



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)



## Van Buren County

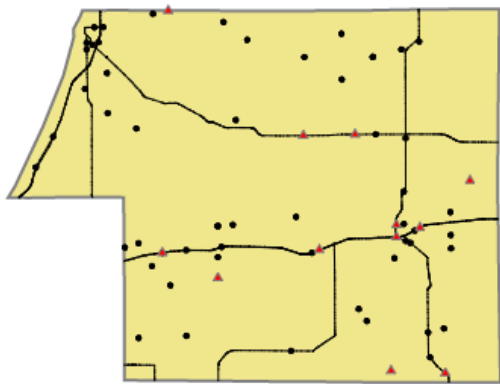
### 2016 Traffic Crash Data & 2012-2016 5-Year Trends



### 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



Crashes by most severe injury (mapped/actual)

- ▲ K - Fatal (12/12)
- A - Suspected Serious (55/55)

## Van Buren County

In 2016:

There were 3,352 drivers involved in 2,399 motor vehicle crashes in Van Buren County. Of those crashes, 12 were classified as fatal, resulting in 15 fatalities. An additional 594 persons were injured.

Van Buren County experienced the highest number of motor vehicle crashes (301) in December, the highest number of fatal crashes (2) in April, June, September, and December, and the highest number of persons killed (3) in June and December.

Michigan driver statistics indicate 6.5 percent of licensed drivers in Van Buren County were age 16-20, and 11.5 percent of drivers in crashes were also in that age group.

## 2016 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	269	1	40	228	2	79
February	294	1	40	253	1	50
March	145	0	26	119	0	32
April	121	2	25	94	2	36
May	171	0	32	139	0	46
June	187	2	39	146	3	60
July	181	0	43	138	0	72
August	136	0	27	109	0	41
September	156	2	29	125	2	36
October	195	1	36	158	1	45
November	243	1	31	211	1	42
December	301	2	39	260	3	55
<b>Total</b>	<b>2,399</b>	<b>12</b>	<b>407</b>	<b>1,980</b>	<b>15</b>	<b>594</b>

## 2016 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2016 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	15,725	395	2	1.3	50.6
16 - 20	4,695	3,606	386	822.2	1,070.4
21 - 24	3,427	3,197	320	933.8	1,000.9
25 - 64	38,600	36,045	2,155	558.3	597.9
65 +	12,776	11,835	372	291.2	314.3
Unknown	0	0	117	--	--
<b>Total</b>	<b>75,223</b>	<b>55,078</b>	<b>3,352</b>	<b>445.6</b>	<b>608.6</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	2,484	74.1	13	56.5	494	1,977
Motor home	53	1.6	0	0.0	6	47
Pickup truck	530	15.8	4	17.4	111	415
Small truck under 10,000 lbs. GVWR	28	0.8	0	0.0	2	26
Motorcycle	38	1.1	1	4.3	27	10
Moped / goped	0	0.0	0	0.0	0	0
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	4	0.1	0	0.0	3	1
Other	20	0.6	0	0.0	6	14
Truck/bus over 10,000 lbs.	155	4.6	5	21.7	28	122
Unknown	40	1.2	0	0.0	4	36
<b>Total</b>	<b>3,352</b>	<b>100.0</b>	<b>23</b>	<b>100.0</b>	<b>681</b>	<b>2,648</b>

## 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	300	0	303	2	370	0	323	2	269	1
February	176	1	230	2	221	0	300	1	294	1
March	113	2	166	1	180	1	127	0	145	0
April	106	2	109	0	114	3	116	1	121	2
May	115	0	131	0	132	2	144	1	171	0
June	150	0	149	0	133	0	161	0	187	2
July	146	1	151	2	180	0	199	2	181	0
August	134	1	144	3	146	1	157	2	136	0
September	116	2	128	2	139	1	141	3	156	2
October	154	2	183	3	196	0	230	1	195	1
November	204	1	323	1	332	0	257	1	243	1
December	233	0	290	0	152	0	220	1	301	2
<b>Total</b>	<b>1,947</b>	<b>12</b>	<b>2,307</b>	<b>16</b>	<b>2,295</b>	<b>8</b>	<b>2,375</b>	<b>15</b>	<b>2,399</b>	<b>12</b>

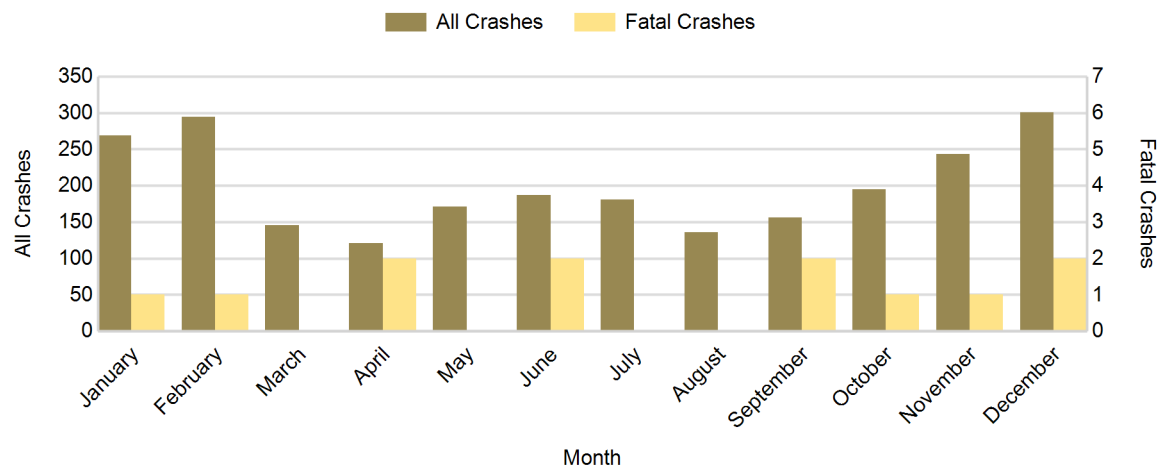
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

## 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	295	3	313	1	293	0	312	3	341	0
Tuesday	249	3	376	2	301	0	291	0	329	0
Wednesday	278	0	369	1	312	3	363	0	311	3
Thursday	233	0	368	3	406	1	365	3	360	2
Friday	378	2	283	6	416	0	345	1	371	1
Saturday	275	2	338	1	304	3	407	6	335	2
Sunday	239	2	260	2	263	1	292	2	352	4
<b>Total</b>	<b>1,947</b>	<b>12</b>	<b>2,307</b>	<b>16</b>	<b>2,295</b>	<b>8</b>	<b>2,375</b>	<b>15</b>	<b>2,399</b>	<b>12</b>

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

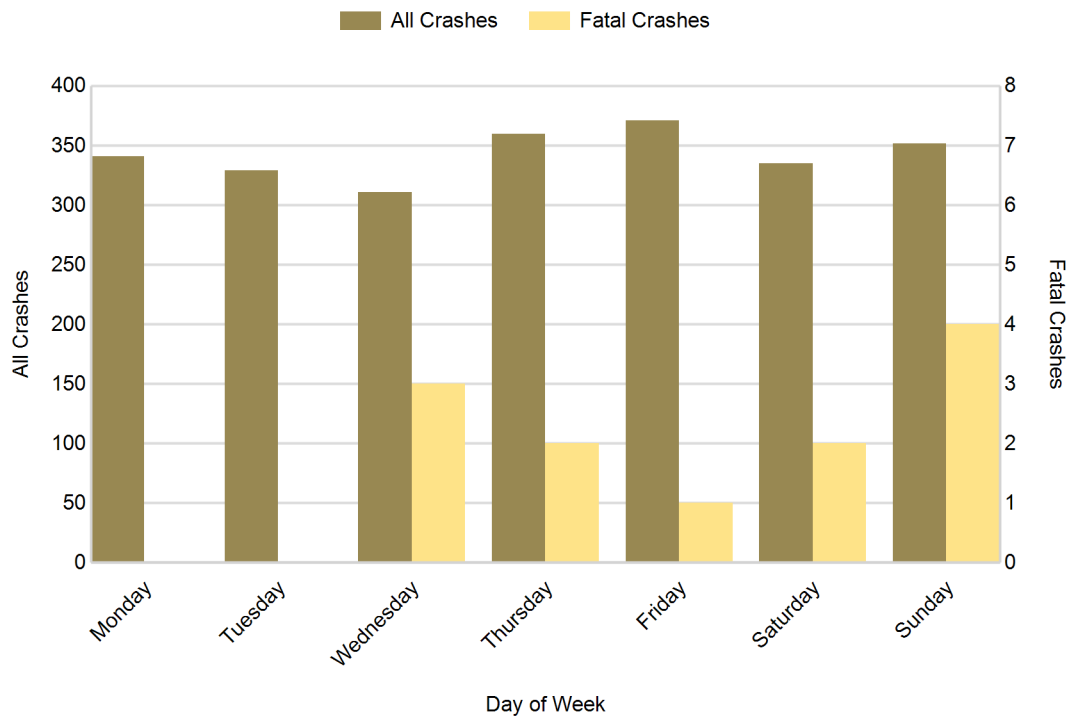
## 2016 Crashes by Month



## 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	341	14.2	0	0.0	11	14	29	287
Tuesday	329	13.7	0	0.0	8	12	32	277
Wednesday	311	13.0	3	25.0	5	10	35	258
Thursday	360	15.0	2	16.7	3	10	40	305
Friday	371	15.5	1	8.3	11	12	48	299
Saturday	335	14.0	2	16.7	5	19	34	275
Sunday	352	14.7	4	33.3	12	17	40	279
<b>Total</b>	<b>2,399</b>	<b>100.0</b>	<b>12</b>	<b>100.0</b>	<b>55</b>	<b>94</b>	<b>258</b>	<b>1,980</b>

## 2016 Day of Week and Severity

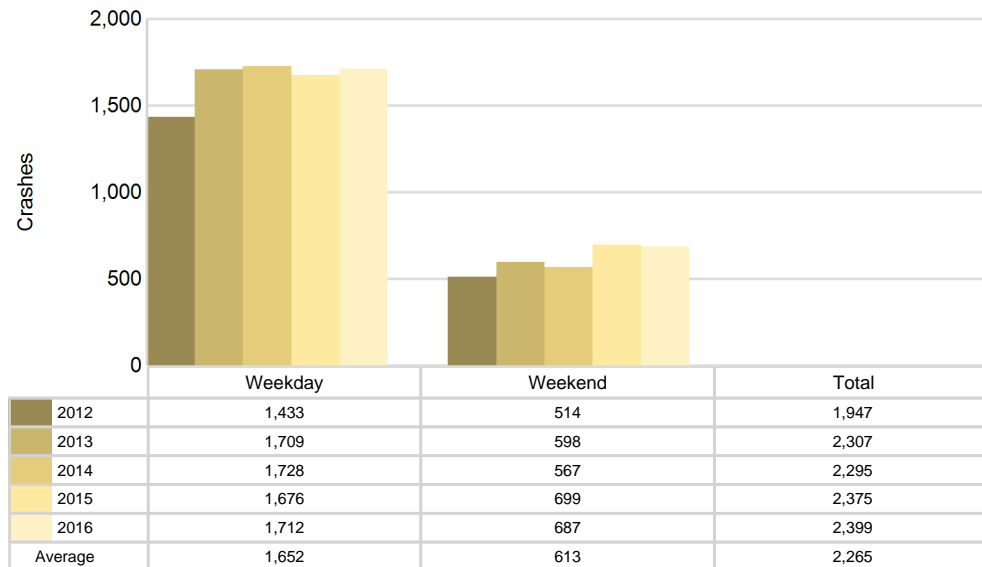


## Van Buren County (continued)

### 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	1,433	8	1,709	13	1,728	4	1,676	7	1,712	6
Weekend	514	4	598	3	567	4	699	8	687	6
<b>Total</b>	<b>1,947</b>	<b>12</b>	<b>2,307</b>	<b>16</b>	<b>2,295</b>	<b>8</b>	<b>2,375</b>	<b>15</b>	<b>2,399</b>	<b>12</b>

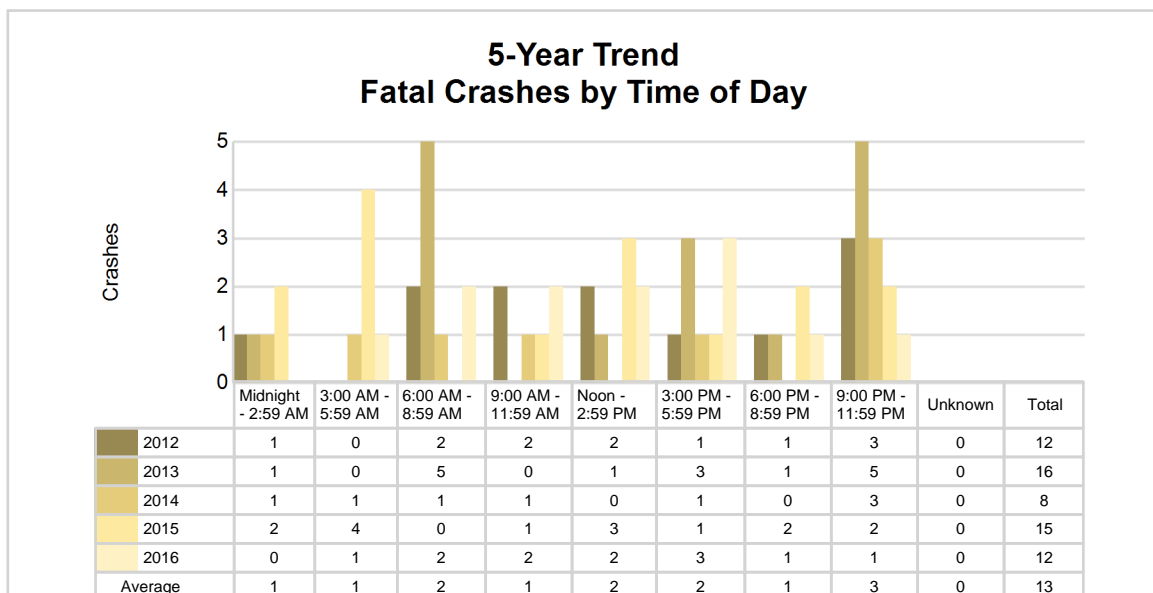
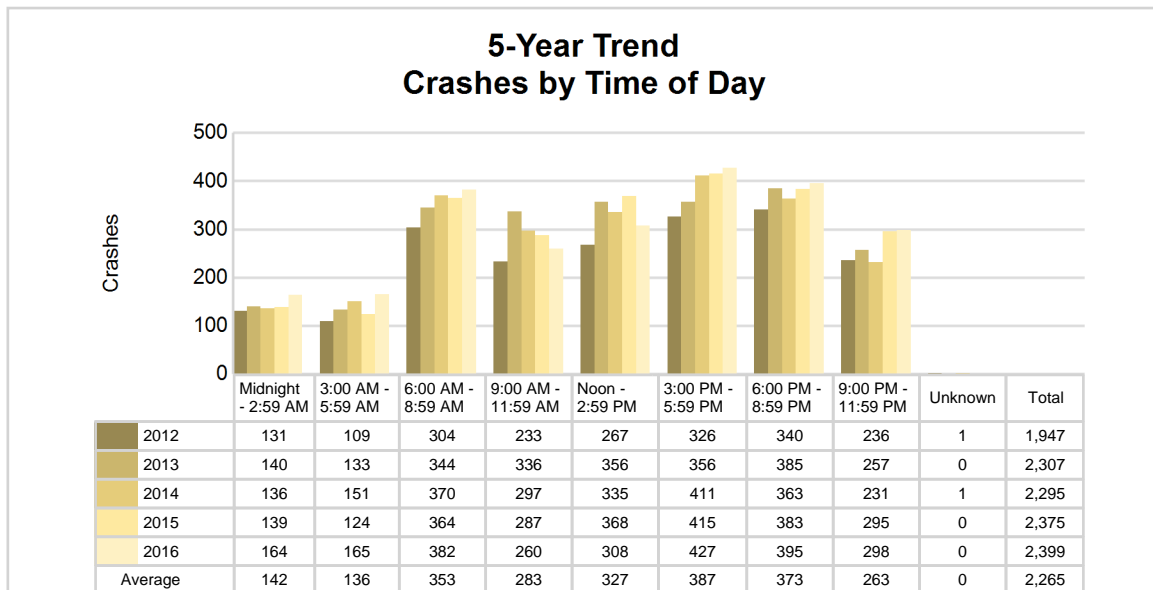
### 5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



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

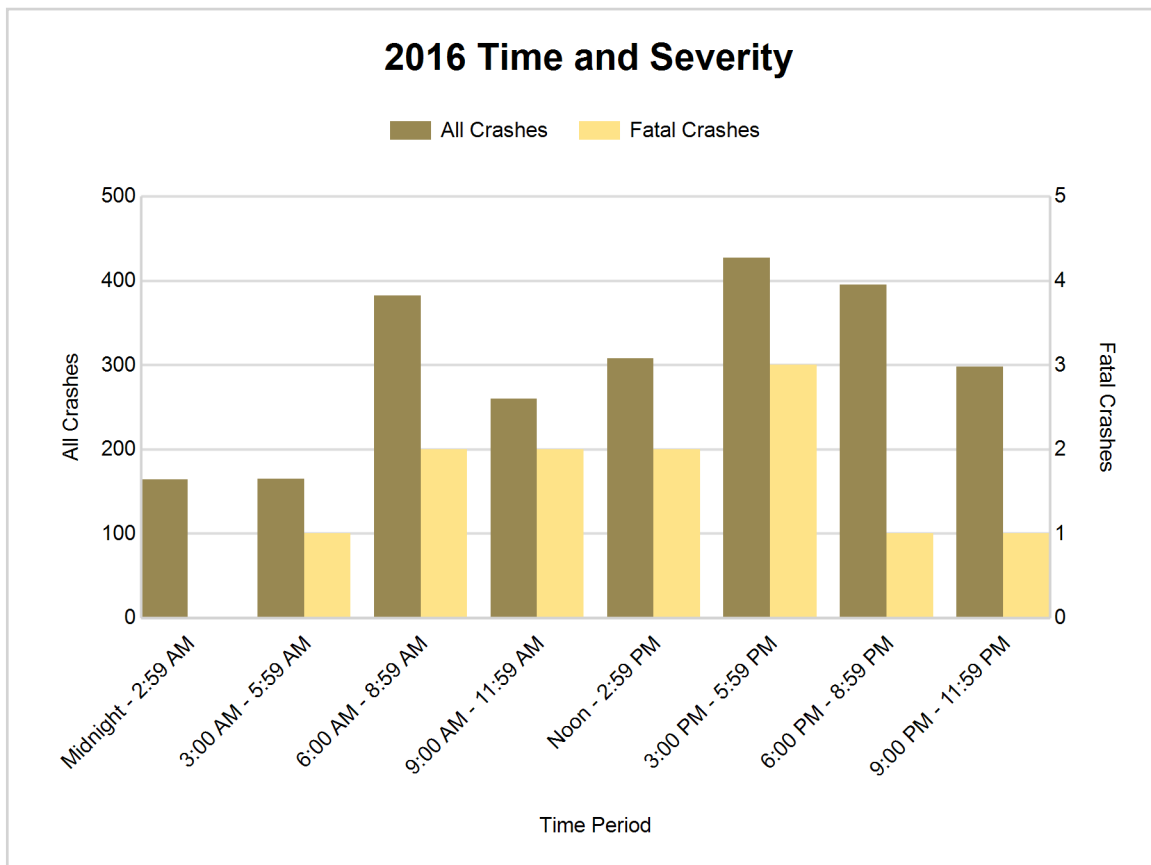
Time of Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	131	1	140	1	136	1	139	2	164	0
3:00 AM - 5:59 AM	109	0	133	0	151	1	124	4	165	1
6:00 AM - 8:59 AM	304	2	344	5	370	1	364	0	382	2
9:00 AM - 11:59 AM	233	2	336	0	297	1	287	1	260	2
Noon - 2:59 PM	267	2	356	1	335	0	368	3	308	2
3:00 PM - 5:59 PM	326	1	356	3	411	1	415	1	427	3
6:00 PM - 8:59 PM	340	1	385	1	363	0	383	2	395	1
9:00 PM - 11:59 PM	236	3	257	5	231	3	295	2	298	1
Unknown	1	0	0	0	1	0	0	0	0	0
<b>Total</b>	<b>1,947</b>	<b>12</b>	<b>2,307</b>	<b>16</b>	<b>2,295</b>	<b>8</b>	<b>2,375</b>	<b>15</b>	<b>2,399</b>	<b>12</b>

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

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	164	6.8	0	0.0	2	7	15	140
3:00 AM - 5:59 AM	165	6.9	1	8.3	5	3	8	148
6:00 AM - 8:59 AM	382	15.9	2	16.7	5	17	32	326
9:00 AM - 11:59 AM	260	10.8	2	16.7	5	9	39	205
Noon - 2:59 PM	308	12.8	2	16.7	9	19	35	243
3:00 PM - 5:59 PM	427	17.8	3	25.0	13	22	58	331
6:00 PM - 8:59 PM	395	16.5	1	8.3	9	11	47	327
9:00 PM - 11:59 PM	298	12.4	1	8.3	7	6	24	260
Unknown	0	0.0	0	0.0	0	0	0	0
<b>Total</b>	<b>2,399</b>	<b>100.0</b>	<b>12</b>	<b>100.0</b>	<b>55</b>	<b>94</b>	<b>258</b>	<b>1,980</b>

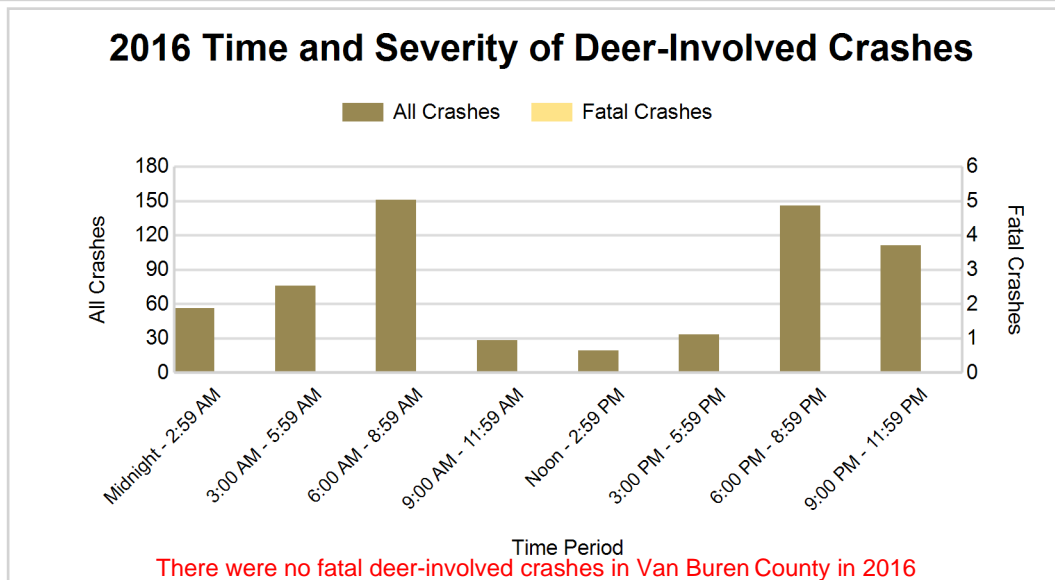
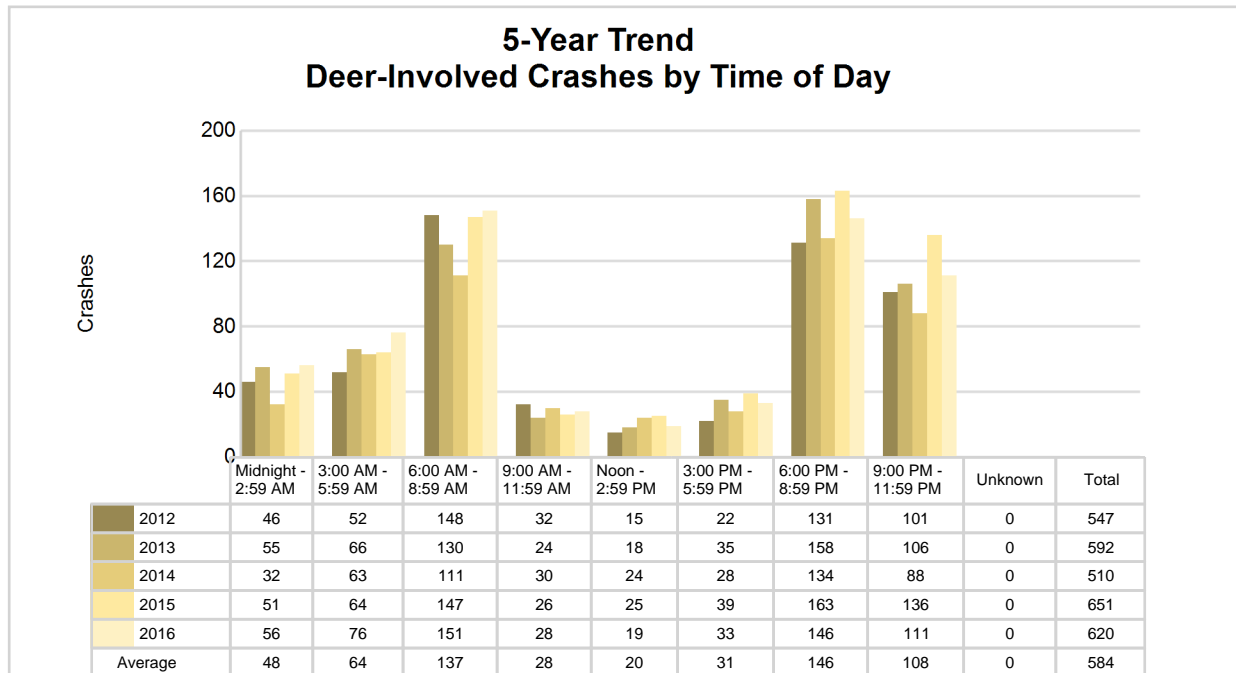




## 5-Year Trend - Deer-Involved Crashes by Time of Day

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	46	0	55	0	32	0	51	0	56	0
3:00 AM - 5:59 AM	52	0	66	0	63	0	64	0	76	0
6:00 AM - 8:59 AM	148	0	130	0	111	0	147	0	151	0
9:00 AM - 11:59 AM	32	0	24	0	30	0	26	0	28	0
Noon - 2:59 PM	15	1	18	0	24	0	25	0	19	0
3:00 PM - 5:59 PM	22	0	35	0	28	0	39	0	33	0
6:00 PM - 8:59 PM	131	0	158	0	134	0	163	0	146	0
9:00 PM - 11:59 PM	101	0	106	0	88	0	136	0	111	0
Unknown	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>547</b>	<b>1</b>	<b>592</b>	<b>0</b>	<b>510</b>	<b>0</b>	<b>651</b>	<b>0</b>	<b>620</b>	<b>0</b>

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



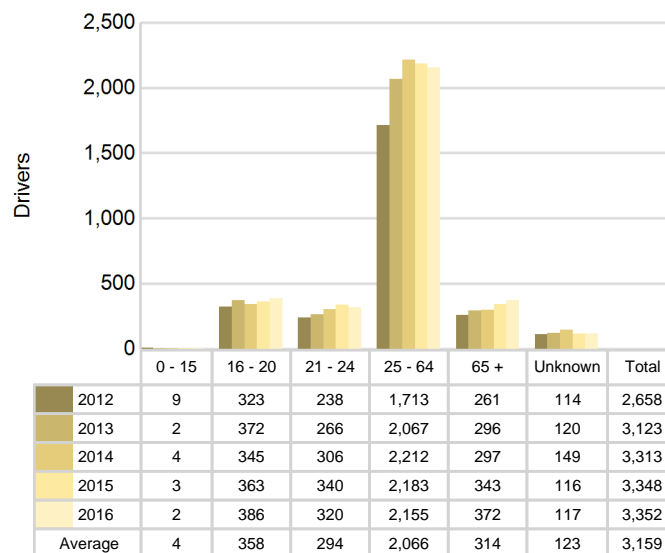
## 2016 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Almena Twp.	97	1	19	77	0	0	25	72	6	0	35	1	26
Antwerp Twp.	224	1	37	186	55	0	28	140	12	0	49	1	60
Arlington Twp.	62	1	9	52	0	0	37	25	1	0	36	2	10
Bangor	26	0	1	25	0	0	18	8	0	0	4	0	1
Bangor Twp.	83	0	19	64	0	0	16	66	1	1	30	0	32
Bloomington	6	0	0	6	0	0	0	6	0	0	1	0	0
Bloomington Twp.	60	0	15	45	0	0	0	60	2	1	25	0	21
Breedsville	2	0	0	2	0	0	0	2	0	0	0	0	0
Columbia Twp.	66	0	14	52	0	0	0	66	3	1	18	0	17
Covert Twp.	96	0	18	78	35	0	21	39	2	2	34	0	26
Decatur	14	0	2	12	0	0	5	9	1	0	1	0	3
Decatur Twp.	62	1	15	46	0	0	15	47	4	2	15	1	21
Geneva Twp.	107	1	22	84	0	0	17	90	9	1	30	1	26
Gobles	18	0	3	15	0	0	11	7	0	0	0	0	4
Hamilton Twp.	52	0	8	44	0	0	18	34	4	0	22	0	8
Hartford	29	0	6	23	12	0	0	17	1	0	1	0	8
Hartford Twp.	158	1	28	129	97	0	0	61	7	3	38	2	64
Keeler Twp.	50	0	13	37	0	0	11	39	6	2	13	0	19
Lawrence	7	0	1	6	0	0	0	7	0	0	1	0	1
Lawrence Twp.	164	1	28	135	81	0	0	83	7	3	50	1	43
Lawton	14	0	0	14	0	0	7	7	1	0	2	0	0
Mattawan	84	0	4	80	54	0	0	30	1	2	10	0	5
Paw Paw	193	2	32	159	75	0	75	39	10	4	6	2	42
Paw Paw Twp.	191	1	24	166	88	0	14	88	6	3	58	1	40
Pine Grove Twp.	78	0	15	63	0	0	18	60	3	0	32	0	19
Porter Twp.	66	1	9	56	0	0	23	43	4	2	24	2	13
South Haven	138	0	20	118	62	0	9	65	7	2	3	0	24
South Haven Twp.	144	0	28	116	48	0	36	60	8	2	36	0	36
Waverly Twp.	108	1	17	90	0	0	78	30	3	2	46	1	25
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>2,399</b>	<b>12</b>	<b>407</b>	<b>1,980</b>	<b>607</b>	<b>0</b>	<b>482</b>	<b>1,300</b>	<b>109</b>	<b>33</b>	<b>620</b>	<b>15</b>	<b>594</b>

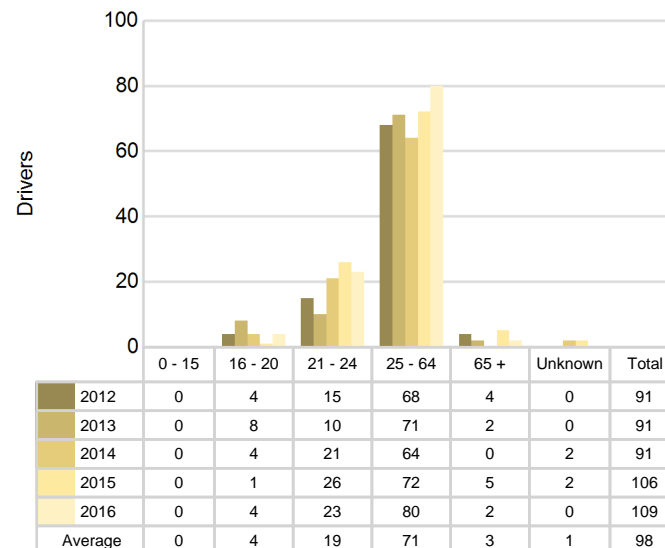
## 5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	9	0	2	0	4	0	3	0	2	0
16 - 20	323	4	372	8	345	4	363	1	386	4
21 - 24	238	15	266	10	306	21	340	26	320	23
25 - 64	1,713	68	2,067	71	2,212	64	2,183	72	2,155	80
65 +	261	4	296	2	297	0	343	5	372	2
Unknown	114	0	120	0	149	2	116	2	117	0
<b>Total</b>	<b>2,658</b>	<b>91</b>	<b>3,123</b>	<b>91</b>	<b>3,313</b>	<b>91</b>	<b>3,348</b>	<b>106</b>	<b>3,352</b>	<b>109</b>

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



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



**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	0	0	0	0	0	0	0	0	0
16 - 20	8	10	3	4	0	0	3	0	1
21 - 24	24	28	21	23	0	3	10	6	4
25 - 64	101	98	70	80	1	13	20	23	23
65 +	4	3	1	2	0	0	0	1	1
Unknown	7	0	0	0	0	0	0	0	0
<b>Total</b>	<b>144</b>	<b>139</b>	<b>95</b>	<b>109</b>	<b>1</b>	<b>16</b>	<b>33</b>	<b>30</b>	<b>29</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 144 drivers in alcohol-involved crashes; 109 (75.7%) of those drivers were coded as had-been-drinking by the officer on the crash form.

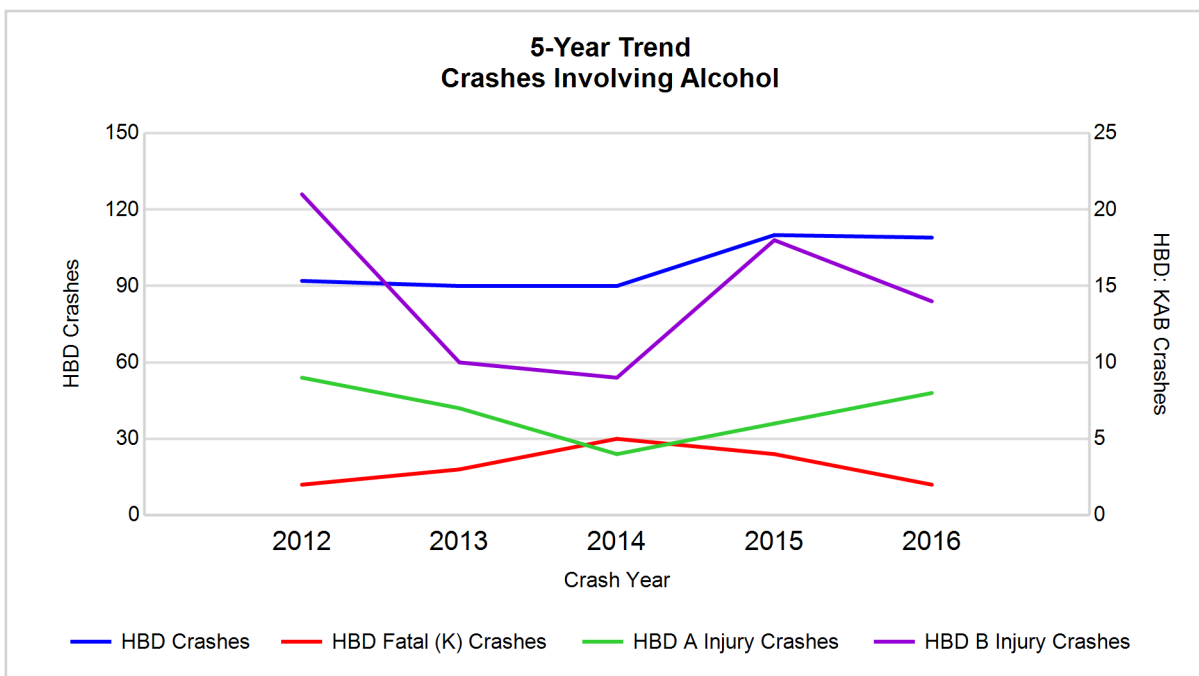
- 63 (57.8%) of the 109 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 30 (47.6%) of the 63 drivers had a BAC at or above 0.17 g/dL.
- 95 (87.2%) of the 109 drivers were coded as had-been-drinking and were tested for alcohol consumption.

**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	1,947	92	4.7	12	2	16.7	44	9	20.5	95	21	22.1
2013	2,307	90	3.9	16	3	18.8	44	7	15.9	91	10	11.0
2014	2,295	90	3.9	8	5	62.5	38	4	10.5	111	9	8.1
2015	2,375	110	4.6	15	4	26.7	36	6	16.7	115	18	15.7
2016	2,399**	109	4.5	12	2	16.7	55**	8	14.5	94	14	14.9

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



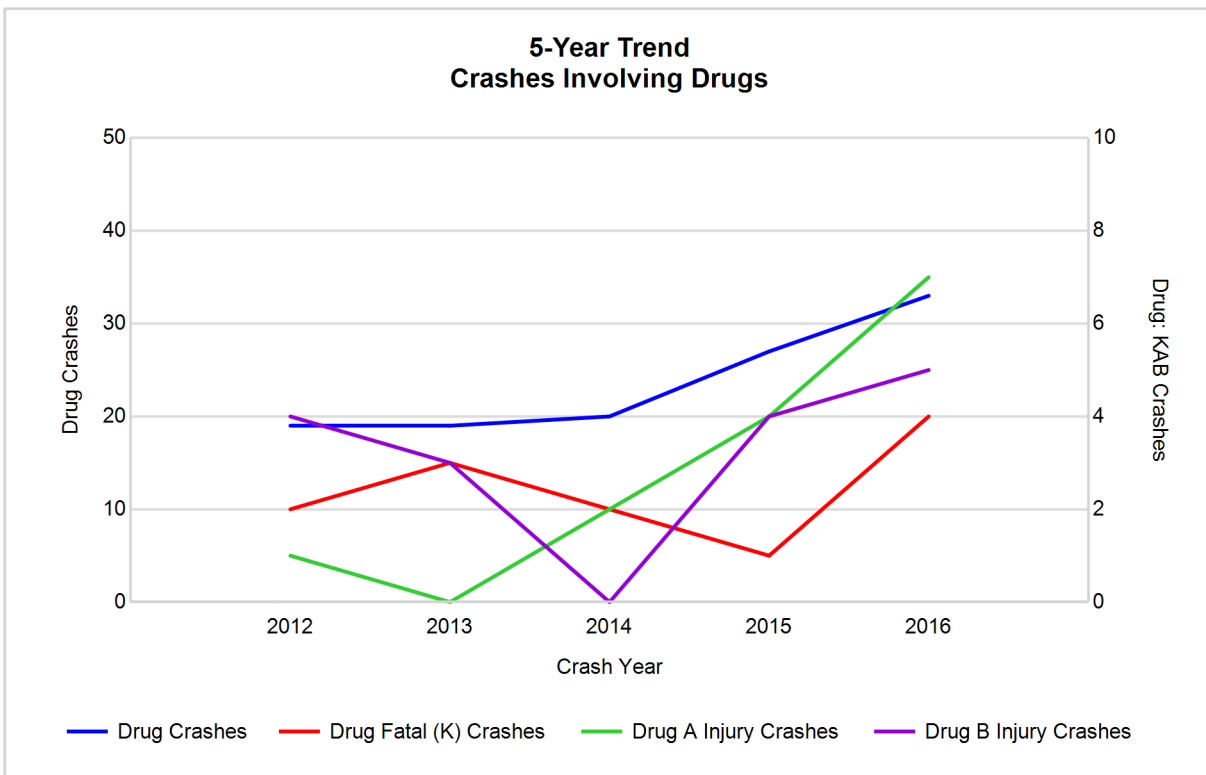
Note: Had-Been-Drinking (HBD)

## 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
2012	1,947	19	1.0	12	2	16.7	44	1	2.3	95	4	4.2
2013	2,307	19	0.8	16	3	18.8	44	0	0.0	91	3	3.3
2014	2,295	20	0.9	8	2	25.0	38	2	5.3	111	0	0.0
2015	2,375	27	1.1	15	1	6.7	36	4	11.1	115	4	3.5
2016	2,399**	33**	1.4**	12	4**	33.3**	55**	7**	12.7**	94	5**	5.3**

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

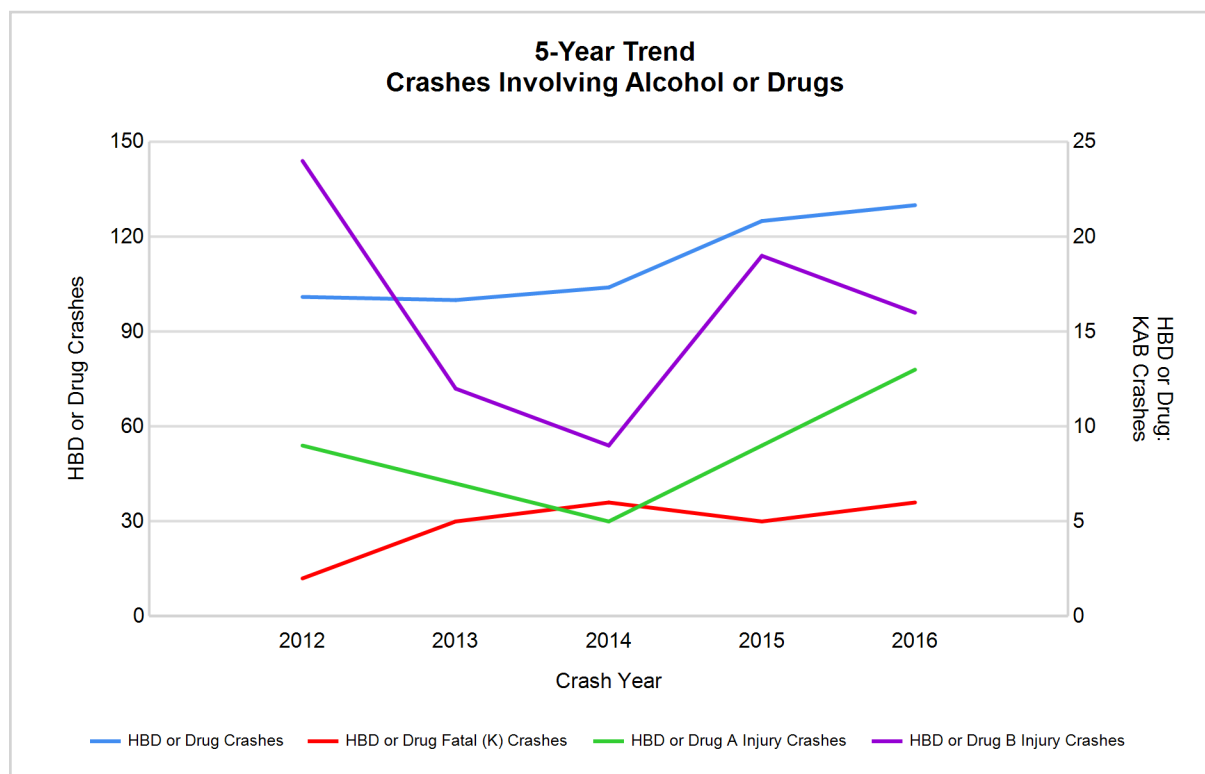


## 5-Year Trend - Crashes Involving Alcohol or Drugs

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	1,947	101	5.2	12	2	16.7	44	9	20.5	95	24	25.3
2013	2,307	100	4.3	16	5	31.3	44	7	15.9	91	12	13.2
2014	2,295	104	4.5	8	6	75.0	38	5	13.2	111	9	8.1
2015	2,375	125	5.3	15	5	33.3	36	9	25.0	115	19	16.5
2016	2,399**	130**	5.4**	12	6	50.0	55**	13**	23.6	94	16	17.0

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	2,617	2,433	93.0	11	8	72.7	39	31	79.5	88	77	87.5	315	294	93.3	2,109	2,023	95.9
Motor home	54	51	94.4	0	0	0.0	0	0	0.0	0	0	0.0	5	4	80.0	49	47	95.9
Pickup truck	554	507	91.5	2	0	0.0	9	5	55.6	15	14	93.3	60	59	98.3	450	429	95.3
Small truck under 10,000 lbs. GVWR	28	26	92.9	0	0	0.0	0	0	0.0	1	1	100.0	1	1	100.0	25	24	96.0
Motorcycle	44	17	38.6	1	1	100.0	17	6	35.3	9	3	33.3	6	1	16.7	11	6	54.5
Moped / goped	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Go-cart / golf cart	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Snowmobile	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	5	0	0.0	0	0	0.0	3	0	0.0	1	0	0.0	0	0	0.0	1	0	0.0
Other	20	12	60.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	18	12	66.7
Truck/bus over 10,000 lbs.	156	142	91.0	0	0	0.0	1	1	100.0	1	0	0.0	4	3	75.0	148	138	93.2
Unknown	40	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
<b>Total</b>	<b>3,518</b>	<b>3,188</b>	<b>90.6</b>	<b>14</b>	<b>9</b>	<b>0.0</b>	<b>69</b>	<b>43</b>	<b>62.3</b>	<b>115</b>	<b>95</b>	<b>82.6</b>	<b>391</b>	<b>362</b>	<b>92.6</b>	<b>2,811</b>	<b>2,679</b>	<b>95.3</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	41	33	80.5	0	0	0.0	6	3	50.0	8	6	75.0	25	22	88.0	2	2	100.0
16 - 20	418	394	94.3	4	2	50.0	4	1	25.0	20	16	80.0	59	52	88.1	331	323	97.6
21 - 24	336	314	93.5	2	1	50.0	6	5	83.3	15	13	86.7	39	37	94.9	273	258	94.5
25 - 64	2,217	2,080	93.8	7	5	71.4	41	25	61.0	57	47	82.5	230	213	92.6	1,878	1,790	95.3
65 +	389	367	94.3	1	1	100.0	12	9	75.0	15	13	86.7	38	38	100.0	322	306	95.0
Unknown	117	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	5	0	0.0
<b>Total</b>	<b>3,518</b>	<b>3,188</b>	<b>90.6</b>	<b>14</b>	<b>9</b>	<b>0.0</b>	<b>69</b>	<b>43</b>	<b>62.3</b>	<b>115</b>	<b>95</b>	<b>82.6</b>	<b>391</b>	<b>362</b>	<b>92.6</b>	<b>2,811</b>	<b>2,679</b>	<b>95.3</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	23	0	4	20	1	2	24	0	1	17	0	1	17	0	2
Shoulder belt only used	3	0	1	11	0	1	9	0	1	2	0	0	13	0	3
Lap belt only used	15	0	1	16	0	1	8	0	0	16	0	2	9	0	2
Both lap & shoulder belts used	2,373	5	273	2,792	8	284	2,981	3	337	3,052	6	336	3,014	6	354
No belts used	31	4	17	33	2	14	32	1	9	34	5	12	28	2	11
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	2	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	0	0	0	1	0	0	0	0	0	2	0	1	2	0	0
Restraint use unknown	61	0	13	93	0	10	75	1	12	72	2	9	193	3	10
Helmet worn	27	2	20	24	0	18	21	0	17	20	1	16	14	1	7
Helmet not worn	11	0	9	10	1	8	14	1	10	23	0	17	23	0	19
Helmet use unknown	1	0	0	5	0	2	3	1	1	2	0	2	5	0	3
Uncoded & errors	113	0	0	116	0	0	146	0	0	108	0	1	34	0	0
<b>Total</b>	<b>2,658</b>	<b>11</b>	<b>338</b>	<b>3,123</b>	<b>12</b>	<b>340</b>	<b>3,313</b>	<b>7</b>	<b>388</b>	<b>3,348</b>	<b>14</b>	<b>397</b>	<b>3,352</b>	<b>12</b>	<b>411</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	0	0	0	1	0	1	1	0	0	0	0	0	2	0	1
Shoulder belt only used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lap belt only used	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Both lap & shoulder belts used	69	0	26	57	1	10	72	1	15	83	2	22	82	0	25
No belts used	7	1	6	8	1	3	4	1	2	9	1	6	3	0	2
Child restraint used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child restraint not used, unavailable or improper use	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	13	0	6	22	0	4	9	1	1	11	0	4	18	2	3
Helmet worn	1	0	1	1	0	0	1	0	1	0	0	0	0	0	0
Helmet not worn	0	0	0	2	0	1	2	1	1	2	0	2	2	0	2
Helmet use unknown	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Uncoded & errors	0	0	0	0	0	0	2	0	0	1	0	1	0	0	0
<b>Total</b>	<b>91</b>	<b>1</b>	<b>39</b>	<b>91</b>	<b>2</b>	<b>19</b>	<b>91</b>	<b>4</b>	<b>20</b>	<b>106</b>	<b>3</b>	<b>35</b>	<b>109</b>	<b>2</b>	<b>35</b>

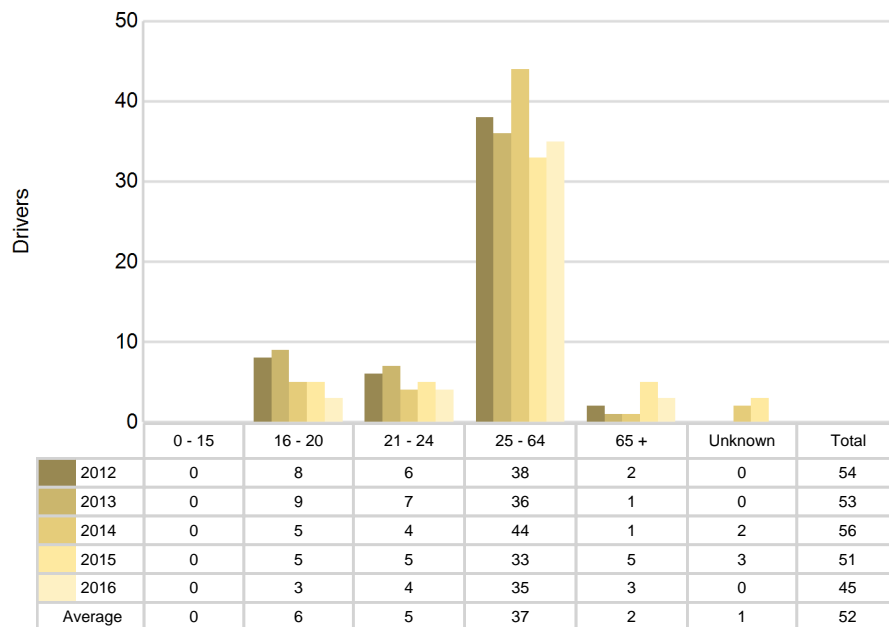


## 5-Year Trend - Seatbelt Not Used Among Drivers by Age

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 - 20	8	0	2	9	0	3	5	0	1	5	1	0	3	1	1
21 - 24	6	0	3	7	0	3	4	0	2	5	1	3	4	0	1
25 - 64	38	3	16	36	3	10	44	1	7	33	1	7	35	1	9
65 +	2	1	0	1	0	0	1	0	0	5	2	2	3	0	2
Unknown	0	0	0	0	0	0	2	0	0	3	0	1	0	0	0
<b>Total</b>	<b>54</b>	<b>4</b>	<b>21</b>	<b>53</b>	<b>3</b>	<b>16</b>	<b>56</b>	<b>1</b>	<b>10</b>	<b>51</b>	<b>5</b>	<b>13</b>	<b>45</b>	<b>2</b>	<b>13</b>

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

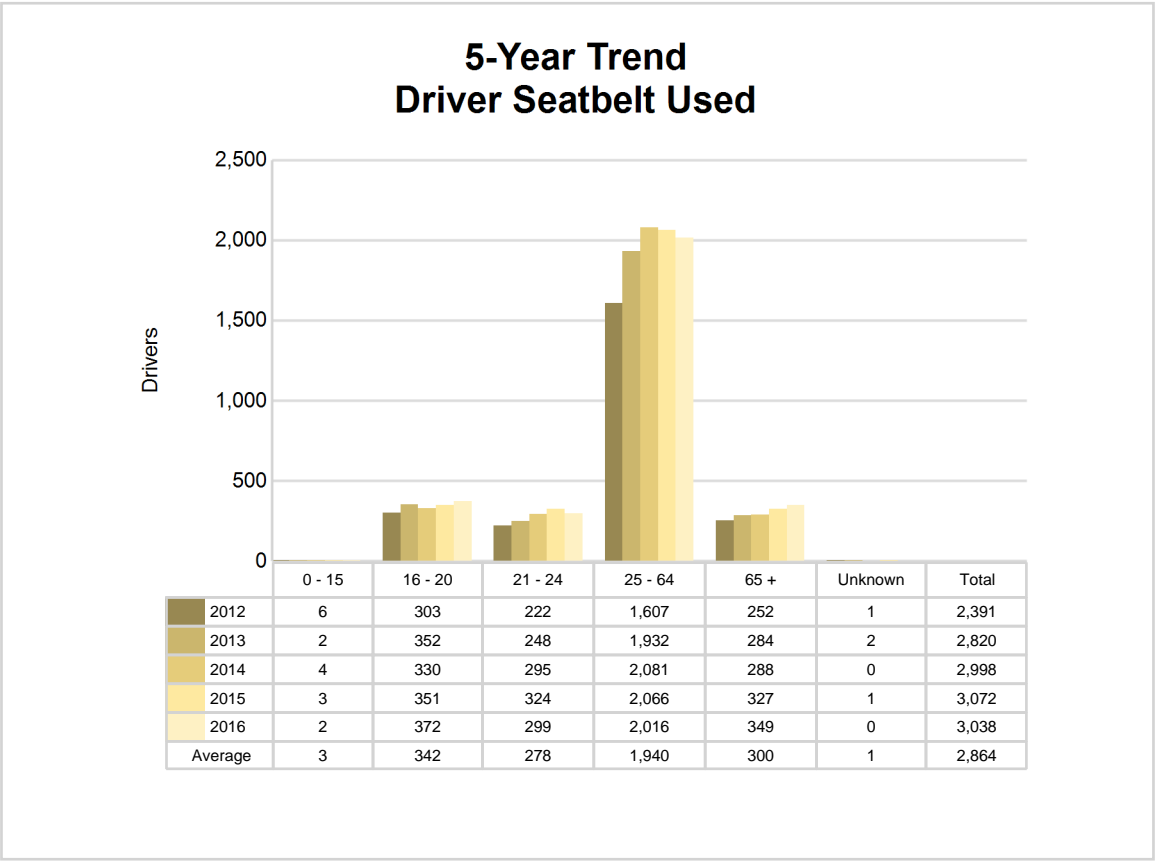
## 5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

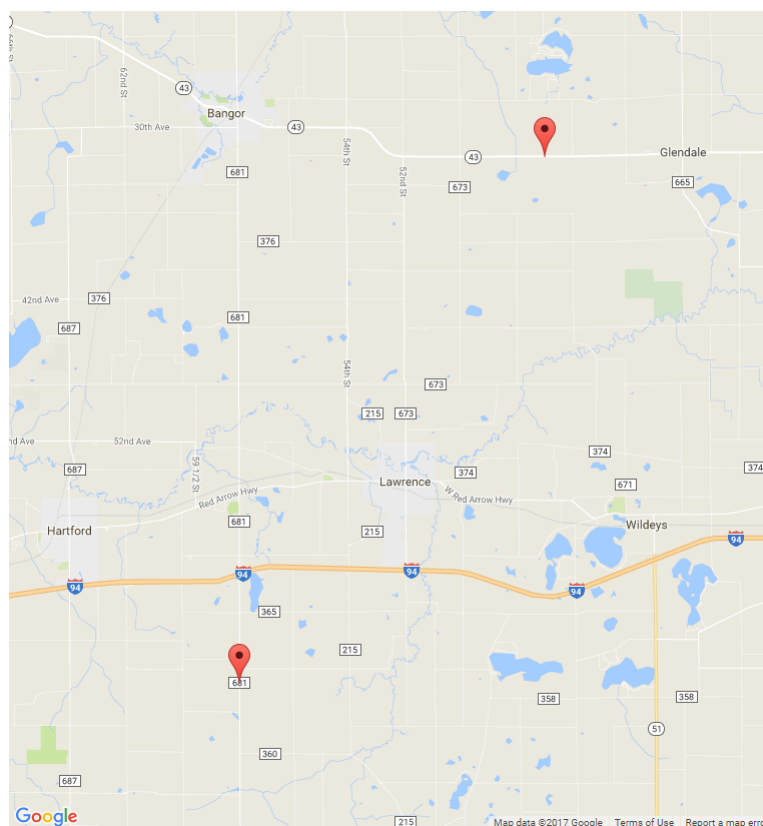
Age Group	2012			2013			2014			2015			2016		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	6	0	2	2	0	0	4	0	1	3	0	1	2	0	0
16 - 20	303	2	36	352	1	38	330	0	38	351	1	48	372	1	48
21 - 24	222	2	17	248	0	31	295	1	39	324	1	40	299	1	41
25 - 64	1,607	0	182	1,932	2	184	2,081	1	229	2,066	2	207	2,016	4	226
65 +	252	1	38	284	5	33	288	1	31	327	2	43	349	0	44
Unknown	1	0	0	2	0	0	0	0	0	1	0	0	0	0	0
Total	2,391	5	275	2,820	8	286	2,998	3	338	3,072	6	339	3,038	6	359

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	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	1,397	7	1,571	11	1,690	3	1,760	12	1,724	9
Speed too fast	421	2	658	3	579	3	501	4	544	5
Speed too slow	2	0	3	0	4	0	4	1	2	0
Failed to yield	216	1	205	1	250	0	256	1	222	1
Disregard traffic control	33	0	25	2	32	0	48	0	37	0
Drove wrong way	1	0	3	0	6	0	3	0	3	1
Drove left of center	19	0	19	2	28	1	31	0	35	2
Improper passing	21	1	21	0	13	0	16	0	21	0
Improper lane use	32	0	37	0	43	0	50	0	39	0
Improper turn	17	0	18	0	22	0	16	0	24	0
Improper/no signal	10	0	9	0	6	0	10	0	3	0
Improper backing	36	0	45	0	54	0	37	0	48	0
Unable to stop in assured clear distance	199	1	216	0	285	0	264	0	271	2
Other	97	1	91	0	93	2	123	0	115	0
Unknown	29	4	67	3	57	0	53	3	116	2
Reckless driving	15	0	22	3	21	1	25	0	16	0
Careless/negligent driving	113	1	113	0	130	1	150	5	132	1
Uncoded & errors	0	0	0	0	0	0	1	1	0	0
<b>Total</b>	<b>2,658</b>	<b>18</b>	<b>3,123</b>	<b>25</b>	<b>3,313</b>	<b>11</b>	<b>3,348</b>	<b>27</b>	<b>3,352</b>	<b>23</b>



The picture above represents all 2016 alcohol-involved fatal crashes in Van Buren County.

In 2016, there were 109 alcohol-involved crashes in Van Buren County:

- 2 K - Fatal Crashes
- 8 A - Suspected Serious Injury Crashes
- 14 B - Suspected Minor Injury Crashes
- 23 C - Possible Injury Crashes
- 62 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) 284-3112  
Fax: (517) 284-3151

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

