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OHSP

Office of Highway Safety Planning

2016

MTCF
Michigan Traffic
Crash Facts

Michigan Traffic Crash Facts

Eaton County

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

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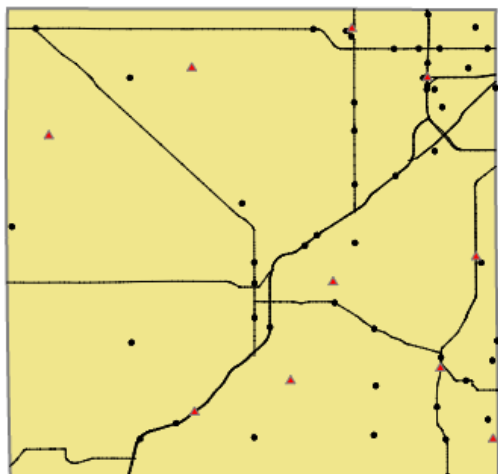
Eaton County

Crashes by most severe injury (mapped/actual)
▲ K - Fatal (10/10)
● A - Suspected Serious (51/51)

2016 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	382	0	42	340	0	53
February	307	0	47	260	0	61
March	227	2	28	197	2	35
April	193	2	27	164	2	39
May	243	0	44	199	0	58
June	256	2	39	215	2	55
July	201	0	44	157	0	62
August	219	0	38	181	0	55
September	259	1	41	217	1	49
October	320	2	37	281	2	59
November	360	1	34	325	1	50
December	401	0	37	364	0	49
Total	**3,368**	**10**	**458**	**2,900**	**10**	**625**

Eaton County

In 2016:

There were 5,150 drivers involved in 3,368 motor vehicle crashes in Eaton County. Of those crashes, 10 were classified as fatal, resulting in 10 fatalities. An additional 625 persons were injured.

Eaton County experienced the highest number of motor vehicle crashes (401) in December, the highest number of fatal crashes (2) and the highest number of persons killed (2) in March, April, June, and October.

Michigan driver statistics indicate 6.4 percent of licensed drivers in Eaton County were age 16-20, and 11.2 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	20,394	590	5	2.5	84.7
16 - 20	6,940	5,308	578	832.9	1,088.9
21 - 24	5,544	5,087	488	880.2	959.3
25 - 64	57,306	54,006	3,294	574.8	609.9
65 +	18,976	17,553	537	283.0	305.9
Unknown	0	0	248	- -	- -
Total	**109,160**	**82,544**	**5,150**	**471.8**	**623.9**

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	4,055	78.7	9	81.8	609	3,437
Motor home	80	1.6	0	0.0	18	62
Pickup truck	706	13.7	1	9.1	93	612
Small truck under 10,000 lbs. GVWR	37	0.7	0	0.0	5	32
Motorcycle	31	0.6	1	9.1	23	7
Moped / goped	7	0.1	0	0.0	6	1
Go-cart / golf cart	2	0.0	0	0.0	0	2
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	0	0.0	0	0.0	0	0
Other	13	0.3	0	0.0	3	10
Truck/bus over 10,000 lbs.	133	2.6	0	0.0	22	111
Unknown	86	1.7	0	0.0	7	79
Total	**5,150**	**100.0**	**11**	**100.0**	**786**	**4,353**

Eaton County (continued)

5-Year Trend - Crashes by Month

Month	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
January	353	1	319	2	500	1	361	1	382	0
February	263	1	257	1	289	1	276	1	307	0
March	165	0	255	0	263	0	216	2	227	2
April	182	1	207	0	201	1	190	1	193	2
May	214	0	236	0	234	1	229	0	243	0
June	203	2	206	1	222	2	222	0	256	2
July	158	2	191	0	182	0	239	3	201	0
August	151	1	172	1	169	1	168	2	219	0
September	191	0	204	1	204	2	211	0	259	1
October	326	1	318	3	332	0	369	3	320	2
November	358	1	426	2	438	0	444	0	360	1
December	311	0	381	0	349	0	341	0	401	0
Total	**2,875**	**10**	**3,172**	**11**	**3,383**	**9**	**3,266**	**13**	**3,368**	**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	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
Monday	398	2	489	2	457	0	460	2	443	1
Tuesday	374	1	459	0	490	3	508	2	502	0
Wednesday	433	1	486	2	492	0	486	2	532	2
Thursday	391	1	462	0	596	1	491	3	520	2
Friday	546	0	504	3	545	1	507	0	579	2
Saturday	393	4	426	2	452	2	455	1	437	2
Sunday	340	1	346	2	351	2	359	3	355	1
Total	**2,875**	**10**	**3,172**	**11**	**3,383**	**9**	**3,266**	**13**	**3,368**	**10**

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

Eaton County (continued)

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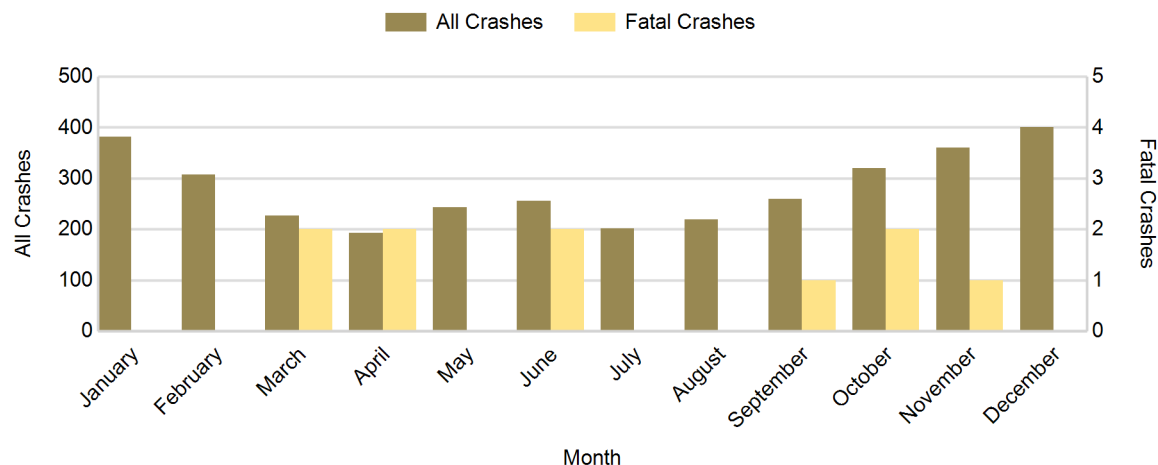
2016 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	443	13.2	1	10.0	6	12	34	390
Tuesday	502	14.9	0	0.0	6	24	44	428
Wednesday	532	15.8	2	20.0	9	15	48	458
Thursday	520	15.4	2	20.0	4	17	48	449
Friday	579	17.2	2	20.0	11	17	42	507
Saturday	437	13.0	2	20.0	9	20	42	364
Sunday	355	10.5	1	10.0	6	19	25	304
Total	3,368	100.0	10	100.0	51	124	283	2,900

2016 Day of Week and Severity
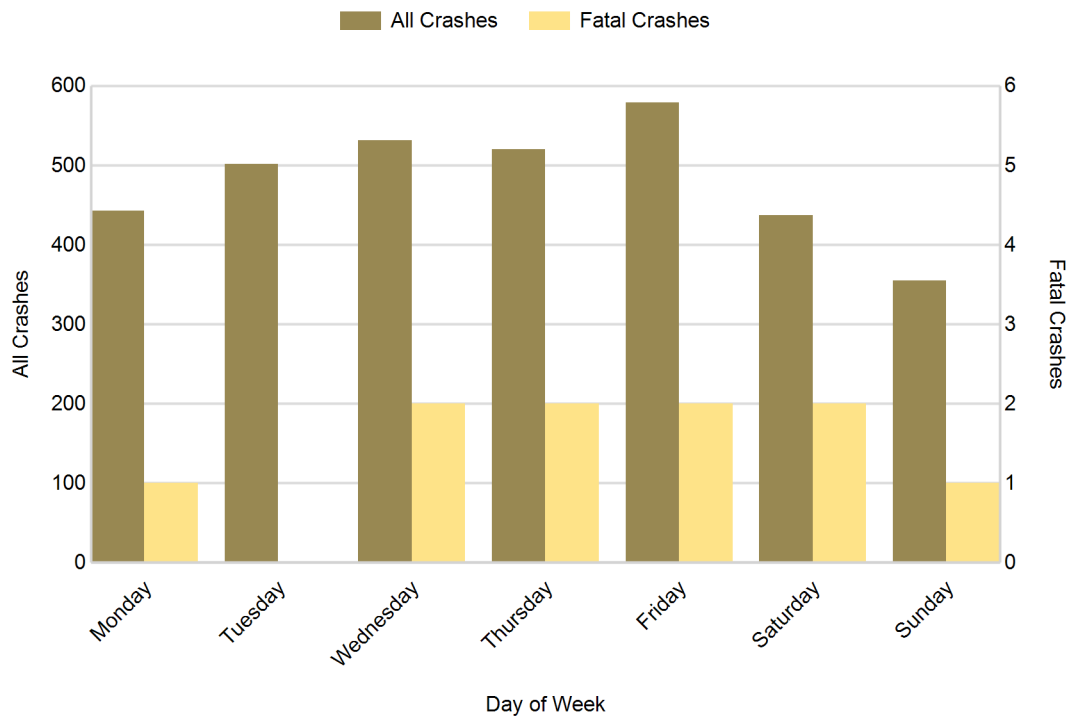
5-Year Trend - Crashes by Weekday and Weekend

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	2,142	5	2,400	7	2,580	5	2,452	9	2,576	7
Weekend	733	5	772	4	803	4	814	4	792	3
Total	**2,875**	**10**	**3,172**	**11**	**3,383**	**9**	**3,266**	**13**	**3,368**	**10**

5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)
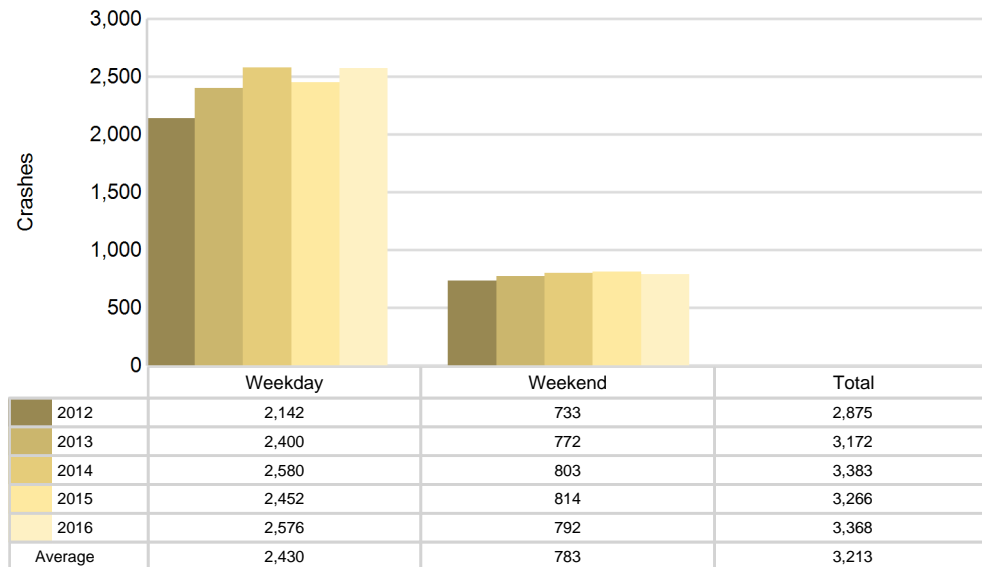
	Weekday	Weekend	Total
2012	2,142	733	2,875
2013	2,400	772	3,172
2014	2,580	803	3,383
2015	2,452	814	3,266
2016	2,576	792	3,368
Average	2,430	783	3,213

Eaton County (continued)

5-Year Trend - 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	149	0	155	2	147	0	145	1	161	1
3:00 AM - 5:59 AM	156	0	140	0	184	0	163	1	192	0
6:00 AM - 8:59 AM	484	3	562	2	599	1	535	3	570	1
9:00 AM - 11:59 AM	302	1	357	1	387	2	338	1	330	1
Noon - 2:59 PM	385	1	433	5	485	1	497	1	535	2
3:00 PM - 5:59 PM	540	1	576	1	644	1	683	3	695	1
6:00 PM - 8:59 PM	510	1	593	0	581	3	563	2	549	1
9:00 PM - 11:59 PM	347	3	353	0	355	1	341	1	335	3
Unknown	2	0	3	0	1	0	1	0	1	0
Total	**2,875**	**10**	**3,172**	**11**	**3,383**	**9**	**3,266**	**13**	**3,368**	**10**

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	149	156	484	302	385	540	510	347	2	2,875
2013	155	140	562	357	433	576	593	353	3	3,172
2014	147	184	599	387	485	644	581	355	1	3,383
2015	145	163	535	338	497	683	563	341	1	3,266
2016	161	192	570	330	535	695	549	335	1	3,368
Average	151	167	550	343	467	628	559	346	2	3,213

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	0	0	3	1	1	1	1	3	0	10
2013	2	0	2	1	5	1	0	0	0	11
2014	0	0	1	2	1	1	3	1	0	9
2015	1	1	3	1	1	3	2	1	0	13
2016	1	0	1	1	2	1	1	3	0	10
Average	1	0	2	1	2	1	1	2	0	11

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	161	4.8	1	10.0	2	10	6	142
3:00 AM	- 5:59 AM	192	5.7	0	0.0	5	5	7	175
6:00 AM	- 8:59 AM	570	16.9	1	10.0	7	20	43	499
9:00 AM	- 11:59 AM	330	9.8	1	10.0	5	7	36	281
Noon	- 2:59 PM	535	15.9	2	20.0	13	26	60	434
3:00 PM	- 5:59 PM	695	20.6	1	10.0	10	30	82	572
6:00 PM	- 8:59 PM	549	16.3	1	10.0	5	20	37	486
9:00 PM	- 11:59 PM	335	9.9	3	30.0	4	6	12	310
Unknown		1	0.0	0	0.0	0	0	0	1
Total		**3,368**	**100.0**	**10**	**100.0**	**51**	**124**	**283**	**2,900**
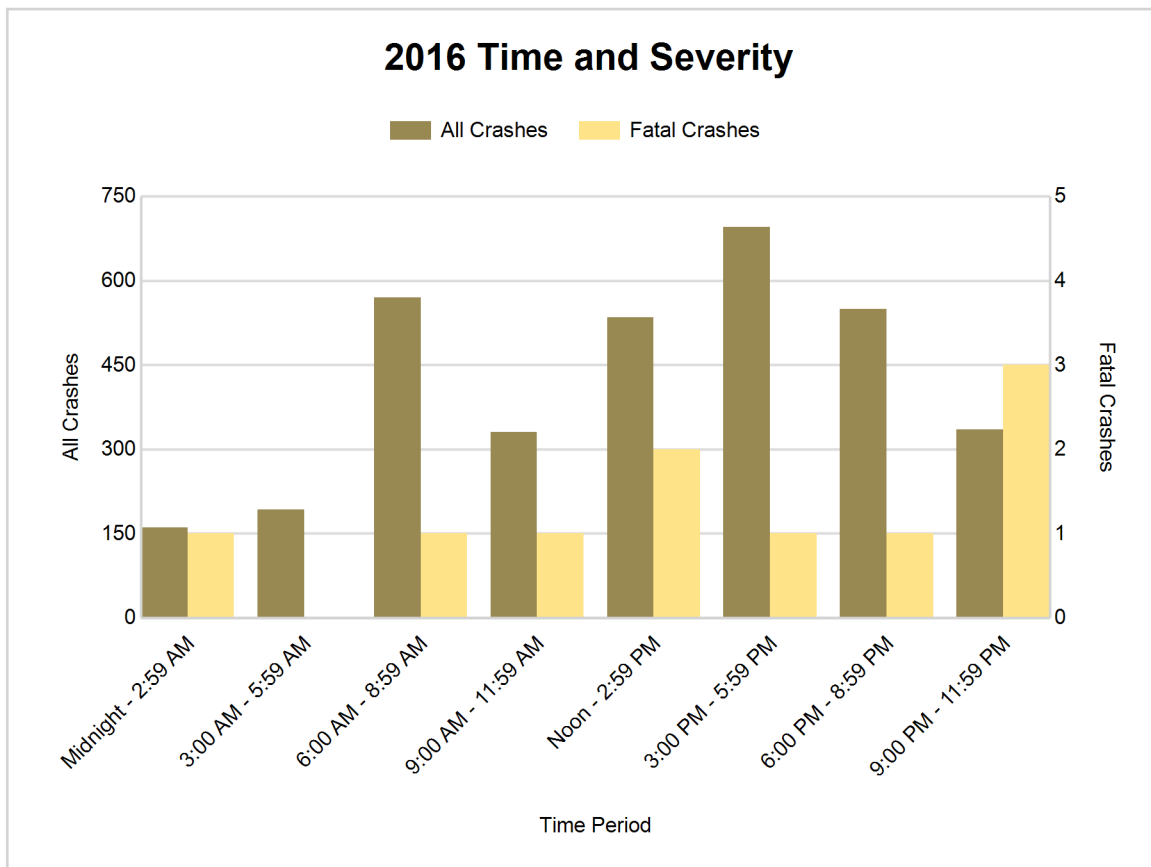
2016 Time and Severity

Eaton 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	82	0	75	0	81	0	85	1	82	0
3:00 AM - 5:59 AM	100	0	87	0	108	0	103	0	114	0
6:00 AM - 8:59 AM	216	0	249	0	246	0	227	0	260	0
9:00 AM - 11:59 AM	46	0	58	0	50	0	55	0	40	0
Noon - 2:59 PM	25	0	33	0	33	0	30	0	30	0
3:00 PM - 5:59 PM	77	0	79	0	76	0	79	0	56	0
6:00 PM - 8:59 PM	263	0	288	0	280	0	291	0	234	0
9:00 PM - 11:59 PM	191	0	207	0	203	0	201	0	182	1
Unknown	0	0	0	0	0	0	0	0	0	0
Total	**1,000**	**0**	**1,076**	**0**	**1,077**	**0**	**1,071**	**1**	**998**	**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	82	100	216	46	25	77	263	191	0	1,000
2013	75	87	249	58	33	79	288	207	0	1,076
2014	81	108	246	50	33	76	280	203	0	1,077
2015	85	103	227	55	30	79	291	201	0	1,071
2016	82	114	260	40	30	56	234	182	0	998
Average	81	102	240	50	30	73	271	197	0	1,044
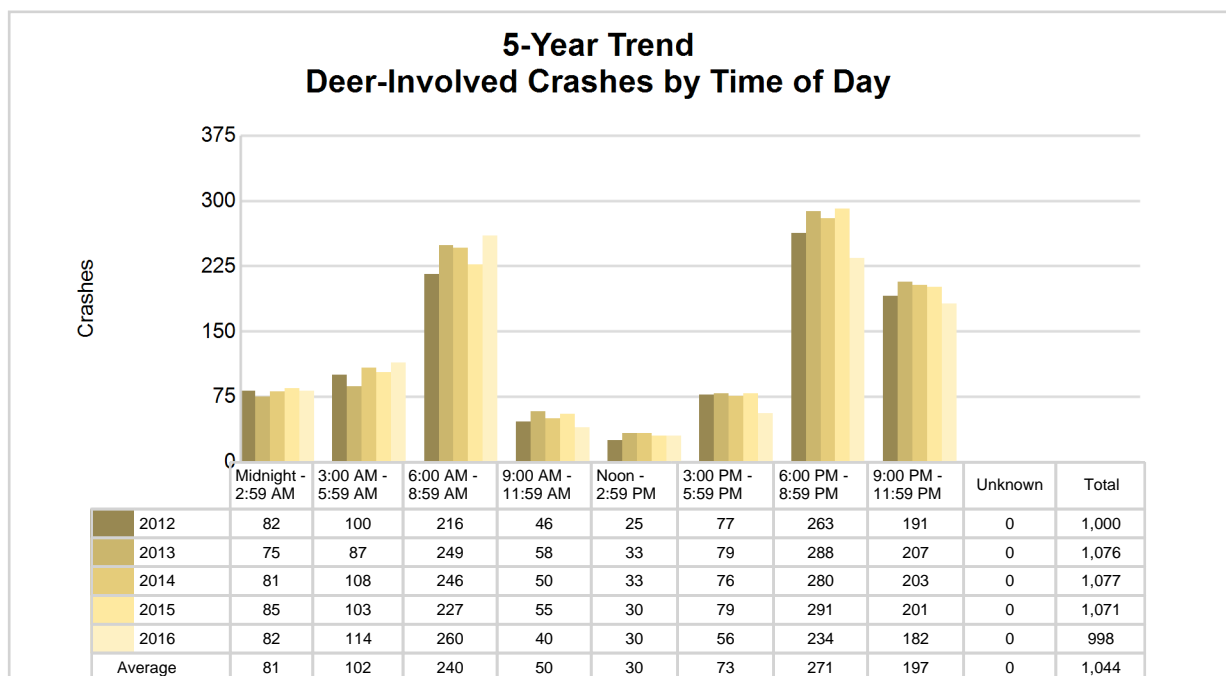
2016 Time and Severity of Deer-Involved Crashes

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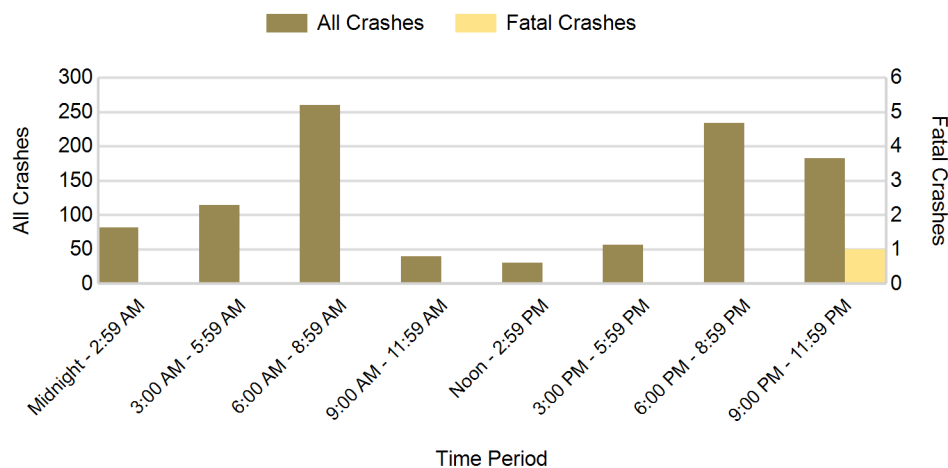
2016 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Bellevue	4	0	0	4	0	0	1	3	0	0	1	0	0
Bellevue Twp.	66	0	4	62	10	0	26	30	2	0	37	0	4
Benton Twp.	107	0	14	93	32	0	24	51	1	0	51	0	16
Brookfield Twp.	44	1	4	39	0	0	0	44	1	1	30	1	5
Carmel Twp.	79	0	7	72	7	0	37	35	0	0	55	0	10
Charlotte	259	0	32	227	115	0	55	89	3	0	27	0	38
Chester Twp.	85	0	12	73	0	0	26	59	3	1	46	0	14
Delta Twp.	1,201	1	179	1,021	237	0	457	507	26	5	122	1	245
Dimondale	8	0	1	7	0	0	0	8	1	0	0	0	1
Eaton Rapids	74	1	12	61	0	0	52	22	0	0	11	1	16
Eaton Rapids Twp.	132	1	17	114	0	0	51	81	4	2	77	1	27
Eaton Twp.	215	1	27	187	71	0	46	98	10	2	94	1	40
Grand Ledge	132	1	16	115	0	0	97	35	4	2	4	1	21
Hamlin Twp.	93	1	17	75	0	0	26	67	5	1	46	1	28
Kalamo Twp.	60	0	7	53	0	0	23	37	1	1	42	0	10
Lansing	31	0	6	25	0	0	0	31	2	0	1	0	6
Mulliken	4	0	0	4	0	0	3	1	0	0	1	0	0
Olivet	14	0	0	14	0	0	0	14	1	1	1	0	0
Oneida Twp.	89	0	10	79	0	0	53	36	5	1	46	0	15
Potterville	45	0	7	38	5	0	22	18	1	1	8	0	13
Roxand Twp.	48	1	3	44	0	0	14	34	2	0	29	1	5
Sunfield	5	0	2	3	0	0	1	4	0	0	0	0	2
Sunfield Twp.	54	0	9	45	0	0	28	26	2	0	29	0	12
Vermontville	9	0	2	7	0	0	0	9	1	0	2	0	2
Vermontville Twp.	45	1	7	37	0	0	0	45	2	1	31	1	11
Walton Twp.	157	1	20	136	59	0	2	96	3	3	91	1	27
Windsor Twp.	308	0	43	265	103	0	58	147	5	1	116	0	57
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	**3,368**	**10**	**458**	**2,900**	**639**	**0**	**1,102**	**1,627**	**85**	**23**	**998**	**10**	**625**

Eaton 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	8	0	10	1	17	0	9	0	5	0
16 - 20	531	8	556	5	564	4	592	6	578	6
21 - 24	382	11	410	23	492	20	466	15	488	11
25 - 64	2,682	47	2,996	54	3,261	49	3,172	64	3,294	66
65 +	441	2	484	4	514	3	510	0	537	1
Unknown	174	0	199	0	199	0	201	0	248	1
Total	**4,218**	**68**	**4,655**	**87**	**5,047**	**76**	**4,950**	**85**	**5,150**	**85**

5-Year Trend
Total Drivers in Crashes by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2012	8	531	382	2,682	441	174	4,218
2013	10	556	410	2,996	484	199	4,655
2014	17	564	492	3,261	514	199	5,047
2015	9	592	466	3,172	510	201	4,950
2016	5	578	488	3,294	537	248	5,150
Average	10	564	448	3,081	497	204	4,804

5-Year Trend
Total Drivers Coded Drinking by Age

	0 - 15	16 - 20	21 - 24	25 - 64	65 +	Unknown	Total
2012	0	8	11	47	2	0	68
2013	1	5	23	54	4	0	87
2014	0	4	20	49	3	0	76
2015	0	6	15	64	0	0	85
2016	0	6	11	66	1	1	85
Average	0	6	16	56	2	0	80

Eaton County (continued)
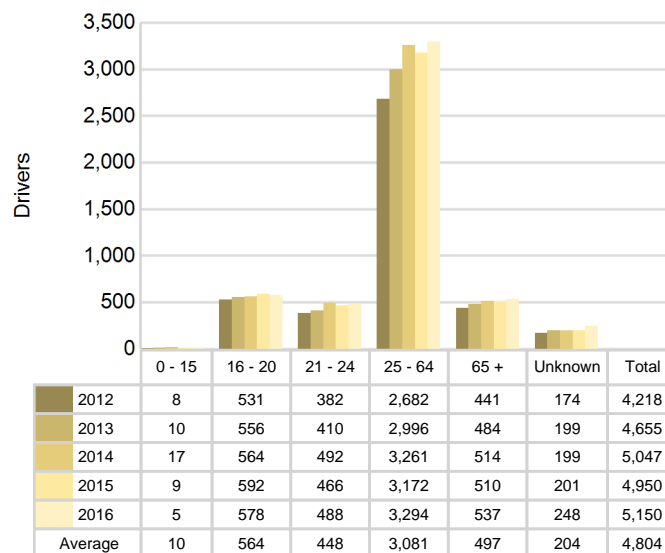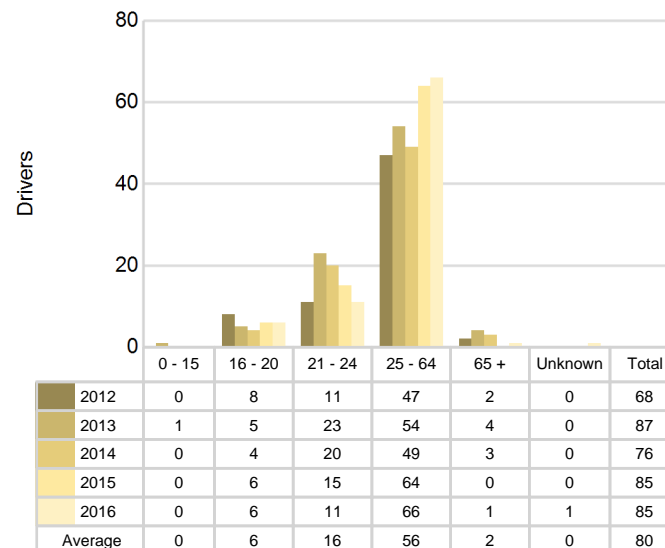
2016 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

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	6	10	4	6	0	0	2	1	3
21 - 24	12	14	9	11	0	2	6	1	2
25 - 64	88	67	51	66	0	5	16	19	26
65 +	6	2	1	1	0	0	0	1	0
Unknown	6	1	1	1	0	0	0	1	0
Total	**118**	**94**	**66**	**85**	**0**	**7**	**24**	**23**	**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 2016, there were 118 drivers in alcohol-involved crashes; 85 (72.0%) of those drivers were coded as had-been-drinking by the officer on the crash form.
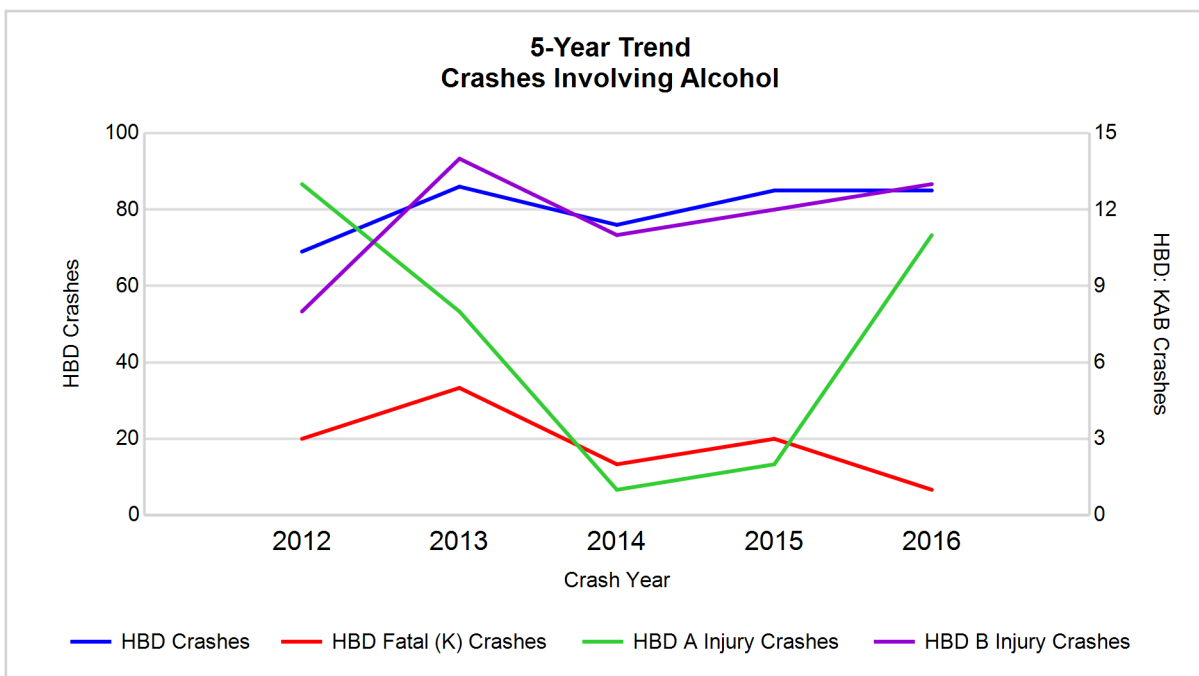
- 47 (55.3%) of the 85 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 23 (48.9%) of the 47 drivers had a BAC at or above 0.17 g/dL.

- 66 (77.6%) of the 85 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	2,875	69	2.4	10	3	30.0	95	13	13.7	122	8	6.6
2013	3,172	86	2.7	11	5	45.5	59	8	13.6	140	14	10.0
2014	3,383	76	2.2	9	2	22.2	48	1	2.1	136	11	8.1
2015	3,266	85	2.6	13	3	23.1	33	2	6.1	137	12	8.8
2016	3,368	85	2.5	10	1*	10.0*	51	11	21.6**	124	13	10.5**

Note: * Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column
 ** Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column

**5-Year Trend
Crashes Involving Alcohol**

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

Note: Had-Been-Drinking (HBD)

Eaton 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	2,875	20	0.7	10	2	20.0	95	3	3.2	122	2	1.6
2013	3,172	14	0.4	11	2	18.2	59	1	1.7	140	1	0.7
2014	3,383	20	0.6	9	3	33.3	48	1	2.1	136	5	3.7
2015	3,266	23	0.7	13	5	38.5	33	2	6.1	137	3	2.2
2016	3,368	23	0.7	10	3	30.0	51	6**	11.8**	124	3	2.4

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
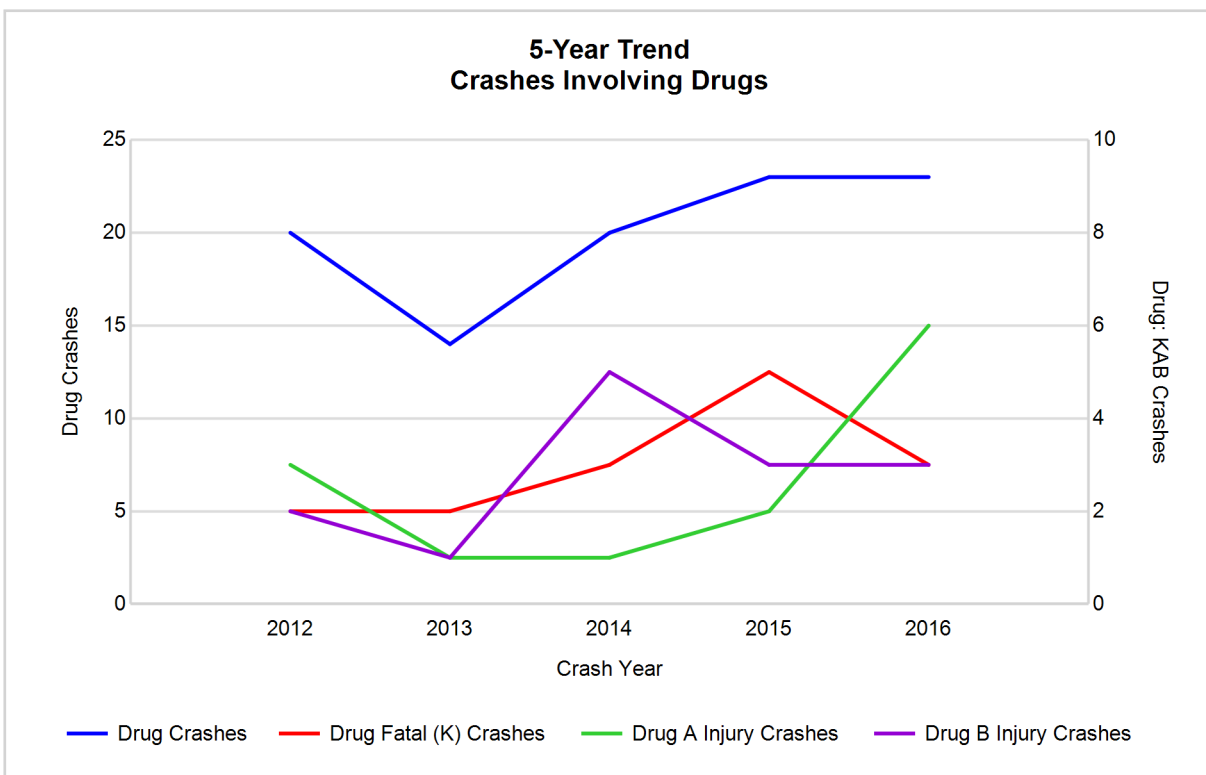

5-Year Trend
Crashes Involving Drugs

Eaton 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	2,875	82	2.9	10	4	40.0	95	14	14.7	122	9	7.4
2013	3,172	91	2.9	11	5	45.5	59	8	13.6	140	14	10.0
2014	3,383	87	2.6	9	4	44.4	48	2	4.2	136	14	10.3
2015	3,266	98	3.0	13	6	46.2	33	2	6.1	137	14	10.2
2016	3,368	95	2.8	10	4	40.0	51	12	23.5**	124	15**	12.1**

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
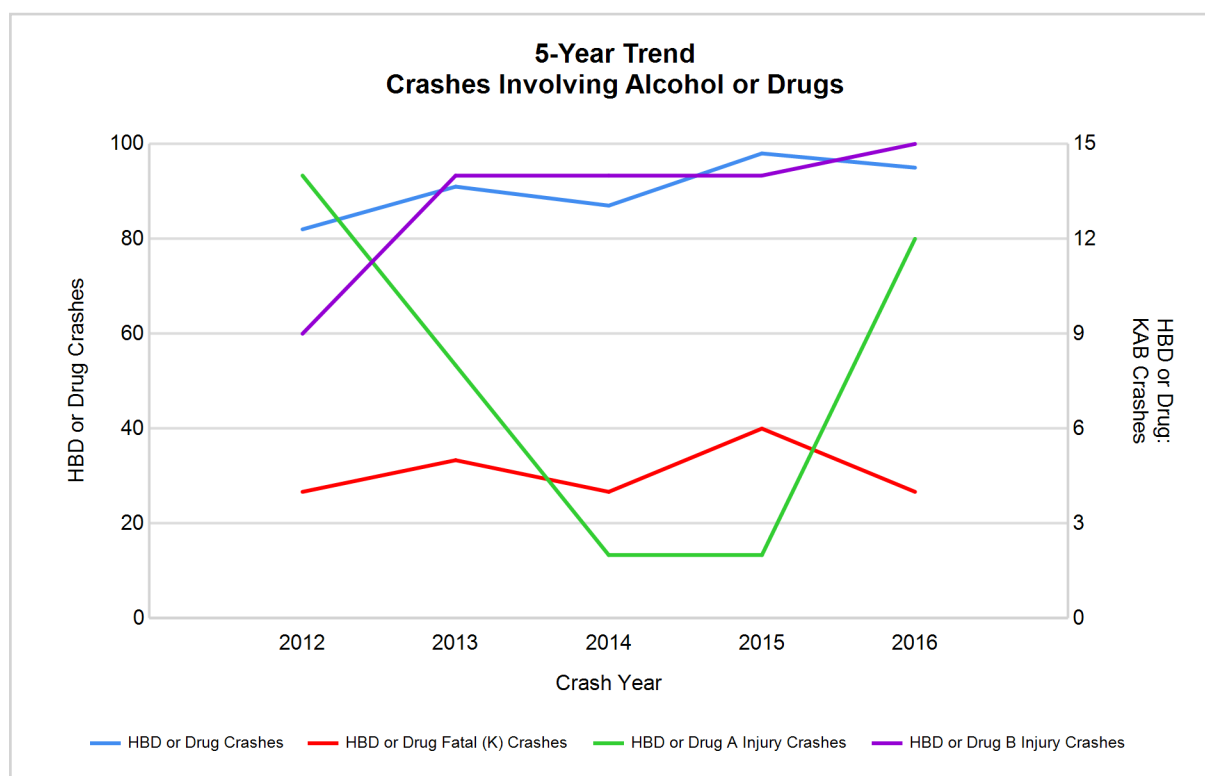

Note: Had-Been-Drinking (HBD)

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	4,189	3,957	94.5	4	3	75.0	41	34	82.9	126	115	91.3	331	318	96.1	3,564	3,487	97.8
Motor home	81	76	93.8	0	0	0.0	1	1	100.0	0	0	0.0	9	8	88.9	68	67	98.5
Pickup truck	719	670	93.2	1	1	100.0	8	6	75.0	10	10	100.0	36	36	100.0	635	615	96.9
Small truck under 10,000 lbs. GVWR	37	36	97.3	0	0	0.0	1	1	100.0	0	0	0.0	2	2	100.0	33	33	100.0
Motorcycle	34	25	73.5	1	0	0.0	5	3	60.0	13	9	69.2	8	8	100.0	7	5	71.4
Moped / goped	7	3	42.9	0	0	0.0	2	1	50.0	2	1	50.0	2	1	50.0	1	0	0.0
Go-cart / golf cart	2	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	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	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Other	13	8	61.5	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	13	8	61.5
Truck/bus over 10,000 lbs.	136	119	87.5	0	0	0.0	0	0	0.0	3	2	66.7	6	3	50.0	119	114	95.8
Unknown	86	1	1.2	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	**5,304**	**4,895**	**92.3**	**6**	**4**	**0.0**	**58**	**46**	**79.3**	**154**	**137**	**89.0**	**394**	**376**	**95.4**	**4,442**	**4,329**	**97.5**

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	49	43	87.8	0	0	0.0	1	1	100.0	8	7	87.5	36	31	86.1	4	4	100.0
16 - 20	607	587	96.7	0	0	0.0	10	7	70.0	27	26	96.3	55	54	98.2	515	500	97.1
21 - 24	502	483	96.2	0	0	0.0	6	5	83.3	19	17	89.5	36	32	88.9	441	429	97.3
25 - 64	3,346	3,240	96.8	6	4	66.7	38	31	81.6	84	72	85.7	215	208	96.7	2,992	2,923	97.7
65 +	552	540	97.8	0	0	0.0	3	2	66.7	16	15	93.8	52	51	98.1	479	472	98.5
Unknown	248	2	0.8	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	11	1	9.1
Total	**5,304**	**4,895**	**92.3**	**6**	**4**	**0.0**	**58**	**46**	**79.3**	**154**	**137**	**89.0**	**394**	**376**	**95.4**	**4,442**	**4,329**	**97.5**

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.

Eaton 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	10	0	3	9	0	1	18	0	2	28	0	1	30	0	1
Shoulder belt only used	5	0	0	0	0	0	4	0	2	2	0	0	11	0	2
Lap belt only used	9	0	0	15	0	3	9	0	3	5	1	1	9	0	1
Both lap & shoulder belts used	3,885	5	393	4,304	3	345	4,705	4	411	4,591	6	392	4,707	3	397
No belts used	30	1	14	19	2	6	29	1	11	31	1	14	25	1	11
Child restraint used	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child restraint not used, unavailable or improper use	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	0	0	0	0	0	0	1	0	0	1	0	0	3	0	0
Restraint use unknown	79	0	9	108	2	11	100	1	12	85	0	9	264	0	12
Helmet worn	32	0	27	25	0	18	15	0	13	27	3	16	26	0	21
Helmet not worn	10	1	7	15	0	11	9	0	6	10	0	8	11	1	7
Helmet use unknown	1	0	0	2	0	0	3	0	0	0	0	0	1	0	1
Uncoded & errors	155	0	2	158	0	0	154	0	0	170	0	0	63	0	0
Total	**4,218**	**7**	**456**	**4,655**	**7**	**395**	**5,047**	**6**	**460**	**4,950**	**11**	**441**	**5,150**	**5**	**453**

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	1	0	1	0	0	0	1	0	0
Lap belt only used	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0
Both lap & shoulder belts used	45	0	15	56	1	20	58	1	9	69	2	15	59	1	20
No belts used	2	0	1	6	0	4	4	0	3	3	0	2	3	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	1	0	1	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	18	0	6	22	1	4	9	0	6	12	0	3	20	0	3
Helmet worn	1	0	1	1	0	1	1	0	0	0	0	0	0	0	0
Helmet not worn	1	1	0	2	0	2	2	0	2	0	0	0	2	0	2
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	**68**	**1**	**24**	**87**	**2**	**31**	**76**	**1**	**22**	**85**	**3**	**20**	**85**	**1**	**26**

Eaton 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	1	0	0	4	0	1	1	0	0	0	0	0
16 - 20	8	0	4	3	0	1	7	1	1	4	0	0	5	0	2
21 - 24	6	0	4	3	0	2	4	0	3	4	0	2	6	0	2
25 - 64	19	0	9	18	2	4	24	0	7	43	1	13	34	1	5
65 +	3	1	0	1	0	0	6	0	1	4	0	0	8	0	3
Unknown	3	0	0	2	0	0	2	0	0	3	0	0	2	0	0
Total	**40**	**1**	**17**	**28**	**2**	**7**	**47**	**1**	**13**	**59**	**1**	**15**	**55**	**1**	**12**

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	6	19	3	3	40
2013	1	3	3	18	1	2	28
2014	4	7	4	24	6	2	47
2015	1	4	4	43	4	3	59
2016	0	5	6	34	8	2	55
Average	1	5	5	28	4	2	46

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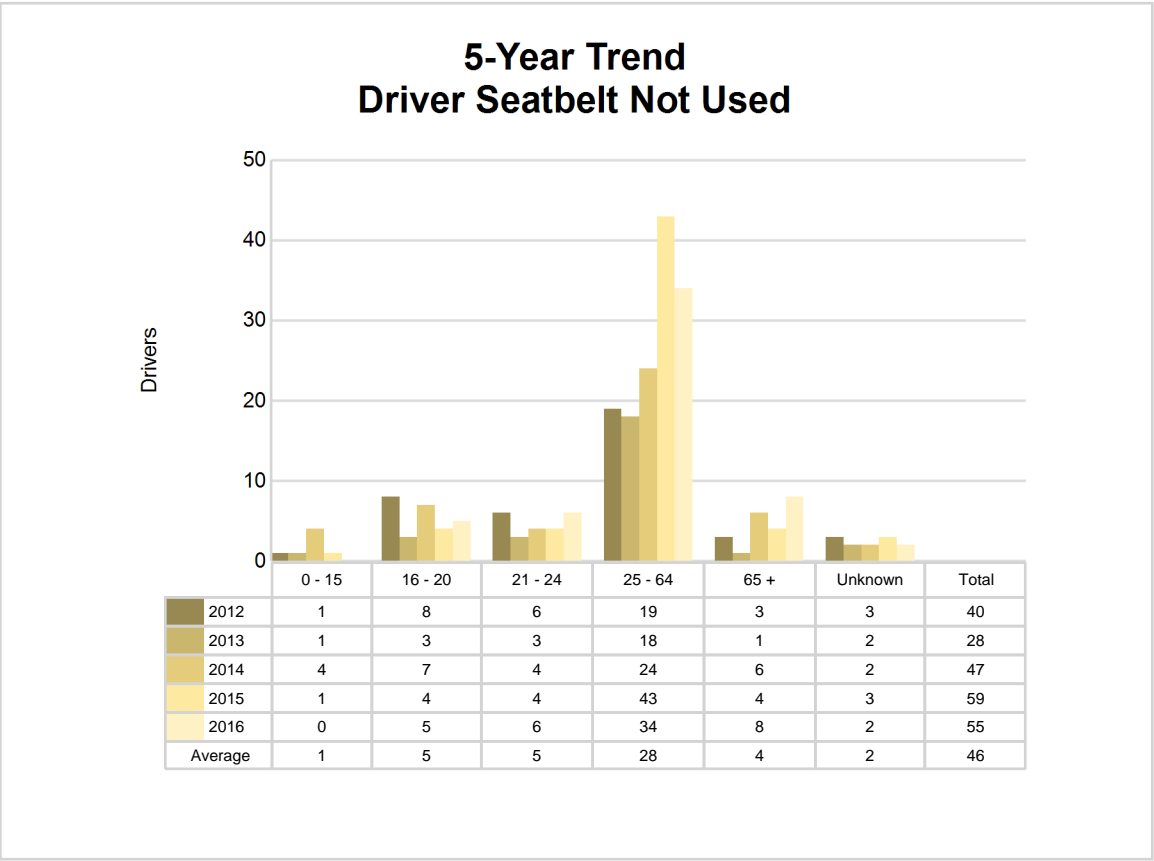
5-Year Trend - Seatbelt Used Among Drivers by Age

| 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	7	0	1	7	0	0	5	0	1	7	0	0	5	0	1
16 - 20	508	1	65	542	0	57	546	0	51	578	0	63	558	0	58
21 - 24	357	0	35	397	0	37	473	0	38	453	1	24	467	0	39
25 - 64	2,592	3	234	2,895	2	219	3,185	2	273	3,056	5	250	3,174	3	250
65 +	433	1	58	474	1	35	502	2	53	500	1	56	524	0	52
Unknown	2	0	0	4	0	0	8	0	0	5	0	0	2	0	0
Total	**3,899**	**5**	**393**	**4,319**	**3**	**348**	**4,719**	**4**	**416**	**4,599**	**7**	**393**	**4,730**	**3**	**400**

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
2012	7	508	357	2,592	433	2	3,899
2013	7	542	397	2,895	474	4	4,319
2014	5	546	473	3,185	502	8	4,719
2015	7	578	453	3,056	500	5	4,599
2016	5	558	467	3,174	524	2	4,730
Average	6	546	429	2,980	487	4	4,453

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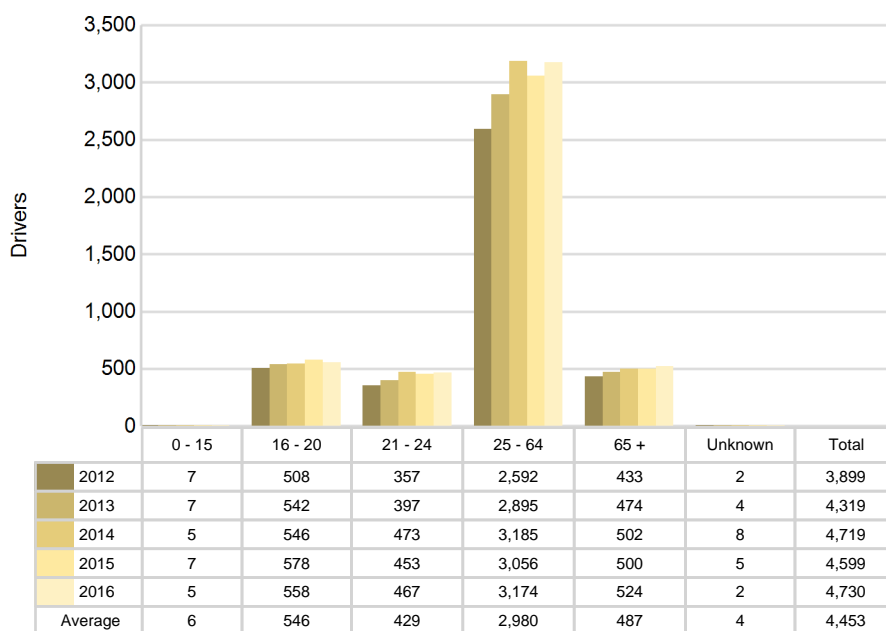
5-Year Trend - Drivers in Crashes by Hazardous Action

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	2,446	8	2,721	9	2,878	7	2,896	13	2,919	6
Speed too fast	413	2	430	2	599	2	430	4	454	5
Speed too slow	5	0	1	0	4	0	1	0	6	0
Failed to yield	346	0	418	1	517	1	488	2	485	0
Disregard traffic control	64	4	60	1	54	2	51	0	52	0
Drove wrong way	2	0	6	0	2	1	3	0	3	0
Drove left of center	13	0	17	0	24	2	15	1	27	0
Improper passing	25	0	20	0	17	0	28	0	22	0
Improper lane use	41	0	57	0	63	0	72	0	104	0
Improper turn	30	0	26	0	33	0	36	0	17	0
Improper/no signal	4	0	3	0	3	0	1	0	6	0
Improper backing	64	0	62	0	52	0	62	0	72	0
Unable to stop in assured clear distance	445	1	526	0	508	0	570	1	603	0
Other	103	2	89	3	117	0	125	1	123	0
Unknown	37	0	39	0	40	1	35	3	102	0
Reckless driving	12	0	21	1	22	0	15	0	8	0
Careless/negligent driving	134	1	148	0	111	0	120	1	144	0
Uncoded & errors	34	0	11	0	3	0	2	0	3	0
Total	**4,218**	**18**	**4,655**	**17**	**5,047**	**16**	**4,950**	**26**	**5,150**	**11**

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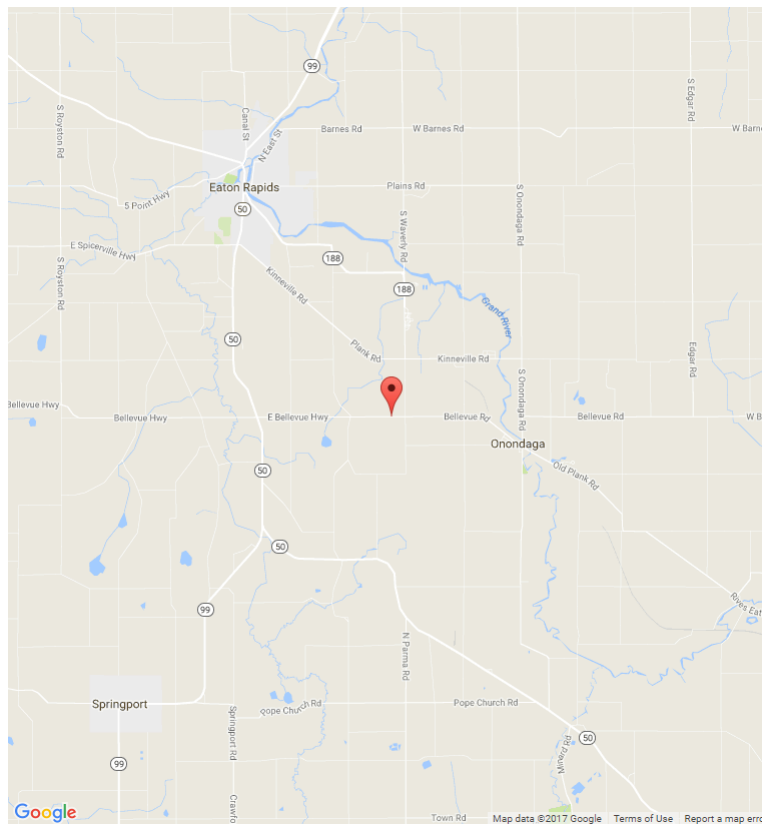
The picture above represents all 2016 alcohol-involved fatal crashes in Eaton County.

In 2016, there were 85 alcohol-involved crashes in Eaton County:

1	K - Fatal Crashes
11	A - Suspected Serious Injury Crashes
13	B - Suspected Minor Injury Crashes
4	C - Possible Injury Crashes
56	O - Property Damage Only/No Injury Crashes

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