



Office of Highway Safety Planning

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

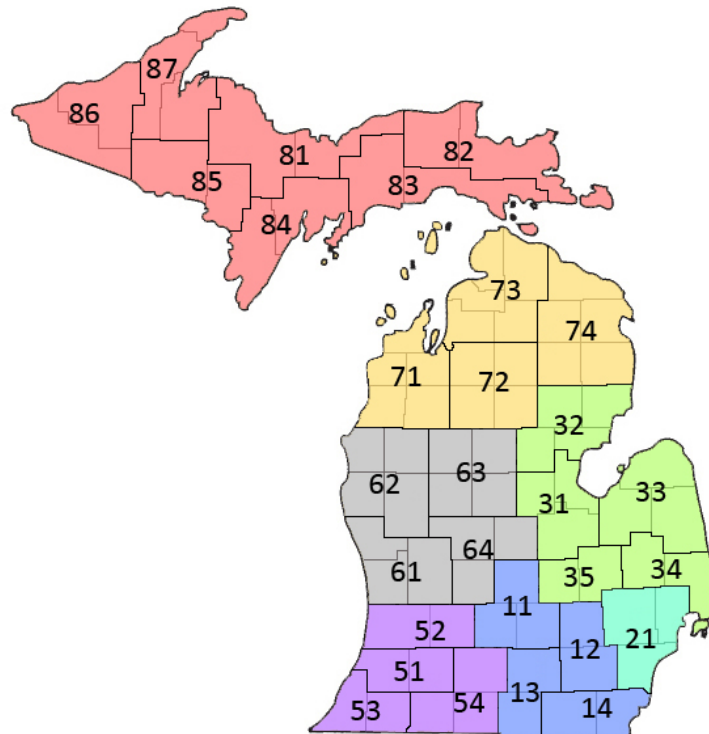
C = Possible Injury

O = No Injury

Property Damage Only (PDO)



Michigan Statewide Post Summary



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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Statewide Experience

In 2014:

There were 510,086 drivers involved in 298,699 motor vehicle crashes in Michigan. Of those crashes, 806 were classified as fatal, resulting in 876 fatalities. An additional 71,378 persons were injured.

Michigan experienced the highest number of motor vehicle crashes (38,199) in January, the highest number of fatal crashes (90) and the highest number of persons killed (96) in July.

Michigan driver statistics indicate 6.7 percent of licensed drivers were age 16-20, and 10.8 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	38,199	39	5,232	32,928	47	6,773
February	27,420	59	4,008	23,353	63	5,412
March	24,216	45	3,707	20,464	47	5,025
April	17,894	67	3,293	14,534	75	4,494
May	21,278	71	4,288	16,919	76	5,931
June	22,054	88	4,578	17,388	92	6,428
July	19,891	90	4,385	15,416	96	6,133
August	20,424	78	4,623	15,723	85	6,345
September	22,016	81	4,759	17,176	88	6,508
October	27,821	67	4,850	22,904	70	6,584
November	34,134	59	4,925	29,150	68	6,537
December	23,352	62	3,875	19,415	69	5,208
Total	298,699	806	52,523	245,370	876	71,378

2014 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2014 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	1,953,603	48,375	779	4.0	161.0
16 - 20	684,791	475,444	54,935	802.2	1,155.4
21 - 24	589,055	486,282	50,830	862.9	1,045.3
25 - 64	5,152,376	4,759,749	310,949	603.5	653.3
65 +	1,530,052	1,360,344	47,356	309.5	348.1
Unknown	- -	- -	45,237	- -	- -
Total	9,909,877	7,130,194	510,086	514.7	715.4

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	396,481	77.7	783	61.2	75,107	320,591
Van & motorhome	20,392	4.0	46	3.6	4,008	16,338
Pickup truck	57,763	11.3	174	13.6	9,801	47,788
Small truck under 10,000 lbs. GVWR	7,134	1.4	21	1.6	1,216	5,897
Cycle	2,934	0.6	110	8.6	2,135	689
Moped	403	0.1	3	0.2	314	86
Go Cart	32	0.0	1	0.1	13	18
Snowmobile	204	0.0	9	0.7	126	69
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	288	0.1	6	0.5	220	62
Other	2,155	0.4	9	0.7	392	1,754
Truck/bus over 10,000 lbs.	13,343	2.6	98	7.7	2,292	10,953
Unknown	8,957	1.8	20	1.6	786	8,151
Total	510,086	100.0	1,280	100.0	96,410	412,396

Michigan Statewide (continued)

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	24,669	55	29,240	64	27,951	52	27,420	66	38,199	39
February	26,698	52	25,755	45	22,753	63	25,779	50	27,420	59
March	18,014	57	21,149	63	19,212	77	20,714	53	24,216	45
April	17,752	60	18,273	52	17,856	57	19,245	47	17,894	67
May	21,576	77	20,753	64	21,691	71	22,206	73	21,278	71
June	21,978	74	22,651	64	21,847	92	21,745	72	22,054	88
July	20,515	90	20,757	79	20,335	92	20,875	99	19,891	90
August	20,064	93	19,658	95	19,869	83	20,353	94	20,424	78
September	22,458	79	22,610	76	20,724	78	21,850	98	22,016	81
October	27,326	86	26,685	88	27,207	79	27,165	85	27,821	67
November	27,185	75	29,729	68	26,571	63	30,460	88	34,134	59
December	33,840	70	26,789	76	27,875	63	31,249	56	23,352	62
Total	282,075	868	284,049	834	273,891	870	289,061	881	298,699	806

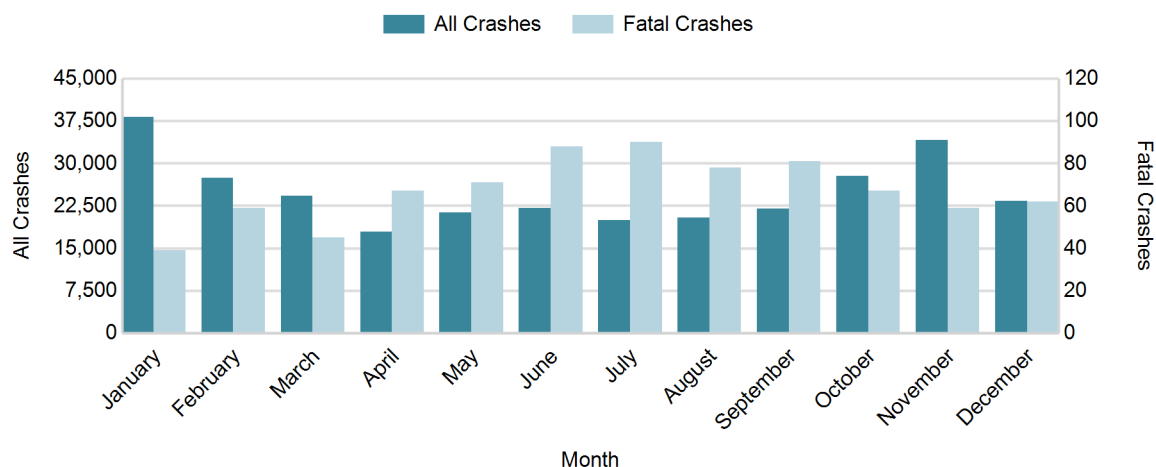
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

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	42,715	115	40,480	94	39,104	111	42,567	111	41,813	101
Tuesday	44,086	110	42,776	118	38,886	113	43,699	102	45,135	101
Wednesday	43,489	134	42,395	105	39,616	90	43,870	113	48,131	96
Thursday	42,624	106	42,721	114	40,914	96	44,778	115	48,198	105
Friday	46,283 †	140	47,210 †	115	49,394 †	154	46,473 †	147	49,347 †	111
Saturday	34,094	128	38,907	169	36,414	152	38,234	166	36,385	162
Sunday	28,784	135	29,560	119	29,563	154	29,440	127	29,690	130
Total	282,075	868	284,049	834	273,891	870	289,061	881	298,699	806

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

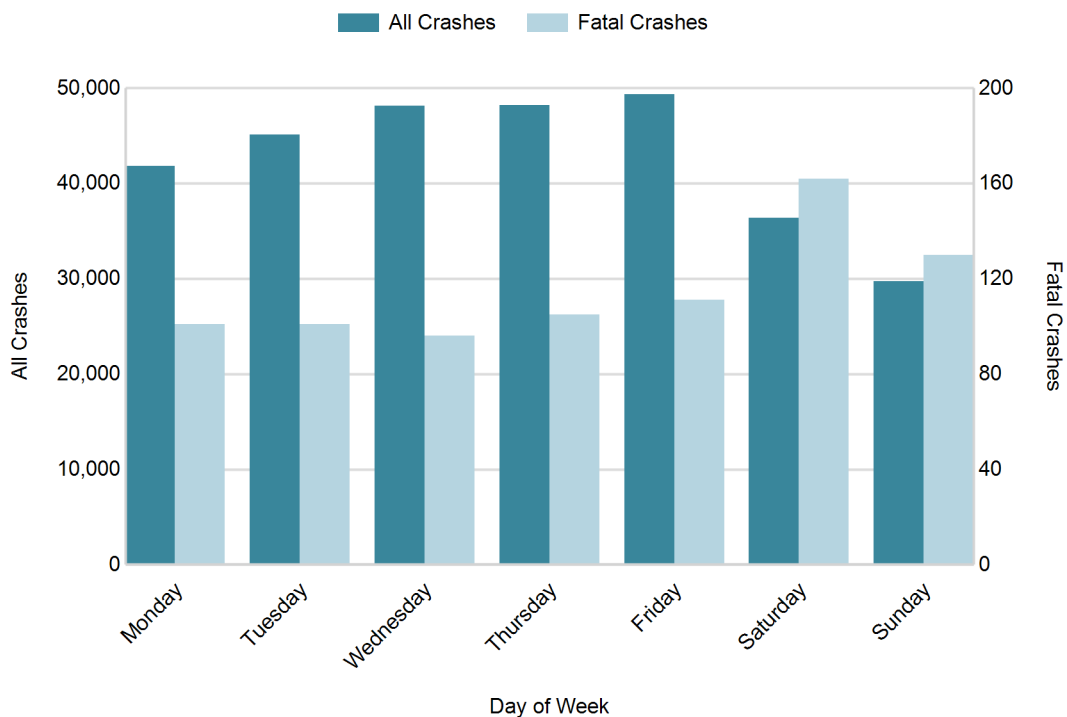
2014 Crashes by Month



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	41,813	14.0	101	12.5	478	1,653	5,047	34,534
Tuesday	45,135	15.1	101	12.5	528	1,900	5,473	37,133
Wednesday	48,131	16.1	96	11.9	558	1,887	5,673	39,917
Thursday	48,198	16.1	105	13.0	590	1,975	5,765	39,763
Friday	49,347	16.5	111	13.8	638	2,084	6,001	40,513
Saturday	36,385	12.2	162	20.1	649	1,866	4,246	29,462
Sunday	29,690	9.9	130	16.1	604	1,545	3,363	24,048
Total	298,699	100.0	806	100.0	4,045	12,910	35,568	245,370

2014 Day of Week and Severity

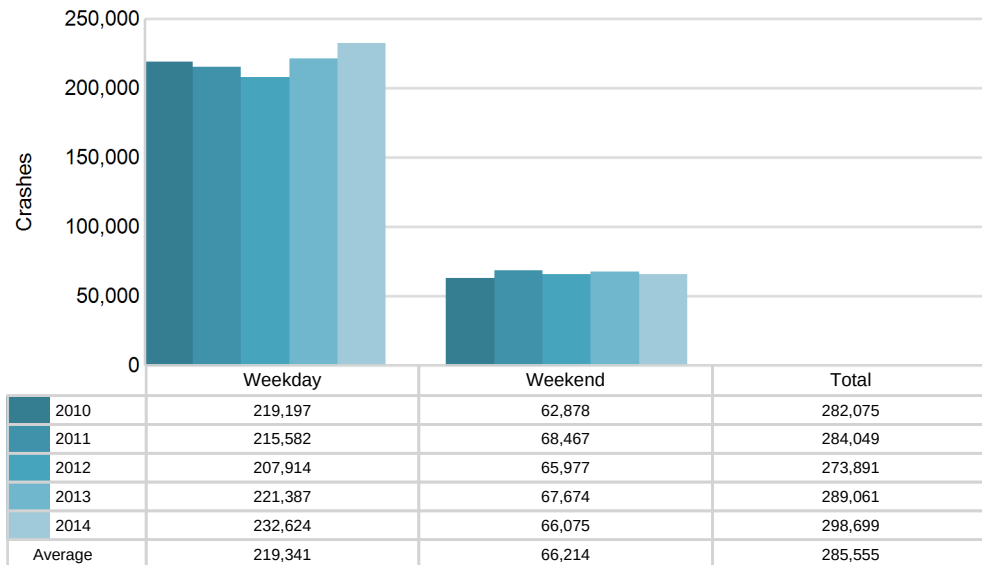


Michigan Statewide (continued)

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	219,197	605	215,582	546	207,914	564	221,387	588	232,624	514
Weekend	62,878	263	68,467	288	65,977	306	67,674	293	66,075	292
Total	282,075	868	284,049	834	273,891	870	289,061	881	298,699	806

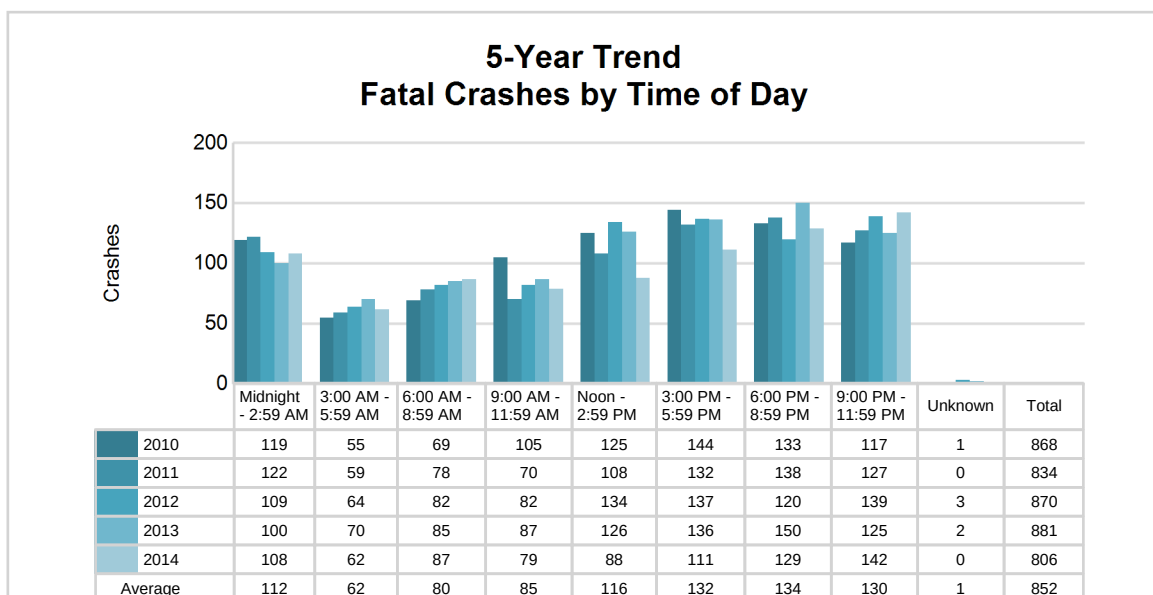
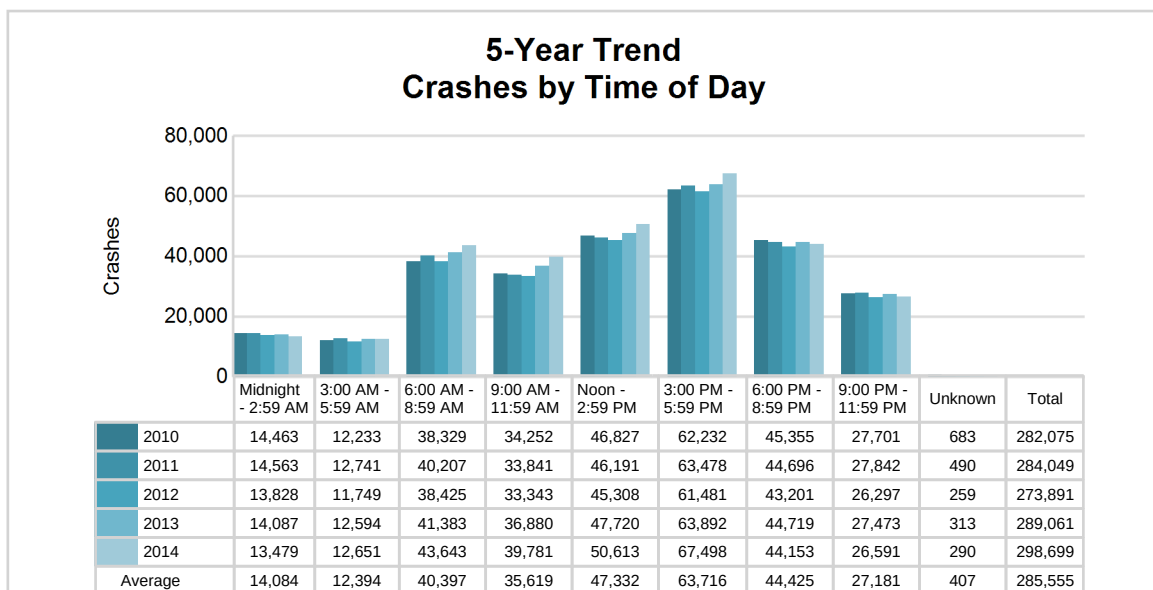
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

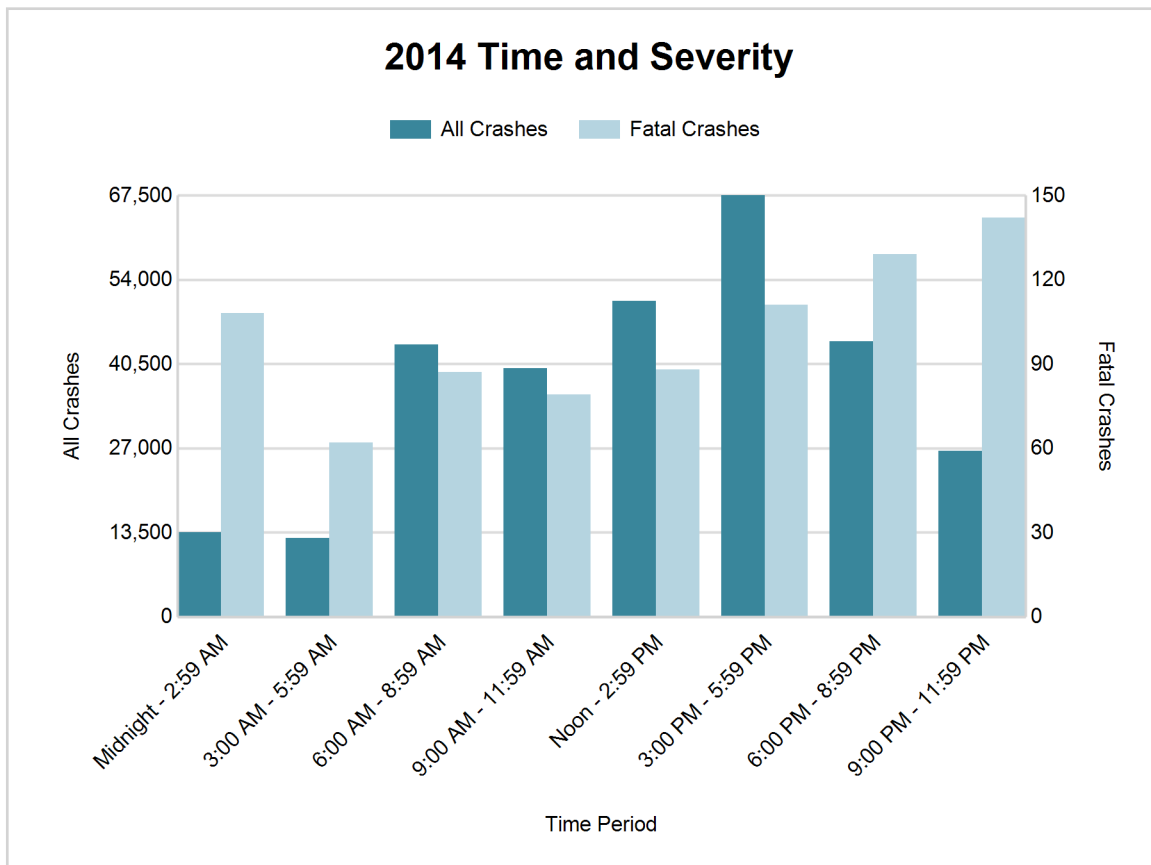
Time of Day	2010		2011		2012		2013		2014	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	14,463	119	14,563	122	13,828	109	14,087	100	13,479	108
3:00 AM - 5:59 AM	12,233	55	12,741	59	11,749	64	12,594	70	12,651	62
6:00 AM - 8:59 AM	38,329	69	40,207	78	38,425	82	41,383	85	43,643	87
9:00 AM - 11:59 AM	34,252	105	33,841	70	33,343	82	36,880	87	39,781	79
Noon - 2:59 PM	46,827	125	46,191	108	45,308	134	47,720	126	50,613	88
3:00 PM - 5:59 PM	62,232 †	144	63,478 †	132	61,481 †	137	63,892 †	136	67,498 †	111
6:00 PM - 8:59 PM	45,355	133	44,696	138	43,201	120	44,719	150	44,153	129
9:00 PM - 11:59 PM	27,701	117	27,842	127	26,297	139	27,473	125	26,591	142
Unknown	683	1	490	0	259	3	313	2	290	0
Total	282,075	868	284,049	834	273,891	870	289,061	881	298,699	806

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

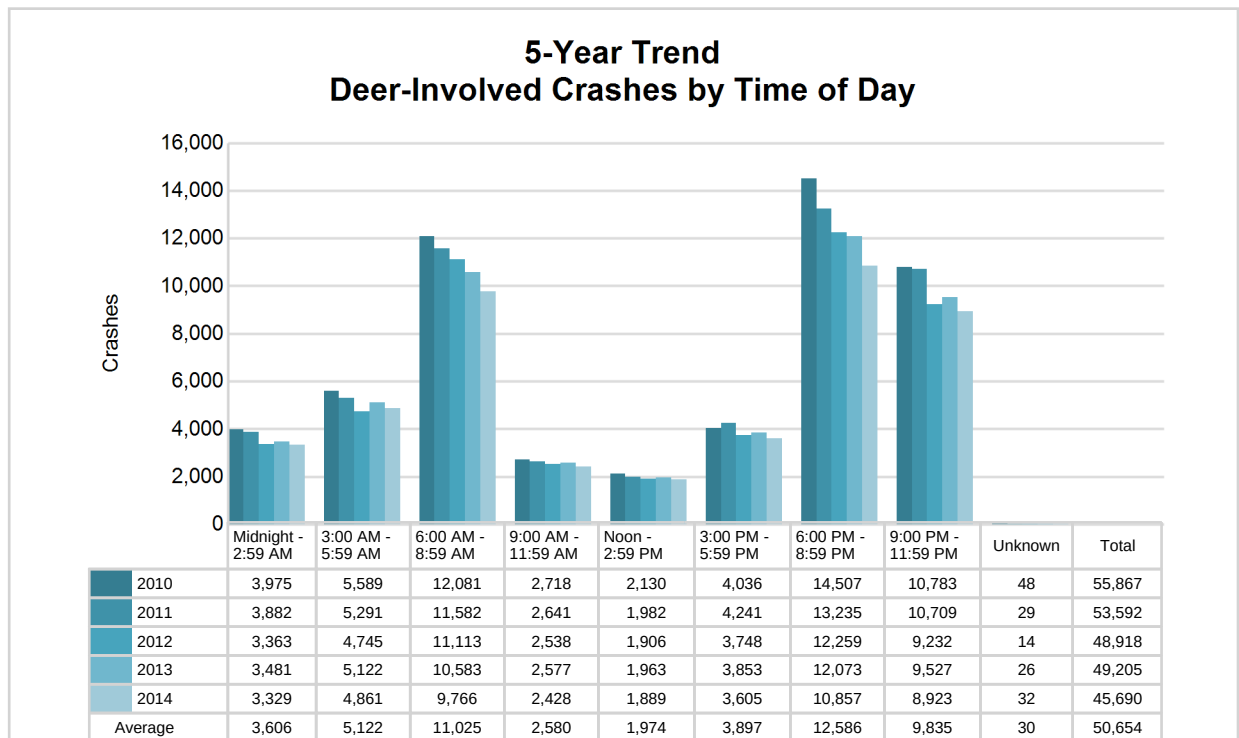
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	13,479	4.5	108	13.4	326	782	1,381	10,882
3:00 AM - 5:59 AM	12,651	4.2	62	7.7	223	560	1,032	10,774
6:00 AM - 8:59 AM	43,643	14.6	87	10.8	460	1,422	4,324	37,350
9:00 AM - 11:59 AM	39,781	13.3	79	9.8	457	1,715	5,136	32,394
Noon - 2:59 PM	50,613	16.9	88	10.9	655	2,377	6,978	40,515
3:00 PM - 5:59 PM	67,498	22.6	111	13.8	875	3,005	9,065	54,442
6:00 PM - 8:59 PM	44,153	14.8	129	16.0	598	1,860	4,946	36,620
9:00 PM - 11:59 PM	26,591	8.9	142	17.6	450	1,180	2,693	22,126
Unknown	290	0.1	0	0.0	1	9	13	267
Total	298,699	100.0	806	100.0	4,045	12,910	35,568	245,370

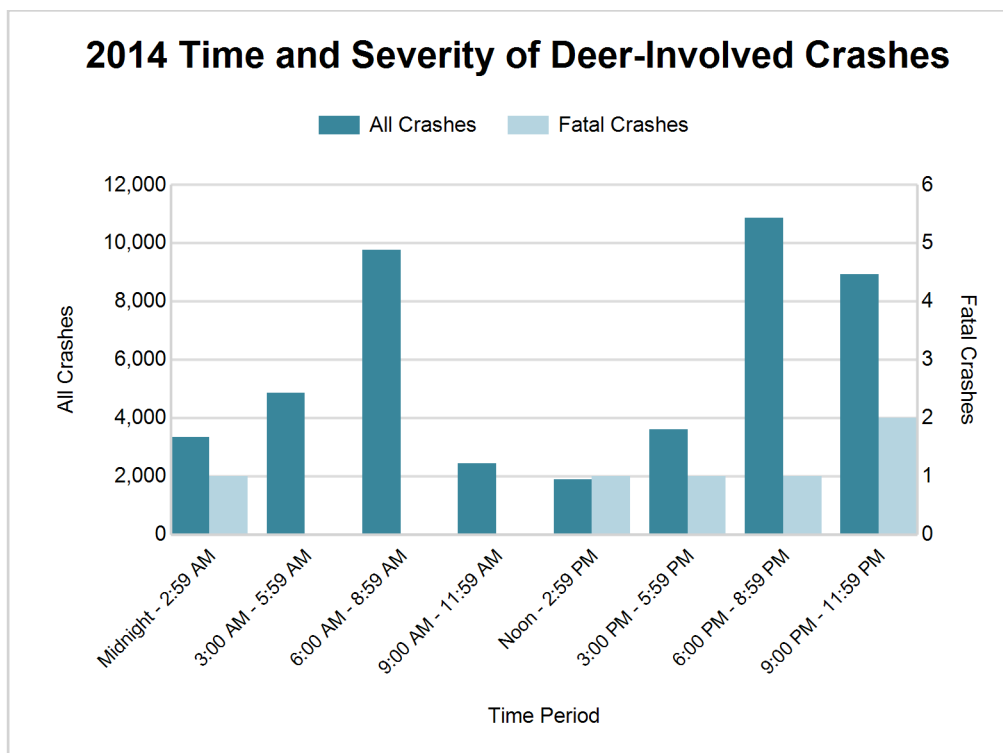


5-Year Trend - Deer-Involved Crashes by Time of Day

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	3,975	0	3,882	1	3,363	1	3,481	1	3,329	1
3:00 AM - 5:59 AM	5,589	3	5,291	3	4,745	0	5,122	1	4,861	0
6:00 AM - 8:59 AM	12,081	1	11,582	0	11,113	0	10,583	1	9,766	0
9:00 AM - 11:59 AM	2,718	0	2,641	0	2,538	1	2,577	0	2,428	0
Noon - 2:59 PM	2,130	1	1,982	0	1,906	1	1,963	0	1,889	1
3:00 PM - 5:59 PM	4,036	1	4,241	0	3,748	2	3,853	1	3,605	1
6:00 PM - 8:59 PM	14,507 †	2	13,235 †	2	12,259 †	1	12,073 †	5	10,857 †	1
9:00 PM - 11:59 PM	10,783	3	10,709	2	9,232	2	9,527	3	8,923	2
Unknown	48	0	29	0	14	0	26	0	32	0
Total	55,867	11	53,592	8	48,918	8	49,205	12	45,690	6

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





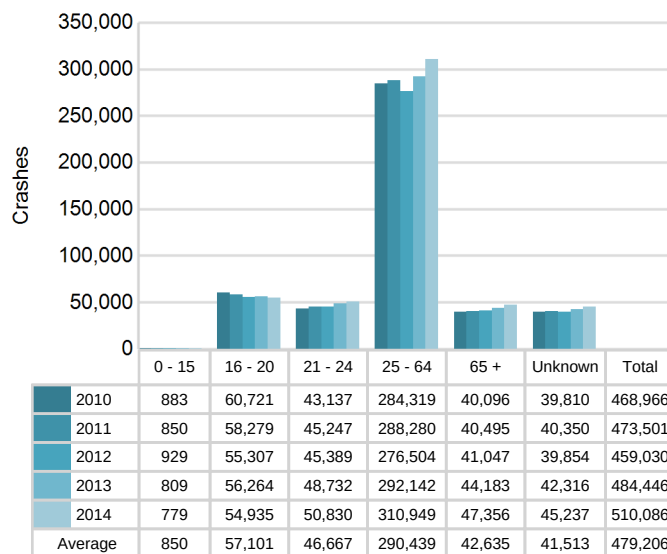
2014 - Reported Motor Vehicle Crashes by Post

Post	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Post 11 - Lansing	14,747	36	2,396	12,315	2,783	747	3,490	7,727	414	80	3,032	38	3,220
Post 12 - Brighton	15,848	47	2,566	13,235	2,623	2,391	1,599	9,235	502	113	1,674	49	3,364
Post 13 - Jackson	6,722	22	985	5,715	962	522	1,140	4,098	191	33	2,052	26	1,297
Post 14 - Monroe	6,473	34	1,202	5,237	683	1,292	981	3,517	296	77	931	36	1,664
Post 21 - Metro	112,853	258	22,916	89,679	17,690	5,364	21,611	68,188	3,201	804	2,771	279	31,348
Post 31 - Tri-City	10,615	23	1,777	8,815	853	455	3,202	6,105	381	83	2,048	25	2,378
Post 32 - West Branch	2,739	10	388	2,341	235	363	731	1,410	86	13	1,340	10	521
Post 33 - Caro	4,569	22	541	4,006	0	0	1,898	2,671	131	22	2,725	28	746
Post 34 - Lapeer	6,619	26	1,103	5,490	990	0	1,605	4,024	258	62	1,908	29	1,492
Post 35 - Flint	12,108	33	2,449	9,626	2,326	413	1,948	7,421	447	105	1,724	35	3,403
Post 51 - Paw Paw	10,591	20	1,755	8,816	1,886	554	1,898	6,253	372	73	1,347	23	2,396
Post 52 - Wayland	4,988	22	792	4,174	325	565	1,361	2,737	222	32	1,455	25	1,105
Post 53 - Niles	5,981	20	1,013	4,948	1,011	571	1,395	3,004	231	35	1,095	20	1,396
Post 54 - Coldwater	7,830	27	1,156	6,647	1,511	823	1,601	3,895	250	50	2,098	27	1,563
Post 61 - Rockford	33,271	87	5,860	27,324	3,181	3,931	5,405	20,754	1,151	115	2,659	94	7,868
Post 62 - Hart	4,054	13	541	3,500	0	871	705	2,478	124	31	1,881	15	759
Post 63 - Mount Pleasant	6,678	21	782	5,875	0	1,661	1,374	3,643	186	38	2,735	24	1,123
Post 64 - Lakeview	5,302	16	756	4,530	317	596	1,503	2,886	134	25	2,268	17	1,034
Post 71 - Cadillac	7,147	21	910	6,216	0	1,788	1,395	3,964	210	41	2,206	22	1,222
Post 72 - Houghton Lake	2,514	10	350	2,154	296	229	713	1,276	66	17	1,158	11	491
Post 73 - Gaylord	5,398	14	697	4,687	371	1,055	933	3,039	158	24	2,119	16	955
Post 74 - Alpena	2,526	4	267	2,255	0	382	728	1,416	71	8	1,503	4	337
Post 81 - Negaunee	2,102	5	367	1,730	0	540	357	1,205	81	22	332	6	485
Post 82 - Sault Ste Marie	1,127	5	171	951	224	0	299	604	29	6	320	5	211
Post 83 - St. Ignace	816	0	89	727	113	223	198	282	27	8	407	0	120
Post 84 - Gladstone	1,833	5	274	1,554	0	663	273	897	54	11	681	7	361
Post 85 - Iron Mountain	1,377	2	170	1,205	0	528	333	516	42	5	669	2	210
Post 86 - Wakefield	499	2	65	432	0	186	146	167	21	3	201	2	79
Post 87 - Calumet	1,372	1	185	1,186	0	457	360	555	60	8	351	1	230
Total	298,699	806	52,523	245,370	38,380	27,170	59,182	173,967	9,396	1,944	45,690	876	71,378

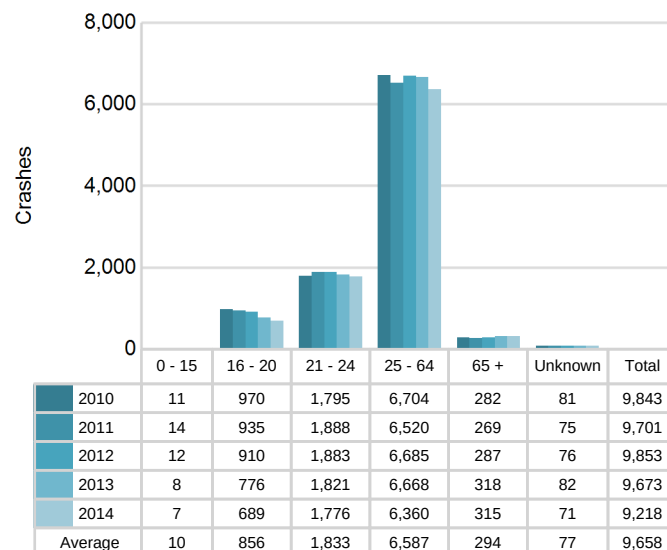
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	883	11	850	14	929	12	809	8	779	7
16 - 20	60,721	970	58,279	935	55,307	910	56,264	776	54,935	689
21 - 24	43,137	1,795	45,247	1,888	45,389	1,883	48,732	1,821	50,830	1,776
25 - 64	284,319	6,704	288,280	6,520	276,504	6,685	292,142	6,668	310,949	6,360
65 +	40,096	282	40,495	269	41,047	287	44,183	318	47,356	315
Unknown	39,810	81	40,350	75	39,854	76	42,316	82	45,237	71
Total	468,966	9,843	473,501	9,701	459,030	9,853	484,446	9,673	510,086	9,218

**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	11	12	6	7	0	0	2	1	4
16 - 20	1,007	911	583	689	18	106	212	119	234
21 - 24	2,189	1,858	1,492	1,776	24	174	560	445	573
25 - 64	8,883	7,007	5,203	6,360	77	456	1,488	1,868	2,471
65 +	594	537	276	315	11	57	100	57	90
Unknown	1,209	33	0	71	0	0	0	0	71
Total	13,893	10,358	7,560	9,218	130	793	2,362	2,490	3,443

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 13,893 drivers in alcohol-involved crashes; 9,218 (66.3%) of those drivers were coded as had-been-drinking by the officer on the crash form.

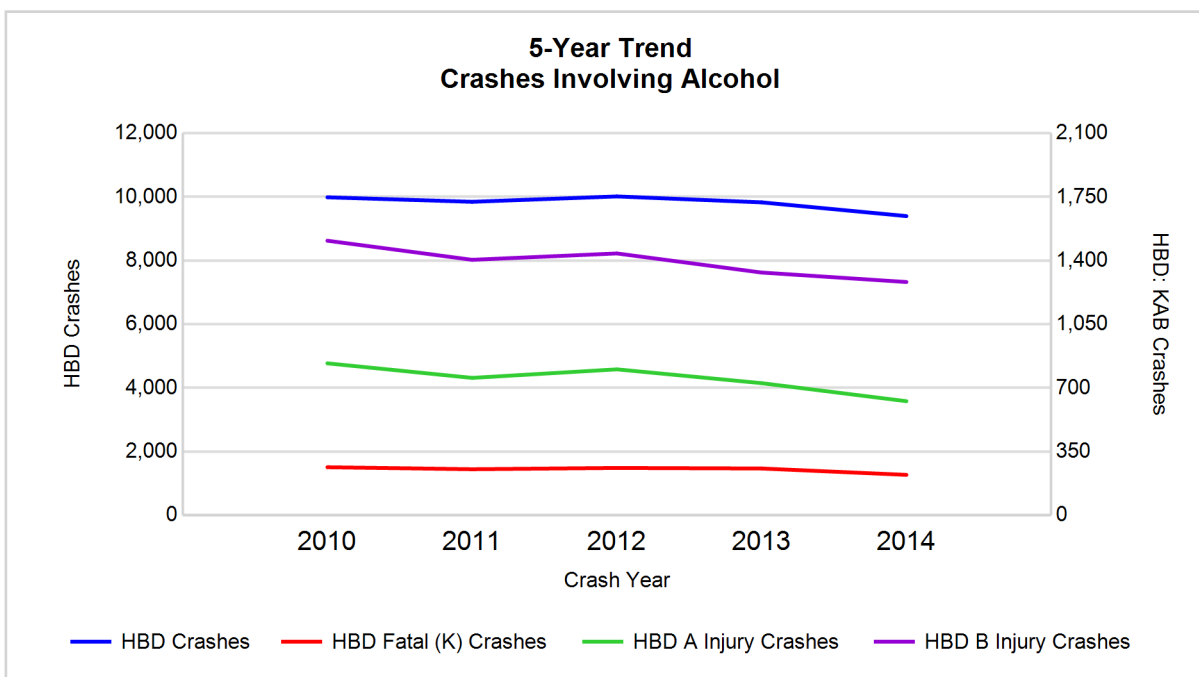
- 4,852 (52.6%) of the 9,218 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 2,490 (51.3%) of the 4,852 drivers had a BAC at or above 0.17 g/dL.
- 7,560 (82.0%) of the 9,218 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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	282,075	9,986	3.5	868	264	30.4	4,797	835	17.4	13,404	1,509	11.3
2011	284,049	9,845	3.5	834	253	30.3	4,606	755	16.4	13,281	1,404	10.6
2012	273,891	10,014	3.7	870	260	29.9	4,540	802	17.7	13,199	1,439	10.9
2013	289,061	9,828	3.4	881	257	29.2	4,311	726	16.8	13,163	1,334	10.1
2014	298,699**	9,396*	3.1*	806*	222*	27.5*	4,045*	627*	15.5*	12,910*	1,282*	9.9*

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



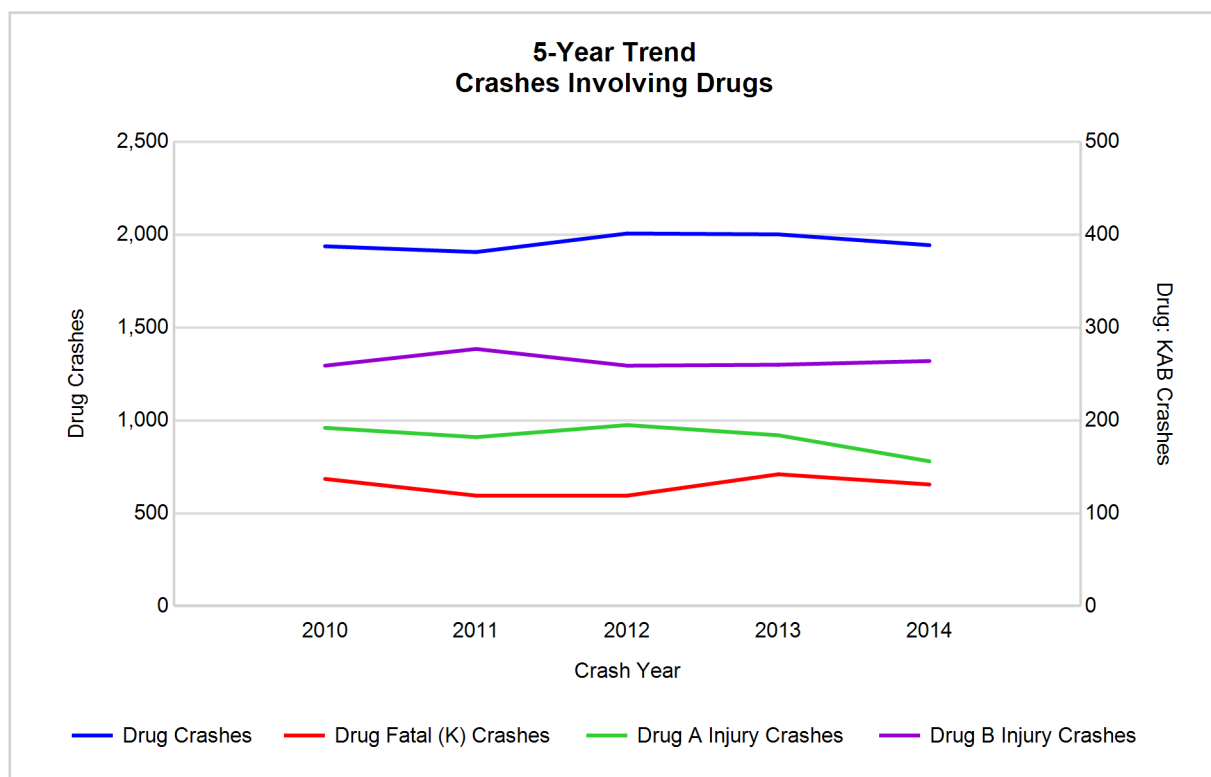
Note: Had-Been-Drinking (HBD)

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	282,075	1,938	0.7	868	137	15.8	4,797	192	4.0	13,404	259	1.9
2011	284,049	1,907	0.7	834	119	14.3	4,606	182	4.0	13,281	277	2.1
2012	273,891	2,007	0.7	870	119	13.7	4,540	195	4.3	13,199	259	2.0
2013	289,061	2,002	0.7	881	142	16.1	4,311	184	4.3	13,163	260	2.0
2014	298,699**	1,944	0.7	806*	131	16.3**	4,045*	156*	3.9*	12,910*	264	2.0

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

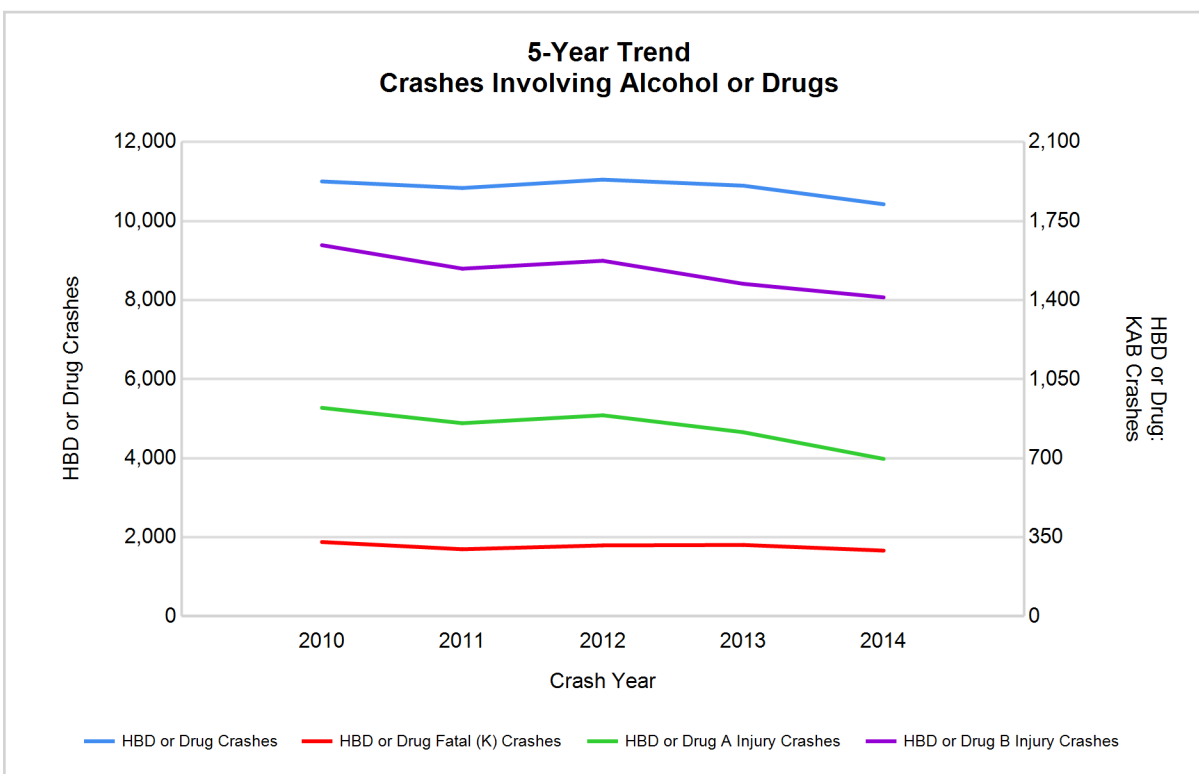


5-Year Trend - Crashes Involving Alcohol or Drugs

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
2010	282,075	11,001	3.9	868	329	37.9	4,797	923	19.2	13,404	1,643	12.3
2011	284,049	10,835	3.8	834	297	35.6	4,606	855	18.6	13,281	1,539	11.6
2012	273,891	11,047	4.0	870	314	36.1	4,540	890	19.6	13,199	1,574	11.9
2013	289,061	10,894	3.8	881	316	35.9	4,311	815	18.9	13,163	1,472	11.2
2014	298,699**	10,424*	3.5*	806*	291*	36.1	4,045*	697*	17.2*	12,910*	1,412*	10.9*

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	410,770	365,279	88.9	457	242	53.0	2,997	2,349	78.4	11,398	10,169	89.2	40,235	37,776	93.9	329,427	314,498	95.5
Van & motorhome	21,425	19,037	88.9	19	14	73.7	179	120	67.0	556	469	84.4	2,138	1,980	92.6	17,208	16,434	95.5
Pickup truck	59,182	52,696	89.0	84	34	40.5	421	296	70.3	1,429	1,239	86.7	3,851	3,602	93.5	49,685	47,477	95.6
Small truck under 10,000 lbs. GVWR	7,358	6,447	87.6	8	5	62.5	59	46	78.0	178	153	86.0	559	506	90.5	6,069	5,727	94.4
Cycle	3,191	2,113	66.2	107	50	46.7	510	309	60.6	1,038	718	69.2	761	532	69.9	713	497	69.7
Moped	426	147	34.5	3	1	33.3	59	14	23.7	158	55	34.8	109	42	38.5	80	35	43.8
Go Cart	37	20	54.1	1	0	0.0	4	3	75.0	6	2	33.3	3	1	33.3	21	14	66.7
Snowmobile	209	184	88.0	6	5	83.3	31	27	87.1	29	29	100.0	57	55	96.5	76	68	89.5
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	328	159	48.5	6	3	50.0	76	36	47.4	98	54	55.1	57	30	52.6	78	34	43.6
Other	2,227	1,355	60.8	5	0	0.0	36	5	13.9	72	32	44.4	125	77	61.6	1,609	1,239	77.0
Truck/bus over 10,000 lbs.	13,631	12,322	90.4	10	2	20.0	36	24	66.7	138	97	70.3	615	366	59.5	12,354	11,828	95.7
Unknown	8,975	179	2.0	1	0	0.0	1	0	0.0	3	1	33.3	16	5	31.3	464	148	31.9
Total	527,759	459,938	87.1	707	356	50.4	4,409	3,229	73.2	15,103	13,018	86.2	48,526	44,972	92.7	417,784	397,999	95.3

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

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	5,096	4,356	85.5	19	9	47.4	205	144	70.2	1,001	820	81.9	3,231	2,864	88.6	629	516	82.0
16 - 20	57,658	54,914	95.2	83	33	39.8	540	371	68.7	2,238	1,923	85.9	5,668	5,137	90.6	49,050	47,423	96.7
21 - 24	52,626	49,580	94.2	89	43	48.3	479	322	67.2	1,820	1,528	84.0	5,196	4,703	90.5	44,954	42,962	95.6
25 - 64	318,075	302,925	95.2	376	177	47.1	2,631	1,924	73.1	8,402	7,231	86.1	29,324	27,434	93.6	276,834	266,062	96.1
65 +	49,023	47,225	96.3	140	94	67.1	547	468	85.6	1,616	1,508	93.3	5,000	4,802	96.0	41,660	40,334	96.8
Unknown	45,281	938	2.1	0	0	0.0	7	0	0.0	26	8	30.8	107	32	29.9	4,657	702	15.1
Total	527,759	459,938	87.1	707	356	50.4	4,409	3,229	73.2	15,103	13,018	86.2	48,526	44,972	92.7	417,784	397,999	95.3

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

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	2,038	10	409	2,499	2	389	2,484	8	404	1,979	8	303	1,974	8	263
Shoulder belt only used	563	0	62	629	2	75	579	1	92	851	3	91	964	1	101
Lap belt only used	1,021	2	92	1,088	1	114	1,017	3	137	1,280	2	133	1,657	3	178
Both lap & shoulder belts used	405,526	247	43,186	409,026	243	44,247	395,307	250	42,857	418,752	248	43,824	439,913	229	44,467
No belts used	3,308	135	1,385	3,416	143	1,371	3,507	166	1,356	3,277	142	1,225	3,321	133	1,157
Child restraint used	26	0	7	26	0	2	27	0	2	18	0	1	10	0	1
Child restraint not used, unavailable or improper use	79	0	7	60	0	5	29	0	2	17	0	1	22	0	1
Restraint failure	71	0	6	104	1	15	135	0	23	116	0	17	152	1	20
Restraint use unknown	25,398	53	1,789	28,003	44	1,738	28,464	57	1,619	29,298	65	1,631	31,315	52	1,722
Helmet worn	3,270	124	2,357	3,209	104	2,355	2,970	68	2,190	2,637	71	1,861	2,418	56	1,707
Helmet not worn	286	14	226	329	13	252	1,126	60	857	1,124	70	829	1,085	47	812
Helmet use unknown	117	11	26	120	7	47	208	7	96	207	8	90	261	10	116
Uncoded & errors	27,263	1	257	24,992	1	162	23,177	0	57	24,890	0	44	26,994	0	58
Total	468,966	597	49,809	473,501	561	50,772	459,030	620	49,692	484,446	617	50,050	510,086	540	50,603

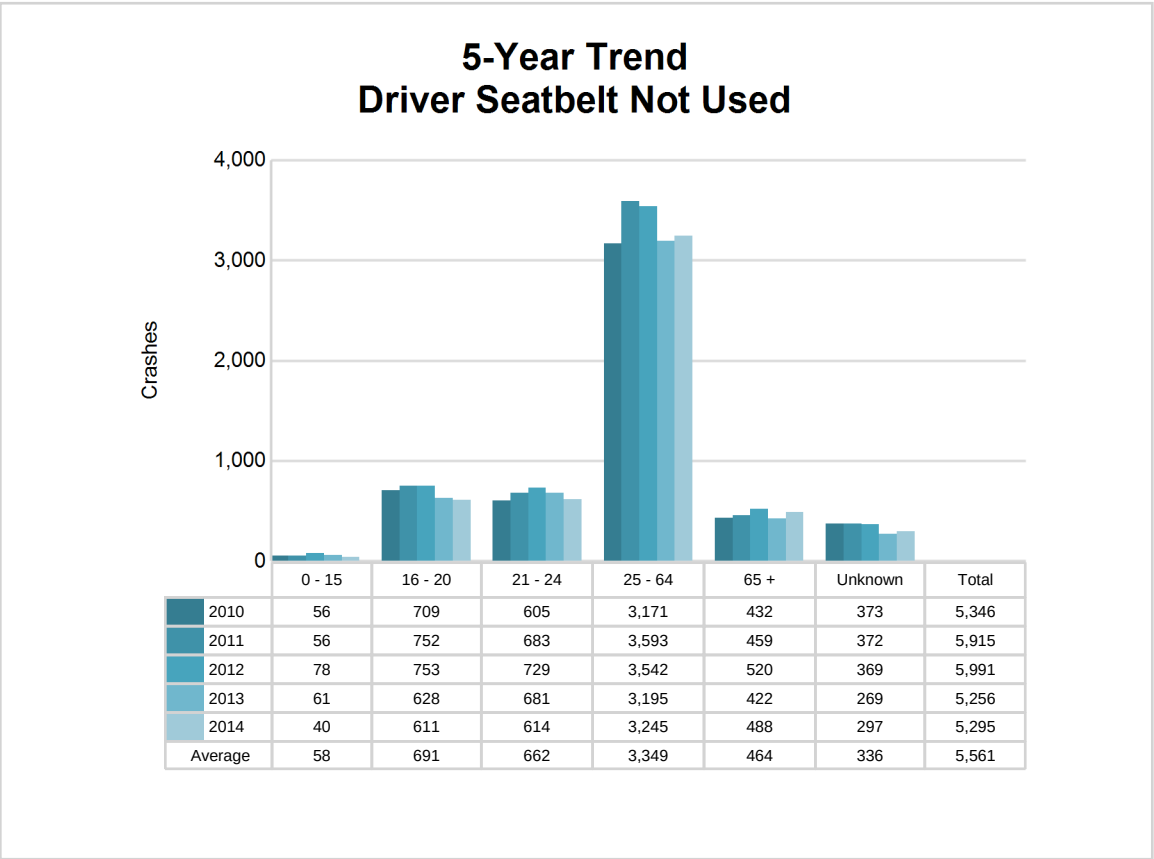
5-Year Trend - Restraint Use Among Drivers Coded Drinking

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	83	3	40	80	0	38	70	2	27	66	1	34	61	1	16
Shoulder belt only used	17	0	4	19	0	7	24	0	10	36	0	11	20	1	7
Lap belt only used	14	0	4	23	1	11	23	1	13	20	0	6	34	0	11
Both lap & shoulder belts used	6,940	40	1,818	6,899	44	1,740	7,003	43	1,794	7,110	43	1,809	6,795	35	1,632
No belts used	726	58	420	682	59	409	748	65	443	592	60	342	563	44	355
Child restraint used	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Child restraint not used, unavailable or improper use	5	0	1	1	0	0	1	0	1	1	0	1	3	0	0
Restraint failure	4	0	0	3	0	1	8	0	4	7	0	3	13	0	2
Restraint use unknown	1,632	18	481	1,651	13	438	1,572	16	444	1,512	14	410	1,418	15	373
Helmet worn	242	35	181	197	29	138	170	17	133	113	12	80	103	12	73
Helmet not worn	62	8	51	78	6	71	157	19	125	168	29	121	156	14	127
Helmet use unknown	16	5	7	12	1	8	20	2	15	12	0	9	18	2	12
Uncoded & errors	101	0	28	55	0	11	57	0	3	36	0	1	34	0	2
Total	9,843	167	3,035	9,701	153	2,873	9,853	165	3,012	9,673	159	2,827	9,218	124	2,610

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	56	1	22	56	0	22	78	2	17	61	0	14	40	1	8
16 - 20	709	15	316	752	16	297	753	19	272	628	11	228	611	18	198
21 - 24	605	15	264	683	18	254	729	25	299	681	15	252	614	18	203
25 - 64	3,171	92	1,066	3,593	92	1,051	3,542	95	1,028	3,195	99	917	3,245	80	883
65 +	432	22	119	459	19	133	520	33	129	422	25	107	488	24	114
Unknown	373	0	7	372	0	3	369	0	15	269	0	10	297	0	14
Total	5,346	145	1,794	5,915	145	1,760	5,991	174	1,760	5,256	150	1,528	5,295	141	1,420

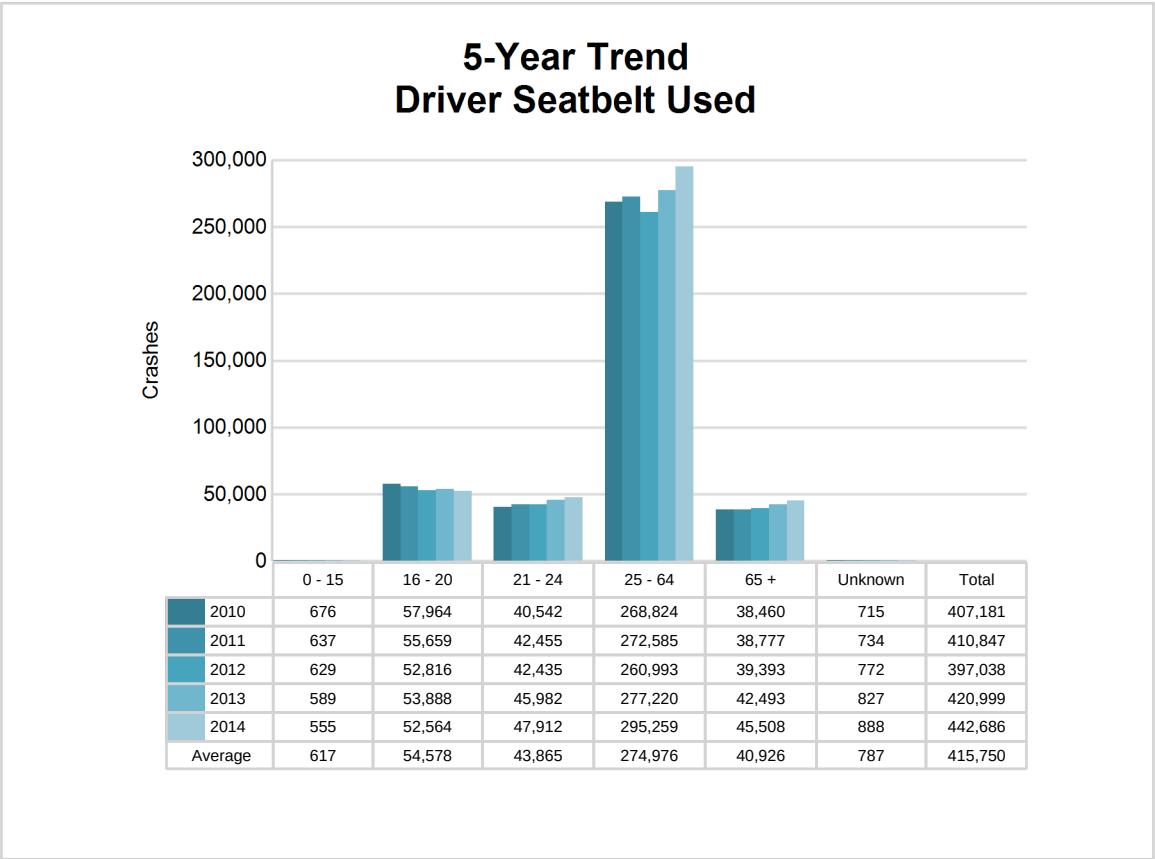
Note: Seatbelt Not Used includes no belts available or no belts used.

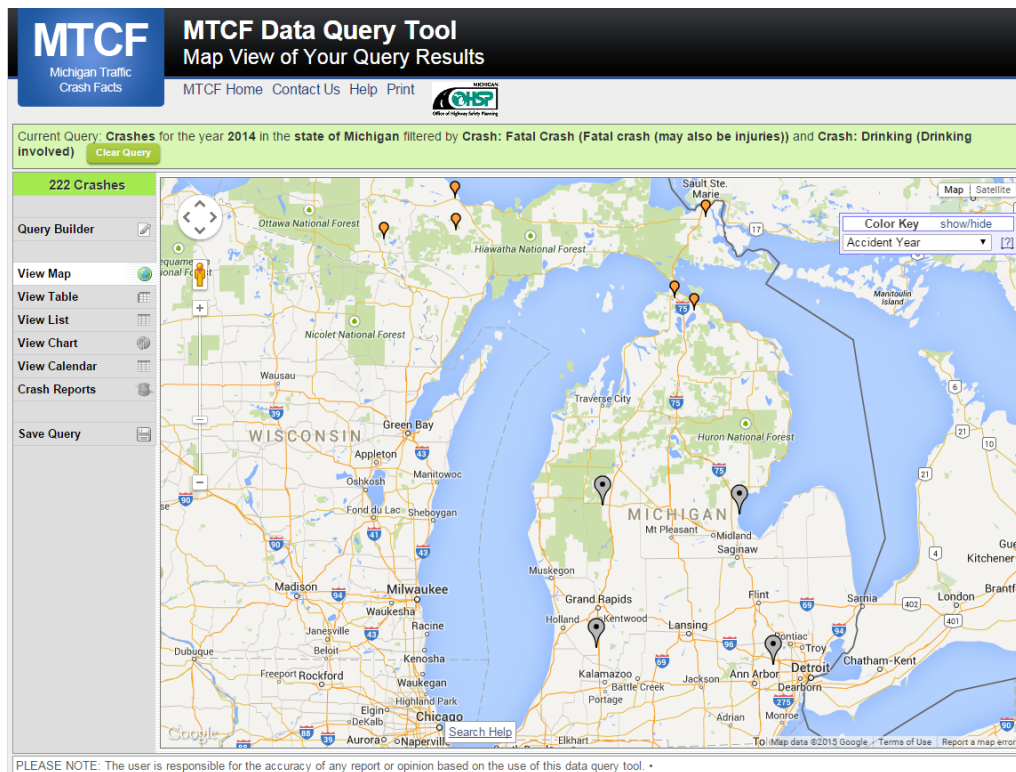


5-Year Trend - Seatbelt Used Among Drivers by Age

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	676	1	71	637	0	65	629	0	62	589	1	56	555	1	55
16 - 20	57,964	27	6,120	55,659	31	5,904	52,816	25	5,658	53,888	28	5,562	52,564	18	5,166
21 - 24	40,542	19	4,458	42,455	25	4,560	42,435	32	4,741	45,982	17	4,945	47,912	25	4,974
25 - 64	268,824	130	27,992	272,585	121	29,209	260,993	125	27,906	277,220	118	28,444	295,259	120	29,413
65 +	38,460	72	4,684	38,777	70	4,699	39,393	72	4,728	42,493	89	5,036	45,508	70	5,134
Unknown	715	0	21	734	0	14	772	0	14	827	0	22	888	0	24
Total	407,181	249	43,346	410,847	247	44,451	397,038	254	43,109	420,999	253	44,065	442,686	234	44,766

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





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

222 K - Fatal Crashes

627 A - Incapacitating Injury Crashes

1,282 B - Non-incapacitating Injury Crashes

1,660 C - Possible Injury Crashes

5,605 O - Property Damage Only/No Injury Crashes

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