MICHIGAN

OHSP

Office of Highway Safety Planning

2018

MTCF
Michigan Traffic Crash Facts

Michigan Traffic Crash Facts

Clinton 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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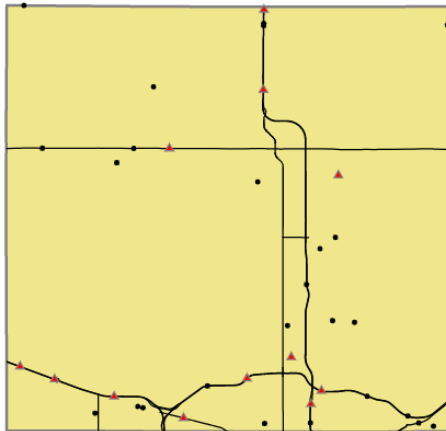
Clinton County

Crashes by most severe injury (mapped/actual)

▲ K - Fatal (12/12)

● A - Suspected Serious (26/26)

Clinton County

In 2018:

There were 3,305 drivers involved in 2,487 motor vehicle crashes in Clinton County. Of those crashes, 12 were classified as fatal, resulting in 12 fatalities. An additional 381 persons were injured.

Clinton County experienced the highest number of motor vehicle crashes (347) in November, the highest number of fatal crashes (3) and the highest number of persons killed (3) in September.

Michigan driver statistics indicate 7.4 percent of licensed drivers in Clinton County were age 16-20, and 12.3 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	259	0	31	228	0	42
February	220	1	17	202	1	31
March	178	0	21	157	0	26
April	165	2	24	139	2	33
May	179	1	23	155	1	38
June	189	0	22	167	0	31
July	122	1	14	107	1	28
August	142	2	22	118	2	29
September	170	3	20	147	3	33
October	338	1	25	312	1	35
November	347	0	25	322	0	33
December	178	1	21	156	1	22
Total	**2,487**	**12**	**265**	**2,210**	**12**	**381**

2018 - Driver Statistics

Age Group	Clinton County			Driver Rates	
	2018 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	15,565	600	5	3.2	83.3
16 - 20	4,756	4,472	407	855.8	910.1
21 - 24	4,073	4,392	328	805.3	746.8
25 - 64	41,496	38,217	2,113	509.2	552.9
65 +	13,442	12,573	340	252.9	270.4
Unknown	0	0	112	- -	- -
Total	**79,332**	**60,254**	**3,305**	**416.6**	**548.5**

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	2,449	74.1	16	76.2	305	2,128
Motor home	41	1.2	1	4.8	6	34
Pickup truck	525	15.9	2	9.5	61	462
Small truck under 10,000 lbs. GVWR	26	0.8	0	0.0	4	22
Motorcycle	21	0.6	0	0.0	13	8
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	1	0.0	0	0.0	1	0
Other	83	2.5	0	0.0	13	70
Truck/bus over 10,000 lbs.	118	3.6	2	9.5	13	103
Unknown	38	1.1	0	0.0	1	37
Total	**3,305**	**100.0**	**21**	**100.0**	**420**	**2,864**

Clinton 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	277	1	216	0	222	0	232	0	259	0
February	186	0	162	0	165	0	130	0	220	1
March	167	2	117	0	148	0	191	0	178	0
April	121	1	120	0	120	0	135	0	165	2
May	137	0	156	1	173	0	188	1	179	1
June	164	0	161	2	176	2	166	0	189	0
July	134	0	145	1	110	2	120	0	122	1
August	122	0	124	0	145	2	139	0	142	2
September	127	2	151	0	144	3	103	0	170	3
October	298	0	275	1	256	1	268	0	338	1
November	322	0	322	0	279	1	282	0	347	0
December	195	3	170	0	220	1	297	0	178	1
Total	**2,250**	**9**	**2,119**	**5**	**2,158**	**12**	**2,251**	**1**	**2,487**	**12**

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	301	2	292	1	291	1	334	0	398	2
Tuesday	335	3	291	0	327	2	330	0	378	2
Wednesday	355	1	323	0	366	2	341	0	359	2
Thursday	334	1	263	1	338	2	325	0	347	2
Friday	363	1	362	1	333	1	381	0	447	1
Saturday	275	1	332	0	265	3	283	0	287	1
Sunday	287	0	256	2	238	1	257	1	271	2
Total	**2,250**	**9**	**2,119**	**5**	**2,158**	**12**	**2,251**	**1**	**2,487**	**12**

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
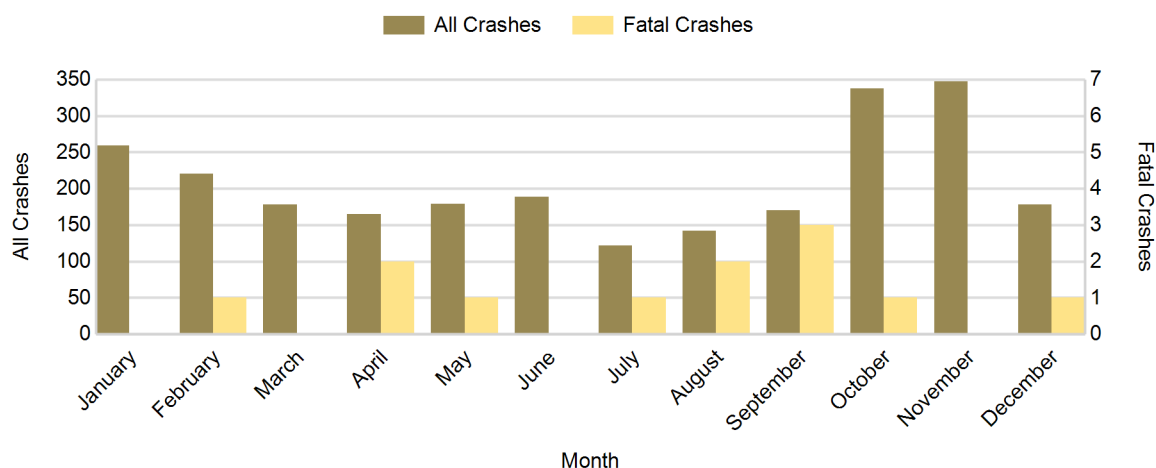
2018 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	398	16.0	2	16.7	3	14	26	353
Tuesday	378	15.2	2	16.7	3	12	17	344
Wednesday	359	14.4	2	16.7	2	16	19	320
Thursday	347	14.0	2	16.7	4	15	22	304
Friday	447	18.0	1	8.3	5	23	24	394
Saturday	287	11.5	1	8.3	4	13	16	253
Sunday	271	10.9	2	16.7	5	8	14	242
Total	**2,487**	**100.0**	**12**	**100.0**	**26**	**101**	**138**	**2,210**

2018 Day of Week and Severity
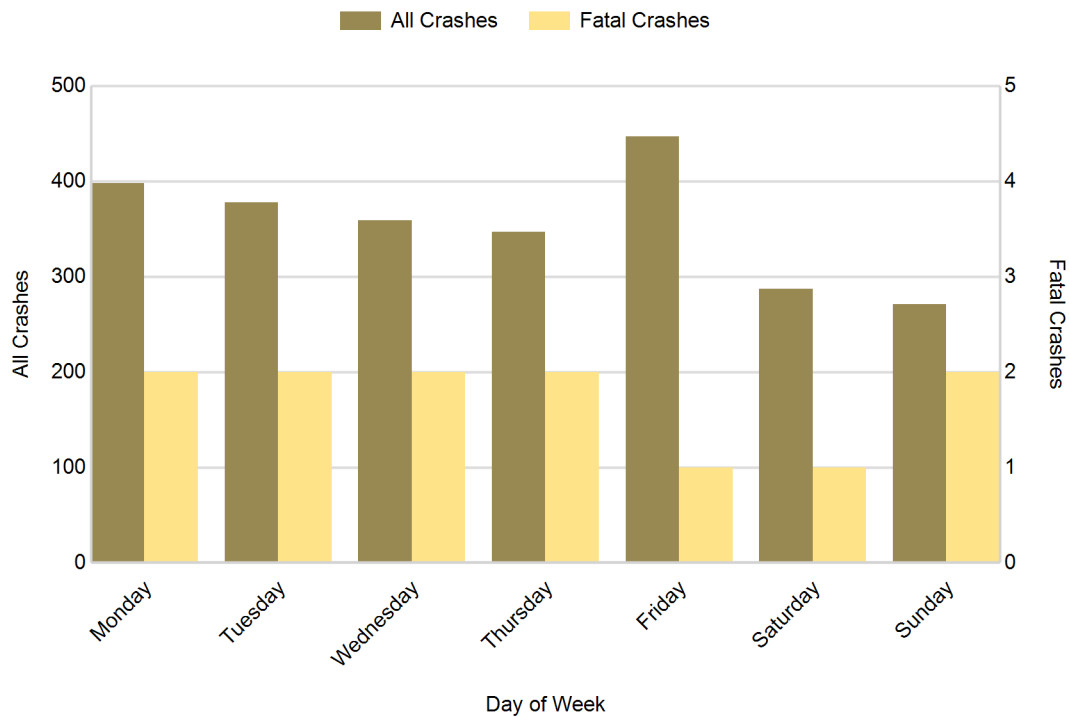
5-Year Trend - Crashes by Weekday and Weekend

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	1,688	8	1,531	3	1,655	8	1,711	0	1,929	9
Weekend	562	1	588	2	503	4	540	1	558	3
Total	**2,250**	**9**	**2,119**	**5**	**2,158**	**12**	**2,251**	**1**	**2,487**	**12**

5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)
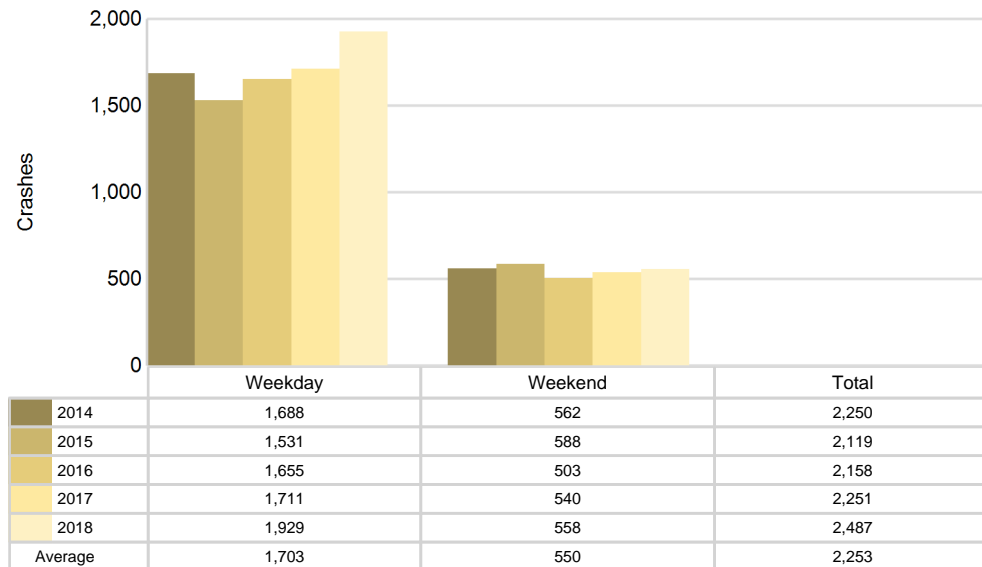
	Weekday	Weekend	Total
2014	1,688	562	2,250
2015	1,531	588	2,119
2016	1,655	503	2,158
2017	1,711	540	2,251
2018	1,929	558	2,487
Average	1,703	550	2,253

Clinton County (continued)

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	107	1	109	0	118	1	113	0	117	0
3:00 AM - 5:59 AM	157	0	163	0	162	1	172	0	207	0
6:00 AM - 8:59 AM	412	1	366	1	415	3	431	0	547	2
9:00 AM - 11:59 AM	264	2	188	0	200	0	215	0	251	4
Noon - 2:59 PM	238	0	222	0	261	2	246	0	284	2
3:00 PM - 5:59 PM	339	1	360	2	358	4	375	1	377	2
6:00 PM - 8:59 PM	431	4	413	0	383	1	417	0	419	2
9:00 PM - 11:59 PM	302	0	297	2	259	0	282	0	283	0
Unknown	0	0	1	0	2	0	0	0	2	0
Total	**2,250**	**9**	**2,119**	**5**	**2,158**	**12**	**2,251**	**1**	**2,487**	**12**

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
2014	107	157	412	264	238	339	431	302	0	2,250
2015	109	163	366	188	222	360	413	297	1	2,119
2016	118	162	415	200	261	358	383	259	2	2,158
2017	113	172	431	215	246	375	417	282	0	2,251
2018	117	207	547	251	284	377	419	283	2	2,487
Average	113	172	434	224	250	362	413	285	1	2,253

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
2014	1	0	1	2	0	1	4	0	0	9
2015	0	0	1	0	0	2	0	2	0	5
2016	1	1	3	0	2	4	1	0	0	12
2017	0	0	0	0	0	1	0	0	0	1
2018	0	0	2	4	2	2	2	0	0	12
Average	0	0	1	1	1	2	1	0	0	8

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	117	4.7	0	0.0	2	2	6	107
3:00 AM	- 5:59 AM	207	8.3	0	0.0	4	3	11	189
6:00 AM	- 8:59 AM	547	22.0	2	16.7	4	10	26	505
9:00 AM	- 11:59 AM	251	10.1	4	33.3	3	20	10	214
Noon	- 2:59 PM	284	11.4	2	16.7	1	20	27	234
3:00 PM	- 5:59 PM	377	15.2	2	16.7	6	22	27	320
6:00 PM	- 8:59 PM	419	16.8	2	16.7	4	14	22	377
9:00 PM	- 11:59 PM	283	11.4	0	0.0	2	10	9	262
Unknown		2	0.1	0	0.0	0	0	0	2
Total		**2,487**	**100.0**	**12**	**100.0**	**26**	**101**	**138**	**2,210**
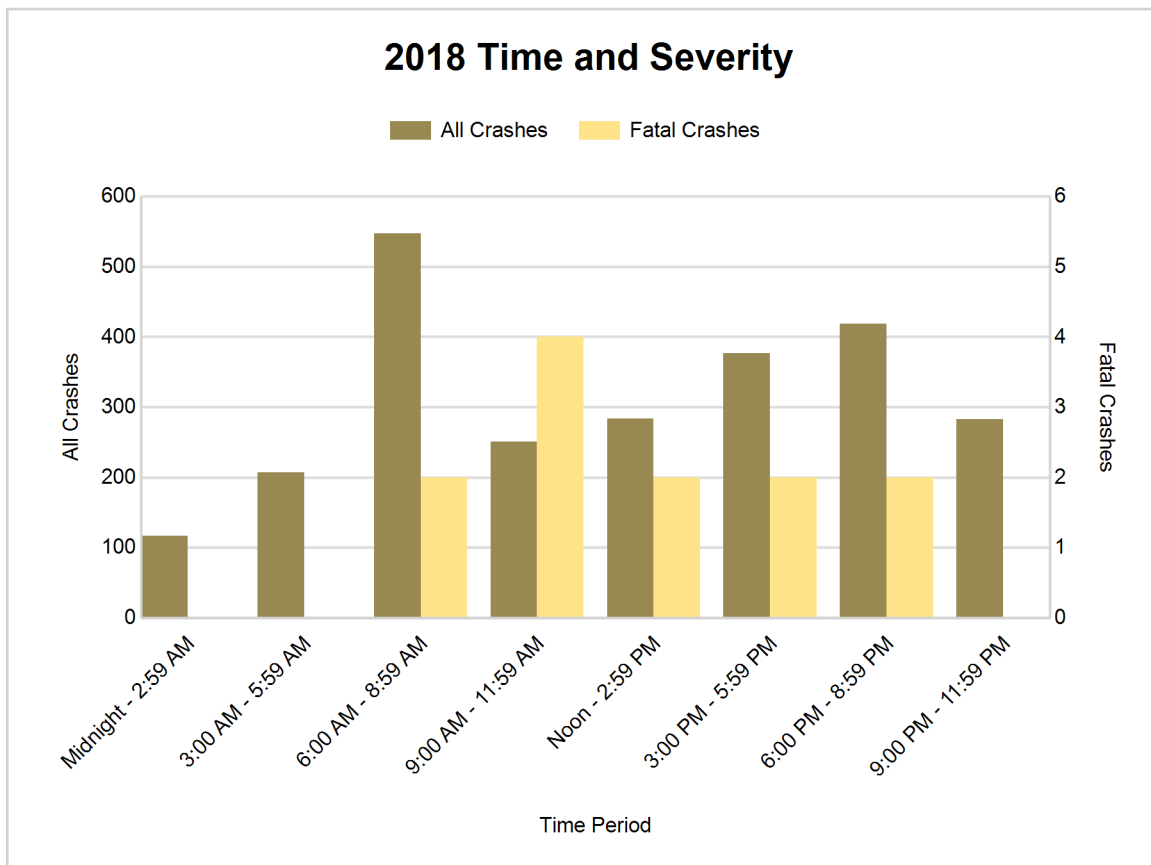
Clinton County (continued)

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	68	0	57	0	66	0	63	0	75	0
3:00 AM - 5:59 AM	109	0	115	0	111	0	117	0	134	0
6:00 AM - 8:59 AM	214	0	191	0	220	0	226	0	282	0
9:00 AM - 11:59 AM	50	0	28	0	26	0	32	0	39	0
Noon - 2:59 PM	26	0	28	0	32	0	17	0	37	0
3:00 PM - 5:59 PM	73	0	57	0	64	0	72	0	70	0
6:00 PM - 8:59 PM	274	0	264	0	224	1	231	0	262	0
9:00 PM - 11:59 PM	201	0	218	0	175	0	190	0	204	0
Unknown	0	0	1	0	0	0	0	0	0	0
Total	**1,015**	**0**	**959**	**0**	**918**	**1**	**948**	**0**	**1,103**	**0**

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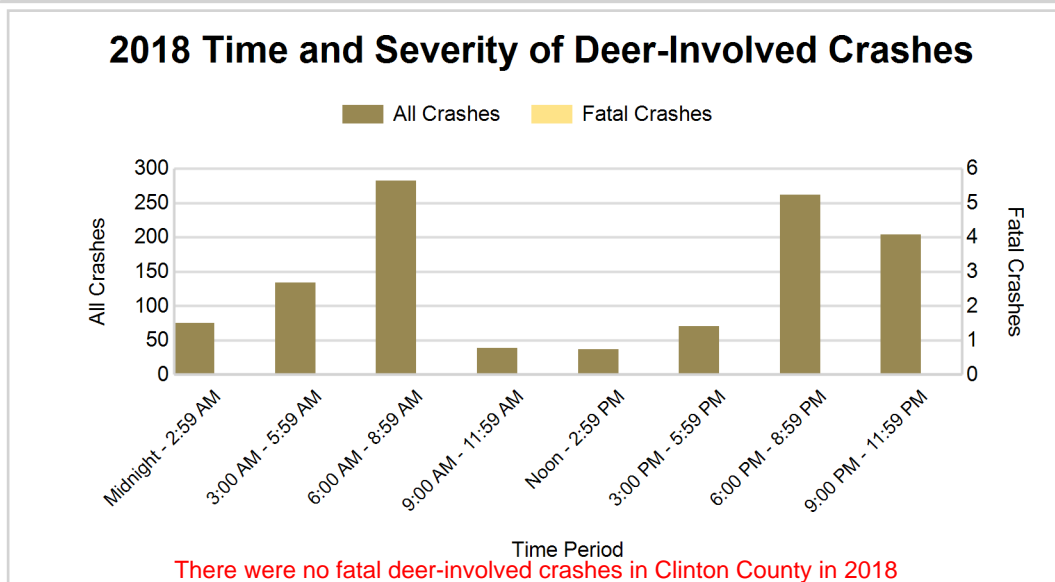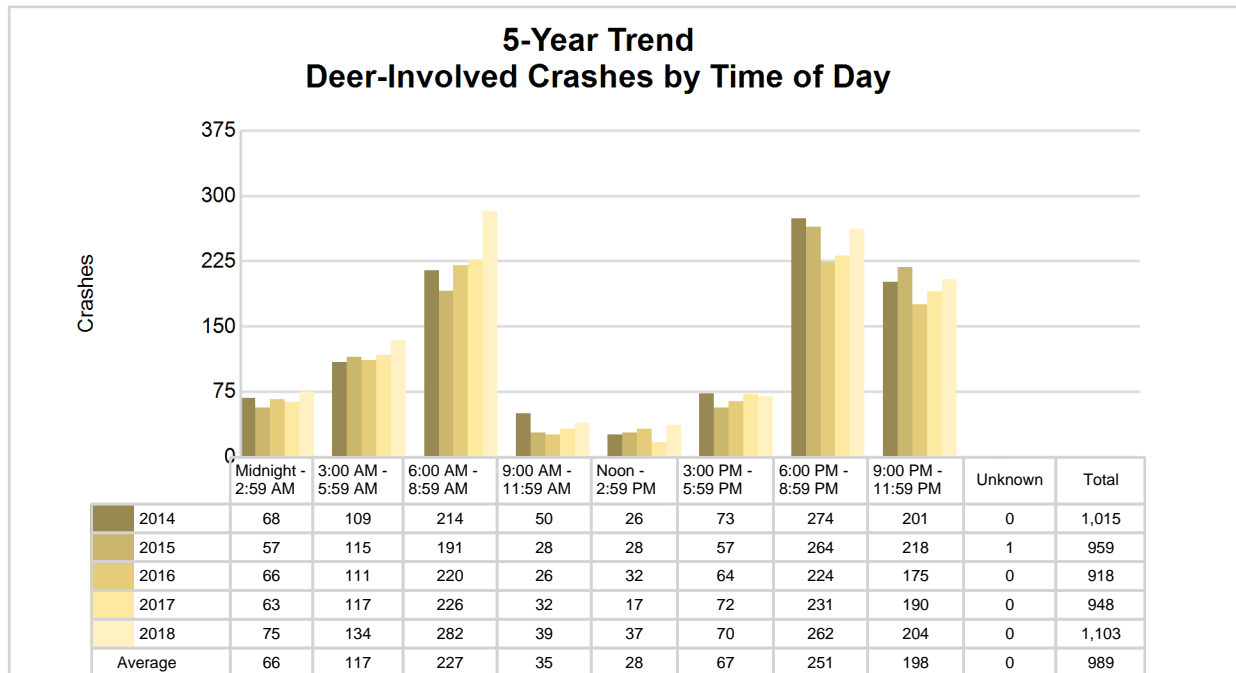

5-Year Trend
Deer-Involved Crashes by Time of Day

	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
2014	68	109	214	50	26	73	274	201	0	1,015
2015	57	115	191	28	28	57	264	218	1	959
2016	66	111	220	26	32	64	224	175	0	918
2017	63	117	226	32	17	72	231	190	0	948
2018	75	134	282	39	37	70	262	204	0	1,103
Average	66	117	227	35	28	67	251	198	0	989

2018 Time and Severity of Deer-Involved Crashes

There were no fatal deer-involved crashes in Clinton County in 2018

Clinton County (continued)

5-Year Trend - Crashes by Crash Type

Crash Type	2014 Total Crashes	2014 Fatal Crashes	2015 Total Crashes	2015 Fatal Crashes	2016 Total Crashes	2016 Fatal Crashes	2017 Total Crashes	2017 Fatal Crashes	2018 Total Crashes	2018 Fatal Crashes
Single motor vehicle	1,555	8	1,478	1	1,456	4	1,507	0	1,723	5
Head-on	16	0	16	1	25	2	9	0	11	2
Head-on / left turn	21	0	23	1	26	1	34	0	24	0
Angle	208	1	190	1	203	3	198	1	209	0
Rear-end	239	0	222	0	221	2	266	0	280	3
Rear-end left turn	15	0	8	0	15	0	16	0	10	1
Rear-end right turn	19	0	14	0	18	0	12	0	9	0
Sideswipe same direction	106	0	89	1	97	0	119	0	104	0
Sideswipe opposite direction	25	0	28	0	29	0	25	0	23	0
Backing	0	0	0	0	17	0	21	0	39	0
Other / Unknown	46	0	51	0	50	0	44	0	55	1
Uncoded and Errors	0	0	0	0	1	0	0	0	0	0
Total	**2,250**	**9**	**2,119**	**5**	**2,158**	**12**	**2,251**	**1**	**2,487**	**12**

5-Year Trend
Crashes by Crash Type

	Single Vehicle	Head-On	Head-On/ Left Turn	Angle	Rear-End	Rear-End LeftTurn	Rear-End Right Turn	Sideswipe Same Dir	Sideswipe Opp Dir	Backing	Unknown / Other	Total
2014	1,555	16	21	208	239	15	19	106	25	0	46	2,250
2015	1,478	16	23	190	222	8	14	89	28	0	51	2,119
2016	1,456	25	26	203	221	15	18	97	29	17	50	2,157
2017	1,507	9	34	198	266	16	12	119	25	21	44	2,251
2018	1,723	11	24	209	280	10	9	104	23	39	55	2,487
Average	1,544	15	26	202	246	13	14	103	26	15	49	2,253

Clinton 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
Bath Twp.	222	0	26	196	122	0	15	84	1	0	77	0	39
Bengal Twp.	41	1	3	37	0	0	10	31	1	0	22	1	5
Bingham Twp.	164	0	16	148	0	90	29	45	7	2	73	0	20
Dallas Twp.	73	0	5	68	0	0	25	48	3	1	54	0	8
DeWitt	58	0	3	55	0	0	0	58	0	0	7	0	3
DeWitt Twp.	427	4	36	387	117	81	75	154	15	6	127	4	56
Duplain Twp.	56	0	8	48	0	0	0	56	2	1	32	0	13
Eagle	4	0	1	3	0	0	0	4	0	0	0	0	1
Eagle Twp.	181	3	20	158	87	0	11	83	3	2	73	3	29
East Lansing	29	0	7	22	0	0	0	29	0	0	7	0	9
Elsie	3	0	1	2	0	0	0	3	0	0	1	0	1
Essex Twp.	58	0	1	57	0	0	0	58	1	0	43	0	2
Fowler	10	0	1	9	0	0	7	3	1	0	0	0	1
Grand Ledge	1	0	0	1	0	0	1	0	0	0	0	0	0
Greenbush Twp.	156	2	14	140	0	75	3	78	4	2	102	2	28
Hubbardston	2	0	0	2	0	0	0	2	0	0	2	0	0
Lebanon Twp.	41	0	5	36	0	0	0	41	1	0	22	0	6
Maple Rapids	13	0	1	12	0	0	0	13	1	0	5	0	1
Olive Twp.	180	0	21	159	0	80	39	60	6	2	106	0	28
Ovid	7	0	2	5	0	0	1	6	0	0	1	0	2
Ovid Twp.	108	1	13	94	0	0	39	69	7	2	63	1	18
Riley Twp.	92	0	8	84	0	0	0	92	1	0	66	0	11
St. Johns	131	0	21	110	0	35	27	67	3	0	5	0	25
Victor Twp.	117	0	10	107	0	0	0	117	3	0	78	0	14
Watertown Twp.	257	1	34	222	142	0	0	115	4	1	105	1	47
Westphalia	1	0	0	1	0	0	0	1	0	0	0	0	0
Westphalia Twp.	49	0	5	44	0	0	0	49	4	0	29	0	10
Unknown Community	6	0	3	3	1	0	0	5	0	0	3	0	4
Total	**2,487**	**12**	**265**	**2,210**	**469**	**361**	**282**	**1,371**	**68**	**19**	**1,103**	**12**	**381**

Clinton County (continued)

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	3	0	1	0	5	0	9	0	5	0
16 - 20	383	8	360	5	418	3	386	7	407	6
21 - 24	290	12	304	19	269	12	311	22	328	14
25 - 64	1,928	42	1,799	40	1,822	35	1,931	48	2,113	48
65 +	273	2	262	0	295	5	284	0	340	0
Unknown	102	0	80	0	84	0	108	0	112	0
Total	2,979	64	2,806	64	2,893	55	3,029	77	3,305	68

5-Year Trend
Total Drivers in Crashes by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2014	3	383	290	1,928	273	102	2,979
2015	1	360	304	1,799	262	80	2,806
2016	5	418	269	1,822	295	84	2,893
2017	9	386	311	1,931	284	108	3,029
2018	5	407	328	2,113	340	112	3,305
Average	5	391	300	1,919	291	97	3,002

5-Year Trend
Total Drivers Coded Drinking by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2014	0	8	12	42	2	0	64
2015	0	5	19	40	0	0	64
2016	0	3	12	35	5	0	55
2017	0	7	22	48	0	0	77
2018	0	6	14	48	0	0	68
Average	0	6	16	43	1	0	66
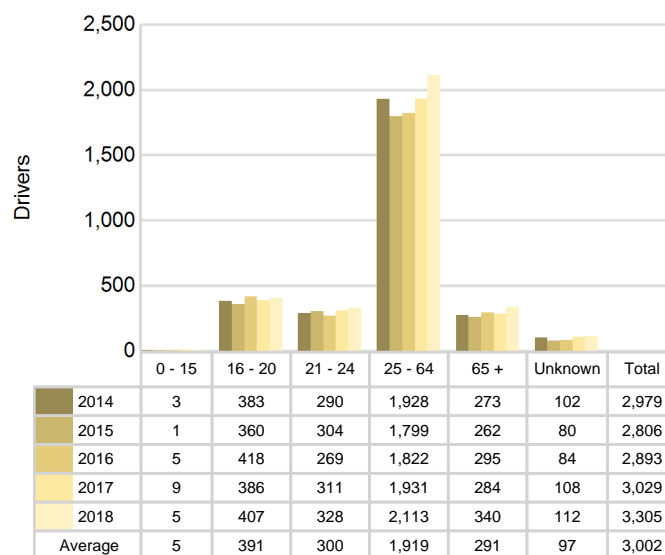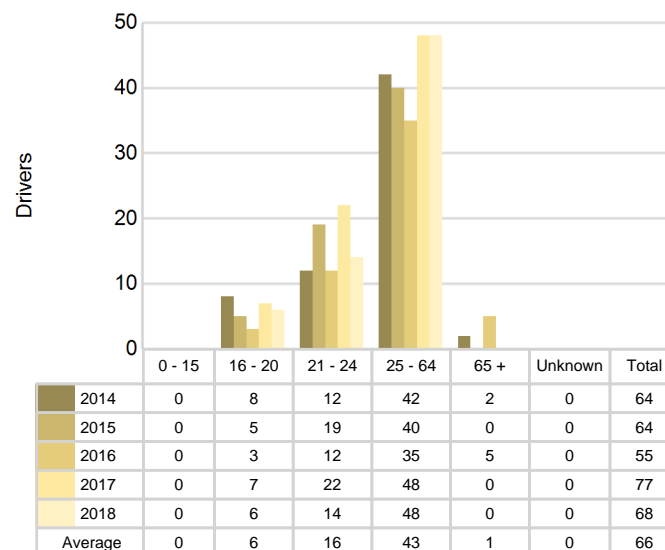
2018 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

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	8	9	5	6	0	1	2	1	2
21 - 24	16	16	13	14	0	1	4	5	4
25 - 64	54	55	41	48	0	6	13	9	20
65 +	1	0	0	0	0	0	0	0	0
Unknown	0	0	0	0	0	0	0	0	0
Total	**79**	**80**	**59**	**68**	**0**	**8**	**19**	**15**	**26**

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 79 drivers in alcohol-involved crashes; 68 (86.1%) of those drivers were coded as had-been-drinking by the officer on the crash form.
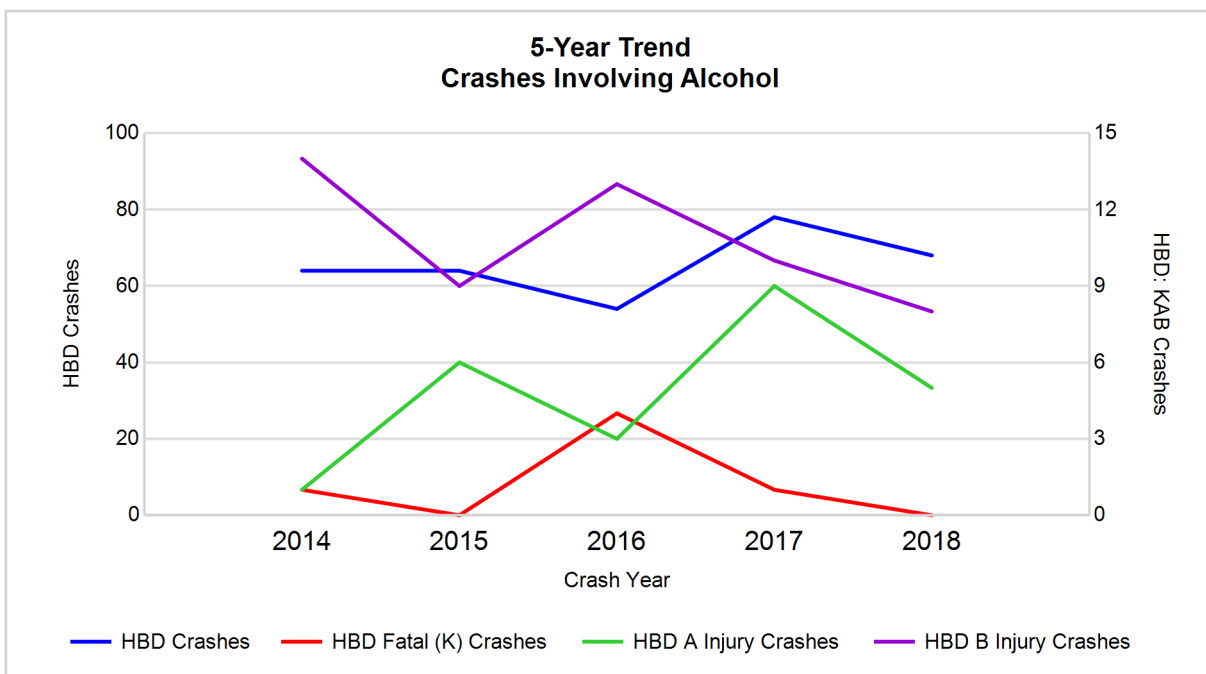
- 34 (50.0%) of the 68 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 15 (44.1%) of the 34 drivers had a BAC at or above 0.17 g/dL.

- 59 (86.8%) of the 68 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	2,250	64	2.8	9	1	11.1	29	1	3.4	108	14	13.0
2015	2,119	64	3.0	5	0	0.0	31	6	19.4	104	9	8.7
2016	2,158	54	2.5	12	4	33.3	43	3	7.0	122	13	10.7
2017	2,251	78	3.5	1	1	100.0	41	9	22.0	99	10	10.1
2018	2,487**	68	2.7	12	0	0.0	26*	5	19.2	101	8*	7.9*

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

**5-Year Trend
Crashes Involving Alcohol**

Note: Had-Been-Drinking (HBD)

Clinton 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
2014	2,250	6	0.3	9	0	0.0	29	0	0.0	108	1	0.9
2015	2,119	11	0.5	5	2	40.0	31	0	0.0	104	1	1.0
2016	2,158	16	0.7	12	2	16.7	43	2	4.7	122	2	1.6
2017	2,251	13	0.6	1	0	0.0	41	1	2.4	99	3	3.0
2018	2,487**	19**	0.8**	12	2	16.7	26*	0	0.0	101	2	2.0

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
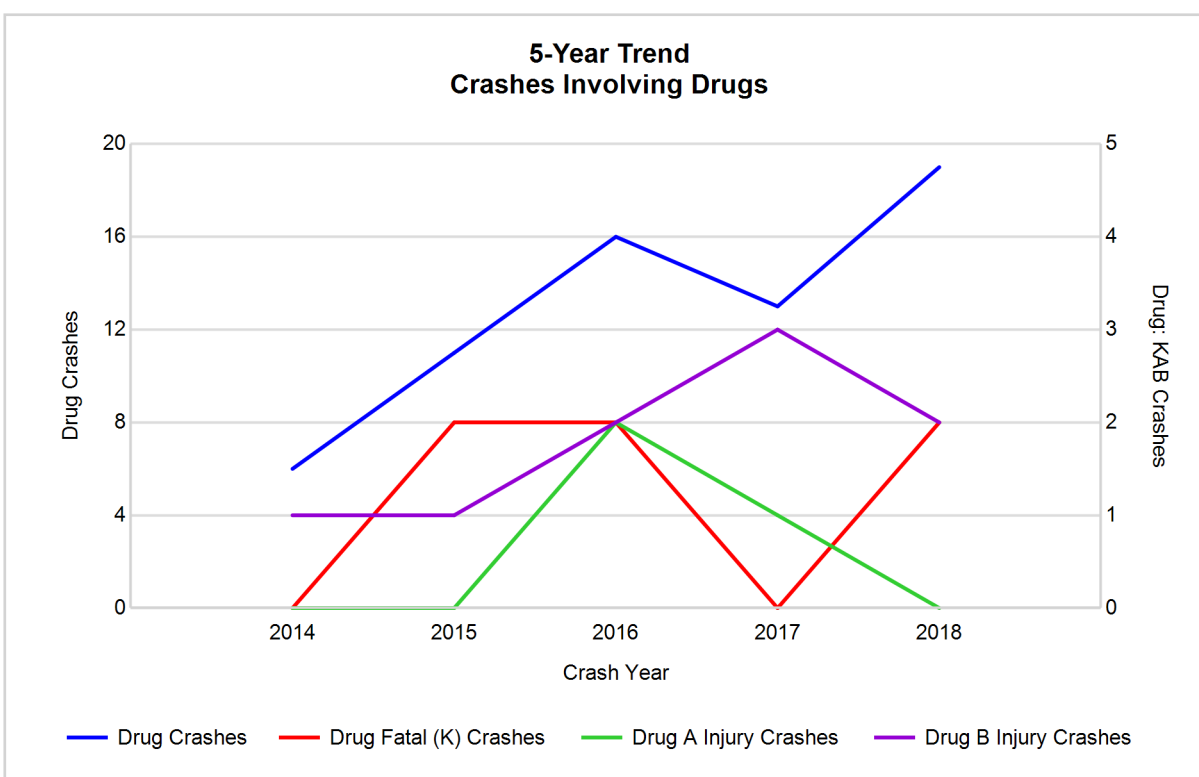
Clinton County (continued)

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
2014	2,250	68	3.0	9	1	11.1	29	1	3.4	108	14	13.0
2015	2,119	73	3.4	5	2	40.0	31	6	19.4	104	10	9.6
2016	2,158	64	3.0	12	5	41.7	43	5	11.6	122	13	10.7
2017	2,251	82	3.6	1	1	100.0	41	9	22.0	99	12	12.1
2018	2,487**	76	3.1	12	2	16.7	26*	5	19.2	101	8*	7.9*

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
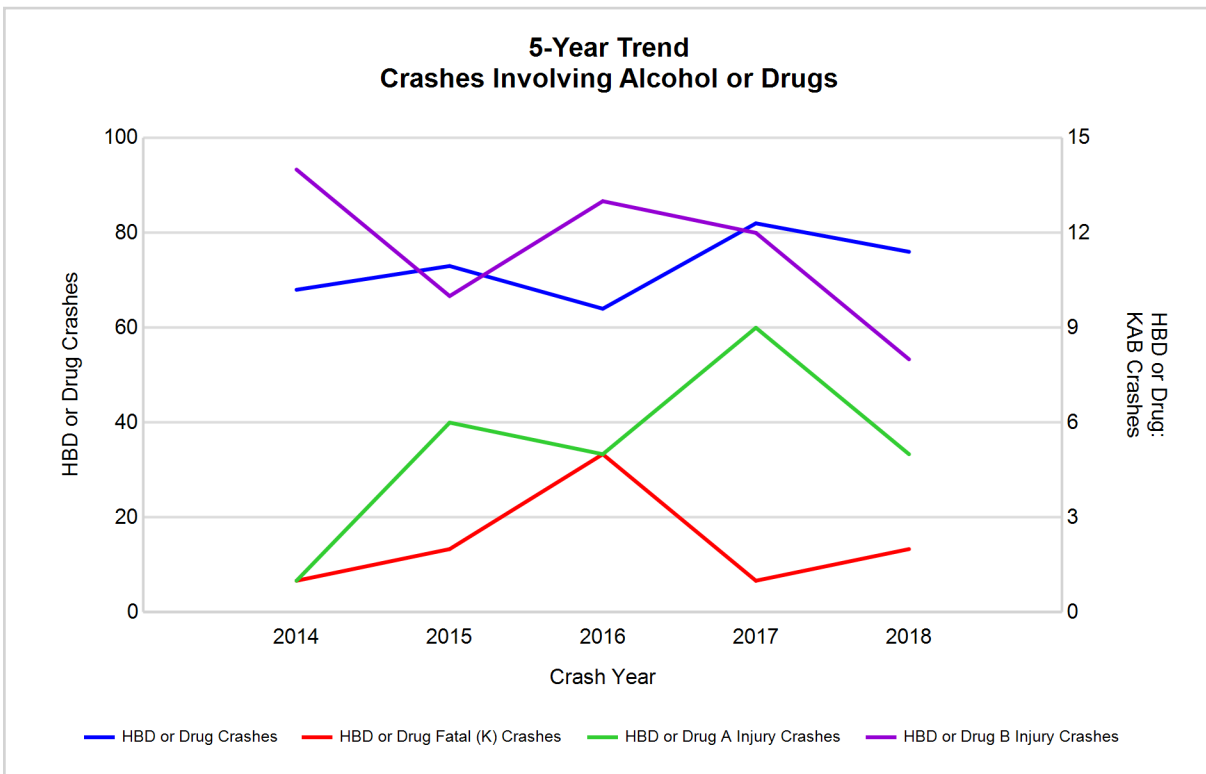

5-Year Trend
Crashes Involving Alcohol or Drugs

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	2,520	2,399	95.2	11	8	72.7	24	15	62.5	94	89	94.7	171	154	90.1	2,166	2,132	98.4
Motor home	45	43	95.6	0	0	0.0	0	0	0.0	3	2	66.7	5	5	100.0	36	36	100.0
Pickup truck	533	498	93.4	1	0	0.0	3	3	100.0	11	8	72.7	30	28	93.3	473	458	96.8
Small truck under 10,000 lbs. GVWR	26	26	100.0	0	0	0.0	0	0	0.0	2	2	100.0	1	1	100.0	23	23	100.0
Motorcycle	22	17	77.3	0	0	0.0	3	3	100.0	8	5	62.5	3	3	100.0	8	6	75.0
Moped / goped	3	0	0.0	0	0	0.0	1	0	0.0	1	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	2	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	1	0	0.0	0	0	0.0
Other	85	77	90.6	0	0	0.0	0	0	0.0	3	2	66.7	5	5	100.0	75	70	93.3
Truck/bus over 10,000 lbs.	119	113	95.0	0	0	0.0	0	0	0.0	3	3	100.0	4	4	100.0	109	106	97.2
Unknown	38	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	3	0	0.0
Total	**3,393**	**3,173**	**93.5**	**12**	**8**	**0.0**	**31**	**21**	**67.7**	**126**	**111**	**88.1**	**220**	**200**	**90.9**	**2,893**	**2,831**	**97.9**

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	26	20	76.9	0	0	0.0	1	1	100.0	7	5	71.4	14	10	71.4	4	4	100.0
16 - 20	430	417	97.0	4	2	50.0	5	3	60.0	16	16	100.0	43	40	93.0	361	356	98.6
21 - 24	333	317	95.2	2	2	100.0	3	1	33.3	18	15	83.3	21	19	90.5	289	280	96.9
25 - 64	2,143	2,079	97.0	5	4	80.0	19	14	73.7	65	56	86.2	117	108	92.3	1,933	1,896	98.1
65 +	349	340	97.4	1	0	0.0	3	2	66.7	20	19	95.0	25	23	92.0	299	295	98.7
Unknown	112	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	7	0	0.0
Total	**3,393**	**3,173**	**93.5**	**12**	**8**	**0.0**	**31**	**21**	**67.7**	**126**	**111**	**88.1**	**220**	**200**	**90.9**	**2,893**	**2,831**	**97.9**

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.

Clinton County (continued)

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	5	0	1	8	0	1	6	0	0	4	0	0	8	0	0
Shoulder belt only used	3	0	1	2	0	0	1	0	0	5	0	1	9	0	0
Lap belt only used	6	0	0	4	0	0	3	0	1	3	0	1	2	0	1
Both lap & shoulder belts used	2,784	2	270	2,617	0	240	2,712	3	274	2,820	0	244	3,079	8	254
No belts used	24	3	16	24	2	14	22	0	10	13	0	5	20	2	10
Child restraint used	0	0	0	0	0	0	0	0	0	2	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	1	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	46	1	11	41	1	9	39	1	7	101	0	12	152	0	10
Helmet worn	9	0	6	15	0	13	18	2	14	14	0	11	16	0	10
Helmet not worn	4	0	2	14	0	11	11	3	8	8	0	6	8	0	6
Helmet use unknown	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Uncoded & errors	98	0	0	78	0	0	81	0	1	59	0	0	11	0	0
Total	**2,979**	**6**	**307**	**2,806**	**3**	**288**	**2,893**	**9**	**315**	**3,029**	**0**	**280**	**3,305**	**10**	**291**

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	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Both lap & shoulder belts used	43	0	15	37	0	7	42	1	10	53	0	18	50	0	11
No belts used	5	0	4	5	0	3	1	0	1	4	0	3	5	0	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	16	1	7	14	0	4	5	0	1	18	0	6	12	0	4
Helmet worn	0	0	0	2	0	2	2	2	0	1	0	1	0	0	0
Helmet not worn	0	0	0	6	0	4	5	1	4	1	0	1	1	0	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	0	0	0
Total	**64**	**1**	**26**	**64**	**0**	**20**	**55**	**4**	**16**	**77**	**0**	**29**	**68**	**0**	**19**

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	1	0	1	0	0	0	0	0	0
16 - 20	6	0	5	3	0	2	5	0	4	1	0	0	1	0	0
21 - 24	4	0	2	9	0	6	1	0	0	3	0	1	6	0	3
25 - 64	15	2	8	17	2	7	14	0	4	10	0	4	15	1	4
65 +	4	1	2	1	0	0	6	0	1	3	0	0	6	1	3
Unknown	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0
Total	**29**	**3**	**17**	**32**	**2**	**15**	**28**	**0**	**10**	**17**	**0**	**5**	**28**	**2**	**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
2014	0	6	4	15	4	0	29
2015	0	3	9	17	1	2	32
2016	1	5	1	14	6	1	28
2017	0	1	3	10	3	0	17
2018	0	1	6	15	6	0	28
Average	0	3	5	14	4	1	27

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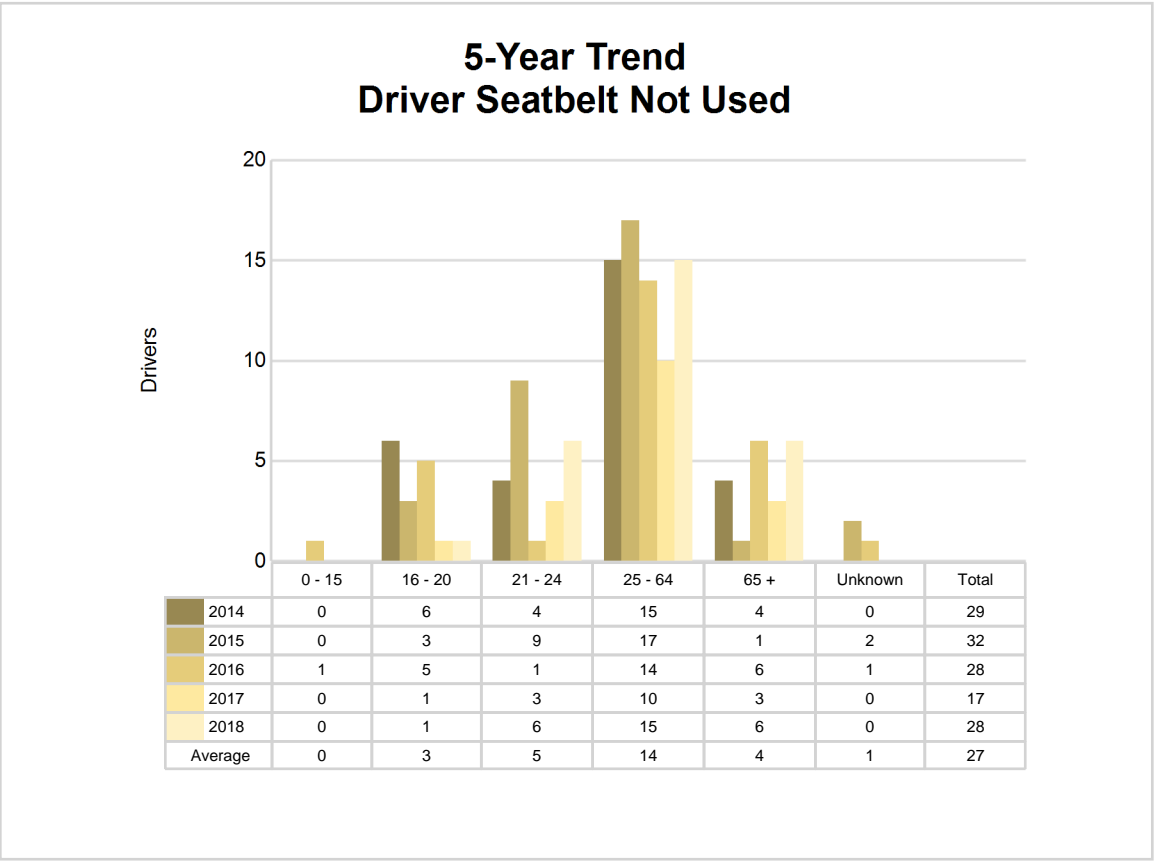
5-Year Trend - Seatbelt Used Among Drivers by Age

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	3	0	0	1	0	0	4	0	1	8	0	2	4	0	0
16 - 20	368	0	56	347	0	53	404	1	39	374	0	48	399	2	42
21 - 24	279	0	29	284	0	34	262	1	29	296	0	25	309	2	27
25 - 64	1,875	2	158	1,733	0	133	1,761	1	173	1,873	0	147	2,048	4	151
65 +	268	0	28	258	0	20	284	0	33	274	0	24	330	0	35
Unknown	0	0	0	1	0	0	1	0	0	3	0	0	0	0	0
Total	2,793	2	271	2,624	0	240	2,716	3	275	2,828	0	246	3,090	8	255

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
2014	3	368	279	1,875	268	0	2,793
2015	1	347	284	1,733	258	1	2,624
2016	4	404	262	1,761	284	1	2,716
2017	8	374	296	1,873	274	3	2,828
2018	4	399	309	2,048	330	0	3,090
Average	4	378	286	1,858	283	1	2,810

Clinton County (continued)
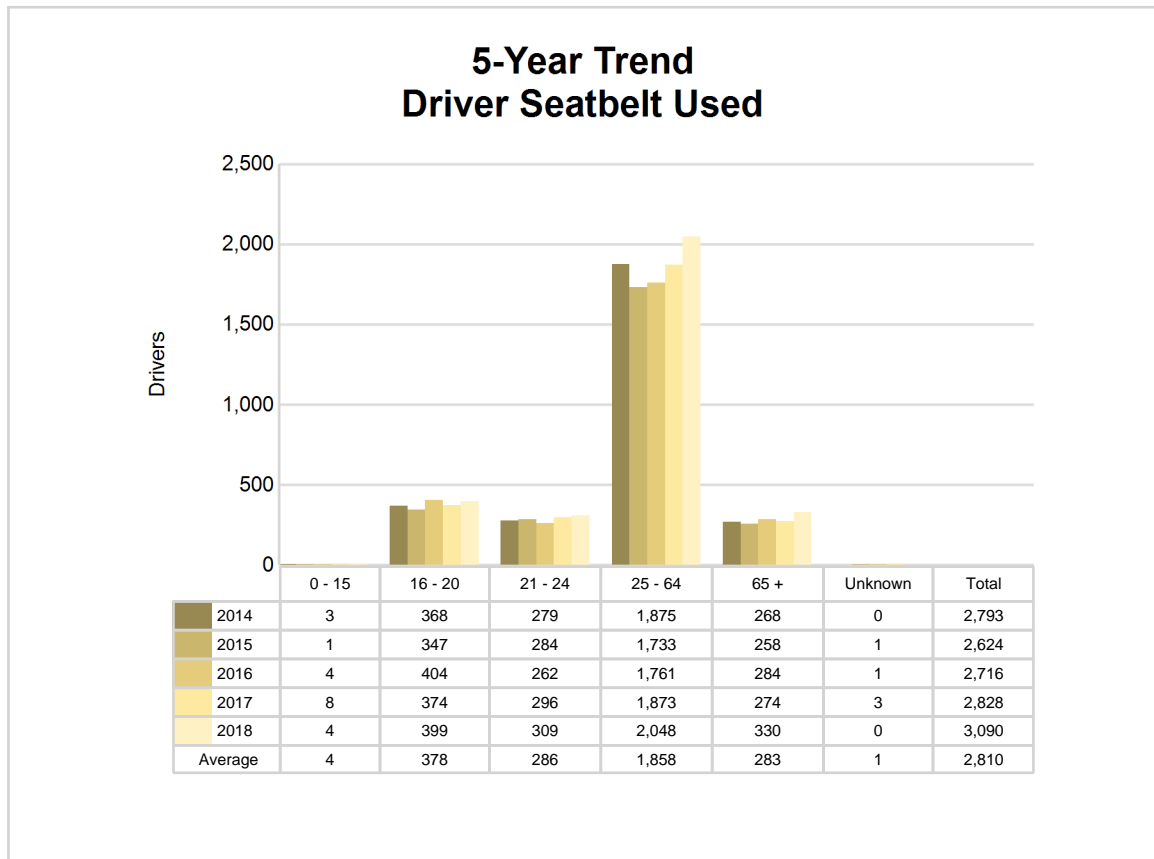
5-Year Trend - Drivers in Crashes by Hazardous Action

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	1,869	1	1,788	6	1,797	10	1,879	1	2,082	10
Speed too fast	309	3	259	1	265	1	290	0	327	4
Speed too slow	2	0	2	0	1	0	2	0	1	0
Failed to yield	197	0	195	2	233	4	233	0	216	0
Disregard traffic control	29	1	36	0	23	1	26	1	27	0
Drove wrong way	1	0	0	0	1	0	3	0	0	0
Drove left of center	6	0	7	0	14	1	14	0	12	0
Improper passing	13	0	9	0	10	0	9	0	13	0
Improper lane use	24	0	25	0	29	0	31	0	27	1
Improper turn	12	0	10	0	8	0	15	0	13	0
Improper/no signal	0	0	2	0	1	0	1	0	2	0
Improper backing	37	0	38	0	46	0	40	0	55	0
Unable to stop in assured clear distance	188	0	179	0	187	0	205	0	205	1
Other	74	0	60	0	63	0	75	0	93	2
Unknown	42	3	34	1	49	2	36	0	61	0
Reckless driving	12	0	17	0	19	0	22	0	9	0
Careless/negligent driving	147	2	132	0	133	2	124	0	154	3
Uncoded & errors	17	0	13	0	14	0	24	0	8	0
Total	**2,979**	**10**	**2,806**	**10**	**2,893**	**21**	**3,029**	**2**	**3,305**	**21**
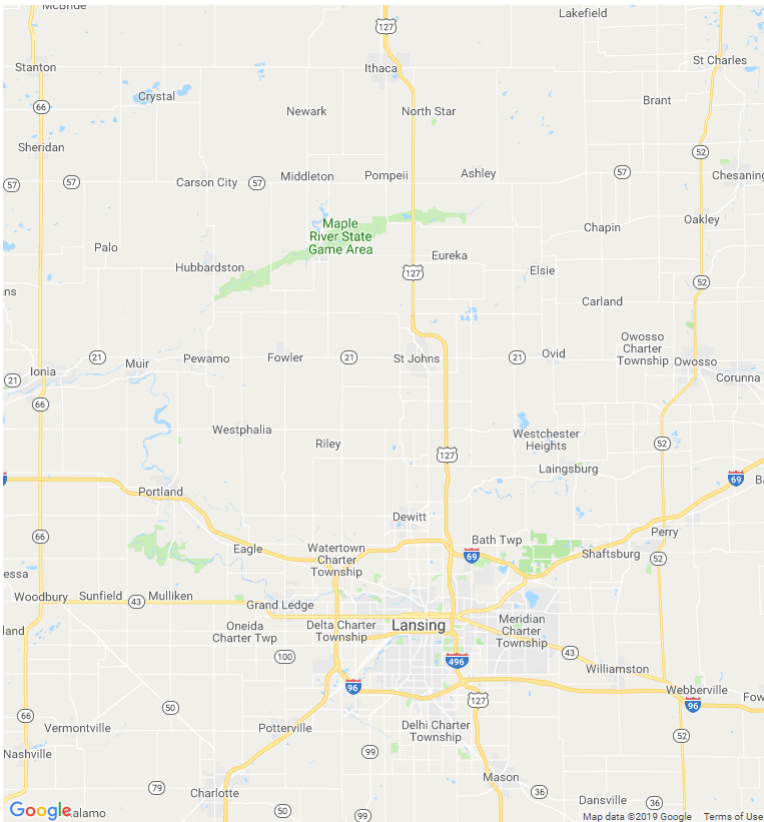
In 2018, there were no alcohol-involved fatal crashes in Clinton County.

In 2018, there were 68 alcohol-involved crashes in Clinton County:

0   K - Fatal Crashes

5   A - Suspected Serious Injury Crashes

8   B - Suspected Minor Injury Crashes

12   C - Possible Injury Crashes

43   O - Property Damage Only/No Injury Crashes

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