



2018

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

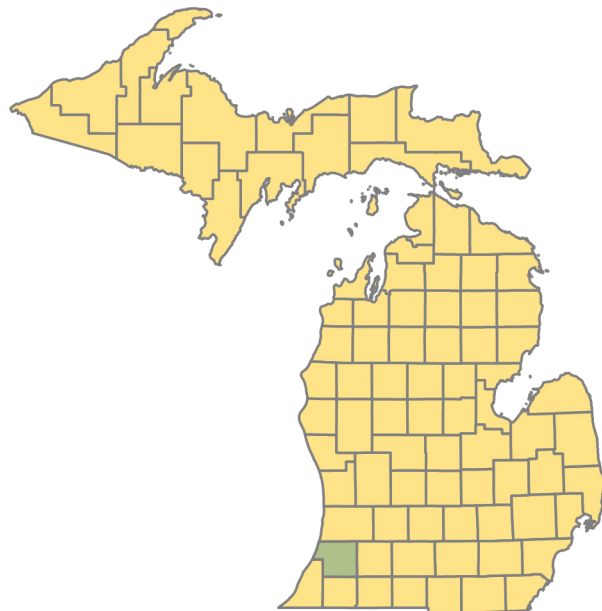
O = No Injury

Property Damage Only (PDO)



Van Buren County

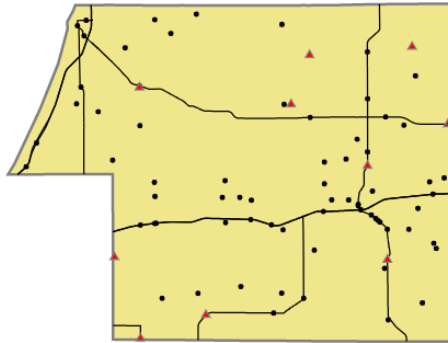
2018 Traffic Crash Data & 2014-2018 5-Year Trends



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 (10/10)
- A - Suspected Serious (70/70)

Van Buren County

In 2018:

There were 2,992 drivers involved in 2,211 motor vehicle crashes in Van Buren County. Of those crashes, 10 were classified as fatal, resulting in 12 fatalities. An additional 484 persons were injured.

Van Buren County experienced the highest number of motor vehicle crashes (304) in January, the highest number of fatal crashes (3) in March and May, and the highest number of persons killed (5) in May.

Michigan driver statistics indicate 6.5 percent of licensed drivers in Van Buren County were age 16-20, and 10.5 percent of drivers in crashes were also in that age group.

2018 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	304	0	32	272	0	34
February	192	0	23	169	0	29
March	159	3	27	129	3	38
April	137	0	18	119	0	26
May	162	3	39	120	5	50
June	153	1	31	121	1	49
July	158	1	31	126	1	38
August	123	0	34	89	0	51
September	136	1	27	108	1	39
October	225	0	40	185	0	55
November	268	0	33	235	0	40
December	194	1	29	164	1	35
Total	2,211	10	364	1,837	12	484

2018 - Driver Statistics

Age Group	Van Buren County			Driver Rates	
	2018 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	15,394	419	7	4.5	167.1
16 - 20	4,638	3,638	315	679.2	865.9
21 - 24	3,393	3,139	274	807.5	872.9
25 - 64	38,356	35,783	1,953	509.2	545.8
65 +	13,667	12,603	344	251.7	273.0
Unknown	0	0	99	- -	- -
Total	75,448	55,582	2,992	396.6	538.3

2018 - 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	2,274	76.0	10	83.3	411	1,853
Motor home	3	0.1	0	0.0	1	2
Pickup truck	435	14.5	1	8.3	92	342
Small truck under 10,000 lbs. GVWR	22	0.7	0	0.0	6	16
Motorcycle	30	1.0	1	8.3	23	6
Moped / goped	3	0.1	0	0.0	3	0
Go-cart / golf cart	0	0.0	0	0.0	0	0
Snowmobile	1	0.0	0	0.0	0	1
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	3	0.1	0	0.0	3	0
Other	14	0.5	0	0.0	1	13
Truck/bus over 10,000 lbs.	164	5.5	0	0.0	31	133
Unknown	43	1.4	0	0.0	5	38
Total	2,992	100.0	12	100.0	576	2,404

Van Buren County (continued)

5-Year Trend - Crashes by Month

Month	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	370	0	323	2	269	1	230	0	304	0
February	221	0	300	1	294	1	139	0	192	0
March	180	1	127	0	145	0	177	1	159	3
April	114	3	116	1	121	2	137	0	137	0
May	132	2	144	1	171	0	166	1	162	3
June	133	0	161	0	187	2	179	3	153	1
July	180	0	199	2	181	0	203	1	158	1
August	146	1	157	2	136	0	132	2	123	0
September	139	1	141	3	156	2	146	1	136	1
October	196	0	230	1	195	1	214	3	225	0
November	332	0	257	1	243	1	221	1	268	0
December	152	0	220	1	301	2	458	3	194	1
Total	2,295	8	2,375	15	2,399	12	2,402	16	2,211	10

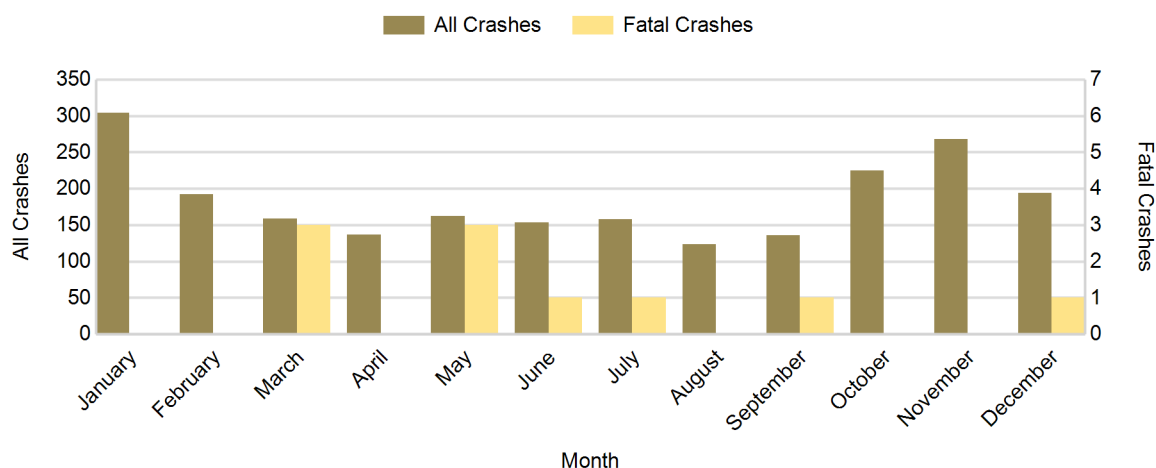
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	293	0	312	3	341	0	335	1	349	1
Tuesday	301	0	291	0	329	0	316	0	274	0
Wednesday	312	3	363	0	311	3	307	1	352	2
Thursday	406	1	365	3	360	2	358	4	319	0
Friday	416	0	345	1	371	1	379	5	371	3
Saturday	304	3	407	6	335	2	358	2	289	1
Sunday	263	1	292	2	352	4	349	3	257	3
Total	2,295	8	2,375	15	2,399	12	2,402	16	2,211	10

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

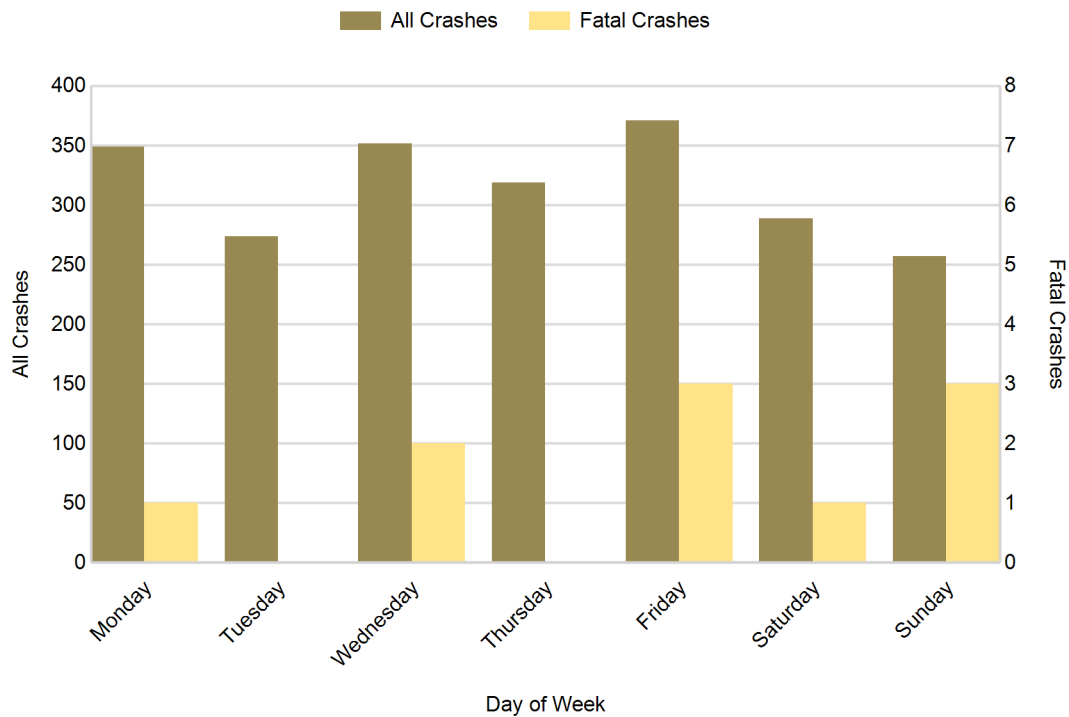
2018 Crashes by Month



2018 - 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	349	15.8	1	10.0	13	20	15	300
Tuesday	274	12.4	0	0.0	10	14	24	226
Wednesday	352	15.9	2	20.0	12	16	30	292
Thursday	319	14.4	0	0.0	9	18	30	262
Friday	371	16.8	3	30.0	11	15	29	313
Saturday	289	13.1	1	10.0	8	18	31	231
Sunday	257	11.6	3	30.0	7	16	18	213
Total	2,211	100.0	10	100.0	70	117	177	1,837

2018 Day of Week and Severity

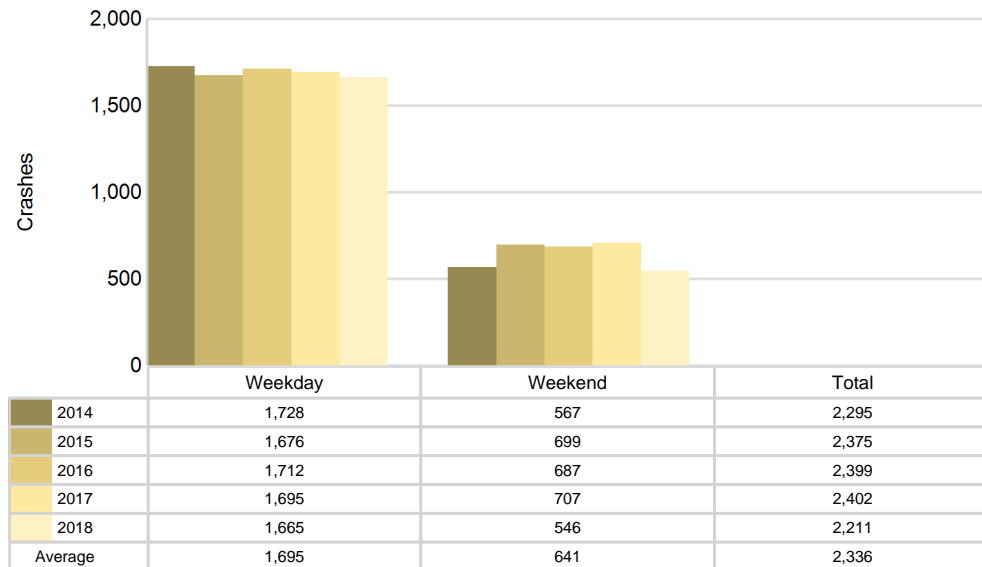


Van Buren County (continued)

5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	1,728	4	1,676	7	1,712	6	1,695	11	1,665	6
Weekend	567	4	699	8	687	6	707	5	546	4
Total	2,295	8	2,375	15	2,399	12	2,402	16	2,211	10

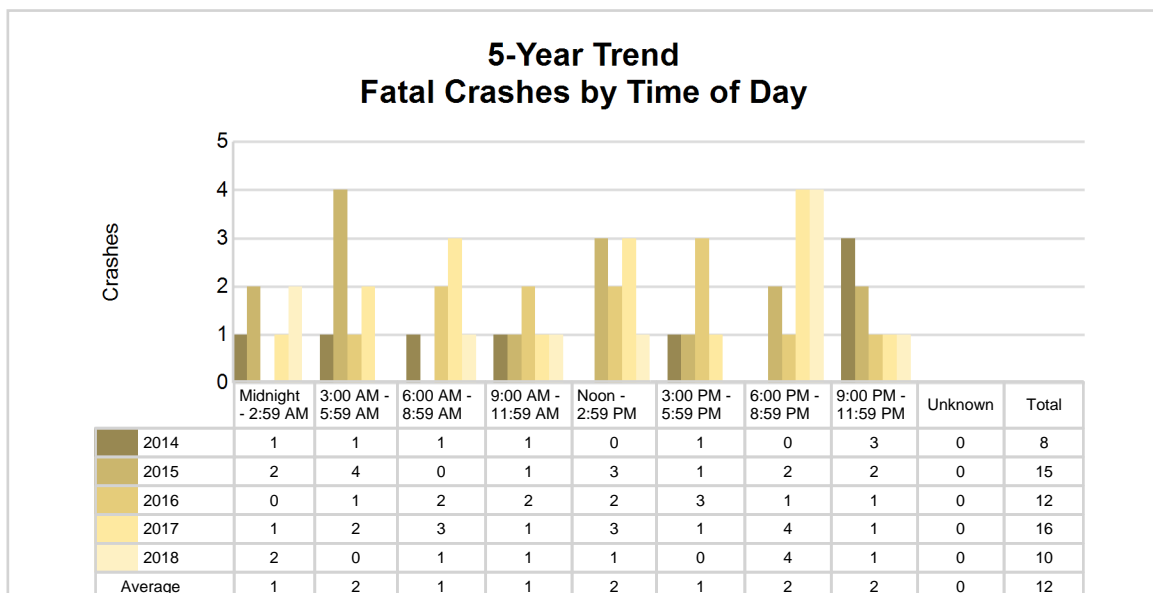
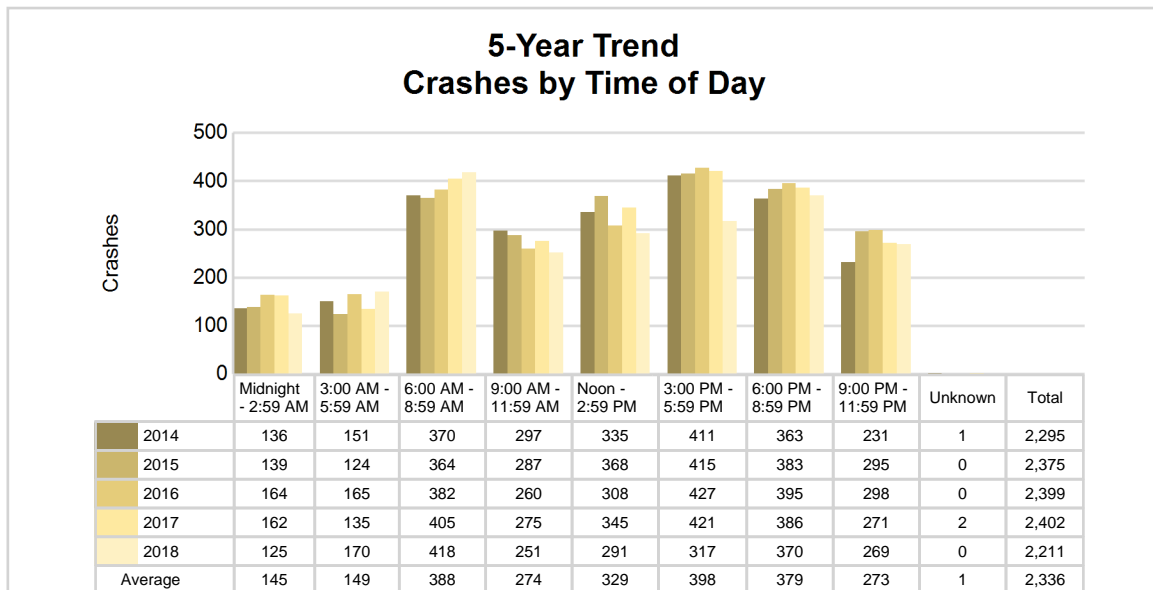
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

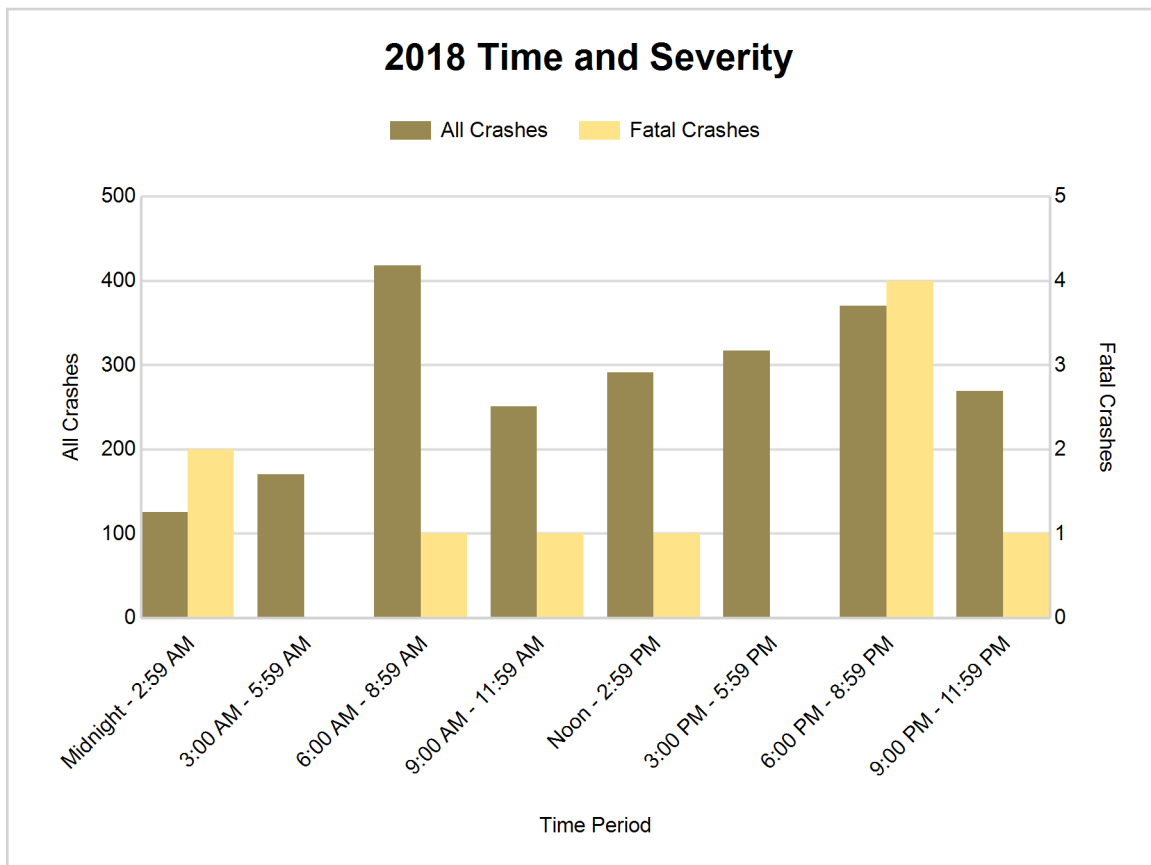
Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	136	1	139	2	164	0	162	1	125	2
3:00 AM - 5:59 AM	151	1	124	4	165	1	135	2	170	0
6:00 AM - 8:59 AM	370	1	364	0	382	2	405	3	418	1
9:00 AM - 11:59 AM	297	1	287	1	260	2	275	1	251	1
Noon - 2:59 PM	335	0	368	3	308	2	345	3	291	1
3:00 PM - 5:59 PM	411	1	415	1	427	3	421	1	317	0
6:00 PM - 8:59 PM	363	0	383	2	395	1	386	4	370	4
9:00 PM - 11:59 PM	231	3	295	2	298	1	271	1	269	1
Unknown	1	0	0	0	0	0	2	0	0	0
Total	2,295	8	2,375	15	2,399	12	2,402	16	2,211	10

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



2018 - Time and Severity

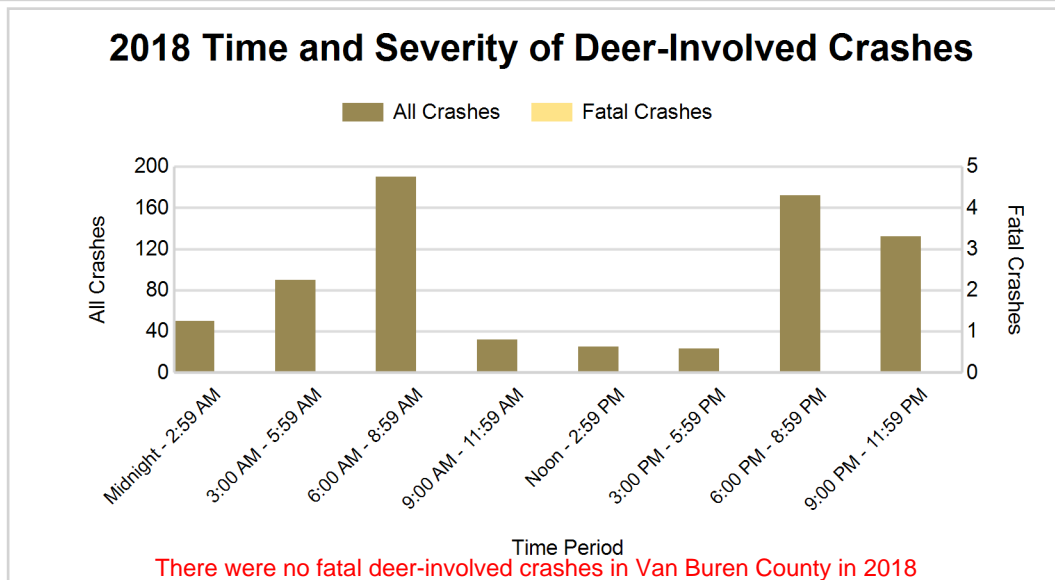
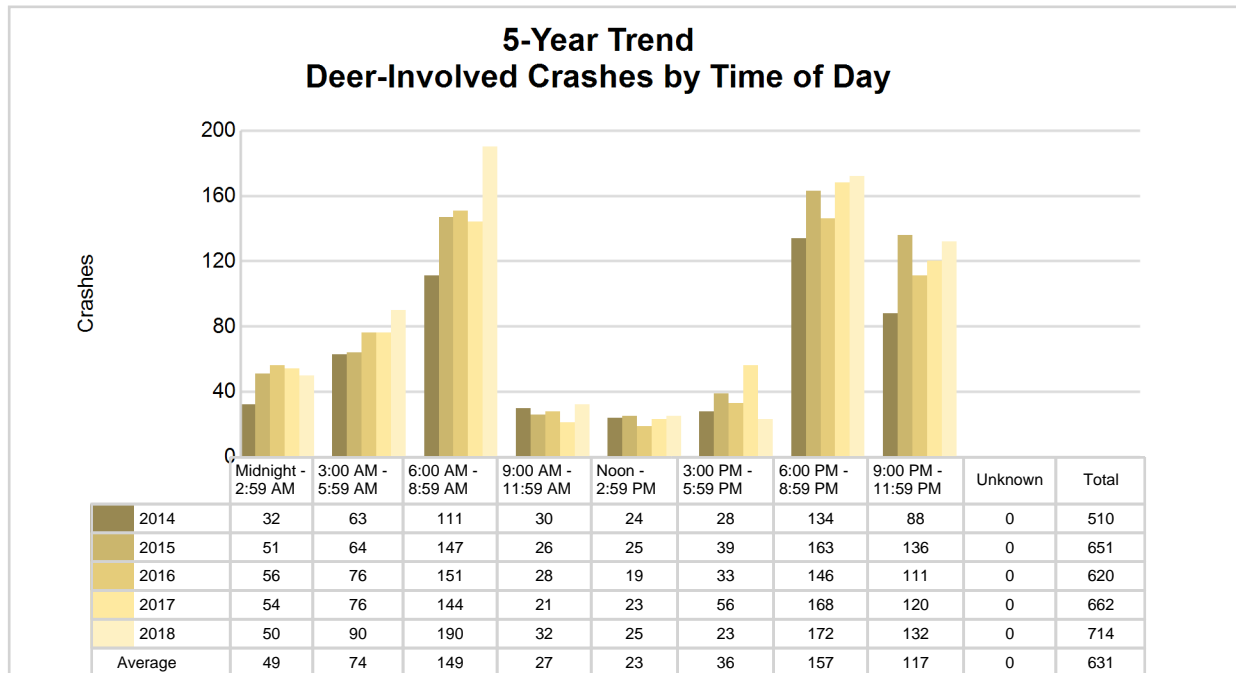
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	125	5.7	2	20.0	1	10	11	101
3:00 AM - 5:59 AM	170	7.7	0	0.0	1	9	11	149
6:00 AM - 8:59 AM	418	18.9	1	10.0	11	19	24	363
9:00 AM - 11:59 AM	251	11.4	1	10.0	10	13	26	201
Noon - 2:59 PM	291	13.2	1	10.0	8	23	31	228
3:00 PM - 5:59 PM	317	14.3	0	0.0	20	22	39	236
6:00 PM - 8:59 PM	370	16.7	4	40.0	8	12	21	325
9:00 PM - 11:59 PM	269	12.2	1	10.0	11	9	14	234
Unknown	0	0.0	0	0.0	0	0	0	0
Total	2,211	100.0	10	100.0	70	117	177	1,837



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

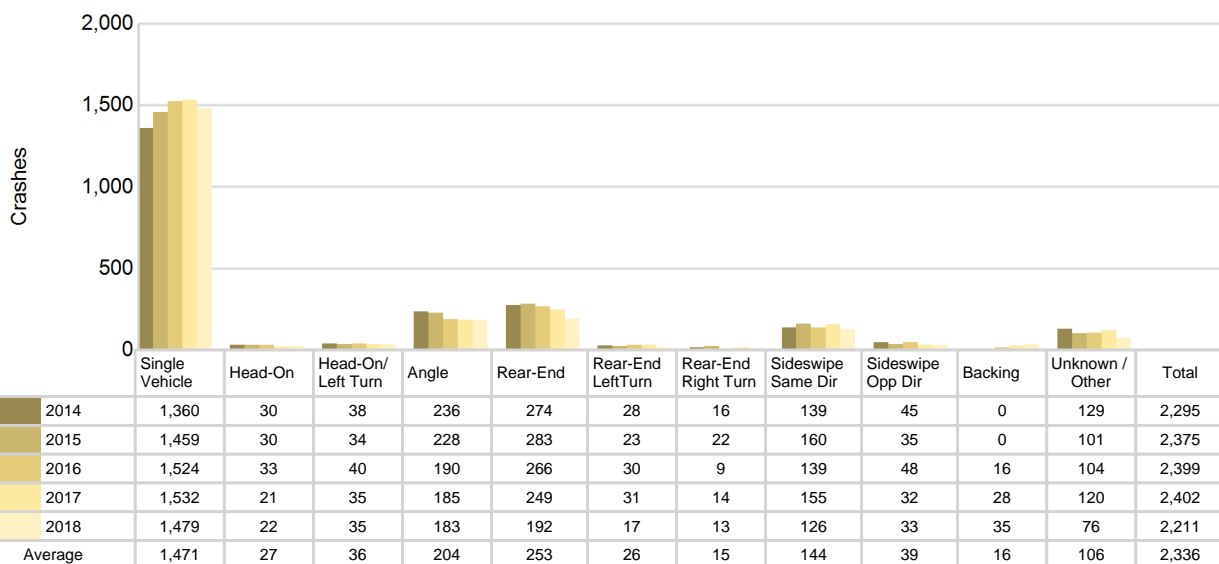
Time of Day	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	32	0	51	0	56	0	54	0	50	0
3:00 AM - 5:59 AM	63	0	64	0	76	0	76	0	90	0
6:00 AM - 8:59 AM	111	0	147	0	151	0	144	0	190	0
9:00 AM - 11:59 AM	30	0	26	0	28	0	21	0	32	0
Noon - 2:59 PM	24	0	25	0	19	0	23	0	25	0
3:00 PM - 5:59 PM	28	0	39	0	33	0	56	0	23	0
6:00 PM - 8:59 PM	134	0	163	0	146	0	168	0	172	0
9:00 PM - 11:59 PM	88	0	136	0	111	0	120	0	132	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	510	0	651	0	620	0	662	0	714	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 - Crashes by Crash Type

Crash Type	2014		2015		2016		2017		2018	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Single motor vehicle	1,360	5	1,459	9	1,524	4	1,532	11	1,479	8
Head-on	30	1	30	1	33	5	21	1	22	1
Head-on / left turn	38	0	34	1	40	0	35	1	35	0
Angle	236	0	228	0	190	1	185	2	183	1
Rear-end	274	1	283	3	266	1	249	1	192	0
Rear-end left turn	28	0	23	0	30	0	31	0	17	0
Rear-end right turn	16	0	22	0	9	0	14	0	13	0
Sideswipe same direction	139	1	160	0	139	1	155	0	126	0
Sideswipe opposite direction	45	0	35	0	48	0	32	0	33	0
Backing	0	0	0	0	16	0	28	0	35	0
Other / Unknown	129	0	101	1	104	0	120	0	76	0
Uncoded and Errors	0	0	0	0	0	0	0	0	0	0
Total	2,295	8	2,375	15	2,399	12	2,402	16	2,211	10

5-Year Trend
Crashes by Crash Type

Van Buren County (continued)

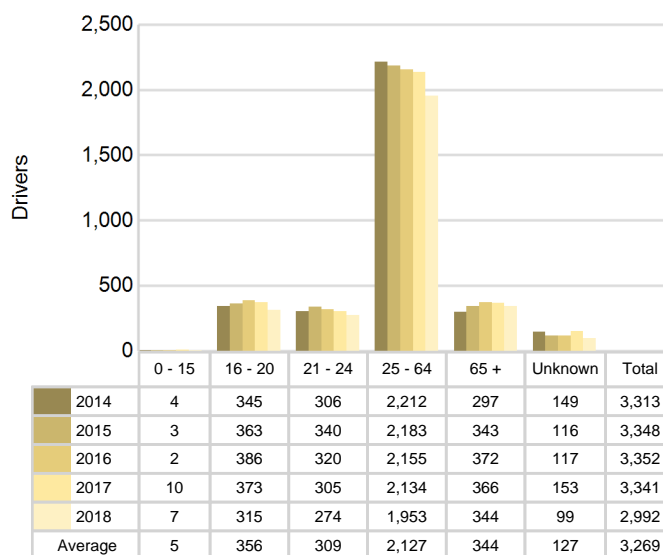
2018 - Reported Motor Vehicle Crashes by Municipality

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.	91	1	10	80	0	0	44	47	5	2	54	1	15
Antwerp Twp.	202	0	46	156	55	0	22	124	6	3	45	0	55
Arlington Twp.	70	0	12	58	0	0	40	30	3	2	43	0	14
Bangor	35	0	7	28	0	0	19	16	2	0	4	0	8
Bangor Twp.	77	0	13	64	0	0	10	67	5	1	38	0	17
Bloomingtondale	6	0	0	6	0	0	0	6	0	0	3	0	0
Bloomingtondale Twp.	35	1	6	28	0	0	0	35	5	1	18	1	7
Breedsville	0	0	0	0	0	0	0	0	0	0	0	0	0
Columbia Twp.	44	0	12	32	0	0	0	44	3	2	20	0	14
Covert Twp.	110	0	16	94	45	0	20	45	3	1	45	0	21
Decatur	19	0	4	15	0	0	15	4	2	1	1	0	4
Decatur Twp.	55	0	11	44	0	0	9	46	4	1	16	0	13
Geneva Twp.	103	1	22	80	0	0	20	83	2	2	39	1	30
Gobles	15	0	4	11	0	0	10	5	0	0	2	0	5
Hamilton Twp.	40	1	7	32	0	0	17	23	6	0	15	2	9
Hartford	14	0	2	12	9	0	0	5	0	0	1	0	2
Hartford Twp.	160	0	19	141	93	0	0	67	6	1	38	0	32
Keeler Twp.	39	2	5	32	0	0	13	26	3	1	15	2	6
Lawrence	17	0	1	16	0	0	0	17	0	0	5	0	1
Lawrence Twp.	130	0	24	106	56	0	0	74	6	1	40	0	36
Lawton	11	0	2	9	0	0	7	4	0	0	1	0	2
Mattawan	96	0	11	85	49	0	0	47	2	0	9	0	12
Paw Paw	153	0	25	128	54	0	55	43	7	1	20	0	32
Paw Paw Twp.	170	0	31	139	71	0	23	76	4	1	59	0	46
Pine Grove Twp.	81	1	14	66	0	0	31	50	4	2	46	1	21
Porter Twp.	67	1	7	59	0	0	25	42	0	0	40	1	8
South Haven	139	0	21	118	74	0	10	54	3	0	5	0	23
South Haven Twp.	129	0	16	113	39	0	36	54	4	1	39	0	22
Waverly Twp.	103	2	16	85	0	0	65	38	8	1	53	3	29
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2,211	10	364	1,837	545	0	491	1,172	93	25	714	12	484

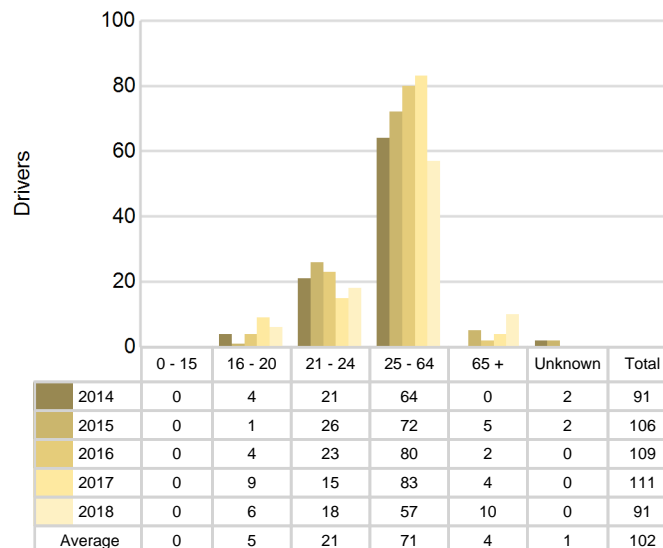
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2014		2015		2016		2017		2018	
	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	4	0	3	0	2	0	10	0	7	0
16 - 20	345	4	363	1	386	4	373	9	315	6
21 - 24	306	21	340	26	320	23	305	15	274	18
25 - 64	2,212	64	2,183	72	2,155	80	2,134	83	1,953	57
65 +	297	0	343	5	372	2	366	4	344	10
Unknown	149	2	116	2	117	0	153	0	99	0
Total	3,313	91	3,348	106	3,352	109	3,341	111	2,992	91

5-Year Trend
Total Drivers in Crashes by Age



5-Year Trend
Total Drivers Coded Drinking by Age



2018 - 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	10	5	5	6	0	1	3	1	1
21 - 24	19	17	14	18	0	2	6	3	7
25 - 64	73	76	45	57	0	5	15	14	23
65 +	10	18	10	10	0	4	3	3	0
Unknown	4	0	0	0	0	0	0	0	0
Total	116	116	74	91	0	12	27	21	31

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 2018, there were 116 drivers in alcohol-involved crashes; 91 (78.4%) of those drivers were coded as had-been-drinking by the officer on the crash form.

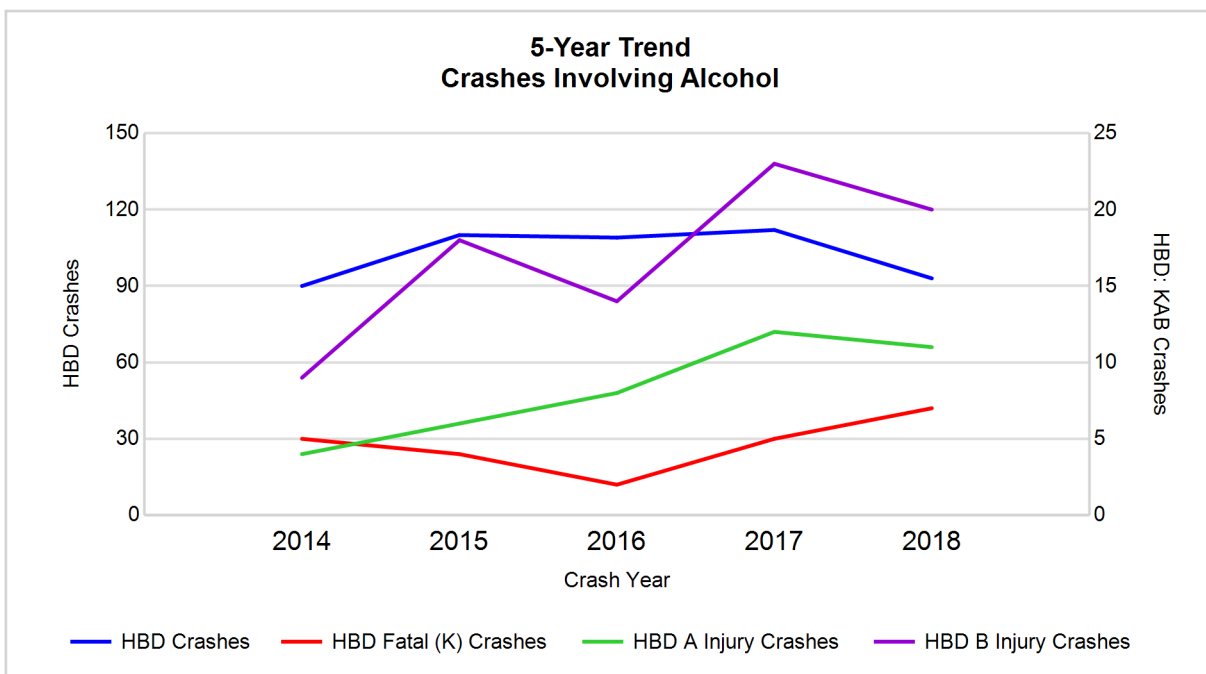
- 48 (52.7%) of the 91 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 21 (43.8%) of the 48 drivers had a BAC at or above 0.17 g/dL.
- 74 (81.3%) of the 91 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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
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
2018	2,211*	93	4.2	10	7**	70.0**	70**	11	15.7	117	20	17.1**

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



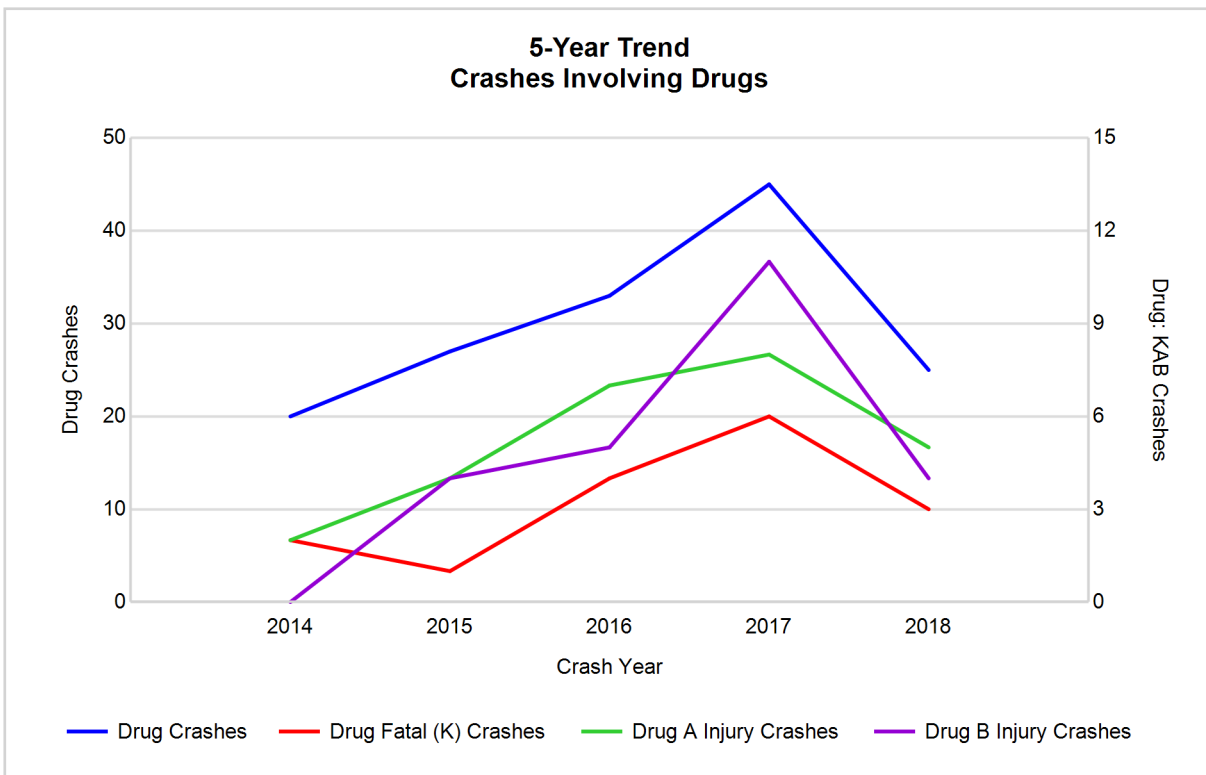
Note: Had-Been-Drinking (HBD)

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
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
2018	2,211*	25	1.1	10	3	30.0	70**	5	7.1	117	4	3.4

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

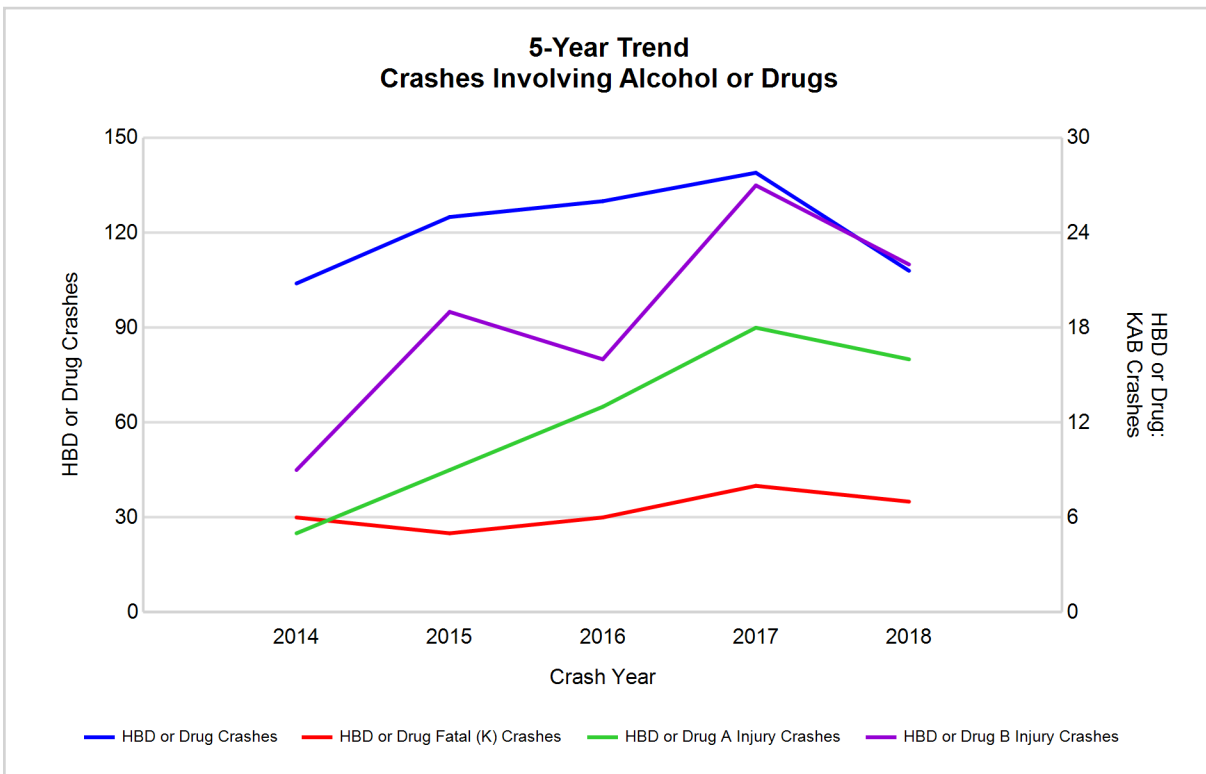


5-Year Trend - Crashes Involving Alcohol or Drugs

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
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
2018	2,211*	108	4.9	10	7	70.0	70**	16	22.9	117	22	18.8

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



Note: Had-Been-Drinking (HBD)

2018 - 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	2,362	2,223	94.1	8	4	50.0	46	39	84.8	103	93	90.3	192	176	91.7	1,968	1,911	97.1
Motor home	3	1	33.3	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Pickup truck	461	424	92.0	2	2	100.0	14	12	85.7	20	18	90.0	45	37	82.2	367	355	96.7
Small truck under 10,000 lbs. GVWR	22	20	90.9	0	0	0.0	1	1	100.0	2	2	100.0	1	1	100.0	17	16	94.1
Motorcycle	34	18	52.9	1	0	0.0	11	7	63.6	8	3	37.5	7	5	71.4	6	3	50.0
Moped / goped	4	1	25.0	0	0	0.0	0	0	0.0	2	1	50.0	2	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	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	4	0	0.0	0	0	0.0	2	0	0.0	0	0	0.0	1	0	0.0	1	0	0.0
Other	14	10	71.4	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	14	10	71.4
Truck/bus over 10,000 lbs.	168	156	92.9	0	0	0.0	0	0	0.0	3	3	100.0	7	5	71.4	154	148	96.1
Unknown	43	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	3,116	2,854	91.6	11	6	0.0	74	59	79.7	138	120	87.0	255	224	87.8	2,529	2,445	96.7

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.

2018 - 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	48	41	85.4	2	2	100.0	4	3	75.0	11	11	100.0	25	20	80.0	5	5	100.0
16 - 20	330	317	96.1	1	0	0.0	4	4	100.0	22	18	81.8	33	32	97.0	269	263	97.8
21 - 24	277	263	94.9	1	0	0.0	4	3	75.0	8	6	75.0	22	20	90.9	242	234	96.7
25 - 64	2,008	1,894	94.3	5	3	60.0	54	43	79.6	79	68	86.1	140	118	84.3	1,724	1,662	96.4
65 +	354	339	95.8	2	1	50.0	8	6	75.0	18	17	94.4	35	34	97.1	289	281	97.2
Unknown	99	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	3,116	2,854	91.6	11	6	0.0	74	59	79.7	138	120	87.0	255	224	87.8	2,529	2,445	96.7

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.

5-Year Trend - Restraint Use Among Drivers

Restraint Use	2014			2015			2016			2017			2018		
	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	24	0	1	17	0	1	17	0	2	8	0	3	4	0	0
Shoulder belt only used	9	0	1	2	0	0	13	0	3	51	0	10	19	0	1
Lap belt only used	8	0	0	16	0	2	9	0	2	10	0	1	11	0	1
Both lap & shoulder belts used	2,981	3	337	3,052	6	336	3,014	6	354	2,953	5	345	2,704	3	288
No belts used	32	1	9	34	5	12	28	2	11	25	0	12	18	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	0	0	0	0	0	0
Restraint failure	0	0	0	2	0	1	2	0	0	3	0	2	0	0	0
Restraint use unknown	75	1	12	72	2	9	193	3	10	258	1	15	200	1	22
Helmet worn	21	0	17	20	1	16	14	1	7	15	0	11	17	0	13
Helmet not worn	14	1	10	23	0	17	23	0	19	14	3	10	17	1	13
Helmet use unknown	3	1	1	2	0	2	5	0	3	2	0	2	2	0	1
Uncoded & errors	146	0	0	108	0	1	34	0	0	2	0	1	0	0	0
Total	3,313	7	388	3,348	14	397	3,352	12	411	3,341	9	412	2,992	6	348

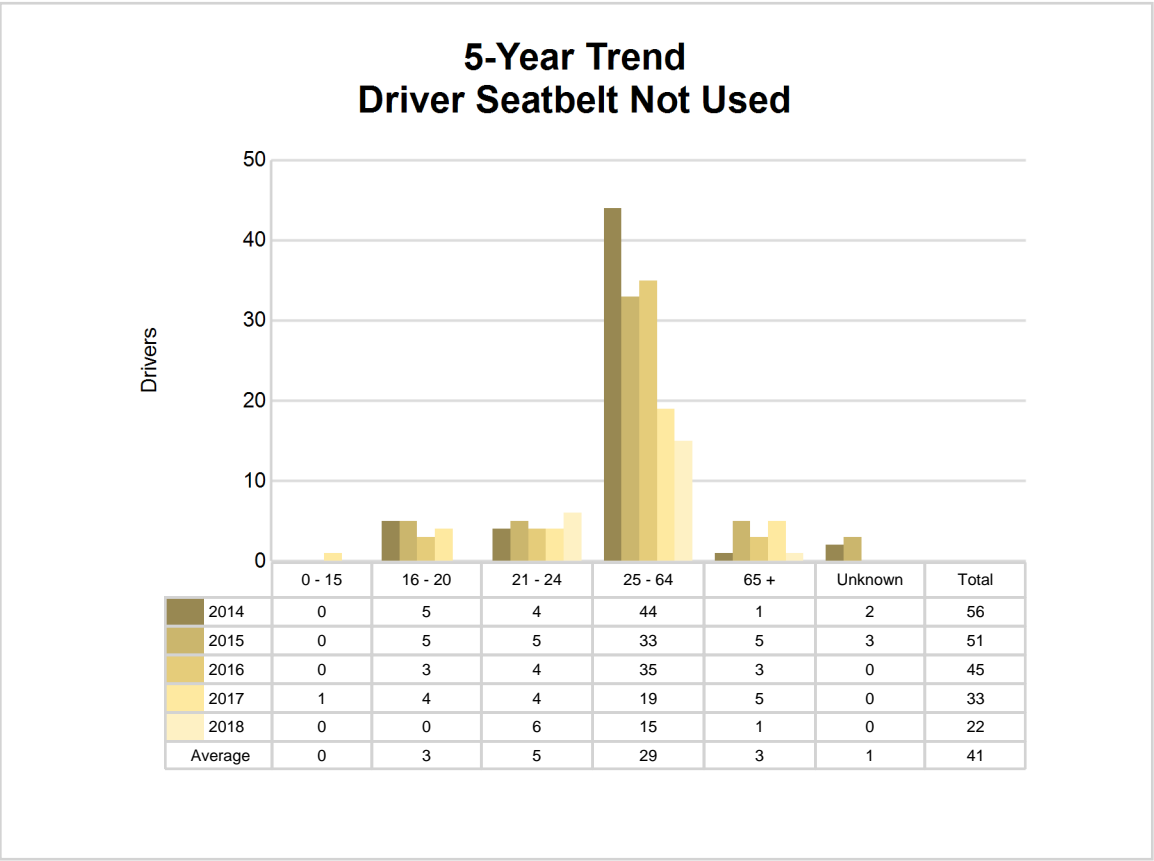
5-Year Trend - Restraint Use Among Drivers Coded Drinking

Restraint Use	2014			2015			2016			2017			2018		
	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	0	0	0	0	2	0	1	0	0	0	0	0	0
Shoulder belt only used	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0
Lap belt only used	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Both lap & shoulder belts used	72	1	15	83	2	22	82	0	25	71	1	25	62	1	25
No belts used	4	1	2	9	1	6	3	0	2	6	0	4	6	1	3
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	9	1	1	11	0	4	18	2	3	28	1	5	18	1	10
Helmet worn	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Helmet not worn	2	1	1	2	0	2	2	0	2	4	1	3	5	1	3
Helmet use unknown	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Uncoded & errors	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Total	91	4	20	106	3	35	109	2	35	111	3	38	91	4	41

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

Age Group	2014			2015			2016			2017			2018		
	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	1	0	0	0	0	0
16 - 20	5	0	1	5	1	0	3	1	1	4	0	2	0	0	0
21 - 24	4	0	2	5	1	3	4	0	1	4	0	3	6	1	2
25 - 64	44	1	7	33	1	7	35	1	9	19	0	8	15	0	7
65 +	1	0	0	5	2	2	3	0	2	5	0	2	1	0	0
Unknown	2	0	0	3	0	1	0	0	0	0	0	0	0	0	0
Total	56	1	10	51	5	13	45	2	13	33	0	15	22	1	9

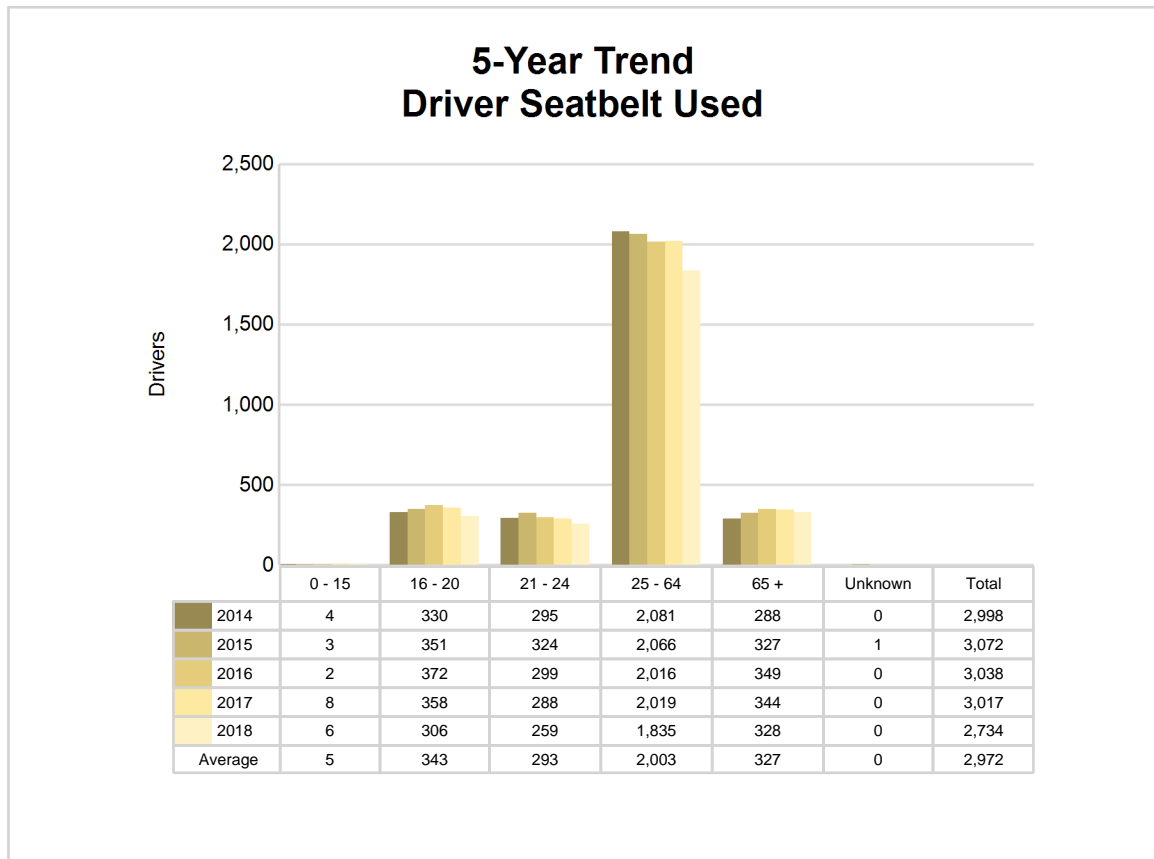
Note: Seatbelt Not Used includes no belts available or no belts used.



5-Year Trend - Seatbelt Used Among Drivers by Age

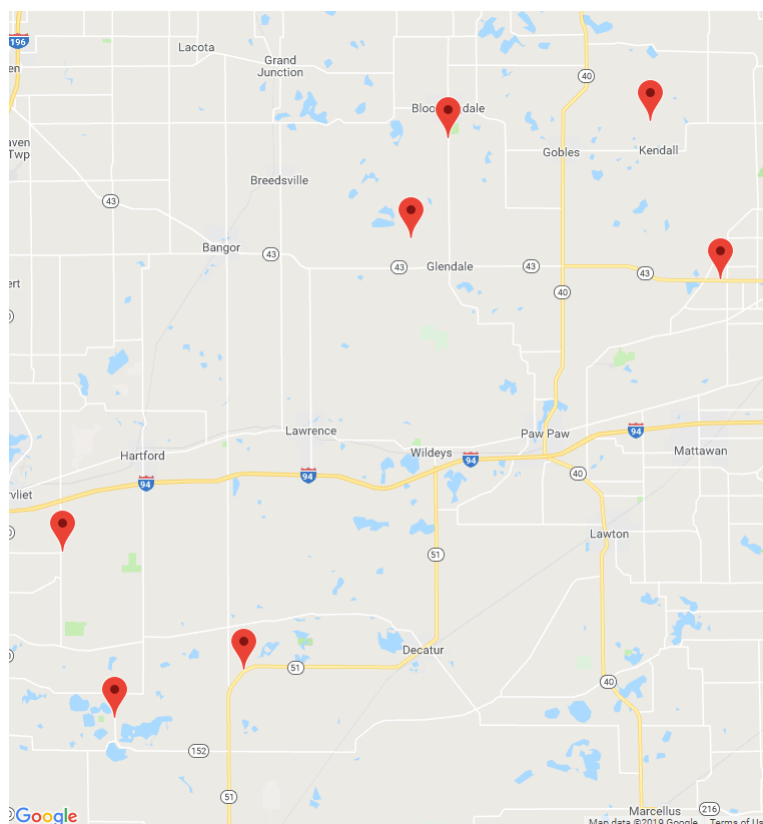
Age Group	2014			2015			2016			2017			2018		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	4	0	1	3	0	1	2	0	0	8	0	1	6	0	1
16 - 20	330	0	38	351	1	48	372	1	48	358	0	50	306	0	43
21 - 24	295	1	39	324	1	40	299	1	41	288	0	34	259	0	26
25 - 64	2,081	1	229	2,066	2	207	2,016	4	226	2,019	4	217	1,835	2	174
65 +	288	1	31	327	2	43	349	0	44	344	1	56	328	1	46
Unknown	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Total	2,998	3	338	3,072	6	339	3,038	6	359	3,017	5	358	2,734	3	290

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	2014		2015		2016		2017		2018	
	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	1,690	3	1,760	12	1,724	9	1,715	10	1,637	2
Speed too fast	579	3	501	4	544	5	517	2	416	2
Speed too slow	4	0	4	1	2	0	7	0	7	0
Failed to yield	250	0	256	1	222	1	232	2	216	0
Disregard traffic control	32	0	48	0	37	0	31	2	39	1
Drove wrong way	6	0	3	0	3	1	4	0	2	0
Drove left of center	28	1	31	0	35	2	19	1	18	0
Improper passing	13	0	16	0	21	0	19	0	13	0
Improper lane use	43	0	50	0	39	0	45	0	53	0
Improper turn	22	0	16	0	24	0	24	0	20	0
Improper/no signal	6	0	10	0	3	0	3	0	2	0
Improper backing	54	0	37	0	48	0	30	0	29	0
Unable to stop in assured clear distance	285	0	264	0	271	2	252	0	214	0
Other	93	2	123	0	115	0	138	0	102	4
Unknown	57	0	53	3	116	2	141	2	109	2
Reckless driving	21	1	25	0	16	0	25	1	19	0
Careless/negligent driving	130	1	150	5	132	1	139	4	96	1
Uncoded & errors	0	0	1	1	0	0	0	0	0	0
Total	3,313	11	3,348	27	3,352	23	3,341	24	2,992	12



The picture above represents all 2018 alcohol-involved fatal crashes in Van Buren County.

In 2018, there were 93 alcohol-involved crashes in Van Buren County:

- 7 K - Fatal Crashes
- 11 A - Suspected Serious Injury Crashes
- 20 B - Suspected Minor Injury Crashes
- 16 C - Possible Injury Crashes
- 39 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

