



2017

MTCF
Michigan Traffic
Crash Facts

Michigan Traffic Crash Facts

Reporting Criteria

Please pay particular attention to the wording when interpreting the three levels of data gathered for this report.

Crash

The Crash Level analyzes data related to crash events and returns one result per crash.

Examples: Time, weather, and location.

Units

The Units Level analyzes the experience of the units in the crash and returns one result per vehicle, driver, pedestrian, bicyclist, or train.

Examples: Vehicle type, driver condition, and unit events.

People

The People Level analyzes the experience of the people involved in the crash and returns one result per occupant/person/party.

Examples: Age, injury severity, and seat belt or helmet use.

KABCO Injury Indicator:

K = Killed

A = Suspected Serious Injury

B = Suspected Minor Injury

C = Possible Injury

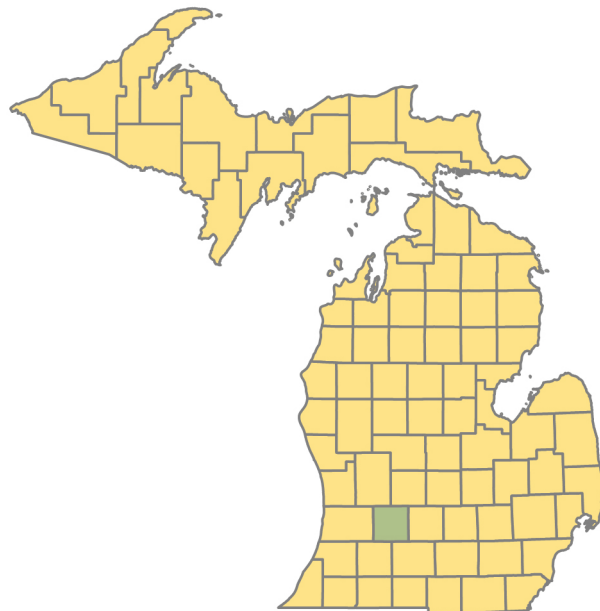
O = No Injury

Property Damage Only (PDO)



Barry County

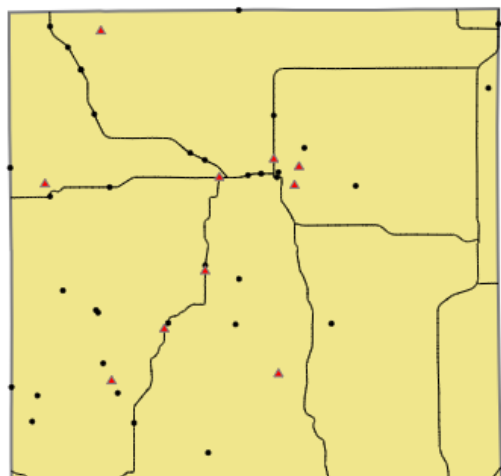
2017 Traffic Crash Data & 2013-2017 5-Year Trends



Sources:

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

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Crashes by most severe injury (mapped/actual)

▲ K - Fatal (10/10)

● A - Suspected Serious (35/35)

Barry County

In 2017:

There were 1,930 drivers involved in 1,444 motor vehicle crashes in Barry County. Of those crashes, 10 were classified as fatal, resulting in 11 fatalities. An additional 274 persons were injured.

Barry County experienced the highest number of motor vehicle crashes (216) in December, the highest number of fatal crashes (3) and the highest number of persons killed (3) in June and October.

Michigan driver statistics indicate 6.8 percent of licensed drivers in Barry County were age 16-20, and 13.0 percent of drivers in crashes were also in that age group.

2017 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	165	1	13	151	1	21
February	97	0	8	89	0	13
March	39	0	7	32	0	10
April	89	0	16	73	0	30
May	80	1	11	68	2	13
June	106	3	16	87	3	23
July	122	1	26	95	1	32
August	92	1	29	62	1	44
September	112	0	13	99	0	17
October	142	3	12	127	3	20
November	184	0	12	172	0	16
December	216	0	24	192	0	35
Total	1,444	10	187	1,247	11	274

2017 - Driver Statistics

Age Group	Barry County			Driver Rates	
	2017 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	11,748	425	8	6.8	188.2
16 - 20	3,759	3,237	250	665.1	772.3
21 - 24	2,717	2,708	164	603.6	605.6
25 - 64	31,396	30,400	1,225	390.2	403.0
65 +	10,966	10,511	209	190.6	198.8
Unknown	0	0	74	--	--
Total	60,586	47,281	1,930	318.6	408.2

2017 - Vehicles in Crashes

Vehicle Type	Motor Vehicles		Fatal Crashes		Injury Crashes	PDO Crashes
	Number of Vehicles	% of Total	Number	% of Total	Number	Number
Passenger car, SUV, van	1,409	73.0	3	25.0	195	1,211
Motor home	12	0.6	0	0.0	2	10
Pickup truck	343	17.8	3	25.0	52	288
Small truck under 10,000 lbs. GVWR	16	0.8	0	0.0	1	15
Motorcycle	29	1.5	5	41.7	16	8
Moped / goped	1	0.1	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	4	0.2	0	0.0	3	1
Other	13	0.7	0	0.0	2	11
Truck/bus over 10,000 lbs.	28	1.5	0	0.0	9	19
Unknown	75	3.9	1	8.3	11	63
Total	1,930	100.0	12	100.0	292	1,626

5-Year Trend - Crashes by Month

Month	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	168	2	176	1	146	0	172	0	165	1
February	163	0	122	1	117	0	136	0	97	0
March	110	1	152	1	104	1	92	0	39	0
April	74	0	77	1	50	1	97	1	89	0
May	90	2	79	2	94	1	120	0	80	1
June	99	2	93	1	96	0	112	0	106	3
July	87	0	105	1	108	1	100	0	122	1
August	94	0	97	2	91	1	93	0	92	1
September	87	1	101	0	97	0	104	0	112	0
October	134	1	158	0	138	0	155	1	142	3
November	191	2	195	0	210	0	179	0	184	0
December	171	0	135	1	145	1	203	2	216	0
Total	1,468	11	1,490	11	1,396	6	1,563	4	1,444	10

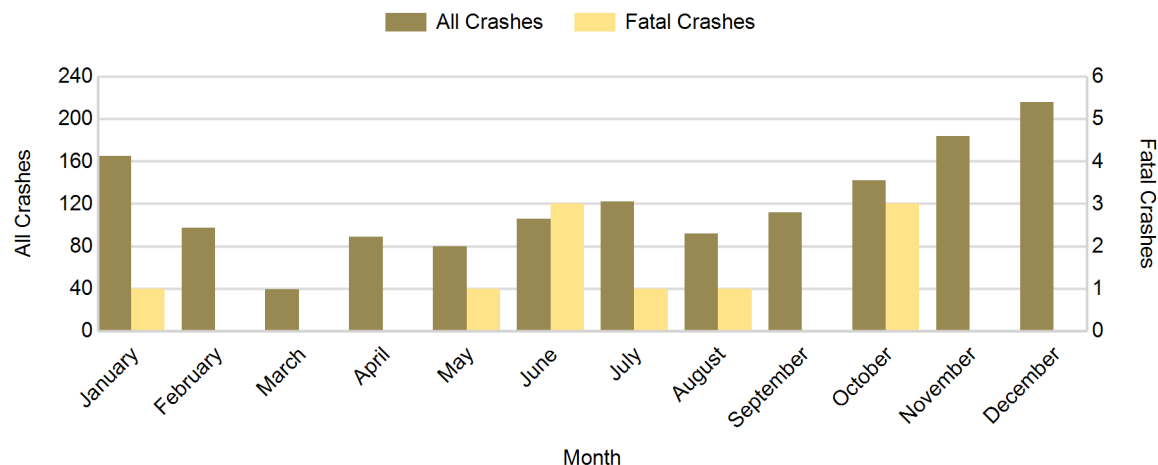
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	215	2	205	2	204	0	211	0	212	2
Tuesday	213	0	219	1	206	0	231	1	221	2
Wednesday	232	2	211	4	205	2	232	0	209	2
Thursday	186	2	238	2	212	1	225	1	235	0
Friday	230	1	239	0	218	0	259	0	243	1
Saturday	223	2	184	2	205	2	237	1	191	1
Sunday	169	2	194	0	146	1	168	1	133	2
Total	1,468	11	1,490	11	1,396	6	1,563	4	1,444	10

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

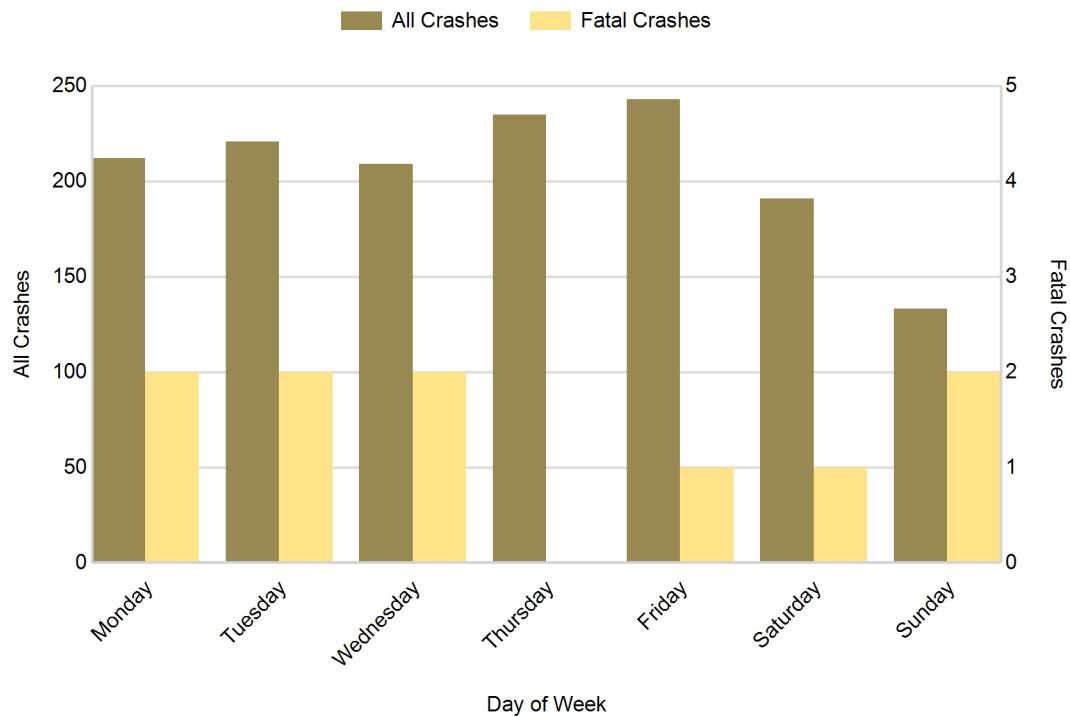
2017 Crashes by Month



2017 - Crashes by Day of Week

Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Monday	212	14.7	2	20.0	1	18	10	181
Tuesday	221	15.3	2	20.0	5	9	8	197
Wednesday	209	14.5	2	20.0	3	9	11	184
Thursday	235	16.3	0	0.0	2	12	10	211
Friday	243	16.8	1	10.0	9	9	13	211
Saturday	191	13.2	1	10.0	8	15	8	159
Sunday	133	9.2	2	20.0	7	11	9	104
Total	1,444	100.0	10	100.0	35	83	69	1,247

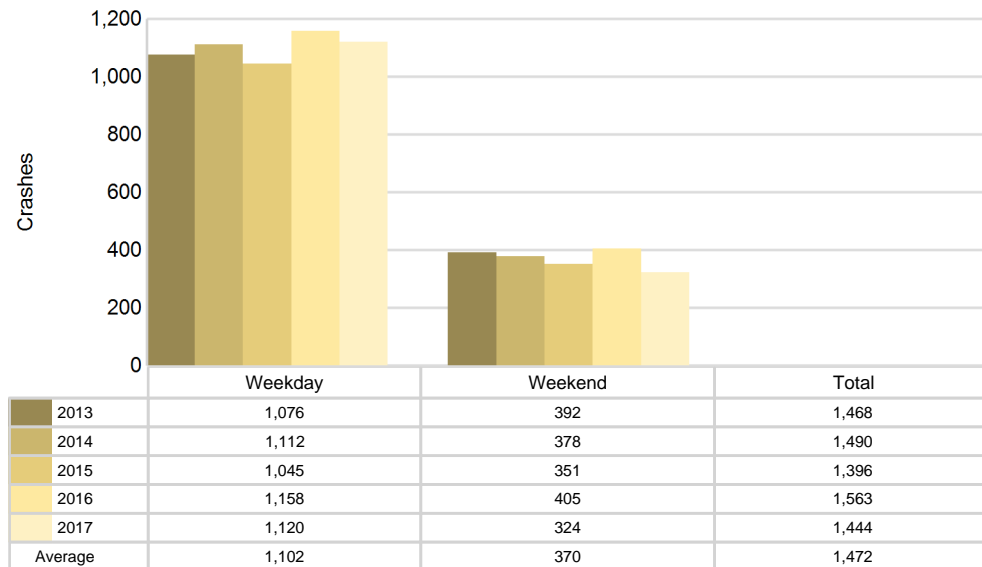
2017 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	1,076	7	1,112	9	1,045	3	1,158	2	1,120	7
Weekend	392	4	378	2	351	3	405	2	324	3
Total	1,468	11	1,490	11	1,396	6	1,563	4	1,444	10

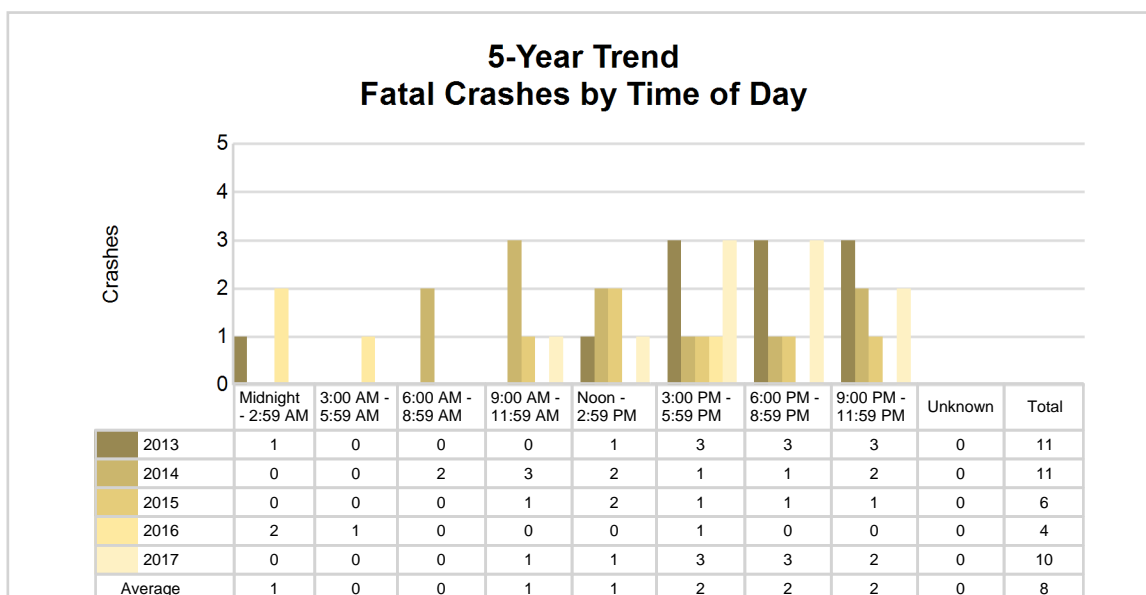
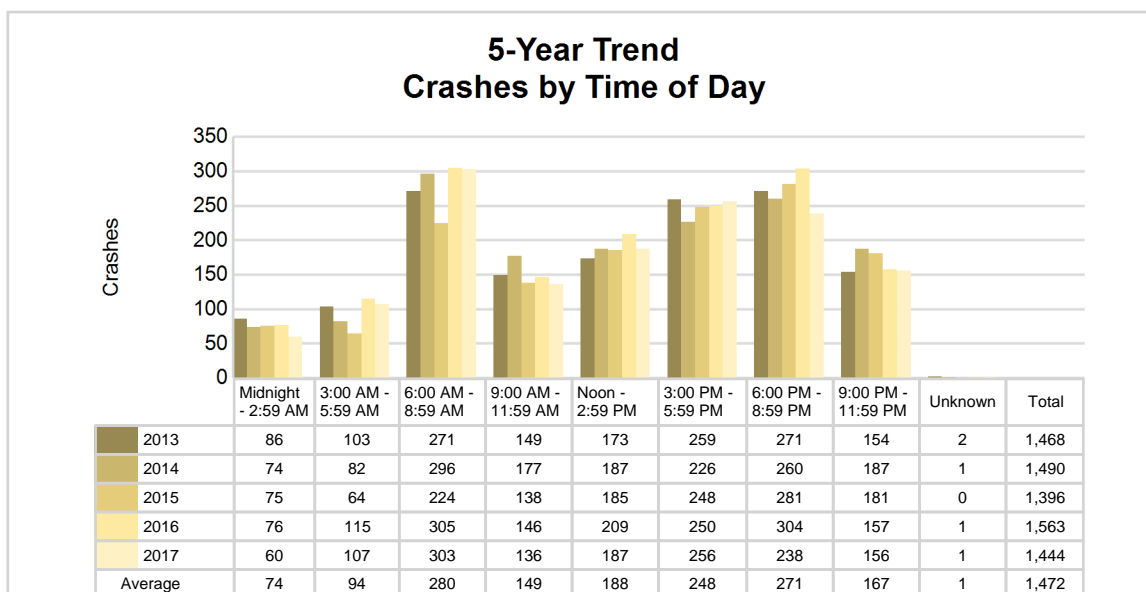
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

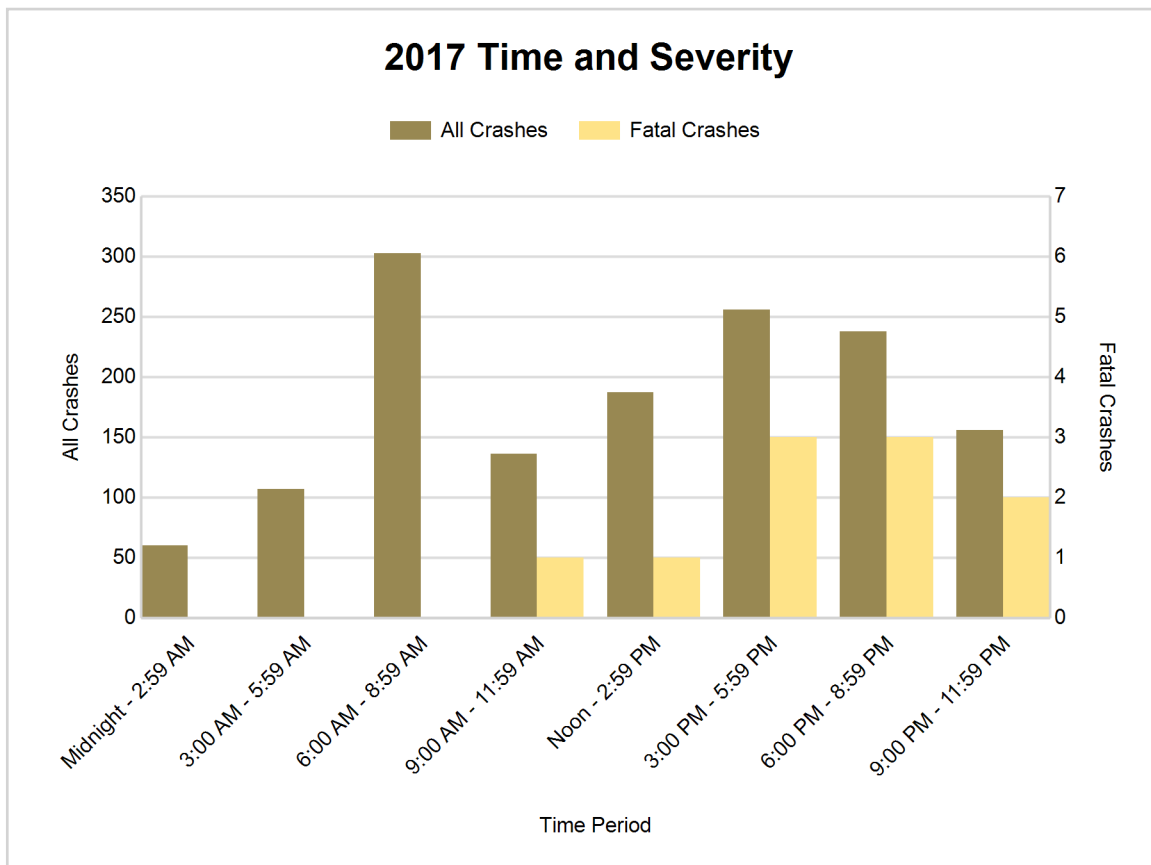
Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	86	1	74	0	75	0	76	2	60	0
3:00 AM - 5:59 AM	103	0	82	0	64	0	115	1	107	0
6:00 AM - 8:59 AM	271	0	296	2	224	0	305	0	303	0
9:00 AM - 11:59 AM	149	0	177	3	138	1	146	0	136	1
Noon - 2:59 PM	173	1	187	2	185	2	209	0	187	1
3:00 PM - 5:59 PM	259	3	226	1	248	1	250	1	256	3
6:00 PM - 8:59 PM	271	3	260	1	281	1	304	0	238	3
9:00 PM - 11:59 PM	154	3	187	2	181	1	157	0	156	2
Unknown	2	0	1	0	0	0	1	0	1	0
Total	1,468	11	1,490	11	1,396	6	1,563	4	1,444	10

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



2017 - Time and Severity

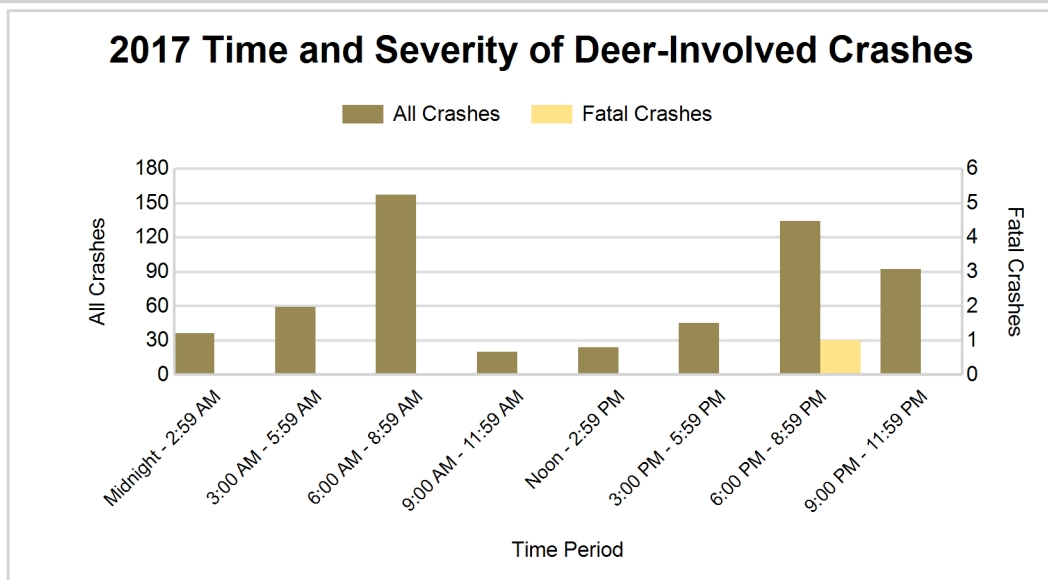
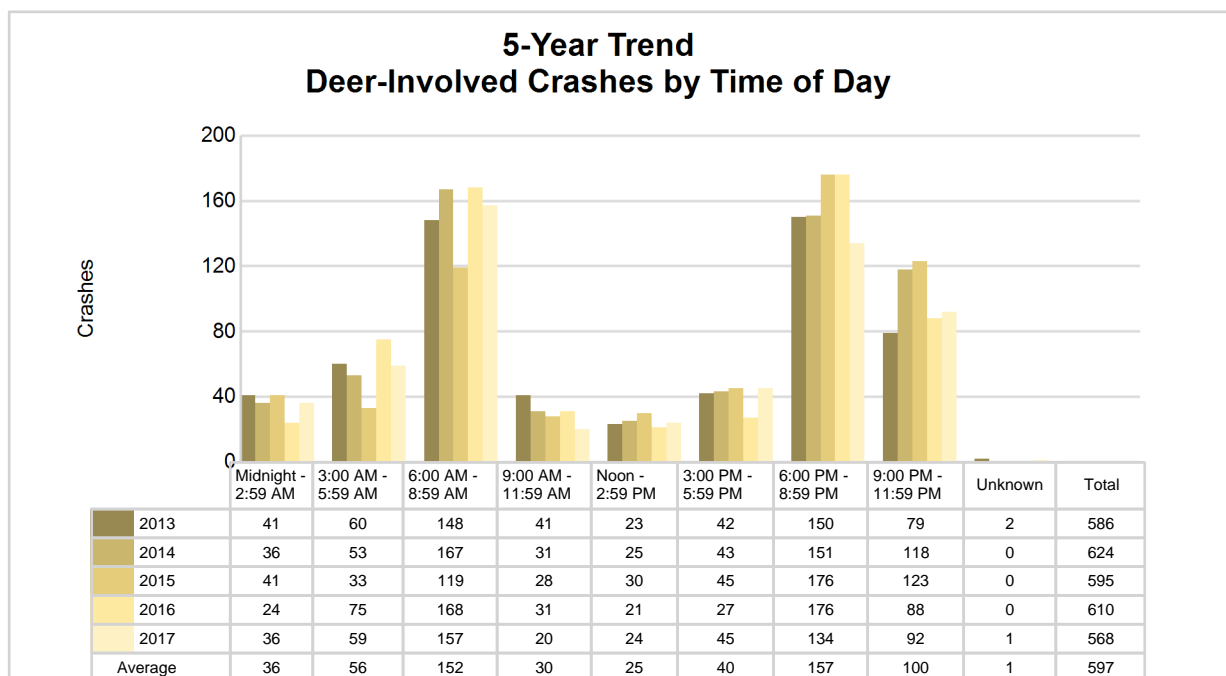
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	60	4.2	0	0.0	1	7	1	51
3:00 AM - 5:59 AM	107	7.4	0	0.0	4	5	3	95
6:00 AM - 8:59 AM	303	21.0	0	0.0	2	9	7	285
9:00 AM - 11:59 AM	136	9.4	1	10.0	5	8	12	110
Noon - 2:59 PM	187	13.0	1	10.0	7	14	14	151
3:00 PM - 5:59 PM	256	17.7	3	30.0	8	23	22	200
6:00 PM - 8:59 PM	238	16.5	3	30.0	8	10	8	209
9:00 PM - 11:59 PM	156	10.8	2	20.0	0	7	2	145
Unknown	1	0.1	0	0.0	0	0	0	1
Total	1,444	100.0	10	100.0	35	83	69	1,247



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

Time of Day	2013		2014		2015		2016		2017	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	41	0	36	0	41	0	24	0	36	0
3:00 AM - 5:59 AM	60	0	53	0	33	0	75	0	59	0
6:00 AM - 8:59 AM	148	0	167	0	119	0	168	0	157	0
9:00 AM - 11:59 AM	41	0	31	0	28	0	31	0	20	0
Noon - 2:59 PM	23	0	25	0	30	0	21	0	24	0
3:00 PM - 5:59 PM	42	0	43	0	45	0	27	0	45	0
6:00 PM - 8:59 PM	150	1	151	0	176	0	176	0	134	1
9:00 PM - 11:59 PM	79	0	118	0	123	1	88	0	92	0
Unknown	2	0	0	0	0	0	0	0	1	0
Total	586	1	624	0	595	1	610	0	568	1

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



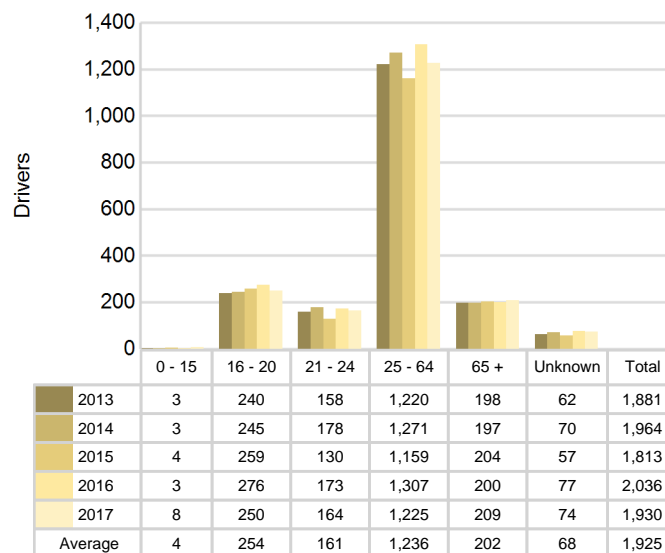
2017 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Assyria Twp.	38	0	3	35	0	0	15	23	4	0	22	0	5
Baltimore Twp.	52	0	5	47	0	0	30	22	3	0	16	0	10
Barry Twp.	57	0	8	49	0	0	11	46	3	0	21	0	8
Carlton Twp.	81	0	9	72	0	0	31	50	1	0	44	0	15
Castleton Twp.	46	0	6	40	0	0	21	25	1	0	22	0	6
Freeport	5	0	1	4	0	0	0	5	1	0	0	0	1
Hastings	169	3	24	142	0	0	92	77	4	1	11	3	35
Hastings Twp.	97	0	9	88	0	0	38	59	3	0	49	0	11
Hope Twp.	67	2	14	51	0	0	35	32	6	1	25	2	25
Irving Twp.	69	0	8	61	0	0	0	69	5	3	38	0	11
Johnstown Twp.	88	1	11	76	0	0	44	44	2	1	40	2	18
Maple Grove Twp.	45	0	5	40	0	0	22	23	1	1	30	0	7
Middleville	44	0	1	43	0	0	16	28	1	1	2	0	1
Nashville	23	0	2	21	0	0	17	5	1	0	6	0	2
Orangeville Twp.	49	0	10	39	0	0	0	49	0	0	19	0	11
Prairieville Twp.	88	1	12	75	0	0	29	59	4	1	46	1	13
Rutland Twp.	144	1	16	127	0	0	99	44	4	1	54	1	33
Thornapple Twp.	132	1	17	114	0	0	61	71	8	2	53	1	25
Woodland	4	0	1	3	0	0	1	3	0	0	0	0	1
Woodland Twp.	55	0	7	48	0	0	26	29	3	0	32	0	11
Yankee Springs Twp.	91	1	18	72	0	0	38	53	5	1	38	1	25
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,444	10	187	1,247	0	0	626	816	60	13	568	11	274

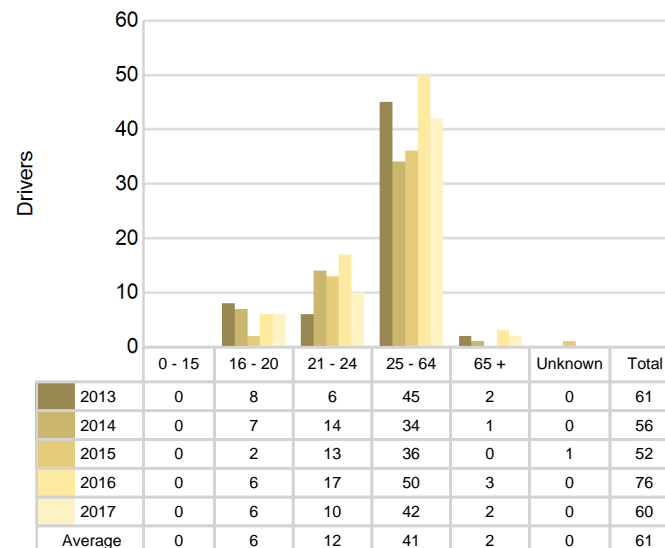
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2013		2014		2015		2016		2017	
	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking	Total Drivers in Crashes	Total Drivers Coded Drinking
0 - 15	3	0	3	0	4	0	3	0	8	0
16 - 20	240	8	245	7	259	2	276	6	250	6
21 - 24	158	6	178	14	130	13	173	17	164	10
25 - 64	1,220	45	1,271	34	1,159	36	1,307	50	1,225	42
65 +	198	2	197	1	204	0	200	3	209	2
Unknown	62	0	70	0	57	1	77	0	74	0
Total	1,881	61	1,964	56	1,813	52	2,036	76	1,930	60

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



2017 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

Age Group	Drivers				BAC Result Range for Drivers Coded Drinking				
	Total Drivers in Alcohol-Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	BAC 0.01 g/dL to 0.07 g/dL	BAC 0.08 g/dL to 0.16 g/dL	BAC 0.17 g/dL and Above	BAC Not Reported
0 - 15	0	0	0	0	0	0	0	0	0
16 - 20	6	6	5	6	0	1	4	0	1
21 - 24	14	9	9	10	0	2	4	3	1
25 - 64	46	43	35	42	1	8	11	6	16
65 +	2	5	2	2	0	0	1	0	1
Unknown	2	0	0	0	0	0	0	0	0
Total	70	63	51	60	1	11	20	9	19

Notes: BAC measured in grams (g) per deciliter (dL).

BAC may not be reported if drivers are not tested or if the results are not available immediately (as in the case of a blood test).

A driver may be coded by the officer as drinking even though no test is administered.

Alcohol-Involved Crashes

In 2017, there were 70 drivers in alcohol-involved crashes; 60 (85.7%) of those drivers were coded as had-been-drinking by the officer on the crash form.

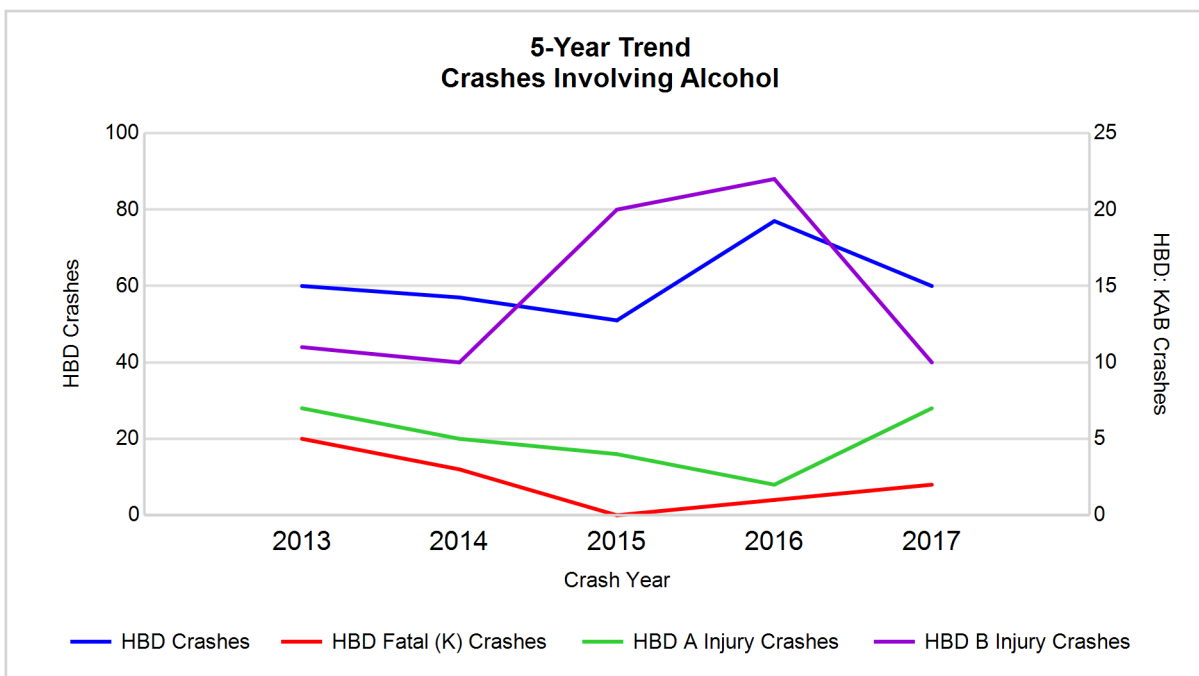
- 29 (48.3%) of the 60 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 9 (31.0%) of the 29 drivers had a BAC at or above 0.17 g/dL.
- 51 (85.0%) of the 60 drivers were coded as had-been-drinking and were tested for alcohol consumption.

5-Year Trend - Crashes Involving Alcohol

Year	All Crashes	HBD Crashes	% HBD	Fatal Crashes	HBD Fatal Crashes	% HBD	A Injury Crashes	HBD A Injury Crashes	% HBD	B Injury Crashes	HBD B Injury Crashes	% HBD
2013	1,468	60	4.1	11	5	45.5	24	7	29.2	88	11	12.5
2014	1,490	57	3.8	11	3	27.3	35	5	14.3	70	10	14.3
2015	1,396	51	3.7	6	0	0.0	22	4	18.2	83	20	24.1
2016	1,563	77	4.9	4	1	25.0	31	2	6.5	113	22	19.5
2017	1,444	60	4.2	10	2	20.0	35	7	20.0	83	10	12.0*

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



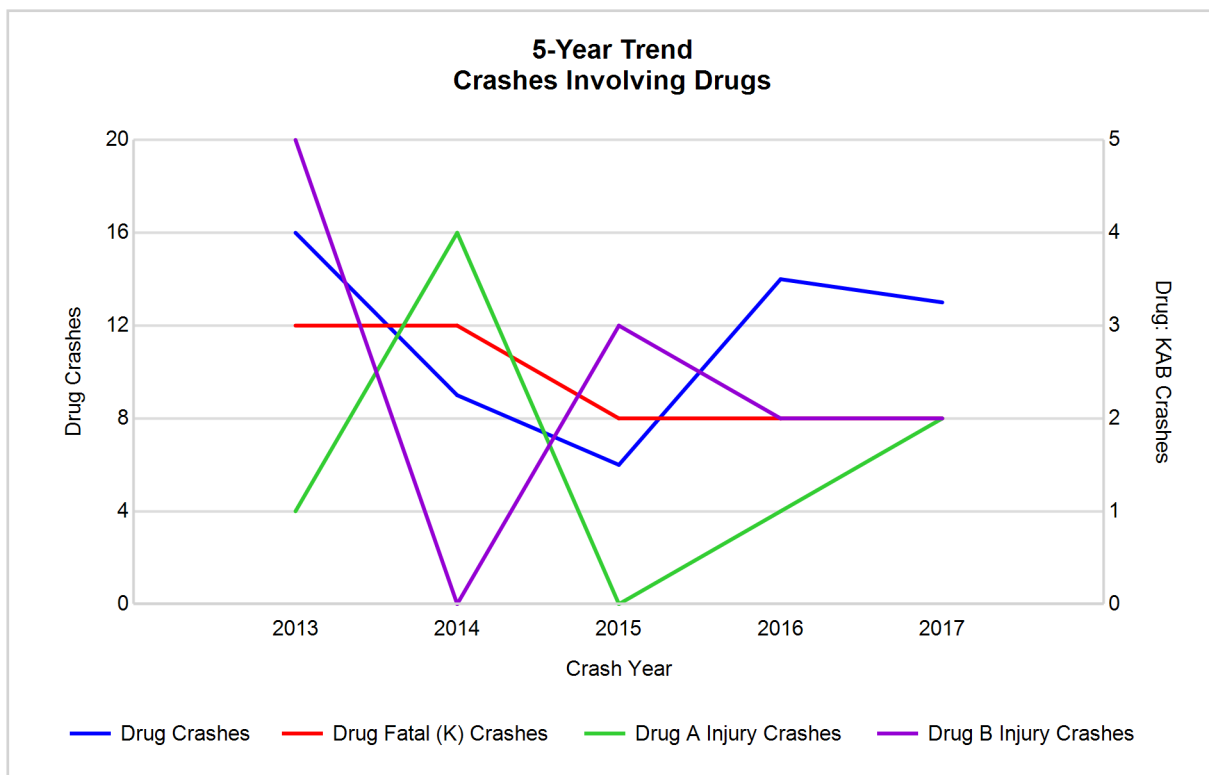
Note: Had-Been-Drinking (HBD)

5-Year Trend - Crashes Involving Drugs

Year	All Crashes	Drug Crashes	% Drug	Fatal Crashes	Drug Fatal Crashes	% Drug	A Injury Crashes	Drug A Injury Crashes	% Drug	B Injury Crashes	Drug B Injury Crashes	% Drug
2013	1,468	16	1.1	11	3	27.3	24	1	4.2	88	5	5.7
2014	1,490	9	0.6	11	3	27.3	35	4	11.4	70	0	0.0
2015	1,396	6	0.4	6	2	33.3	22	0	0.0	83	3	3.6
2016	1,563	14	0.9	4	2	50.0	31	1	3.2	113	2	1.8
2017	1,444	13	0.9	10	2	20.0*	35	2	5.7	83	2	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

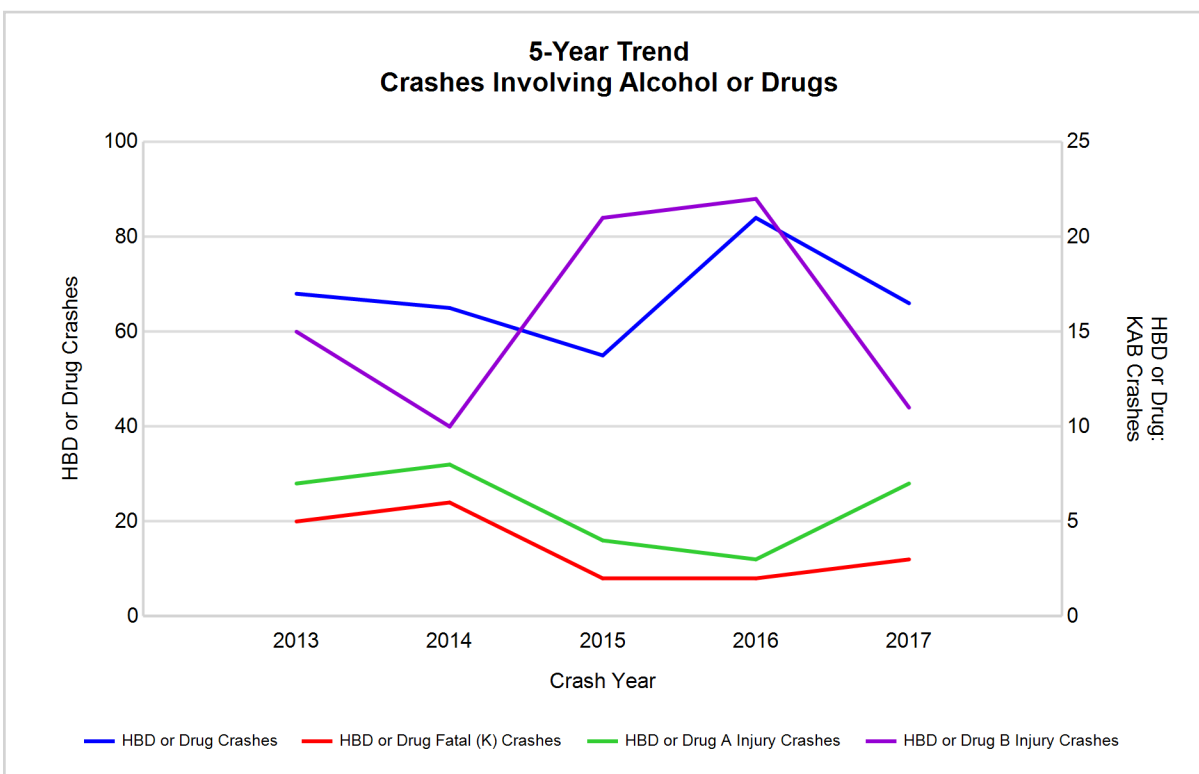


5-Year Trend - Crashes Involving Alcohol or Drugs

Year	All Crashes	HBD or Drug Crashes	% HBD or Drug	Fatal Crashes	HBD or Drug Fatal Crashes	% HBD or Drug	A Injury Crashes	HBD or Drug A Injury Crashes	% HBD or Drug	B Injury Crashes	HBD or Drug B Injury Crashes	% HBD or Drug
2013	1,468	68	4.6	11	5	45.5	24	7	29.2	88	15	17.0
2014	1,490	65	4.4	11	6	54.5	35	8	22.9	70	10	14.3
2015	1,396	55	3.9	6	2	33.3	22	4	18.2	83	21	25.3
2016	1,563	84	5.4	4	2	50.0	31	3	9.7	113	22	19.5
2017	1,444	66	4.6	10	3	30.0*	35	7	20.0	83	11	13.3*

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

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



Note: Had-Been-Drinking (HBD)

2017 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Vehicle Type

Vehicle Type	Total Occupants			Fatalities			A - Suspected Serious			B - Suspected Minor			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
Passenger car, SUV, van	1,456	1,390	95.5	2	0	0.0	19	16	84.2	78	75	96.2	85	85	100.0	1,223	1,204	98.4
Motor home	12	11	91.7	0	0	0.0	1	1	100.0	1	1	100.0	0	0	0.0	10	9	90.0
Pickup truck	358	328	91.6	1	1	100.0	3	0	0.0	22	17	77.3	20	17	85.0	297	288	97.0
Small truck under 10,000 lbs. GVWR	16	15	93.8	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	14	14	100.0
Motorcycle	32	16	50.0	5	3	60.0	8	5	62.5	8	3	37.5	2	2	100.0	8	3	37.5
Moped / goped	1	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Go-cart / golf cart	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Snowmobile	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Off-Road Vehicle - ORV / All-Terrain Vehicle - ATV	9	2	22.2	0	0	0.0	1	0	0.0	4	0	0.0	1	1	100.0	3	1	33.3
Other	13	9	69.2	0	0	0.0	1	1	100.0	0	0	0.0	0	0	0.0	12	8	66.7
Truck/bus over 10,000 lbs.	28	27	96.4	0	0	0.0	0	0	0.0	0	0	0.0	2	2	100.0	25	25	100.0
Unknown	79	63	79.7	0	0	0.0	1	1	100.0	2	2	100.0	6	5	83.3	54	54	100.0
Total	2,004	1,861	92.9	8	4	0.0	35	24	68.6	115	98	85.2	117	113	96.6	1,646	1,606	97.6

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

2017 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Age

Age Group	Total Occupants			Fatalities			A - Suspected Serious			B - Suspected Minor			C - Possible Injury			No Injury		
	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
0 - 15	30	24	80.0	0	0	0.0	1	0	0.0	7	4	57.1	16	16	100.0	6	4	66.7
16 - 20	264	254	96.2	1	0	0.0	4	1	25.0	20	17	85.0	13	13	100.0	222	220	99.1
21 - 24	168	160	95.2	0	0	0.0	0	0	0.0	16	12	75.0	12	11	91.7	137	135	98.5
25 - 64	1,249	1,208	96.7	4	2	50.0	23	16	69.6	62	55	88.7	65	64	98.5	1,086	1,062	97.8
65 +	217	215	99.1	3	2	66.7	7	7	100.0	10	10	100.0	9	9	100.0	186	185	99.5
Unknown	76	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	0	0.0	9	0	0.0
Total	2,004	1,861	92.9	8	4	0.0	35	24	68.6	115	98	85.2	117	113	96.6	1,646	1,606	97.6

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

5-Year Trend - Restraint Use Among Drivers

Restraint Use	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	6	0	0	14	1	3	10	0	3	4	0	1	6	0	2
Shoulder belt only used	0	0	0	0	0	0	8	0	0	7	0	1	5	0	0
Lap belt only used	5	0	0	3	0	0	2	0	0	2	0	0	7	0	1
Both lap & shoulder belts used	1,748	3	166	1,815	5	165	1,668	4	158	1,859	1	187	1,768	0	164
No belts used	24	2	15	17	4	7	20	1	9	18	1	12	15	2	6
Child restraint used	0	0	0	0	0	0	0	0	0	2	0	0	3	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	2	0	1	0	0	0	1	0	1	1	1	0	0	0	0
Restraint use unknown	22	1	2	20	0	6	20	0	4	47	1	5	57	0	5
Helmet worn	12	2	7	10	0	8	14	0	8	21	0	15	16	2	10
Helmet not worn	4	0	4	10	0	7	9	0	6	8	0	7	10	1	5
Helmet use unknown	2	1	0	8	0	3	2	0	0	6	0	3	7	0	3
Uncoded & errors	56	0	1	67	0	1	59	0	1	61	0	0	36	0	0
Total	1,881	9	196	1,964	10	200	1,813	5	190	2,036	4	231	1,930	5	196

5-Year Trend - Restraint Use Among Drivers Coded Drinking

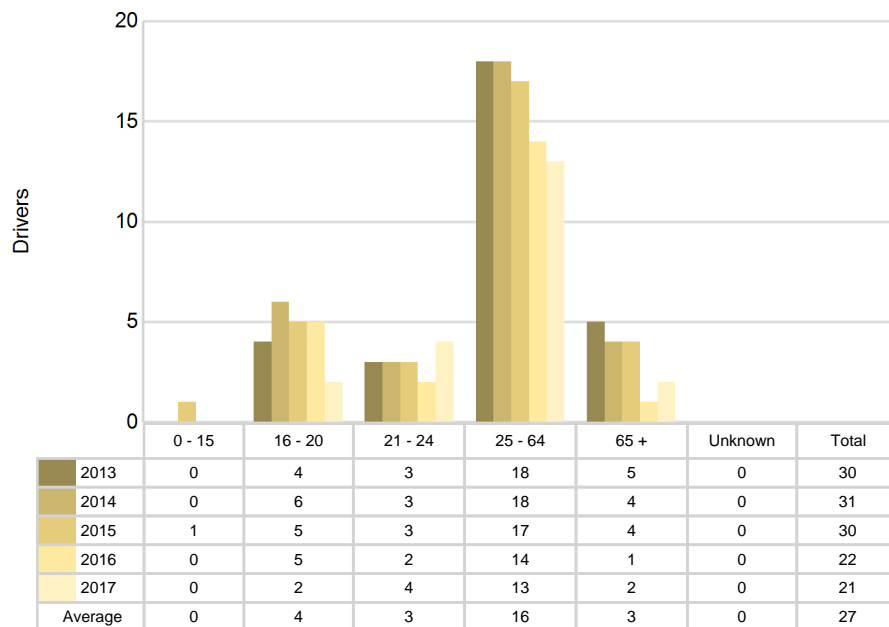
Restraint Use	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	0	0	0	1	0	1	0	0	0	0	0	0	2	0	2
Shoulder belt 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	1	0	0
Both lap & shoulder belts used	43	1	15	45	1	12	37	0	18	59	0	18	49	0	12
No belts used	6	1	4	3	1	1	6	0	4	4	0	4	5	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	1	1	0	0	0	0
Restraint use unknown	11	1	2	4	0	2	6	0	1	7	0	2	2	0	1
Helmet worn	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0
Helmet not worn	1	0	1	1	0	1	1	0	1	3	0	3	1	0	1
Helmet use unknown	0	0	0	2	0	1	0	0	0	1	0	1	0	0	0
Uncoded & errors	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Total	61	3	22	56	2	18	52	0	25	76	1	29	60	1	19

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

Age Group	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
16 - 20	4	0	4	6	1	1	5	0	3	5	1	3	2	0	1
21 - 24	3	0	3	3	0	2	3	0	1	2	0	2	4	0	3
25 - 64	18	1	8	18	3	6	17	0	8	14	0	8	13	1	4
65 +	5	1	0	4	1	1	4	1	0	1	0	0	2	1	0
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	30	2	15	31	5	10	30	1	12	22	1	13	21	2	8

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

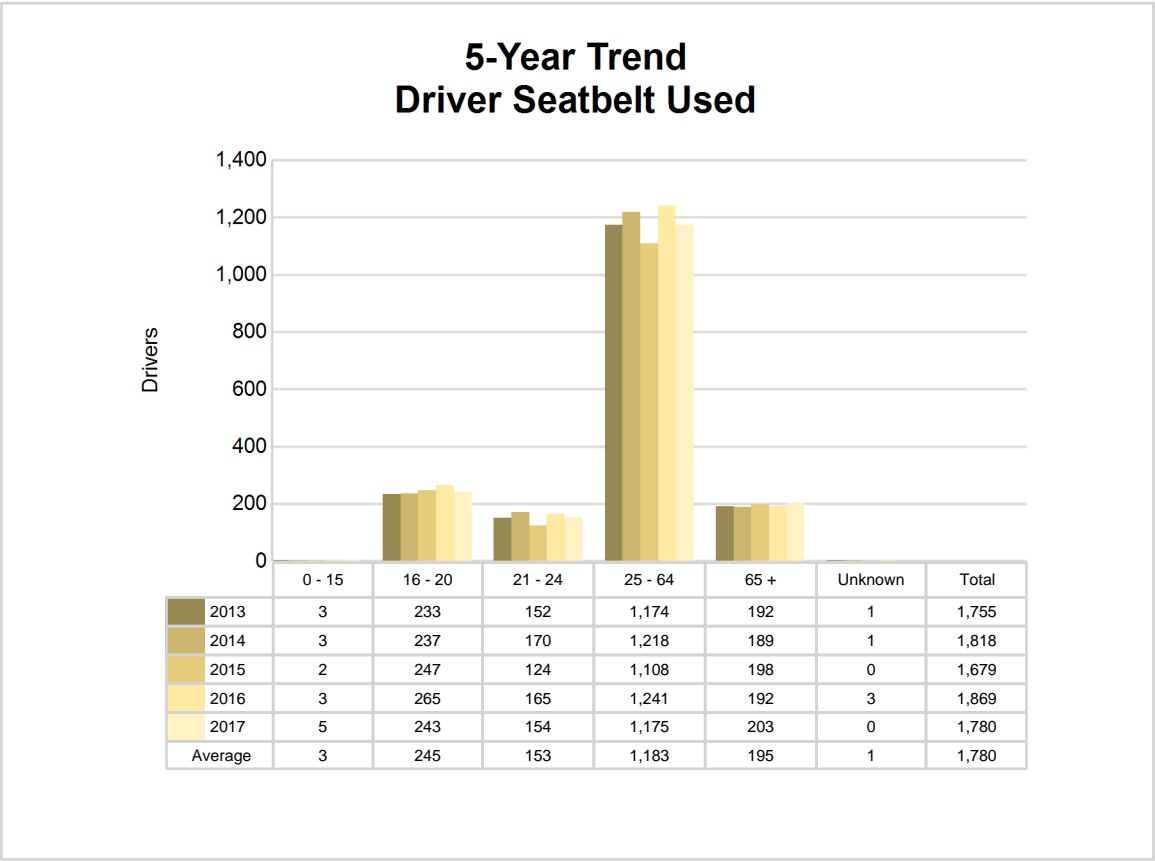
5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

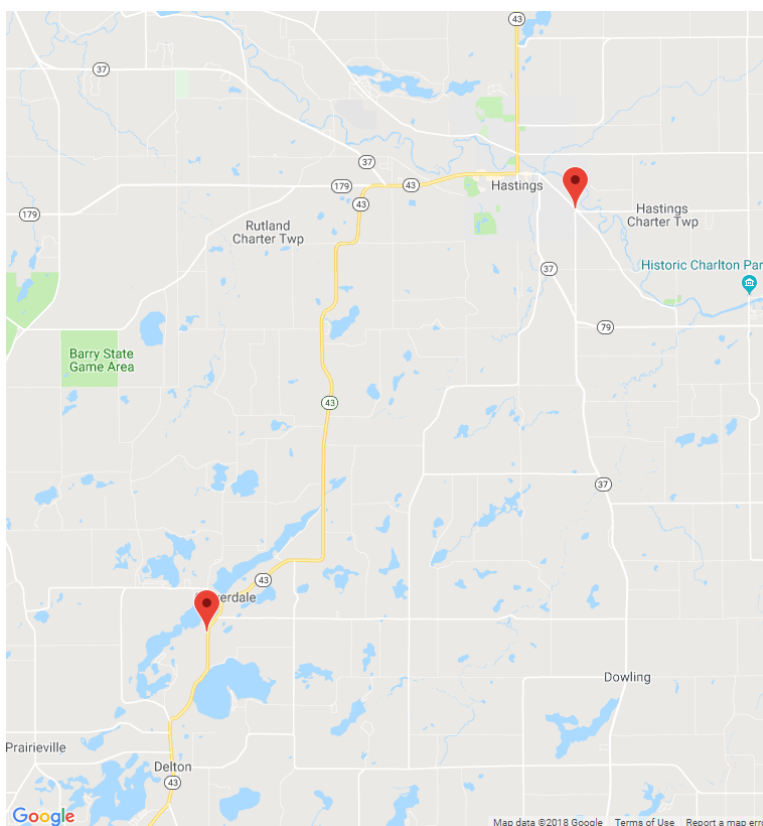
Age Group	2013			2014			2015			2016			2017		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	3	0	0	3	0	0	2	0	1	3	0	2	5	0	2
16 - 20	233	0	36	237	0	30	247	0	30	265	0	33	243	0	20
21 - 24	152	1	11	170	0	13	124	1	15	165	0	21	154	0	17
25 - 64	1,174	1	103	1,218	3	107	1,108	2	99	1,241	2	110	1,175	0	109
65 +	192	1	17	189	2	15	198	1	14	192	0	22	203	0	17
Unknown	1	0	0	1	0	0	0	0	0	3	0	0	0	0	0
Total	1,755	3	167	1,818	5	165	1,679	4	159	1,869	2	188	1,780	0	165

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



5-Year Trend - Drivers in Crashes by Hazardous Action

Hazardous Action	2013		2014		2015		2016		2017	
	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes	Total Drivers in Crashes	Drivers in Fatal Crashes
None	1,100	4	1,172	9	1,116	5	1,158	1	1,132	4
Speed too fast	196	1	180	1	159	1	228	0	177	3
Speed too slow	1	0	1	0	1	0	0	0	1	0
Failed to yield	107	0	143	4	130	1	135	0	127	0
Disregard traffic control	19	0	24	0	16	0	19	0	26	0
Drove wrong way	0	0	0	0	0	0	0	0	1	0
Drove left of center	16	0	23	3	17	0	18	1	18	1
Improper passing	15	0	15	0	15	0	9	0	12	0
Improper lane use	7	0	8	0	9	0	9	0	10	0
Improper turn	8	0	12	0	7	0	13	0	14	0
Improper/no signal	2	0	3	0	1	0	2	0	5	0
Improper backing	32	0	37	0	30	0	43	0	32	0
Unable to stop in assured clear distance	150	1	125	0	117	0	154	0	159	0
Other	91	1	91	0	55	1	89	1	74	3
Unknown	24	4	12	0	15	1	45	0	37	1
Reckless driving	7	1	6	0	10	0	13	2	6	0
Careless/negligent driving	68	2	69	1	97	1	75	0	82	0
Uncoded & errors	38	1	43	0	18	0	26	0	17	0
Total	1,881	15	1,964	18	1,813	10	2,036	5	1,930	12



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

In 2017, there were 60 alcohol-involved crashes in Barry County:

- 2 K - Fatal Crashes
- 7 A - Suspected Serious Injury Crashes
- 10 B - Suspected Minor Injury Crashes
- 1 C - Possible Injury Crash
- 40 O - Property Damage Only/No Injury Crashes

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