MICHIGAN

OHSP

Office of Highway Safety Planning

2014

MTCF
Michigan Traffic Crash Facts

Michigan Traffic Crash Facts

Van Buren County

2014 Traffic Crash Data
& 2010-2014 5-Year Trends

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
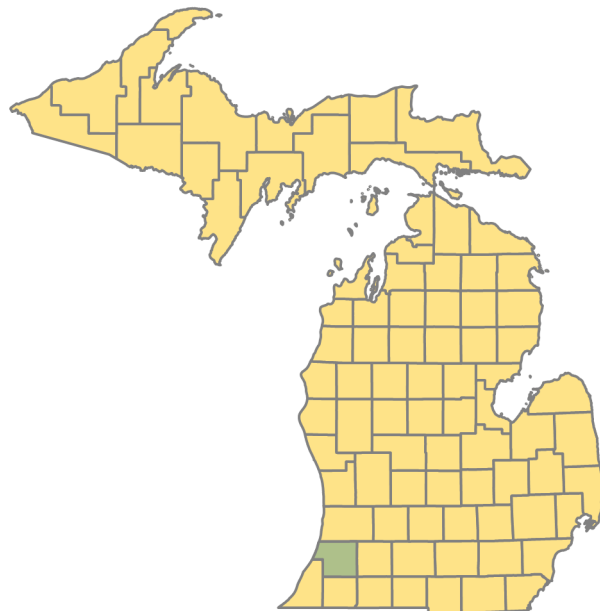C = Possible Injury
O = No Injury
     Property Damage Only (PDO)

UMTRI
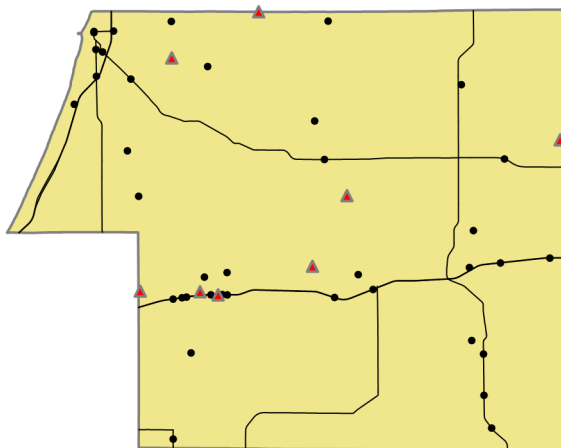UNIVERSITY OF MICHIGAN
TRANSPORTATION
RESEARCH INSTITUTE

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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Van Buren County

Crashes by most severe injury (mapped/actual)

▲ K - Fatal (8/8)
● A - Incapacitating (38/38)

2014 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	370	0	51	319	0	66
February	221	0	34	187	0	67
March	180	1	27	152	1	36
April	114	3	20	91	3	29
May	132	2	29	101	2	41
June	133	0	29	104	0	42
July	180	0	40	140	0	71
August	146	1	24	121	2	31
September	139	1	29	109	1	38
October	196	0	37	159	0	46
November	332	0	49	283	0	58
December	152	0	26	126	0	33
Total	**2,295**	**8**	**395**	**1,892**	**9**	**558**

Van Buren County

In 2014:

There were 3,313 drivers involved in 2,295 motor vehicle crashes in Van Buren County. Of those crashes, 8 were classified as fatal, resulting in 9 fatalities. An additional 558 persons were injured.

Van Buren County experienced the highest number of motor vehicle crashes (370) in January, the highest number of fatal crashes (3) and the highest number of persons killed (3) in April.

Michigan driver statistics indicate 6.8 percent of licensed drivers in Van Buren County were age 16-20, and 10.4 percent of drivers in crashes were also in that age group.

2014 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2014 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	16,014	395	4	2.5	101.3
16 - 20	4,879	3,729	345	707.1	925.2
21 - 24	3,421	3,296	306	894.5	928.4
25 - 64	38,844	36,554	2,212	569.5	605.1
65 +	12,041	11,111	297	246.7	267.3
Unknown	- -	- -	149	- -	- -
Total	**75,199**	**55,085**	**3,313**	**440.6**	**601.4**

2014 - 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	2,316	69.9	6	54.5	443	1,867
Van & motorhome	132	4.0	0	0.0	20	112
Pickup truck	488	14.7	3	27.3	99	386
Small truck under 10,000 lbs. GVWR	24	0.7	0	0.0	5	19
Cycle	29	0.9	1	9.1	21	7
Moped	9	0.3	0	0.0	6	3
Go Cart	0	0.0	0	0.0	0	0
Snowmobile	2	0.1	1	9.1	1	0
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	1	0.0	0	0.0	1	0
Other	16	0.5	0	0.0	2	14
Truck/bus over 10,000 lbs.	247	7.5	0	0.0	76	171
Unknown	49	1.5	0	0.0	5	44
Total	**3,313**	**100.0**	**11**	**100.0**	**679**	**2,623**

5-Year Trend - Crashes by Month

| Month	2010		2011		2012		2013		2014	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	332	1	327	0	300	0	303	2	370	0
February	227	0	219	2	176	1	230	2	221	0
March	102	1	109	0	113	2	166	1	180	1
April	126	0	128	0	106	2	109	0	114	3
May	129	0	153	1	115	0	131	0	132	2
June	158	2	154	1	150	0	149	0	133	0
July	168	2	173	2	146	1	151	2	180	0
August	136	0	133	2	134	1	144	3	146	1
September	132	0	140	1	116	2	128	2	139	1
October	199	3	179	0	154	2	183	3	196	0
November	205	1	241	0	204	1	323	1	332	0
December	418	0	209	1	233	0	290	0	152	0
Total	**2,332**	**10**	**2,165**	**10**	**1,947**	**12**	**2,307**	**16**	**2,295**	**8**

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	2010		2011		2012		2013		2014	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	307	4	311	2	295	3	313	1	293	0
Tuesday	314	0	318	3	249	3	376	2	301	0
Wednesday	393	0	262	0	278	0	369	1	312	3
Thursday	324	2	280	0	233	0	368	3	406	1
Friday	370	1	331	1	378	2	283	6	416	0
Saturday	309	2	359	1	275	2	338	1	304	3
Sunday	315	1	304	3	239	2	260	2	263	1
Total	**2,332**	**10**	**2,165**	**10**	**1,947**	**12**	**2,307**	**16**	**2,295**	**8**

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

2014 Crashes by Month

Legend: All Crashes, Fatal Crashes

Van Buren County (continued)
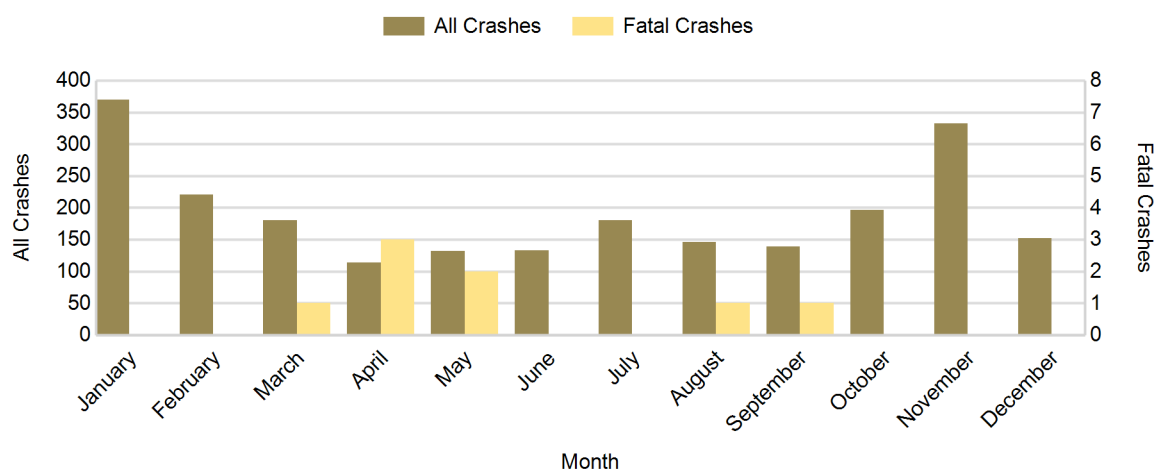
2014 - Crashes by Day of Week

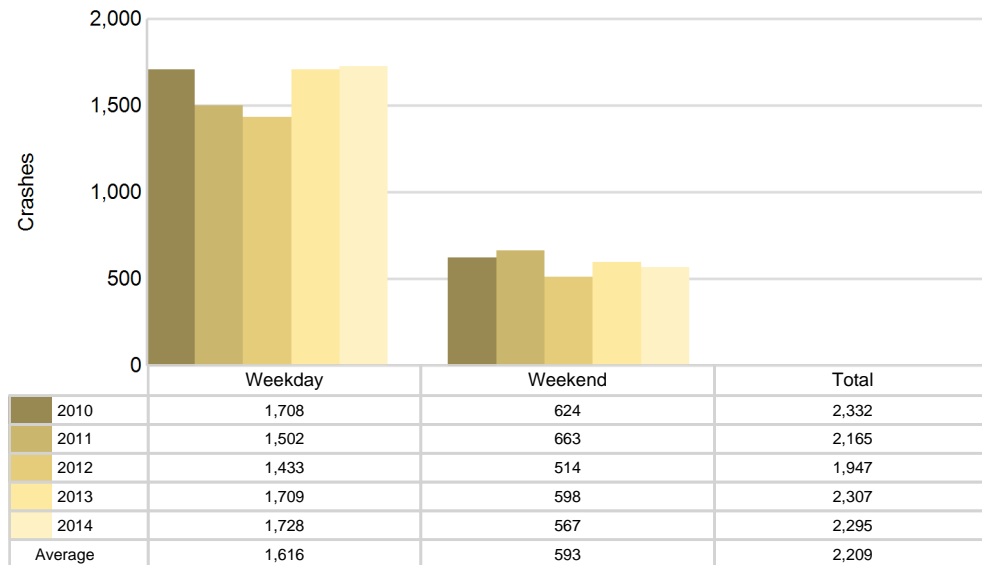| Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	293	12.8	0	0.0	4	18	25	246
Tuesday	301	13.1	0	0.0	4	15	29	253
Wednesday	312	13.6	3	37.5	6	7	30	266
Thursday	406	17.7	1	12.5	7	13	48	337
Friday	416	18.1	0	0.0	7	31	53	325
Saturday	304	13.2	3	37.5	4	8	31	258
Sunday	263	11.5	1	12.5	6	19	30	207
Total	**2,295**	**100.0**	**8**	**100.0**	**38**	**111**	**246**	**1,892**

2014 Day of Week and Severity
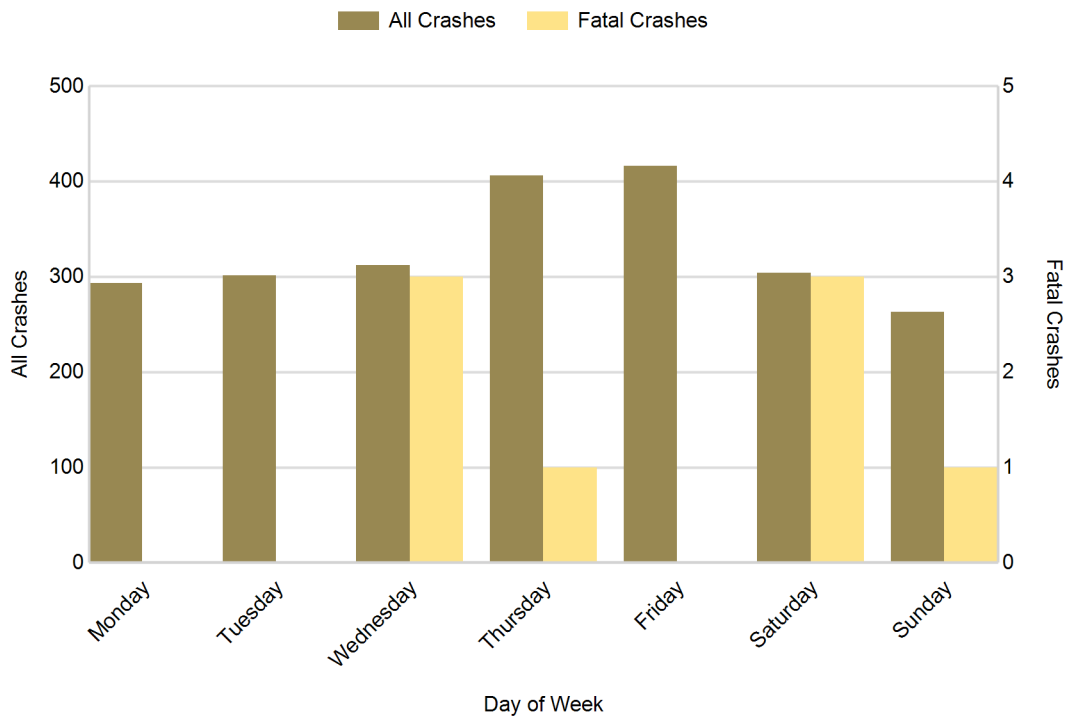
Van Buren County (continued)

5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2010		2011		2012		2013		2014	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	1,708	7	1,502	6	1,433	8	1,709	13	1,728	4
Weekend	624	3	663	4	514	4	598	3	567	4
Total	**2,332**	**10**	**2,165**	**10**	**1,947**	**12**	**2,307**	**16**	**2,295**	**8**

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

	Weekday	Weekend	Total
2010	1,708	624	2,332
2011	1,502	663	2,165
2012	1,433	514	1,947
2013	1,709	598	2,307
2014	1,728	567	2,295
Average	1,616	593	2,209

5-Year Trend - Crashes by Time of Day

Time of Day	2010		2011		2012		2013		2014	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	155	2	180	2	131	1	140	1	136	1
3:00 AM - 5:59 AM	145	0	129	0	109	0	133	0	151	1
6:00 AM - 8:59 AM	335	1	366	1	304	2	344	5	370	1
9:00 AM - 11:59 AM	269	1	232	1	233	2	336	0	297	1
Noon - 2:59 PM	300	1	304	1	267	2	356	1	335	0
3:00 PM - 5:59 PM	393	0	334	3	326	1	356	3	411	1
6:00 PM - 8:59 PM	449	5	373	1	340	1	385	1	363	0
9:00 PM - 11:59 PM	286	0	245	1	236	3	257	5	231	3
Unknown	0	0	2	0	1	0	0	0	1	0
Total	**2,332**	**10**	**2,165**	**10**	**1,947**	**12**	**2,307**	**16**	**2,295**	**8**

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

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

	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2010	155	145	335	269	300	393	449	286	0	2,332
2011	180	129	366	232	304	334	373	245	2	2,165
2012	131	109	304	233	267	326	340	236	1	1,947
2013	140	133	344	336	356	356	385	257	0	2,307
2014	136	151	370	297	335	411	363	231	1	2,295
Average	148	133	344	273	312	364	382	251	1	2,209

**5-Year Trend
Fatal Crashes by Time of Day**

	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2010	2	0	1	1	1	0	5	0	0	10
2011	2	0	1	1	1	3	1	1	0	10
2012	1	0	2	2	2	1	1	3	0	12
2013	1	0	5	0	1	3	1	5	0	16
2014	1	1	1	1	0	1	0	3	0	8
Average	1	0	2	1	1	2	2	2	0	11

Van Buren County (continued)

2014 - Time and Severity
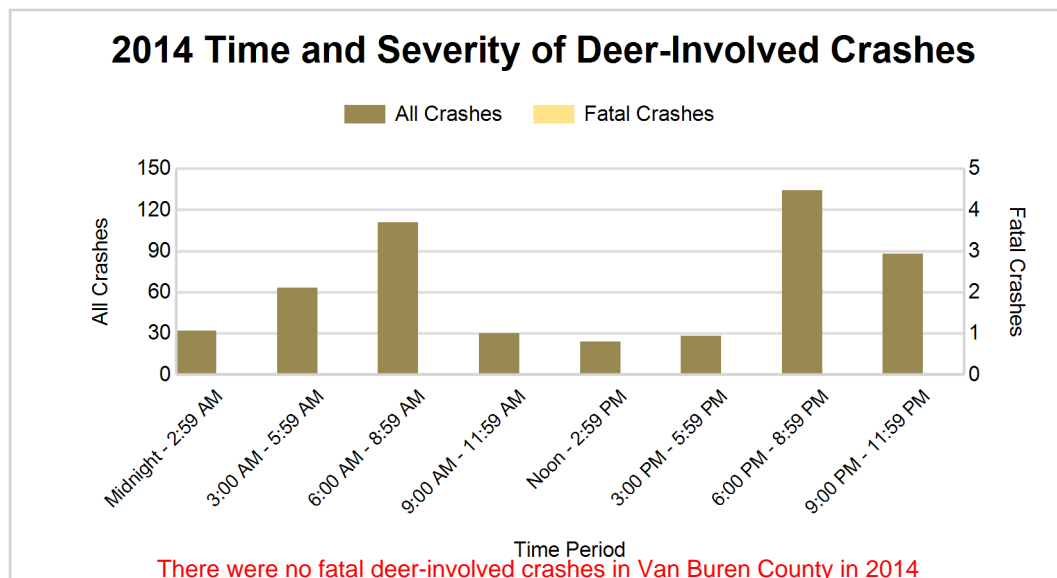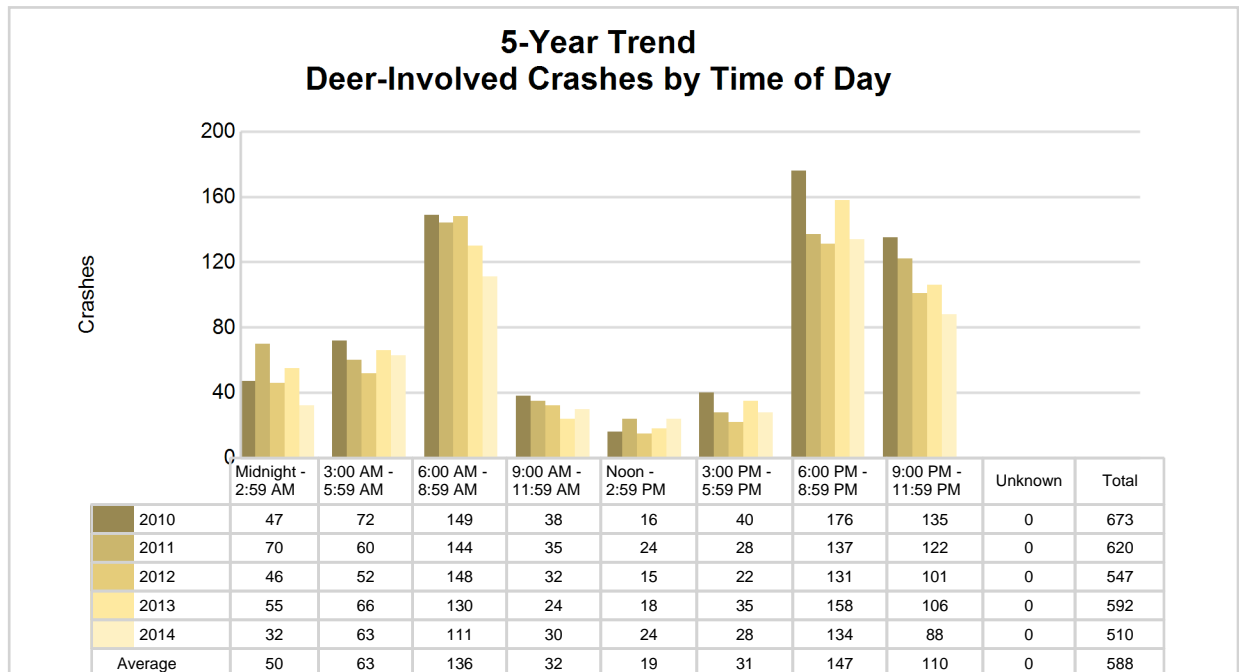
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	136	5.9	1	12.5	2	9	14	110
3:00 AM - 5:59 AM	151	6.6	1	12.5	0	5	9	136
6:00 AM - 8:59 AM	370	16.1	1	12.5	3	9	39	318
9:00 AM - 11:59 AM	297	12.9	1	12.5	5	12	32	247
Noon - 2:59 PM	335	14.6	0	0.0	7	22	44	262
3:00 PM - 5:59 PM	411	17.9	1	12.5	5	27	57	321
6:00 PM - 8:59 PM	363	15.8	0	0.0	11	23	30	299
9:00 PM - 11:59 PM	231	10.1	3	37.5	5	4	21	198
Unknown	1	0.0	0	0.0	0	0	0	1
Total	**2,295**	**100.0**	**8**	**100.0**	**38**	**111**	**246**	**1,892**
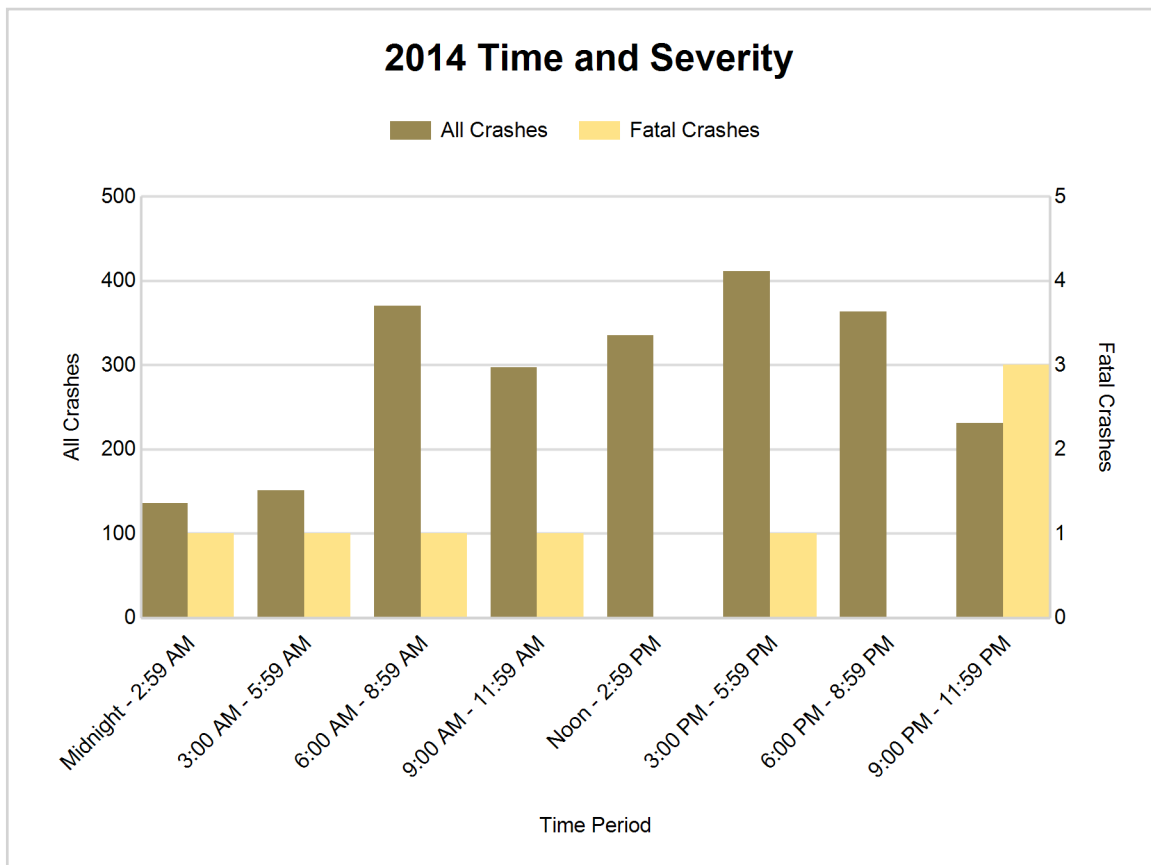
2014 Time and Severity

Van Buren County (continued)

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

Time of Day	2010		2011		2012		2013		2014	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	47	0	70	0	46	0	55	0	32	0
3:00 AM - 5:59 AM	72	0	60	0	52	0	66	0	63	0
6:00 AM - 8:59 AM	149	0	144	0	148	0	130	0	111	0
9:00 AM - 11:59 AM	38	0	35	0	32	0	24	0	30	0
Noon - 2:59 PM	16	0	24	0	15	1	18	0	24	0
3:00 PM - 5:59 PM	40	0	28	0	22	0	35	0	28	0
6:00 PM - 8:59 PM	176	0	137	0	131	0	158	0	134	0
9:00 PM - 11:59 PM	135	0	122	0	101	0	106	0	88	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	**673**	**0**	**620**	**0**	**547**	**1**	**592**	**0**	**510**	**0**

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

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

	Midnight - 2:59 AM	3:00 AM - 5:59 AM	6:00 AM - 8:59 AM	9:00 AM - 11:59 AM	Noon - 2:59 PM	3:00 PM - 5:59 PM	6:00 PM - 8:59 PM	9:00 PM - 11:59 PM	Unknown	Total
2010	47	72	149	38	16	40	176	135	0	673
2011	70	60	144	35	24	28	137	122	0	620
2012	46	52	148	32	15	22	131	101	0	547
2013	55	66	130	24	18	35	158	106	0	592
2014	32	63	111	30	24	28	134	88	0	510
Average	50	63	136	32	19	31	147	110	0	588

2014 Time and Severity of Deer-Involved Crashes

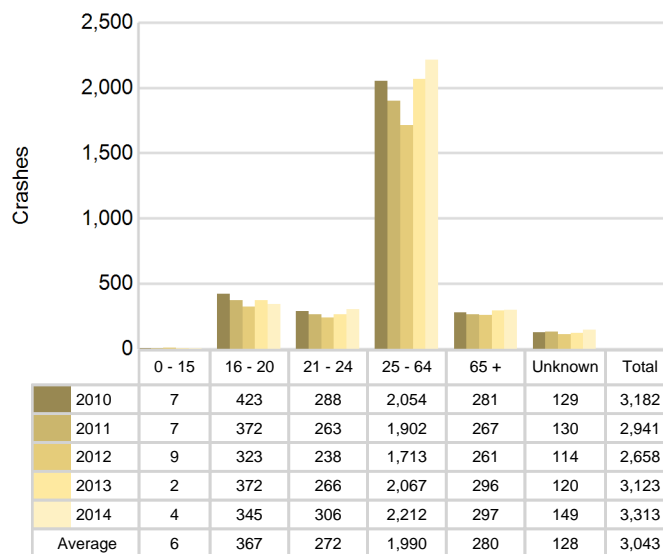There were no fatal deer-involved crashes in Van Buren County in 2014

2014 - Reported Motor Vehicle Crashes by Municipality

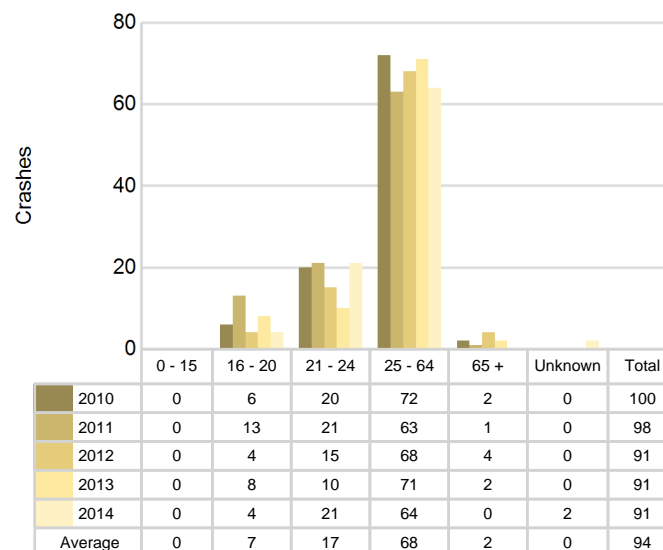| Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Almena Twp.	92	1	14	77	0	0	35	57	2	2	39	1	18
Antwerp Twp.	236	0	39	197	62	0	24	150	11	2	40	0	62
Arlington Twp.	43	1	9	33	0	0	23	20	3	0	22	1	16
Bangor	23	0	3	20	0	0	11	12	0	0	0	0	3
Bangor Twp.	62	0	12	50	0	0	8	54	1	1	24	0	16
Bloomingdale	6	0	0	6	0	0	0	6	0	0	1	0	0
Bloomingdale Twp.	51	0	5	46	0	0	0	51	1	0	21	0	6
Breedsville	4	0	0	4	0	0	0	4	0	0	0	0	0
Columbia Twp.	49	1	7	41	0	0	0	49	4	2	14	1	7
Covert Twp.	97	0	15	82	39	0	22	36	7	1	33	0	18
Decatur	17	0	2	15	0	0	9	8	2	0	1	0	2
Decatur Twp.	46	0	7	39	0	0	11	35	2	0	10	0	7
Geneva Twp.	117	1	25	91	0	0	16	101	4	2	32	1	46
Gobles	15	0	3	12	0	0	9	6	0	1	0	0	4
Hamilton Twp.	41	0	7	34	0	0	10	31	6	0	16	0	10
Hartford	41	1	7	33	14	0	0	27	1	1	2	1	13
Hartford Twp.	164	2	34	128	100	0	0	64	2	1	20	3	62
Keeler Twp.	62	0	12	50	0	0	17	45	3	1	19	0	14
Lawrence	14	0	0	14	0	0	0	14	0	0	6	0	0
Lawrence Twp.	164	1	41	122	98	0	0	66	3	0	28	1	51
Lawton	34	0	6	28	0	0	19	15	3	1	3	0	7
Mattawan	96	0	14	82	60	0	0	36	5	1	4	0	24
Paw Paw	168	0	27	141	50	0	71	47	5	2	7	0	32
Paw Paw Twp.	165	0	25	140	82	0	13	70	8	0	35	0	36
Pine Grove Twp.	74	0	9	65	0	0	23	51	4	0	31	0	10
Porter Twp.	59	0	15	44	0	0	22	37	6	1	22	0	20
South Haven	159	0	31	128	76	0	17	66	4	1	7	0	39
South Haven Twp.	124	0	20	104	51	0	32	41	3	0	31	0	25
Waverly Twp.	72	0	6	66	0	0	56	16	0	0	42	0	10
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**2,295**	**8**	**395**	**1,892**	**632**	**0**	**448**	**1,215**	**90**	**20**	**510**	**9**	**558**

Van Buren County (continued)

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

Driver Age	2010		2011		2012		2013		2014	
	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	7	0	7	0	9	0	2	0	4	0
16 - 20	423	6	372	13	323	4	372	8	345	4
21 - 24	288	20	263	21	238	15	266	10	306	21
25 - 64	2,054	72	1,902	63	1,713	68	2,067	71	2,212	64
65 +	281	2	267	1	261	4	296	2	297	0
Unknown	129	0	130	0	114	0	120	0	149	2
Total	3,182	100	2,941	98	2,658	91	3,123	91	3,313	91

5-Year Trend
Total Drivers in Crashes by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2010	7	423	288	2,054	281	129	3,182
2011	7	372	263	1,902	267	130	2,941
2012	9	323	238	1,713	261	114	2,658
2013	2	372	266	2,067	296	120	3,123
2014	4	345	306	2,212	297	149	3,313
Average	6	367	272	1,990	280	128	3,043

5-Year Trend
Total Drivers Coded Drinking by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2010	0	6	20	72	2	0	100
2011	0	13	21	63	1	0	98
2012	0	4	15	68	4	0	91
2013	0	8	10	71	2	0	91
2014	0	4	21	64	0	2	91
Average	0	7	17	68	2	0	94

Van Buren County (continued)

2014 - 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	7	2	4	0	1	1	0	2
21 - 24	23	19	17	21	0	2	8	5	6
25 - 64	80	90	55	64	0	8	21	15	20
65 +	1	4	0	0	0	0	0	0	0
Unknown	6	0	0	2	0	0	0	0	2
Total	**118**	**120**	**74**	**91**	**0**	**11**	**30**	**20**	**30**

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 2014, there were 118 drivers in alcohol-involved crashes; 91 (77.1%) of those drivers were coded as had-been-drinking by the officer on the crash form.
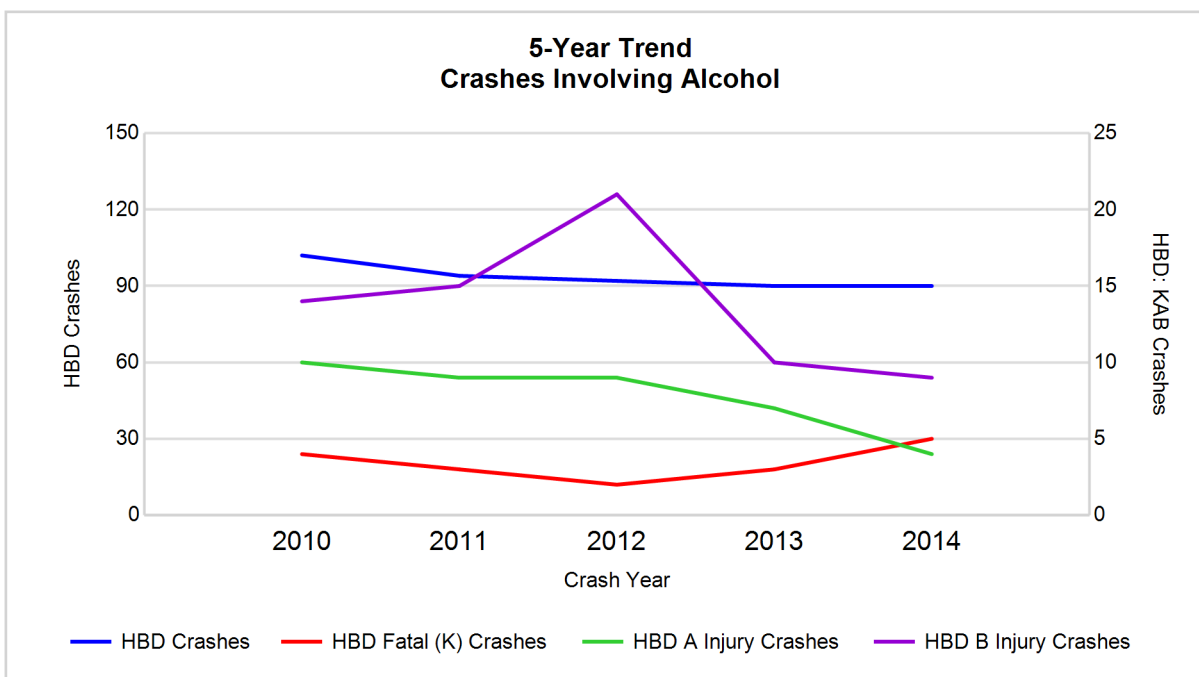
- 50 (54.9%) of the 91 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 20 (40.0%) of the 50 drivers had a BAC at or above 0.17 g/dL.

- 74 (81.3%) of the 91 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
2010	2,332	102	4.4	10	4	40.0	49	10	20.4	97	14	14.4
2011	2,165	94	4.3	10	3	30.0	46	9	19.6	89	15	16.9
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*

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
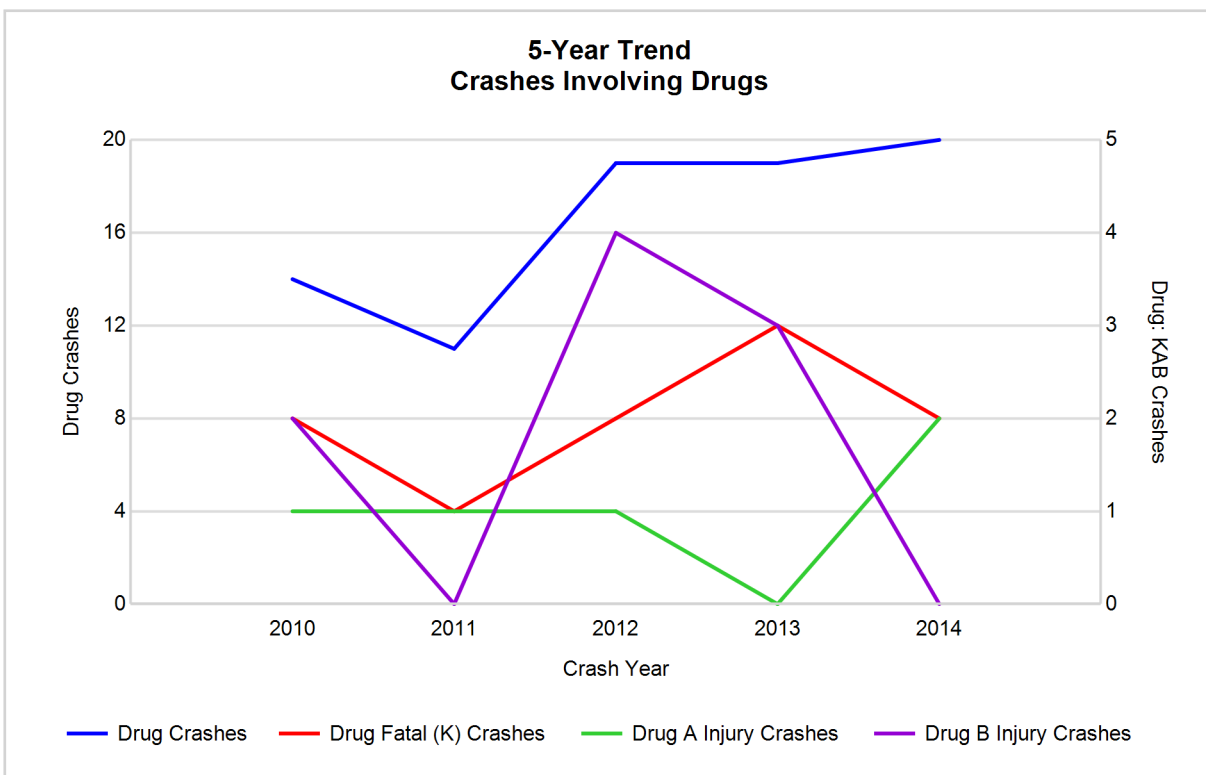

**5-Year Trend
Crashes Involving Alcohol**

Legend: HBD Crashes — HBD Fatal (K) Crashes — HBD A Injury Crashes — HBD B Injury Crashes

Note: Had-Been-Drinking (HBD)

Van Buren County (continued)

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
2010	2,332	14	0.6	10	2	20.0	49	1	2.0	97	2	2.1
2011	2,165	11	0.5	10	1	10.0	46	1	2.2	89	0	0.0
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

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 Drugs
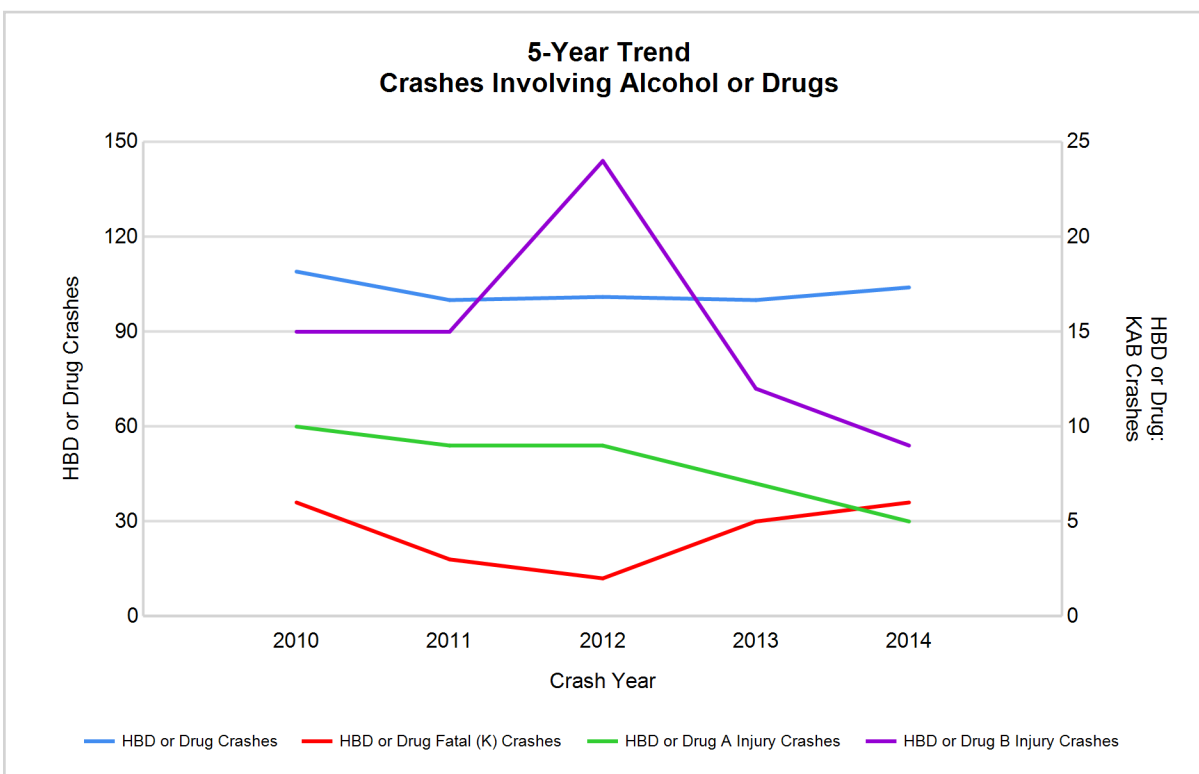
Van Buren County (continued)

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
2010	2,332	109	4.7	10	6	60.0	49	10	20.4	97	15	15.5
2011	2,165	100	4.6	10	3	30.0	46	9	19.6	89	15	16.9
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*

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**

Legend: HBD or Drug Crashes — HBD or Drug Fatal (K) Crashes — HBD or Drug A Injury Crashes — HBD or Drug B Injury Crashes

Note: Had-Been-Drinking (HBD)

Van Buren County (continued)

2014 - 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	2,423	2,261	93.3	4	3	75.0	30	25	83.3	90	83	92.2	257	240	93.4	1,983	1,910	96.3
Van & motorhome	149	141	94.6	0	0	0.0	0	0	0.0	4	3	75.0	22	21	95.5	120	117	97.5
Pickup truck	506	464	91.7	3	1	33.3	7	6	85.7	24	23	95.8	38	36	94.7	420	398	94.8
Small truck under 10,000 lbs. GVWR	25	24	96.0	0	0	0.0	0	0	0.0	0	0	0.0	2	2	100.0	23	22	95.7
Cycle	32	21	65.6	1	0	0.0	4	2	50.0	9	7	77.8	10	9	90.0	7	3	42.9
Moped	9	2	22.2	0	0	0.0	1	0	0.0	1	0	0.0	4	1	25.0	1	1	100.0
Go 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	2	1	50.0	1	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	1	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Other	16	10	62.5	0	0	0.0	0	0	0.0	1	0	0.0	1	1	100.0	12	9	75.0
Truck/bus over 10,000 lbs.	259	224	86.5	0	0	0.0	2	2	100.0	2	2	100.0	33	19	57.6	214	201	93.9
Unknown	49	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
Total	3,471	3,148	90.7	9	4	0.0	45	35	77.8	131	118	90.1	368	330	89.7	2,781	2,661	95.7

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.

2014 - 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	31	27	87.1	0	0	0.0	1	1	100.0	5	3	60.0	22	20	90.9	3	3	100.0
16 - 20	371	353	95.1	0	0	0.0	1	0	0.0	26	24	92.3	41	36	87.8	303	293	96.7
21 - 24	321	307	95.6	1	1	100.0	8	6	75.0	15	13	86.7	36	32	88.9	261	255	97.7
25 - 64	2,291	2,160	94.3	6	1	16.7	31	24	77.4	71	64	90.1	244	217	88.9	1,937	1,854	95.7
65 +	308	301	97.7	2	2	100.0	4	4	100.0	14	14	100.0	25	25	100.0	263	256	97.3
Unknown	149	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	14	0	0.0
Total	3,471	3,148	90.7	9	4	0.0	45	35	77.8	131	118	90.1	368	330	89.7	2,781	2,661	95.7

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.

Van Buren County (continued)

5-Year Trend - Restraint Use Among Drivers

Restraint Use	2010			2011			2012			2013			2014		
	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	18	0	3	18	0	1	23	0	4	20	1	2	24	0	1
Shoulder belt only used	5	0	0	1	0	0	3	0	1	11	0	1	9	0	1
Lap belt only used	21	0	2	16	0	1	15	0	1	16	0	1	8	0	0
Both lap & shoulder belts used	2,832	3	279	2,632	4	267	2,373	5	273	2,792	8	284	2,981	3	337
No belts used	26	3	13	31	2	14	31	4	17	33	2	14	32	1	9
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	2	0	0	0	0	0
Restraint failure	3	0	0	1	0	0	0	0	0	1	0	0	0	0	0
Restraint use unknown	120	2	11	74	0	14	61	0	13	93	0	10	75	1	12
Helmet worn	35	1	25	39	2	25	27	2	20	24	0	18	21	0	17
Helmet not worn	5	0	4	7	0	5	11	0	9	10	1	8	14	1	10
Helmet use unknown	1	0	0	1	0	1	1	0	0	5	0	2	3	1	1
Uncoded & errors	116	0	0	121	0	0	113	0	0	116	0	0	146	0	0
Total	**3,182**	**9**	**337**	**2,941**	**8**	**328**	**2,658**	**11**	**338**	**3,123**	**12**	**340**	**3,313**	**7**	**388**

5-Year Trend - Restraint Use Among Drivers Coded Drinking
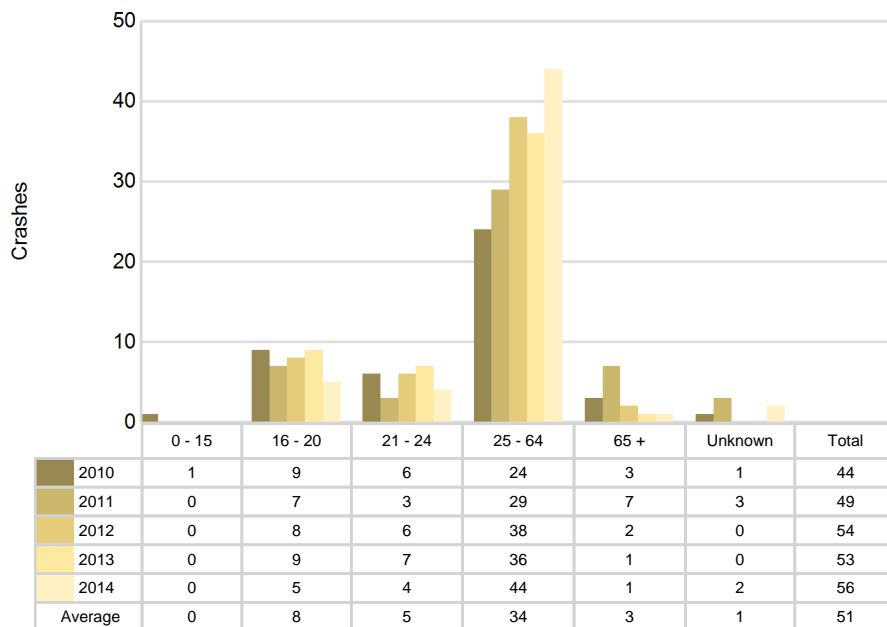
Restraint Use	2010			2011			2012			2013			2014		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0
Shoulder belt only used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lap belt only used	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0
Both lap & shoulder belts used	77	1	23	62	1	16	69	0	26	57	1	10	72	1	15
No belts used	5	1	4	7	1	5	7	1	6	8	1	3	4	1	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	15	2	4	22	0	5	13	0	6	22	0	4	9	1	1
Helmet worn	1	0	1	5	0	3	1	0	1	1	0	0	1	0	1
Helmet not worn	1	0	1	2	0	2	0	0	0	2	0	1	2	1	1
Helmet use unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uncoded & errors	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
Total	**100**	**4**	**34**	**98**	**2**	**31**	**91**	**1**	**39**	**91**	**2**	**19**	**91**	**4**	**20**

Van Buren County (continued)

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

Age Group	2010			2011			2012			2013			2014		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 - 20	9	0	4	7	1	3	8	0	2	9	0	3	5	0	1
21 - 24	6	0	5	3	0	1	6	0	3	7	0	3	4	0	2
25 - 64	24	3	7	29	1	9	38	3	16	36	3	10	44	1	7
65 +	3	0	0	7	0	2	2	1	0	1	0	0	1	0	0
Unknown	1	0	0	3	0	0	0	0	0	0	0	0	2	0	0
Total	**44**	**3**	**16**	**49**	**2**	**15**	**54**	**4**	**21**	**53**	**3**	**16**	**56**	**1**	**10**

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

**5-Year Trend
Driver Seatbelt Not Used**

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2010	1	9	6	24	3	1	44
2011	0	7	3	29	7	3	49
2012	0	8	6	38	2	0	54
2013	0	9	7	36	1	0	53
2014	0	5	4	44	1	2	56
Average	0	8	5	34	3	1	51

Van Buren County (continued)
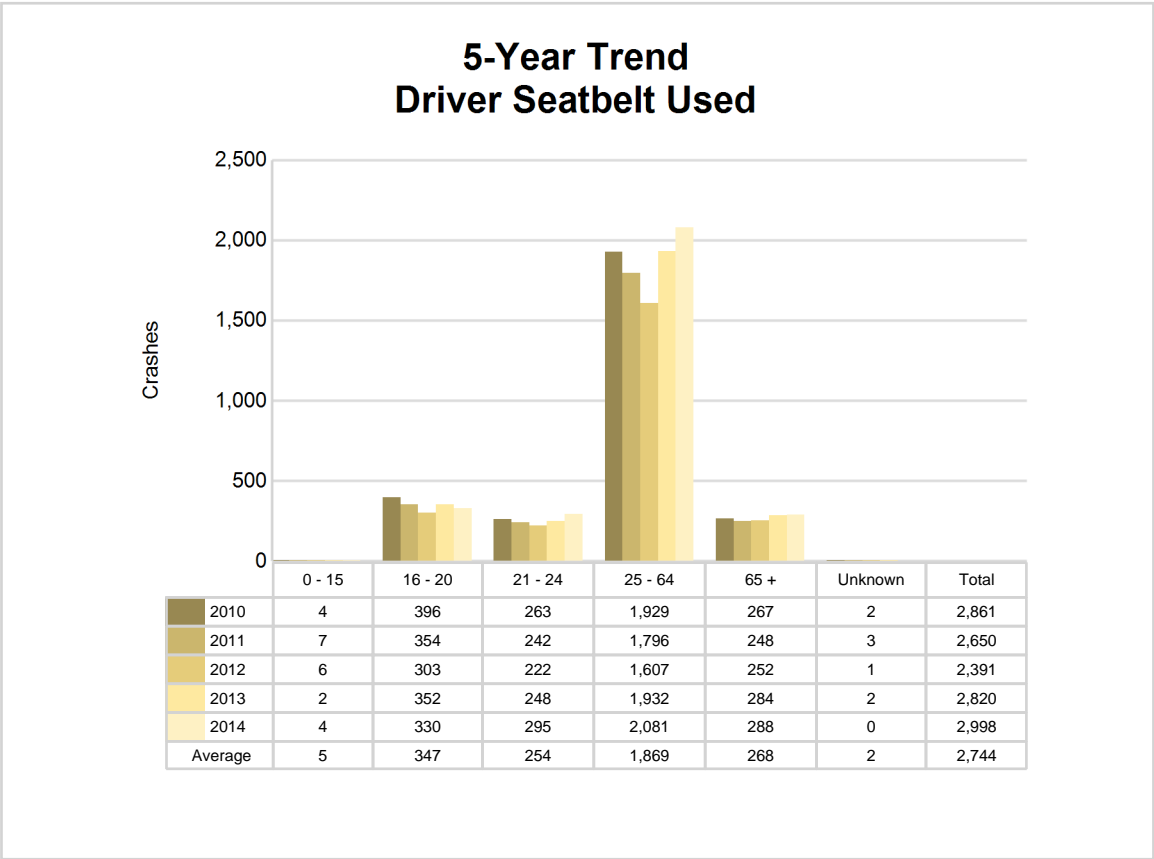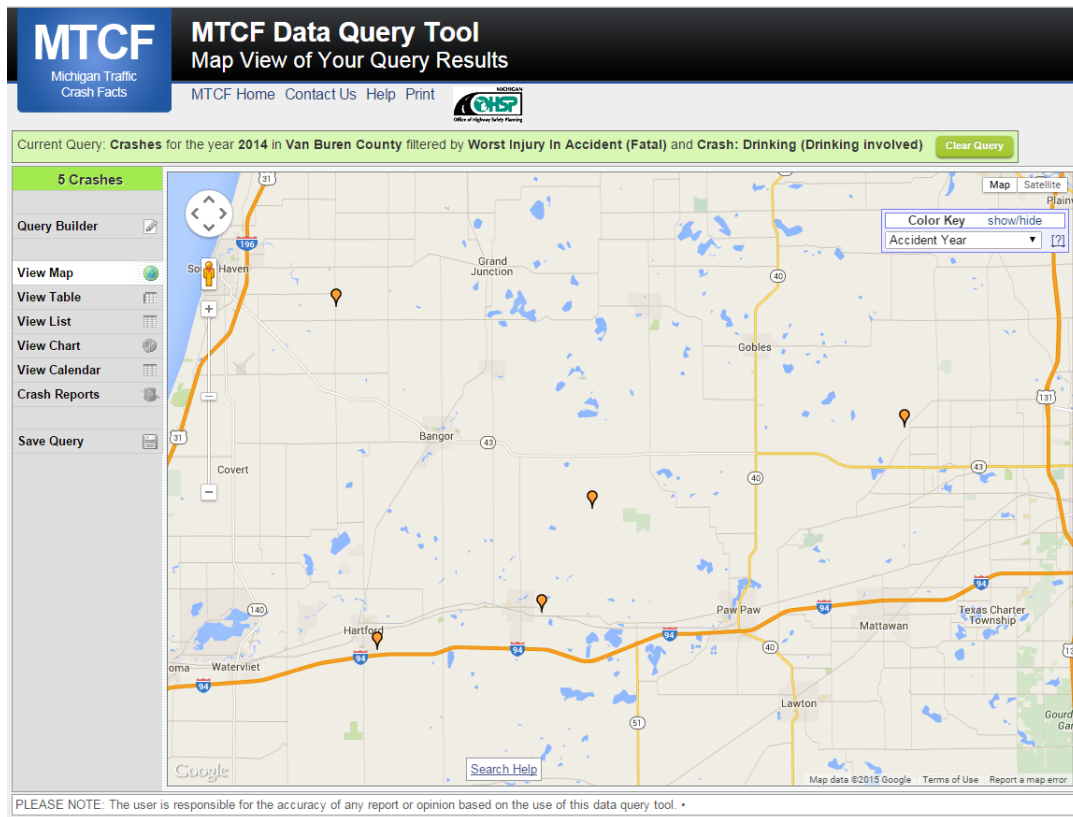
5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2010			2011			2012			2013			2014		
	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	1	7	0	0	6	0	2	2	0	0	4	0	1
16 - 20	396	0	32	354	2	34	303	2	36	352	1	38	330	0	38
21 - 24	263	0	27	242	0	26	222	2	17	248	0	31	295	1	39
25 - 64	1,929	3	186	1,796	0	184	1,607	0	182	1,932	2	184	2,081	1	229
65 +	267	0	35	248	2	24	252	1	38	284	5	33	288	1	31
Unknown	2	0	0	3	0	0	1	0	0	2	0	0	0	0	0
Total	**2,861**	**3**	**281**	**2,650**	**4**	**268**	**2,391**	**5**	**275**	**2,820**	**8**	**286**	**2,998**	**3**	**338**

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**

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2010	4	396	263	1,929	267	2	2,861
2011	7	354	242	1,796	248	3	2,650
2012	6	303	222	1,607	252	1	2,391
2013	2	352	248	1,932	284	2	2,820
2014	4	330	295	2,081	288	0	2,998
Average	5	347	254	1,869	268	2	2,744

The picture above represents all 2014 alcohol-involved fatal crashes in Van Buren County.

In 2014, there were 90 alcohol-involved crashes in Van Buren County:

5	K - Fatal Crashes
4	A - Incapacitating Injury Crashes
9	B - Non-incapacitating Injury Crashes
14	C - Possible Injury Crashes
58	O - Property Damage Only/No Injury Crashes

Office of Highway Safety Planning

333 South Grand Avenue
P.O. Box 30634
Lansing, Michigan 48909
Phone: (517) 241-2500
Fax: (517) 241-2501

Find us on the web:
MichiganTrafficCrashFacts.org