



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

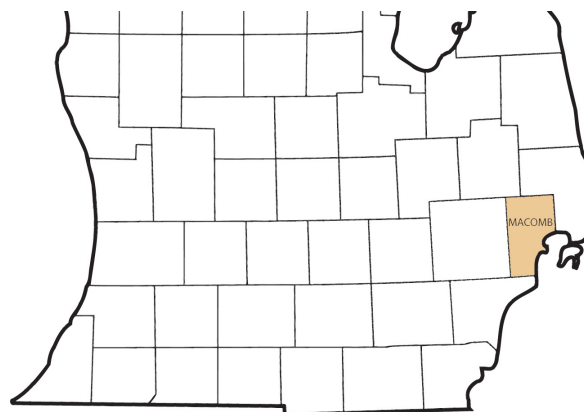
Property Damage Only (PDO)



Michigan State Police (MSP) Traffic Safety Network Macomb County

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

Traffic Safety Network Macomb County is comprised of Macomb county. Trend tables for this report are based on this county.



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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TSN Macomb County Experience

In 2015:

There were 48,741 drivers involved in 24,862 motor vehicle crashes in MSP Traffic Safety Network Macomb County. Of those crashes, 55 were classified as fatal, resulting in 59 fatalities. An additional 7,384 persons were injured.

Traffic Safety Network Macomb County experienced the highest number of motor vehicle crashes (2,391) in January, the highest number of fatal crashes (9) in May, July, and December, and the highest number of persons killed (11) in May.

Michigan driver statistics indicate 6.6 percent of licensed drivers in Traffic Safety Network Macomb County were age 16-20, and 11.5 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	2,391	2	427	1,962	2	586
February	2,121	5	388	1,728	5	526
March	1,904	2	376	1,526	2	509
April	1,744	2	393	1,349	2	542
May	2,098	9	493	1,596	11	703
June	2,025	5	460	1,560	6	661
July	1,964	9	455	1,500	10	619
August	1,874	4	479	1,391	4	658
September	2,174	2	482	1,690	2	649
October	2,217	2	481	1,734	2	652
November	2,167	4	453	1,710	4	643
December	2,183	9	452	1,722	9	636
Total	24,862	55	5,339	19,468	59	7,384

2015 - Driver Statistics

Age Group	Statewide			Driver Rates	
	2015 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	1,938,950	52,553	76	0.4	14.5
16 - 20	675,253	474,427	5,623	83.3	118.5
21 - 24	580,519	480,600	4,704	81.0	97.9
25 - 64	5,157,183	4,760,526	29,186	56.6	61.3
65 +	1,570,671	1,390,210	4,418	28.1	31.8
Unknown	--	--	4,734	--	--
Total	9,922,576	7,158,316	48,741	49.1	68.1

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	38,983	80.0	65	76.5	8,763	30,155
Van & motorhome	2,141	4.4	3	3.5	515	1,623
Pickup truck	4,806	9.9	6	7.1	945	3,855
Small truck under 10,000 lbs. GVWR	481	1.0	0	0.0	119	362
Cycle	247	0.5	8	9.4	191	48
Moped	7	0.0	0	0.0	4	3
Go Cart	0	0.0	0	0.0	0	0
Snowmobile	1	0.0	0	0.0	0	1
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	13	0.0	0	0.0	9	4
Other	140	0.3	0	0.0	19	121
Truck/bus over 10,000 lbs.	1,039	2.1	2	2.4	178	859
Unknown	883	1.8	1	1.2	63	819
Total	48,741	100.0	85	100.0	10,806	37,850

MSP Traffic Safety Network Macomb County (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	1,895	3	1,929	2	1,898	4	2,741	1	2,391	2
February	1,932	4	1,518	1	1,818	4	2,157	4	2,121	5
March	1,791	3	1,571	5	1,776	5	2,016	1	1,904	2
April	1,594	5	1,581	2	1,792	4	1,553	2	1,744	2
May	1,768	4	1,878	7	2,102	5	1,980	4	2,098	9
June	1,894	1	1,755	4	1,902	4	1,975	4	2,025	5
July	1,591	3	1,808	3	1,840	5	1,693	3	1,964	9
August	1,734	3	1,743	7	1,682	3	1,858	3	1,874	4
September	1,961	6	1,618	4	1,936	8	2,020	3	2,174	2
October	2,136	6	2,232	8	2,199	2	2,286	7	2,217	2
November	2,062	5	1,873	5	1,946	3	2,322	3	2,167	4
December	2,052	3	2,196	2	2,324	2	1,870	6	2,183	9
Total	22,410	46	21,702	50	23,215	49	24,471	41	24,862	55

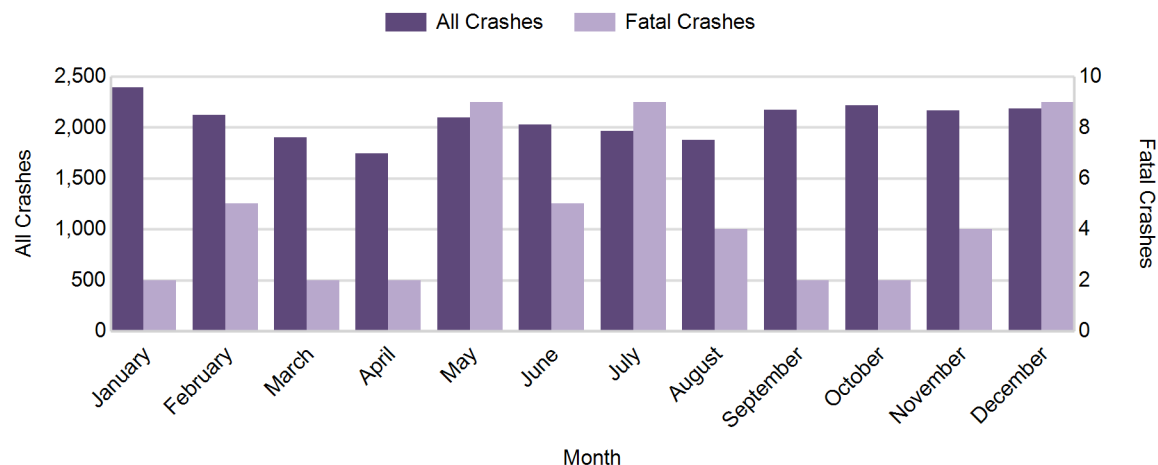
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

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	3,291	5	3,384	8	3,450	6	3,681	4	3,808	5
Tuesday	3,399	8	3,241	7	3,514	10	3,973	2	4,054	4
Wednesday	3,481	7	3,365	5	3,686	5	4,079	5	4,023	8
Thursday	3,467	3	3,338	8	3,756	6	3,825	10	3,724	8
Friday	3,764	4	3,643	9	3,590	3	3,973	3	3,967	15
Saturday	2,945	12	2,652	7	3,150	13	2,768	9	3,053	10
Sunday	2,063	7	2,079	6	2,069	6	2,172	8	2,233	5
Total	22,410	46	21,702	50	23,215	49	24,471	41	24,862	55

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

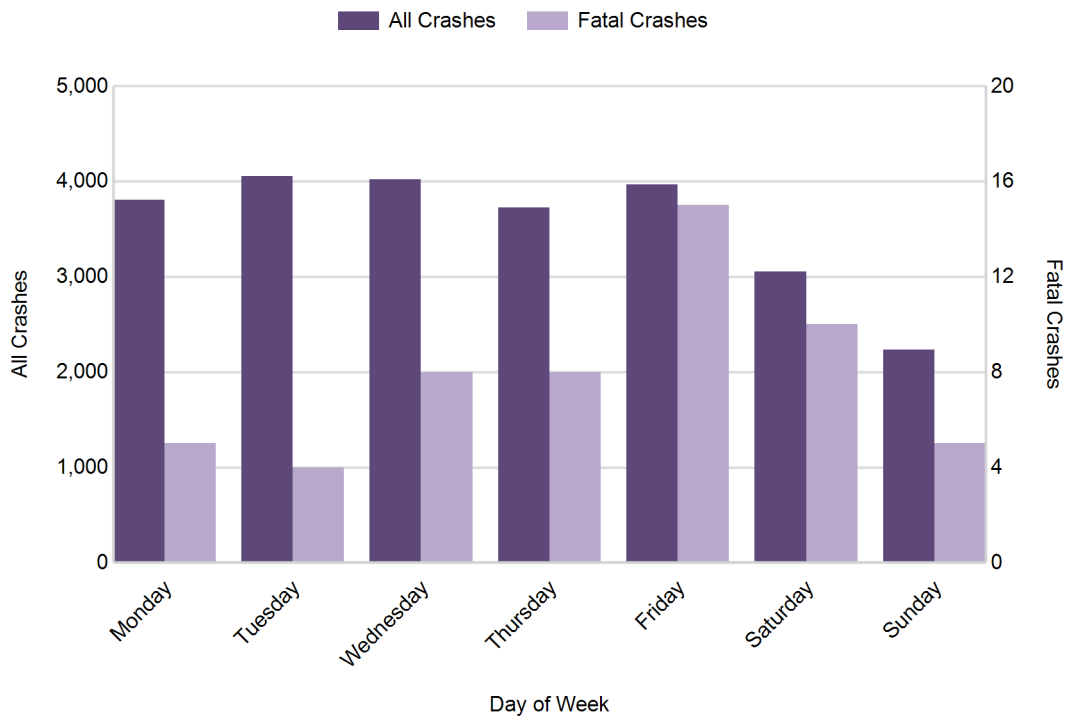
2015 Crashes by Month



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	3,808	15.3	5	9.1	47	160	591	3,005
Tuesday	4,054	16.3	4	7.3	26	156	711	3,157
Wednesday	4,023	16.2	8	14.5	36	183	652	3,144
Thursday	3,724	15.0	8	14.5	46	175	590	2,905
Friday	3,967	16.0	15	27.3	42	158	583	3,169
Saturday	3,053	12.3	10	18.2	53	151	500	2,339
Sunday	2,233	9.0	5	9.1	34	117	328	1,749
Total	24,862	100.0	55	100.0	284	1,100	3,955	19,468

2015 Day of Week and Severity

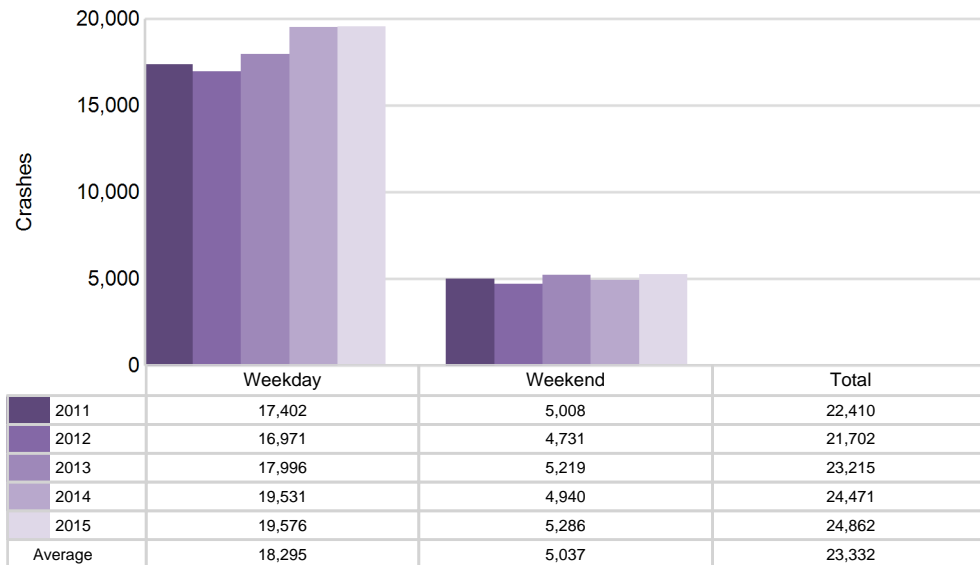


MSP Traffic Safety Network Macomb County (continued)

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	17,402	27	16,971	37	17,996	30	19,531	24	19,576	40
Weekend	5,008	19	4,731	13	5,219	19	4,940	17	5,286	15
Total	22,410	46	21,702	50	23,215	49	24,471	41	24,862	55

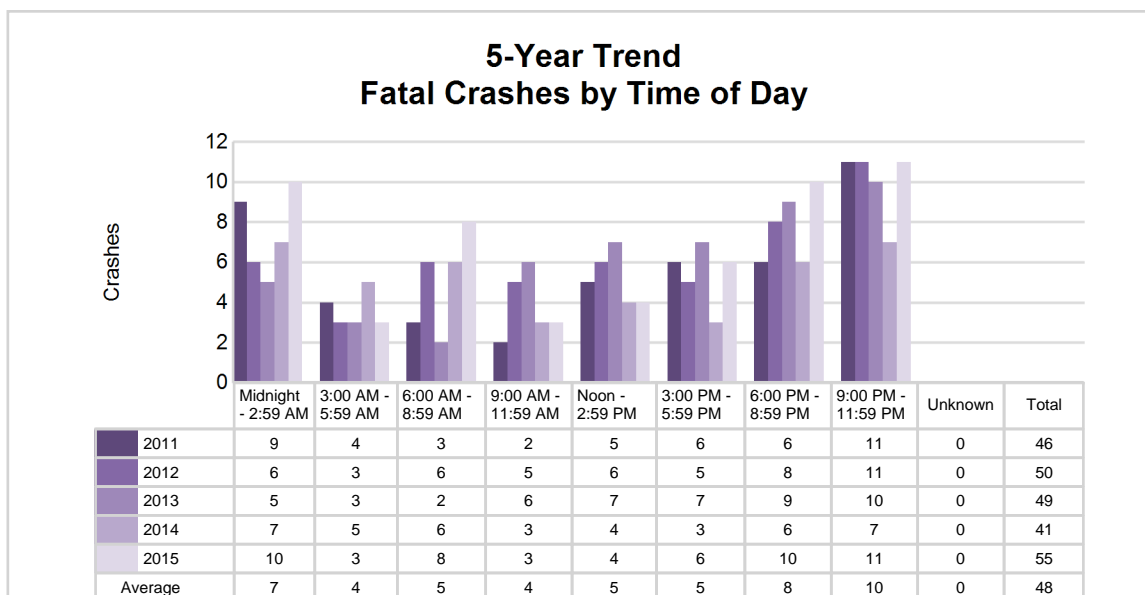
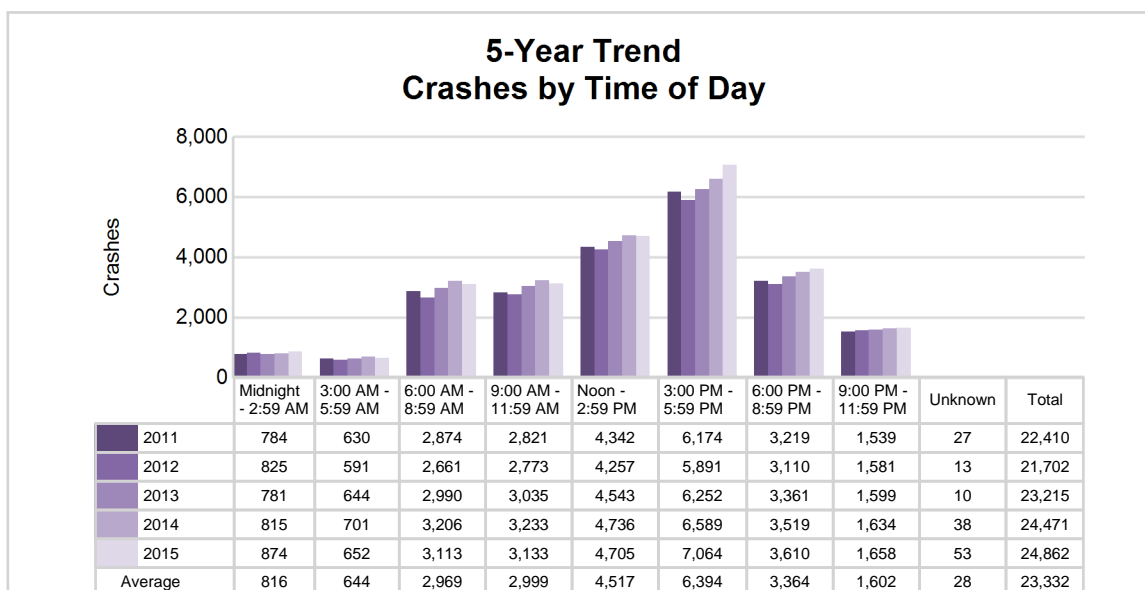
5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



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	784	9	825	6	781	5	815	7	874	10
3:00 AM - 5:59 AM	630	4	591	3	644	3	701	5	652	3
6:00 AM - 8:59 AM	2,874	3	2,661	6	2,990	2	3,206	6	3,113	8
9:00 AM - 11:59 AM	2,821	2	2,773	5	3,035	6	3,233	3	3,133	3
Noon - 2:59 PM	4,342	5	4,257	6	4,543	7	4,736	4	4,705	4
3:00 PM - 5:59 PM	6,174 †	6	5,891 †	5	6,252 †	7	6,589 †	3	7,064 †	6
6:00 PM - 8:59 PM	3,219	6	3,110	8	3,361	9	3,519	6	3,610	10
9:00 PM - 11:59 PM	1,539	11	1,581	11	1,599	10	1,634	7	1,658	11
Unknown	27	0	13	0	10	0	38	0	53	0
Total	22,410	46	21,702	50	23,215	49	24,471	41	24,862	55

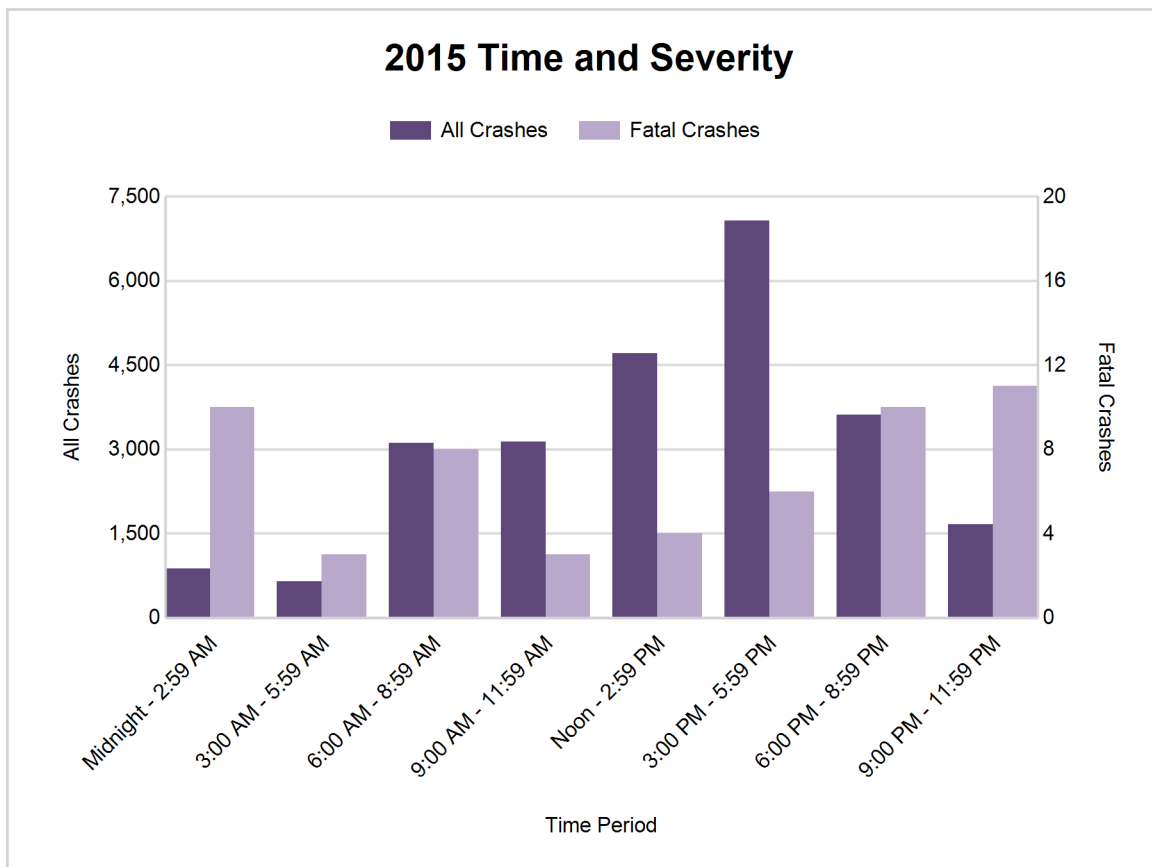
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period



MSP Traffic Safety Network Macomb County (continued)

2015 - Time and Severity

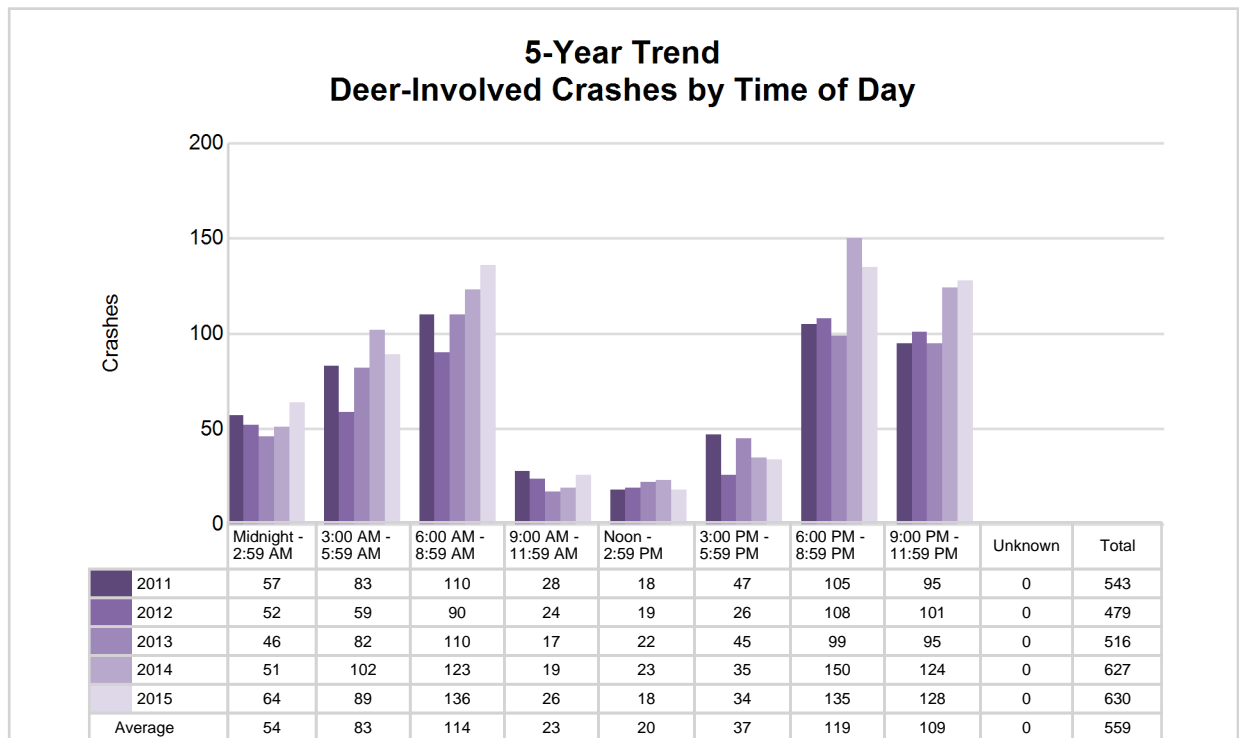
Time of Day	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	Number
Midnight - 2:59 AM	874	3.5	10	18.2	24	54	119	667
3:00 AM - 5:59 AM	652	2.6	3	5.5	12	44	84	509
6:00 AM - 8:59 AM	3,113	12.5	8	14.5	21	100	436	2,548
9:00 AM - 11:59 AM	3,133	12.6	3	5.5	39	127	532	2,432
Noon - 2:59 PM	4,705	18.9	4	7.3	51	205	817	3,628
3:00 PM - 5:59 PM	7,064	28.4	6	10.9	64	282	1,137	5,575
6:00 PM - 8:59 PM	3,610	14.5	10	18.2	42	186	590	2,782
9:00 PM - 11:59 PM	1,658	6.7	11	20.0	31	102	240	1,274
Unknown	53	0.2	0	0.0	0	0	0	53
Total	24,862	100.0	55	100.0	284	1,100	3,955	19,468



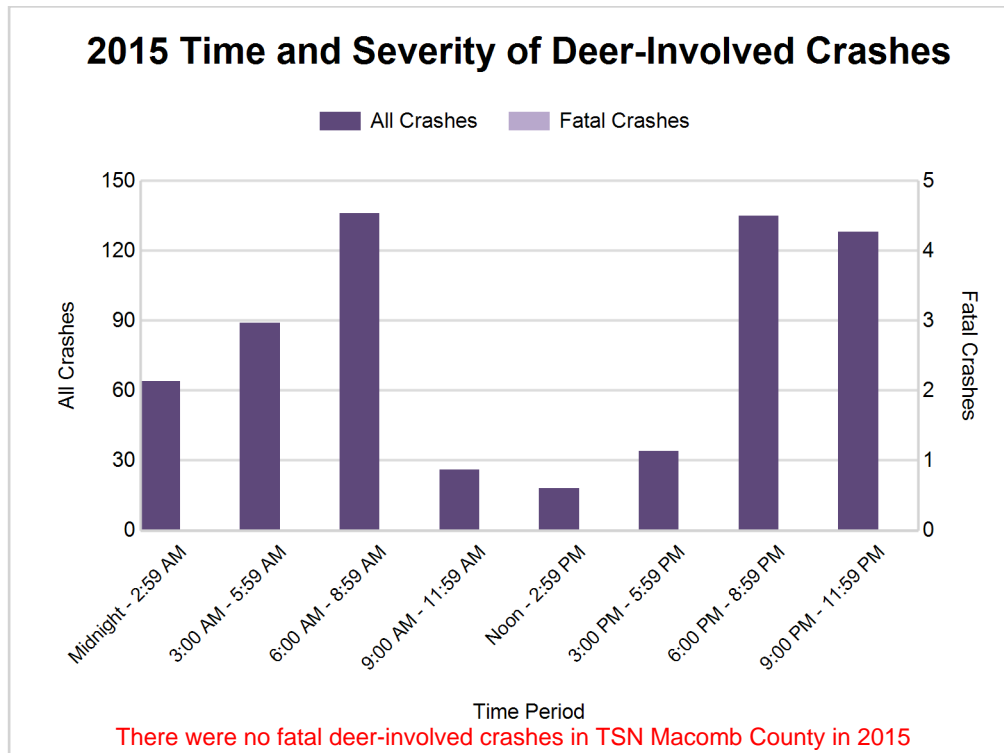
5-Year Trend - Deer-Involved Crashes by Time of Day

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	57	0	52	0	46	0	51	0	64	0
3:00 AM - 5:59 AM	83	0	59	0	82	0	102	0	89	0
6:00 AM - 8:59 AM	110	0	90	0	110	0	123	0	136	0
9:00 AM - 11:59 AM	28	0	24	0	17	0	19	0	26	0
Noon - 2:59 PM	18	0	19	0	22	0	23	0	18	0
3:00 PM - 5:59 PM	47	0	26	0	45	0	35	0	34	0
6:00 PM - 8:59 PM	105	0	108	0	99	0	150	0	135	0
9:00 PM - 11:59 PM	95	0	101	0	95	0	124	0	128	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	543	0	479	0	516	0	627	0	630	0

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



MSP Traffic Safety Network Macomb County (continued)



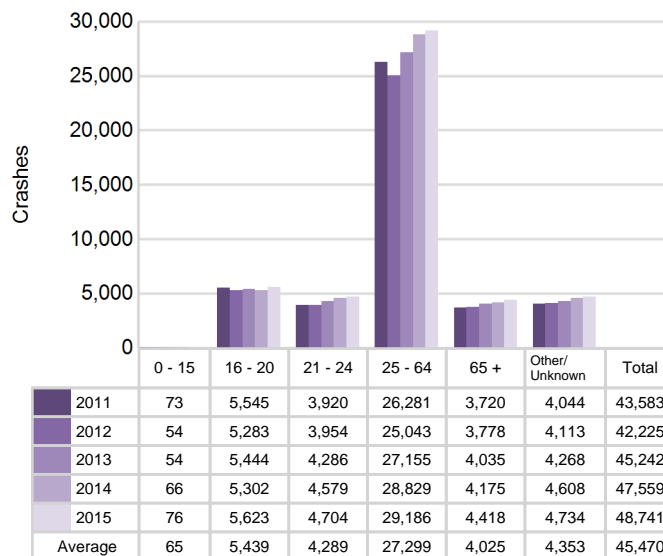
2015 - Reported Motor Vehicle Crashes by County

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
Total	24,862	55	5,339	19,468	2,587	0	6,633	15,642	749	248	630	59	7,384

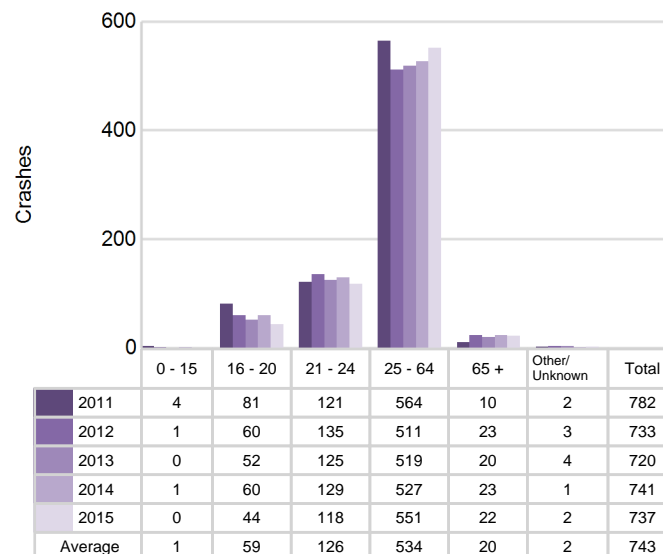
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	73	4	54	1	54	0	66	1	76	0
16 - 20	5,545	81	5,283	60	5,444	52	5,302	60	5,623	44
21 - 24	3,920	121	3,954	135	4,286	125	4,579	129	4,704	118
25 - 64	26,281	564	25,043	511	27,155	519	28,829	527	29,186	551
65 +	3,720	10	3,778	23	4,035	20	4,175	23	4,418	22
Unknown	4,044	2	4,113	3	4,268	4	4,608	1	4,734	2
Total	43,583	782	42,225	733	45,242	720	47,559	741	48,741	737

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



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



MSP Traffic Safety Network Macomb County (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	0	0	0	0	0	0	0	0	0
16 - 20	83	65	34	44	0	7	14	6	17
21 - 24	161	132	101	118	2	6	33	33	44
25 - 64	859	619	461	551	10	38	115	190	198
65 +	52	41	21	22	0	4	7	9	2
Unknown	160	3	0	2	0	0	0	0	2
Total	1,315	860	617	737	12	55	169	238	263

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 1,315 drivers in alcohol-involved crashes; 737 (56.0%) of those drivers were coded as had-been-drinking by the officer on the crash form.

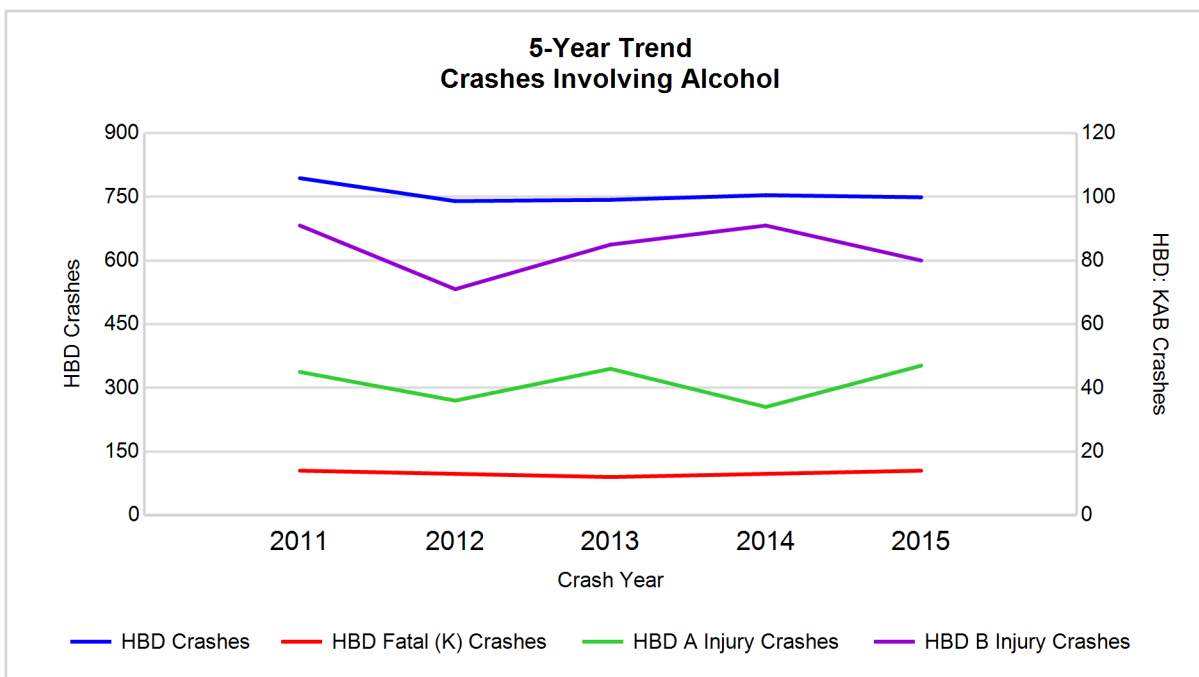
- 407 (55.2%) of the 737 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 238 (58.5%) of the 407 drivers had a BAC at or above 0.17 g/dL.
- 617 (83.7%) of the 737 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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	22,410	794	3.5	46	14	30.4	297	45	15.2	1,108	91	8.2
2012	21,702	740	3.4	50	13	26.0	297	36	12.1	1,106	71	6.4
2013	23,215	743	3.2	49	12	24.5	284	46	16.2	1,158	85	7.3
2014	24,471	754	3.1	41	13	31.7	243	34	14.0	1,210	91	7.5
2015	24,862**	749	3.0*	55**	14	25.5	284	47**	16.5**	1,100*	80	7.3

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



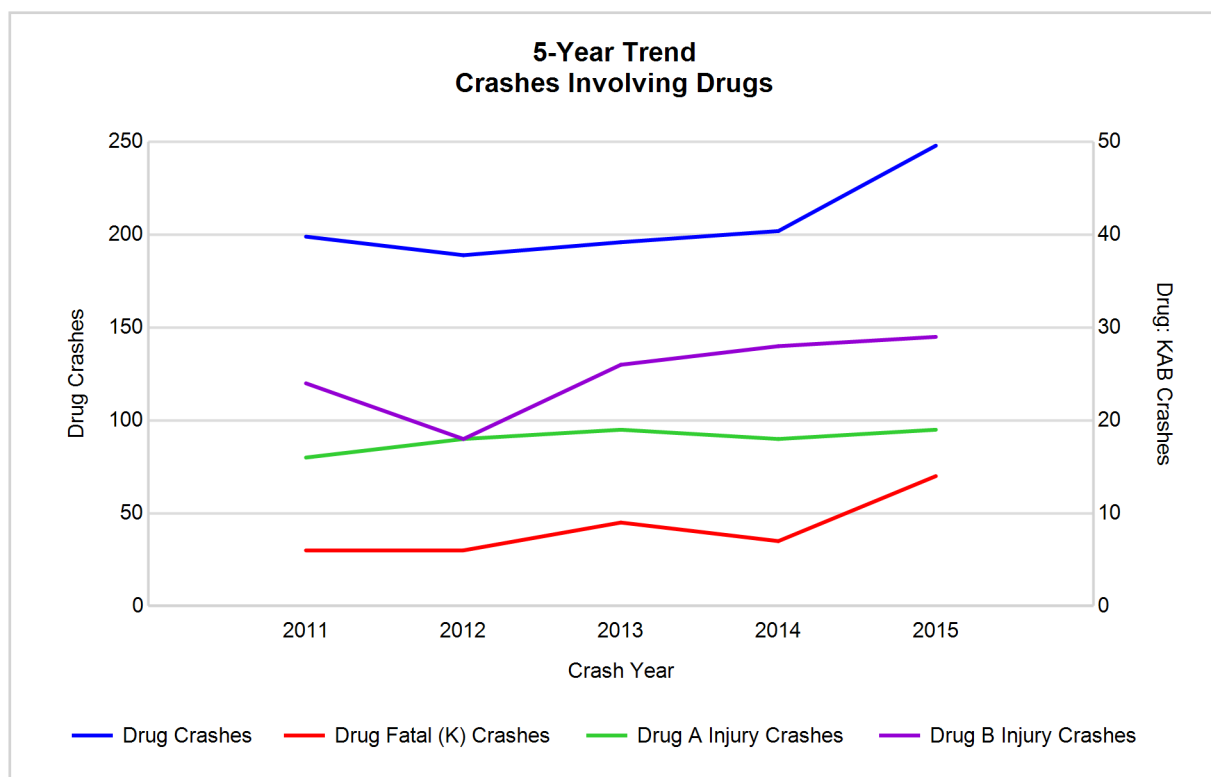
Note: Had-Been-Drinking (HBD)

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	22,410	199	0.9	46	6	13.0	297	16	5.4	1,108	24	2.2
2012	21,702	189	0.9	50	6	12.0	297	18	6.1	1,106	18	1.6
2013	23,215	196	0.8	49	9	18.4	284	19	6.7	1,158	26	2.2
2014	24,471	202	0.8	41	7	17.1	243	18	7.4	1,210	28	2.3
2015	24,862**	248**	1.0**	55**	14**	25.5**	284	19	6.7	1,100*	29**	2.6**

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



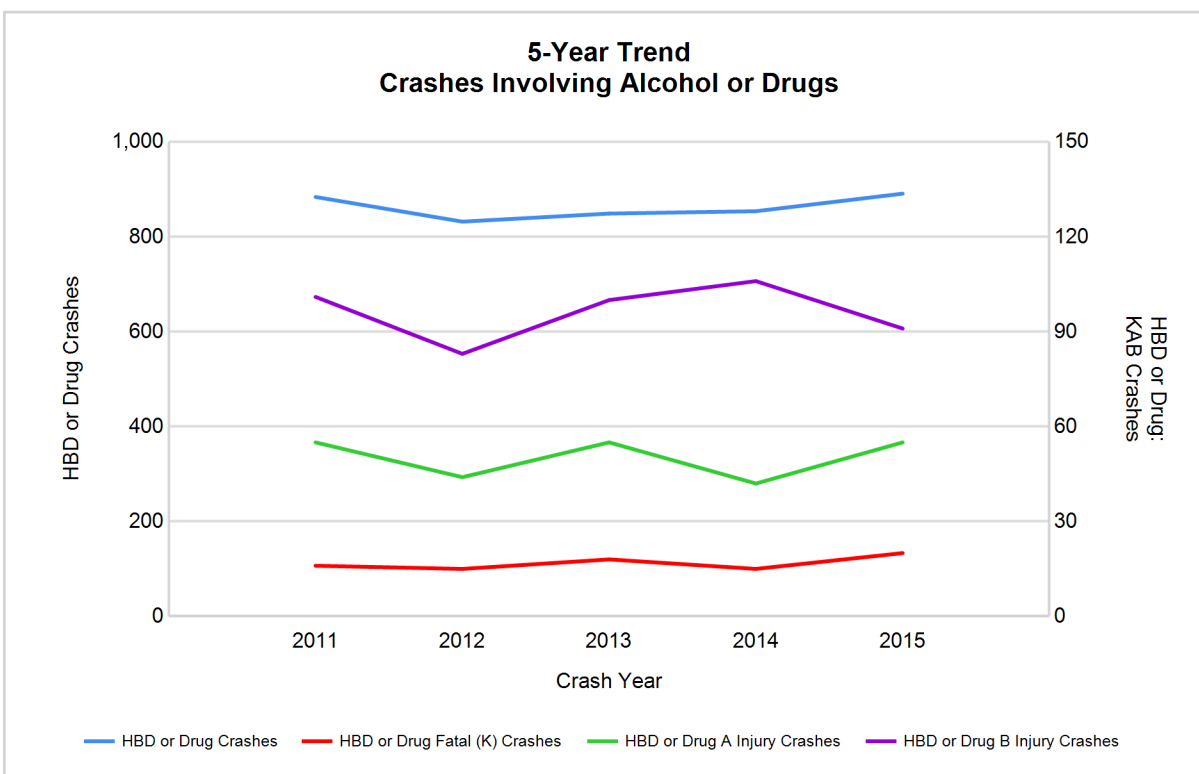
MSP Traffic Safety Network Macomb County (continued)

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	22,410	884	3.9	46	16	34.8	297	55	18.5	1,108	101	9.1
2012	21,702	832	3.8	50	15	30.0	297	44	14.8	1,106	83	7.5
2013	23,215	849	3.7	49	18	36.7	284	55	19.4	1,158	100	8.6
2014	24,471	854	3.5	41	15	36.6	243	42	17.3	1,210	106	8.8
2015	24,862**	891**	3.6	55**	20**	36.4	284	55	19.4	1,100*	91	8.3

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)

MSP Traffic Safety Network Macomb County (continued)

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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	40,318	36,100	89.5	31	18	58.1	219	179	81.7	1,011	927	91.7	4,762	4,566	95.9	31,300	30,387	97.1
Van & motorhome	2,265	1,991	87.9	1	0	0.0	14	9	64.3	59	48	81.4	282	262	92.9	1,741	1,672	96.0
Pickup truck	4,895	4,211	86.0	1	1	100.0	19	14	73.7	67	56	83.6	330	306	92.7	3,965	3,831	96.6
Small truck under 10,000 lbs. GVWR	494	460	93.1	0	0	0.0	2	1	50.0	12	12	100.0	57	56	98.2	400	390	97.5
Cycle	259	176	68.0	8	5	62.5	43	26	60.5	87	61	70.1	65	48	73.8	50	36	72.0
Moped	8	2	25.0	0	0	0.0	1	1	100.0	2	0	0.0	2	1	50.0	2	0	0.0
Go Cart	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Snowmobile	1	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	14	2	14.3	0	0	0.0	3	0	0.0	4	2	50.0	3	0	0.0	4	0	0.0
Other	141	80	56.7	0	0	0.0	2	1	50.0	2	1	50.0	5	2	40.0	92	76	82.6
Truck/bus over 10,000 lbs.	1,056	947	89.7	2	0	0.0	1	0	0.0	2	2	100.0	34	20	58.8	960	925	96.4
Unknown	885	22	2.5	0	0	0.0	0	0	0.0	1	1	100.0	1	0	0.0	38	17	44.7
Total	50,336	43,991	87.4	43	24	55.8	304	231	76.0	1,247	1,110	89.0	5,541	5,261	94.9	38,553	37,334	96.8

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	478	424	88.7	0	0	0.0	8	6	75.0	74	63	85.1	333	305	91.6	61	50	82.0
16 - 20	5,863	5,642	96.2	11	4	36.4	34	26	76.5	181	161	89.0	637	588	92.3	4,984	4,862	97.6
21 - 24	4,822	4,605	95.5	3	2	66.7	31	21	67.7	144	129	89.6	504	467	92.7	4,126	3,985	96.6
25 - 64	29,850	28,780	96.4	22	13	59.1	198	148	74.7	697	616	88.4	3,435	3,288	95.7	25,416	24,708	97.2
65 +	4,584	4,489	97.9	7	5	71.4	33	30	90.9	149	141	94.6	627	613	97.8	3,766	3,700	98.2
Unknown	4,739	51	1.1	0	0	0.0	0	0	0.0	2	0	0.0	5	0	0.0	200	29	14.5
Total	50,336	43,991	87.4	43	24	55.8	304	231	76.0	1,247	1,110	89.0	5,541	5,261	94.9	38,553	37,334	96.8

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.

MSP Traffic Safety Network Macomb County (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	75	1	6	165	0	18	81	0	7	47	1	8	152	1	22
Shoulder belt only used	23	1	2	27	0	3	31	0	2	17	0	2	16	0	2
Lap belt only used	21	0	3	38	0	6	54	0	9	49	0	6	94	0	15
Both lap & shoulder belts used	38,241	13	4,682	36,770	15	4,500	39,628	14	4,612	41,749	14	4,917	42,310	16	5,063
No belts used	223	3	108	209	6	91	201	6	97	150	3	65	175	9	67
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	1	0	0	1	0	0	0	0	0	1	0	0	3	0	1
Restraint failure	1	0	1	2	0	1	0	0	0	1	0	0	2	0	0
Restraint use unknown	3,979	2	93	4,006	1	76	4,210	5	84	4,454	4	93	3,894	3	153
Helmet worn	171	6	123	179	3	136	176	9	130	133	3	101	168	5	127
Helmet not worn	6	0	5	65	5	46	72	3	58	66	2	52	87	3	67
Helmet use unknown	8	0	3	5	0	2	8	0	4	15	2	7	11	0	4
Uncoded & errors	834	0	7	758	0	1	781	0	0	877	0	0	1,829	0	2
Total	43,583	26	5,033	42,225	30	4,880	45,242	37	5,003	47,559	29	5,251	48,741	37	5,523

5-Year Trend - Restraint Use Among Drivers Coded Drinking

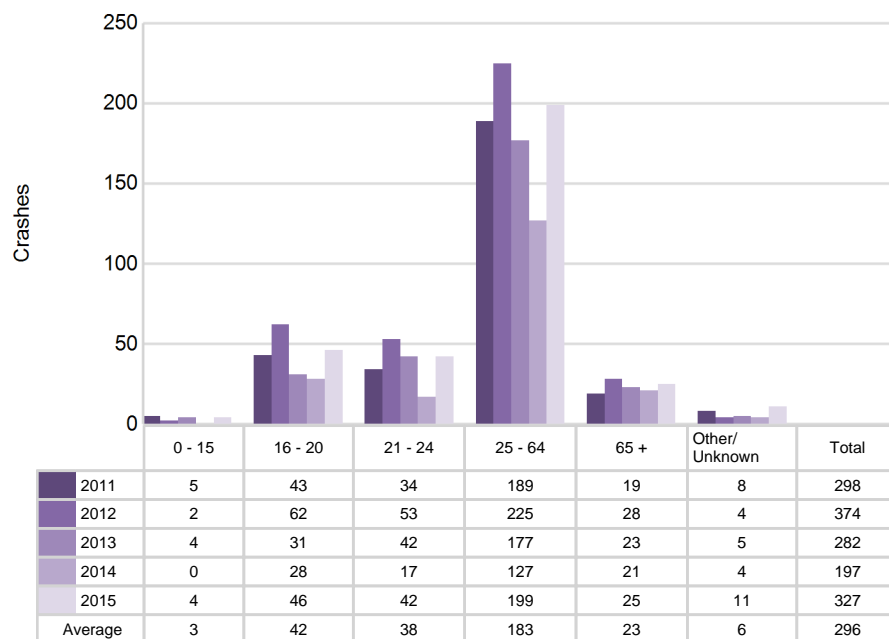
Restraint Use	2011			2012			2013			2014			2015		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	2	0	1	5	0	1	3	0	1	1	0	0	6	0	2
Shoulder belt only used	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0
Lap belt only used	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0
Both lap & shoulder belts used	564	0	107	563	2	102	563	0	111	604	1	127	565	3	105
No belts used	53	2	29	42	1	20	38	2	27	25	2	13	30	2	18
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	0	0	0	0	0	0
Restraint use unknown	145	0	25	105	0	21	108	2	25	97	1	22	123	1	38
Helmet worn	11	1	8	10	1	6	1	0	1	3	0	2	6	0	6
Helmet not worn	1	0	1	7	2	4	5	1	4	9	0	8	7	0	7
Helmet use unknown	2	0	1	0	0	0	1	0	0	0	0	0	0	0	0
Uncoded & errors	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Total	782	3	173	733	6	154	720	5	169	741	4	173	737	6	176

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	5	0	2	2	0	0	4	0	2	0	0	0	4	0	0
16 - 20	43	1	21	62	2	18	31	0	11	28	0	7	46	2	13
21 - 24	34	1	10	53	1	18	42	2	20	17	1	4	42	1	14
25 - 64	189	2	69	225	2	62	177	3	63	127	1	55	199	6	55
65 +	19	0	12	28	1	11	23	1	8	21	2	7	25	1	7
Unknown	8	0	0	4	0	0	5	0	0	4	0	0	11	0	0
Total	298	4	114	374	6	109	282	6	104	197	4	73	327	10	89

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

5-Year Trend Driver Seatbelt Not Used



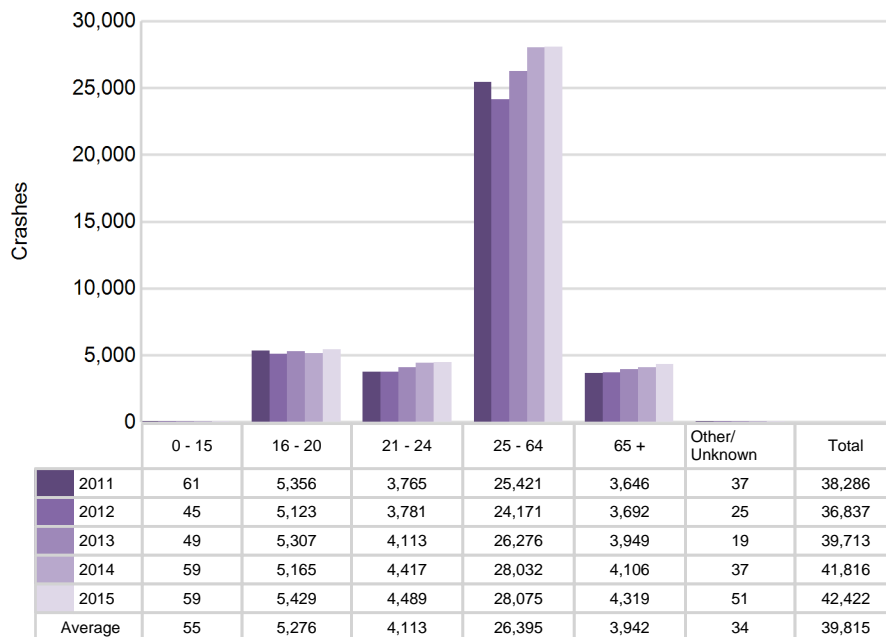
MSP Traffic Safety Network Macomb County (continued)

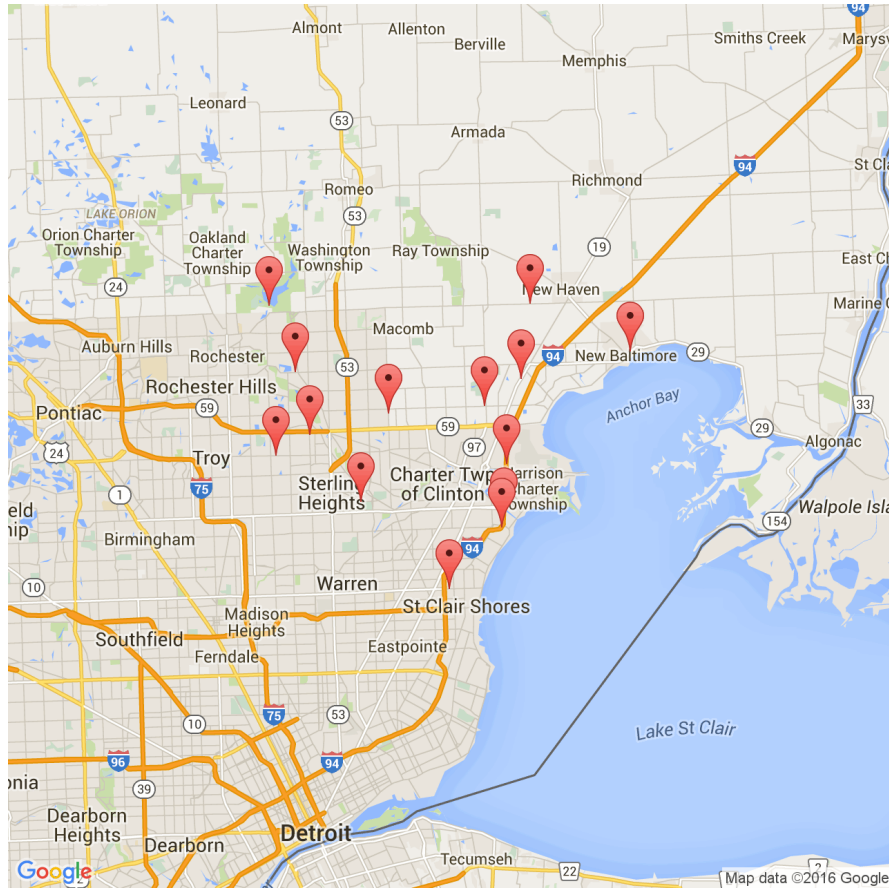
5-Year Trend - Seatbelt Used Among Drivers by Age

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	61	0	6	45	0	4	49	0	2	59	0	9	59	0	9
16 - 20	5,356	2	531	5,123	1	553	5,307	1	528	5,165	0	506	5,429	2	567
21 - 24	3,765	0	430	3,781	1	467	4,113	1	481	4,417	0	531	4,489	1	508
25 - 64	25,421	9	3,187	24,171	9	2,962	26,276	6	3,100	28,032	10	3,334	28,075	8	3,378
65 +	3,646	3	531	3,692	4	521	3,949	6	509	4,106	4	543	4,319	5	618
Unknown	37	0	3	25	0	3	19	0	3	37	0	2	51	0	0
Total	38,286	14	4,688	36,837	15	4,510	39,713	14	4,623	41,816	14	4,925	42,422	16	5,080

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 TSN Macomb County.

In 2015, there were 749 alcohol-involved crashes in TSN Macomb County:

- 14 K - Fatal Crashes
- 47 A - Incapacitating Injury Crashes
- 80 B - Non-incapacitating Injury Crashes
- 156 C - Possible Injury Crashes
- 452 O - Property Damage Only/No Injury Crashes

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