MICHIGAN

OHSP

Office of Highway Safety Planning

2016

MTCF
Michigan Traffic
Crash Facts

Michigan Traffic Crash Facts

Clinton County

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

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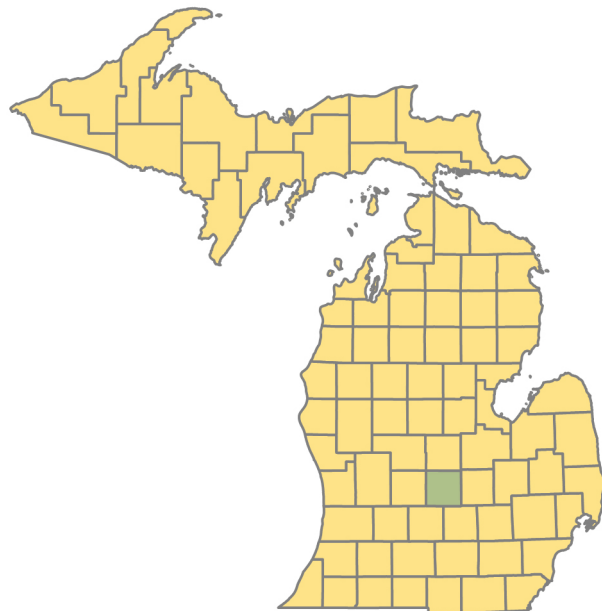
Sources:
The crashes in this report occurred on public roadways in Michigan and resulted in injuries, fatalities, or property damage (with $1,000 as a reporting threshold). The information was gathered from Michigan Traffic Crash Report Forms (UD-10) submitted by local police departments, sheriff's offices, and the Michigan State Police. Other related information was obtained from the departments of Transportation, State, and Community Health.

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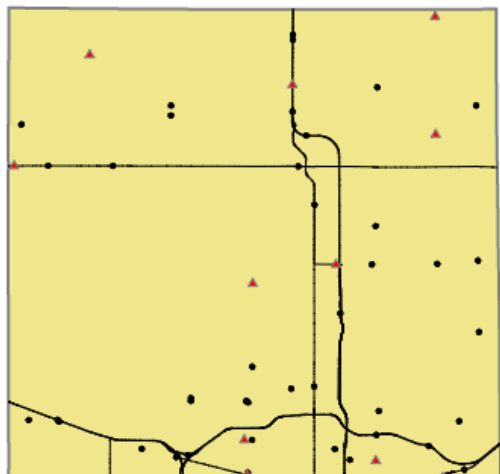
Crashes by most severe injury (mapped/actual)
▲ K - Fatal (12/12)
● A - Suspected Serious (43/43)

2016 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	222	0	28	194	0	43
February	165	0	28	137	0	36
March	148	0	22	126	0	25
April	120	0	19	101	0	24
May	173	0	32	141	0	59
June	176	2	23	151	2	35
July	110	2	11	97	2	19
August	145	2	26	117	3	37
September	144	3	14	127	3	25
October	256	1	33	222	1	45
November	279	1	33	245	1	45
December	220	1	25	194	1	33
Total	**2,158**	**12**	**294**	**1,852**	**13**	**426**

Clinton County

In 2016:

There were 2,893 drivers involved in 2,158 motor vehicle crashes in Clinton County. Of those crashes, 12 were classified as fatal, resulting in 13 fatalities. An additional 426 persons were injured.

Clinton County experienced the highest number of motor vehicle crashes (279) in November, the highest number of fatal crashes (3) in September, and the highest number of persons killed (3) in August and September.

Michigan driver statistics indicate 8.0 percent of licensed drivers in Clinton County were age 16-20, and 14.4 percent of drivers in crashes were also in that age group.

2016 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2016 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	15,375	583	5	3.3	85.8
16 - 20	4,837	4,752	418	864.2	879.6
21 - 24	3,964	4,572	269	678.6	588.4
25 - 64	41,081	38,182	1,822	443.5	477.2
65 +	12,631	11,582	295	233.6	254.7
Unknown	0	0	84	- -	- -
Total	**77,888**	**59,671**	**2,893**	**371.4**	**484.8**

2016 - Vehicles in Crashes

Vehicle Type	Motor Vehicles		Fatal Crashes		Injury Crashes	PDO Crashes
	Number of Vehicles	% of Total	Number	% of Total	Number	Number
Passenger car, SUV, van	2,102	72.7	11	52.4	324	1,767
Motor home	73	2.5	0	0.0	8	65
Pickup truck	514	17.8	1	4.8	80	433
Small truck under 10,000 lbs. GVWR	13	0.4	1	4.8	2	10
Motorcycle	26	0.9	6	28.6	18	2
Moped / goped	1	0.0	0	0.0	1	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	51	1.8	1	4.8	5	45
Truck/bus over 10,000 lbs.	94	3.2	1	4.8	23	70
Unknown	18	0.6	0	0.0	2	16
Total	**2,893**	**100.0**	**21**	**100.0**	**464**	**2,408**

5-Year Trend - Crashes by Month

Month	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	239	0	215	1	277	1	216	0	222	0
February	169	0	191	0	186	0	162	0	165	0
March	121	1	152	0	167	2	117	0	148	0
April	107	1	122	0	121	1	120	0	120	0
May	150	1	140	0	137	0	156	1	173	0
June	146	0	141	0	164	0	161	2	176	2
July	111	0	114	0	134	0	145	1	110	2
August	128	1	124	1	122	0	124	0	145	2
September	141	2	145	0	127	2	151	0	144	3
October	246	1	254	1	298	0	275	1	256	1
November	318 †	0	312 †	1	322 †	0	322 †	0	279 †	1
December	197	1	264	1	195	3	170	0	220	1
Total	**2,073**	**8**	**2,174**	**5**	**2,250**	**9**	**2,119**	**5**	**2,158**	**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	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	290	0	310	0	301	2	292	1	291	1
Tuesday	271	2	306	1	335	3	291	0	327	2
Wednesday	293	0	297	1	355	1	323	0	366	2
Thursday	277	2	317	1	334	1	263	1	338	2
Friday	363	0	322	0	363	1	362	1	333	1
Saturday	320	2	332	2	275	1	332	0	265	3
Sunday	259	2	290	0	287	0	256	2	238	1
Total	**2,073**	**8**	**2,174**	**5**	**2,250**	**9**	**2,119**	**5**	**2,158**	**12**

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

2016 Crashes by Month
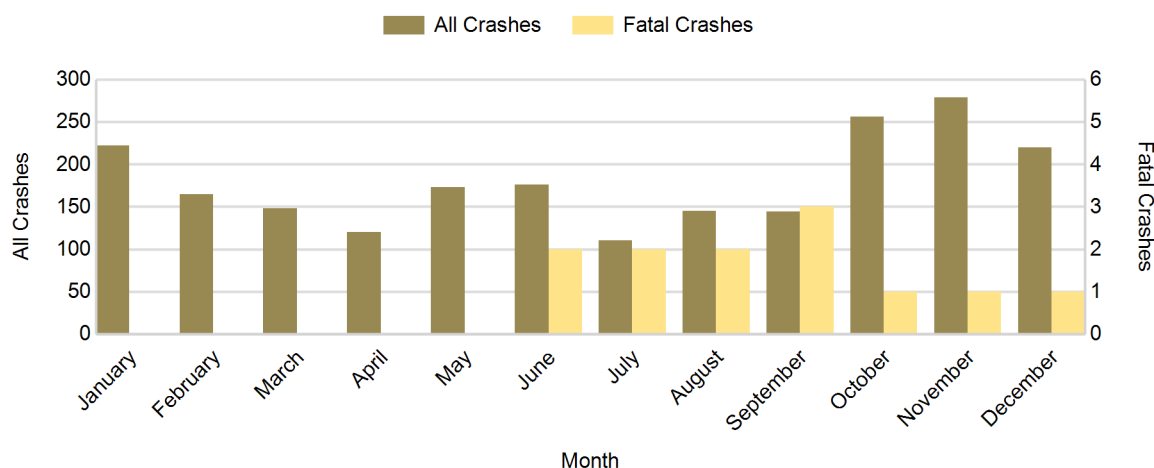
2016 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	291	13.5	1	8.3	7	18	14	251
Tuesday	327	15.2	2	16.7	9	18	22	276
Wednesday	366	17.0	2	16.7	6	20	21	317
Thursday	338	15.7	2	16.7	5	14	22	295
Friday	333	15.4	1	8.3	9	18	23	282
Saturday	265	12.3	3	25.0	3	15	13	231
Sunday	238	11.0	1	8.3	4	19	14	200
Total	2,158	100.0	12	100.0	43	122	129	1,852

2016 Day of Week and Severity

Clinton County (continued)
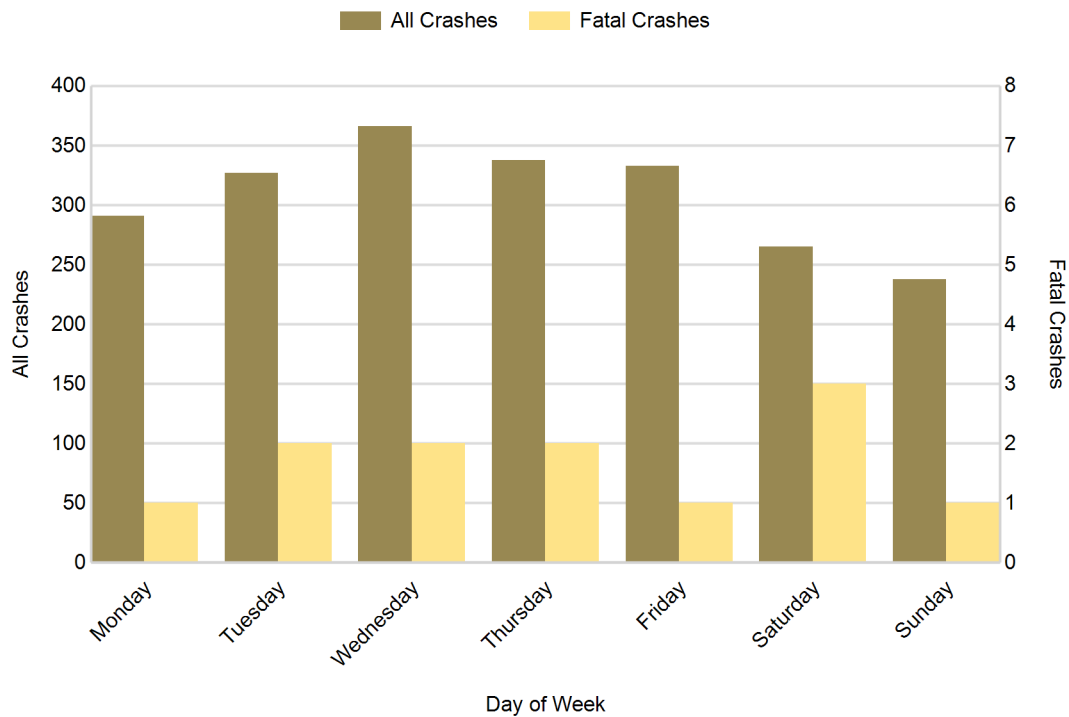
5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	1,494	4	1,552	3	1,688	8	1,531	3	1,655	8
Weekend	579	4	622	2	562	1	588	2	503	4
Total	**2,073**	**8**	**2,174**	**5**	**2,250**	**9**	**2,119**	**5**	**2,158**	**12**

5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)
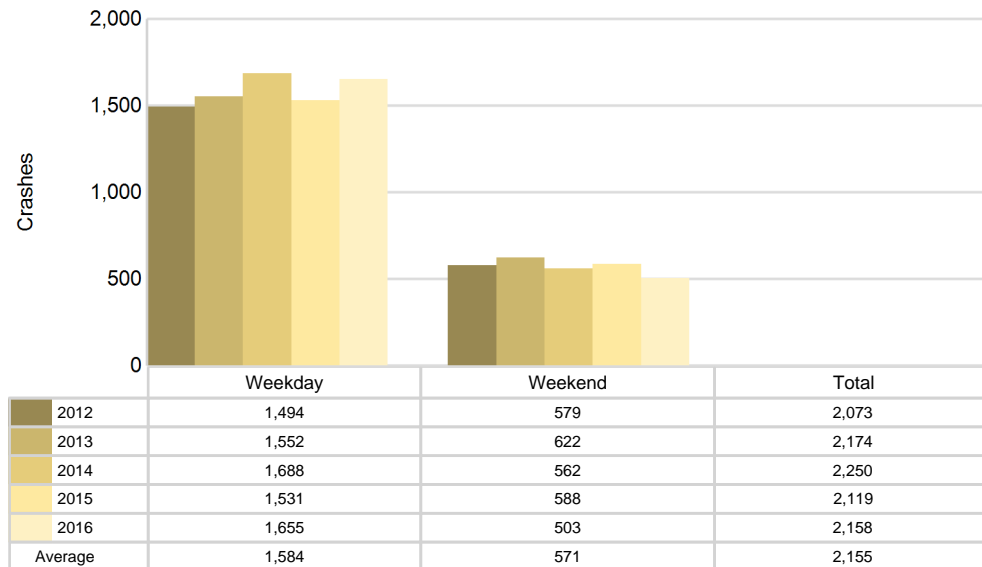
	Weekday	Weekend	Total
2012	1,494	579	2,073
2013	1,552	622	2,174
2014	1,688	562	2,250
2015	1,531	588	2,119
2016	1,655	503	2,158
Average	1,584	571	2,155

Clinton County (continued)

5-Year Trend - Crashes by Time of Day

Time of Day	2012 Total Crashes	2012 Fatal Crashes	2013 Total Crashes	2013 Fatal Crashes	2014 Total Crashes	2014 Fatal Crashes	2015 Total Crashes	2015 Fatal Crashes	2016 Total Crashes	2016 Fatal Crashes
Midnight - 2:59 AM	131	1	137	0	107	1	109	0	118	1
3:00 AM - 5:59 AM	145	0	140	0	157	0	163	0	162	1
6:00 AM - 8:59 AM	364	0	401	1	412	1	366	1	415	3
9:00 AM - 11:59 AM	208	1	212	0	264	2	188	0	200	0
Noon - 2:59 PM	207	2	197	1	238	0	222	0	261	2
3:00 PM - 5:59 PM	341	1	332	0	339	1	360	2	358	4
6:00 PM - 8:59 PM	403	2	436	3	431	4	413	0	383	1
9:00 PM - 11:59 PM	272	1	315	0	302	0	297	2	259	0
Unknown	2	0	4	0	0	0	1	0	2	0
Total	**2,073**	**8**	**2,174**	**5**	**2,250**	**9**	**2,119**	**5**	**2,158**	**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
2012	131	145	364	208	207	341	403	272	2	2,073
2013	137	140	401	212	197	332	436	315	4	2,174
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
Average	120	153	392	214	225	346	413	289	2	2,155

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
2012	1	0	0	1	2	1	2	1	0	8
2013	0	0	1	0	1	0	3	0	0	5
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
Average	1	0	1	1	1	2	2	1	0	8

2016 - Time and Severity

Time of Day		All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
		Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight	- 2:59 AM	118	5.5	1	8.3	0	9	6	102
3:00 AM	- 5:59 AM	162	7.5	1	8.3	1	9	5	146
6:00 AM	- 8:59 AM	415	19.2	3	25.0	4	24	20	364
9:00 AM	- 11:59 AM	200	9.3	0	0.0	7	15	23	155
Noon	- 2:59 PM	261	12.1	2	16.7	11	18	18	212
3:00 PM	- 5:59 PM	358	16.6	4	33.3	11	27	32	284
6:00 PM	- 8:59 PM	383	17.7	1	8.3	5	12	18	347
9:00 PM	- 11:59 PM	259	12.0	0	0.0	4	8	7	240
Unknown		2	0.1	0	0.0	0	0	0	2
Total		**2,158**	**100.0**	**12**	**100.0**	**43**	**122**	**129**	**1,852**

2016 Time and Severity

Clinton County (continued)
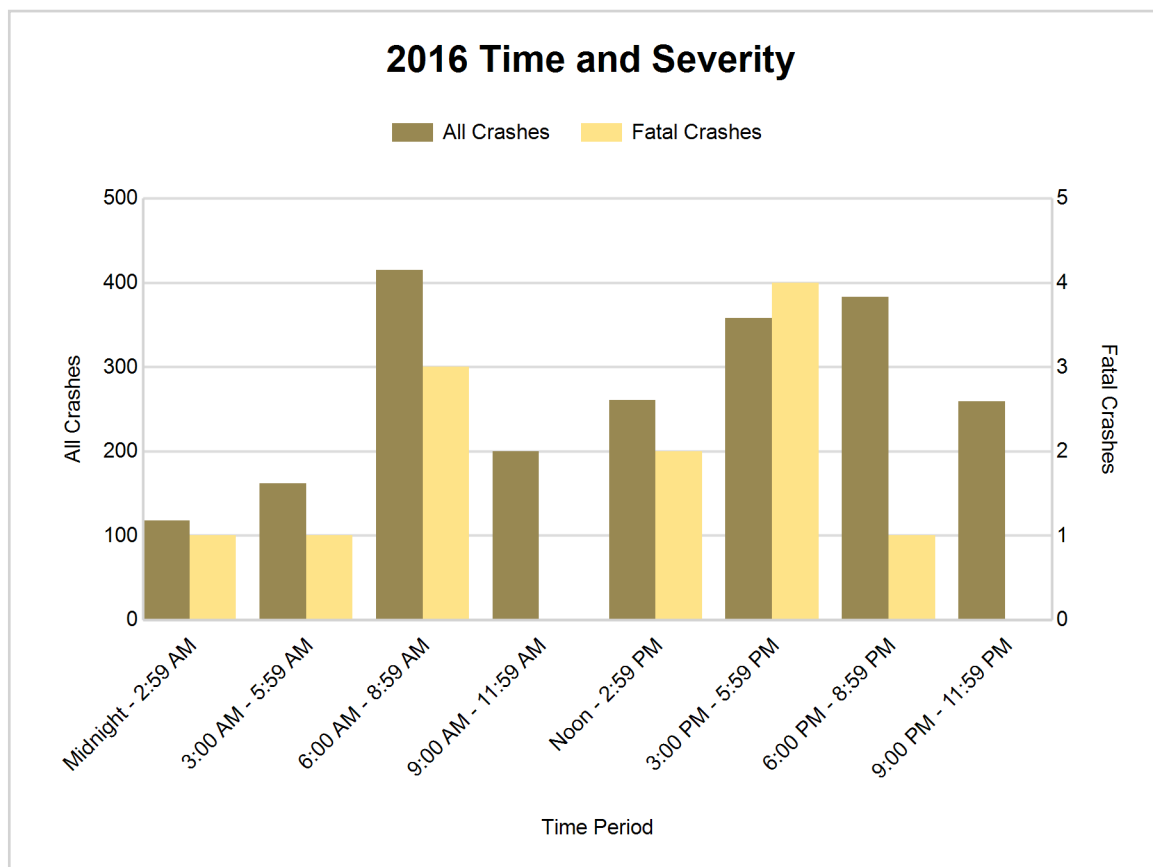
5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	89	0	80	0	68	0	57	0	66	0
3:00 AM - 5:59 AM	97	0	104	0	109	0	115	0	111	0
6:00 AM - 8:59 AM	227	0	208	0	214	0	191	0	220	0
9:00 AM - 11:59 AM	47	0	46	0	50	0	28	0	26	0
Noon - 2:59 PM	33	0	41	0	26	0	28	0	32	0
3:00 PM - 5:59 PM	86	0	96	0	73	0	57	0	64	0
6:00 PM - 8:59 PM	271 †	0	272 †	0	274 †	0	264 †	0	224 †	1
9:00 PM - 11:59 PM	182	0	208	0	201	0	218	0	175	0
Unknown	0	0	1	0	0	0	1	0	0	0
Total	**1,032**	**0**	**1,056**	**0**	**1,015**	**0**	**959**	**0**	**918**	**1**

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
2012	89	97	227	47	33	86	271	182	0	1,032
2013	80	104	208	46	41	96	272	208	1	1,056
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
Average	72	107	212	39	32	75	261	197	0	996

2016 Time and Severity of Deer-Involved Crashes

Clinton County (continued)
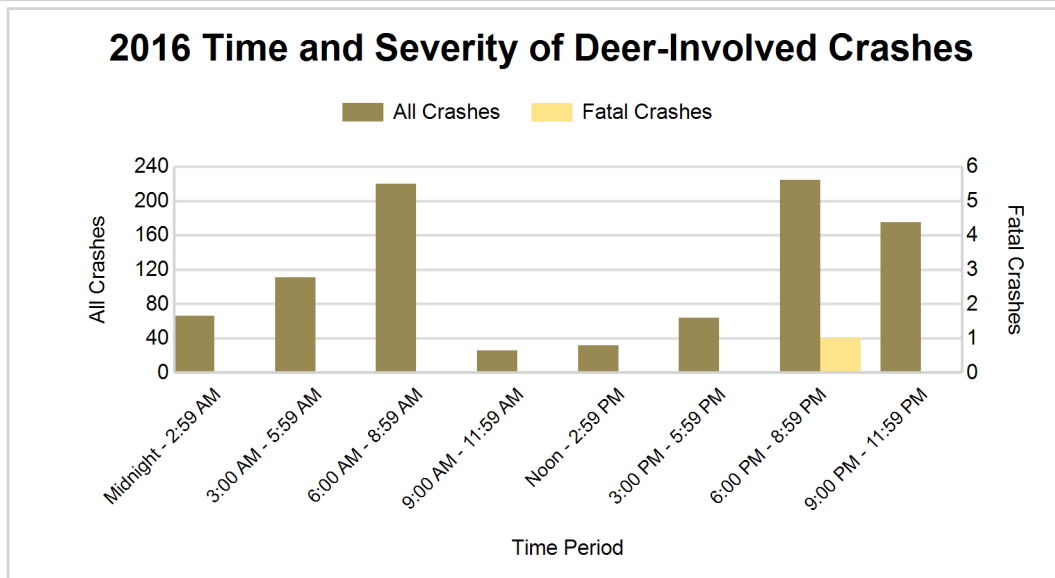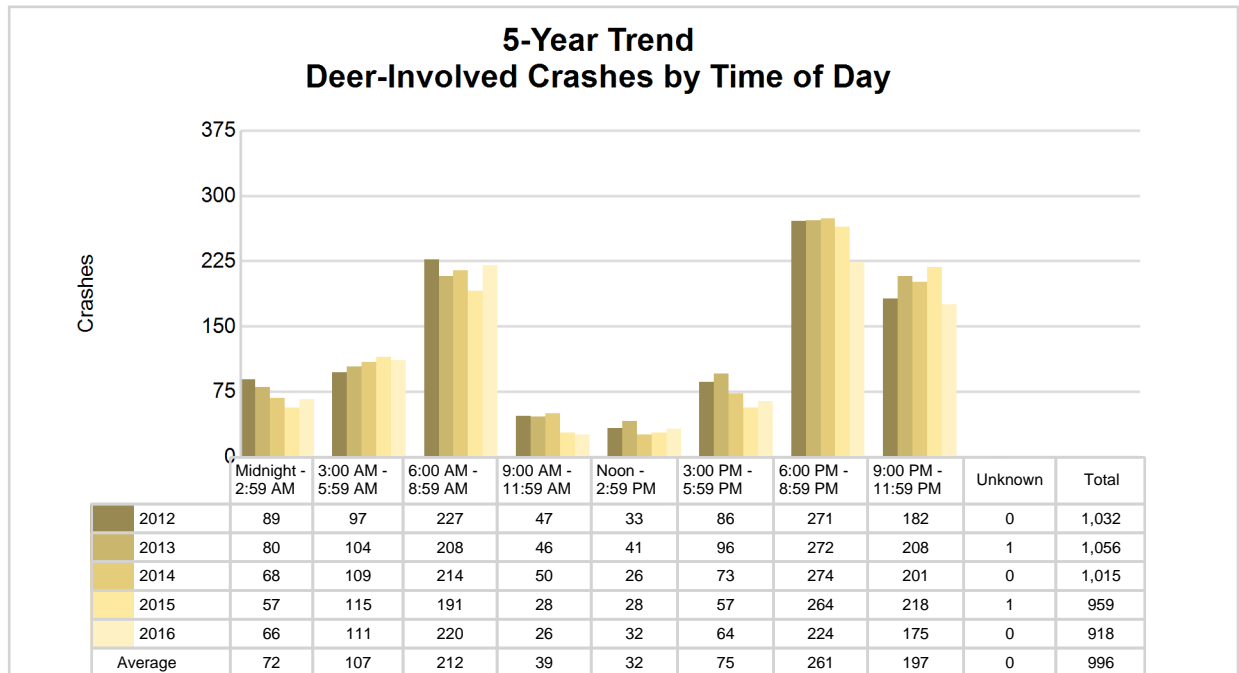
2016 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Bath Twp.	160	2	28	130	83	0	12	65	3	2	9	2	46
Bengal Twp.	30	0	4	26	0	0	11	19	3	0	11	0	4
Bingham Twp.	135	0	15	120	0	78	15	42	3	0	65	0	21
Dallas Twp.	51	1	3	47	0	0	18	33	2	0	32	1	5
DeWitt	38	0	5	33	0	0	0	38	2	0	3	0	5
DeWitt Twp.	361	1	40	320	110	48	70	133	4	2	103	1	50
Duplain Twp.	78	1	16	61	0	0	0	78	2	0	41	1	21
Eagle	1	0	0	1	0	0	0	1	0	0	0	0	0
Eagle Twp.	135	0	15	120	52	0	12	71	3	2	53	0	16
East Lansing	20	0	7	13	0	0	0	20	2	0	4	0	11
Elsie	2	0	0	2	0	0	0	2	0	0	0	0	0
Essex Twp.	68	0	5	63	0	0	0	68	1	1	48	0	13
Fowler	18	0	4	14	0	0	13	5	0	0	2	0	13
Grand Ledge	1	0	0	1	0	0	1	0	0	0	1	0	0
Greenbush Twp.	138	1	14	123	0	63	2	73	4	0	87	2	18
Hubbardston	0	0	0	0	0	0	0	0	0	0	0	0	0
Lebanon Twp.	26	1	5	20	0	0	0	26	0	1	13	1	9
Maple Rapids	7	0	1	6	0	0	0	7	0	0	4	0	3
Olive Twp.	182	1	27	154	0	80	40	62	3	2	117	1	36
Ovid	11	0	4	7	0	0	2	9	2	0	0	0	4
Ovid Twp.	83	1	15	67	0	0	23	60	2	0	39	1	27
Riley Twp.	73	1	8	64	0	0	0	73	0	0	55	1	13
St. Johns	104	0	12	92	0	35	19	49	2	1	7	0	16
Victor Twp.	125	0	12	113	0	0	0	125	1	0	84	0	16
Watertown Twp.	248	2	46	200	113	0	0	135	12	5	106	2	71
Westphalia	1	0	1	0	0	0	0	1	0	0	0	0	1
Westphalia Twp.	45	0	5	40	0	0	0	45	3	0	26	0	5
Unknown Community	17	0	2	15	1	0	0	16	0	0	8	0	2
Total	**2,158**	**12**	**294**	**1,852**	**359**	**304**	**238**	**1,256**	**54**	**16**	**918**	**13**	**426**

Clinton County (continued)

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

Driver Age	2012		2013		2014		2015		2016	
	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking
0 - 15	4	0	7	0	3	0	1	0	5	0
16 - 20	401	9	381	5	383	8	360	5	418	3
21 - 24	240	8	261	19	290	12	304	19	269	12
25 - 64	1,696	34	1,757	41	1,928	42	1,799	40	1,822	35
65 +	254	1	258	3	273	2	262	0	295	5
Unknown	82	0	87	0	102	0	80	0	84	0
Total	**2,677**	**52**	**2,751**	**68**	**2,979**	**64**	**2,806**	**64**	**2,893**	**55**

5-Year Trend
Total Drivers in Crashes by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2012	4	401	240	1,696	254	82	2,677
2013	7	381	261	1,757	258	87	2,751
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
Average	4	389	273	1,800	268	87	2,821

5-Year Trend
Total Drivers Coded Drinking by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2012	0	9	8	34	1	0	52
2013	0	5	19	41	3	0	68
2014	0	8	12	42	2	0	64
2015	0	5	19	40	0	0	64
2016	0	3	12	35	5	0	55
Average	0	6	14	38	2	0	61
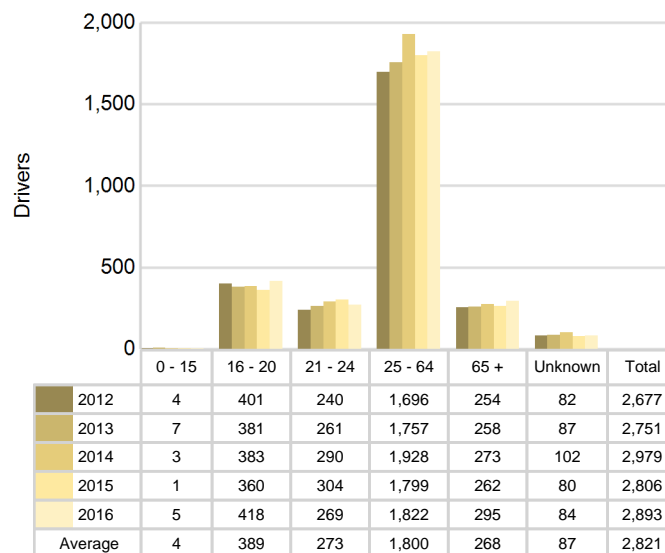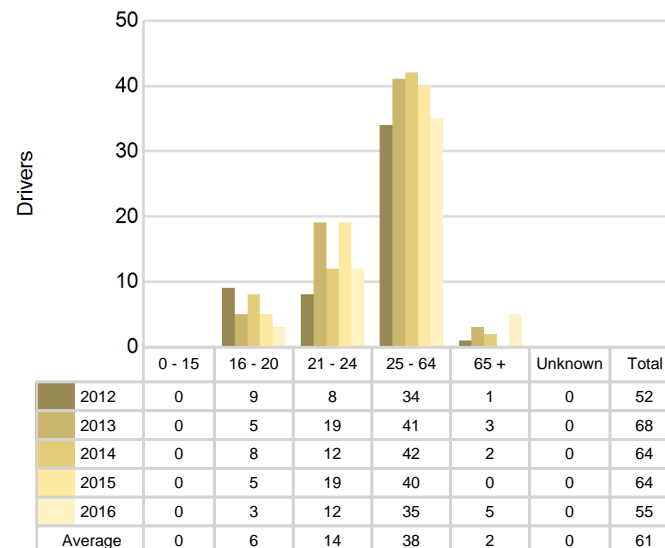
2016 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

Age Group	Drivers				BAC Result Range for Drivers Coded Drinking				
	Total Drivers in Alcohol-Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	BAC 0.01 g/dL to 0.07 g/dL	BAC 0.08 g/dL to 0.16 g/dL	BAC 0.17 g/dL and Above	BAC Not Reported
0 - 15	0	0	0	0	0	0	0	0	0
16 - 20	4	4	2	3	1	1	0	0	1
21 - 24	13	15	11	12	0	2	6	1	3
25 - 64	46	47	29	35	2	5	5	11	12
65 +	5	7	5	5	0	1	2	0	2
Unknown	4	0	0	0	0	0	0	0	0
Total	**72**	**73**	**47**	**55**	**3**	**9**	**13**	**12**	**18**

Notes: BAC measured in grams (g) per deciliter (dL).
　　　BAC may not be reported if drivers are not tested or if the results are not available immediately (as in the case of a blood test).
　　　A driver may be coded by the officer as drinking even though no test is administered.

Alcohol-Involved Crashes

In 2016, there were 72 drivers in alcohol-involved crashes; 55 (76.4%) of those drivers were coded as had-been-drinking by the officer on the crash form.

- 25 (45.5%) of the 55 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 12 (48.0%) of the 25 drivers had a BAC at or above 0.17 g/dL.

- 47 (85.5%) of the 55 drivers were coded as had-been-drinking and were tested for alcohol consumption.

5-Year Trend - Crashes Involving Alcohol

Year	All Crashes	HBD Crashes	% HBD	Fatal Crashes	HBD Fatal Crashes	% HBD	A Injury Crashes	HBD A Injury Crashes	% HBD	B Injury Crashes	HBD B Injury Crashes	% HBD
2012	2,073	53	2.6	8	1	12.5	39	6	15.4	86	13	15.1
2013	2,174	67	3.1	5	1	20.0	40	9	22.5	102	14	13.7
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

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)

Clinton County (continued)
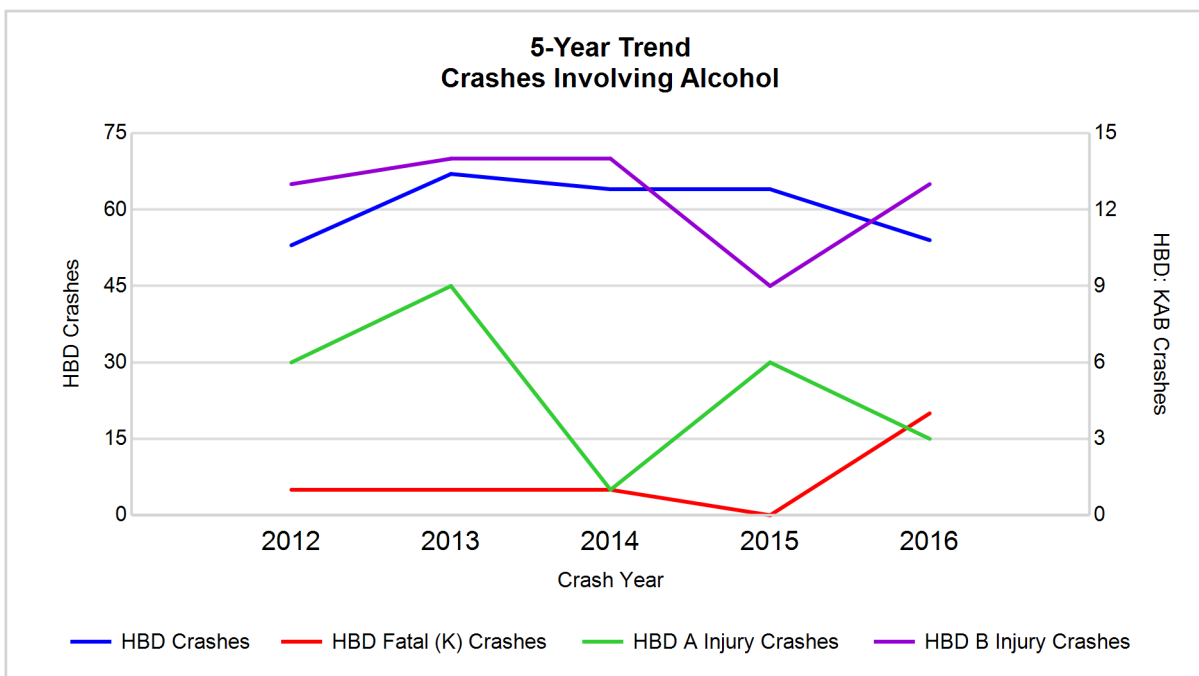
5-Year Trend - Crashes Involving Drugs

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
2012	2,073	5	0.2	8	1	12.5	39	0	0.0	86	2	2.3
2013	2,174	5	0.2	5	1	20.0	40	0	0.0	102	1	1.0
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

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
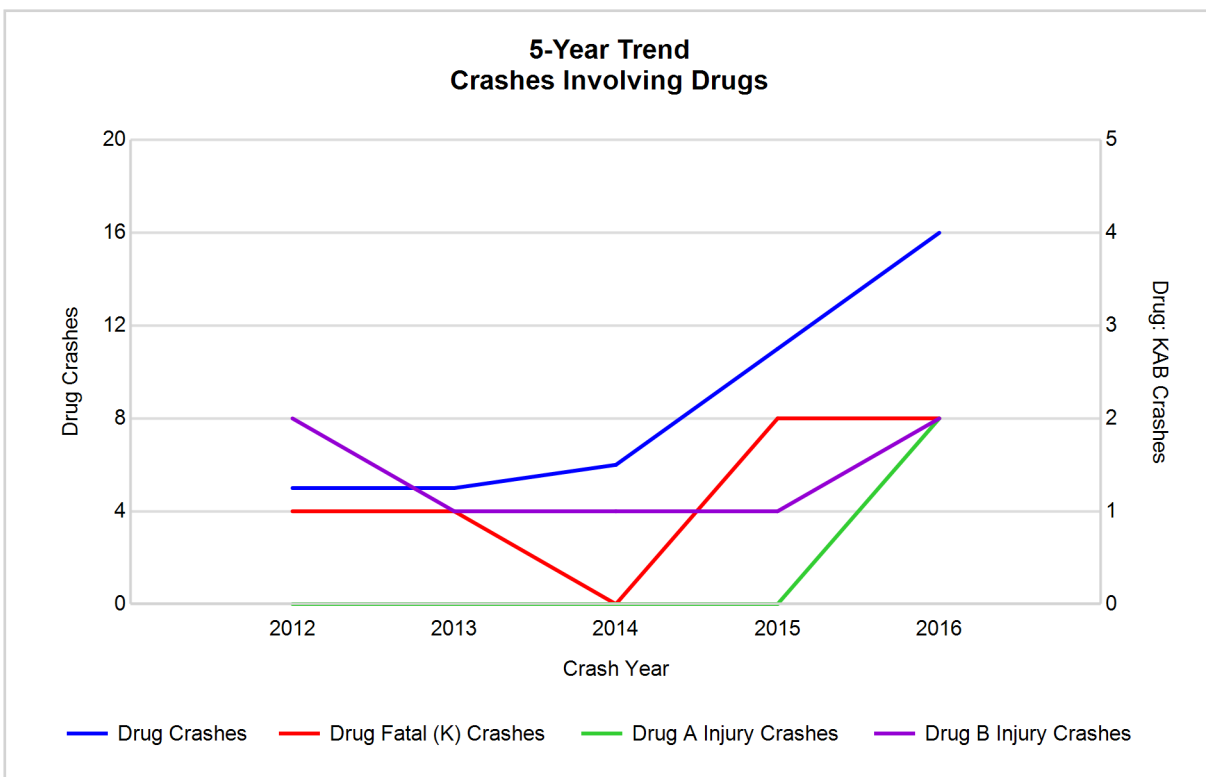

**5-Year Trend
Crashes Involving Drugs**

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
2012	2,073	55	2.7	8	2	25.0	39	6	15.4	86	13	15.1
2013	2,174	71	3.3	5	2	40.0	40	9	22.5	102	15	14.7
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

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
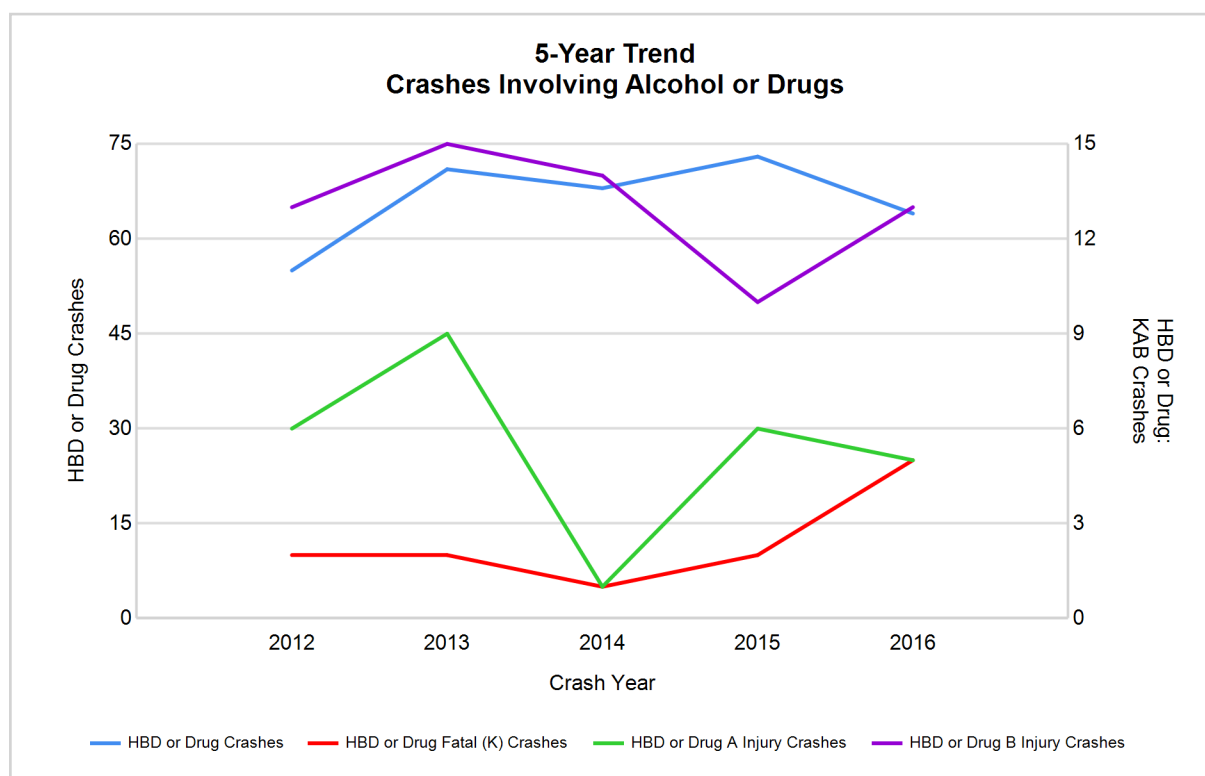

Note: Had-Been-Drinking (HBD)

Clinton County (continued)

2016 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Vehicle Type

Vehicle Type	Total Occupants			Fatalities			A - Suspected Serious			B - Suspected Minor			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
Passenger car, SUV, van	2,185	2,086	95.5	5	3	60.0	36	34	94.4	118	103	87.3	159	154	96.9	1,812	1,786	98.6
Motor home	76	74	97.4	0	0	0.0	0	0	0.0	6	6	100.0	3	2	66.7	66	66	100.0
Pickup truck	523	489	93.5	0	0	0.0	6	2	33.3	26	26	100.0	25	23	92.0	447	437	97.8
Small truck under 10,000 lbs. GVWR	14	12	85.7	2	2	100.0	0	0	0.0	2	1	50.0	0	0	0.0	9	9	100.0
Motorcycle	27	17	63.0	5	2	40.0	9	5	55.6	10	7	70.0	1	1	100.0	2	2	100.0
Moped / goped	1	1	100.0	0	0	0.0	0	0	0.0	1	1	100.0	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	1	1	100.0	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0
Other	53	48	90.6	0	0	0.0	1	0	0.0	3	3	100.0	1	1	100.0	48	44	91.7
Truck/bus over 10,000 lbs.	104	92	88.5	0	0	0.0	0	0	0.0	1	1	100.0	12	3	25.0	89	88	98.9
Unknown	18	1	5.6	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	1	50.0
Total	**3,002**	**2,821**	**94.0**	**12**	**7**	**0.0**	**52**	**41**	**78.8**	**168**	**149**	**88.7**	**201**	**184**	**91.5**	**2,475**	**2,433**	**98.3**

Note: Restraint Use includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, child restraint used, restraint failure, and helmet worn.

2016 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Age

Age Group	Total Occupants			Fatalities			A - Suspected Serious			B - Suspected Minor			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
0 - 15	48	36	75.0	2	1	50.0	2	2	100.0	13	12	92.3	28	18	64.3	3	3	100.0
16 - 20	439	424	96.6	1	1	100.0	7	6	85.7	33	25	75.8	30	27	90.0	366	363	99.2
21 - 24	274	268	97.8	1	1	100.0	5	4	80.0	16	16	100.0	16	15	93.8	235	232	98.7
25 - 64	1,855	1,800	97.0	6	2	33.3	28	22	78.6	93	83	89.2	108	105	97.2	1,609	1,584	98.4
65 +	301	292	97.0	2	2	100.0	9	7	77.8	13	13	100.0	19	19	100.0	257	250	97.3
Unknown	85	1	1.2	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0	5	1	20.0
Total	**3,002**	**2,821**	**94.0**	**12**	**7**	**0.0**	**52**	**41**	**78.8**	**168**	**149**	**88.7**	**201**	**184**	**91.5**	**2,475**	**2,433**	**98.3**

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	2012			2013			2014			2015			2016		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	7	0	2	5	0	1	5	0	1	8	0	1	6	0	0
Shoulder belt only used	0	0	0	4	0	0	3	0	1	2	0	0	1	0	0
Lap belt only used	4	0	1	3	0	2	6	0	0	4	0	0	3	0	1
Both lap & shoulder belts used	2,496	4	194	2,551	0	231	2,784	2	270	2,617	0	240	2,712	3	274
No belts used	20	2	10	27	3	15	24	3	16	24	2	14	22	0	10
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	1	0	0	0	0	0	1	0	0	0	0	0
Restraint use unknown	42	1	7	57	1	12	46	1	11	41	1	9	39	1	7
Helmet worn	17	2	12	17	0	15	9	0	6	15	0	13	18	2	14
Helmet not worn	10	0	5	7	0	7	4	0	2	14	0	11	11	3	8
Helmet use unknown	1	0	0	1	0	0	0	0	0	2	0	0	0	0	0
Uncoded & errors	80	0	0	78	0	0	98	0	0	78	0	0	81	0	1
Total	**2,677**	**9**	**231**	**2,751**	**4**	**283**	**2,979**	**6**	**307**	**2,806**	**3**	**288**	**2,893**	**9**	**315**

5-Year Trend - Restraint Use Among Drivers Coded Drinking

Restraint Use	2012			2013			2014			2015			2016		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	0	0	0	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	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Both lap & shoulder belts used	34	1	9	45	0	14	43	0	15	37	0	7	42	1	10
No belts used	4	0	2	12	1	8	5	0	4	5	0	3	1	0	1
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	0	2	10	0	4	16	1	7	14	0	4	5	0	1
Helmet worn	2	0	2	0	0	0	0	0	0	2	0	2	2	2	0
Helmet not worn	2	0	1	1	0	1	0	0	0	6	0	4	5	1	4
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	**52**	**1**	**17**	**68**	**1**	**27**	**64**	**1**	**26**	**64**	**0**	**20**	**55**	**4**	**16**

Clinton County (continued)

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

Age Group	2012			2013			2014			2015			2016		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
16 - 20	8	0	4	3	1	0	6	0	5	3	0	2	5	0	4
21 - 24	1	0	1	5	0	3	4	0	2	9	0	6	1	0	0
25 - 64	13	2	6	22	1	13	15	2	8	17	2	7	14	0	4
65 +	4	0	1	2	1	0	4	1	2	1	0	0	6	0	1
Unknown	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0
Total	**27**	**2**	**12**	**32**	**3**	**16**	**29**	**3**	**17**	**32**	**2**	**15**	**28**	**0**	**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
2012	1	8	1	13	4	0	27
2013	0	3	5	22	2	0	32
2014	0	6	4	15	4	0	29
2015	0	3	9	17	1	2	32
2016	1	5	1	14	6	1	28
Average	0	5	4	16	3	1	30

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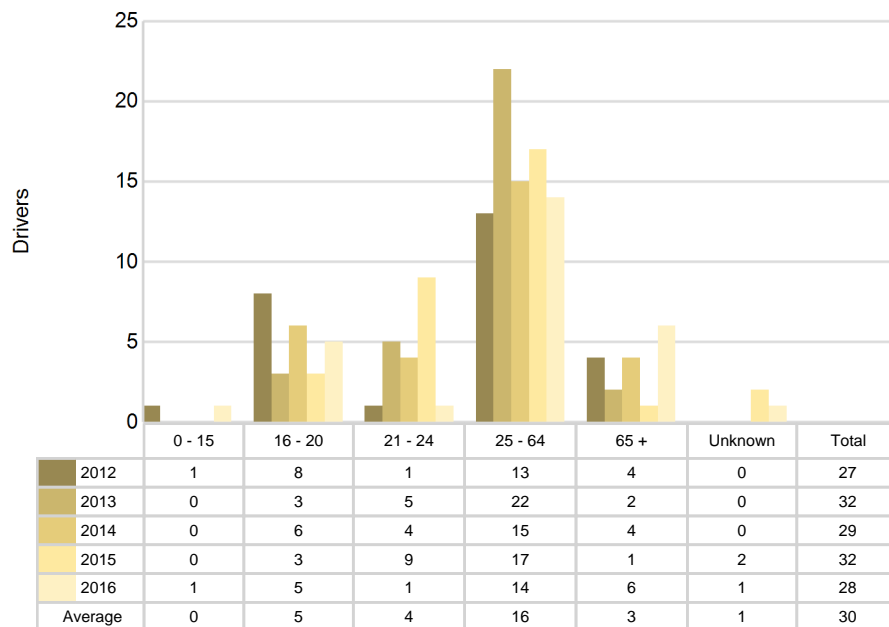
5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2012			2013			2014			2015			2016		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	1	0	0	6	0	1	3	0	0	1	0	0	4	0	1
16 - 20	385	0	44	365	0	45	368	0	56	347	0	53	404	1	39
21 - 24	234	0	24	241	0	21	279	0	29	284	0	34	262	1	29
25 - 64	1,634	2	106	1,694	0	142	1,875	2	158	1,733	0	133	1,761	1	173
65 +	246	2	21	252	0	24	268	0	28	258	0	20	284	0	33
Unknown	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0
Total	2,500	4	195	2,559	0	233	2,793	2	271	2,624	0	240	2,716	3	275

Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.

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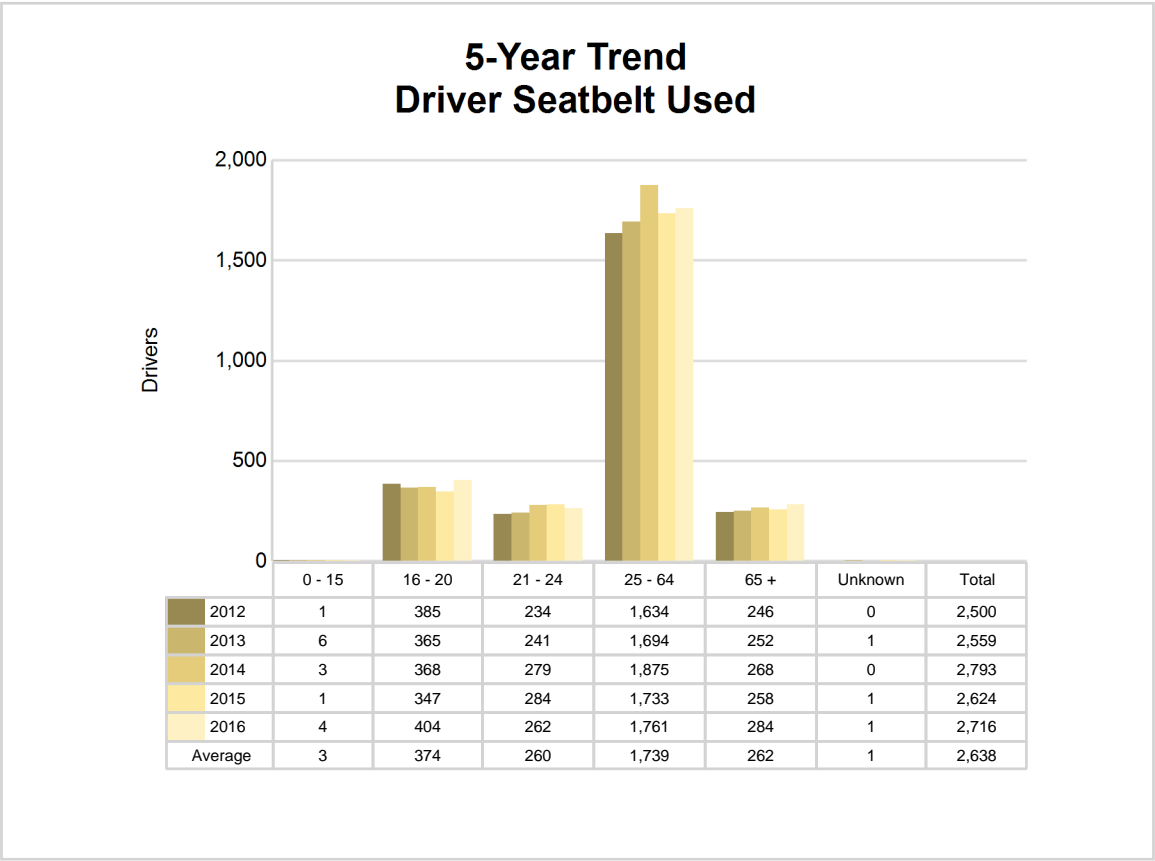
5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2012		2013		2014		2015		2016	
	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes
None	1,748	5	1,754	4	1,869	1	1,788	6	1,797	10
Speed too fast	210	1	277	0	309	3	259	1	265	1
Speed too slow	1	0	2	0	2	0	2	0	1	0
Failed to yield	177	1	169	0	197	0	195	2	233	4
Disregard traffic control	39	1	36	1	29	1	36	0	23	1
Drove wrong way	0	0	0	0	1	0	0	0	1	0
Drove left of center	6	0	8	0	6	0	7	0	14	1
Improper passing	10	0	4	0	13	0	9	0	10	0
Improper lane use	18	0	19	0	24	0	25	0	29	0
Improper turn	12	0	13	0	12	0	10	0	8	0
Improper/no signal	2	0	3	0	0	0	2	0	1	0
Improper backing	40	0	34	0	37	0	38	0	46	0
Unable to stop in assured clear distance	148	0	142	1	188	0	179	0	187	0
Other	65	1	83	0	74	0	60	0	63	0
Unknown	29	2	38	2	42	3	34	1	49	2
Reckless driving	14	0	17	0	12	0	17	0	19	0
Careless/negligent driving	138	1	125	0	147	2	132	0	133	2
Uncoded & errors	20	1	27	0	17	0	13	0	14	0
Total	**2,677**	**13**	**2,751**	**8**	**2,979**	**10**	**2,806**	**10**	**2,893**	**21**

Clinton County (continued)
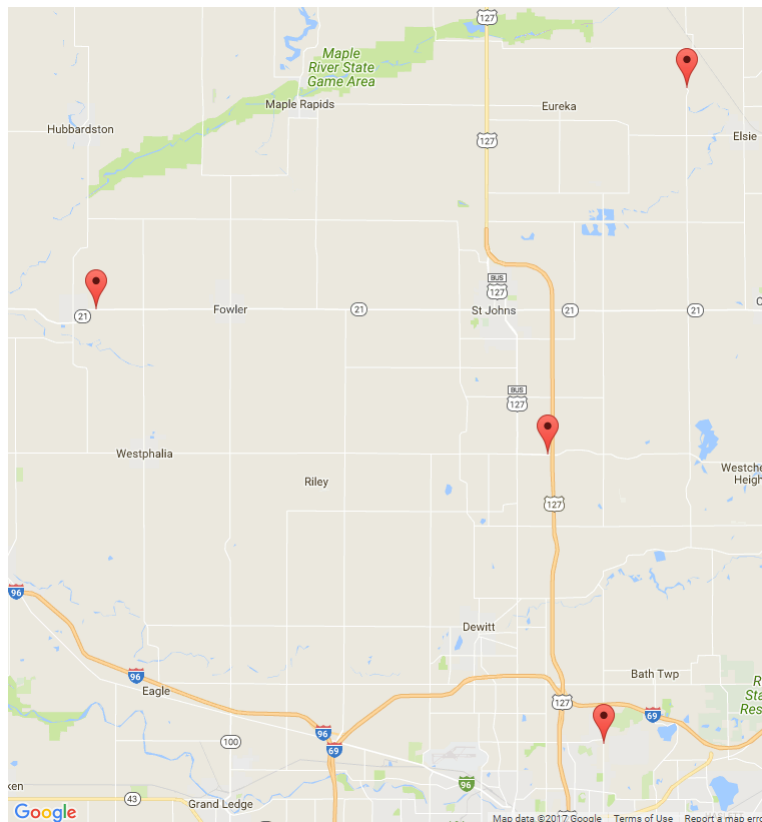
The picture above represents all 2016 alcohol-involved fatal crashes in Clinton County.

In 2016, there were 54 alcohol-involved crashes in Clinton County:

4   K - Fatal Crashes

3   A - Suspected Serious Injury Crashes

13   B - Suspected Minor Injury Crashes

2   C - Possible Injury Crashes

32   O - Property Damage Only/No Injury Crashes

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