	0
Noon - 2:59 PM	266	0	268	0	298	0	266	1	275	0
3:00 PM - 5:59 PM	637	0	570	0	604	0	573	0	592	0
6:00 PM - 8:59 PM	2,259 †	1	1,999 †	0	2,095 †	1	1,946 †	1	2,094 †	2
9:00 PM - 11:59 PM	1,657	0	1,397	0	1,595	0	1,443	0	1,588	0
Unknown	2	0	1	0	7	0	30	0	31	0
<b>Total</b>	<b>8,641</b>	<b>2</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>

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)



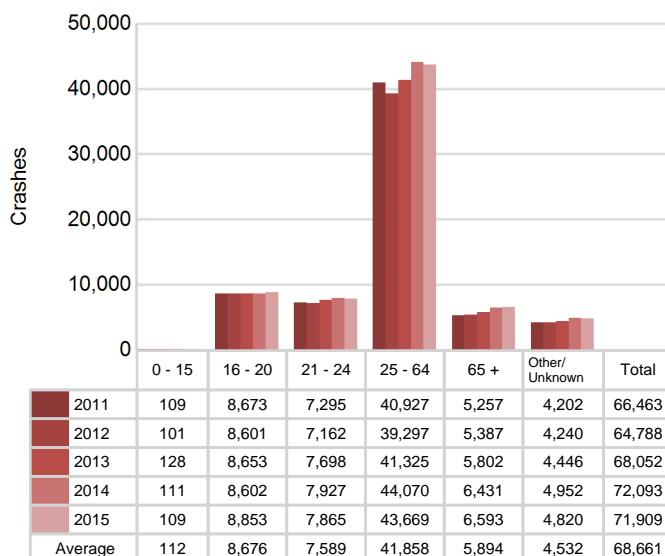
### 2015 - Reported Motor Vehicle Crashes by County

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	2,119	5	286	1,828	342	345	251	1,181	64	11	959	5	394
Eaton	3,266	13	450	2,803	615	0	1,093	1,558	85	23	1,071	15	630
Hillsdale	1,587	3	204	1,380	0	233	350	1,004	55	7	814	3	276
Ingham	9,350	13	1,672	7,665	1,882	422	2,106	4,940	243	50	1,087	17	2,221
Jackson	5,059	15	820	4,224	956	328	774	3,001	157	25	1,324	15	1,090
Lenawee	2,343	9	450	1,884	0	548	543	1,252	90	13	651	9	609
Livingston	4,977	12	810	4,155	1,023	593	716	2,645	173	38	773	12	1,124
Monroe	3,854	13	672	3,169	687	730	406	2,031	168	42	349	13	934
Washtenaw	10,839	26	1,867	8,946	1,591	1,853	948	6,447	332	121	1,062	27	2,490
<b>Total</b>	<b>43,394</b>	<b>109</b>	<b>7,231</b>	<b>36,054</b>	<b>7,096</b>	<b>5,052</b>	<b>7,187</b>	<b>24,059</b>	<b>1,367</b>	<b>330</b>	<b>8,090</b>	<b>116</b>	<b>9,768</b>

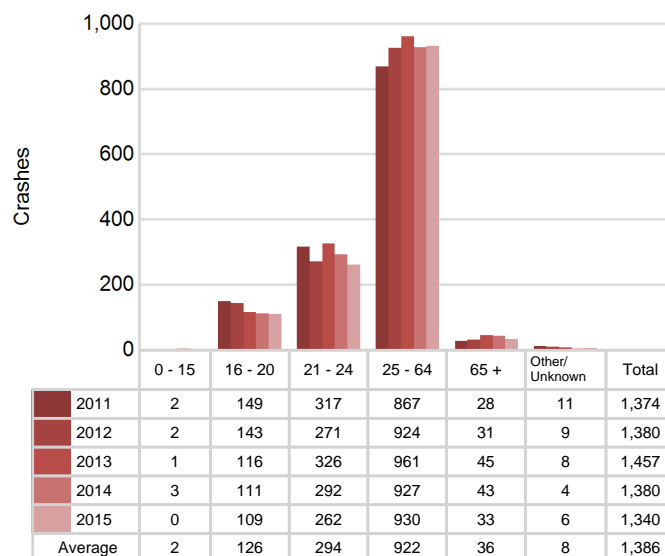
## 5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2011		2012		2013		2014		2015	
	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	109	2	101	2	128	1	111	3	109	0
16 - 20	8,673	149	8,601	143	8,653	116	8,602	111	8,853	109
21 - 24	7,295	317	7,162	271	7,698	326	7,927	292	7,865	262
25 - 64	40,927	867	39,297	924	41,325	961	44,070	927	43,669	930
65 +	5,257	28	5,387	31	5,802	45	6,431	43	6,593	33
Unknown	4,202	11	4,240	9	4,446	8	4,952	4	4,820	6
<b>Total</b>	<b>66,463</b>	<b>1,374</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>

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



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



# Prosperity Region - University (continued)

## 2015 - 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	1	0	0	0	0	0	0	0
16 - 20	147	162	98	109	5	17	37	18	32
21 - 24	316	294	232	262	4	29	90	66	73
25 - 64	1,252	1,066	771	930	20	73	218	258	361
65 +	65	54	31	33	0	4	11	9	9
Unknown	122	5	0	6	0	0	0	0	6
<b>Total</b>	<b>1,902</b>	<b>1,582</b>	<b>1,132</b>	<b>1,340</b>	<b>29</b>	<b>123</b>	<b>356</b>	<b>351</b>	<b>481</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 2015, there were 1,902 drivers in alcohol-involved crashes; 1,340 (70.5%) of those drivers were coded as had-been-drinking by the officer on the crash form.

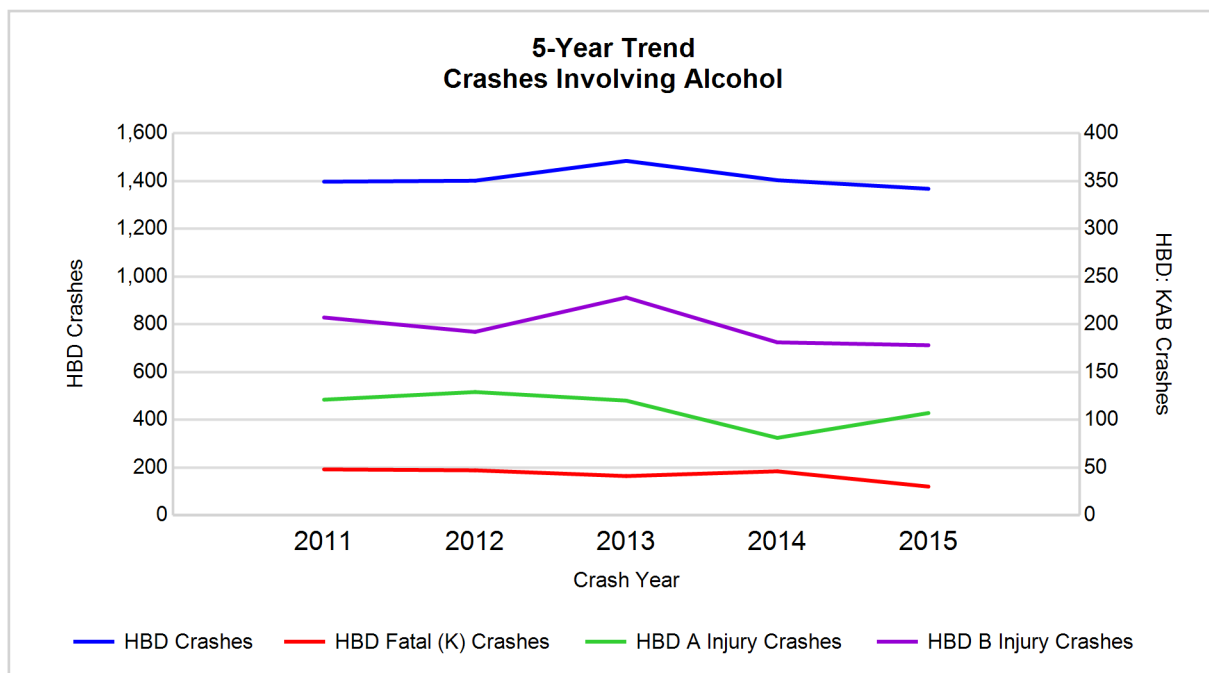
- 707 (52.8%) of the 1,340 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 351 (49.6%) of the 707 drivers had a BAC at or above 0.17 g/dL.
- 1,132 (84.5%) of the 1,340 drivers were coded as had-been-drinking and were tested for alcohol consumption.

## 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
2011	41,191	1,397	3.4	136	48	35.3	642	121	18.8	1,908	207	10.8
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*

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



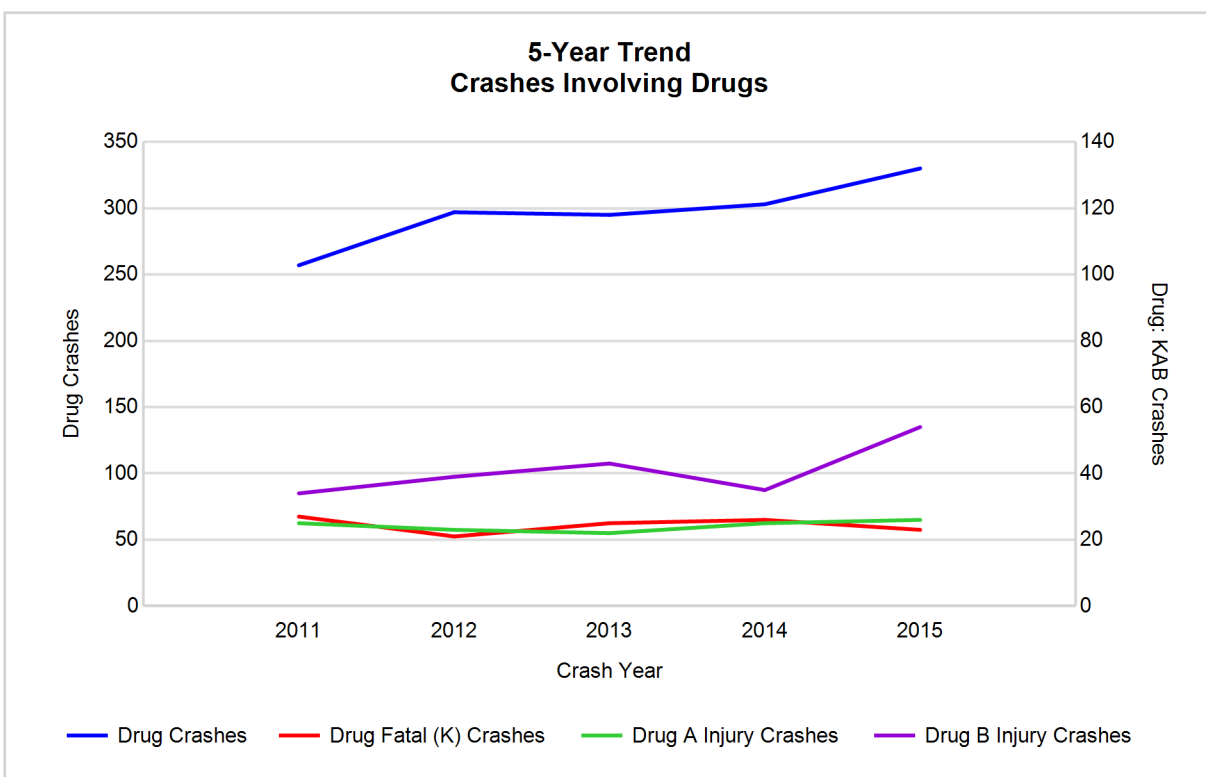
Note: Had-Been-Drinking (HBD)

## 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
2011	41,191	257	0.6	136	27	19.9	642	25	3.9	1,908	34	1.8
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**

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



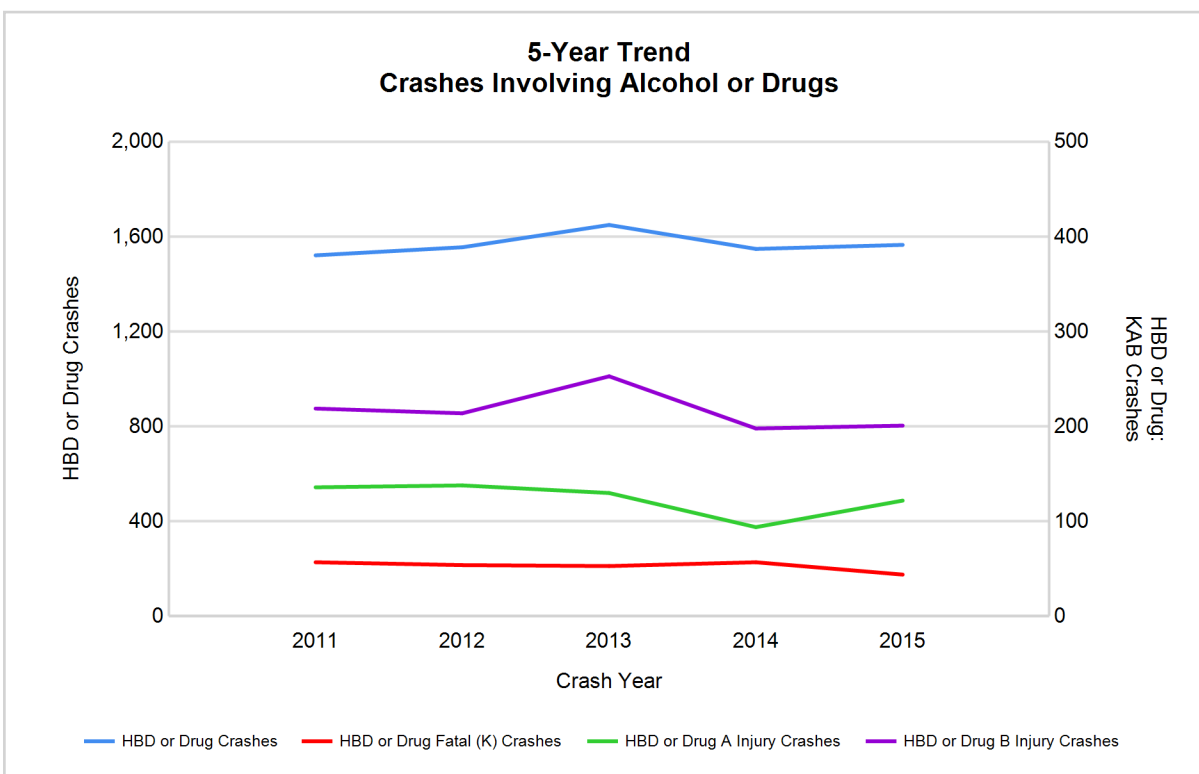
# Prosperity Region - University (continued)

## 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
2011	41,191	1,522	3.7	136	57	41.9	642	136	21.2	1,908	219	11.5
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*

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)

## 2015 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Vehicle Type

Vehicle Type	Total Occupants			Fatalities			A - Incapacitating			B - Non-incapacitating			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 & station wagon	57,970	53,586	92.4	59	34	57.6	430	346	80.5	1,627	1,485	91.3	5,335	5,129	96.1	47,823	46,573	97.4
Van & motorhome	2,547	2,342	92.0	1	0	0.0	17	13	76.5	49	43	87.8	231	211	91.3	2,135	2,074	97.1
Pickup truck	8,334	7,530	90.4	10	5	50.0	56	38	67.9	232	196	84.5	564	521	92.4	7,012	6,769	96.5
Small truck under 10,000 lbs. GVWR	1,192	1,092	91.6	2	0	0.0	3	0	0.0	18	16	88.9	88	82	93.2	1,016	994	97.8
Cycle	529	346	65.4	23	12	52.2	70	40	57.1	174	110	63.2	117	88	75.2	135	95	70.4
Moped	95	25	26.3	0	0	0.0	12	2	16.7	28	8	28.6	31	7	22.6	23	8	34.8
Go Cart	12	2	16.7	0	0	0.0	2	0	0.0	3	0	0.0	1	0	0.0	5	2	40.0
Snowmobile	7	4	57.1	0	0	0.0	2	1	50.0	2	2	100.0	0	0	0.0	1	1	100.0
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	35	6	17.1	3	0	0.0	7	1	14.3	14	2	14.3	4	1	25.0	6	2	33.3
Other	379	262	69.1	1	1	100.0	6	6	100.0	12	3	25.0	14	9	64.3	294	243	82.7
Truck/bus over 10,000 lbs.	2,032	1,853	91.2	0	0	0.0	9	6	66.7	31	19	61.3	91	56	61.5	1,831	1,772	96.8
Unknown	1,090	10	0.9	0	0	0.0	0	0	0.0	0	0	0.0	2	1	50.0	47	7	14.9
<b>Total</b>	<b>74,222</b>	<b>67,058</b>	<b>90.3</b>	<b>99</b>	<b>52</b>	<b>52.5</b>	<b>614</b>	<b>453</b>	<b>73.8</b>	<b>2,190</b>	<b>1,884</b>	<b>86.0</b>	<b>6,478</b>	<b>6,105</b>	<b>94.2</b>	<b>60,328</b>	<b>58,540</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.

## 2015 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Age

Age Group	Total Occupants			Fatalities			A - Incapacitating			B - Non-incapacitating			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	724	618	85.4	5	2	40.0	27	18	66.7	135	103	76.3	469	419	89.3	84	75	89.3
16 - 20	9,243	8,932	96.6	13	7	53.8	73	54	74.0	378	331	87.6	896	842	94.0	7,865	7,695	97.8
21 - 24	8,083	7,775	96.2	13	8	61.5	63	41	65.1	261	217	83.1	668	621	93.0	7,063	6,885	97.5
25 - 64	44,523	43,015	96.6	53	25	47.2	392	291	74.2	1,190	1,018	85.5	3,773	3,576	94.8	39,050	38,096	97.6
65 +	6,820	6,636	97.3	15	10	66.7	59	49	83.1	226	215	95.1	663	641	96.7	5,851	5,721	97.8
Unknown	4,829	82	1.7	0	0	0.0	0	0	0.0	0	0	0.0	9	6	66.7	415	68	16.4
<b>Total</b>	<b>74,222</b>	<b>67,058</b>	<b>90.3</b>	<b>99</b>	<b>52</b>	<b>52.5</b>	<b>614</b>	<b>453</b>	<b>73.8</b>	<b>2,190</b>	<b>1,884</b>	<b>86.0</b>	<b>6,478</b>	<b>6,105</b>	<b>94.2</b>	<b>60,328</b>	<b>58,540</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	2011			2012			2013			2014			2015		
	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	333	1	48	273	1	44	227	1	38	236	1	38	209	1	36
Shoulder belt only used	57	0	12	73	0	12	260	1	24	192	1	17	71	0	9
Lap belt only used	148	0	24	158	0	19	135	1	14	197	0	19	183	2	20
Both lap & shoulder belts used	59,783	40	5,968	58,007	45	6,016	60,958	45	5,906	64,424	48	6,040	64,440	30	6,194
No belts used	433	22	175	477	26	184	457	32	177	456	19	177	469	15	152
Child restraint used	0	0	0	2	0	0	2	0	0	0	0	0	3	0	0
Child restraint not used, unavailable or improper use	3	0	1	3	0	1	2	0	0	3	0	0	1	0	0
Restraint failure	9	0	1	16	0	2	13	0	3	10	0	1	15	0	3
Restraint use unknown	2,170	8	155	2,308	12	147	2,470	11	165	2,813	12	147	2,598	5	174
Helmet worn	483	20	354	436	13	308	419	9	299	350	13	245	359	11	241
Helmet not worn	51	2	39	175	9	130	163	6	120	170	12	119	220	10	158
Helmet use unknown	15	1	10	30	1	14	32	0	17	35	1	16	42	3	19
Uncoded & errors	2,978	0	15	2,830	0	8	2,914	0	2	3,207	0	4	3,299	0	2
<b>Total</b>	<b>66,463</b>	<b>94</b>	<b>6,802</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>

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

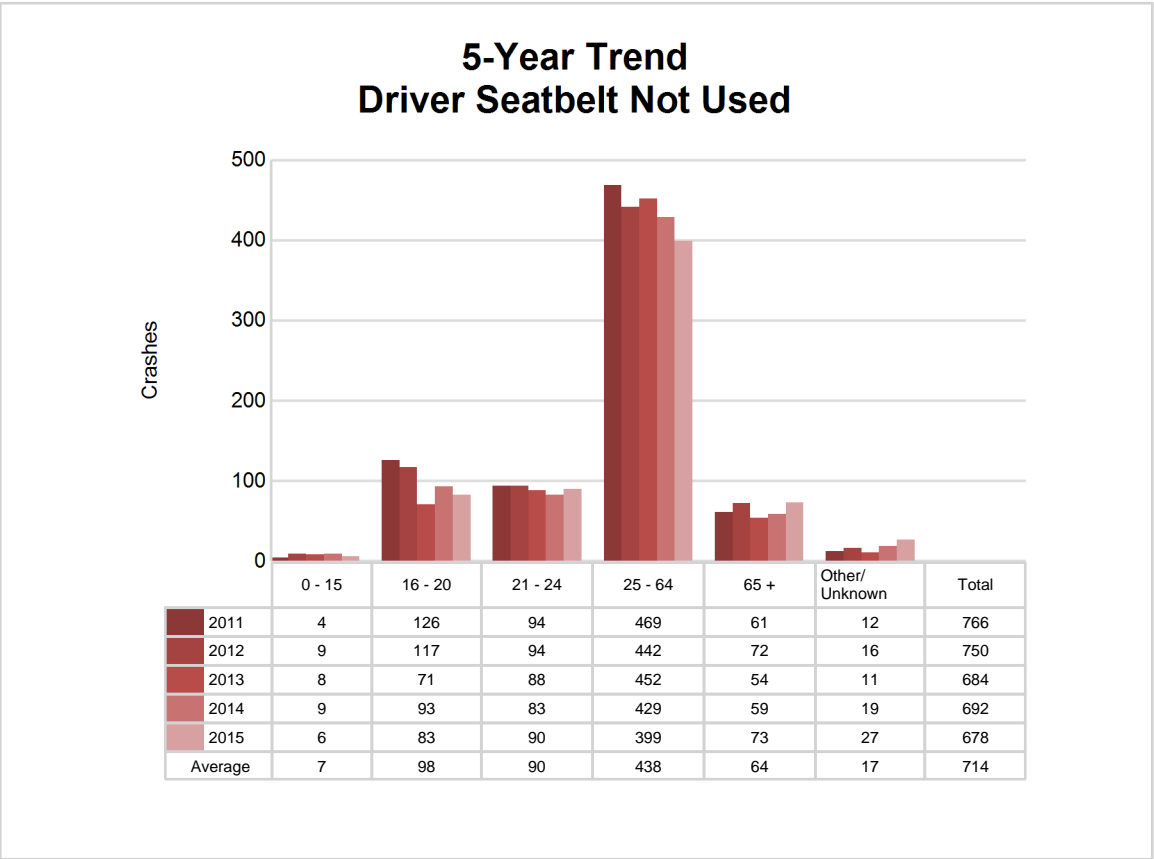
Restraint Use	2011			2012			2013			2014			2015		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	8	0	4	6	0	2	9	0	5	8	1	2	9	0	5
Shoulder belt only used	0	0	0	3	0	3	5	0	2	5	1	3	0	0	0
Lap belt only used	6	0	3	4	0	4	2	0	1	5	0	1	6	2	2
Both lap & shoulder belts used	1,011	11	276	1,013	9	301	1,076	9	311	1,028	12	265	1,001	4	279
No belts used	84	10	49	102	11	60	97	10	57	88	8	58	69	7	40
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	1	0	1	0	0	0	1	0	0	0	0	0
Restraint failure	0	0	0	0	0	0	1	0	1	3	0	0	1	0	1
Restraint use unknown	219	3	70	192	4	55	213	1	62	207	6	60	205	1	67
Helmet worn	22	3	17	22	3	18	18	1	11	13	2	8	14	0	13
Helmet not worn	10	2	8	25	5	17	31	5	24	19	4	12	32	5	23
Helmet use unknown	3	0	3	3	1	1	2	0	1	1	0	1	3	1	1
Uncoded & errors	11	0	1	9	0	0	3	0	0	2	0	0	0	0	0
<b>Total</b>	<b>1,374</b>	<b>29</b>	<b>431</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>



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

Age Group	2011			2012			2013			2014			2015		
	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	4	0	2	9	0	0	8	0	3	9	0	4	6	0	3
16 - 20	126	4	47	117	2	47	71	4	21	93	2	33	83	1	24
21 - 24	94	3	38	94	4	32	88	4	29	83	4	27	90	2	35
25 - 64	469	12	120	442	17	128	452	18	152	429	12	133	399	12	112
65 +	61	4	16	72	4	20	54	7	10	59	2	17	73	1	13
Unknown	12	0	0	16	0	1	11	0	0	19	0	1	27	0	1
Total	766	23	223	750	27	228	684	33	215	692	20	215	678	16	188

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



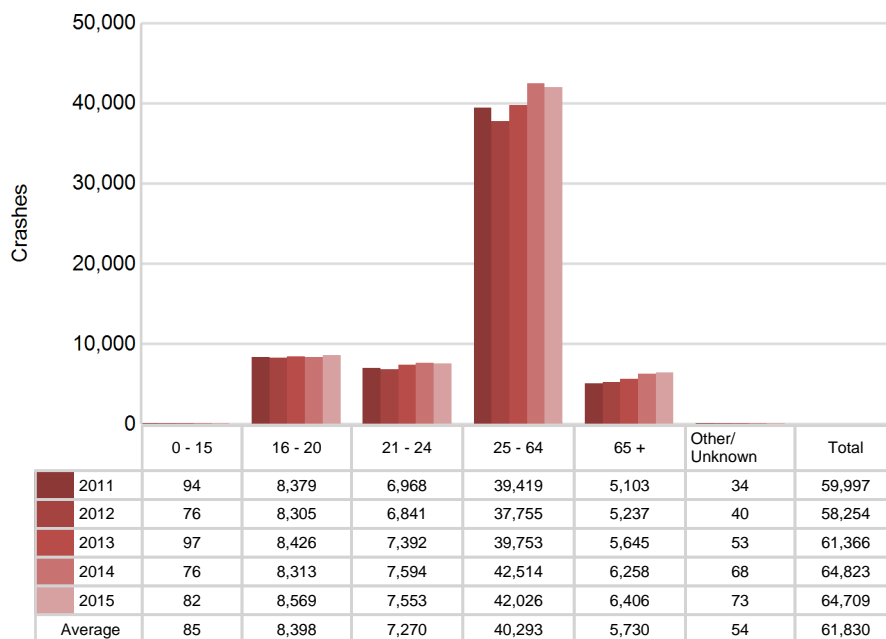
# Prosperity Region - University (continued)

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

Age Group	2011			2012			2013			2014			2015		
	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	94	0	12	76	0	10	97	0	10	76	0	10	82	0	9
16 - 20	8,379	9	899	8,305	6	907	8,426	2	846	8,313	7	774	8,569	6	875
21 - 24	6,968	2	663	6,841	6	695	7,392	5	709	7,594	5	722	7,553	5	672
25 - 64	39,419	20	3,853	37,755	21	3,846	39,753	29	3,751	42,514	23	3,896	42,026	15	3,986
65 +	5,103	9	578	5,237	12	590	5,645	11	631	6,258	14	673	6,406	6	684
Unknown	34	0	0	40	0	1	53	0	0	68	0	2	73	0	0
<b>Total</b>	<b>59,997</b>	<b>40</b>	<b>6,005</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>

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



797 O - Property Damage Only/No Injury Crashes

### Office of Highway Safety Planning

Physical Address:  
7150 Harris Drive  
Dimondale, Michigan 48821

Mailing Address:  
P.O. Box 30634  
Lansing, Michigan 48909

Phone: (517) 284-3140  
Fax: (517) 284-3151

Find us on the web:  
[MichiganTrafficCrashFacts.org](http://MichiganTrafficCrashFacts.org)

