



2017

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

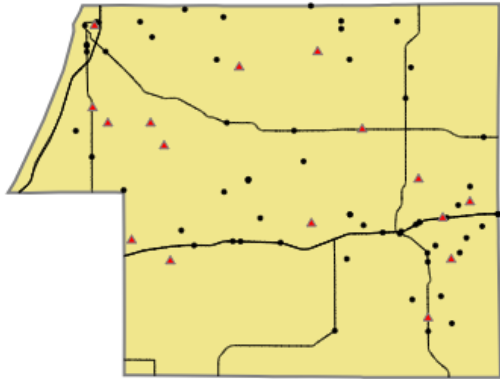
2017 Traffic Crash Data & 2013-2017 5-Year Trends



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.

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Crashes by most severe injury (mapped/actual)

- ▲ K - Fatal (16/16)
- A - Suspected Serious (62/62)

Van Buren County

In 2017:

There were 3,341 drivers involved in 2,402 motor vehicle crashes in Van Buren County. Of those crashes, 16 were classified as fatal, resulting in 17 fatalities. An additional 595 persons were injured.

Van Buren County experienced the highest number of motor vehicle crashes (458) in December, the highest number of fatal crashes (3) in June, October, and December, and the highest number of persons killed (4) in June.

Michigan driver statistics indicate 6.6 percent of licensed drivers in Van Buren County were age 16-20, and 11.2 percent of drivers in crashes were also in that age group.

2017 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	230	0	33	197	0	41
February	139	0	18	121	0	20
March	177	1	29	147	1	42
April	137	0	26	111	0	39
May	166	1	36	129	1	50
June	179	3	40	136	4	71
July	203	1	50	152	1	67
August	132	2	38	92	2	49
September	146	1	33	112	1	46
October	214	3	32	179	3	44
November	221	1	26	194	1	36
December	458	3	58	397	3	90
Total	2,402	16	419	1,967	17	595

2017 - Driver Statistics

Age Group	Van Buren County			Driver Rates	
	2017 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	15,600	385	10	6.4	259.7
16 - 20	4,735	3,677	373	787.8	1,014.4
21 - 24	3,377	3,170	305	903.2	962.1
25 - 64	38,407	36,002	2,134	555.6	592.7
65 +	13,234	12,196	366	276.6	300.1
Unknown	0	0	153	--	--
Total	75,353	55,430	3,341	443.4	602.7

2017 - 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	2,557	76.5	17	70.8	532	2,008
Motor home	4	0.1	0	0.0	0	4
Pickup truck	478	14.3	1	4.2	75	402
Small truck under 10,000 lbs. GVWR	26	0.8	0	0.0	2	24
Motorcycle	26	0.8	1	4.2	20	5
Moped / goped	3	0.1	0	0.0	3	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	3	0.1	2	8.3	1	0
Other	15	0.4	0	0.0	3	12
Truck/bus over 10,000 lbs.	172	5.1	2	8.3	34	136
Unknown	57	1.7	1	4.2	8	48
Total	3,341	100.0	24	100.0	678	2,639

5-Year Trend - Crashes by Month

Month	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	303	2	370	0	323	2	269	1	230	0
February	230	2	221	0	300	1	294	1	139	0
March	166	1	180	1	127	0	145	0	177	1
April	109	0	114	3	116	1	121	2	137	0
May	131	0	132	2	144	1	171	0	166	1
June	149	0	133	0	161	0	187	2	179	3
July	151	2	180	0	199	2	181	0	203	1
August	144	3	146	1	157	2	136	0	132	2
September	128	2	139	1	141	3	156	2	146	1
October	183	3	196	0	230	1	195	1	214	3
November	323	1	332	0	257	1	243	1	221	1
December	290	0	152	0	220	1	301	2	458	3
Total	2,307	16	2,295	8	2,375	15	2,399	12	2,402	16

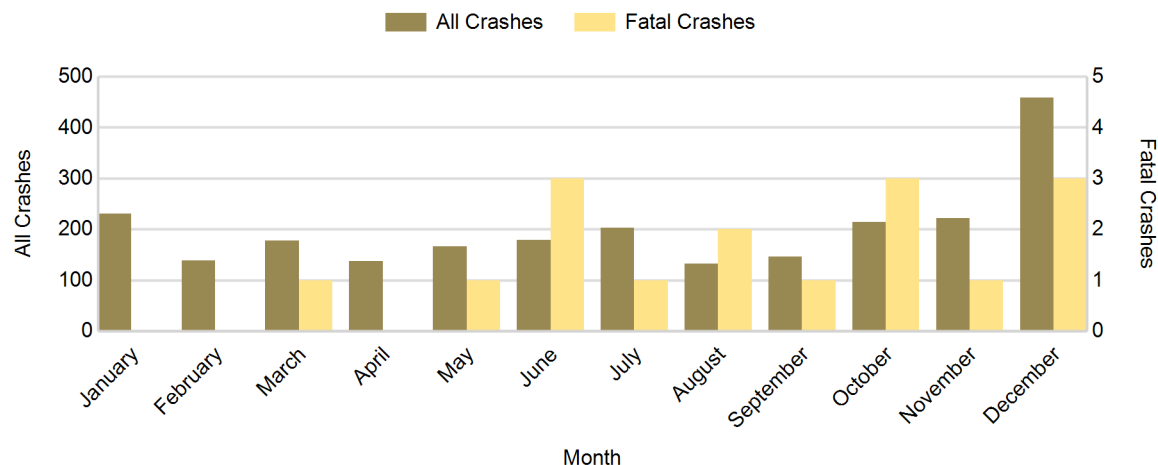
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	313	1	293	0	312	3	341	0	335	1
Tuesday	376	2	301	0	291	0	329	0	316	0
Wednesday	369	1	312	3	363	0	311	3	307	1
Thursday	368	3	406	1	365	3	360	2	358	4
Friday	283	6	416	0	345	1	371	1	379	5
Saturday	338	1	304	3	407	6	335	2	358	2
Sunday	260	2	263	1	292	2	352	4	349	3
Total	2,307	16	2,295	8	2,375	15	2,399	12	2,402	16

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

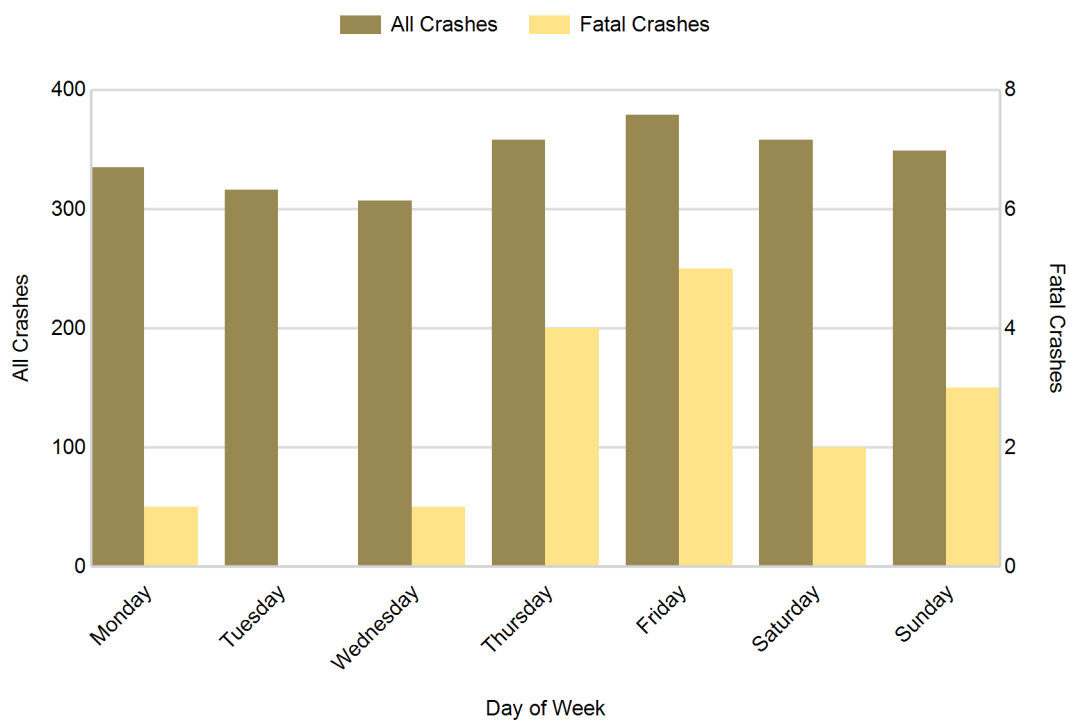
2017 Crashes by Month



2017 - 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	335	13.9	1	6.3	6	15	32	281
Tuesday	316	13.2	0	0.0	6	17	34	259
Wednesday	307	12.8	1	6.3	6	19	21	260
Thursday	358	14.9	4	25.0	10	11	37	296
Friday	379	15.8	5	31.3	14	26	30	304
Saturday	358	14.9	2	12.5	7	22	34	293
Sunday	349	14.5	3	18.8	13	26	33	274
Total	2,402	100.0	16	100.0	62	136	221	1,967

2017 Day of Week and Severity

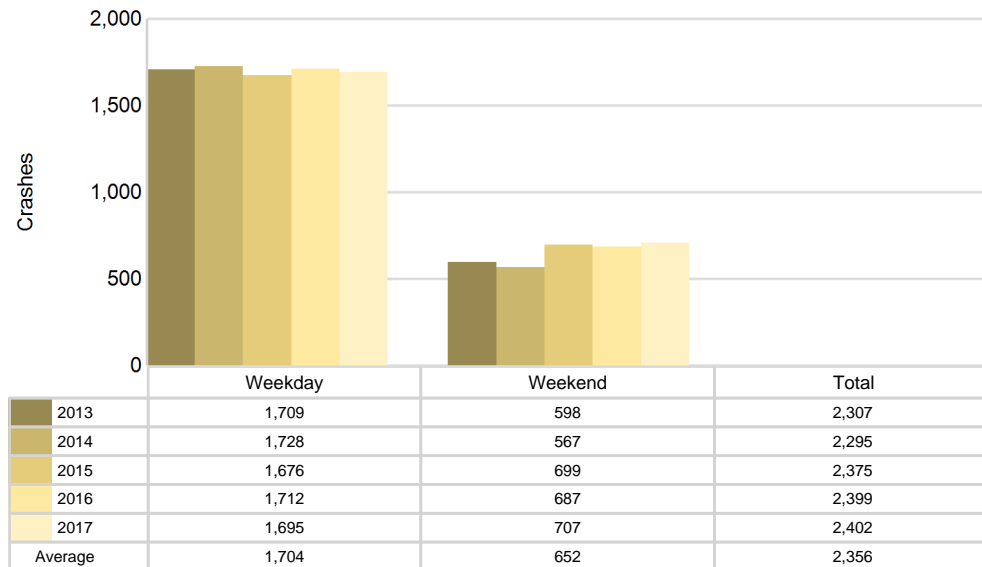


Van Buren County (continued)

5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	1,709	13	1,728	4	1,676	7	1,712	6	1,695	11
Weekend	598	3	567	4	699	8	687	6	707	5
Total	2,307	16	2,295	8	2,375	15	2,399	12	2,402	16

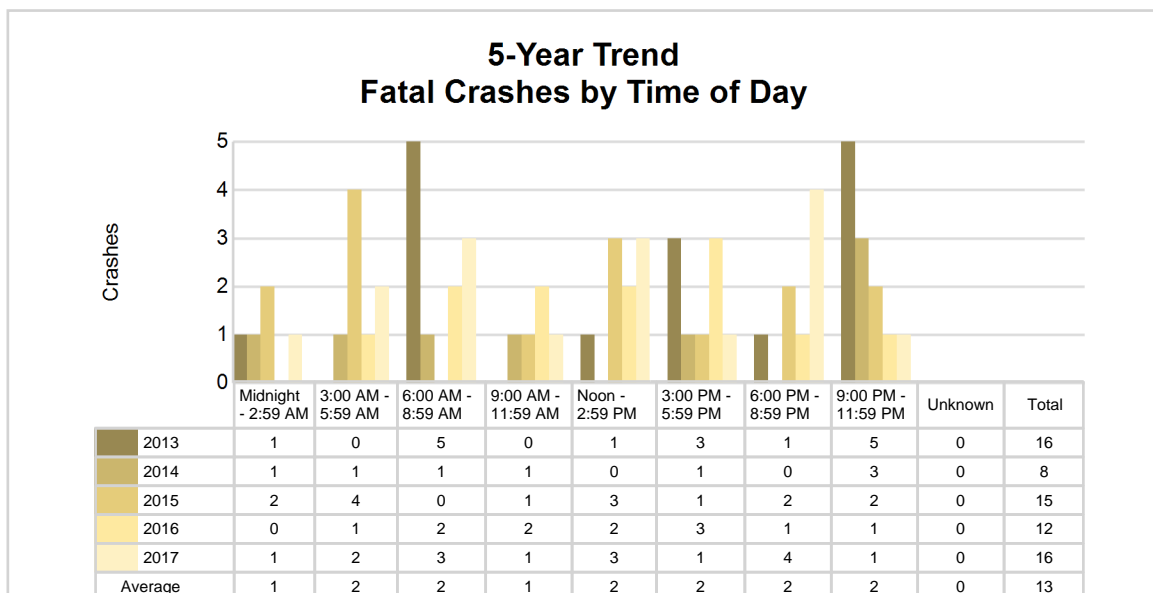
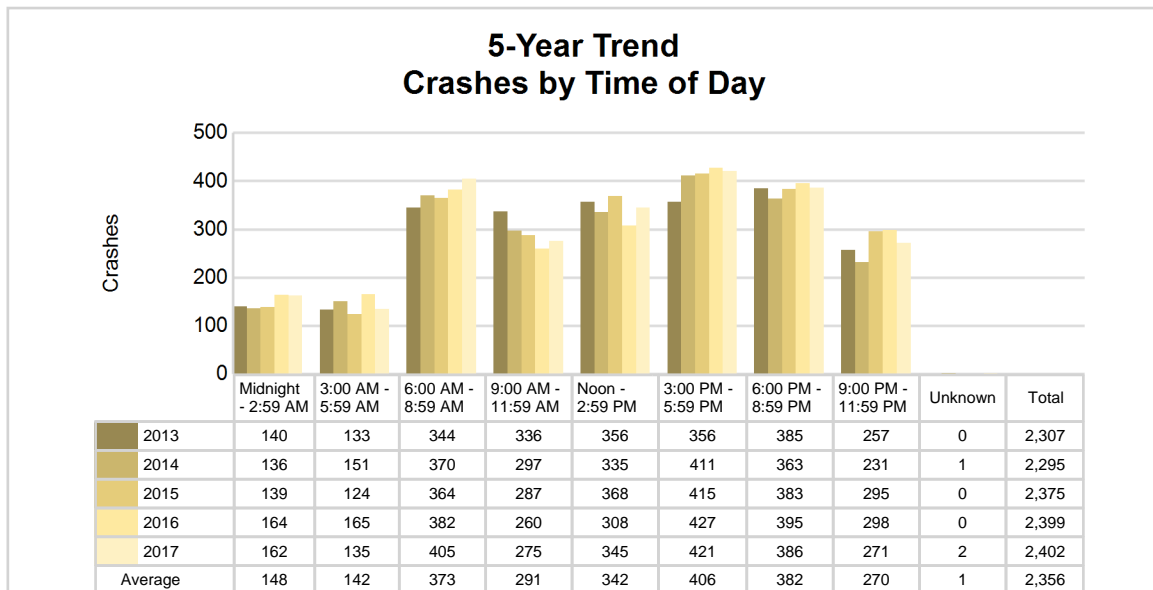
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

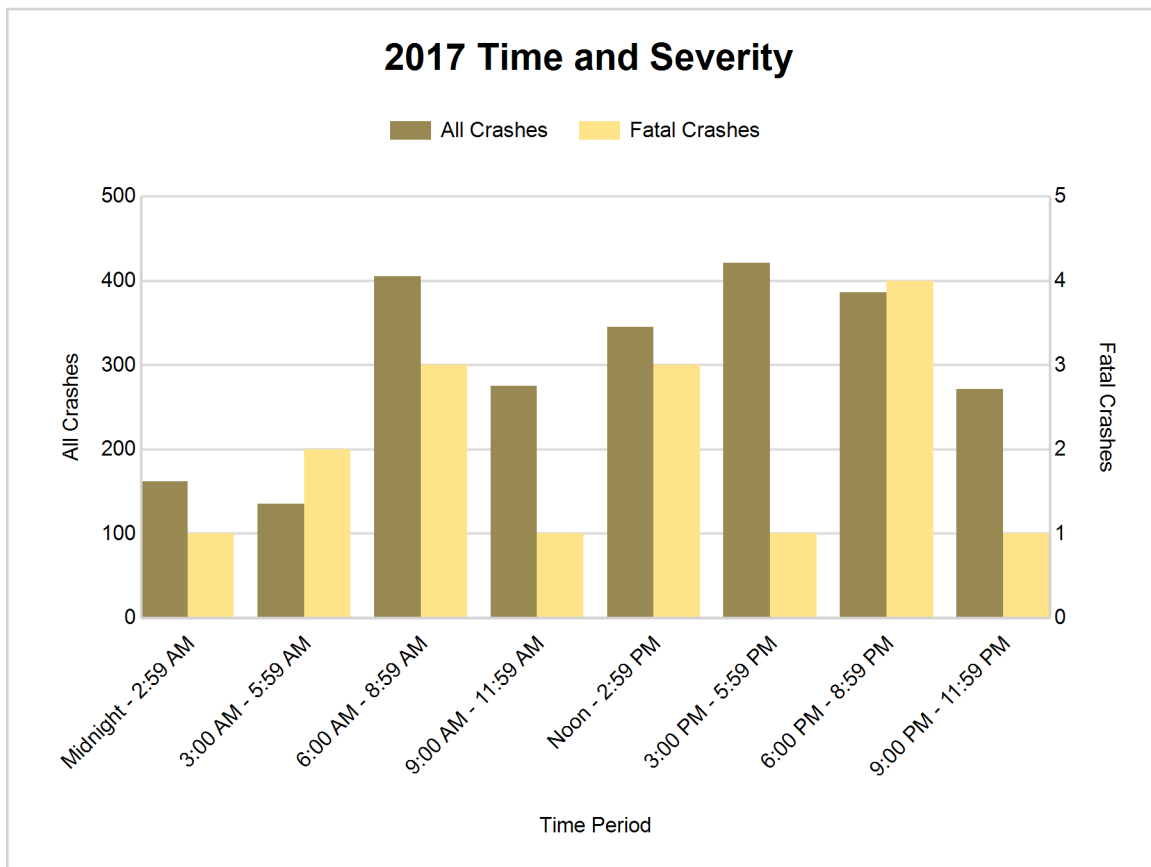
Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	140	1	136	1	139	2	164	0	162	1
3:00 AM - 5:59 AM	133	0	151	1	124	4	165	1	135	2
6:00 AM - 8:59 AM	344	5	370	1	364	0	382	2	405	3
9:00 AM - 11:59 AM	336	0	297	1	287	1	260	2	275	1
Noon - 2:59 PM	356	1	335	0	368	3	308	2	345	3
3:00 PM - 5:59 PM	356	3	411	1	415	1	427	3	421	1
6:00 PM - 8:59 PM	385	1	363	0	383	2	395	1	386	4
9:00 PM - 11:59 PM	257	5	231	3	295	2	298	1	271	1
Unknown	0	0	1	0	0	0	0	0	2	0
Total	2,307	16	2,295	8	2,375	15	2,399	12	2,402	16

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



2017 - Time and Severity

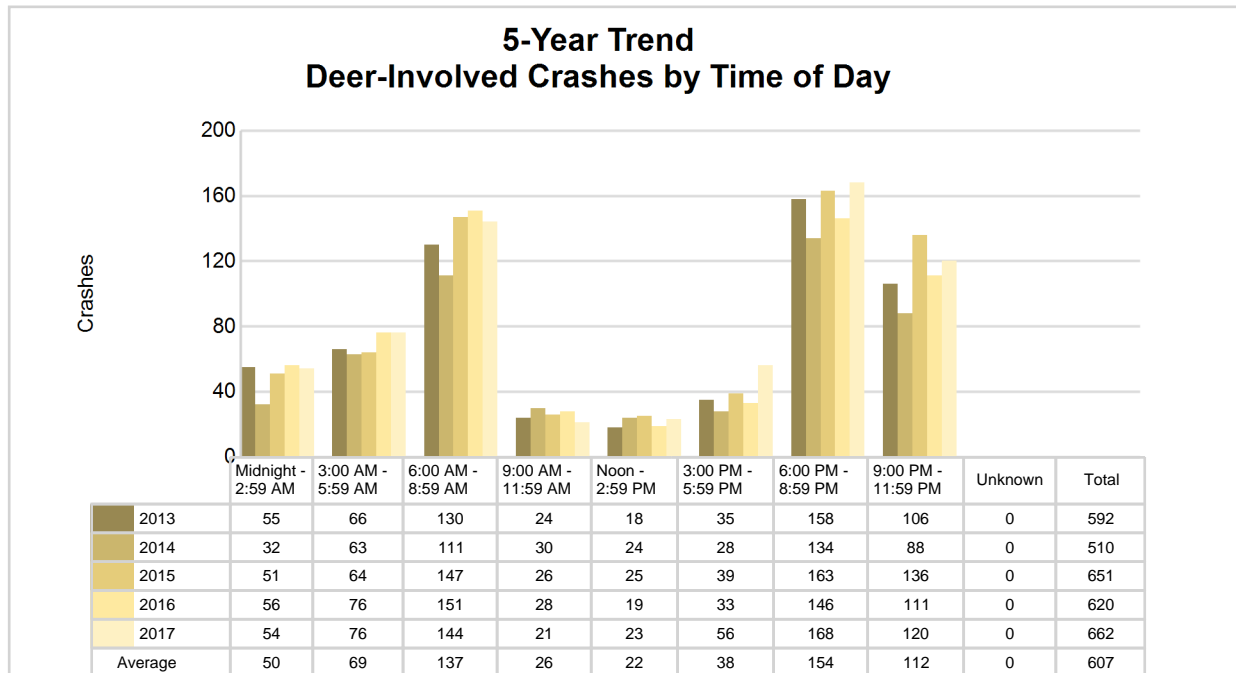
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	162	6.7	1	6.3	4	9	9	139
3:00 AM - 5:59 AM	135	5.6	2	12.5	1	7	7	118
6:00 AM - 8:59 AM	405	16.9	3	18.8	4	15	34	349
9:00 AM - 11:59 AM	275	11.4	1	6.3	7	16	33	218
Noon - 2:59 PM	345	14.4	3	18.8	12	20	44	266
3:00 PM - 5:59 PM	421	17.5	1	6.3	19	34	50	317
6:00 PM - 8:59 PM	386	16.1	4	25.0	8	16	28	330
9:00 PM - 11:59 PM	271	11.3	1	6.3	7	19	16	228
Unknown	2	0.1	0	0.0	0	0	0	2
Total	2,402	100.0	16	100.0	62	136	221	1,967



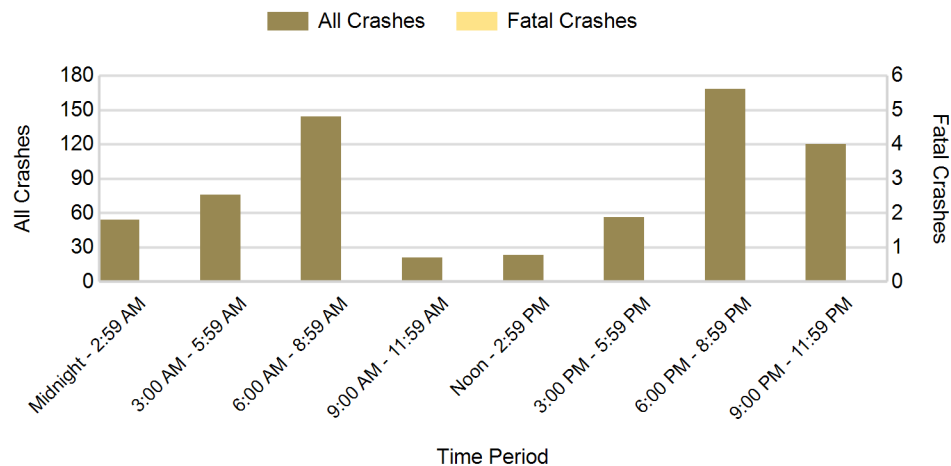
5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	55	0	32	0	51	0	56	0	54	0
3:00 AM - 5:59 AM	66	0	63	0	64	0	76	0	76	0
6:00 AM - 8:59 AM	130	0	111	0	147	0	151	0	144	0
9:00 AM - 11:59 AM	24	0	30	0	26	0	28	0	21	0
Noon - 2:59 PM	18	0	24	0	25	0	19	0	23	0
3:00 PM - 5:59 PM	35	0	28	0	39	0	33	0	56	0
6:00 PM - 8:59 PM	158	0	134	0	163	0	146	0	168	0
9:00 PM - 11:59 PM	106	0	88	0	136	0	111	0	120	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	592	0	510	0	651	0	620	0	662	0

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



2017 Time and Severity of Deer-Involved Crashes



There were no fatal deer-involved crashes in Van Buren County in 2017

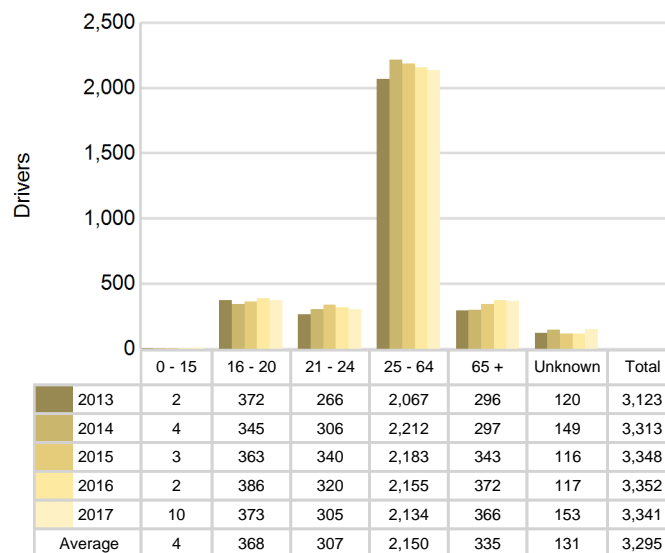
2017 - Reported Motor Vehicle Crashes by Municipality

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.	104	1	18	85	0	0	48	55	4	3	44	1	24
Antwerp Twp.	230	3	40	187	84	0	24	122	9	6	58	4	78
Arlington Twp.	64	0	12	52	0	0	31	33	2	2	34	0	16
Bangor	26	0	3	23	0	0	14	12	0	0	3	0	4
Bangor Twp.	80	2	12	66	0	0	11	69	5	2	30	2	13
Bloomingtondale	9	0	1	8	0	0	0	9	1	0	3	0	1
Bloomingtondale Twp.	55	1	13	41	0	0	0	54	7	0	26	1	20
Breedsville	2	0	0	2	0	0	0	2	0	0	1	0	0
Columbia Twp.	44	1	11	32	0	0	0	44	1	0	15	1	15
Covert Twp.	101	2	15	84	44	0	20	37	2	1	38	2	17
Decatur	25	0	6	19	0	0	12	13	0	1	1	0	6
Decatur Twp.	52	0	15	37	0	0	15	37	11	3	18	0	16
Geneva Twp.	112	0	23	89	0	0	18	94	8	2	36	0	34
Gobles	9	0	4	5	0	0	6	3	1	0	3	0	4
Hamilton Twp.	49	0	9	40	0	0	17	32	5	2	13	0	10
Hartford	20	0	1	19	13	0	0	7	1	0	3	0	1
Hartford Twp.	160	2	26	132	94	0	0	66	8	4	22	2	42
Keeler Twp.	48	0	11	37	0	0	16	32	6	1	14	0	14
Lawrence	19	0	3	16	0	0	0	19	1	1	6	0	5
Lawrence Twp.	145	1	31	113	78	0	0	67	5	3	37	1	41
Lawton	21	0	2	19	0	0	14	7	1	0	5	0	2
Mattawan	107	0	16	91	61	0	0	46	3	1	5	0	19
Paw Paw	154	0	35	119	63	0	51	38	6	2	12	0	54
Paw Paw Twp.	197	0	32	165	102	0	19	76	6	3	50	0	41
Pine Grove Twp.	86	0	9	77	0	0	29	57	3	0	49	0	13
Porter Twp.	70	1	14	55	0	0	29	40	2	1	26	1	18
South Haven	157	1	16	140	86	0	13	58	6	3	10	1	26
South Haven Twp.	130	0	24	106	44	0	42	44	4	2	42	0	33
Waverly Twp.	126	1	17	108	0	0	80	46	4	2	58	1	28
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2,402	16	419	1,967	669	0	509	1,219	112	45	662	17	595

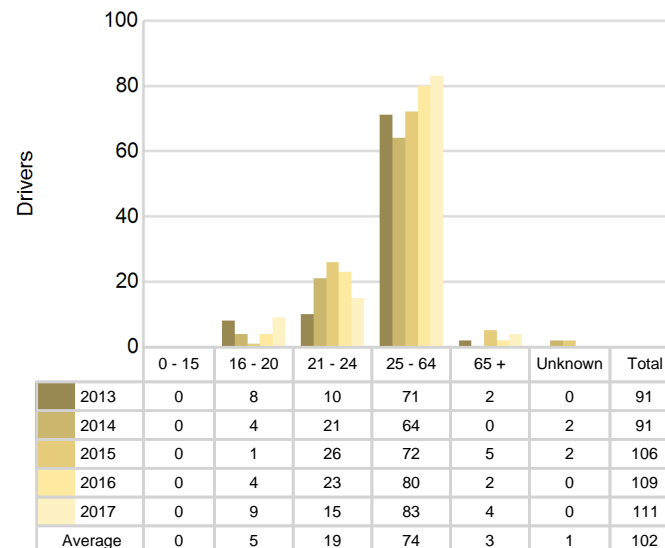
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2013		2014		2015		2016		2017	
	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	2	0	4	0	3	0	2	0	10	0
16 - 20	372	8	345	4	363	1	386	4	373	9
21 - 24	266	10	306	21	340	26	320	23	305	15
25 - 64	2,067	71	2,212	64	2,183	72	2,155	80	2,134	83
65 +	296	2	297	0	343	5	372	2	366	4
Unknown	120	0	149	2	116	2	117	0	153	0
Total	3,123	91	3,313	91	3,348	106	3,352	109	3,341	111

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



2017 - 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	0	0	0	0	0	0	0	0
16 - 20	11	15	7	9	0	1	5	0	3
21 - 24	15	16	13	15	0	2	4	3	6
25 - 64	96	85	64	83	1	7	18	27	30
65 +	11	6	2	4	1	0	0	1	2
Unknown	1	0	0	0	0	0	0	0	0
Total	135	122	86	111	2	10	27	31	41

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 2017, there were 135 drivers in alcohol-involved crashes; 111 (82.2%) of those drivers were coded as had-been-drinking by the officer on the crash form.

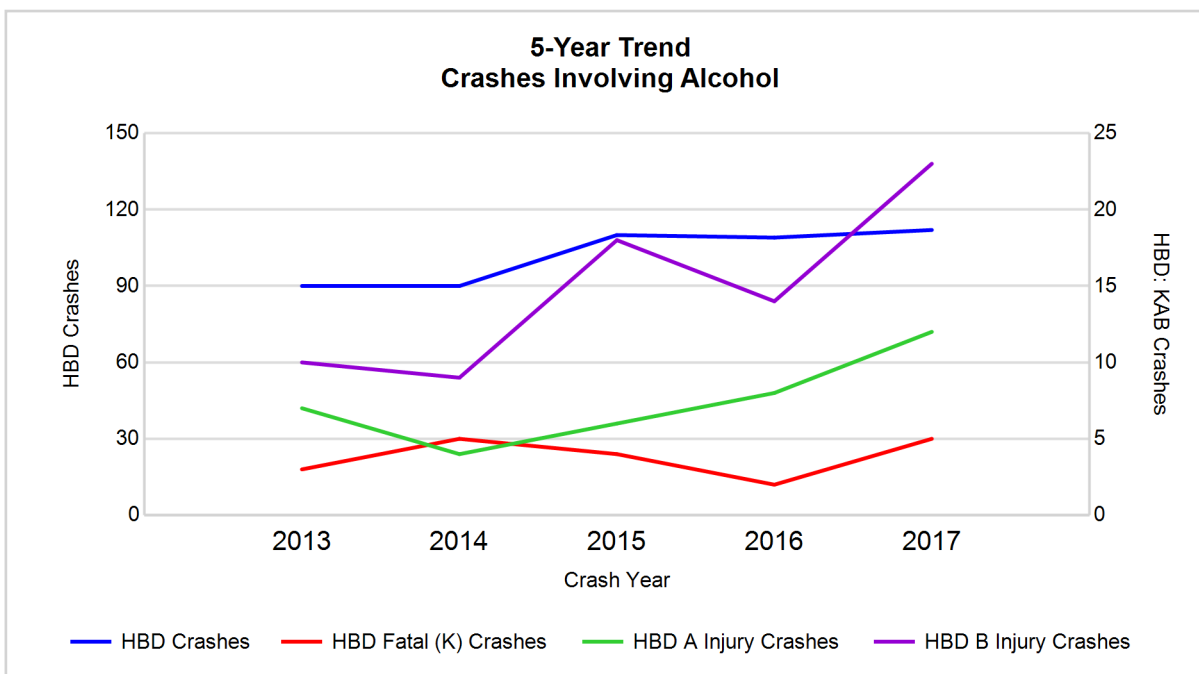
- 58 (52.3%) of the 111 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 31 (53.4%) of the 58 drivers had a BAC at or above 0.17 g/dL.
- 86 (77.5%) of the 111 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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
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
2017	2,402**	112**	4.7**	16	5	31.3	62**	12**	19.4**	136**	23**	16.9**

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



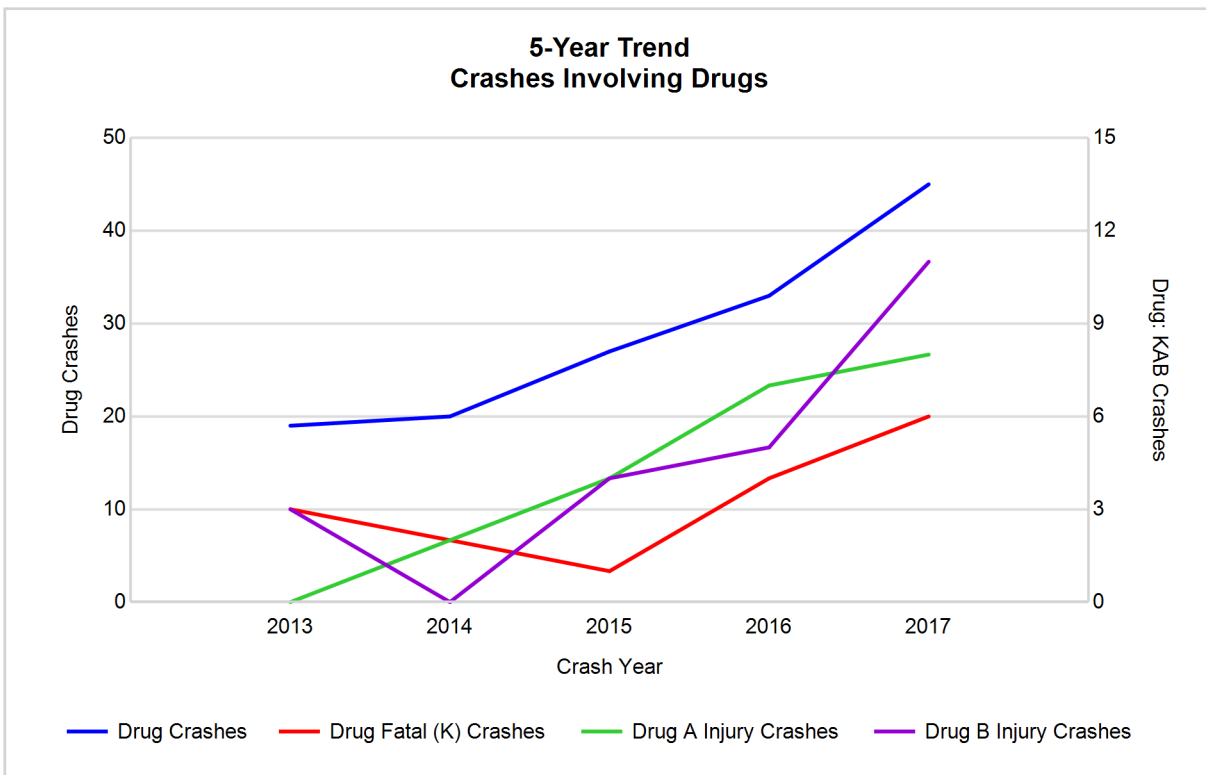
Note: Had-Been-Drinking (HBD)

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
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
2017	2,402**	45**	1.9**	16	6**	37.5**	62**	8**	12.9**	136**	11**	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

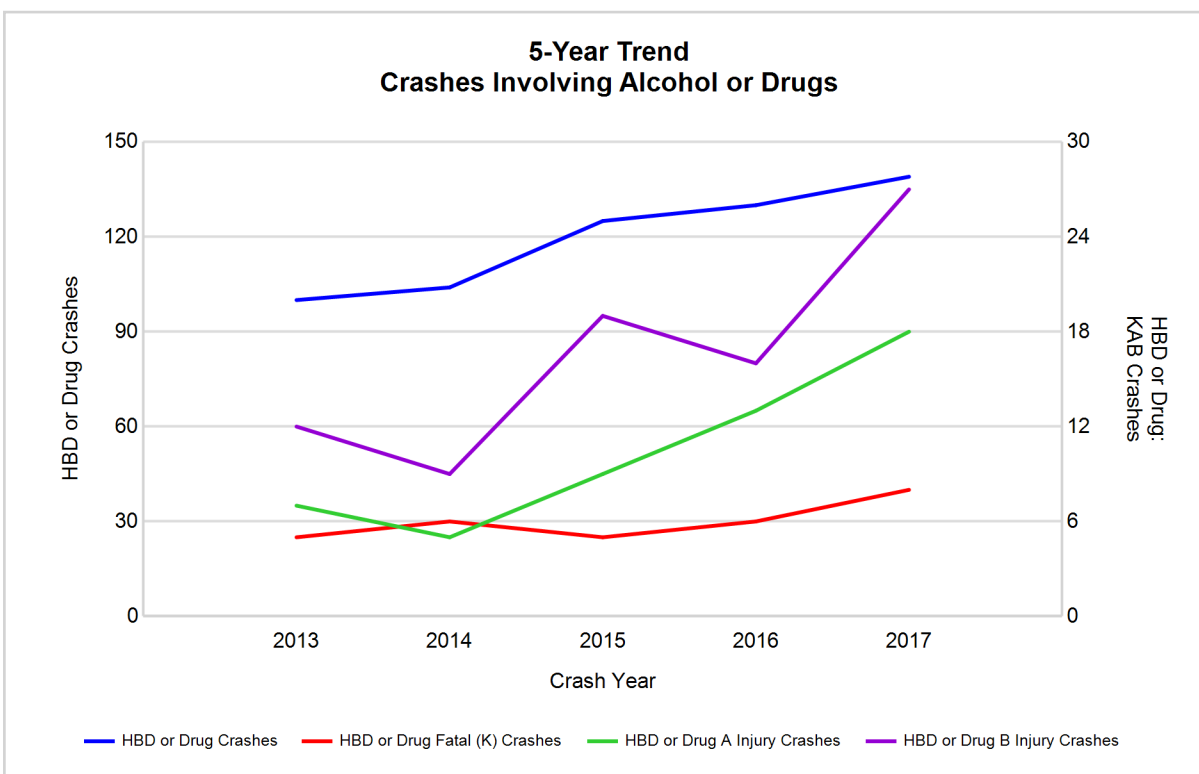


5-Year Trend - Crashes Involving Alcohol or Drugs

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
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
2017	2,402**	139**	5.8**	16	8**	50.0	62**	18**	29.0**	136**	27**	19.9**

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)

2017 - 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	2,718	2,527	93.0	11	8	72.7	63	51	81.0	144	132	91.7	287	270	94.1	2,136	2,066	96.7
Motor home	4	3	75.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	4	3	75.0
Pickup truck	491	441	89.8	0	0	0.0	4	3	75.0	19	16	84.2	32	28	87.5	413	394	95.4
Small truck under 10,000 lbs. GVWR	26	23	88.5	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0	24	22	91.7
Motorcycle	28	16	57.1	1	0	0.0	5	3	60.0	14	7	50.0	3	2	66.7	5	4	80.0
Moped / goped	3	1	33.3	0	0	0.0	3	1	33.3	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	3	0	0.0	2	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0
Other	15	9	60.0	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	13	9	69.2
Truck/bus over 10,000 lbs.	172	166	96.5	0	0	0.0	1	1	100.0	0	0	0.0	5	5	100.0	163	160	98.2
Unknown	57	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	3,517	3,186	90.6	14	8	0.0	77	60	77.9	179	155	86.6	327	305	93.3	2,758	2,658	96.4

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.

2017 - 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	58	50	86.2	0	0	0.0	8	6	75.0	12	10	83.3	30	27	90.0	8	7	87.5
16 - 20	408	387	94.9	1	0	0.0	8	6	75.0	25	23	92.0	54	49	90.7	319	309	96.9
21 - 24	314	295	93.9	1	0	0.0	5	5	100.0	21	15	71.4	22	20	90.9	263	255	97.0
25 - 64	2,196	2,087	95.0	9	6	66.7	48	37	77.1	93	80	86.0	174	165	94.8	1,866	1,799	96.4
65 +	388	367	94.6	3	2	66.7	8	6	75.0	28	27	96.4	47	44	93.6	302	288	95.4
Unknown	153	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	3,517	3,186	90.6	14	8	0.0	77	60	77.9	179	155	86.6	327	305	93.3	2,758	2,658	96.4

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	2013			2014			2015			2016			2017		
	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	20	1	2	24	0	1	17	0	1	17	0	2	8	0	3
Shoulder belt only used	11	0	1	9	0	1	2	0	0	13	0	3	51	0	10
Lap belt only used	16	0	1	8	0	0	16	0	2	9	0	2	10	0	1
Both lap & shoulder belts used	2,792	8	284	2,981	3	337	3,052	6	336	3,014	6	354	2,953	5	345
No belts used	33	2	14	32	1	9	34	5	12	28	2	11	25	0	12
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	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	1	0	0	0	0	0	2	0	1	2	0	0	3	0	2
Restraint use unknown	93	0	10	75	1	12	72	2	9	193	3	10	258	1	15
Helmet worn	24	0	18	21	0	17	20	1	16	14	1	7	15	0	11
Helmet not worn	10	1	8	14	1	10	23	0	17	23	0	19	14	3	10
Helmet use unknown	5	0	2	3	1	1	2	0	2	5	0	3	2	0	2
Uncoded & errors	116	0	0	146	0	0	108	0	1	34	0	0	2	0	1
Total	3,123	12	340	3,313	7	388	3,348	14	397	3,352	12	411	3,341	9	412

5-Year Trend - Restraint Use Among Drivers Coded Drinking

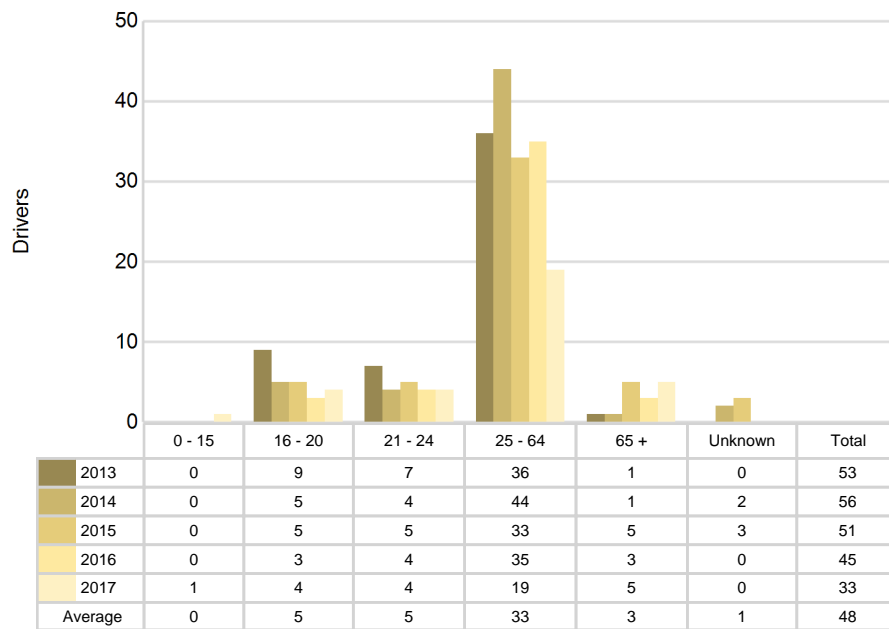
Restraint Use	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	1	0	1	1	0	0	0	0	0	2	0	1	0	0	0
Shoulder belt only used	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1
Lap belt only used	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Both lap & shoulder belts used	57	1	10	72	1	15	83	2	22	82	0	25	71	1	25
No belts used	8	1	3	4	1	2	9	1	6	3	0	2	6	0	4
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	22	0	4	9	1	1	11	0	4	18	2	3	28	1	5
Helmet worn	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Helmet not worn	2	0	1	2	1	1	2	0	2	2	0	2	4	1	3
Helmet use unknown	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Uncoded & errors	0	0	0	2	0	0	1	0	1	0	0	0	0	0	0
Total	91	2	19	91	4	20	106	3	35	109	2	35	111	3	38

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

Age Group	2013			2014			2015			2016			2017		
	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	1	0	0
16 - 20	9	0	3	5	0	1	5	1	0	3	1	1	4	0	2
21 - 24	7	0	3	4	0	2	5	1	3	4	0	1	4	0	3
25 - 64	36	3	10	44	1	7	33	1	7	35	1	9	19	0	8
65 +	1	0	0	1	0	0	5	2	2	3	0	2	5	0	2
Unknown	0	0	0	2	0	0	3	0	1	0	0	0	0	0	0
Total	53	3	16	56	1	10	51	5	13	45	2	13	33	0	15

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

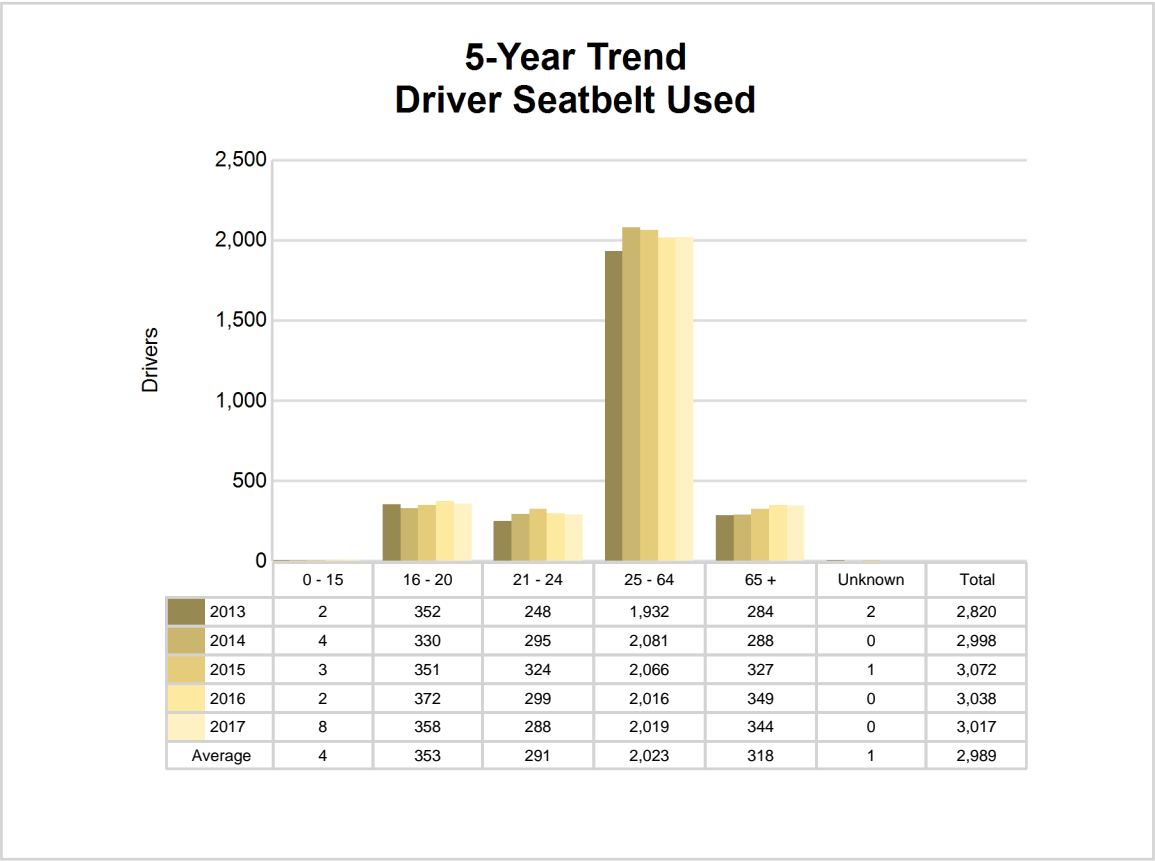
5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

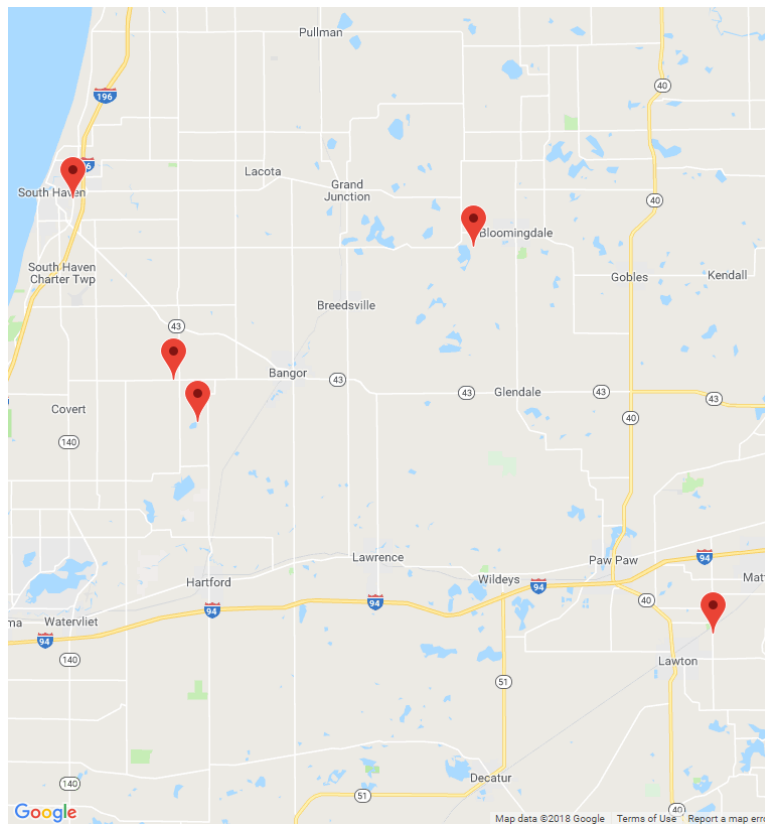
Age Group	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	2	0	0	4	0	1	3	0	1	2	0	0	8	0	1
16 - 20	352	1	38	330	0	38	351	1	48	372	1	48	358	0	50
21 - 24	248	0	31	295	1	39	324	1	40	299	1	41	288	0	34
25 - 64	1,932	2	184	2,081	1	229	2,066	2	207	2,016	4	226	2,019	4	217
65 +	284	5	33	288	1	31	327	2	43	349	0	44	344	1	56
Unknown	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Total	2,820	8	286	2,998	3	338	3,072	6	339	3,038	6	359	3,017	5	358

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	2013		2014		2015		2016		2017	
	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	1,571	11	1,690	3	1,760	12	1,724	9	1,715	10
Speed too fast	658	3	579	3	501	4	544	5	517	2
Speed too slow	3	0	4	0	4	1	2	0	7	0
Failed to yield	205	1	250	0	256	1	222	1	232	2
Disregard traffic control	25	2	32	0	48	0	37	0	31	2
Drove wrong way	3	0	6	0	3	0	3	1	4	0
Drove left of center	19	2	28	1	31	0	35	2	19	1
Improper passing	21	0	13	0	16	0	21	0	19	0
Improper lane use	37	0	43	0	50	0	39	0	45	0
Improper turn	18	0	22	0	16	0	24	0	24	0
Improper/no signal	9	0	6	0	10	0	3	0	3	0
Improper backing	45	0	54	0	37	0	48	0	30	0
Unable to stop in assured clear distance	216	0	285	0	264	0	271	2	252	0
Other	91	0	93	2	123	0	115	0	138	0
Unknown	67	3	57	0	53	3	116	2	141	2
Reckless driving	22	3	21	1	25	0	16	0	25	1
Careless/negligent driving	113	0	130	1	150	5	132	1	139	4
Uncoded & errors	0	0	0	0	1	1	0	0	0	0
Total	3,123	25	3,313	11	3,348	27	3,352	23	3,341	24



The picture above represents all 2017 alcohol-involved fatal crashes in Van Buren County.

In 2017, there were 112 alcohol-involved crashes in Van Buren County:

- 5 K - Fatal Crashes
- 12 A - Suspected Serious Injury Crashes
- 23 B - Suspected Minor Injury Crashes
- 8 C - Possible Injury Crashes
- 64 O - Property Damage Only/No Injury Crashes

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