



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 - Metro

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

Beginning October 2015, MDOT Region - Metro is comprised of Macomb, Oakland, and Wayne 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 - Metro Experience

In 2015:

There were 223,083 drivers involved in 115,163 motor vehicle crashes in MDOT Region Metro. Of those crashes, 293 were classified as fatal, resulting in 317 fatalities. An additional 33,503 persons were injured.

MDOT Region Metro experienced the highest number of motor vehicle crashes (11,314) in January, the highest number of fatal crashes (36) in June and August, and the highest number of persons killed (41) in June.

Michigan driver statistics indicate 6.6 percent of licensed drivers in MDOT Region Metro were age 16-20, and 10.0 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	11,314	19	2,013	9,282	21	2,720
February	10,234	12	1,768	8,454	13	2,358
March	8,739	18	1,776	6,945	18	2,461
April	7,918	23	1,735	6,160	25	2,438
May	9,558	20	2,223	7,315	23	3,112
June	9,451	36	2,210	7,205	41	3,137
July	8,960	33	2,058	6,869	34	2,873
August	8,943	36	2,109	6,798	38	2,943
September	9,755	22	2,182	7,551	22	2,976
October	10,015	17	2,133	7,865	20	2,896
November	10,407	33	2,072	8,302	38	2,856
December	9,869	24	1,993	7,852	24	2,733
Total	115,163	293	24,272	90,598	317	33,503

2015 - Driver Statistics

Age Group	MDOT Region - Metro			Driver Rates	
	2015 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	774,656	18,813	296	3.8	157.3
16 - 20	239,150	180,001	22,391	936.3	1,243.9
21 - 24	208,337	185,625	21,414	1,027.9	1,153.6
25 - 64	2,066,301	1,866,860	132,851	642.9	711.6
65 +	578,035	487,399	19,090	330.3	391.7
Unknown	- -	- -	27,041	- -	- -
Total	3,866,479	2,738,698	223,083	577.0	814.6

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	183,141	82.1	339	70.8	39,873	142,929
Van & motorhome	8,091	3.6	16	3.3	1,899	6,176
Pickup truck	17,480	7.8	33	6.9	3,460	13,987
Small truck under 10,000 lbs. GVWR	2,263	1.0	4	0.8	481	1,778
Cycle	970	0.4	47	9.8	699	224
Moped	98	0.0	0	0.0	81	17
Go Cart	10	0.0	0	0.0	7	3
Snowmobile	5	0.0	0	0.0	1	4
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	33	0.0	1	0.2	20	12
Other	862	0.4	1	0.2	121	740
Truck/bus over 10,000 lbs.	5,131	2.3	28	5.8	904	4,199
Unknown	4,999	2.2	10	2.1	552	4,437
Total	223,083	100.0	479	100.0	48,098	174,506

MDOT Region - Metro (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	9,151	17	9,101	21	9,061	20	13,865	15	11,314	19
February	9,627	10	7,584	21	8,599	14	9,658	19	10,234	12
March	8,229	20	7,475	28	7,808	17	9,279	12	8,739	18
April	7,094	18	7,324	17	7,606	16	7,127	21	7,918	23
May	8,250	16	8,712	17	9,090	21	8,957	19	9,558	20
June	8,627	15	8,538	28	8,666	23	8,987	27	9,451	36
July	7,813	20	8,225	22	8,281	35	7,781	24	8,960	33
August	7,781	23	8,134	23	8,186	20	8,677	23	8,943	36
September	8,816	25	7,784	17	8,613	31	9,234	26	9,755	22
October	9,125	21	9,641	26	9,825	18	10,155	29	10,015	17
November	9,151	20	8,339	19	9,210	22	10,740	19	10,407	33
December	9,115	25	10,064	11	10,406	17	8,393	24	9,869	24
Total	102,779	230	100,921	250	105,351	254	112,853	258	115,163	293

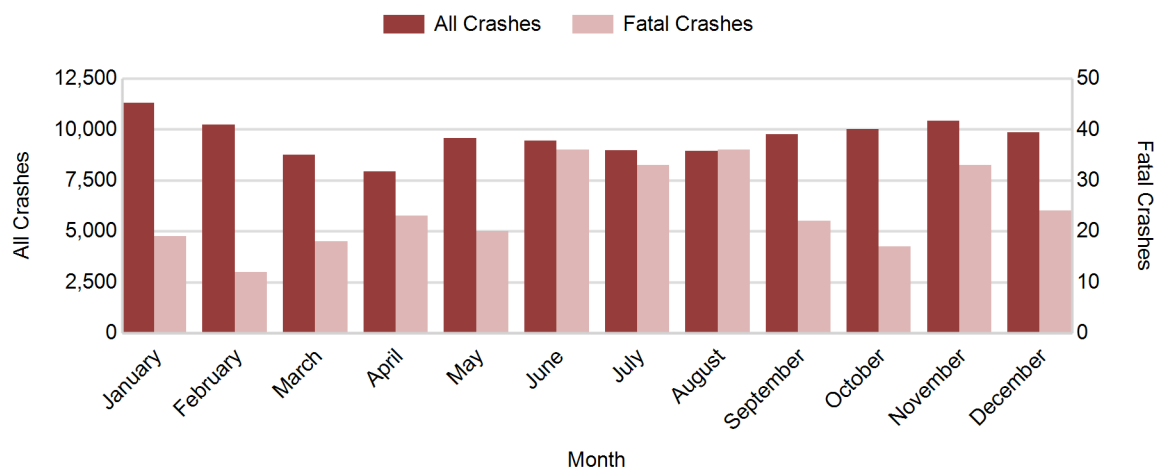
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

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	14,971	29	14,722	36	15,540	28	16,324	44	16,936	39
Tuesday	15,678	32	14,915	30	15,672	29	17,759	36	17,868	35
Wednesday	15,983	31	15,449	28	16,457	30	19,086	22	18,438	36
Thursday	15,858	24	15,708	26	16,722	38	17,905	30	17,573	36
Friday	17,203	28	17,241	46	17,124	41	18,225	36	18,687	52
Saturday	13,464	50	12,830	45	13,920	50	13,250	46	14,551	58
Sunday	9,622	36	10,056	39	9,916	38	10,304	44	11,110	37
Total	102,779	230	100,921	250	105,351	254	112,853	258	115,163	293

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

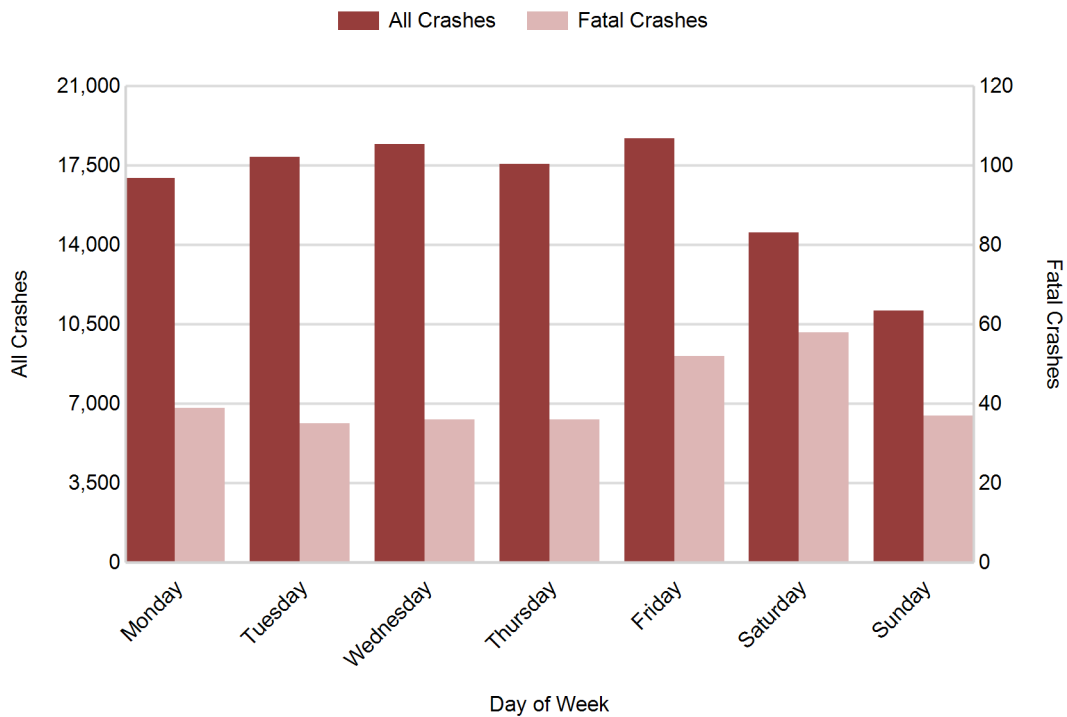
2015 Crashes by Month



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	16,936	14.7	39	13.3	176	798	2,461	13,462
Tuesday	17,868	15.5	35	11.9	166	776	2,809	14,082
Wednesday	18,438	16.0	36	12.3	173	841	2,801	14,587
Thursday	17,573	15.3	36	12.3	182	803	2,697	13,855
Friday	18,687	16.2	52	17.7	223	901	2,808	14,703
Saturday	14,551	12.6	58	19.8	209	774	2,191	11,319
Sunday	11,110	9.6	37	12.6	172	656	1,655	8,590
Total	115,163	100.0	293	100.0	1,301	5,549	17,422	90,598

2015 Day of Week and Severity



MDOT Region - Metro (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	79,693	144	78,035	166	81,515	166	89,299	168	89,502	198
Weekend	23,086	86	22,886	84	23,836	88	23,554	90	25,661	95
Total	102,779	230	100,921	250	105,351	254	112,853	258	115,163	293

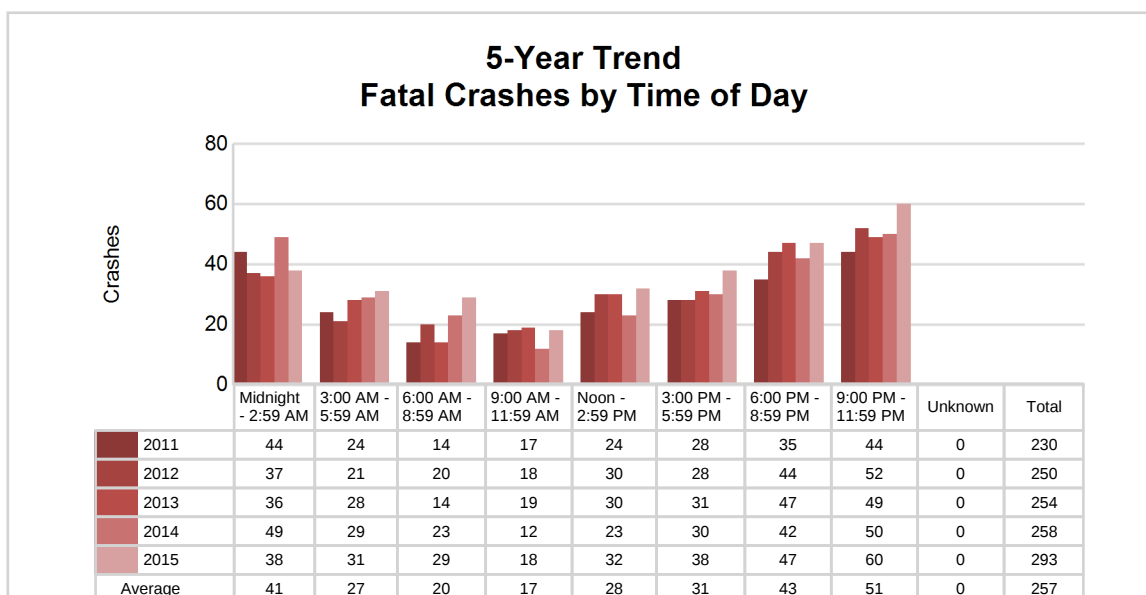
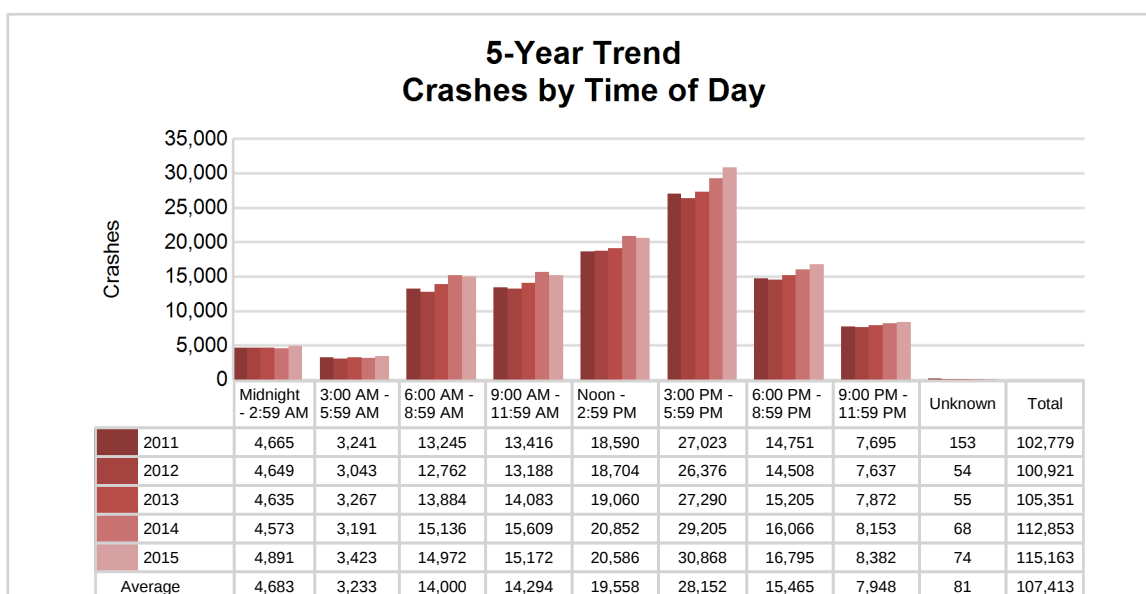
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



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	4,665	44	4,649	37	4,635	36	4,573	49	4,891	38
3:00 AM - 5:59 AM	3,241	24	3,043	21	3,267	28	3,191	29	3,423	31
6:00 AM - 8:59 AM	13,245	14	12,762	20	13,884	14	15,136	23	14,972	29
9:00 AM - 11:59 AM	13,416	17	13,188	18	14,083	19	15,609	12	15,172	18
Noon - 2:59 PM	18,590	24	18,704	30	19,060	30	20,852	23	20,586	32
3:00 PM - 5:59 PM	27,023 †	28	26,376 †	28	27,290 †	31	29,205 †	30	30,868 †	38
6:00 PM - 8:59 PM	14,751	35	14,508	44	15,205	47	16,066	42	16,795	47
9:00 PM - 11:59 PM	7,695	44	7,637	52	7,872	49	8,153	50	8,382	60
Unknown	153	0	54	0	55	0	68	0	74	0
Total	102,779	230	100,921	250	105,351	254	112,853	258	115,163	293

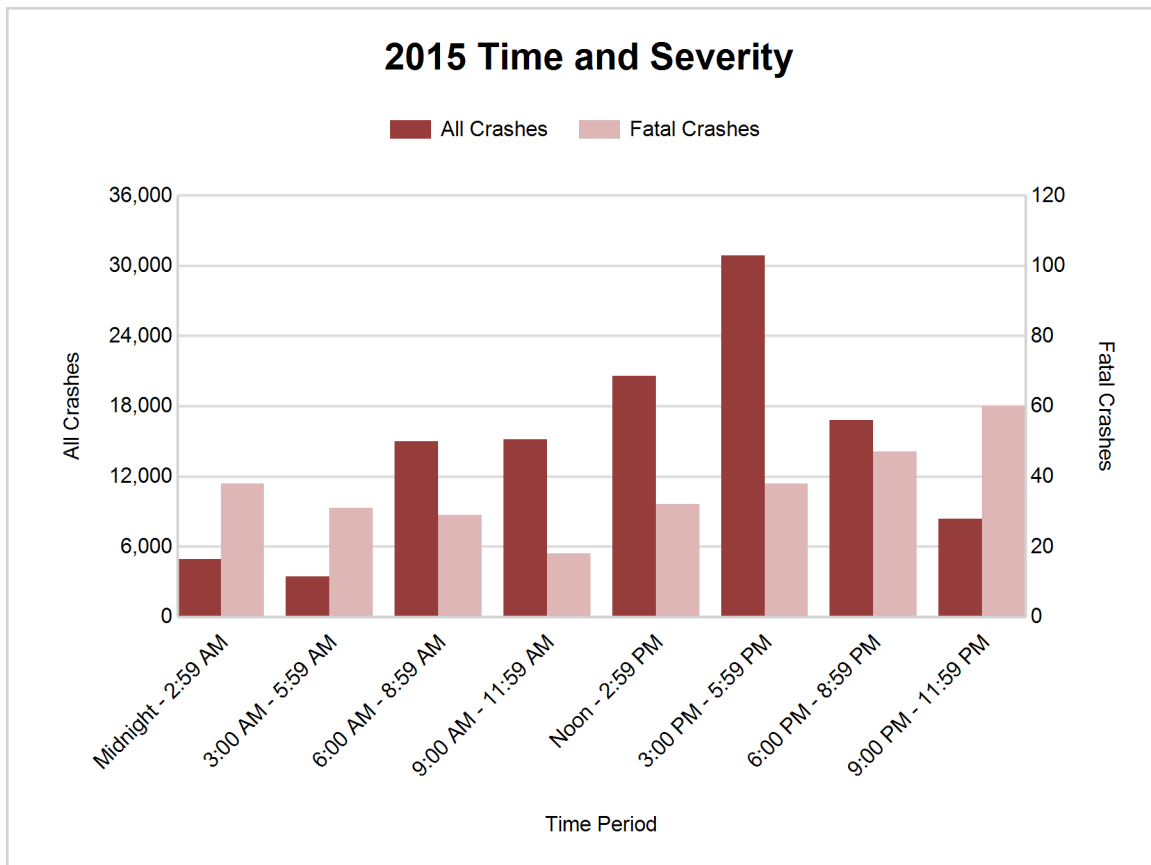
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period



MDOT Region - Metro (continued)

2015 - Time and Severity

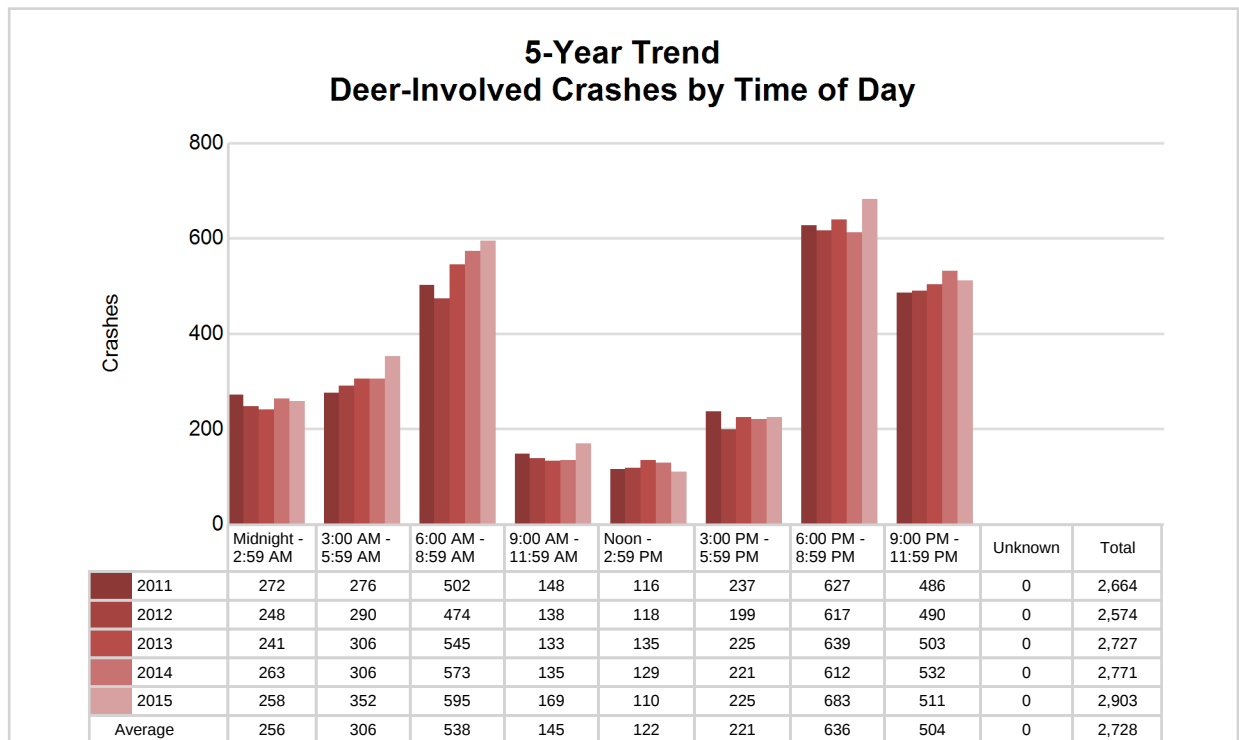
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	4,891	4.2	38	13.0	134	347	749	3,623
3:00 AM - 5:59 AM	3,423	3.0	31	10.6	69	218	445	2,660
6:00 AM - 8:59 AM	14,972	13.0	29	9.9	117	603	2,014	12,209
9:00 AM - 11:59 AM	15,172	13.2	18	6.1	159	683	2,292	12,020
Noon - 2:59 PM	20,586	17.9	32	10.9	189	992	3,254	16,119
3:00 PM - 5:59 PM	30,868	26.8	38	13.0	254	1,310	4,789	24,477
6:00 PM - 8:59 PM	16,795	14.6	47	16.0	221	885	2,575	13,067
9:00 PM - 11:59 PM	8,382	7.3	60	20.5	158	510	1,303	6,351
Unknown	74	0.1	0	0.0	0	1	1	72
Total	115,163	100.0	293	100.0	1,301	5,549	17,422	90,598



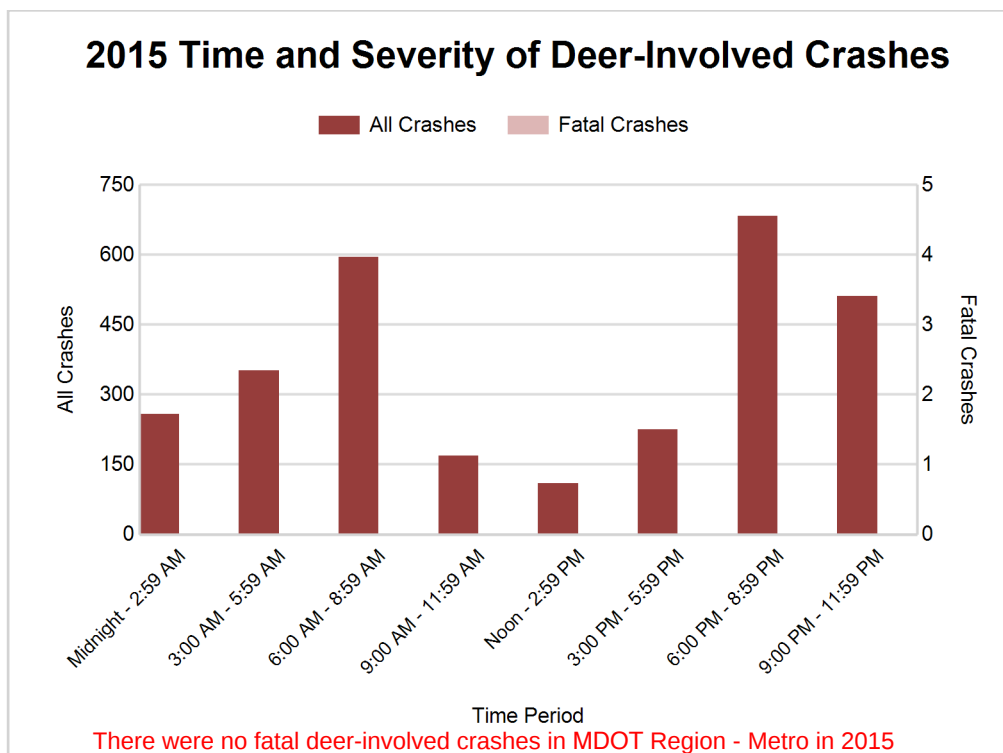
5-Year Trend - Deer-Involved Crashes by Time of Day

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	272	0	248	0	241	0	263	0	258	0
3:00 AM - 5:59 AM	276	0	290	0	306	0	306	0	352	0
6:00 AM - 8:59 AM	502	0	474	0	545	0	573	0	595	0
9:00 AM - 11:59 AM	148	0	138	0	133	0	135	0	169	0
Noon - 2:59 PM	116	0	118	0	135	0	129	0	110	0
3:00 PM - 5:59 PM	237	0	199	0	225	0	221	0	225	0
6:00 PM - 8:59 PM	627 †	0	617 †	0	639 †	0	612 †	0	683 †	0
9:00 PM - 11:59 PM	486	0	490	0	503	1	532	0	511	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	2,664	0	2,574	0	2,727	1	2,771	0	2,903	0

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



MDOT Region - Metro (continued)



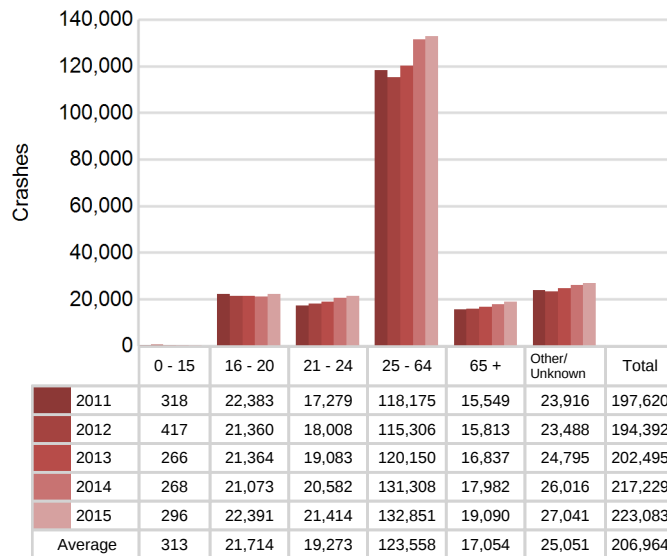
2015 - Reported Motor Vehicle Crashes by County

County	Crashes											Persons	
	Total	Fatal	Injury	Property Damage	Inter-state	US Route	State Route	Local Street	Alcohol-Involved	Drug-Involved	Deer-Involved	Fatalities	Injuries
Macomb	24,862	55	5,339	19,468	2,587	0	6,633	15,642	749	248	630	59	7,384
Oakland	39,843	64	7,708	32,071	6,692	2,253	6,569	24,329	1,087	252	1,873	67	10,406
Wayne	50,458	174	11,225	39,059	8,490	3,174	9,005	29,789	1,428	435	400	191	15,713
Total	115,163	293	24,272	90,598	17,769	5,427	22,207	69,760	3,264	935	2,903	317	33,503

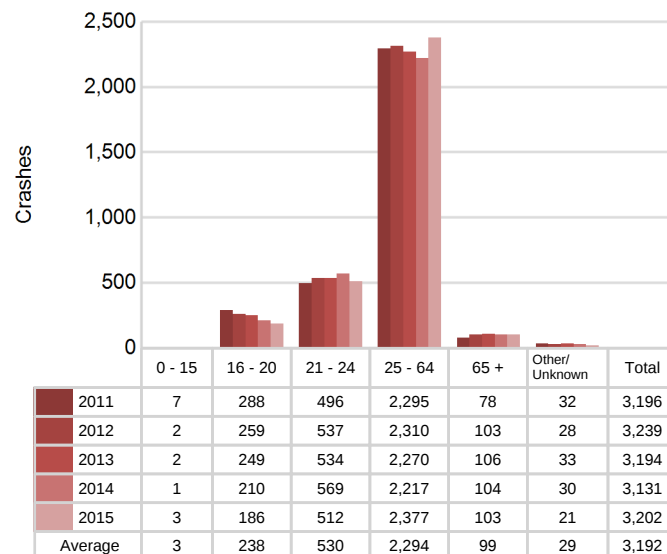
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	318	7	417	2	266	2	268	1	296	3
16 - 20	22,383	288	21,360	259	21,364	249	21,073	210	22,391	186
21 - 24	17,279	496	18,008	537	19,083	534	20,582	569	21,414	512
25 - 64	118,175	2,295	115,306	2,310	120,150	2,270	131,308	2,217	132,851	2,377
65 +	15,549	78	15,813	103	16,837	106	17,982	104	19,090	103
Unknown	23,916	32	23,488	28	24,795	33	26,016	30	27,041	21
Total	197,620	3,196	194,392	3,239	202,495	3,194	217,229	3,131	223,083	3,202

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



MDOT Region - Metro (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	6	1	1	3	0	1	0	0	2
16 - 20	340	225	149	186	5	30	53	28	70
21 - 24	695	521	424	512	8	37	154	142	171
25 - 64	3,610	2,485	1,962	2,376	45	128	525	801	878
65 +	234	149	90	103	5	9	27	31	31
Unknown	687	14	0	21	0	0	0	0	21
Total	5,572	3,395	2,626	3,201	63	205	759	1,002	1,173

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 5,572 drivers in alcohol-involved crashes; 3,201 (57.4%) of those drivers were coded as had-been-drinking by the officer on the crash form.

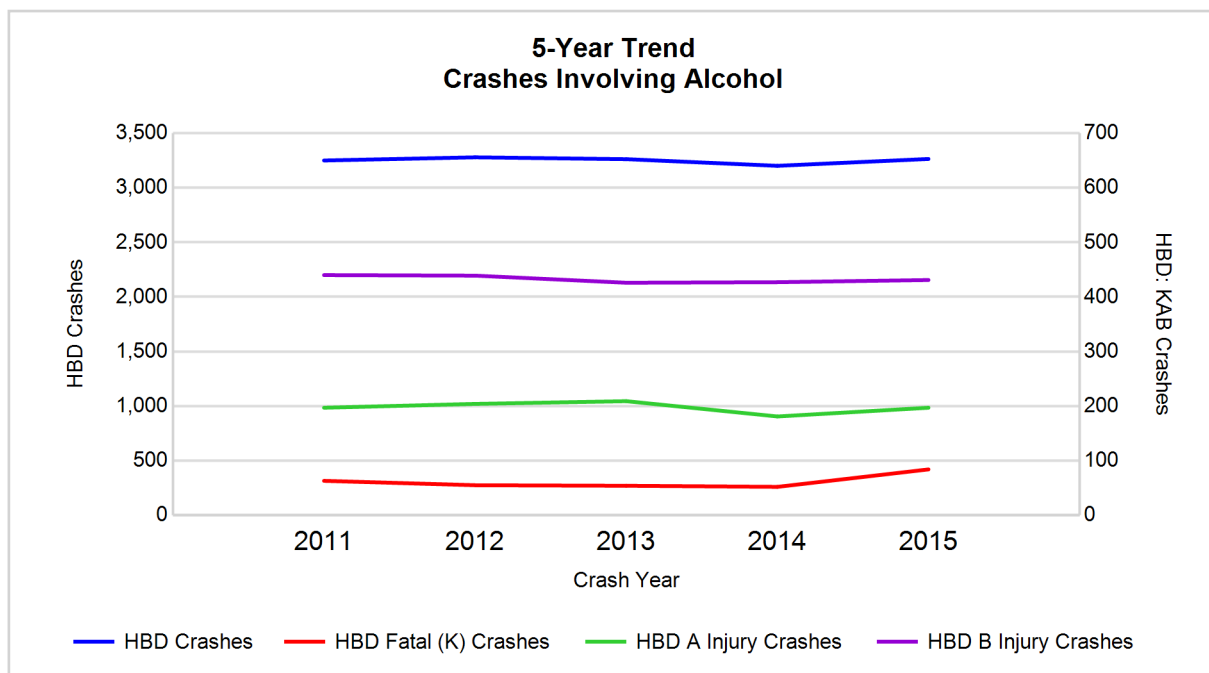
- 1,761 (55.0%) of the 3,201 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 1,002 (56.9%) of the 1,761 drivers had a BAC at or above 0.17 g/dL.
- 2,626 (82.0%) of the 3,201 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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	102,779	3,250	3.2	230	63	27.4	1,502	197	13.1	5,179	440	8.5
2012	100,921	3,279	3.2	250	55	22.0	1,461	204	14.0	5,201	439	8.4
2013	105,351	3,262	3.1	254	54	21.3	1,442	209	14.5	5,281	426	8.1
2014	112,853	3,201	2.8	258	52	20.2	1,367	181	13.2	5,342	427	8.0
2015	115,163**	3,264	2.8	293**	84**	28.7**	1,301*	197	15.1**	5,549**	431	7.8*

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

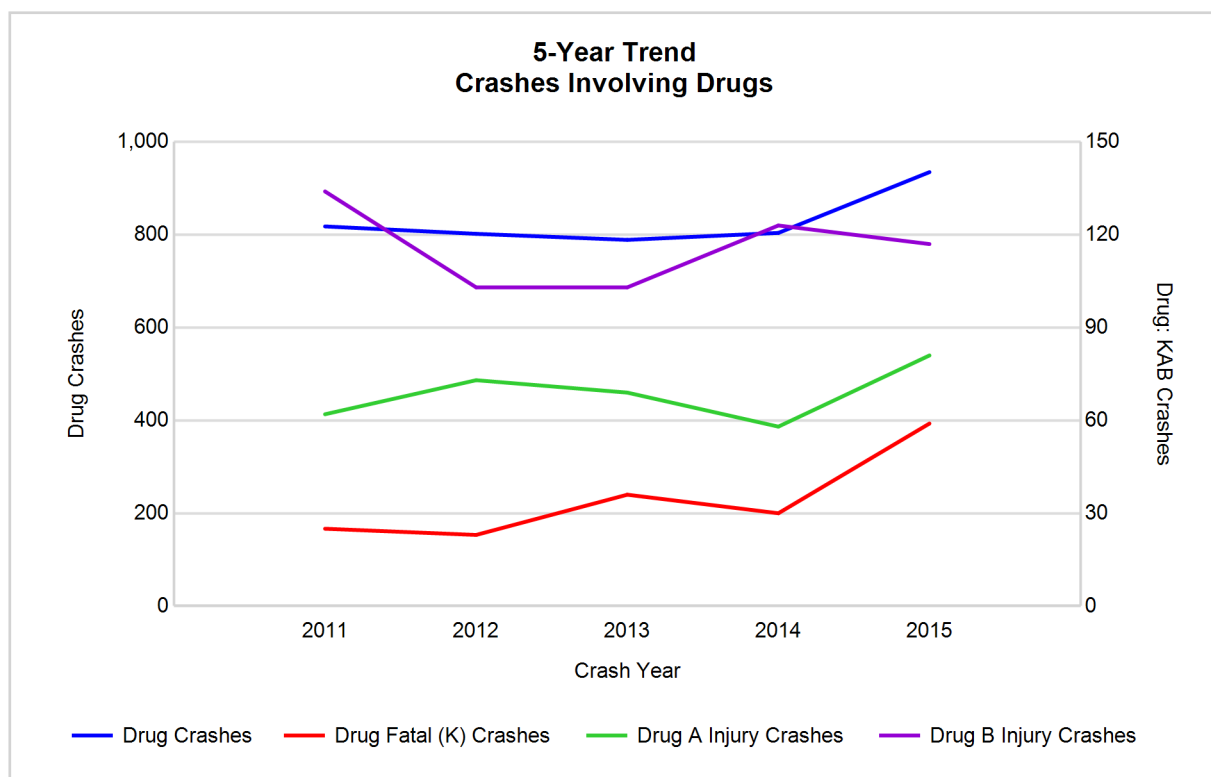


Note: Had-Been-Drinking (HBD)

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
2011	102,779	818	0.8	230	25	10.9	1,502	62	4.1	5,179	134	2.6
2012	100,921	802	0.8	250	23	9.2	1,461	73	5.0	5,201	103	2.0
2013	105,351	789	0.7	254	36	14.2	1,442	69	4.8	5,281	103	2.0
2014	112,853	804	0.7	258	30	11.6	1,367	58	4.2	5,342	123	2.3
2015	115,163**	935**	0.8	293**	59**	20.1**	1,301*	81**	6.2**	5,549**	117	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



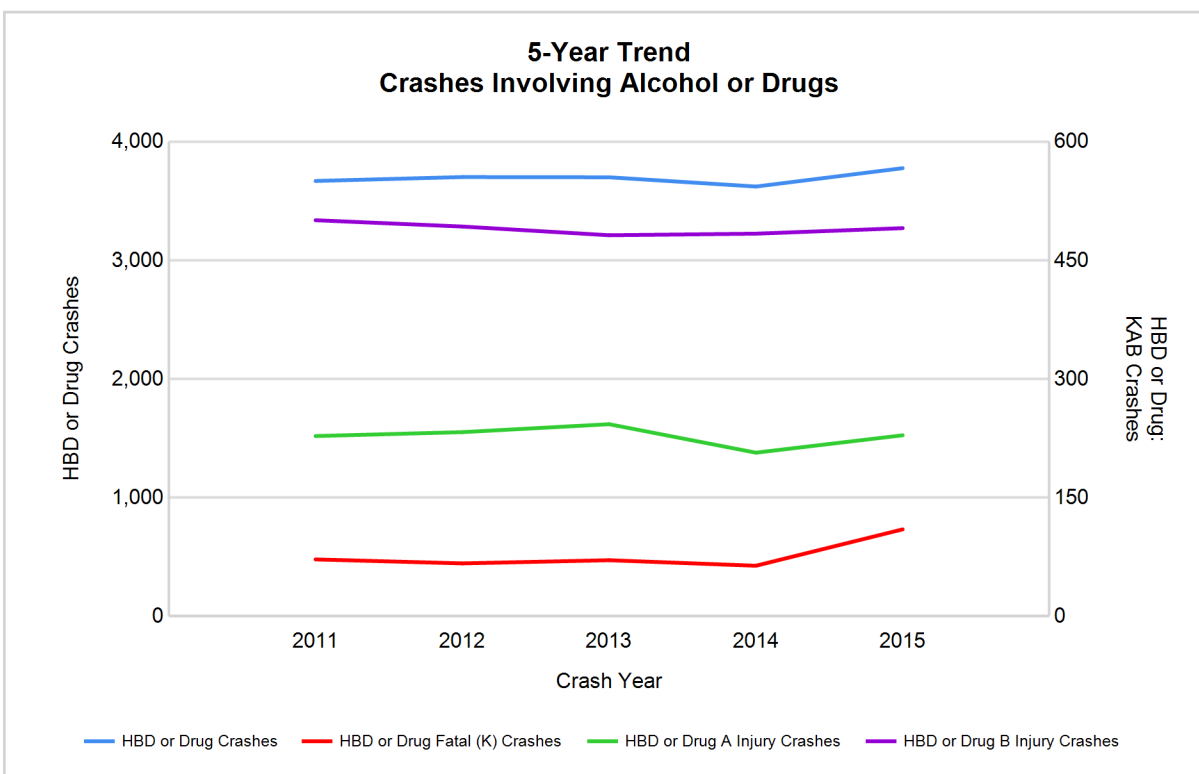
MDOT Region - Metro (continued)

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	102,779	3,671	3.6	230	72	31.3	1,502	228	15.2	5,179	501	9.7
2012	100,921	3,704	3.7	250	67	26.8	1,461	233	15.9	5,201	493	9.5
2013	105,351	3,702	3.5	254	71	28.0	1,442	243	16.9	5,281	482	9.1
2014	112,853	3,624	3.2	258	64	24.8	1,367	207	15.1	5,342	484	9.1
2015	115,163**	3,779**	3.3	293**	110**	37.5**	1,301*	229	17.6**	5,549**	491	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)

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	190,170	162,438	85.4	142	67	47.2	1,039	730	70.3	5,369	4,743	88.3	21,185	19,468	91.9	145,982	137,261	94.0
Van & motorhome	8,538	7,156	83.8	6	3	50.0	52	32	61.5	226	188	83.2	968	859	88.7	6,495	6,069	93.4
Pickup truck	17,805	14,987	84.2	14	6	42.9	87	61	70.1	325	287	88.3	1,157	1,067	92.2	14,318	13,550	94.6
Small truck under 10,000 lbs. GVWR	2,353	1,908	81.1	0	0	0.0	14	9	64.3	66	56	84.8	205	184	89.8	1,797	1,654	92.0
Cycle	1,023	670	65.5	45	30	66.7	129	79	61.2	348	239	68.7	247	165	66.8	224	155	69.2
Moped	103	26	25.2	0	0	0.0	19	6	31.6	32	6	18.8	31	10	32.3	14	4	28.6
Go Cart	13	5	38.5	0	0	0.0	0	0	0.0	5	0	0.0	5	3	60.0	2	2	100.0
Snowmobile	5	1	20.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0	3	1	33.3
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	36	5	13.9	1	0	0.0	5	0	0.0	11	3	27.3	5	0	0.0	11	2	18.2
Other	887	517	58.3	1	0	0.0	7	2	28.6	21	11	52.4	50	31	62.0	583	472	81.0
Truck/bus over 10,000 lbs.	5,278	4,601	87.2	4	2	50.0	18	4	22.2	40	24	60.0	217	99	45.6	4,738	4,471	94.4
Unknown	5,009	163	3.3	0	0	0.0	0	0	0.0	3	2	66.7	4	2	50.0	357	123	34.5
Total	231,220	192,477	83.2	213	108	50.7	1,370	923	67.4	6,446	5,559	86.2	24,075	21,888	90.9	174,524	163,764	93.8

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.

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	2,257	1,867	82.7	4	3	75.0	58	34	58.6	363	296	81.5	1,570	1,342	85.5	246	189	76.8
16 - 20	23,588	22,181	94.0	31	13	41.9	154	94	61.0	889	749	84.3	2,549	2,244	88.0	19,913	19,074	95.8
21 - 24	22,222	20,572	92.6	27	10	37.0	157	89	56.7	777	644	82.9	2,450	2,149	87.7	18,751	17,674	94.3
25 - 64	136,302	128,122	94.0	117	58	49.6	860	588	68.4	3,718	3,219	86.6	15,036	13,816	91.9	116,144	110,401	95.1
65 +	19,788	18,912	95.6	34	24	70.6	139	118	84.9	689	651	94.5	2,428	2,329	95.9	16,459	15,788	95.9
Unknown	27,063	823	3.0	0	0	0.0	2	0	0.0	10	0	0.0	42	8	19.0	3,011	638	21.2
Total	231,220	192,477	83.2	213	108	50.7	1,370	923	67.4	6,446	5,559	86.2	24,075	21,888	90.9	174,524	163,764	93.8

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.

MDOT Region - Metro (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	726	1	106	774	2	120	485	3	79	435	2	63	584	2	87
Shoulder belt only used	401	1	37	239	0	30	236	0	25	231	0	40	313	0	34
Lap belt only used	315	0	30	270	2	47	336	0	32	333	1	39	411	0	50
Both lap & shoulder belts used	162,587	47	19,417	160,506	58	18,923	167,972	53	19,363	181,123	51	20,155	184,428	62	21,242
No belts used	1,375	29	485	1,436	39	488	1,285	29	457	1,160	34	387	1,216	36	422
Child restraint used	12	0	2	13	0	2	10	0	1	3	0	0	10	0	1
Child restraint not used, unavailable or improper use	28	0	3	12	0	0	7	0	0	7	0	0	11	0	2
Restraint failure	29	0	5	40	0	8	35	0	6	31	0	4	38	0	4
Restraint use unknown	19,477	17	907	19,817	17	829	20,116	25	843	21,436	20	977	21,834	20	1,257
Helmet worn	792	24	579	765	15	559	691	23	487	602	14	432	678	28	476
Helmet not worn	60	1	42	274	16	206	281	15	203	296	9	227	329	13	242
Helmet use unknown	56	4	12	75	2	29	69	4	21	104	3	42	120	3	43
Uncoded & errors	11,762	1	98	10,171	0	19	10,972	0	18	11,468	0	35	13,111	0	17
Total	197,620	125	21,723	194,392	151	21,260	202,495	152	21,535	217,229	134	22,401	223,083	164	23,877

5-Year Trend - Restraint Use Among Drivers Coded Drinking

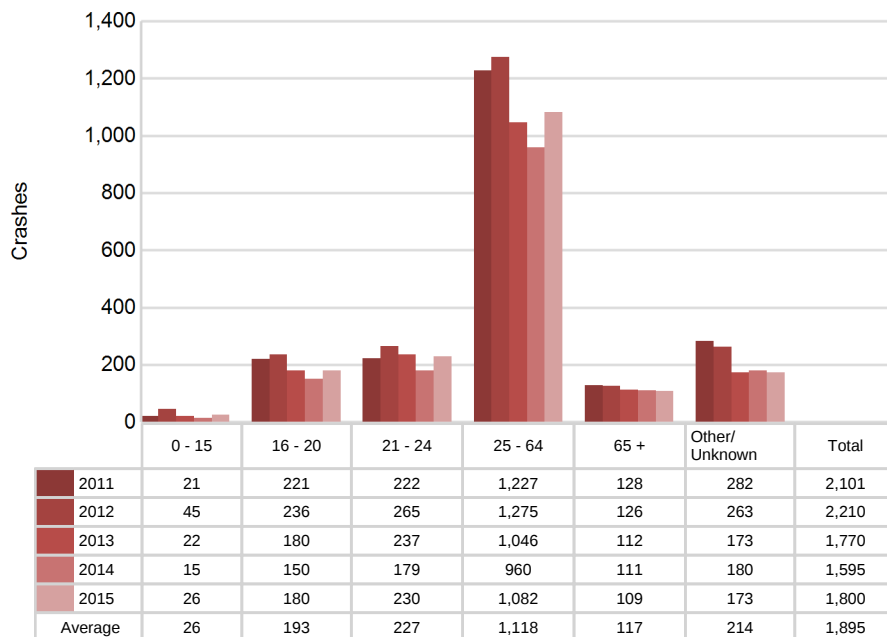
Restraint Use	2011			2012			2013			2014			2015		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	13	0	5	19	0	4	15	0	9	8	0	1	12	0	4
Shoulder belt only used	8	0	2	7	0	3	8	0	1	7	0	2	7	0	2
Lap belt only used	4	0	2	5	0	3	3	0	1	7	0	2	5	0	2
Both lap & shoulder belts used	2,282	4	514	2,356	8	539	2,451	8	556	2,411	5	517	2,434	8	529
No belts used	222	10	119	240	11	125	182	5	107	164	7	105	170	13	98
Child restraint used	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Child restraint not used, unavailable or improper use	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Restraint failure	2	0	1	1	0	1	1	0	1	0	0	0	0	0	0
Restraint use unknown	590	3	127	537	3	150	481	3	139	467	1	116	517	7	146
Helmet worn	46	7	34	35	4	24	15	2	10	20	3	15	24	1	19
Helmet not worn	6	0	6	23	3	19	23	2	16	37	1	34	29	6	19
Helmet use unknown	2	0	1	3	0	3	3	0	1	3	0	2	1	0	0
Uncoded & errors	19	0	4	13	0	0	12	0	1	7	0	1	3	0	0
Total	3,196	24	816	3,239	29	871	3,194	20	842	3,131	17	795	3,202	35	819

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	21	0	6	45	1	8	22	0	2	15	0	3	26	0	5
16 - 20	221	2	97	236	6	85	180	3	76	150	4	50	180	3	74
21 - 24	222	4	81	265	4	113	237	3	109	179	6	63	230	6	81
25 - 64	1,227	21	365	1,275	22	354	1,046	22	308	960	20	297	1,082	25	313
65 +	128	3	40	126	8	37	112	4	34	111	6	27	109	4	32
Unknown	282	0	2	263	0	11	173	0	7	180	0	10	173	0	4
Total	2,101	30	591	2,210	41	608	1,770	32	536	1,595	36	450	1,800	38	509

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

5-Year Trend Driver Seatbelt Not Used



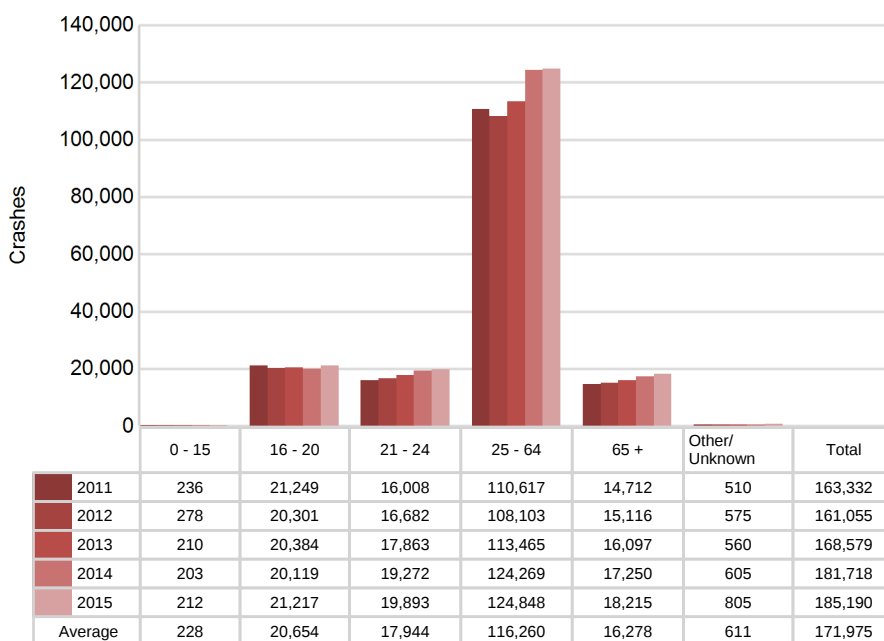
MDOT Region - Metro (continued)

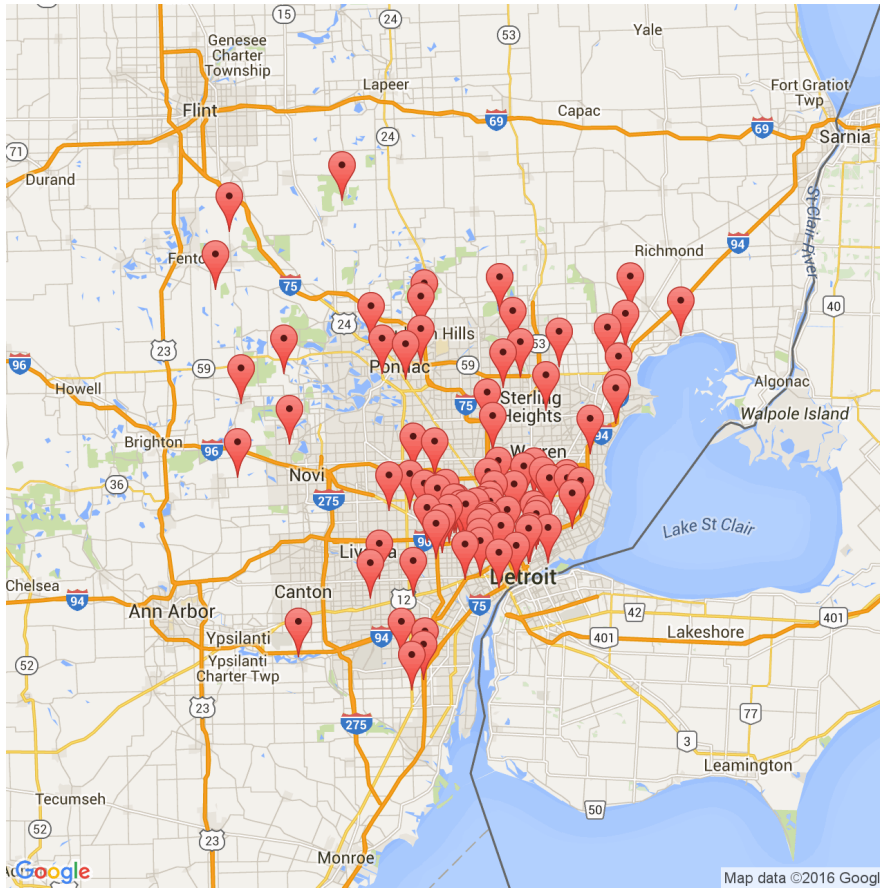
5-Year Trend - Seatbelt Used Among Drivers by Age

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	236	0	22	278	0	20	210	0	8	203	0	19	212	0	23
16 - 20	21,249	3	2,141	20,301	4	2,131	20,384	4	2,061	20,119	1	2,007	21,217	6	2,148
21 - 24	16,008	2	1,869	16,682	7	2,013	17,863	2	2,163	19,272	4	2,194	19,893	6	2,226
25 - 64	110,617	31	13,464	108,103	33	12,830	113,465	30	13,079	124,269	32	13,885	124,848	32	14,505
65 +	14,712	12	1,981	15,116	16	2,004	16,097	17	2,098	17,250	15	2,118	18,215	18	2,421
Unknown	510	0	12	575	0	10	560	0	17	605	0	15	805	0	7
Total	163,332	48	19,489	161,055	60	19,008	168,579	53	19,426	181,718	52	20,238	185,190	62	21,330

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 - Metro. In

2015, there were 3,264 alcohol-involved crashes in MDOT Region - Metro:

84	K - Fatal Crashes
197	A - Incapacitating Injury Crashes
431	B - Non-incapacitating Injury Crashes
597	C - Possible Injury Crashes
1,955	O - Property Damage Only/No Injury Crashes

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