



2014

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 = Incapacitating Injury

B = Non-incapacitating Injury

C = Possible Injury

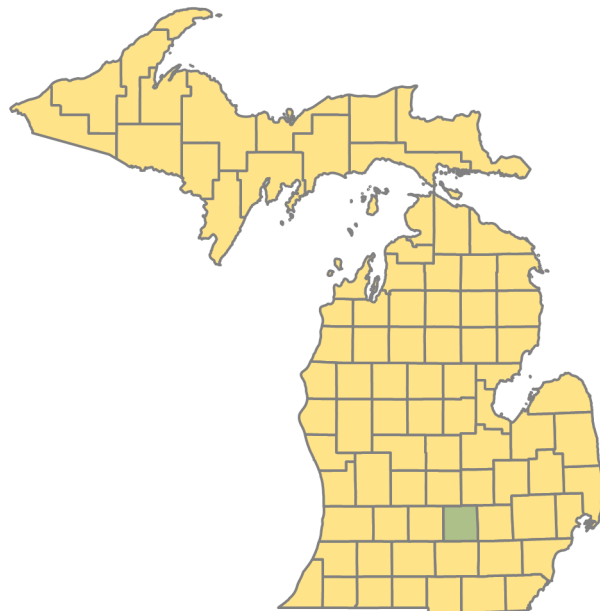
O = No Injury

Property Damage Only (PDO)



Ingham County

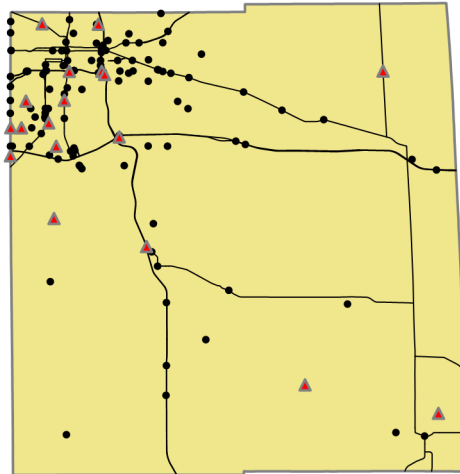
2014 Traffic Crash Data & 2010-2014 5-Year Trends



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 (18/18)
- A - Incapacitating (118/118)

Ingham County

In 2014:

There were 16,224 drivers involved in 9,114 motor vehicle crashes in Ingham County. Of those crashes, 18 were classified as fatal, resulting in 20 fatalities. An additional 2,135 persons were injured.

Ingham County experienced the highest number of motor vehicle crashes (1,139) in January, the highest number of fatal crashes (5) and the highest number of persons killed (6) in September.

Michigan driver statistics indicate 7.3 percent of licensed drivers in Ingham County were age 16-20, and 11.7 percent of drivers in crashes were also in that age group.

2014 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	1,139	0	168	971	0	215
February	882	1	117	764	1	142
March	769	0	135	634	0	183
April	618	1	119	498	1	137
May	655	0	146	509	0	193
June	606	2	107	497	2	160
July	551	2	115	434	3	154
August	583	2	128	453	2	174
September	722	5	173	544	6	234
October	943	3	168	772	3	213
November	932	0	150	782	0	198
December	714	2	105	607	2	132
Total	9,114	18	1,631	7,465	20	2,135

2014 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2014 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	51,102	1,032	18	3.5	174.4
16 - 20	32,972	13,871	1,904	577.5	1,372.6
21 - 24	31,279	17,358	2,126	679.7	1,224.8
25 - 64	135,293	127,389	9,371	692.6	735.6
65 +	33,936	30,509	1,297	382.2	425.1
Unknown	--	--	1,508	--	--
Total	284,582	190,159	16,224	570.1	853.2

2014 - 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 & station wagon	12,645	77.9	15	50.0	2,319	10,311
Van & motorhome	745	4.6	1	3.3	150	594
Pickup truck	1,524	9.4	2	6.7	283	1,239
Small truck under 10,000 lbs. GVWR	496	3.1	2	6.7	95	399
Cycle	81	0.5	7	23.3	53	21
Moped	36	0.2	0	0.0	26	10
Go Cart	1	0.0	0	0.0	0	1
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	38	0.2	1	3.3	7	30
Truck/bus over 10,000 lbs.	355	2.2	2	6.7	52	301
Unknown	303	1.9	0	0.0	19	284
Total	16,224	100.0	30	100.0	3,004	13,190

5-Year Trend - Crashes by Month

Month	2010		2011		2012		2013		2014	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	738	1	865	4	815	2	817	2	1,139	0
February	888	1	823	2	743	1	754	0	882	1
March	544	1	622	1	639	1	619	0	769	0
April	553	1	557	2	504	0	666	0	618	1
May	651	0	573	1	652	4	690	1	655	0
June	607	2	692	2	670	2	631	1	606	2
July	595	3	574	3	545	3	564	2	551	2
August	616	0	574	2	601	1	620	7	583	2
September	741	0	684	0	659	2	720	2	722	5
October	819	2	788	1	827	2	867	0	943	3
November	700	1	906	2	829	0	858	2	932	0
December	943	0	769	4	767	1	890	0	714	2
Total	8,395	12	8,427	24	8,251	19	8,696	17	9,114	18

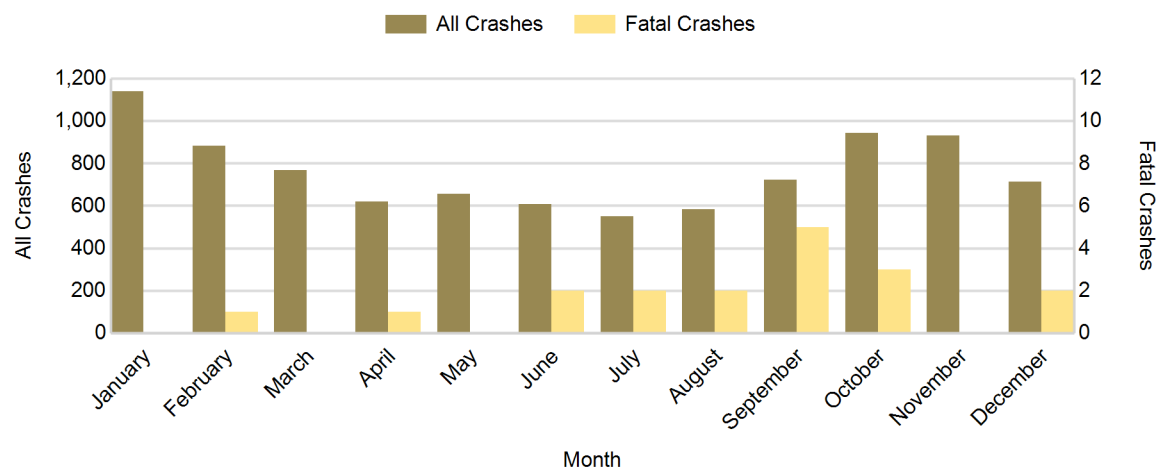
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2010		2011		2012		2013		2014	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	1,326	1	1,157	4	1,185	0	1,239	2	1,270	1
Tuesday	1,422	1	1,368	4	1,162	1	1,366	2	1,477	3
Wednesday	1,387	4	1,428	3	1,178	1	1,400	4	1,453	1
Thursday	1,268	1	1,323	2	1,270	3	1,365	1	1,544	4
Friday	1,371	4	1,353	4	1,540	3	1,408	3	1,535	3
Saturday	876	1	1,057	3	1,069	7	1,084	4	976	5
Sunday	745	0	741	4	847	4	834	1	859	1
Total	8,395	12	8,427	24	8,251	19	8,696	17	9,114	18

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

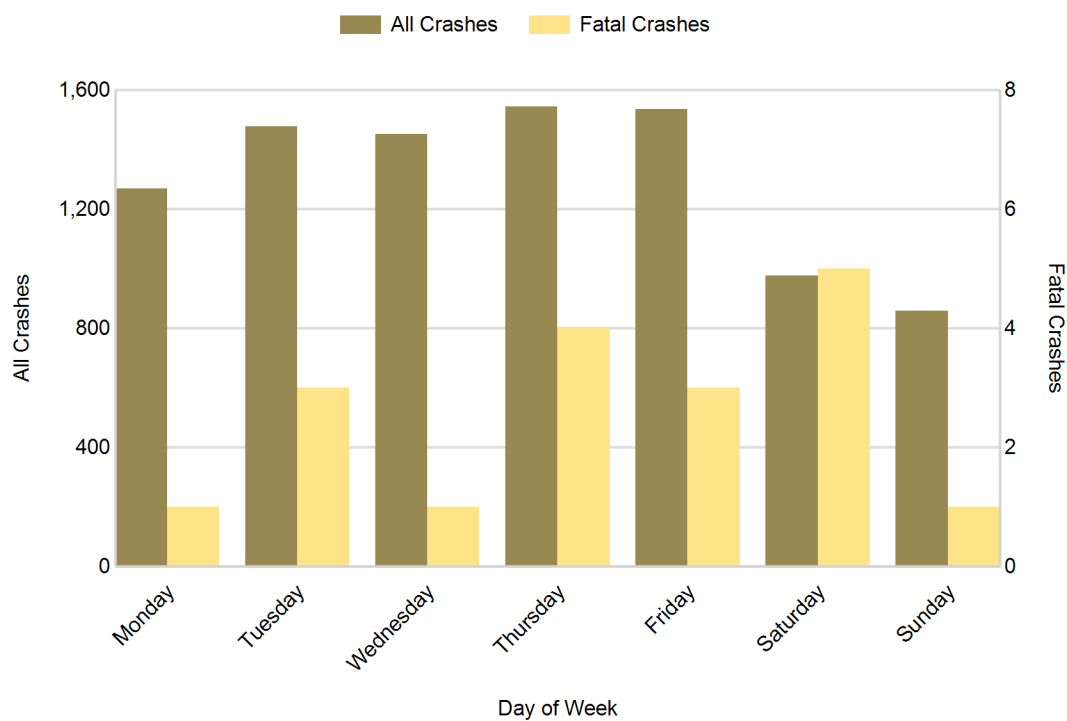
2014 Crashes by Month



2014 - 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	1,270	13.9	1	5.6	18	46	157	1,048
Tuesday	1,477	16.2	3	16.7	18	46	195	1,215
Wednesday	1,453	15.9	1	5.6	19	58	184	1,191
Thursday	1,544	16.9	4	22.2	17	42	234	1,247
Friday	1,535	16.8	3	16.7	12	50	214	1,256
Saturday	976	10.7	5	27.8	19	47	108	797
Sunday	859	9.4	1	5.6	15	36	96	711
Total	9,114	100.0	18	100.0	118	325	1,188	7,465

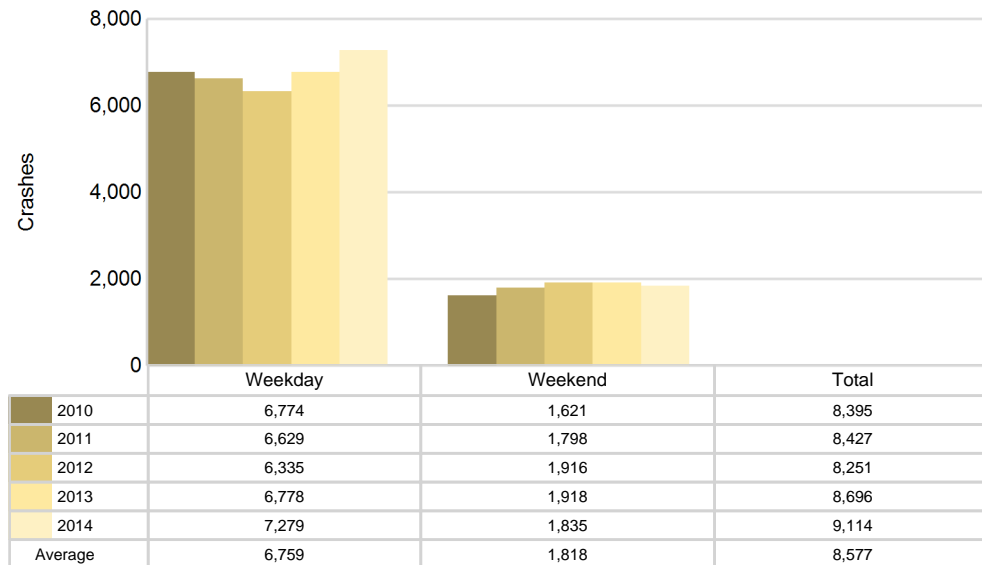
2014 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2010		2011		2012		2013		2014	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	6,774	11	6,629	17	6,335	8	6,778	12	7,279	12
Weekend	1,621	1	1,798	7	1,916	11	1,918	5	1,835	6
Total	8,395	12	8,427	24	8,251	19	8,696	17	9,114	18

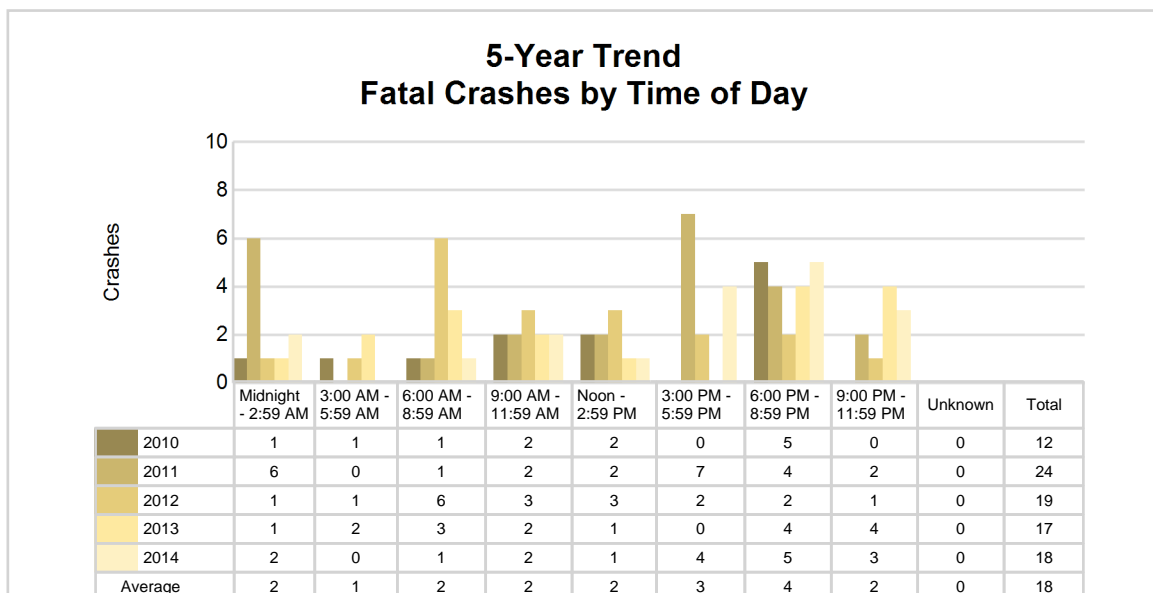
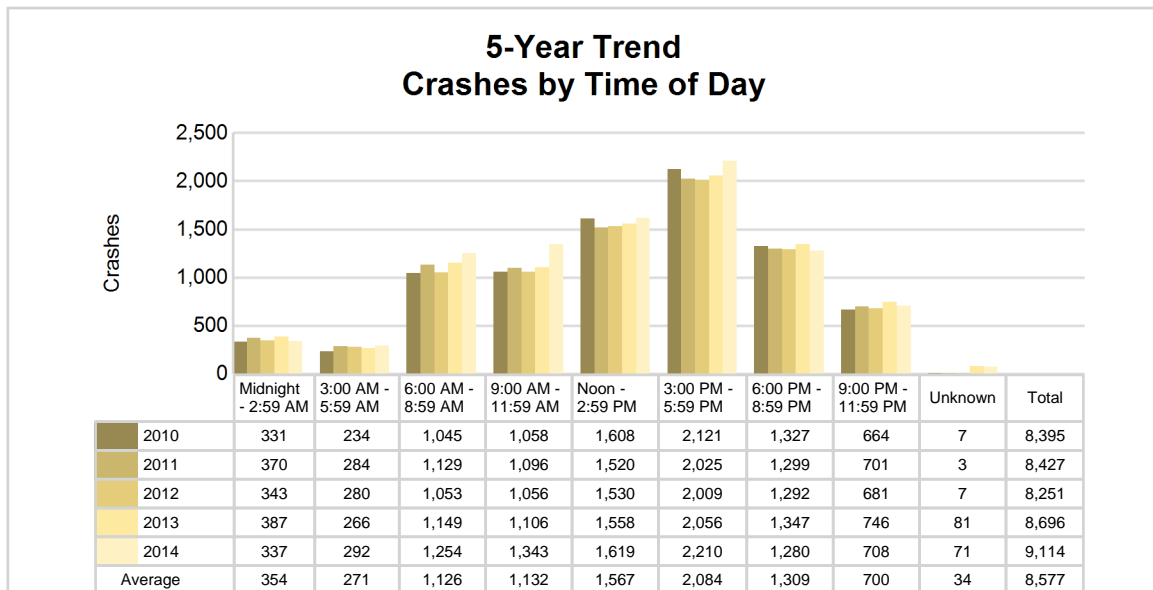
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

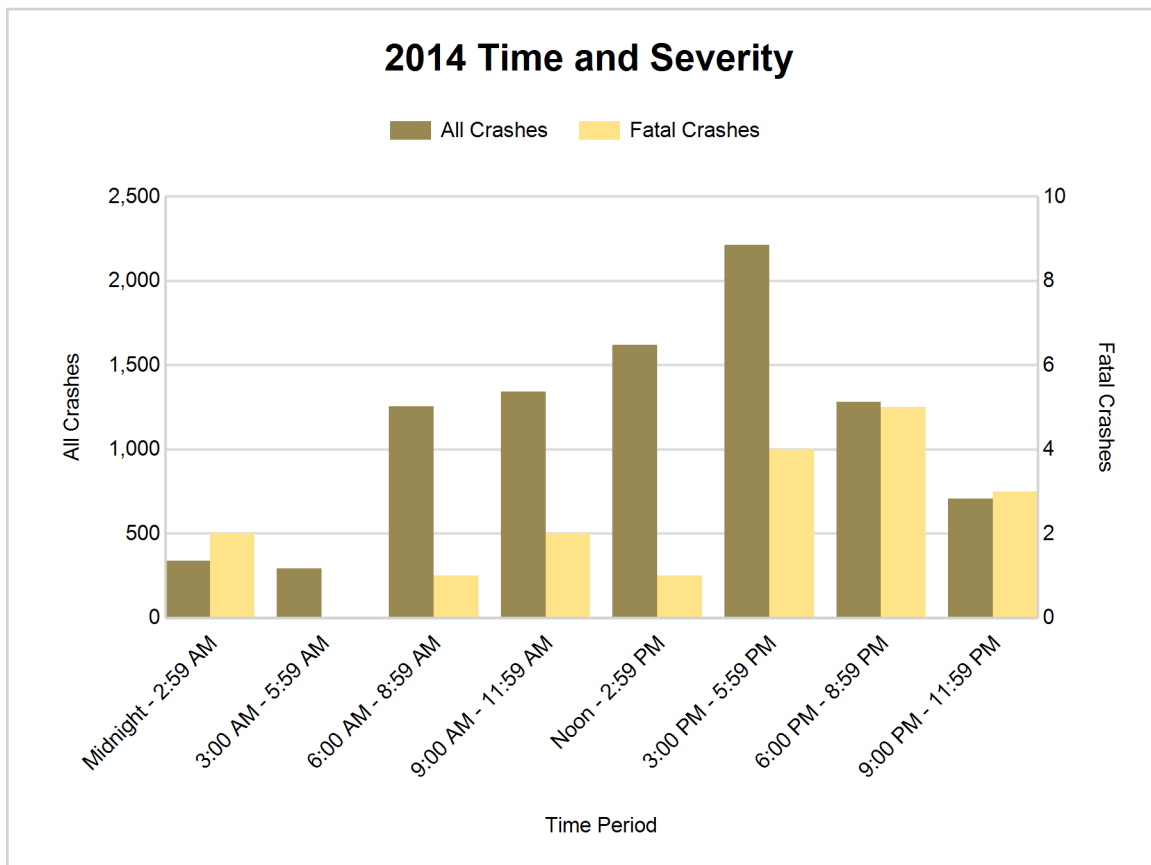
Time of Day	2010		2011		2012		2013		2014	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	331	1	370	6	343	1	387	1	337	2
3:00 AM - 5:59 AM	234	1	284	0	280	1	266	2	292	0
6:00 AM - 8:59 AM	1,045	1	1,129	1	1,053	6	1,149	3	1,254	1
9:00 AM - 11:59 AM	1,058	2	1,096	2	1,056	3	1,106	2	1,343	2
Noon - 2:59 PM	1,608	2	1,520	2	1,530	3	1,558	1	1,619	1
3:00 PM - 5:59 PM	2,121 †	0	2,025 †	7	2,009 †	2	2,056 †	0	2,210 †	4
6:00 PM - 8:59 PM	1,327	5	1,299	4	1,292	2	1,347	4	1,280	5
9:00 PM - 11:59 PM	664	0	701	2	681	1	746	4	708	3
Unknown	7	0	3	0	7	0	81	0	71	0
Total	8,395	12	8,427	24	8,251	19	8,696	17	9,114	18

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



2014 - Time and Severity

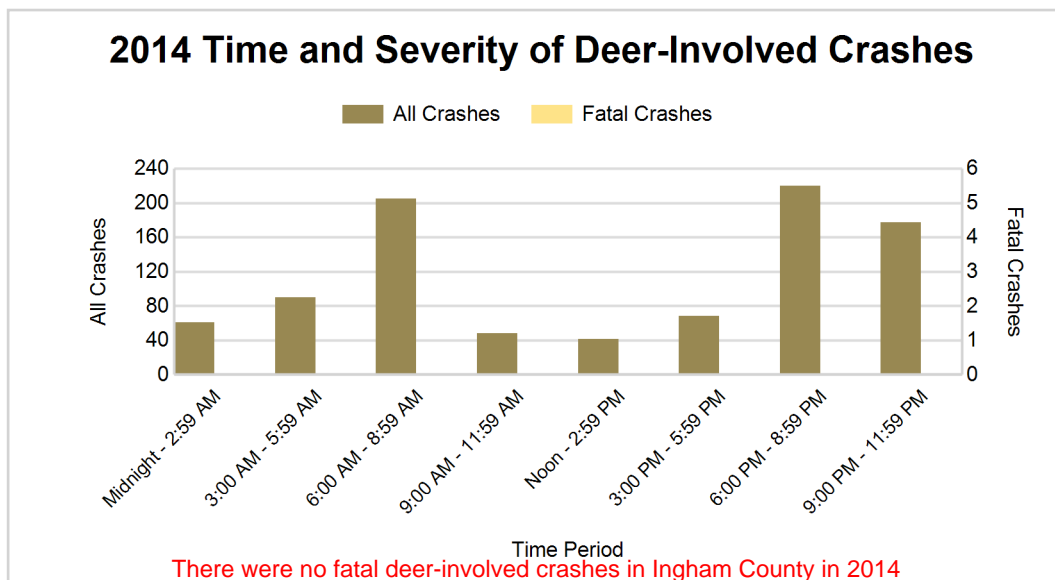
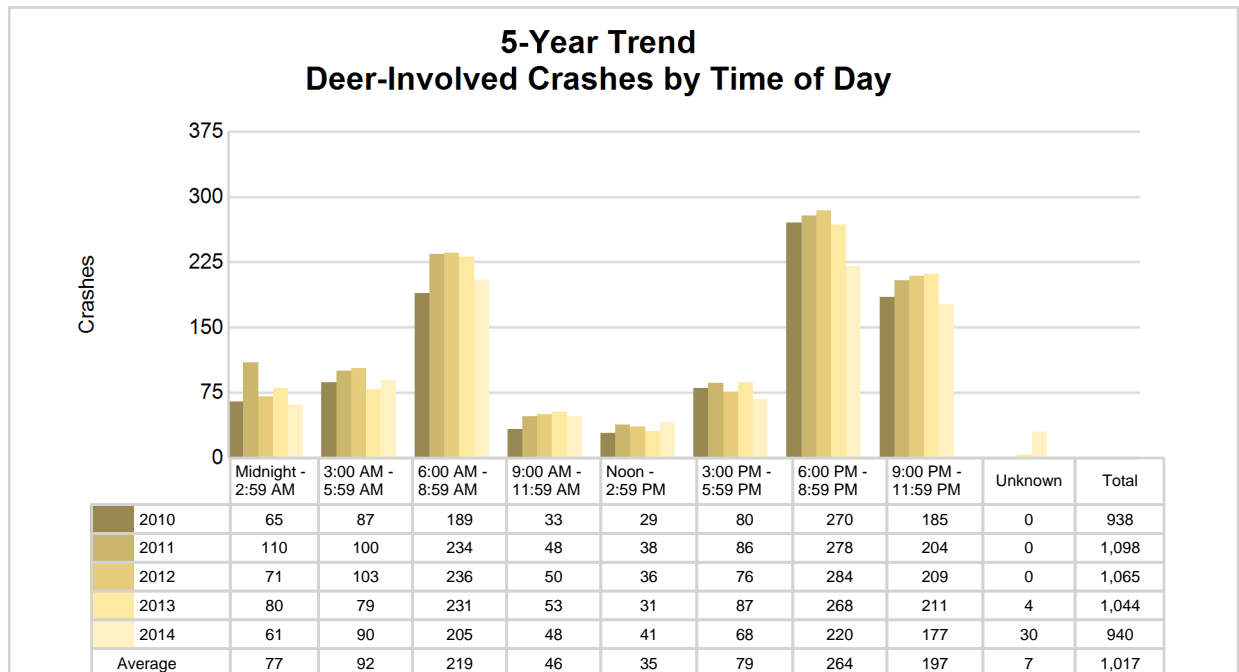
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	337	3.7	2	11.1	9	15	34	277
3:00 AM - 5:59 AM	292	3.2	0	0.0	5	10	23	254
6:00 AM - 8:59 AM	1,254	13.8	1	5.6	11	40	139	1,063
9:00 AM - 11:59 AM	1,343	14.7	2	11.1	16	41	186	1,098
Noon - 2:59 PM	1,619	17.8	1	5.6	15	53	223	1,327
3:00 PM - 5:59 PM	2,210	24.2	4	22.2	39	83	339	1,745
6:00 PM - 8:59 PM	1,280	14.0	5	27.8	15	53	149	1,058
9:00 PM - 11:59 PM	708	7.8	3	16.7	8	25	87	585
Unknown	71	0.8	0	0.0	0	5	8	58
Total	9,114	100.0	18	100.0	118	325	1,188	7,465



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

Time of Day	2010		2011		2012		2013		2014	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	65	0	110	0	71	0	80	0	61	0
3:00 AM - 5:59 AM	87	0	100	0	103	0	79	0	90	0
6:00 AM - 8:59 AM	189	0	234	0	236	0	231	0	205	0
9:00 AM - 11:59 AM	33	0	48	0	50	0	53	0	48	0
Noon - 2:59 PM	29	0	38	0	36	0	31	0	41	0
3:00 PM - 5:59 PM	80	0	86	0	76	0	87	0	68	0
6:00 PM - 8:59 PM	270 †	0	278 †	0	284 †	0	268 †	0	220 †	0
9:00 PM - 11:59 PM	185	0	204	0	209	0	211	0	177	0
Unknown	0	0	0	0	0	0	4	0	30	0
Total	938	0	1,098	0	1,065	0	1,044	0	940	0

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



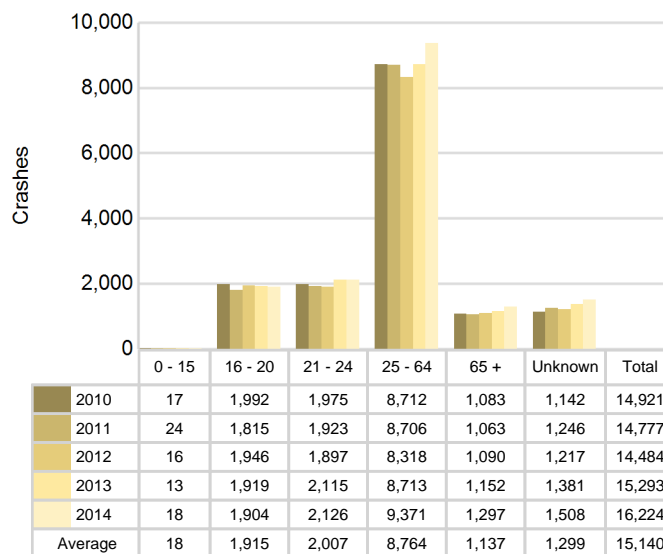
2014 - Reported Motor Vehicle Crashes by Municipality

Municipality	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Alaiedon Twp.	320	0	53	267	149	64	0	107	8	1	76	0	64
Aurelius Twp.	79	0	11	68	0	0	0	79	3	0	39	0	20
Bunker Hill Twp.	40	1	4	35	0	0	0	40	2	1	21	1	4
Dansville	0	0	0	0	0	0	0	0	0	0	0	0	0
Delhi Twp.	518	3	86	429	94	15	23	386	19	2	79	4	121
East Lansing	1,334	2	256	1,076	251	79	319	685	30	6	45	3	303
Ingham Twp.	48	0	7	41	0	0	17	31	2	1	29	0	11
Lansing	4,077	8	758	3,311	990	4	908	2,175	134	27	65	8	1,005
Lansing Twp.	719	1	141	577	82	135	315	187	19	0	15	1	199
Leroy Twp.	134	0	27	107	75	0	38	21	3	1	38	0	41
Leslie	8	0	0	8	0	0	0	8	0	0	1	0	0
Leslie Twp.	66	0	16	50	0	28	0	38	4	0	25	0	22
Locke Twp.	51	1	4	46	0	0	24	27	1	1	34	1	5
Mason	158	0	24	134	0	21	45	92	4	5	10	0	28
Meridian Twp.	858	0	163	695	20	0	210	628	29	3	137	0	208
Onondaga Twp.	73	0	10	63	0	0	1	72	2	0	43	0	12
Stockbridge	29	0	2	27	0	0	23	6	1	0	3	0	5
Stockbridge Twp.	61	1	8	52	0	0	28	33	1	1	37	1	14
Vevay Twp.	182	1	25	156	0	63	26	93	5	2	73	1	29
Webberville	16	0	3	13	0	0	5	11	0	0	6	0	3
Wheatfield Twp.	125	0	13	112	66	0	4	55	2	3	57	0	16
White Oak Twp.	49	0	5	44	0	0	29	20	1	0	32	0	6
Williamston	52	0	4	48	0	0	28	24	0	0	5	0	5
Williamstown Twp.	117	0	11	106	0	0	18	99	4	0	70	0	14
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	9,114	18	1,631	7,465	1,727	409	2,061	4,917	274	54	940	20	2,135

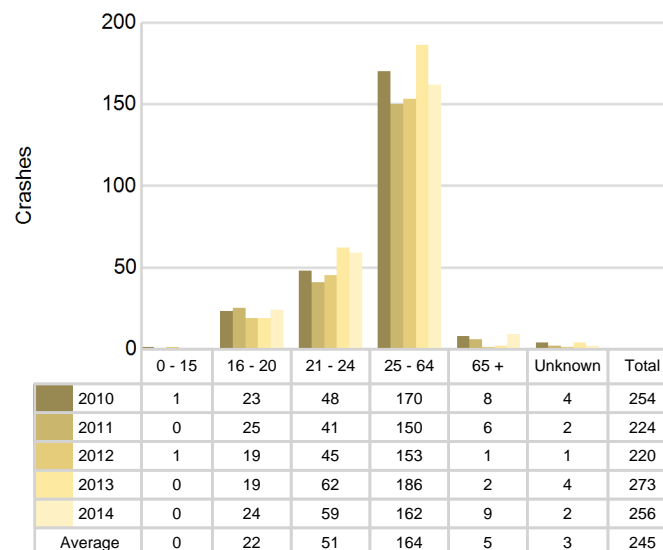
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2010		2011		2012		2013		2014	
	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	17	1	24	0	16	1	13	0	18	0
16 - 20	1,992	23	1,815	25	1,946	19	1,919	19	1,904	24
21 - 24	1,975	48	1,923	41	1,897	45	2,115	62	2,126	59
25 - 64	8,712	170	8,706	150	8,318	153	8,713	186	9,371	162
65 +	1,083	8	1,063	6	1,090	1	1,152	2	1,297	9
Unknown	1,142	4	1,246	2	1,217	1	1,381	4	1,508	2
Total	14,921	254	14,777	224	14,484	220	15,293	273	16,224	256

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



2014 - 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	43	29	16	24	1	1	6	3	13
21 - 24	75	67	47	59	0	9	17	13	20
25 - 64	239	176	130	162	0	12	33	42	75
65 +	20	13	9	9	0	2	1	3	3
Unknown	31	2	0	2	0	0	0	0	2
Total	408	287	202	256	1	24	57	61	113

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 2014, there were 408 drivers in alcohol-involved crashes; 256 (62.7%) of those drivers were coded as had-been-drinking by the officer on the crash form.

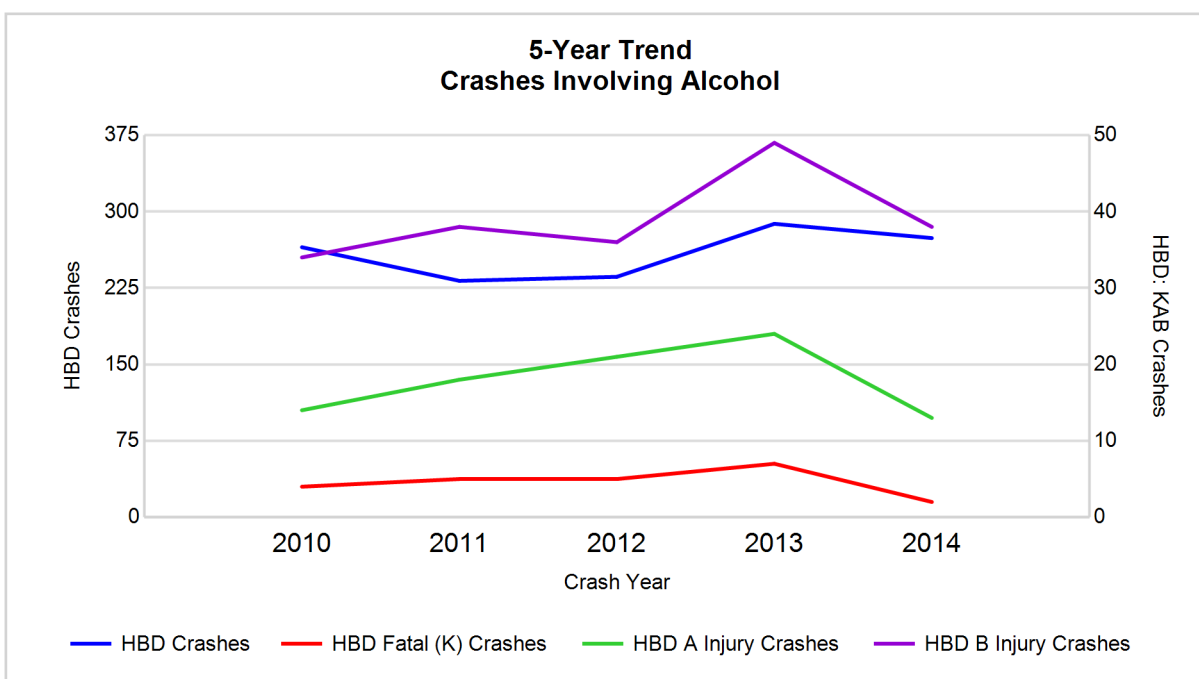
- 118 (46.1%) of the 256 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 61 (51.7%) of the 118 drivers had a BAC at or above 0.17 g/dL.
- 202 (78.9%) of the 256 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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
2010	8,395	265	3.2	12	4	33.3	114	14	12.3	327	34	10.4
2011	8,427	232	2.8	24	5	20.8	110	18	16.4	337	38	11.3
2012	8,251	236	2.9	19	5	26.3	120	21	17.5	320	36	11.3
2013	8,696	288	3.3	17	7	41.2	122	24	19.7	377	49	13.0
2014	9,114**	274	3.0	18	2*	11.1*	118	13*	11.0*	325	38	11.7

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



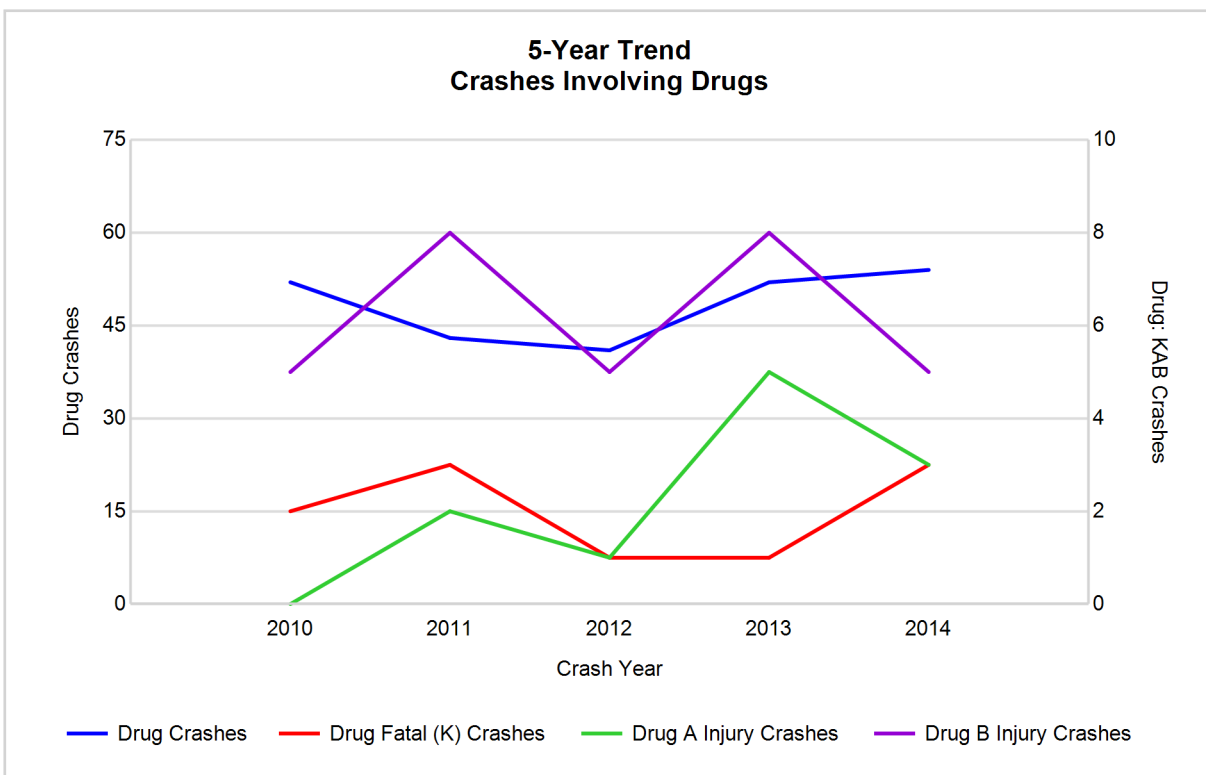
Note: Had-Been-Drinking (HBD)

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
2010	8,395	52	0.6	12	2	16.7	114	0	0.0	327	5	1.5
2011	8,427	43	0.5	24	3	12.5	110	2	1.8	337	8	2.4
2012	8,251	41	0.5	19	1	5.3	120	1	0.8	320	5	1.6
2013	8,696	52	0.6	17	1	5.9	122	5	4.1	377	8	2.1
2014	9,114**	54**	0.6	18	3	16.7	118	3	2.5	325	5	1.5

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

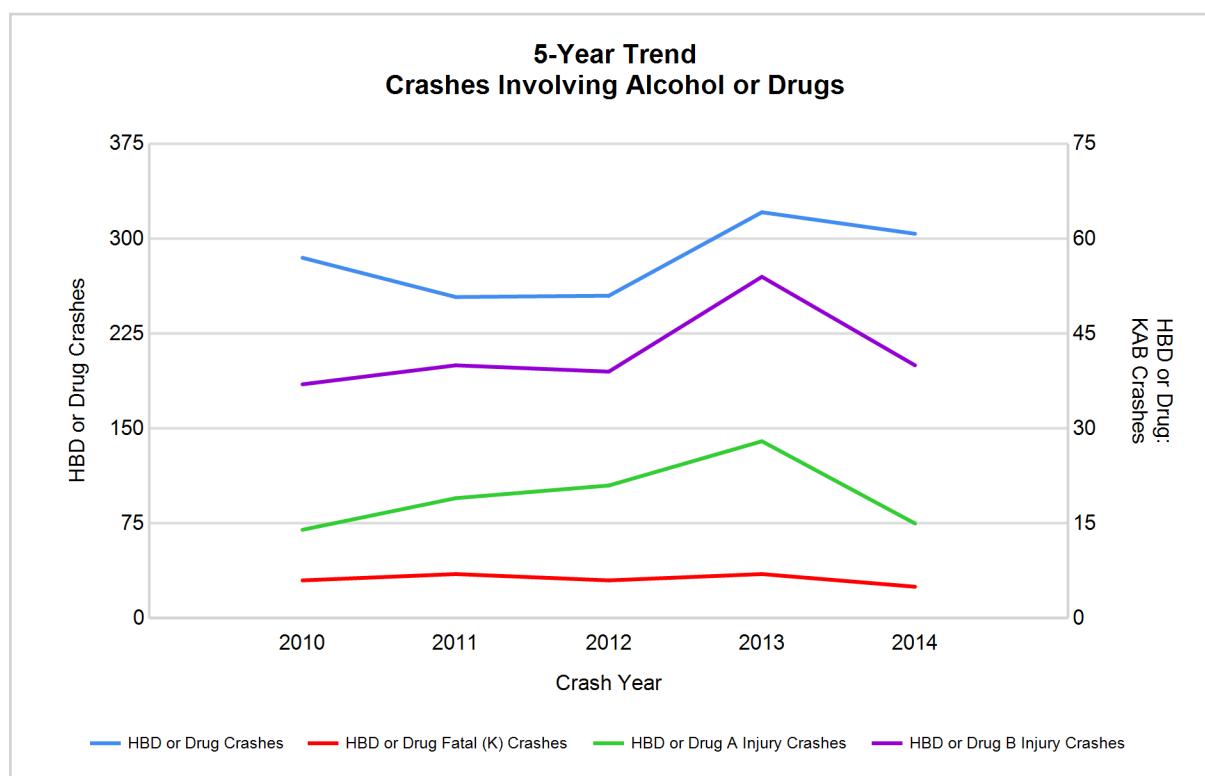


5-Year Trend - Crashes Involving Alcohol or Drugs

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
2010	8,395	285	3.4	12	6	50.0	114	14	12.3	327	37	11.3
2011	8,427	254	3.0	24	7	29.2	110	19	17.3	337	40	11.9
2012	8,251	255	3.1	19	6	31.6	120	21	17.5	320	39	12.2
2013	8,696	321	3.7	17	7	41.2	122	28	23.0	377	54	14.3
2014	9,114**	304	3.3	18	5*	27.8*	118	15	12.7	325	40	12.3

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)

2014 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Vehicle Type

Vehicle Type	Total Occupants			Fatalities			A - Incapacitating			B - Non-incapacitating			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 & station wagon	13,041	11,801	90.5	10	8	80.0	78	68	87.2	251	236	94.0	1,220	1,177	96.5	10,699	10,294	96.2
Van & motorhome	782	681	87.1	0	0	0.0	5	3	60.0	14	12	85.7	80	73	91.3	620	592	95.5
Pickup truck	1,561	1,379	88.3	0	0	0.0	13	9	69.2	21	16	76.2	106	101	95.3	1,324	1,251	94.5
Small truck under 10,000 lbs. GVWR	517	478	92.5	0	0	0.0	3	2	66.7	11	9	81.8	55	54	98.2	421	411	97.6
Cycle	86	53	61.6	7	2	28.6	12	9	75.0	23	16	69.6	22	13	59.1	21	13	61.9
Moped	38	13	34.2	0	0	0.0	3	1	33.3	11	4	36.4	12	4	33.3	11	4	36.4
Go Cart	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
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	38	17	44.7	0	0	0.0	0	0	0.0	1	0	0.0	3	0	0.0	27	17	63.0
Truck/bus over 10,000 lbs.	360	337	93.6	0	0	0.0	0	0	0.0	2	2	100.0	13	8	61.5	339	327	96.5
Unknown	303	4	1.3	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	13	4	30.8
Total	16,727	14,764	88.3	17	10	0.0	114	92	80.7	334	295	88.3	1,512	1,430	94.6	13,476	12,914	95.8

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.

2014 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Age

Age Group	Total Occupants			Fatalities			A - Incapacitating			B - Non-incapacitating			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	147	129	87.8	0	0	0.0	3	3	100.0	29	25	86.2	100	90	90.0	15	11	73.3
16 - 20	1,982	1,910	96.4	3	2	66.7	13	10	76.9	54	44	81.5	163	148	90.8	1,745	1,703	97.6
21 - 24	2,185	2,092	95.7	3	2	66.7	13	9	69.2	45	38	84.4	213	200	93.9	1,906	1,841	96.6
25 - 64	9,567	9,294	97.1	9	5	55.6	65	51	78.5	179	165	92.2	904	867	95.9	8,392	8,196	97.7
65 +	1,334	1,305	97.8	2	1	50.0	19	19	100.0	26	23	88.5	127	123	96.9	1,153	1,134	98.4
Unknown	1,512	34	2.2	0	0	0.0	1	0	0.0	1	0	0.0	5	2	40.0	265	29	10.9
Total	16,727	14,764	88.3	17	10	0.0	114	92	80.7	334	295	88.3	1,512	1,430	94.6	13,476	12,914	95.8

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	2010			2011			2012			2013			2014		
	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	81	0	12	69	0	7	57	0	10	57	0	10	53	0	7
Shoulder belt only used	7	0	1	6	0	2	4	0	0	12	0	3	11	0	1
Lap belt only used	38	0	6	48	0	8	51	0	4	46	0	5	74	0	5
Both lap & shoulder belts used	13,311	2	1,316	12,987	6	1,242	12,781	5	1,294	13,467	5	1,323	14,177	6	1,332
No belts used	56	2	26	60	3	28	52	2	20	54	3	21	58	0	18
Child restraint used	0	0	0	0	0	0	0	0	0	1	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	1	0	0
Restraint failure	3	0	0	3	0	1	5	0	1	2	0	0	2	0	0
Restraint use unknown	308	1	28	379	1	33	354	3	23	342	1	31	377	1	19
Helmet worn	73	2	51	86	2	69	63	2	36	78	1	54	65	2	46
Helmet not worn	14	0	10	23	0	16	46	2	36	30	3	19	40	3	29
Helmet use unknown	9	2	2	4	1	2	9	0	5	8	0	4	7	1	1
Uncoded & errors	1,021	0	5	1,112	0	5	1,061	0	2	1,196	0	0	1,359	0	3
Total	14,921	9	1,457	14,777	13	1,413	14,484	14	1,431	15,293	13	1,470	16,224	13	1,461

5-Year Trend - Restraint Use Among Drivers Coded Drinking

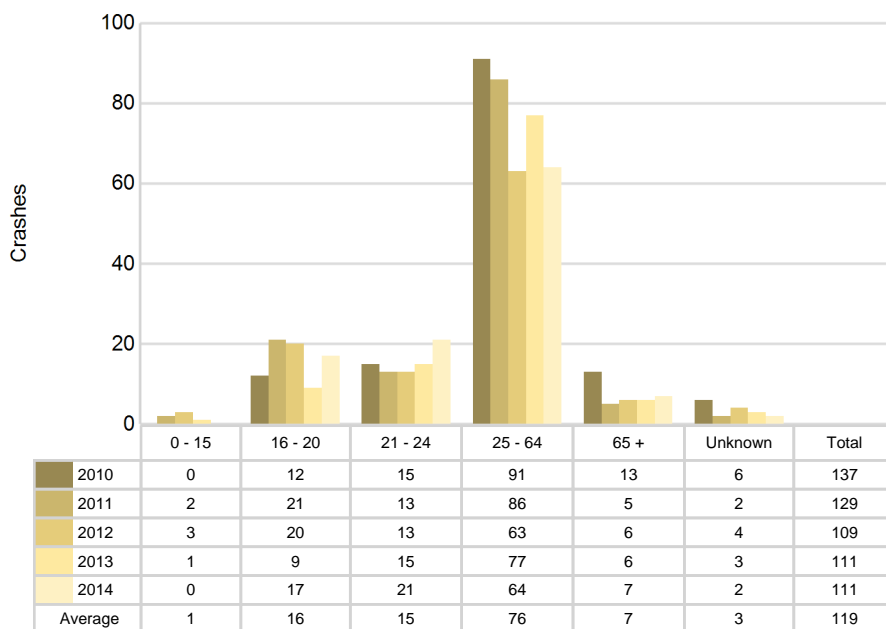
Restraint Use	2010			2011			2012			2013			2014		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	2	0	2	2	0	0	2	0	0	0	0	0	1	0	1
Shoulder belt only used	1	0	1	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	1	0	0	2	0	0
Both lap & shoulder belts used	190	1	47	165	1	48	172	1	53	212	2	67	206	2	54
No belts used	6	1	3	14	2	7	8	1	5	7	0	4	7	0	3
Child restraint used	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Child restraint not used, unavailable or improper use	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Restraint failure	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint use unknown	47	0	9	35	0	18	30	1	10	39	0	15	34	0	8
Helmet worn	3	1	2	2	0	2	3	0	3	3	0	1	1	0	1
Helmet not worn	0	0	0	2	0	2	3	1	2	8	3	5	2	0	2
Helmet use unknown	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Uncoded & errors	4	0	1	3	0	0	2	0	0	3	0	0	2	0	0
Total	254	3	65	224	3	78	220	4	73	273	5	92	256	2	69

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

Age Group	2010			2011			2012			2013			2014		
	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	2	0	0	3	0	0	1	0	0	0	0	0
16 - 20	12	0	8	21	2	8	20	0	10	9	1	1	17	0	5
21 - 24	15	0	6	13	0	4	13	0	3	15	0	7	21	0	4
25 - 64	91	2	22	86	1	22	63	2	15	77	1	23	64	0	13
65 +	13	0	2	5	0	1	6	0	2	6	1	0	7	0	3
Unknown	6	0	0	2	0	0	4	0	0	3	0	0	2	0	0
Total	137	2	38	129	3	35	109	2	30	111	3	31	111	0	25

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

5-Year Trend Driver Seatbelt Not Used

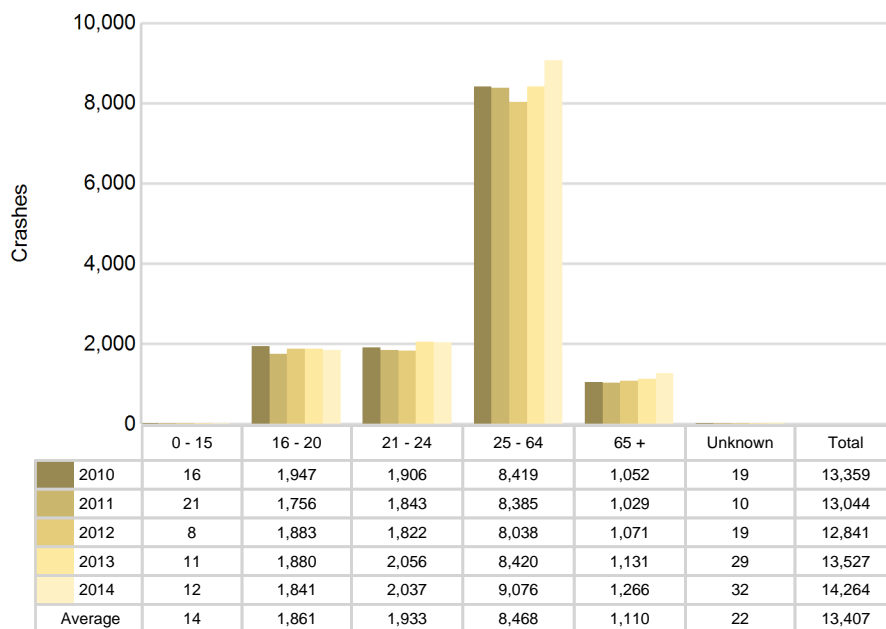


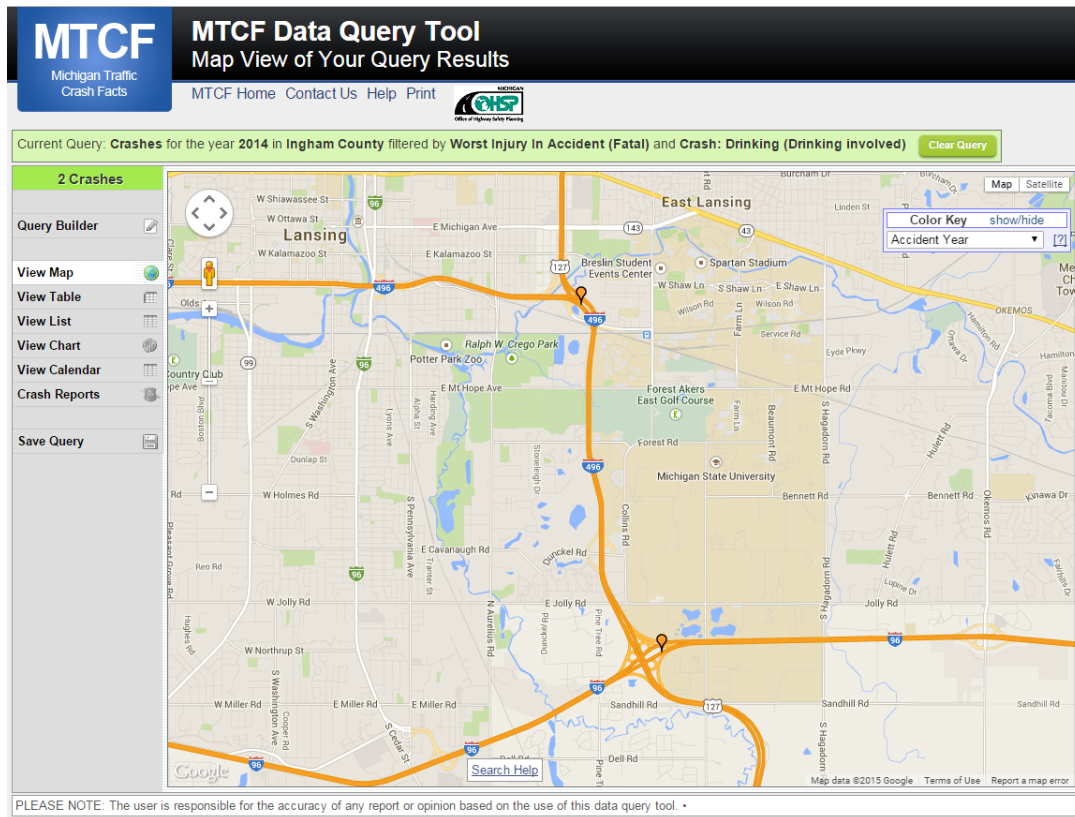
5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2010			2011			2012			2013			2014		
	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	16	0	1	21	0	1	8	0	3	11	0	0	12	0	1
16 - 20	1,947	0	170	1,756	1	173	1,883	1	153	1,880	0	151	1,841	1	137
21 - 24	1,906	0	175	1,843	0	151	1,822	0	184	2,056	3	171	2,037	0	196
25 - 64	8,419	1	848	8,385	2	807	8,038	2	826	8,420	1	853	9,076	4	876
65 +	1,052	1	128	1,029	3	121	1,071	2	133	1,131	1	156	1,266	1	128
Unknown	19	0	1	10	0	0	19	0	0	29	0	0	32	0	0
Total	13,359	2	1,323	13,044	6	1,253	12,841	5	1,299	13,527	5	1,331	14,264	6	1,338

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





The picture above represents all 2014 alcohol-involved fatal crashes in Ingham County.

In 2014, there were 274 alcohol-involved crashes in Ingham County:

- 2 K - Fatal Crashes
- 13 A - Incapacitating Injury Crashes
- 38 B - Non-incapacitating Injury Crashes
- 56 C - Possible Injury Crashes
- 165 O - Property Damage Only/No Injury Crashes

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