



2016

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

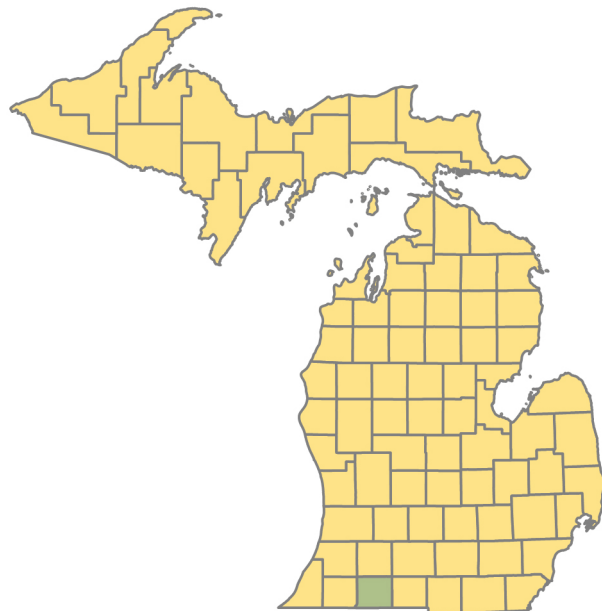
O = No Injury

Property Damage Only (PDO)



St. Joseph County

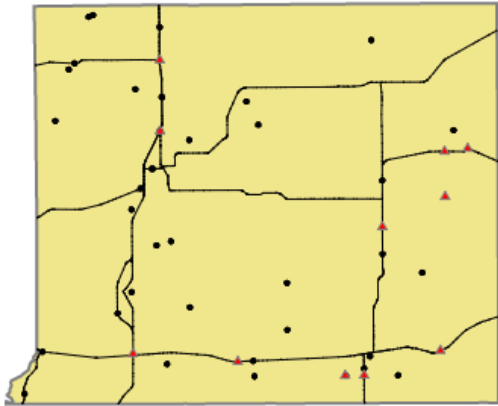
2016 Traffic Crash Data & 2012-2016 5-Year Trends



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 (11/11)
- A - Suspected Serious (38/38)

St. Joseph County

In 2016:

There were 2,435 drivers involved in 1,676 motor vehicle crashes in St. Joseph County. Of those crashes, 11 were classified as fatal, resulting in 11 fatalities. An additional 427 persons were injured.

St. Joseph County experienced the highest number of motor vehicle crashes (187) in December, the highest number of fatal crashes (2) and the highest number of persons killed (2) in February, August, and September.

Michigan driver statistics indicate 6.4 percent of licensed drivers in St. Joseph County were age 16-20, and 10.5 percent of drivers in crashes were also in that age group.

2016 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	157	0	21	136	0	31
February	176	2	31	143	2	48
March	137	0	19	118	0	27
April	112	1	21	90	1	23
May	111	1	19	91	1	21
June	124	0	33	91	0	46
July	117	1	26	90	1	40
August	123	2	37	84	2	46
September	128	2	28	98	2	49
October	132	1	25	106	1	34
November	172	0	19	153	0	30
December	187	1	22	164	1	32
Total	1,676	11	301	1,364	11	427

2016 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2016 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	13,364	293	10	7.5	341.3
16 - 20	3,750	2,698	256	682.7	948.9
21 - 24	2,946	2,550	191	648.3	749.0
25 - 64	30,393	27,337	1,535	505.1	561.5
65 +	10,400	9,409	309	297.1	328.4
Unknown	0	0	134	--	--
Total	60,853	42,287	2,435	400.1	575.8

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	1,736	71.3	12	63.2	314	1,410
Motor home	33	1.4	0	0.0	10	23
Pickup truck	482	19.8	3	15.8	95	384
Small truck under 10,000 lbs. GVWR	15	0.6	0	0.0	3	12
Motorcycle	28	1.1	1	5.3	23	4
Moped / goped	5	0.2	0	0.0	3	2
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	0	0.0	0	0.0	0	0
Other	18	0.7	0	0.0	4	14
Truck/bus over 10,000 lbs.	78	3.2	3	15.8	17	58
Unknown	40	1.6	0	0.0	2	38
Total	2,435	100.0	19	100.0	471	1,945

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	216	1	137	1	196	0	157	0	157	0
February	150	1	148	0	128	1	140	0	176	2
March	95	0	117	0	141	1	120	0	137	0
April	103	0	84	2	83	2	99	0	112	1
May	113	1	114	1	85	2	108	0	111	1
June	114	1	102	1	112	0	118	2	124	0
July	111	0	104	1	130	1	113	1	117	1
August	99	0	103	1	77	1	107	1	123	2
September	98	0	113	0	114	0	143	0	128	2
October	158	0	140	2	160	0	161	0	132	1
November	144	1	180	1	195	0	182	0	172	0
December	150	2	174	0	122	1	155	0	187	1
Total	1,551	7	1,516	10	1,543	9	1,603	4	1,676	11

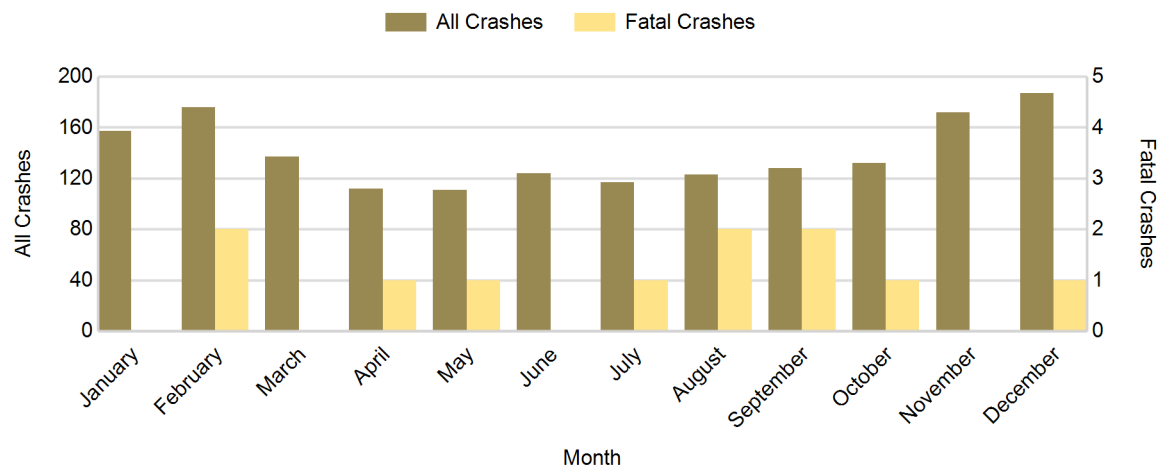
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

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	232	1	225	0	201	1	235	0	244	3
Tuesday	205	0	244	0	217	0	215	1	252	1
Wednesday	225	1	219	3	237	2	259	1	246	2
Thursday	208	2	215	1	259	2	249	0	258	2
Friday	298	0	226	1	249	1	249	1	284	1
Saturday	203	0	214	2	211	0	228	1	187	2
Sunday	180	3	173	3	169	3	168	0	205	0
Total	1,551	7	1,516	10	1,543	9	1,603	4	1,676	11

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

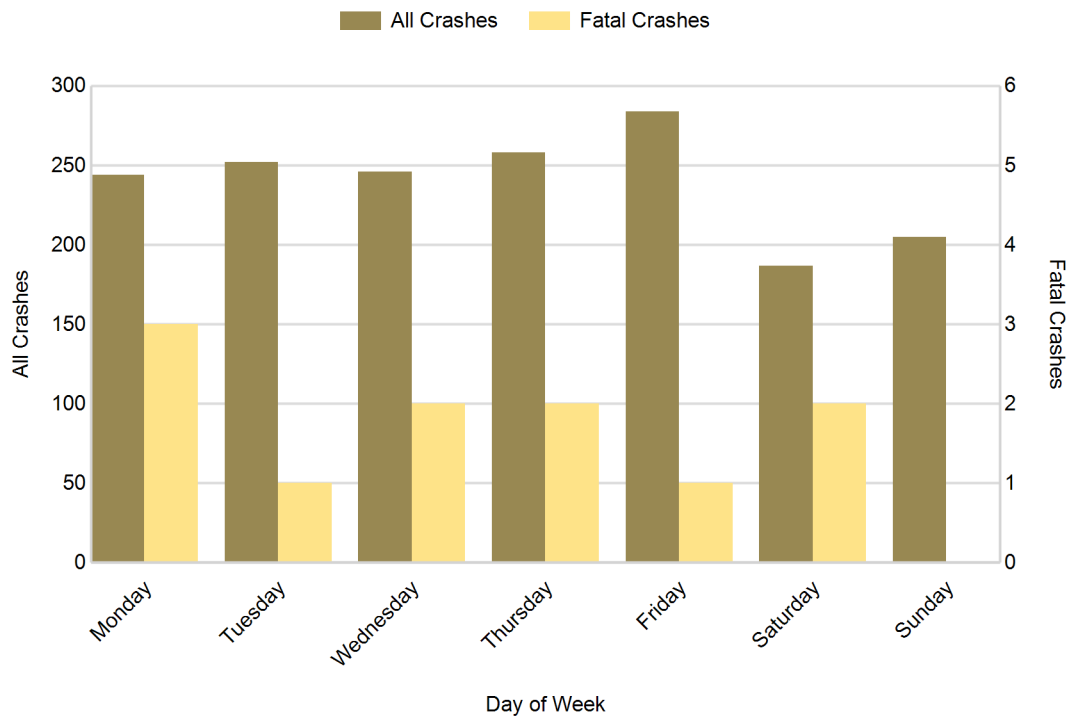
2016 Crashes by Month



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	244	14.6	3	27.3	3	16	21	201
Tuesday	252	15.0	1	9.1	7	14	25	205
Wednesday	246	14.7	2	18.2	3	10	28	203
Thursday	258	15.4	2	18.2	6	13	26	211
Friday	284	16.9	1	9.1	5	19	30	229
Saturday	187	11.2	2	18.2	4	13	15	153
Sunday	205	12.2	0	0.0	10	17	16	162
Total	1,676	100.0	11	100.0	38	102	161	1,364

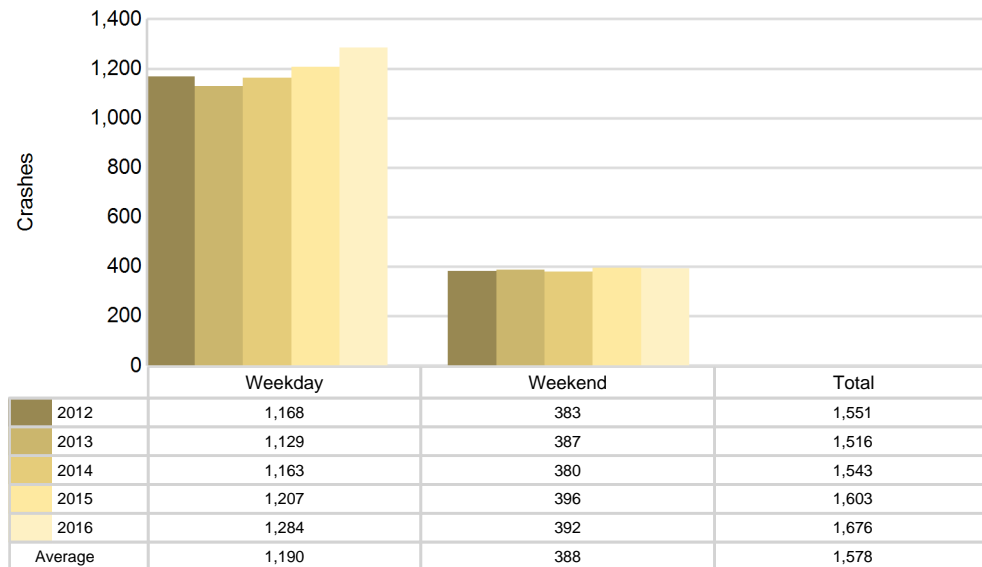
2016 Day of Week and Severity



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	1,168	4	1,129	5	1,163	6	1,207	3	1,284	9
Weekend	383	3	387	5	380	3	396	1	392	2
Total	1,551	7	1,516	10	1,543	9	1,603	4	1,676	11

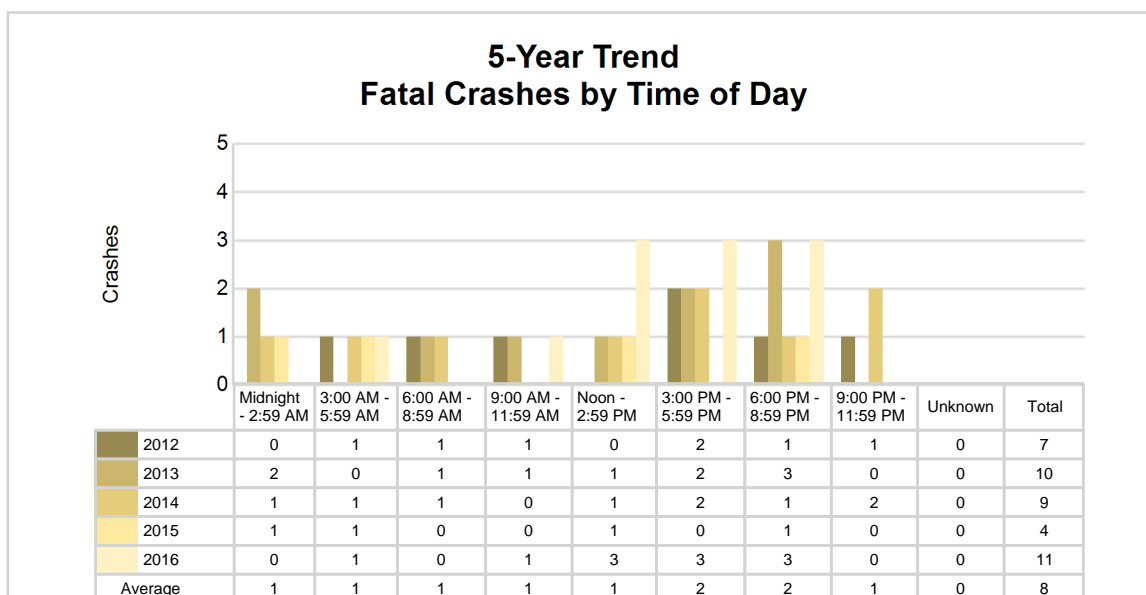
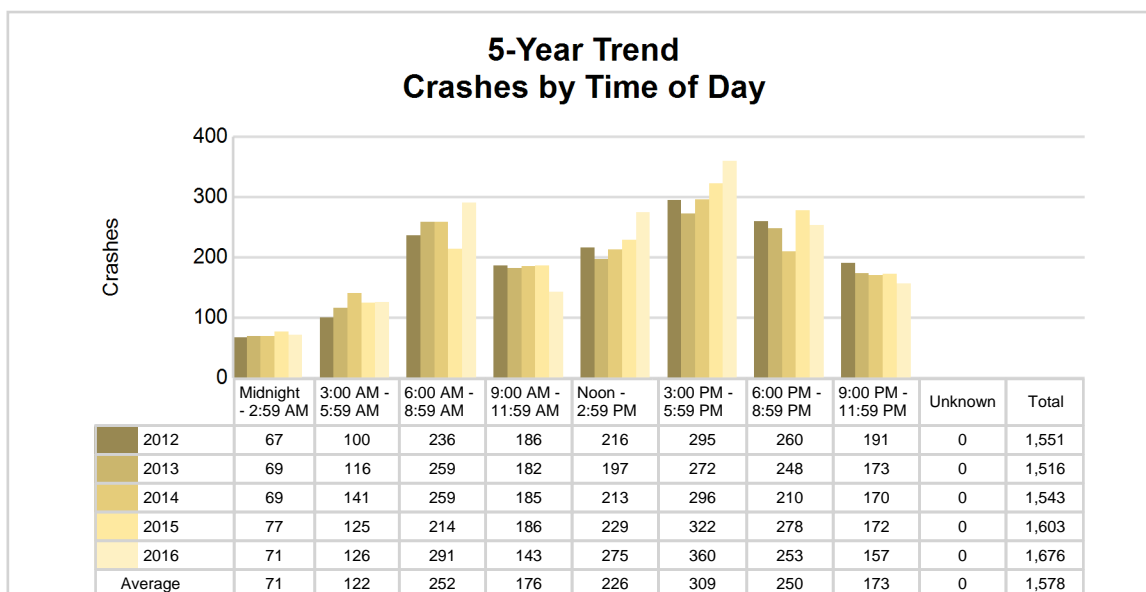
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

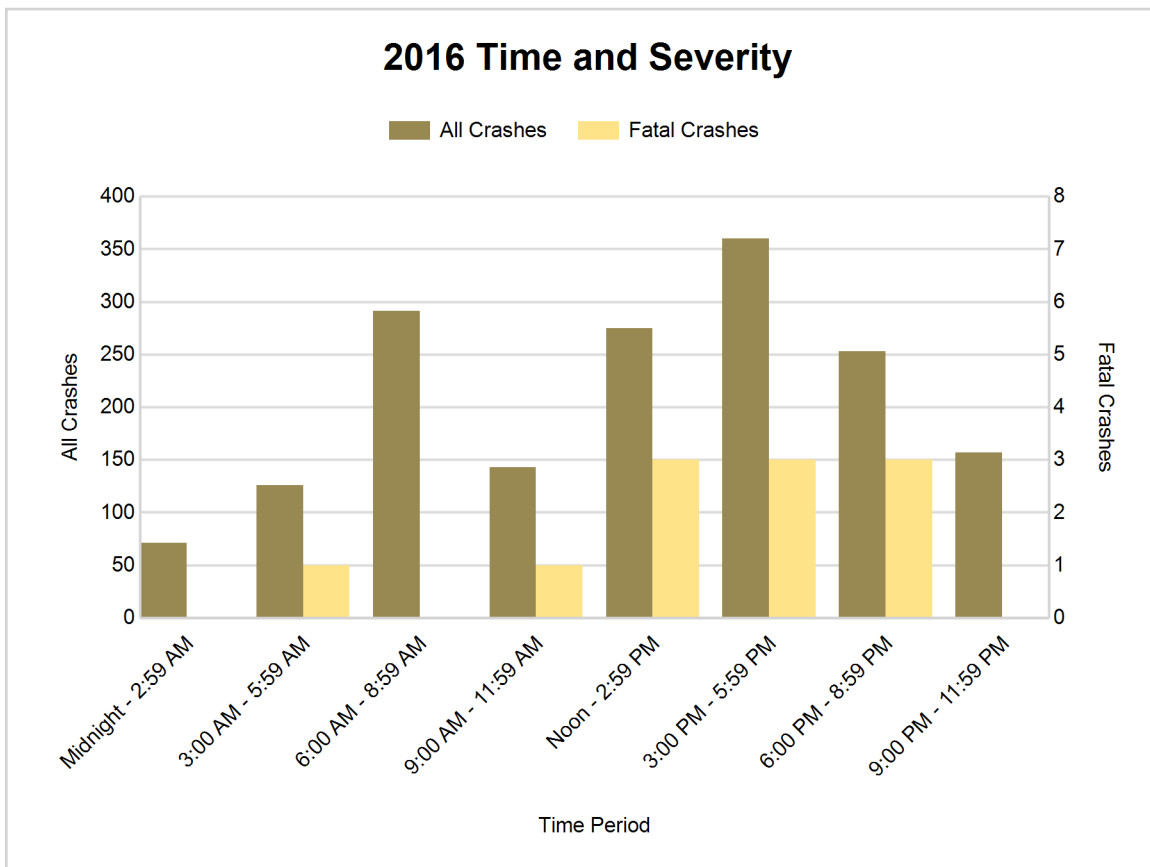
Time of Day	2012		2013		2014		2015		2016	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	67	0	69	2	69	1	77	1	71	0
3:00 AM - 5:59 AM	100	1	116	0	141	1	125	1	126	1
6:00 AM - 8:59 AM	236	1	259	1	259	1	214	0	291	0
9:00 AM - 11:59 AM	186	1	182	1	185	0	186	0	143	1
Noon - 2:59 PM	216	0	197	1	213	1	229	1	275	3
3:00 PM - 5:59 PM	295 †	2	272 †	2	296 †	2	322 †	0	360 †	3
6:00 PM - 8:59 PM	260	1	248	3	210	1	278	1	253	3
9:00 PM - 11:59 PM	191	1	173	0	170	2	172	0	157	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	1,551	7	1,516	10	1,543	9	1,603	4	1,676	11

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



2016 - Time and Severity

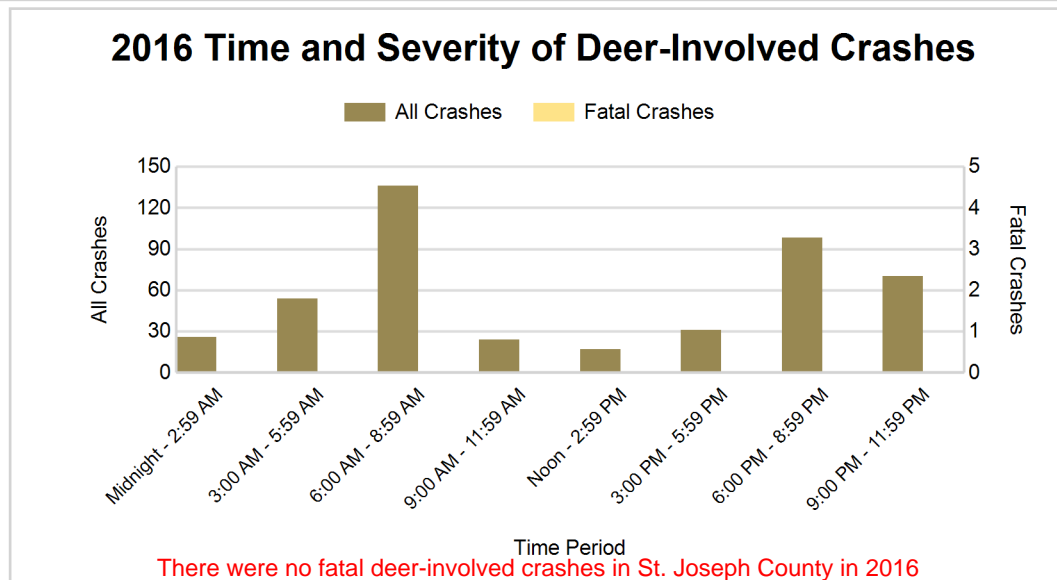
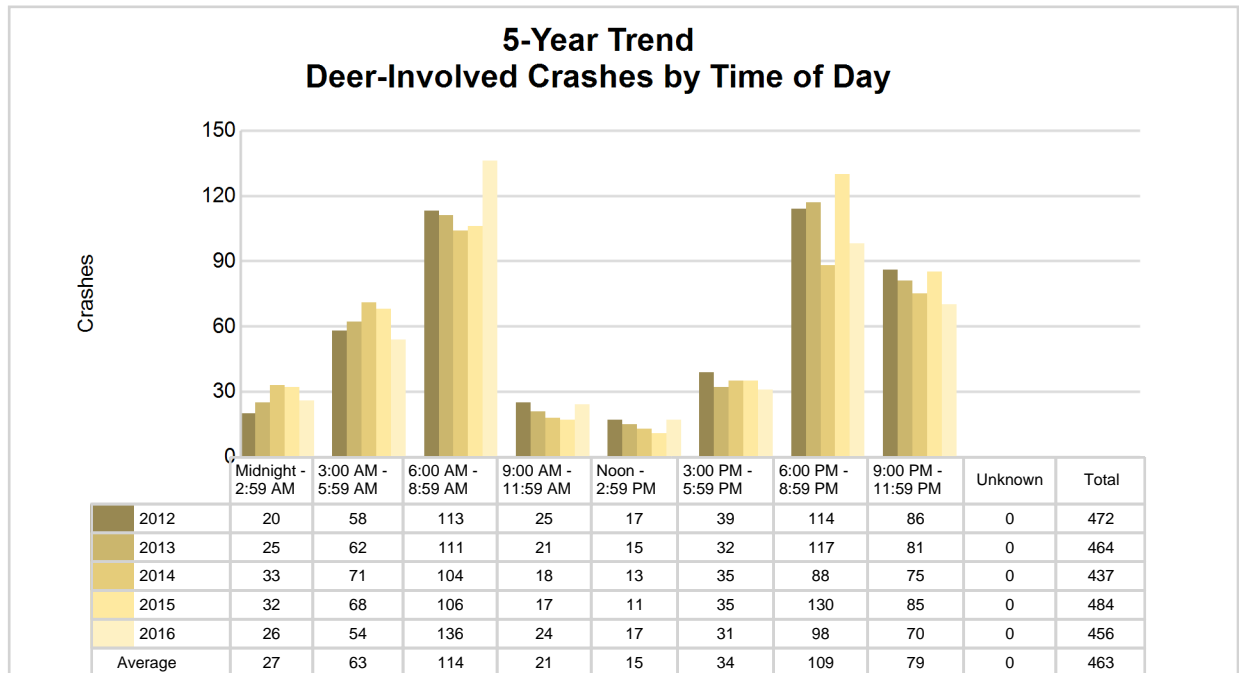
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	71	4.2	0	0.0	2	5	7	57
3:00 AM - 5:59 AM	126	7.5	1	9.1	3	5	8	109
6:00 AM - 8:59 AM	291	17.4	0	0.0	2	11	24	254
9:00 AM - 11:59 AM	143	8.5	1	9.1	4	7	15	116
Noon - 2:59 PM	275	16.4	3	27.3	8	18	27	219
3:00 PM - 5:59 PM	360	21.5	3	27.3	10	30	45	272
6:00 PM - 8:59 PM	253	15.1	3	27.3	5	18	21	206
9:00 PM - 11:59 PM	157	9.4	0	0.0	4	8	14	131
Unknown	0	0.0	0	0.0	0	0	0	0
Total	1,676	100.0	11	100.0	38	102	161	1,364



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	20	0	25	0	33	0	32	0	26	0
3:00 AM - 5:59 AM	58	0	62	0	71	0	68	0	54	0
6:00 AM - 8:59 AM	113	0	111	0	104	0	106	0	136	0
9:00 AM - 11:59 AM	25	0	21	0	18	0	17	0	24	0
Noon - 2:59 PM	17	0	15	0	13	0	11	0	17	0
3:00 PM - 5:59 PM	39	0	32	0	35	0	35	0	31	0
6:00 PM - 8:59 PM	114	0	117	0	88	0	130	0	98	0
9:00 PM - 11:59 PM	86	0	81	0	75	0	85	0	70	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	472	0	464	0	437	0	484	0	456	0

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



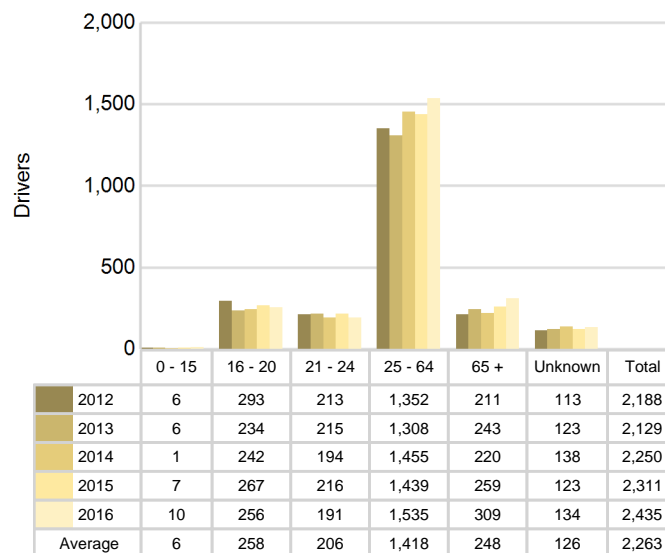
2016 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Burr Oak	2	0	0	2	0	0	0	2	0	0	1	0	0
Burr Oak Twp.	40	0	8	32	0	5	0	35	0	0	13	0	9
Centreville	8	0	2	6	0	0	5	3	0	0	1	0	4
Colon	22	1	2	19	0	0	16	6	0	0	5	1	3
Colon Twp.	53	2	4	47	0	0	12	41	6	0	24	2	9
Constantine	17	0	2	15	0	9	0	8	2	1	1	0	2
Constantine Twp.	71	0	10	61	0	37	0	33	2	1	15	0	13
Fabius Twp.	131	0	27	104	0	39	29	63	7	4	39	0	38
Fawn River Twp.	42	1	5	36	0	8	0	34	2	1	12	1	10
Florence Twp.	57	0	16	41	0	0	0	57	0	0	17	0	21
Flowerfield Twp.	43	0	15	28	0	0	27	16	7	1	15	0	21
Leonidas Twp.	54	0	7	47	0	0	22	31	3	0	33	0	8
Lockport Twp.	90	1	20	69	0	22	22	46	5	3	27	1	31
Mendon	9	0	2	7	0	0	6	3	1	0	2	0	2
Mendon Twp.	53	0	8	45	0	0	22	31	1	0	32	0	8
Mottville Twp.	57	0	10	47	0	26	9	22	2	0	11	0	13
Nottawa Twp.	95	0	20	75	0	0	39	56	4	0	45	0	32
Park Twp.	116	1	19	96	0	46	11	59	5	1	41	1	31
Sherman Twp.	158	1	21	136	0	0	35	122	5	2	83	1	27
Sturgis	217	1	31	185	0	49	79	88	6	1	4	1	39
Sturgis Twp.	64	1	15	48	0	26	5	32	4	0	11	1	19
Three Rivers	173	0	33	140	0	46	67	60	5	4	5	0	46
White Pigeon	39	1	8	30	0	35	0	4	0	1	0	1	15
White Pigeon Twp.	65	1	16	48	0	26	0	39	6	0	19	1	26
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,676	11	301	1,364	0	374	406	891	73	20	456	11	427

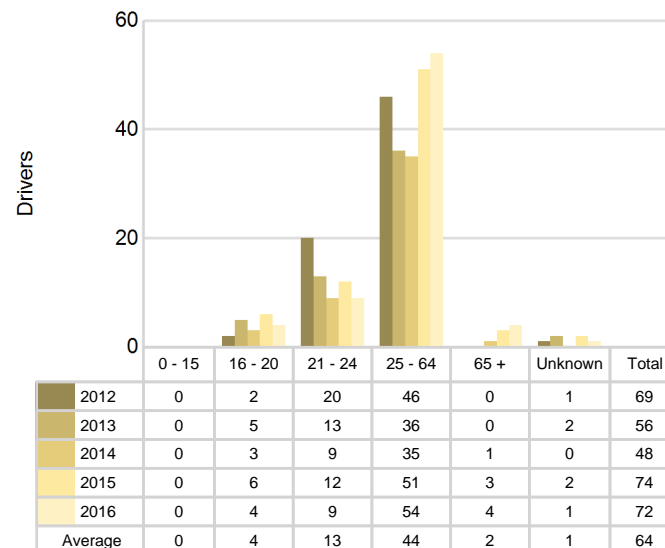
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	6	0	6	0	1	0	7	0	10	0
16 - 20	293	2	234	5	242	3	267	6	256	4
21 - 24	213	20	215	13	194	9	216	12	191	9
25 - 64	1,352	46	1,308	36	1,455	35	1,439	51	1,535	54
65 +	211	0	243	0	220	1	259	3	309	4
Unknown	113	1	123	2	138	0	123	2	134	1
Total	2,188	69	2,129	56	2,250	48	2,311	74	2,435	72

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



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	8	6	2	4	0	0	1	0	3
21 - 24	10	10	8	9	0	0	5	2	2
25 - 64	65	75	48	54	0	2	16	21	15
65 +	4	6	4	4	0	1	2	0	1
Unknown	4	0	0	1	0	0	0	0	1
Total	91	97	62	72	0	3	24	23	22

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 91 drivers in alcohol-involved crashes; 72 (79.1%) of those drivers were coded as had-been-drinking by the officer on the crash form.

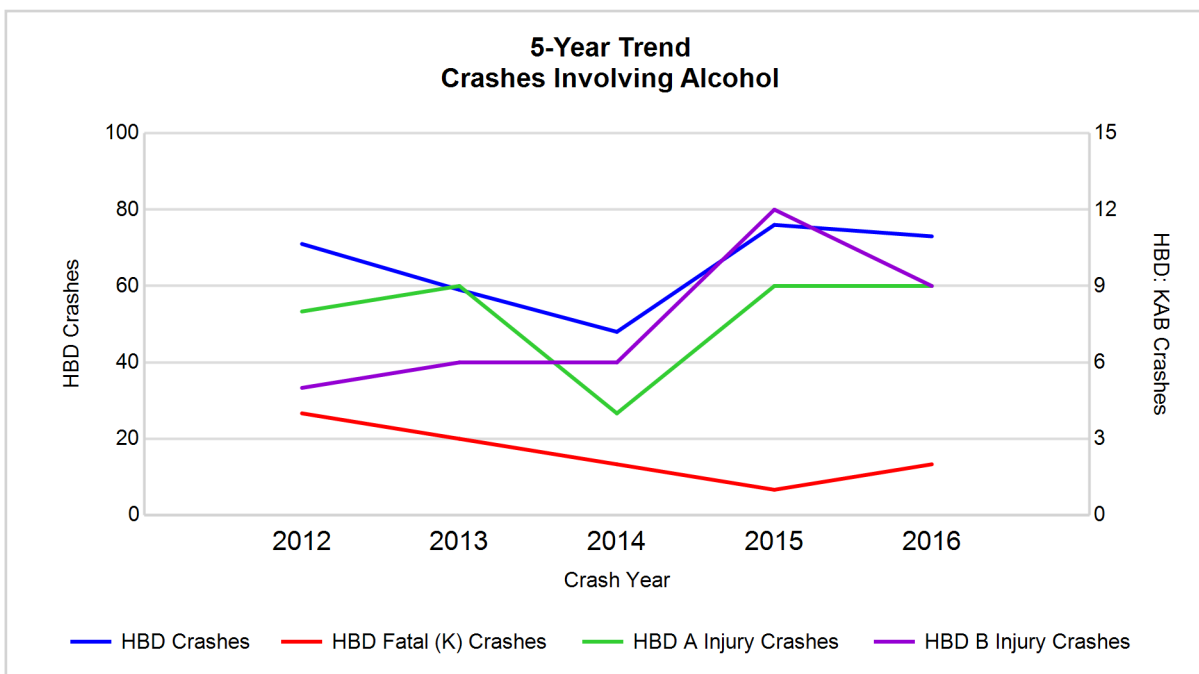
- 47 (65.3%) of the 72 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 23 (48.9%) of the 47 drivers had a BAC at or above 0.17 g/dL.
- 62 (86.1%) of the 72 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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	1,551	71	4.6	7	4	57.1	36	8	22.2	66	5	7.6
2013	1,516	59	3.9	10	3	30.0	40	9	22.5	67	6	9.0
2014	1,543	48	3.1	9	2	22.2	32	4	12.5	67	6	9.0
2015	1,603	76	4.7	4	1	25.0	39	9	23.1	92	12	13.0
2016	1,676**	73	4.4	11**	2	18.2*	38	9	23.7**	102**	9	8.8

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

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



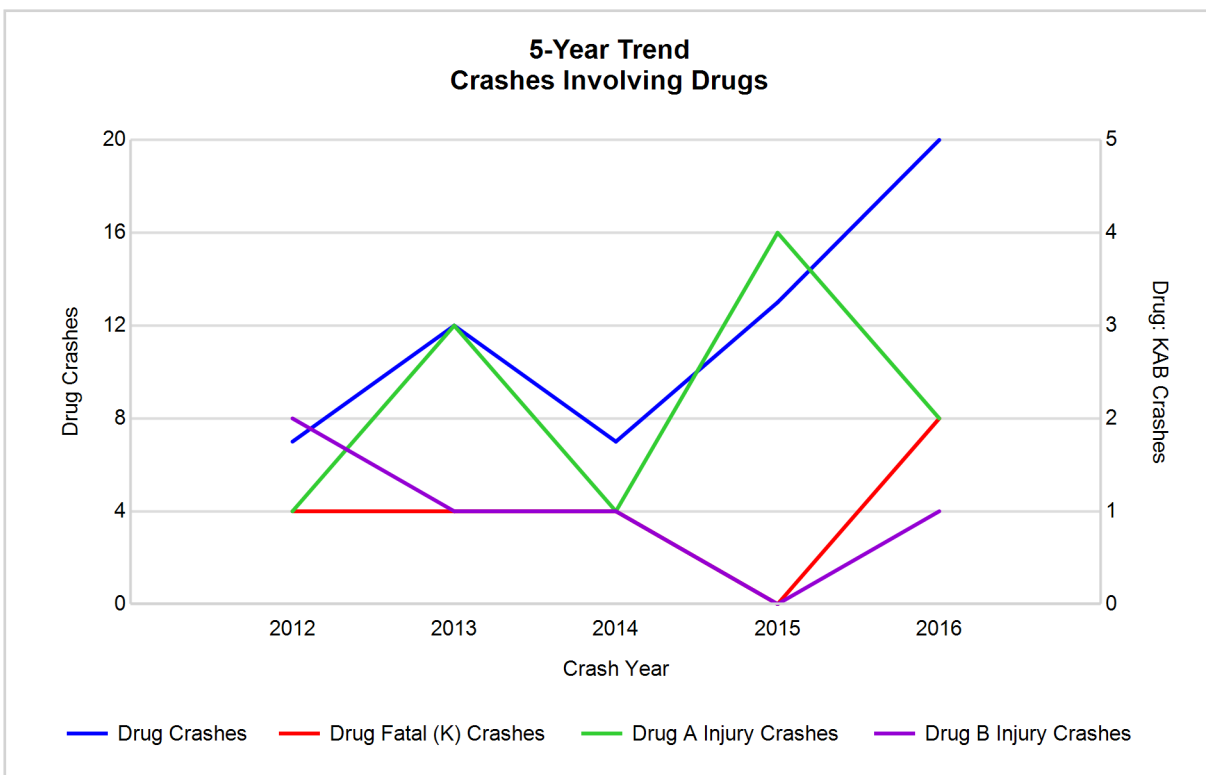
Note: Had-Been-Drinking (HBD)

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	1,551	7	0.5	7	1	14.3	36	1	2.8	66	2	3.0
2013	1,516	12	0.8	10	1	10.0	40	3	7.5	67	1	1.5
2014	1,543	7	0.5	9	1	11.1	32	1	3.1	67	1	1.5
2015	1,603	13	0.8	4	0	0.0	39	4	10.3	92	0	0.0
2016	1,676**	20**	1.2**	11**	2**	18.2**	38	2	5.3	102**	1	1.0

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

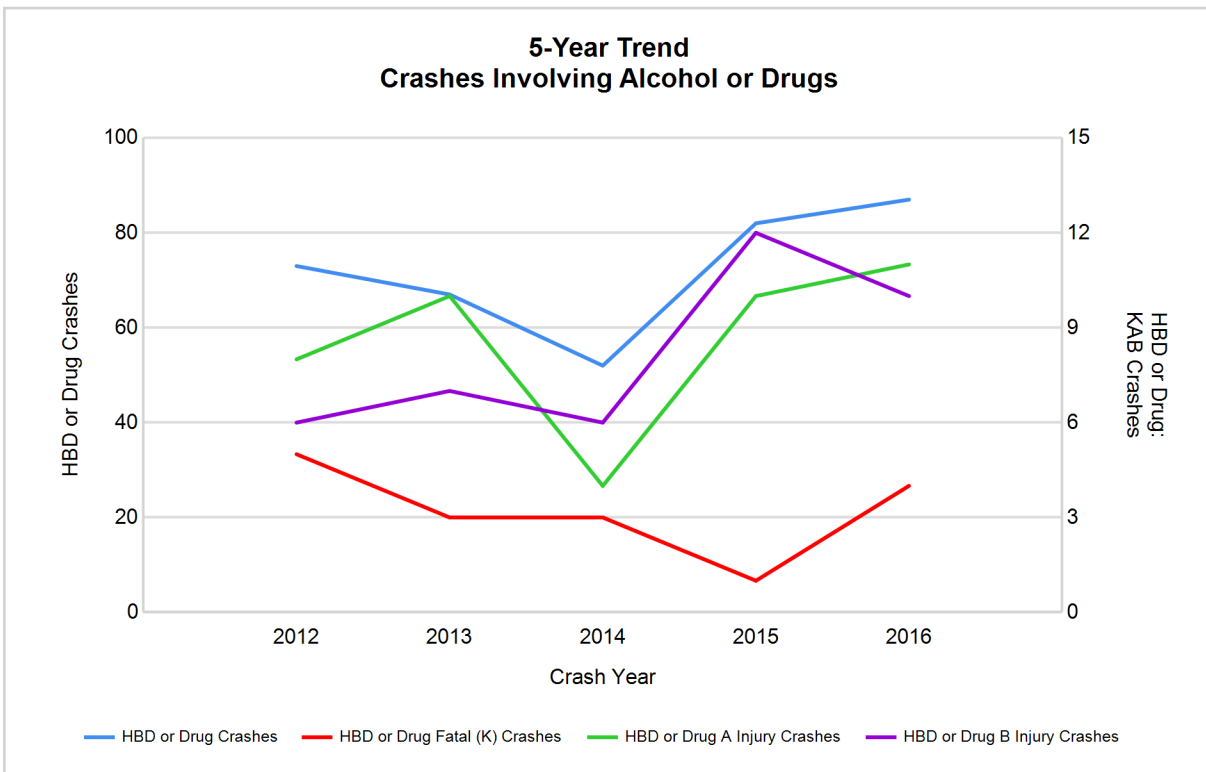


5-Year Trend - Crashes Involving Alcohol or Drugs

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	1,551	73	4.7	7	5	71.4	36	8	22.2	66	6	9.1
2013	1,516	67	4.4	10	3	30.0	40	10	25.0	67	7	10.4
2014	1,543	52	3.4	9	3	33.3	32	4	12.5	67	6	9.0
2015	1,603	82	5.1	4	1	25.0	39	10	25.6	92	12	13.0
2016	1,676**	87**	5.2**	11**	4	36.4	38	11**	28.9**	102**	10	9.8

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

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



Note: Had-Been-Drinking (HBD)

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	1,836	1,705	92.9	5	3	60.0	26	20	76.9	85	73	85.9	188	175	93.1	1,468	1,433	97.6
Motor home	37	31	83.8	0	0	0.0	0	0	0.0	2	2	100.0	8	7	87.5	25	22	88.0
Pickup truck	492	447	90.9	2	0	0.0	12	9	75.0	12	11	91.7	33	31	93.9	415	396	95.4
Small truck under 10,000 lbs. GVWR	15	13	86.7	0	0	0.0	0	0	0.0	2	2	100.0	0	0	0.0	12	11	91.7
Motorcycle	30	16	53.3	1	1	100.0	7	4	57.1	12	4	33.3	5	3	60.0	4	4	100.0
Moped / goped	5	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	2	0	0.0	2	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	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	18	10	55.6	0	0	0.0	0	0	0.0	0	0	0.0	2	2	100.0	16	8	50.0
Truck/bus over 10,000 lbs.	80	76	95.0	0	0	0.0	1	1	100.0	1	1	100.0	6	6	100.0	70	68	97.1
Unknown	40	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Total	2,553	2,298	90.0	8	4	0.0	47	34	72.3	114	93	81.6	244	224	91.8	2,012	1,942	96.5

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	44	34	77.3	0	0	0.0	4	4	100.0	7	6	85.7	26	20	76.9	7	4	57.1
16 - 20	278	264	95.0	0	0	0.0	9	7	77.8	13	10	76.9	34	30	88.2	222	217	97.7
21 - 24	197	184	93.4	0	0	0.0	2	2	100.0	12	6	50.0	11	10	90.9	172	166	96.5
25 - 64	1,583	1,506	95.1	6	4	66.7	29	21	72.4	72	62	86.1	147	138	93.9	1,326	1,281	96.6
65 +	317	309	97.5	2	0	0.0	3	0	0.0	9	9	100.0	26	26	100.0	277	274	98.9
Unknown	134	1	0.7	0	0	0.0	0	0	0.0	1	0	0.0	0	0	0.0	8	0	0.0
Total	2,553	2,298	90.0	8	4	0.0	47	34	72.3	114	93	81.6	244	224	91.8	2,012	1,942	96.5

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.

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	8	0	0	18	0	3	11	0	0	13	0	1	12	0	1
Shoulder belt only used	4	0	0	1	0	0	0	0	0	1	0	0	10	0	3
Lap belt only used	7	0	1	9	1	1	5	0	1	10	0	1	12	0	1
Both lap & shoulder belts used	1,954	1	207	1,901	1	203	2,012	1	213	2,044	2	213	2,163	1	241
No belts used	26	3	10	17	2	5	21	2	9	15	0	9	19	3	8
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	1	0	0	0	0	0	0	0	0
Restraint failure	2	0	0	0	0	0	2	0	0	1	0	0	0	0	0
Restraint use unknown	44	0	6	36	1	5	35	1	5	70	0	10	95	0	11
Helmet worn	22	0	19	19	1	17	25	0	14	20	0	16	15	1	10
Helmet not worn	13	0	11	11	1	7	5	0	4	16	1	12	16	0	11
Helmet use unknown	1	0	1	1	0	0	1	0	0	4	0	1	4	0	3
Uncoded & errors	107	0	1	116	0	0	132	0	0	117	0	1	89	0	1
Total	2,188	4	256	2,129	7	241	2,250	4	246	2,311	3	264	2,435	5	290

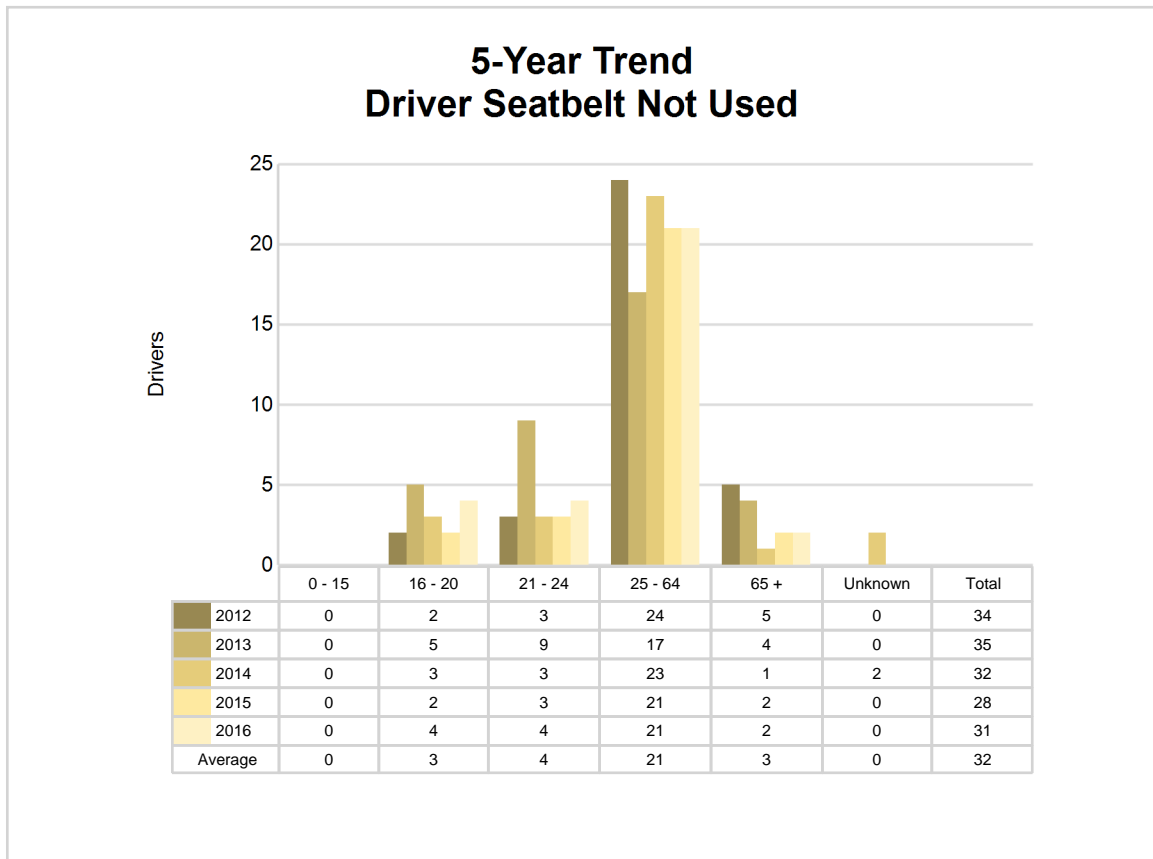
5-Year Trend - Restraint Use Among Drivers Coded Drinking

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	1	0	1	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	1	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	49	0	13	35	0	10	35	1	8	47	0	15	49	0	21
No belts used	11	2	6	8	2	4	5	0	3	5	0	3	4	2	2
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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	5	0	0	10	0	4	6	0	1	15	0	5	15	0	3
Helmet worn	1	0	1	2	0	2	2	0	1	1	0	0	0	0	0
Helmet not worn	2	0	2	0	0	0	0	0	0	5	1	3	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	1	0	0	1	0	0
Total	69	2	22	56	2	21	48	1	13	74	1	26	72	2	27

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 - 20	2	0	1	5	0	2	3	0	1	2	0	1	4	0	2
21 - 24	3	1	2	9	0	5	3	0	2	3	0	2	4	0	1
25 - 64	24	2	7	17	2	1	23	2	6	21	0	7	21	1	6
65 +	5	0	0	4	0	0	1	0	0	2	0	0	2	2	0
Unknown	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
Total	34	3	10	35	2	8	32	2	9	28	0	10	31	3	9

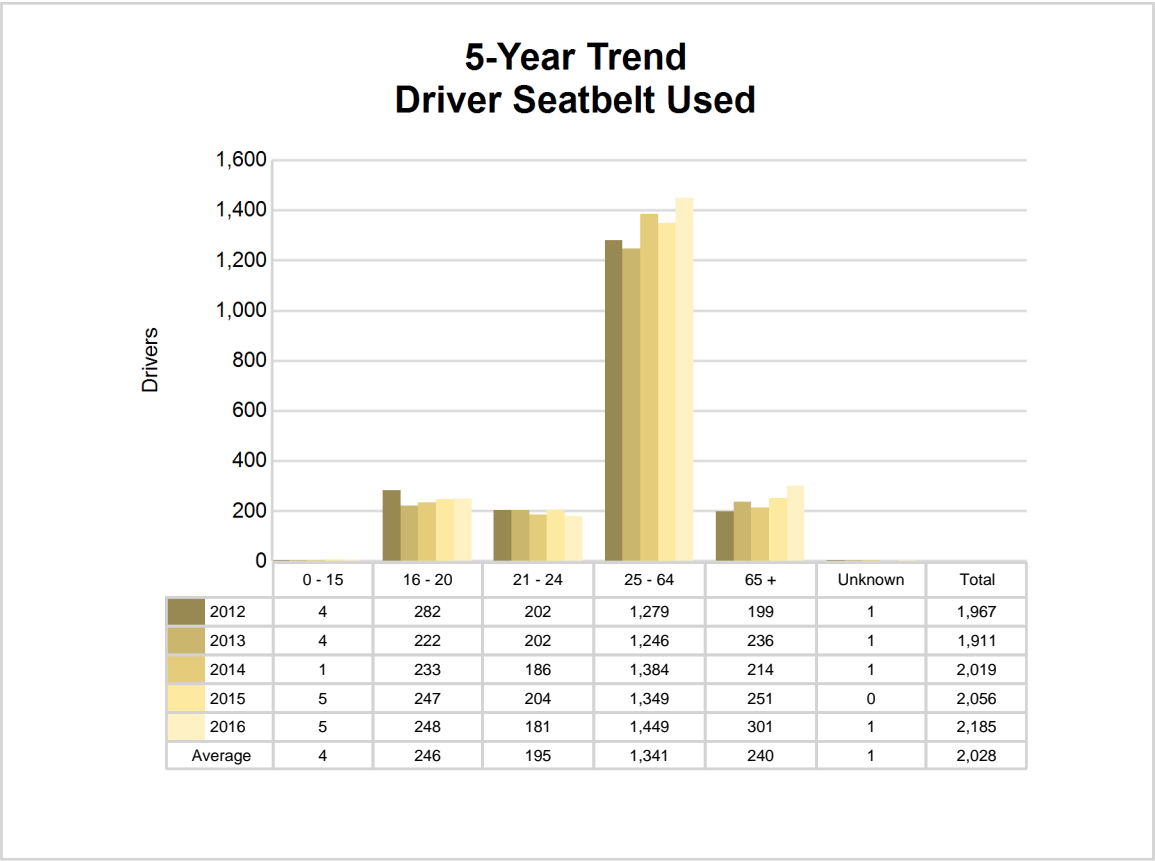
Note: Seatbelt Not Used includes no belts available or no belts used.



5-Year Trend - Seatbelt Used Among Drivers by Age

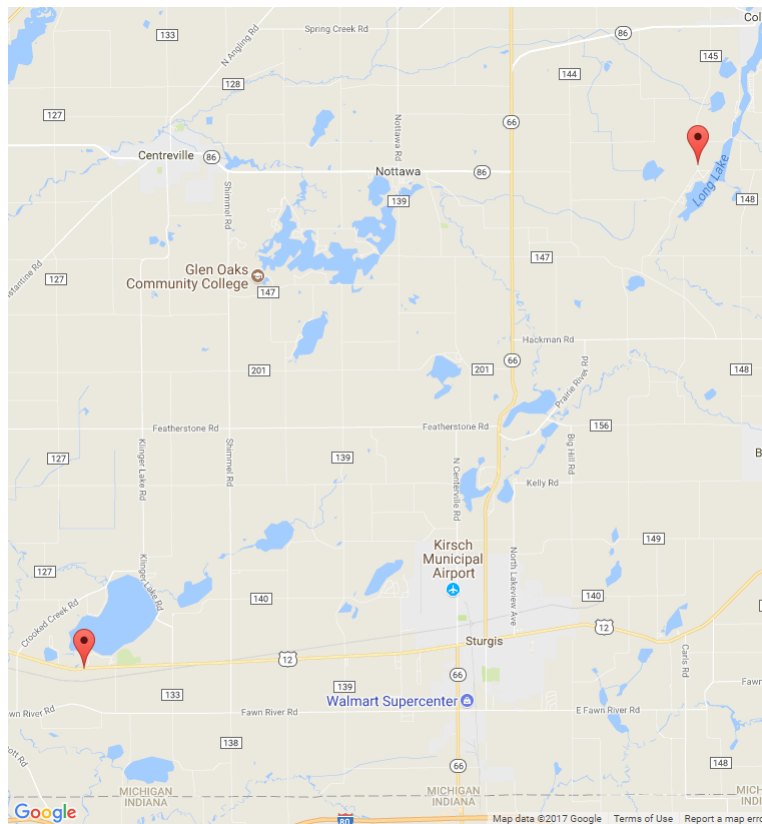
Age Group	2012			2013			2014			2015			2016		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
0 - 15	4	0	1	4	0	0	1	0	0	5	0	2	5	0	1
16 - 20	282	0	43	222	0	34	233	0	31	247	0	31	248	0	31
21 - 24	202	0	27	202	0	17	186	0	20	204	1	24	181	0	15
25 - 64	1,279	0	117	1,246	0	122	1,384	1	141	1,349	0	132	1,449	1	171
65 +	199	1	20	236	2	31	214	0	22	251	1	25	301	0	27
Unknown	1	0	0	1	0	0	1	0	0	0	0	0	1	0	0
Total	1,967	1	208	1,911	2	204	2,019	1	214	2,056	2	214	2,185	1	245

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	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	1,203	6	1,177	5	1,231	5	1,300	5	1,300	9
Speed too fast	261	0	246	3	250	0	210	1	279	1
Speed too slow	1	0	1	0	1	0	2	0	2	0
Failed to yield	225	0	197	2	201	2	228	2	206	4
Disregard traffic control	46	0	49	0	35	0	44	0	51	1
Drove wrong way	1	0	0	0	1	0	0	0	1	0
Drove left of center	13	2	13	1	14	0	18	0	18	0
Improper passing	12	0	16	0	12	1	12	0	10	0
Improper lane use	22	0	20	0	34	0	36	0	36	0
Improper turn	20	0	21	0	15	0	12	0	19	0
Improper/no signal	1	0	7	0	1	0	4	0	1	0
Improper backing	44	0	39	0	35	0	37	0	38	0
Unable to stop in assured clear distance	170	0	170	0	224	1	206	0	231	2
Other	92	1	77	0	81	1	85	0	93	0
Unknown	29	1	30	0	49	2	31	0	42	0
Reckless driving	11	1	11	0	7	0	14	0	15	0
Careless/negligent driving	37	0	55	2	59	0	72	0	93	2
Uncoded & errors	0	0	0	0	0	0	0	0	0	0
Total	2,188	11	2,129	13	2,250	12	2,311	8	2,435	19



The picture above represents all 2016 alcohol-involved fatal crashes in St. Joseph County.

In 2016, there were 73 alcohol-involved crashes in St. Joseph County:

- 2 K - Fatal Crashes
- 9 A - Suspected Serious Injury Crashes
- 9 B - Suspected Minor Injury Crashes
- 13 C - Possible Injury Crashes
- 40 O - Property Damage Only/No Injury Crashes

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