



2015

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

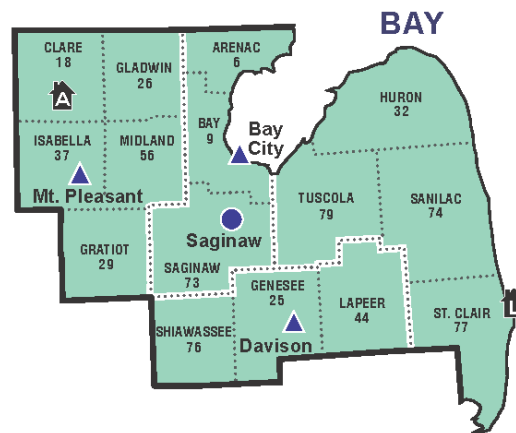
Property Damage Only (PDO)



MDOT Region - Bay

2015 Traffic Crash Data & 2011-2015 5-Year Trends

Beginning October 2015, MDOT Region - Bay is comprised of Arenac, Bay, Clare, Genesee, Gladwin, Gratiot, Huron, Isabella, Lapeer, Midland, Saginaw, St. Clair, Sanilac, Shiawassee, and Tuscola counties. Trend tables for this report are based on those counties.



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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MDOT Region - Bay Experience

In 2015:

There were 62,090 drivers involved in 40,633 motor vehicle crashes in MDOT Region Bay. Of those crashes, 151 were classified as fatal, resulting in 162 fatalities. An additional 9,795 persons were injured.

MDOT Region Bay experienced the highest number of motor vehicle crashes (4,961) in November, the highest number of fatal crashes (26) and the highest number of persons killed (29) in July.

Michigan driver statistics indicate 6.6 percent of licensed drivers in MDOT Region Bay were age 16-20, and 12.0 percent of drivers in crashes were also in that age group.

2015 - Crashes and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	4,395	7	691	3,697	8	932
February	3,222	3	479	2,740	3	645
March	2,797	8	442	2,347	8	607
April	2,618	9	458	2,151	9	650
May	3,067	12	603	2,452	13	868
June	3,139	13	586	2,540	14	820
July	2,844	26	651	2,167	29	936
August	2,596	13	599	1,984	14	844
September	2,998	15	602	2,381	16	860
October	4,304	18	664	3,622	19	980
November	4,961	17	613	4,331	19	860
December	3,692	10	562	3,120	10	793
Total	40,633	151	6,950	33,532	162	9,795

2015 - Driver Statistics

Age Group	MDOT Region - Bay			Driver Rates	
	2015 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	268,618	7,974	115	4.3	144.2
16 - 20	97,124	68,829	7,453	767.4	1,082.8
21 - 24	80,153	67,499	6,054	755.3	896.9
25 - 64	729,191	674,277	37,838	518.9	561.2
65 +	245,579	221,107	7,043	286.8	318.5
Unknown	- -	- -	3,587	- -	- -
Total	1,420,665	1,039,686	62,090	437.0	597.2

2015 - 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	46,026	74.1	138	57.3	8,838	37,050
Van & motorhome	2,431	3.9	7	2.9	494	1,930
Pickup truck	10,138	16.3	49	20.3	1,758	8,331
Small truck under 10,000 lbs. GVWR	840	1.4	2	0.8	186	652
Cycle	466	0.8	23	9.5	332	111
Moped	56	0.1	1	0.4	44	11
Go Cart	4	0.0	0	0.0	3	1
Snowmobile	14	0.0	0	0.0	9	5
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	49	0.1	3	1.2	38	8
Other	219	0.4	6	2.5	46	167
Truck/bus over 10,000 lbs.	1,234	2.0	10	4.1	235	989
Unknown	613	1.0	2	0.8	42	569
Total	62,090	100.0	241	100.0	12,025	49,824

MDOT Region - Bay (continued)

5-Year Trend - Crashes by Month

Month	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
January	4,326	8	4,086	8	3,865	10	4,904	8	4,395	7
February	3,796	7	3,602	7	3,594	10	3,597	9	3,222	3
March	3,267	9	2,627	16	3,058	7	3,314	6	2,797	8
April	2,655	13	2,485	9	2,671	7	2,467	7	2,618	9
May	2,855	15	3,043	10	3,040	14	2,760	8	3,067	12
June	3,269	13	2,925	12	2,940	8	3,030	18	3,139	13
July	2,911	17	2,746	14	2,684	14	2,594	18	2,844	26
August	2,746	17	2,628	20	2,646	11	2,560	16	2,596	13
September	3,214	13	3,023	21	3,020	11	2,853	8	2,998	15
October	4,367	21	4,055	17	4,063	12	4,190	8	4,304	18
November	5,009 †	11	4,380 †	8	4,939 †	10	5,027 †	10	4,961 †	17
December	4,059	13	4,025	12	4,641	8	3,295	10	3,692	10
Total	42,474	157	39,625	154	41,161	122	40,591	126	40,633	151

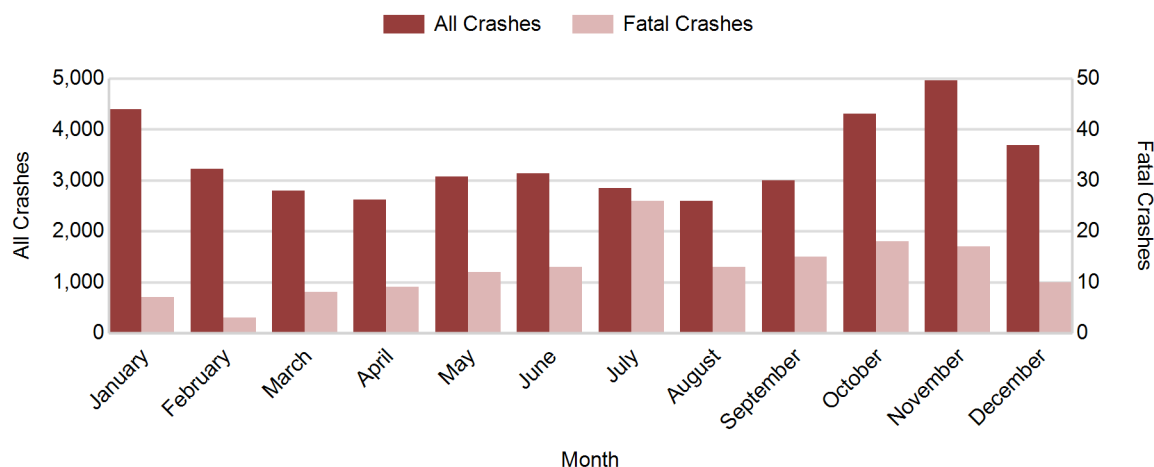
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

5-Year Trend - Crashes by Day of Week

Day	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Monday	5,998	20	5,436	17	5,914	16	5,433	11	5,824	17
Tuesday	6,512	23	5,543	18	6,134	13	5,892	17	6,156	23
Wednesday	6,179	14	5,392	11	6,026	14	6,400	11	6,116	19
Thursday	6,079	19	5,730	18	6,335	12	6,581	19	6,014	16
Friday	7,005 †	21	7,576 †	34	6,636 †	16	6,818 †	17	6,363 †	26
Saturday	5,886	34	5,238	24	5,495	35	5,062	26	5,661	30
Sunday	4,815	26	4,710	32	4,621	16	4,405	25	4,499	20
Total	42,474	157	39,625	154	41,161	122	40,591	126	40,633	151

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

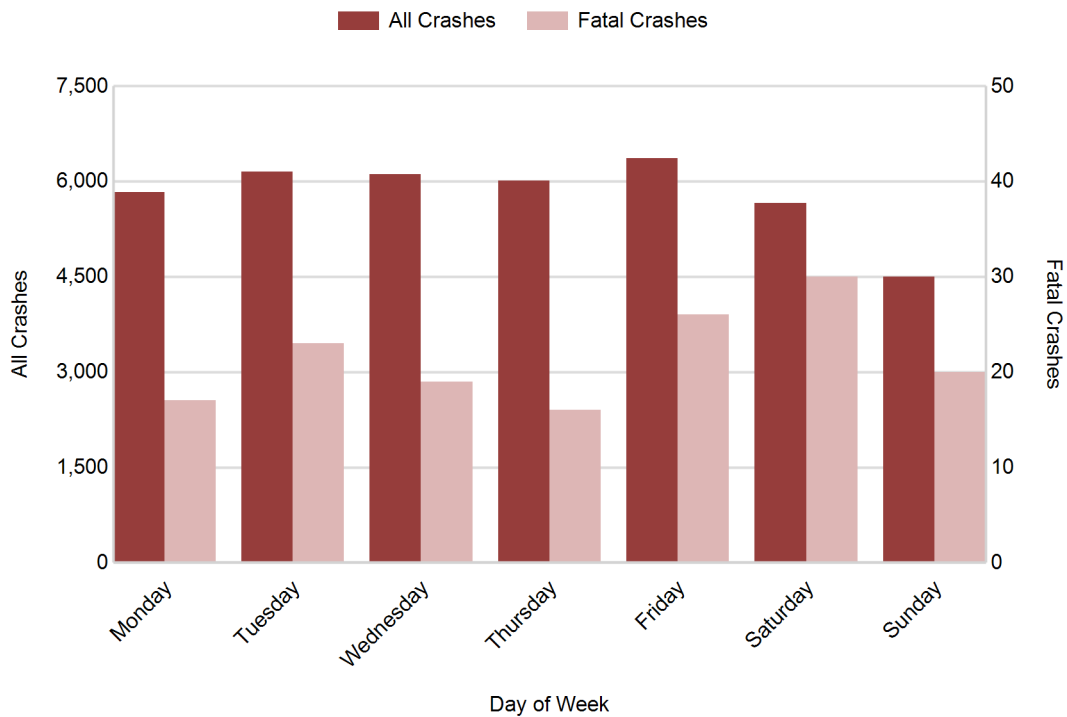
2015 Crashes by Month



2015 - 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	5,824	14.3	17	11.3	67	256	651	4,833
Tuesday	6,156	15.2	23	15.2	68	231	661	5,173
Wednesday	6,116	15.1	19	12.6	84	260	718	5,035
Thursday	6,014	14.8	16	10.6	70	256	677	4,995
Friday	6,363	15.7	26	17.2	85	250	780	5,222
Saturday	5,661	13.9	30	19.9	96	281	621	4,633
Sunday	4,499	11.1	20	13.2	75	237	526	3,641
Total	40,633	100.0	151	100.0	545	1,771	4,634	33,532

2015 Day of Week and Severity

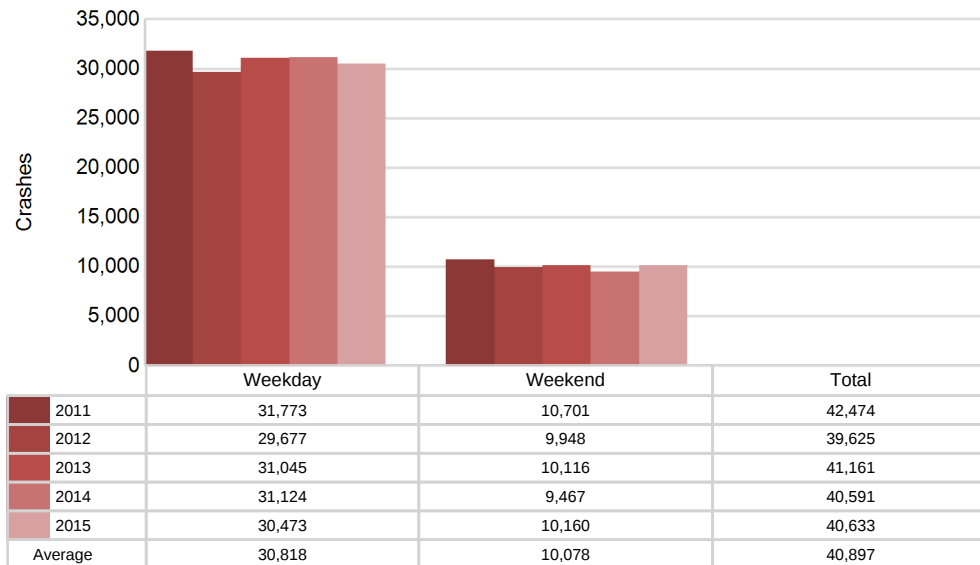


MDOT Region - Bay (continued)

5-Year Trend - Crashes by Weekday and Weekend

Portion of Week	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Weekday	31,773	97	29,677	98	31,045	71	31,124	75	30,473	101
Weekend	10,701	60	9,948	56	10,116	51	9,467	51	10,160	50
Total	42,474	157	39,625	154	41,161	122	40,591	126	40,633	151

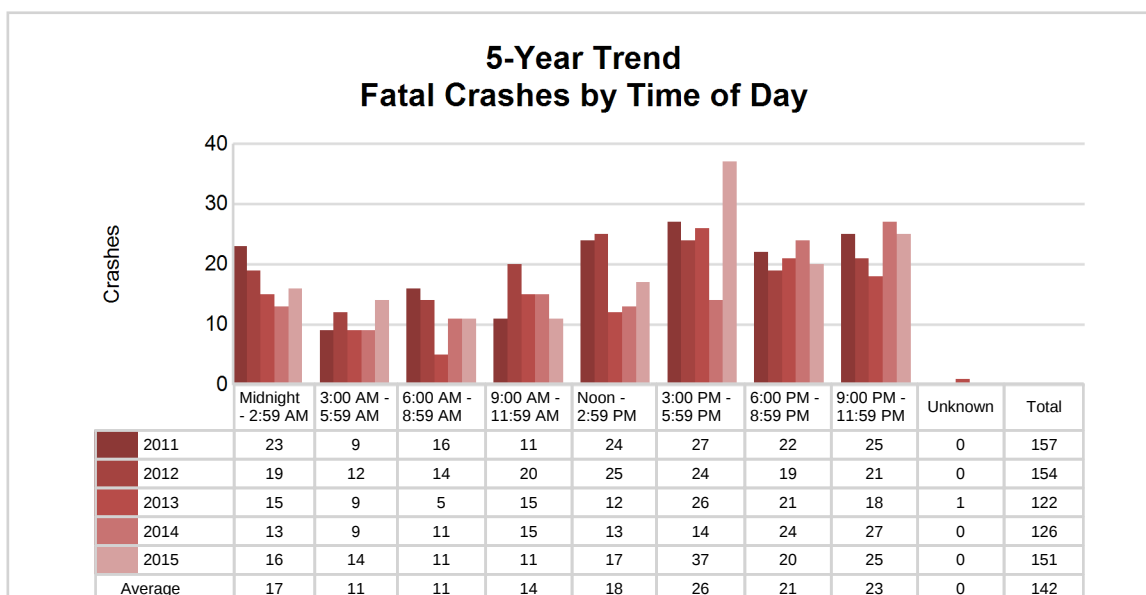
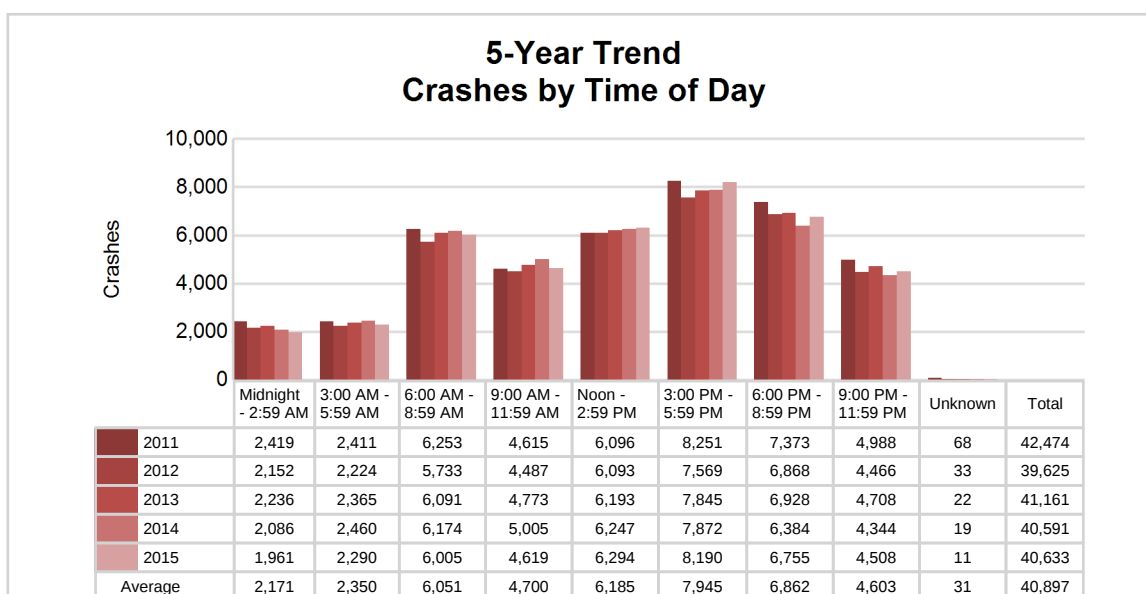
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



5-Year Trend - Crashes by Time of Day

Time of Day	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	2,419	23	2,152	19	2,236	15	2,086	13	1,961	16
3:00 AM - 5:59 AM	2,411	9	2,224	12	2,365	9	2,460	9	2,290	14
6:00 AM - 8:59 AM	6,253	16	5,733	14	6,091	5	6,174	11	6,005	11
9:00 AM - 11:59 AM	4,615	11	4,487	20	4,773	15	5,005	15	4,619	11
Noon - 2:59 PM	6,096	24	6,093	25	6,193	12	6,247	13	6,294	17
3:00 PM - 5:59 PM	8,251 †	27	7,569 †	24	7,845 †	26	7,872 †	14	8,190 †	37
6:00 PM - 8:59 PM	7,373	22	6,868	19	6,928	21	6,384	24	6,755	20
9:00 PM - 11:59 PM	4,988	25	4,466	21	4,708	18	4,344	27	4,508	25
Unknown	68	0	33	0	22	1	19	0	11	0
Total	42,474	157	39,625	154	41,161	122	40,591	126	40,633	151

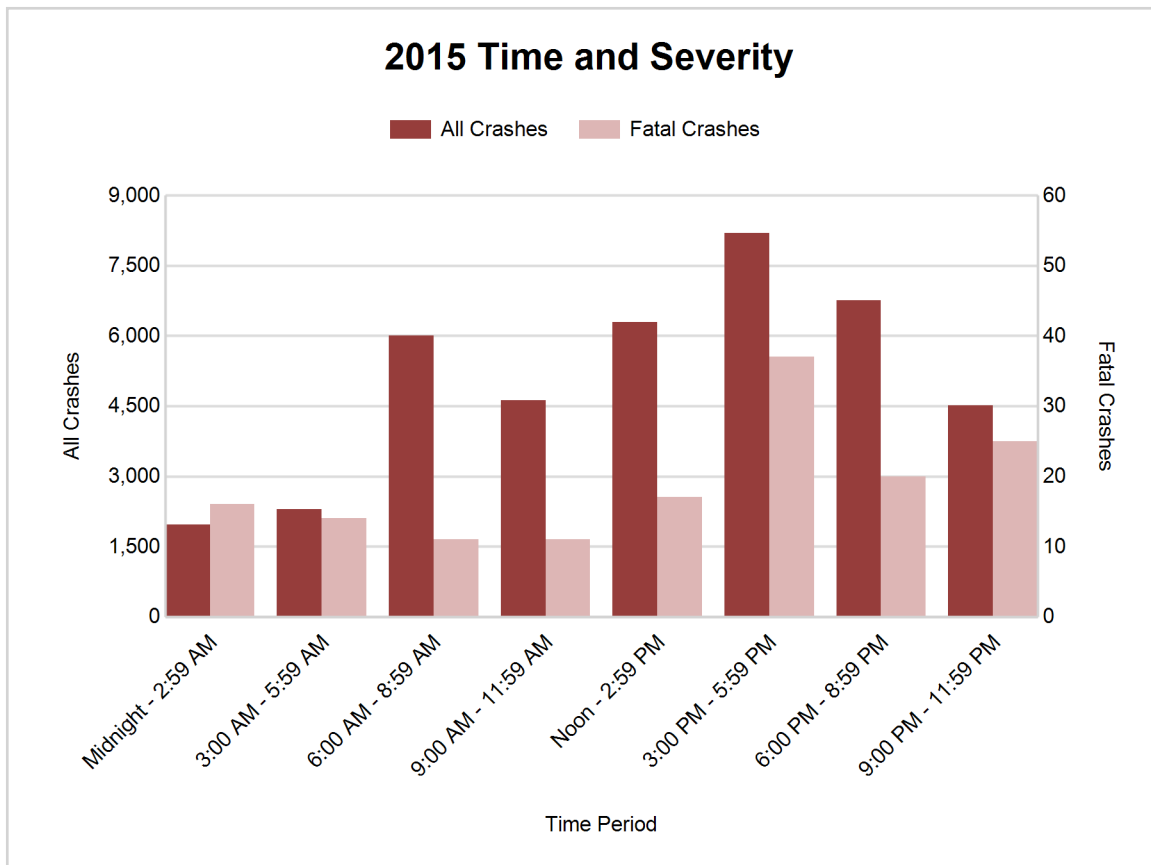
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period



MDOT Region - Bay (continued)

2015 - Time and Severity

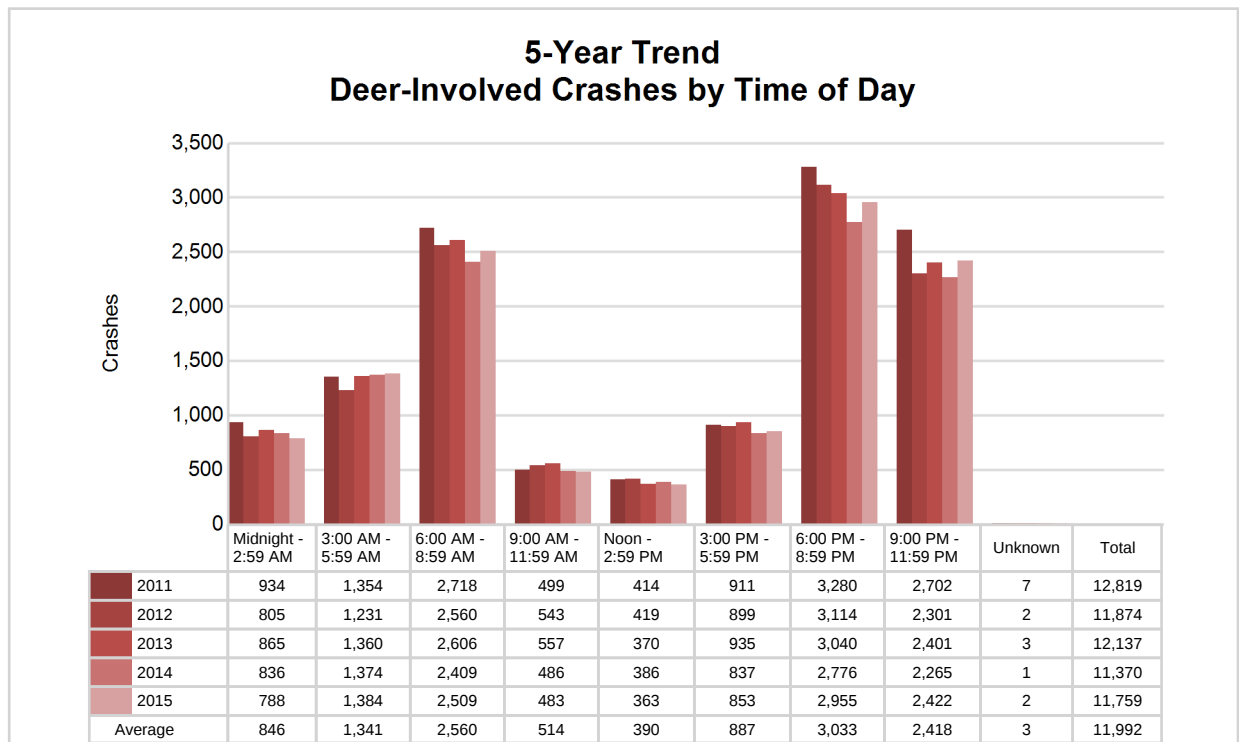
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	1,961	4.8	16	10.6	43	90	192	1,620
3:00 AM - 5:59 AM	2,290	5.6	14	9.3	25	75	138	2,038
6:00 AM - 8:59 AM	6,005	14.8	11	7.3	56	201	531	5,206
9:00 AM - 11:59 AM	4,619	11.4	11	7.3	61	253	638	3,656
Noon - 2:59 PM	6,294	15.5	17	11.3	107	308	971	4,891
3:00 PM - 5:59 PM	8,190	20.2	37	24.5	106	414	1,201	6,432
6:00 PM - 8:59 PM	6,755	16.6	20	13.2	83	270	592	5,790
9:00 PM - 11:59 PM	4,508	11.1	25	16.6	63	159	371	3,890
Unknown	11	0.0	0	0.0	1	1	0	9
Total	40,633	100.0	151	100.0	545	1,771	4,634	33,532



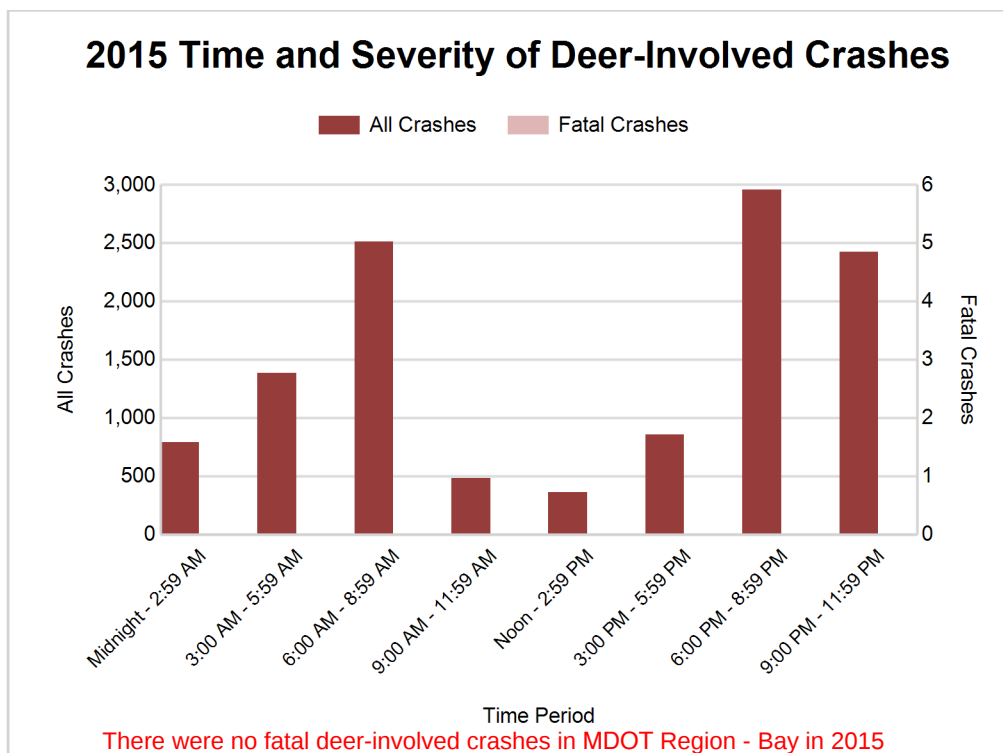
5-Year Trend - Deer-Involved Crashes by Time of Day

Time of Day	2011		2012		2013		2014		2015	
	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes	Total Crashes	Fatal Crashes
Midnight - 2:59 AM	934	0	805	1	865	0	836	1	788	0
3:00 AM - 5:59 AM	1,354	1	1,231	0	1,360	0	1,374	0	1,384	0
6:00 AM - 8:59 AM	2,718	0	2,560	0	2,606	0	2,409	0	2,509	0
9:00 AM - 11:59 AM	499	0	543	0	557	0	486	0	483	0
Noon - 2:59 PM	414	0	419	0	370	0	386	0	363	0
3:00 PM - 5:59 PM	911	0	899	2	935	0	837	0	853	0
6:00 PM - 8:59 PM	3,280 †	0	3,114 †	0	3,040 †	0	2,776 †	0	2,955 †	0
9:00 PM - 11:59 PM	2,702	0	2,301	1	2,401	2	2,265	1	2,422	0
Unknown	7	0	2	0	3	0	1	0	2	0
Total	12,819	1	11,874	4	12,137	2	11,370	2	11,759	0

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



MDOT Region - Bay (continued)



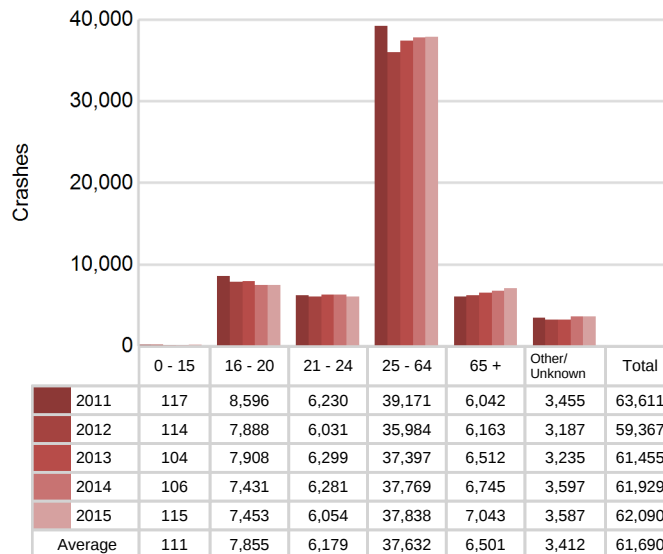
2015 - Reported Motor Vehicle Crashes by County

County	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Arenac	647	2	80	565	97	159	90	301	11	2	391	2	106
Bay	2,909	15	517	2,377	257	148	1,024	1,480	113	21	485	15	706
Clare	1,049	2	136	911	0	339	202	508	36	6	517	3	194
Genesee	10,235	28	2,256	7,951	1,837	406	1,408	6,584	349	104	1,037	32	3,156
Gladwin	681	6	79	596	0	0	281	400	24	4	372	6	117
Gratiot	1,518	7	180	1,331	0	391	263	864	38	6	801	8	240
Huron	1,482	4	143	1,335	0	0	618	864	38	2	937	4	197
Isabella	2,555	15	321	2,219	0	631	346	1,578	64	11	907	16	503
Lapeer	2,929	8	425	2,496	215	0	819	1,895	78	24	1,230	8	583
Midland	2,528	7	363	2,158	0	324	400	1,804	70	16	828	9	531
Saginaw	5,316	20	1,041	4,255	537	0	1,880	2,899	200	43	882	22	1,494
St. Clair	3,877	18	693	3,166	683	0	729	2,465	141	33	784	18	970
Sanilac	1,382	6	129	1,247	0	0	611	771	38	10	980	6	194
Shiawassee	1,897	8	318	1,571	220	0	576	1,101	79	12	783	8	433
Tuscola	1,628	5	269	1,354	0	0	573	1,055	62	18	825	5	371
Total	40,633	151	6,950	33,532	3,846	2,398	9,820	24,569	1,341	312	11,759	162	9,795

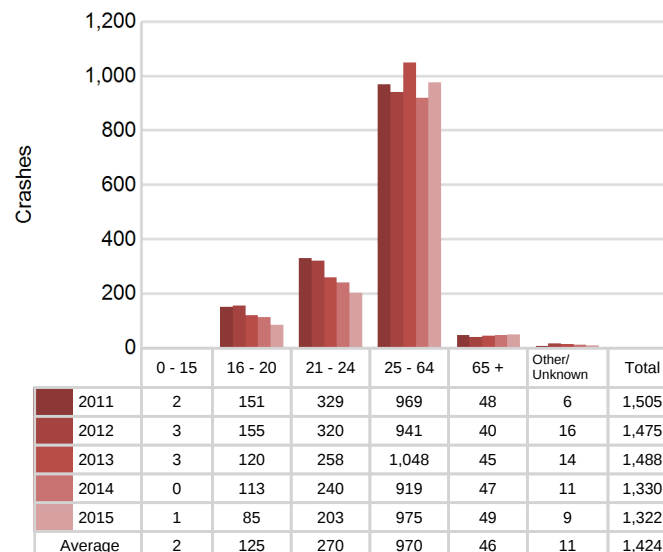
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

Driver Age	2011		2012		2013		2014		2015	
	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	117	2	114	3	104	3	106	0	115	1
16 - 20	8,596	151	7,888	155	7,908	120	7,431	113	7,453	85
21 - 24	6,230	329	6,031	320	6,299	258	6,281	240	6,054	203
25 - 64	39,171	969	35,984	941	37,397	1,048	37,769	919	37,838	975
65 +	6,042	48	6,163	40	6,512	45	6,745	47	7,043	49
Unknown	3,455	6	3,187	16	3,235	14	3,597	11	3,587	9
Total	63,611	1,505	59,367	1,475	61,455	1,488	61,929	1,330	62,090	1,322

**5-Year Trend
Total Drivers in Crashes by Age**



**5-Year Trend
Total Drivers Coded Drinking by Age**



MDOT Region - Bay (continued)

2015 - 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	3	1	1	1	0	1	0	0	0
16 - 20	127	123	66	85	1	10	25	9	40
21 - 24	238	218	173	203	2	20	55	44	82
25 - 64	1,288	1,090	817	975	15	77	214	286	383
65 +	82	84	42	49	0	4	11	11	23
Unknown	114	2	0	9	0	0	0	0	9
Total	1,852	1,518	1,099	1,322	18	112	305	350	537

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 2015, there were 1,852 drivers in alcohol-involved crashes; 1,322 (71.4%) of those drivers were coded as had-been-drinking by the officer on the crash form.

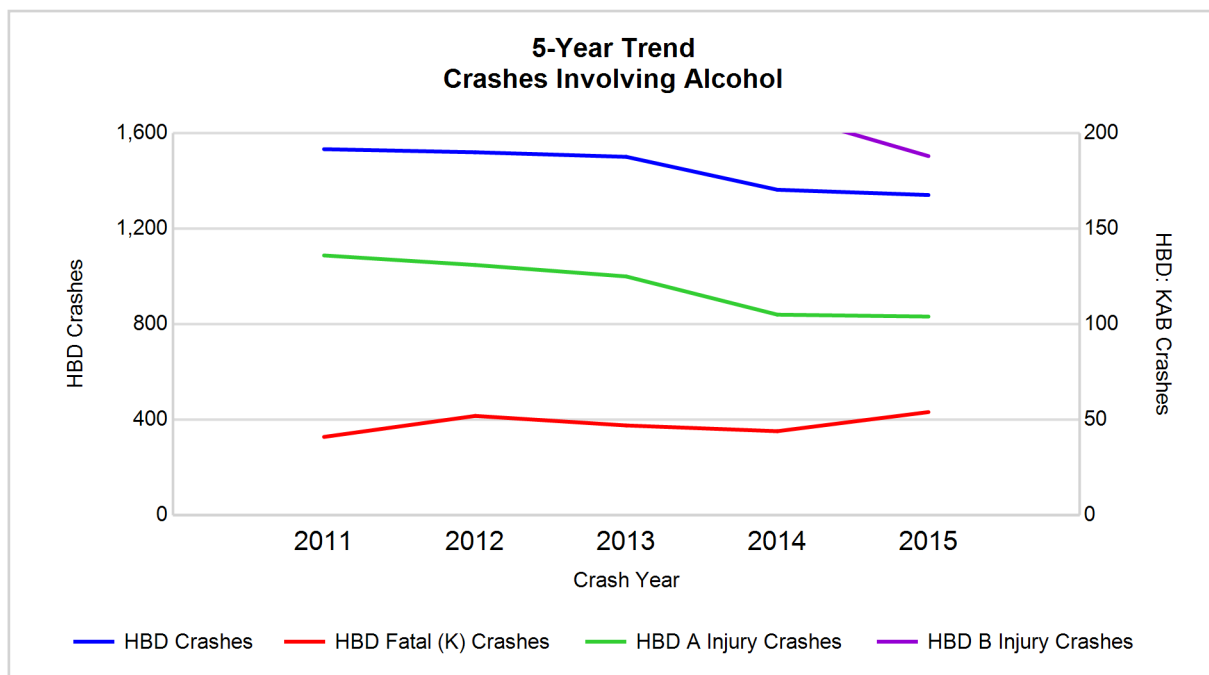
- 655 (49.5%) of the 1,322 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 350 (53.4%) of the 655 drivers had a BAC at or above 0.17 g/dL.
- 1,099 (83.1%) of the 1,322 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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
2011	42,474	1,533	3.6	157	41	26.1	691	136	19.7	1,892	233	12.3
2012	39,625	1,520	3.8	154	52	33.8	659	131	19.9	1,762	238	13.5
2013	41,161	1,501	3.6	122	47	38.5	629	125	19.9	1,775	230	13.0
2014	40,591	1,363	3.4	126	44	34.9	543	105	19.3	1,614	211	13.1
2015	40,633	1,341*	3.3*	151	54**	35.8	545	104*	19.1*	1,771	188*	10.6*

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



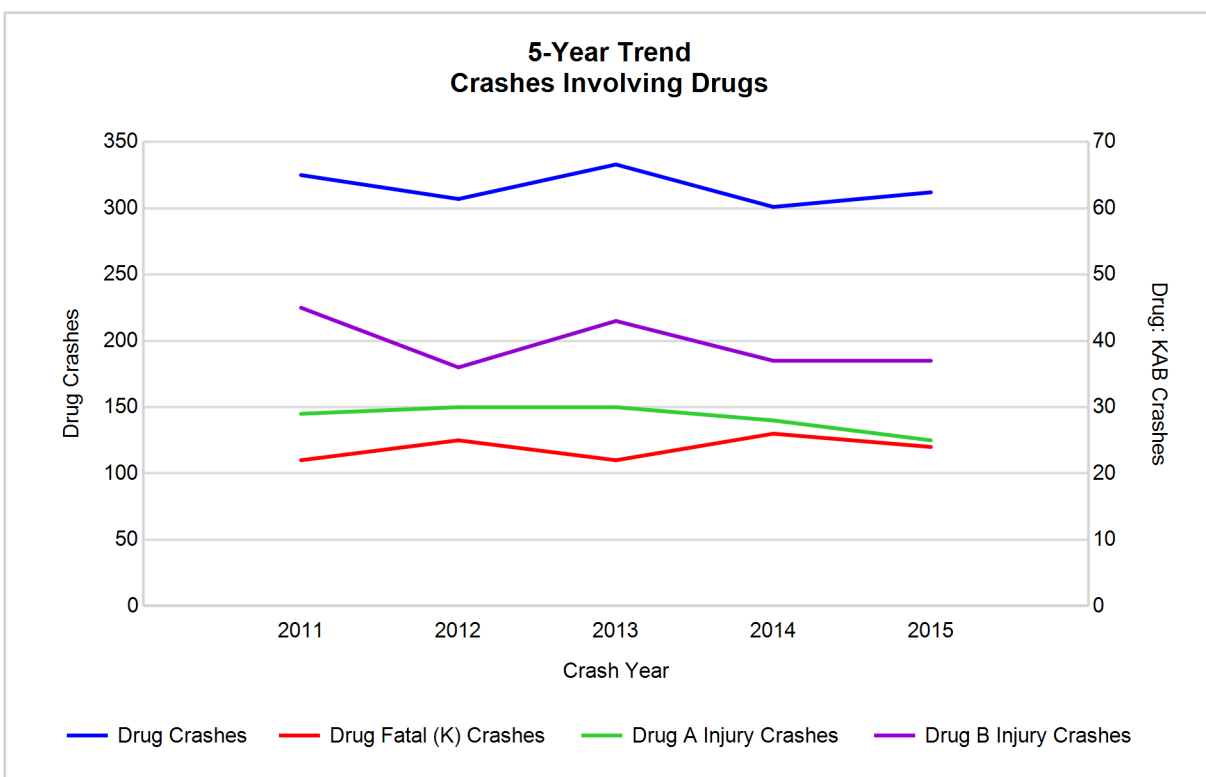
Note: Had-Been-Drinking (HBD)

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
2011	42,474	325	0.8	157	22	14.0	691	29	4.2	1,892	45	2.4
2012	39,625	307	0.8	154	25	16.2	659	30	4.6	1,762	36	2.0
2013	41,161	333	0.8	122	22	18.0	629	30	4.8	1,775	43	2.4
2014	40,591	301	0.7	126	26	20.6	543	28	5.2	1,614	37	2.3
2015	40,633	312	0.8	151	24	15.9	545	25*	4.6	1,771	37	2.1

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

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



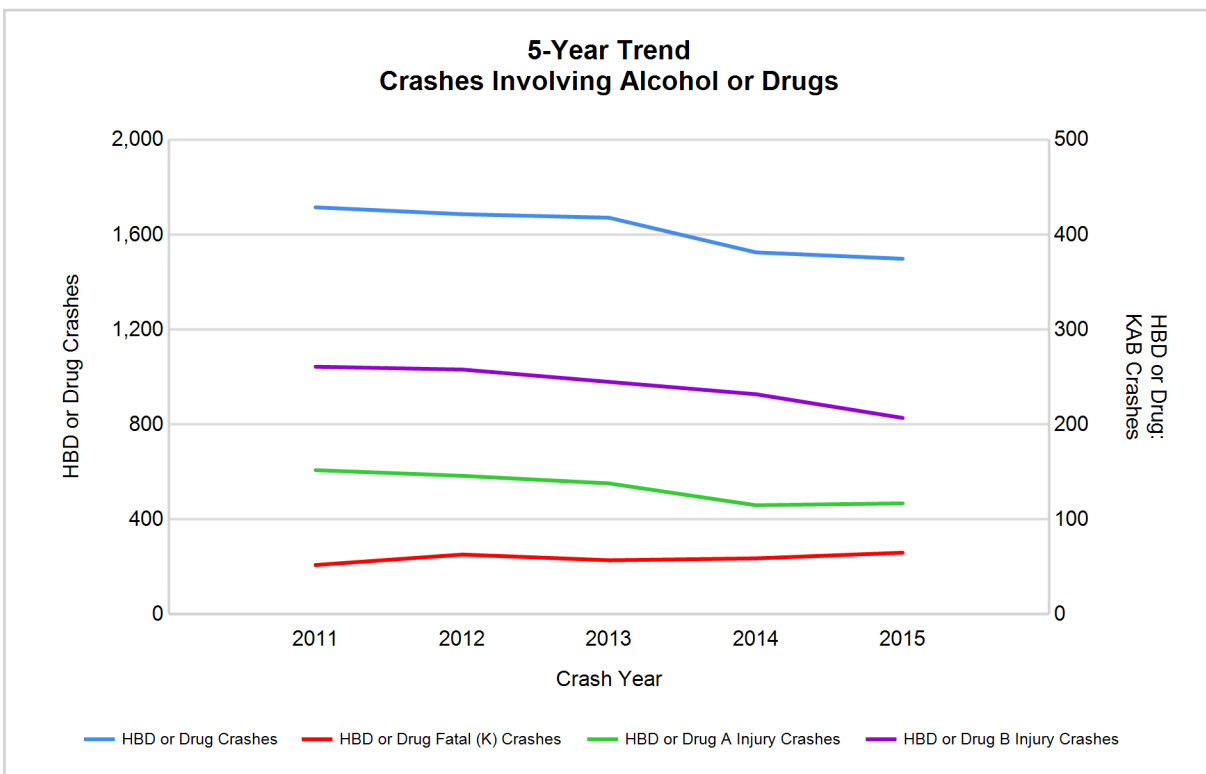
MDOT Region - Bay (continued)

5-Year Trend - Crashes Involving Alcohol or Drugs

Year	All Crashes	HBD or Drug Crashes	% HBD or Drug	Fatal Crashes	HBD or Drug Fatal Crashes	% HBD or Drug	A Injury Crashes	HBD or Drug A Injury Crashes	% HBD or Drug	B Injury Crashes	HBD or Drug B Injury Crashes	% HBD or Drug
2011	42,474	1,716	4.0	157	52	33.1	691	152	22.0	1,892	261	13.8
2012	39,625	1,687	4.3	154	63	40.9	659	146	22.2	1,762	258	14.6
2013	41,161	1,672	4.1	122	57	46.7	629	138	21.9	1,775	245	13.8
2014	40,591	1,526	3.8	126	59	46.8	543	115	21.2	1,614	232	14.4
2015	40,633	1,499*	3.7*	151	65**	43.0	545	117	21.5	1,771	207*	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)

2015 - 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	48,101	44,193	91.9	84	49	58.3	402	280	69.7	1,484	1,280	86.3	5,308	4,984	93.9	38,900	37,569	96.6
Van & motorhome	2,574	2,367	92.0	3	2	66.7	22	16	72.7	74	66	89.2	293	271	92.5	2,093	2,011	96.1
Pickup truck	10,465	9,523	91.0	18	6	33.3	78	47	60.3	299	249	83.3	734	677	92.2	8,849	8,538	96.5
Small truck under 10,000 lbs. GVWR	885	791	89.4	2	0	0.0	9	5	55.6	38	33	86.8	104	100	96.2	680	653	96.0
Cycle	507	324	63.9	21	9	42.9	77	48	62.3	142	94	66.2	142	96	67.6	119	77	64.7
Moped	58	15	25.9	1	0	0.0	8	4	50.0	25	5	20.0	13	4	30.8	11	2	18.2
Go Cart	4	2	50.0	0	0	0.0	0	0	0.0	0	0	0.0	2	1	50.0	2	1	50.0
Snowmobile	14	11	78.6	0	0	0.0	2	2	100.0	4	4	100.0	3	3	100.0	3	2	66.7
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	64	23	35.9	3	0	0.0	8	2	25.0	25	8	32.0	16	8	50.0	12	5	41.7
Other	223	121	54.3	3	0	0.0	4	0	0.0	11	4	36.4	9	3	33.3	178	114	64.0
Truck/bus over 10,000 lbs.	1,260	1,156	91.7	1	0	0.0	8	6	75.0	28	17	60.7	53	41	77.4	1,143	1,092	95.5
Unknown	615	11	1.8	0	0	0.0	0	0	0.0	1	1	100.0	2	2	100.0	23	5	21.7
Total	64,770	58,537	90.4	136	66	48.5	618	410	66.3	2,131	1,761	82.6	6,679	6,190	92.7	52,013	50,069	96.3

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.

2015 - 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	798	680	85.2	6	2	33.3	35	16	45.7	167	131	78.4	503	454	90.3	86	76	88.4
16 - 20	7,916	7,560	95.5	12	5	41.7	75	50	66.7	376	302	80.3	947	859	90.7	6,500	6,342	97.6
21 - 24	6,283	5,928	94.3	9	2	22.2	75	45	60.0	236	184	78.0	644	592	91.9	5,311	5,105	96.1
25 - 64	38,829	37,172	95.7	79	36	45.6	350	232	66.3	1,081	902	83.4	3,741	3,481	93.1	33,539	32,515	96.9
65 +	7,356	7,117	96.8	30	21	70.0	83	67	80.7	267	241	90.3	833	803	96.4	6,138	5,985	97.5
Unknown	3,588	80	2.2	0	0	0.0	0	0	0.0	4	1	25.0	11	1	9.1	439	46	10.5
Total	64,770	58,537	90.4	136	66	48.5	618	410	66.3	2,131	1,761	82.6	6,679	6,190	92.7	52,013	50,069	96.3

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.

MDOT Region - Bay (continued)

5-Year Trend - Restraint Use Among Drivers

Restraint Use	2011			2012			2013			2014			2015		
	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	442	0	83	437	1	76	394	0	70	473	2	64	386	4	64
Shoulder belt only used	49	1	6	107	0	35	134	1	10	111	0	10	73	0	7
Lap belt only used	195	0	17	161	0	20	222	0	32	297	1	30	363	0	37
Both lap & shoulder belts used	57,133	50	6,267	53,161	53	5,797	55,406	26	5,932	55,340	41	5,626	55,484	44	5,839
No belts used	540	36	235	556	35	235	439	23	209	489	29	198	549	27	238
Child restraint used	5	0	0	2	0	0	2	0	0	0	0	0	2	0	0
Child restraint not used, unavailable or improper use	8	0	0	3	0	1	1	0	0	3	0	0	1	0	0
Restraint failure	17	1	3	17	0	3	12	0	4	24	0	5	27	0	1
Restraint use unknown	2,235	4	233	2,149	8	257	2,142	9	202	2,021	7	176	1,996	8	183
Helmet worn	480	16	355	411	9	300	348	9	234	319	7	221	343	8	246
Helmet not worn	59	5	46	189	9	158	183	14	139	176	8	128	192	14	138
Helmet use unknown	19	0	13	37	1	24	26	0	12	32	3	17	45	2	19
Uncoded & errors	2,429	0	18	2,137	0	13	2,146	0	7	2,644	0	4	2,629	0	5
Total	63,611	113	7,276	59,367	116	6,919	61,455	82	6,851	61,929	98	6,479	62,090	107	6,777

5-Year Trend - Restraint Use Among Drivers Coded Drinking

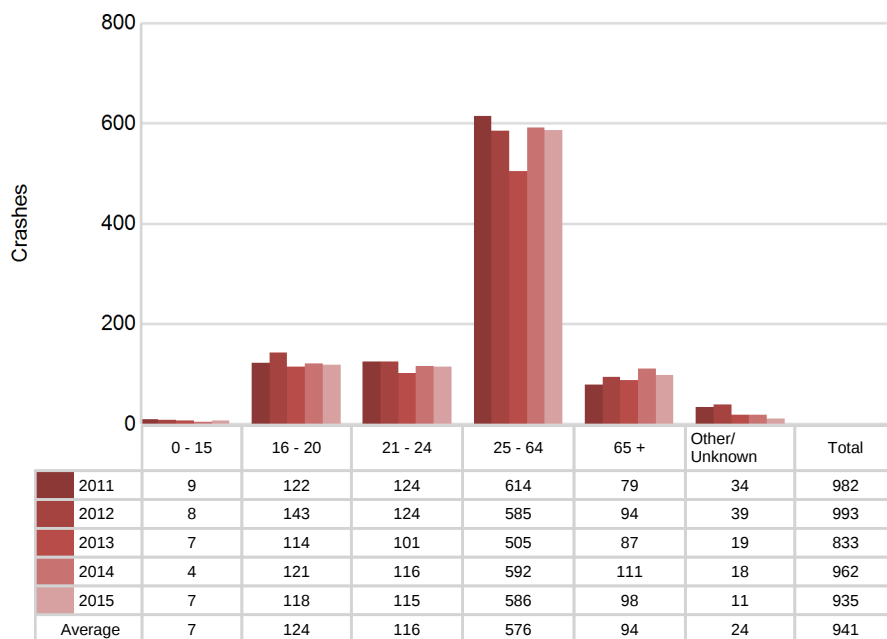
Restraint Use	2011			2012			2013			2014			2015		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	19	0	11	13	1	8	19	0	11	14	0	5	10	1	8
Shoulder belt only used	3	0	2	1	0	1	9	0	1	0	0	0	2	0	0
Lap belt only used	2	0	0	4	0	3	2	0	0	6	0	4	10	0	5
Both lap & shoulder belts used	1,059	7	308	1,019	9	274	1,081	2	309	946	6	267	932	10	233
No belts used	125	14	80	130	12	77	104	15	63	101	13	60	109	13	73
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	0	1	1	0	0
Restraint use unknown	234	1	78	227	2	73	215	3	59	217	3	61	189	3	53
Helmet worn	40	4	29	21	2	16	19	2	17	10	1	4	18	2	14
Helmet not worn	18	3	15	39	3	35	31	6	21	27	3	21	40	10	24
Helmet use unknown	0	0	0	7	0	7	3	0	3	1	0	1	5	0	5
Uncoded & errors	5	0	0	14	0	1	5	0	0	7	0	0	6	0	1
Total	1,505	29	523	1,475	29	495	1,488	28	484	1,330	26	424	1,322	39	416

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

Age Group	2011			2012			2013			2014			2015		
	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	9	0	4	8	0	3	7	0	2	4	1	1	7	1	4
16 - 20	122	5	49	143	6	53	114	1	46	121	5	36	118	3	40
21 - 24	124	3	59	124	5	49	101	2	36	116	1	43	115	3	42
25 - 64	614	25	185	585	16	185	505	17	170	592	16	157	586	18	187
65 +	79	3	21	94	9	19	87	3	23	111	8	23	98	6	26
Unknown	34	0	0	39	0	2	19	0	2	18	0	2	11	0	3
Total	982	36	318	993	36	311	833	23	279	962	31	262	935	31	302

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

5-Year Trend Driver Seatbelt Not Used



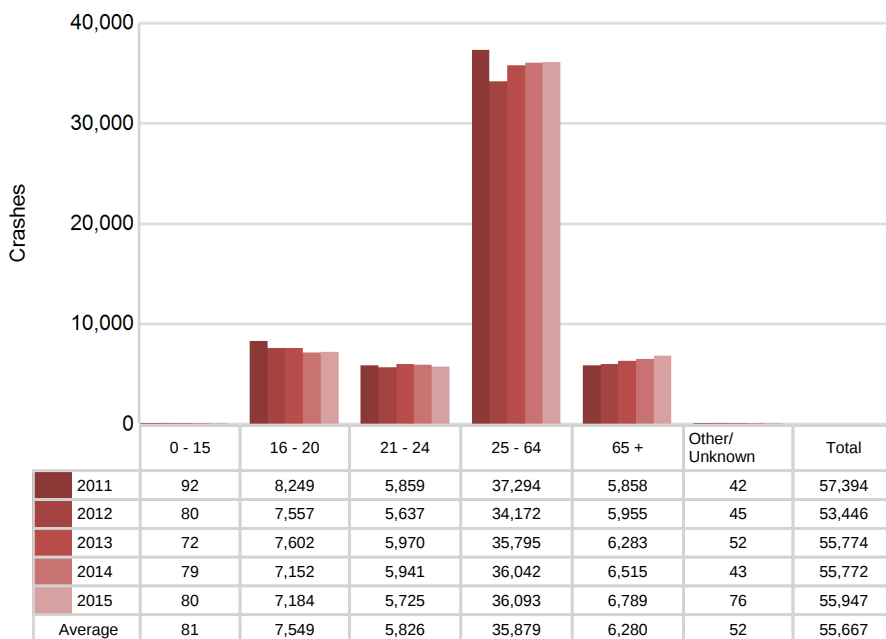
MDOT Region - Bay (continued)

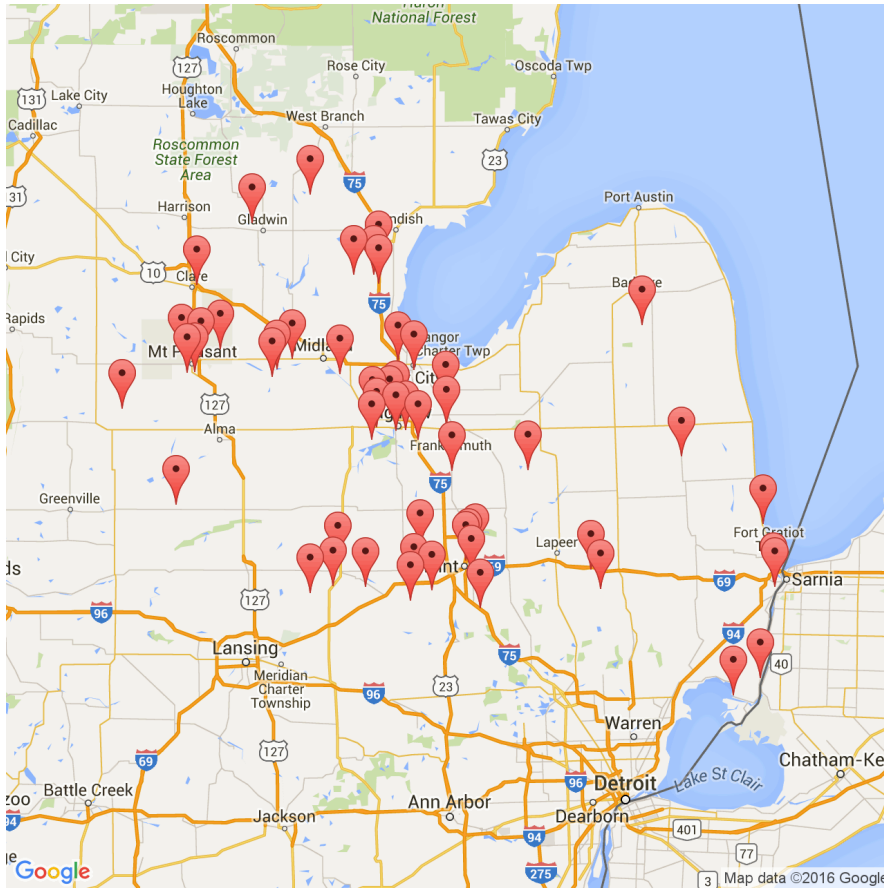
5-Year Trend - Seatbelt Used Among Drivers by Age

Age Group	2011			2012			2013			2014			2015		
	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	92	0	12	80	0	13	72	0	11	79	1	10	80	0	7
16 - 20	8,249	6	1,001	7,557	4	858	7,602	3	896	7,152	2	769	7,184	3	839
21 - 24	5,859	7	644	5,637	6	653	5,970	1	652	5,941	4	637	5,725	1	626
25 - 64	37,294	20	3,932	34,172	24	3,631	35,795	16	3,689	36,042	24	3,502	36,093	27	3,611
65 +	5,858	19	704	5,955	19	699	6,283	7	728	6,515	11	752	6,789	13	800
Unknown	42	0	0	45	0	1	52	0	2	43	0	1	76	0	1
Total	57,394	52	6,293	53,446	53	5,855	55,774	27	5,978	55,772	42	5,671	55,947	44	5,884

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 2015 alcohol-involved fatal crashes in MDOT Region - Bay. In

2015, there were 1,341 alcohol-involved crashes in MDOT Region - Bay:

54 K - Fatal Crashes

104 A - Incapacitating Injury Crashes

188 B - Non-incapacitating Injury Crashes

243 C - Possible Injury Crashes

752 O - Property Damage Only/No Injury Crashes

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