



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 Thumb Area

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

Traffic Safety Network Thumb Area is comprised of Huron, Sanilac, 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.

This page left intentionally blank

TSN Thumb Area Experience

In 2015:

There were 5,318 drivers involved in 4,492 motor vehicle crashes in MSP Traffic Safety Network Thumb Area. Of those crashes, 15 were classified as fatal, resulting in 15 fatalities. An additional 762 persons were injured.

Traffic Safety Network Thumb Area experienced the highest number of motor vehicle crashes (631) in November, the highest number of fatal crashes (4) and the highest number of persons killed (4) in October.

Michigan driver statistics indicate 6.6 percent of licensed drivers in Traffic Safety Network Thumb Area were age 16-20, and 10.6 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	491	1	67	423	1	88
February	292	1	28	263	1	42
March	314	1	42	271	1	63
April	311	1	28	282	1	39
May	280	1	52	227	1	71
June	363	1	52	310	1	67
July	344	2	70	272	2	113
August	245	0	41	204	0	51
September	285	0	35	250	0	55
October	523	4	47	472	4	64
November	631	2	54	575	2	76
December	413	1	25	387	1	33
Total	4,492	15	541	3,936	15	762

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	9	--	1.7
16 - 20	675,253	474,427	565	8.4	11.9
21 - 24	580,519	480,600	455	7.8	9.5
25 - 64	5,157,183	4,760,526	3,573	6.9	7.5
65 +	1,570,671	1,390,210	609	3.9	4.4
Unknown	--	--	107	--	--
Total	9,922,576	7,158,316	5,318	5.4	7.4

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	3,668	69.0	13	56.5	501	3,154
Van & motorhome	124	2.3	1	4.3	20	103
Pickup truck	1,238	23.3	3	13.0	159	1,076
Small truck under 10,000 lbs. GVWR	38	0.7	0	0.0	5	33
Cycle	64	1.2	1	4.3	46	17
Moped	3	0.1	0	0.0	2	1
Go Cart	0	0.0	0	0.0	0	0
Snowmobile	3	0.1	0	0.0	3	0
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	10	0.2	1	4.3	8	1
Other	40	0.8	2	8.7	6	32
Truck/bus over 10,000 lbs.	106	2.0	2	8.7	24	80
Unknown	24	0.5	0	0.0	2	22
Total	5,318	100.0	23	100.0	776	4,519

MSP Traffic Safety Network Thumb Area (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	463	0	378	4	436	1	527	3	491	1
February	363	0	420	1	386	3	414	0	292	1
March	359	0	328	0	353	1	396	0	314	1
April	299	0	299	1	317	0	288	2	311	1
May	287	1	329	0	312	0	239	2	280	1
June	376	2	348	1	343	0	307	2	363	1
July	325	2	354	2	319	2	313	2	344	2
August	286	2	274	5	286	3	251	5	245	0
September	394	0	381	2	364	1	281	1	285	0
October	556	1	516	0	549	2	508	1	523	4
November	766 †	0	724 †	1	680 †	1	622 †	1	631 †	2
December	490	1	497	1	511	0	423	3	413	1
Total	4,964	9	4,848	18	4,856	14	4,569	22	4,492	15

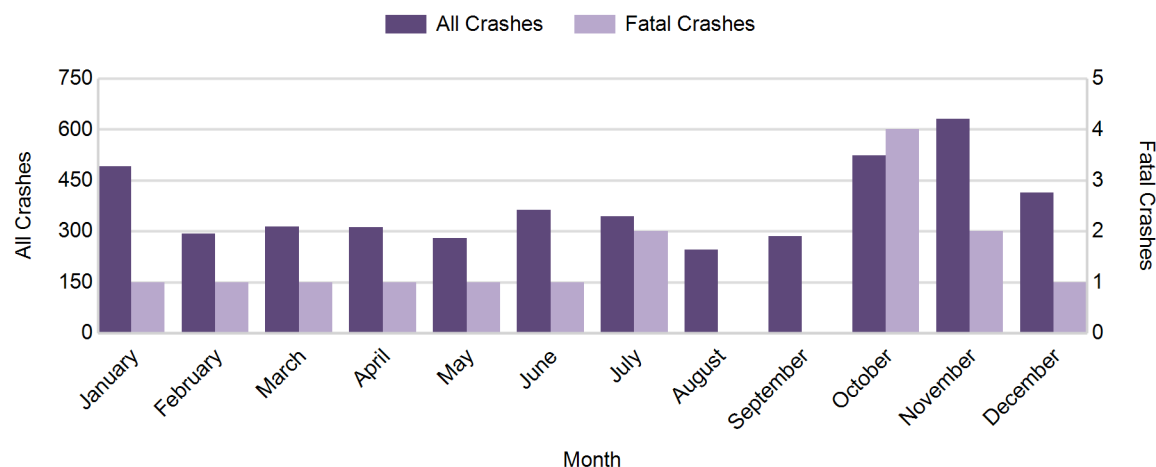
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same month

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	675	4	713	2	637	1	630	3	630	1
Tuesday	722	0	659	1	759	2	645	2	686	1
Wednesday	726	1	624	2	685	1	687	1	667	3
Thursday	682	0	634	1	688	1	688	5	651	4
Friday	801	0	863	4	845	2	771	6	672	1
Saturday	718	2	724	3	656	5	617	3	673	3
Sunday	640	2	631	5	586	2	531	2	513	2
Total	4,964	9	4,848	18	4,856	14	4,569	22	4,492	15

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

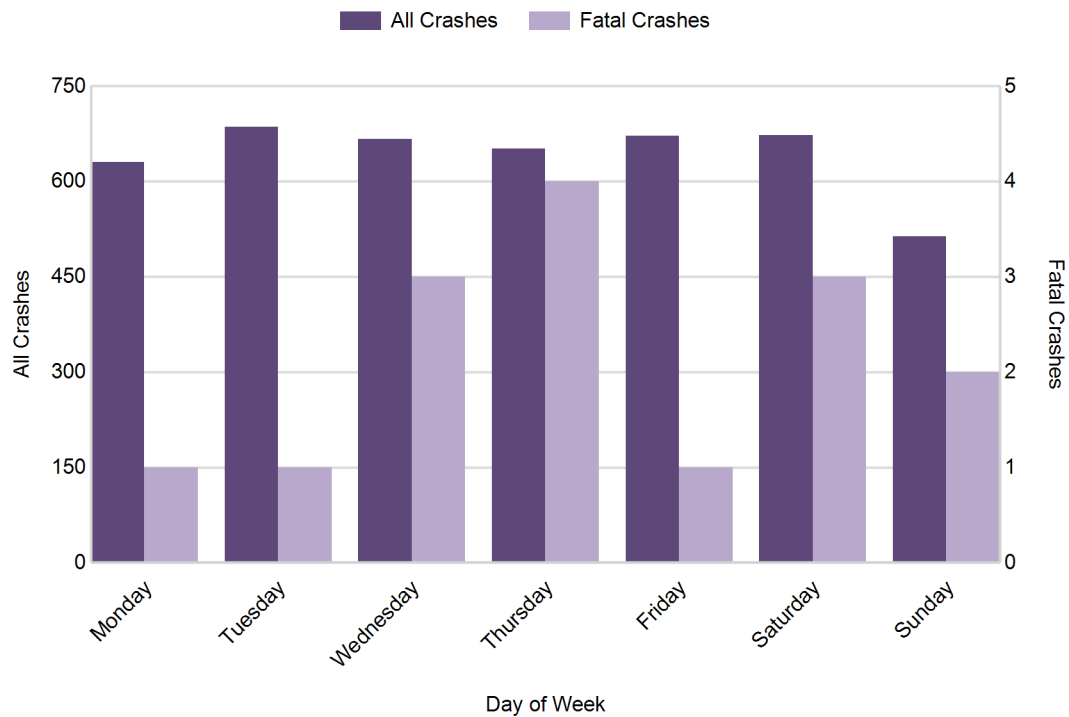
2015 Crashes by Month



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	630	14.0	1	6.7	6	21	36	566
Tuesday	686	15.3	1	6.7	10	21	44	610
Wednesday	667	14.8	3	20.0	10	25	36	593
Thursday	651	14.5	4	26.7	3	23	54	567
Friday	672	15.0	1	6.7	9	35	47	580
Saturday	673	15.0	3	20.0	11	38	46	575
Sunday	513	11.4	2	13.3	13	18	35	445
Total	4,492	100.0	15	100.0	62	181	298	3,936

2015 Day of Week and Severity

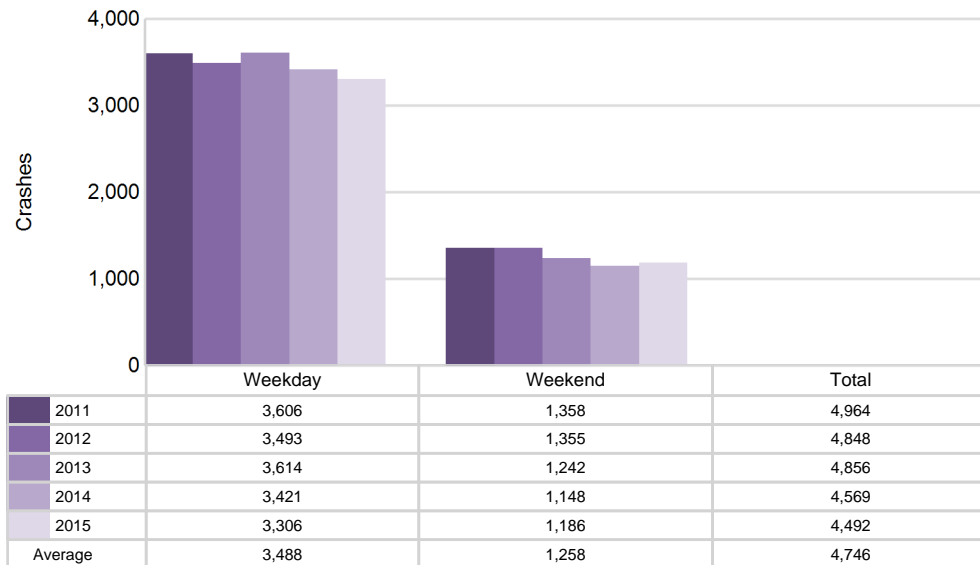


MSP Traffic Safety Network Thumb Area (continued)

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	3,606	5	3,493	10	3,614	7	3,421	17	3,306	10
Weekend	1,358	4	1,355	8	1,242	7	1,148	5	1,186	5
Total	4,964	9	4,848	18	4,856	14	4,569	22	4,492	15

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



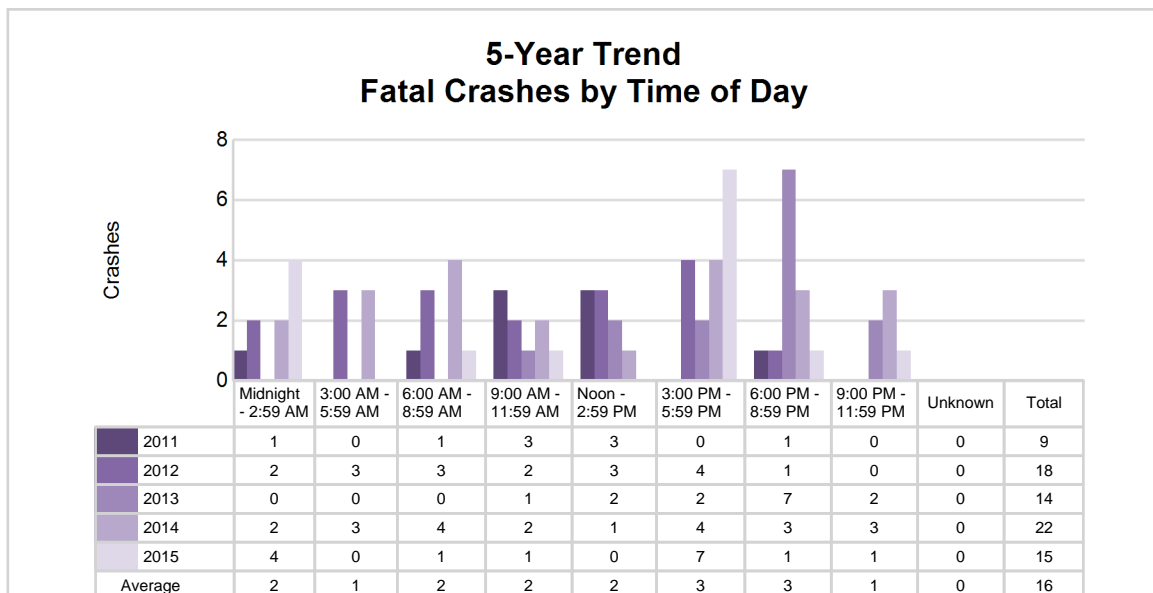
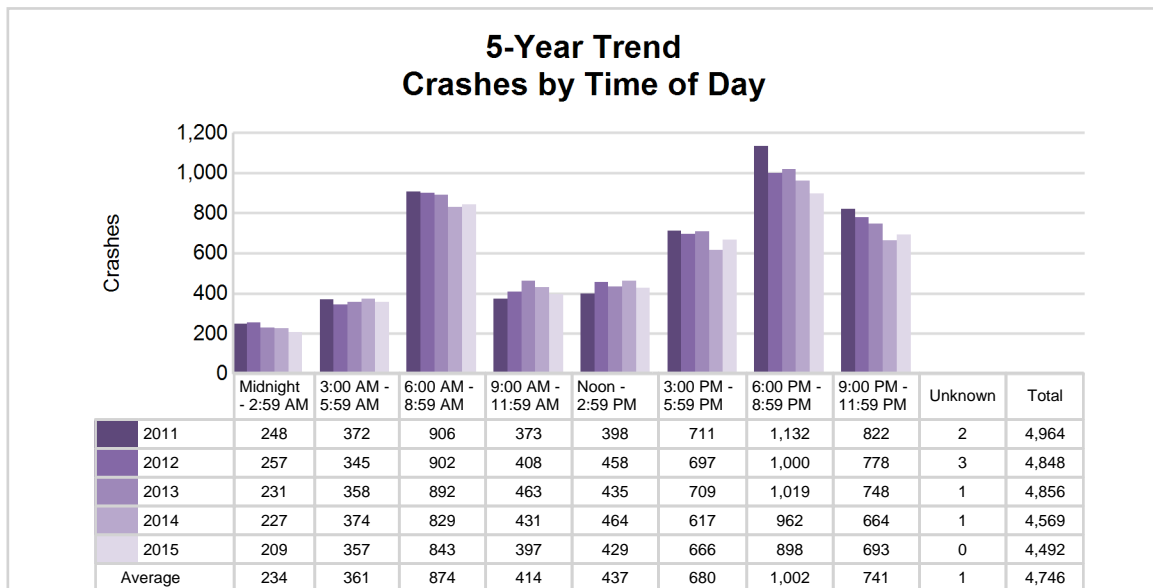
MSP Traffic Safety Network Thumb Area (continued)

5

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	248	1	257	2	231	0	227	2	209	4
3:00 AM - 5:59 AM	372	0	345	3	358	0	374	3	357	0
6:00 AM - 8:59 AM	906	1	902	3	892	0	829	4	843	1
9:00 AM - 11:59 AM	373	3	408	2	463	1	431	2	397	1
Noon - 2:59 PM	398	3	458	3	435	2	464	1	429	0
3:00 PM - 5:59 PM	711	0	697	4	709	2	617	4	666	7
6:00 PM - 8:59 PM	1,132 †	1	1,000 †	1	1,019 †	7	962 †	3	898 †	1
9:00 PM - 11:59 PM	822	0	778	0	748	2	664	3	693	1
Unknown	2	0	3	0	1	0	1	0	0	0
Total	4,964	9	4,848	18	4,856	14	4,569	22	4,492	15

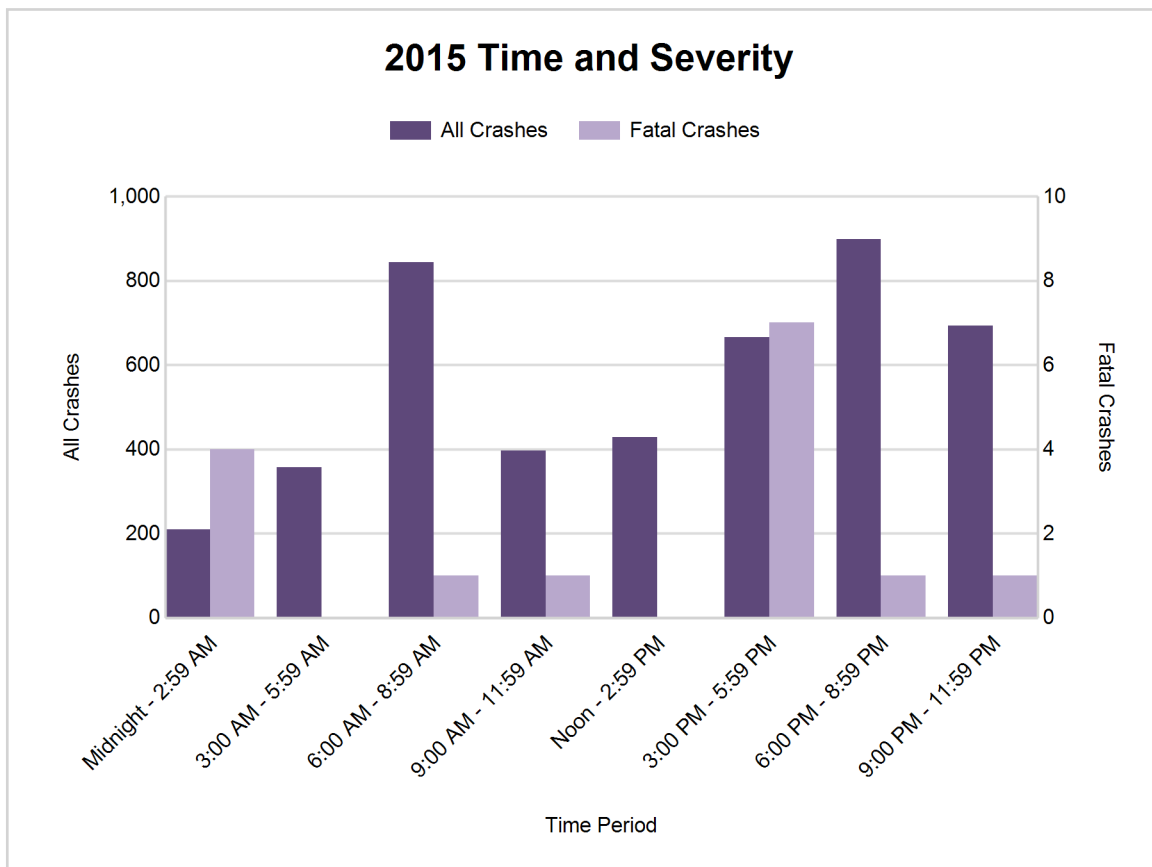
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period



MSP Traffic Safety Network Thumb Area (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	209	4.7	4	26.7	7	7	10	181
3:00 AM - 5:59 AM	357	7.9	0	0.0	0	5	13	339
6:00 AM - 8:59 AM	843	18.8	1	6.7	6	27	48	761
9:00 AM - 11:59 AM	397	8.8	1	6.7	9	25	29	333
Noon - 2:59 PM	429	9.6	0	0.0	11	37	68	313
3:00 PM - 5:59 PM	666	14.8	7	46.7	9	30	75	545
6:00 PM - 8:59 PM	898	20.0	1	6.7	14	25	34	824
9:00 PM - 11:59 PM	693	15.4	1	6.7	6	25	21	640
Unknown	0	0.0	0	0.0	0	0	0	0
Total	4,492	100.0	15	100.0	62	181	298	3,936



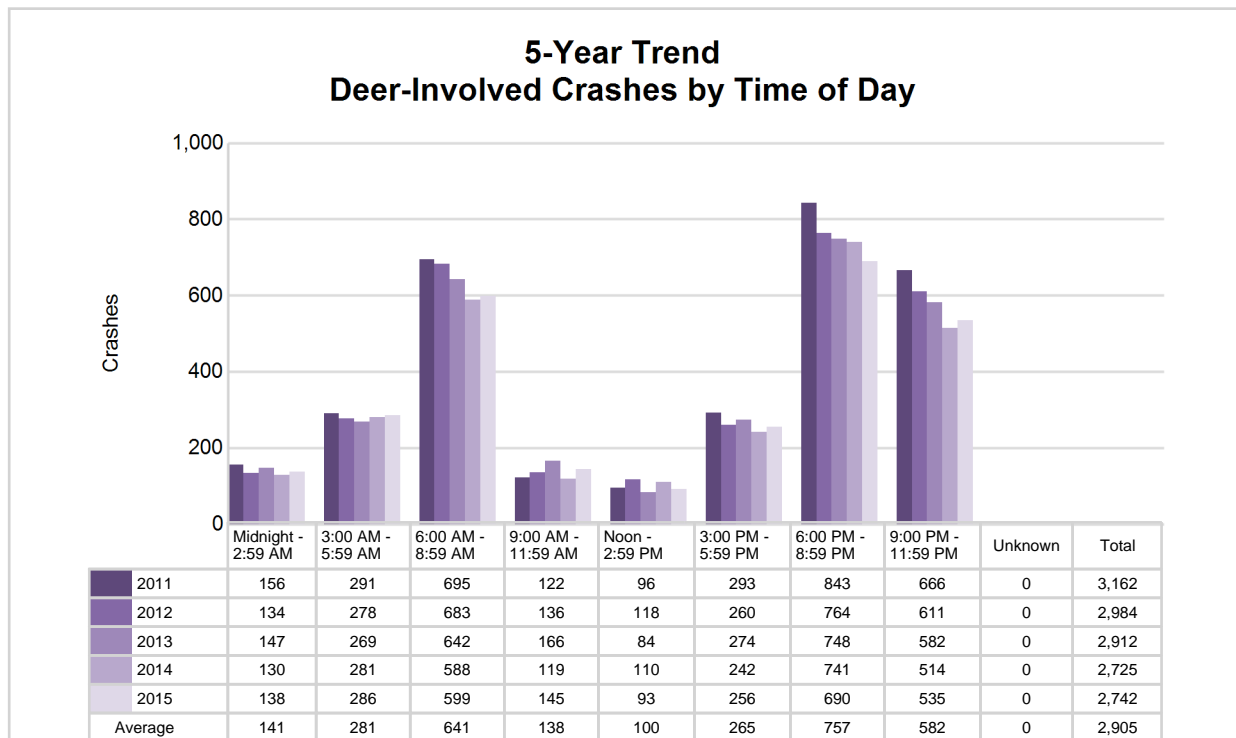
MSP Traffic Safety Network Thumb Area (continued)

7

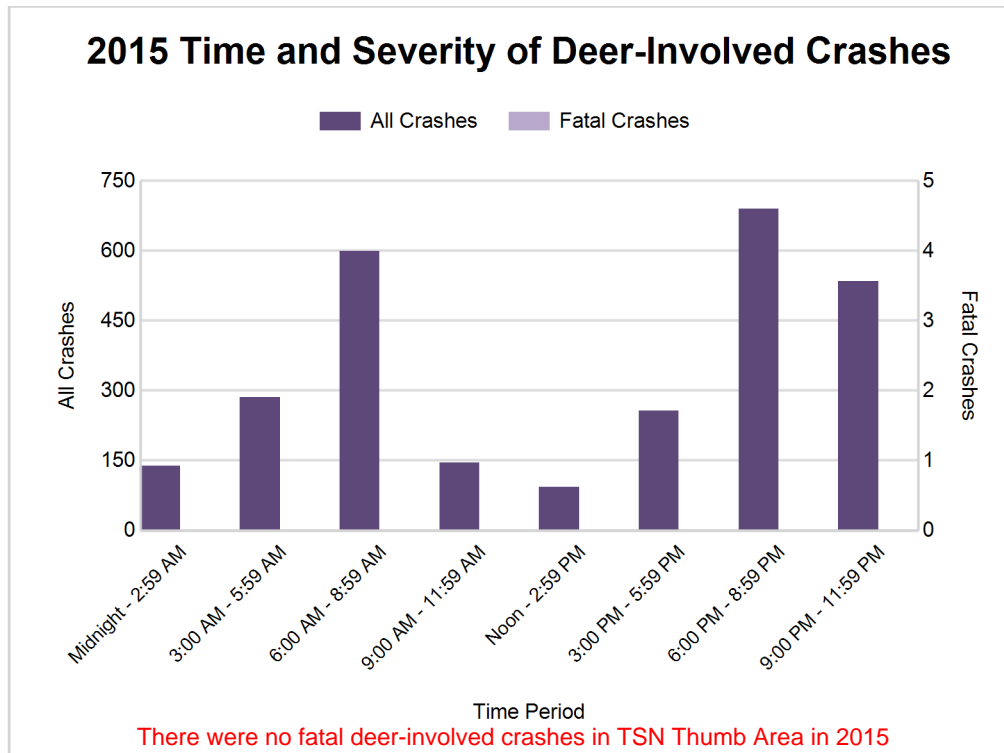
5-Year Trend - Deer-Involved Crashes by Time of Day

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	156	0	134	0	147	0	130	0	138	0
3:00 AM - 5:59 AM	291	0	278	0	269	0	281	0	286	0
6:00 AM - 8:59 AM	695	0	683	0	642	0	588	0	599	0
9:00 AM - 11:59 AM	122	0	136	0	166	0	119	0	145	0
Noon - 2:59 PM	96	0	118	0	84	0	110	0	93	0
3:00 PM - 5:59 PM	293	0	260	0	274	0	242	0	256	0
6:00 PM - 8:59 PM	843 †	0	764 †	0	748 †	0	741 †	0	690 †	0
9:00 PM - 11:59 PM	666	0	611	0	582	1	514	0	535	0
Unknown	0	0	0	0	0	0	0	0	0	0
Total	3,162	0	2,984	0	2,912	1	2,725	0	2,742	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 Thumb Area (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
Huron	1,482	4	143	1,335	0	0	618	864	38	2	937	4	197
Sanilac	1,382	6	129	1,247	0	0	611	771	38	10	980	6	194
Tuscola	1,628	5	269	1,354	0	0	573	1,055	62	18	825	5	371
Total	4,492	15	541	3,936	0	0	1,802	2,690	138	30	2,742	15	762

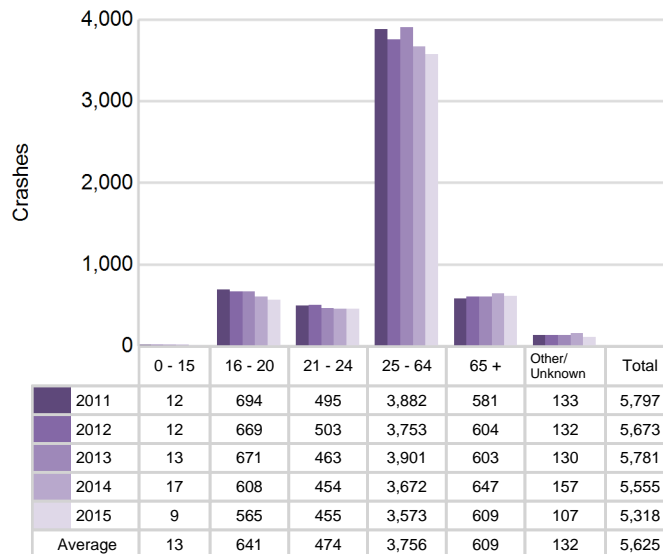
MSP Traffic Safety Network Thumb Area (continued)

9

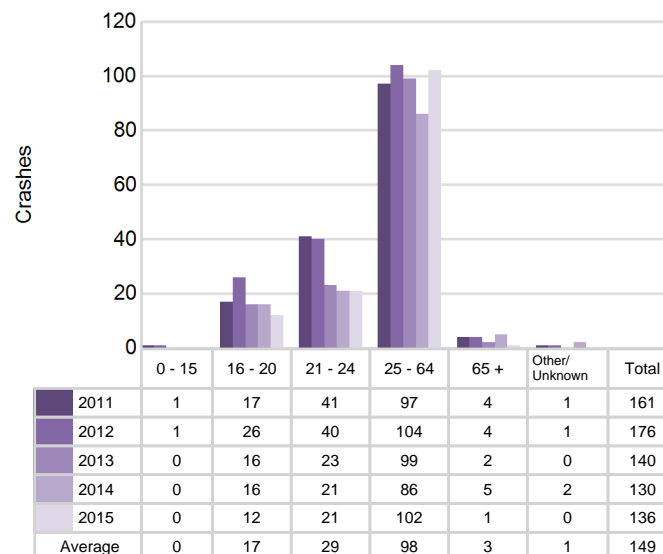
5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

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	12	1	12	1	13	0	17	0	9	0
16 - 20	694	17	669	26	671	16	608	16	565	12
21 - 24	495	41	503	40	463	23	454	21	455	21
25 - 64	3,882	97	3,753	104	3,901	99	3,672	86	3,573	102
65 +	581	4	604	4	603	2	647	5	609	1
Unknown	133	1	132	1	130	0	157	2	107	0
Total	5,797	161	5,673	176	5,781	140	5,555	130	5,318	136

5-Year Trend Total Drivers in Crashes by Age



5-Year Trend Total Drivers Coded Drinking by Age



MSP Traffic Safety Network Thumb Area (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	13	20	7	12	1	1	3	1	6
21 - 24	24	25	20	21	2	3	7	6	3
25 - 64	124	110	86	102	7	12	22	28	33
65 +	3	10	1	1	0	0	0	0	1
Unknown	2	0	0	0	0	0	0	0	0
Total	166	165	114	136	10	16	32	35	43

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 166 drivers in alcohol-involved crashes; 136 (81.9%) of those drivers were coded as had-been-drinking by the officer on the crash form.

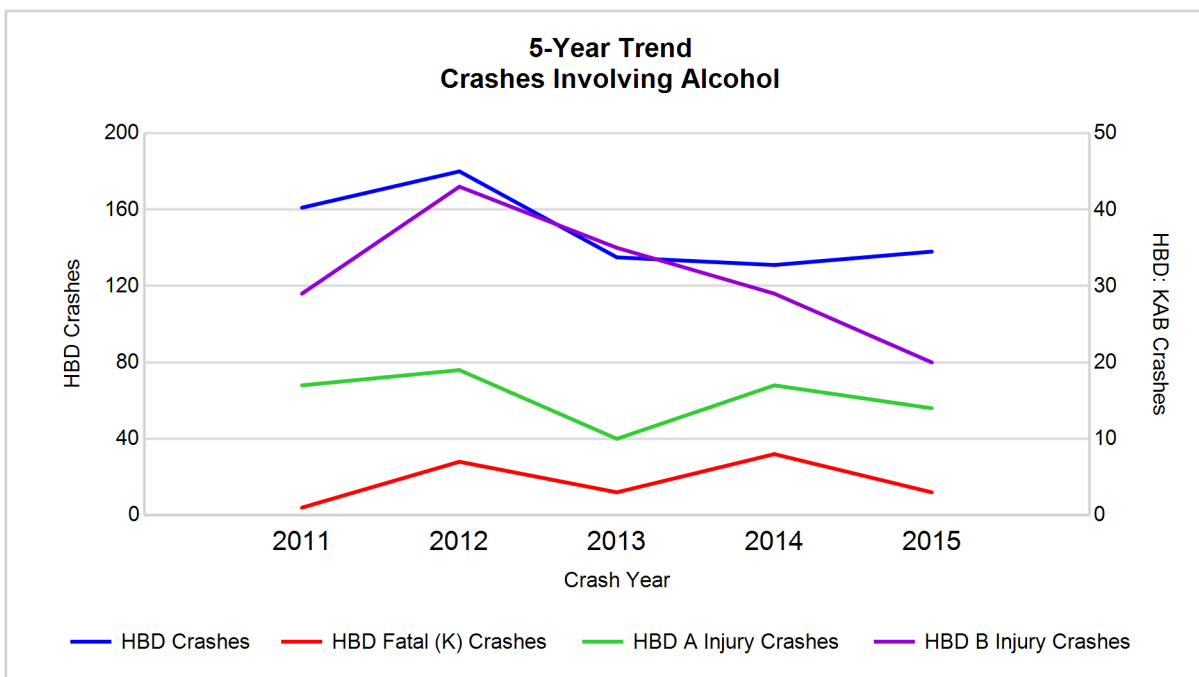
- 67 (49.3%) of the 136 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 35 (52.2%) of the 67 drivers had a BAC at or above 0.17 g/dL.
- 114 (83.8%) of the 136 drivers were coded as had-been-drinking and were tested for alcohol consumption.

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	4,964	161	3.2	9	1	11.1	70	17	24.3	173	29	16.8
2012	4,848	180	3.7	18	7	38.9	92	19	20.7	202	43	21.3
2013	4,856	135	2.8	14	3	21.4	60	10	16.7	216	35	16.2
2014	4,569	131	2.9	22	8	36.4	61	17	27.9	175	29	16.6
2015	4,492*	138	3.1	15	3	20.0	62	14	22.6	181	20*	11.0*

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



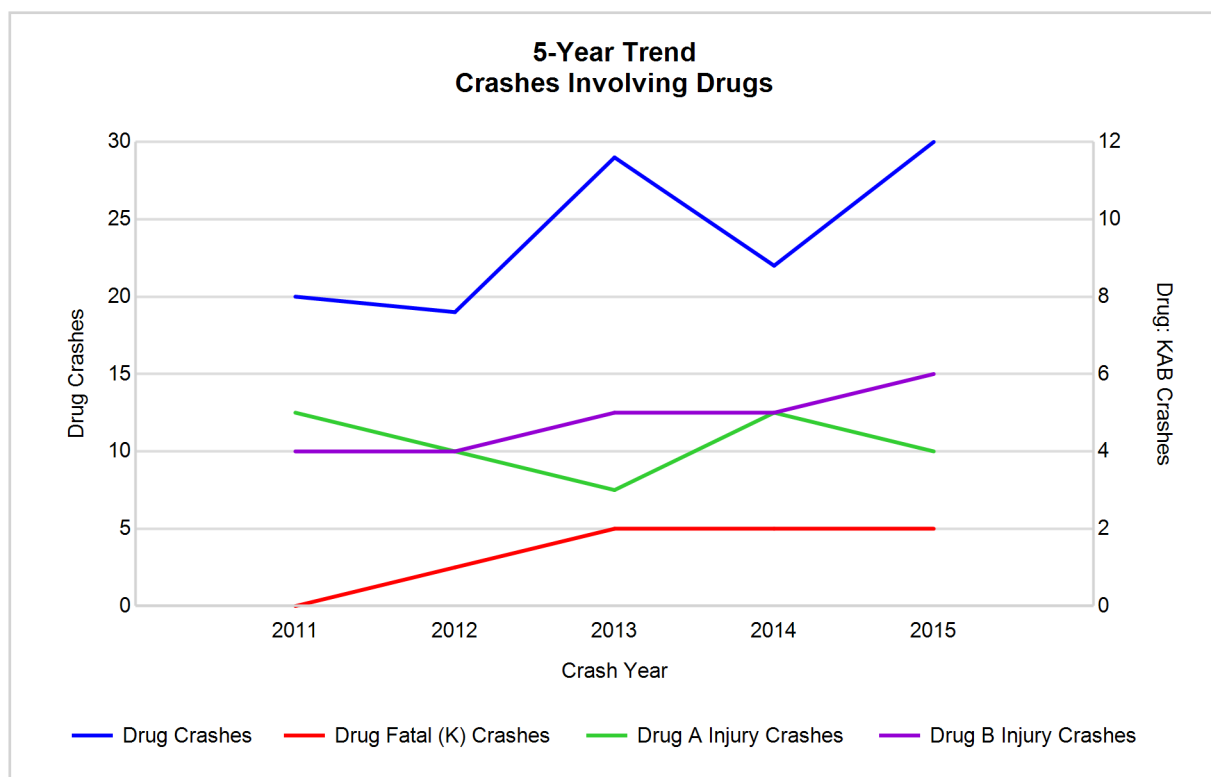
Note: Had-Been-Drinking (HBD)

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	4,964	20	0.4	9	0	0.0	70	5	7.1	173	4	2.3
2012	4,848	19	0.4	18	1	5.6	92	4	4.3	202	4	2.0
2013	4,856	29	0.6	14	2	14.3	60	3	5.0	216	5	2.3
2014	4,569	22	0.5	22	2	9.1	61	5	8.2	175	5	2.9
2015	4,492*	30**	0.7**	15	2	13.3	62	4	6.5	181	6**	3.3**

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



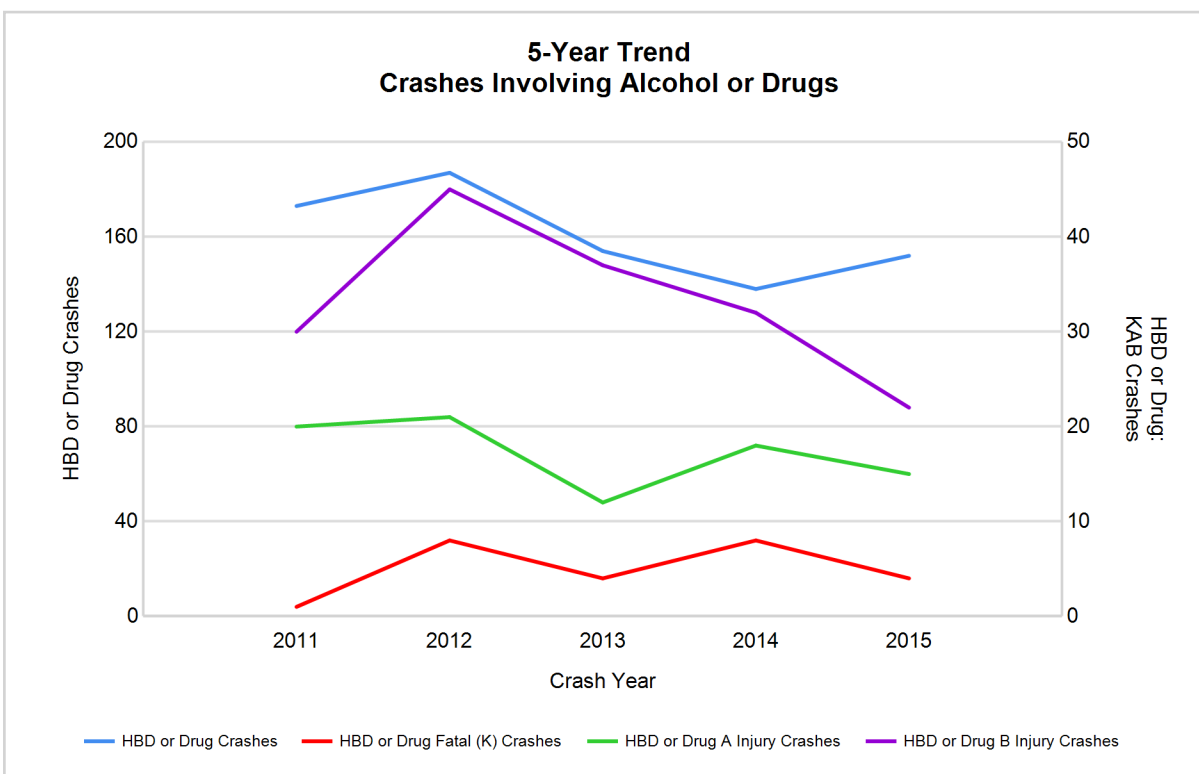
MSP Traffic Safety Network Thumb Area (continued)

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	4,964	173	3.5	9	1	11.1	70	20	28.6	173	30	17.3
2012	4,848	187	3.9	18	8	44.4	92	21	22.8	202	45	22.3
2013	4,856	154	3.2	14	4	28.6	60	12	20.0	216	37	17.1
2014	4,569	138	3.0	22	8	36.4	61	18	29.5	175	32	18.3
2015	4,492*	152	3.4	15	4	26.7	62	15	24.2	181	22*	12.2*

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	3,817	3,650	95.6	6	3	50.0	38	26	68.4	134	111	82.8	331	308	93.1	3,264	3,201	98.1
Van & motorhome	128	118	92.2	1	0	0.0	1	1	100.0	3	2	66.7	12	10	83.3	107	105	98.1
Pickup truck	1,272	1,192	93.7	0	0	0.0	14	5	35.7	47	38	80.9	75	69	92.0	1,109	1,080	97.4
Small truck under 10,000 lbs. GVWR	39	35	89.7	0	0	0.0	1	0	0.0	2	1	50.0	0	0	0.0	35	34	97.1
Cycle	68	49	72.1	1	1	100.0	9	8	88.9	20	16	80.0	19	12	63.2	19	12	63.2
Moped	3	0	0.0	0	0	0.0	1	0	0.0	1	0	0.0	0	0	0.0	1	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	3	3	100.0	0	0	0.0	1	1	100.0	2	2	100.0	0	0	0.0	0	0	0.0
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	16	3	18.8	1	0	0.0	2	0	0.0	6	1	16.7	6	2	33.3	1	0	0.0
Other	40	20	50.0	2	0	0.0	0	0	0.0	2	1	50.0	0	0	0.0	35	19	54.3
Truck/bus over 10,000 lbs.	108	98	90.7	1	0	0.0	1	0	0.0	5	3	60.0	6	6	100.0	94	89	94.7
Unknown	24	2	8.3	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	2	1	50.0
Total	5,518	5,170	93.7	12	4	33.3	68	41	60.3	223	176	78.9	449	407	90.6	4,667	4,541	97.3

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	56	47	83.9	0	0	0.0	1	0	0.0	18	12	66.7	33	31	93.9	4	4	100.0
16 - 20	612	571	93.3	0	0	0.0	12	8	66.7	48	34	70.8	82	71	86.6	470	458	97.4
21 - 24	469	450	95.9	0	0	0.0	9	6	66.7	26	20	76.9	44	41	93.2	390	383	98.2
25 - 64	3,644	3,494	95.9	8	3	37.5	38	22	57.9	108	89	82.4	248	226	91.1	3,240	3,154	97.3
65 +	629	606	96.3	4	1	25.0	8	5	62.5	22	20	90.9	42	38	90.5	553	542	98.0
Unknown	108	2	1.9	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	10	0	0.0
Total	5,518	5,170	93.7	12	4	33.3	68	41	60.3	223	176	78.9	449	407	90.6	4,667	4,541	97.3

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.

MSP Traffic Safety Network Thumb Area (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	33	0	4	44	0	5	42	0	3	29	0	6	48	1	2
Shoulder belt only used	4	0	0	4	0	0	8	0	0	7	0	1	6	0	0
Lap belt only used	15	0	0	23	0	2	33	0	10	36	0	3	31	0	1
Both lap & shoulder belts used	5,398	6	437	5,239	5	469	5,383	6	495	5,142	8	456	4,923	3	430
No belts used	68	1	27	74	7	33	57	3	29	68	7	31	63	4	32
Child restraint used	0	0	0	0	0	0	0	0	0	0	0	0	1	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	2	0	0	0	0	0	1	0	0	1	0	0	3	0	0
Restraint use unknown	70	0	21	84	1	22	67	1	17	46	2	8	58	2	18
Helmet worn	61	1	46	49	1	40	33	0	22	39	1	24	50	1	37
Helmet not worn	10	1	7	26	0	25	23	2	17	20	0	14	23	1	16
Helmet use unknown	3	0	2	7	0	6	6	0	3	8	0	5	7	0	4
Uncoded & errors	133	0	0	123	0	0	128	0	0	159	0	0	105	0	0
Total	5,797	9	544	5,673	14	602	5,781	12	596	5,555	18	548	5,318	12	540

5-Year Trend - Restraint Use Among Drivers Coded Drinking

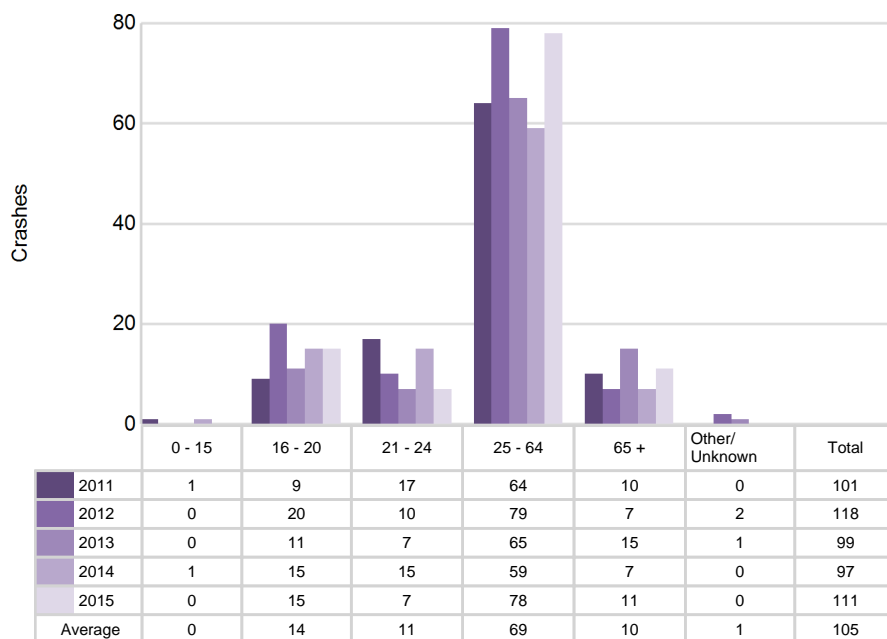
Restraint Use	2011			2012			2013			2014			2015		
	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers	Drivers	Fatal Drivers	Injured Drivers
No belts available	2	0	1	2	0	1	1	0	0	0	0	0	0	0	0
Shoulder belt only used	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lap belt only used	1	0	0	1	0	0	0	0	0	1	0	1	1	0	0
Both lap & shoulder belts used	102	0	32	114	1	42	104	1	38	87	1	42	91	0	23
No belts used	20	0	18	21	4	13	13	1	11	20	4	13	13	2	10
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	26	0	8	27	0	11	20	0	6	15	1	3	24	0	9
Helmet worn	5	0	4	1	0	1	0	0	0	1	0	0	0	0	0
Helmet not worn	3	1	2	7	0	7	1	0	1	4	0	4	6	1	2
Helmet use unknown	0	0	0	2	0	2	1	0	1	0	0	0	1	0	1
Uncoded & errors	1	0	0	1	0	0	0	0	0	2	0	0	0	0	0
Total	161	1	65	176	5	77	140	2	57	130	6	63	136	3	45

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	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0
16 - 20	9	1	2	20	1	8	11	0	6	15	2	3	15	0	9
21 - 24	17	0	12	10	2	6	7	1	1	15	0	9	7	0	1
25 - 64	64	0	13	79	2	23	65	2	22	59	4	24	78	3	23
65 +	10	0	3	7	2	1	15	0	3	7	1	1	11	2	1
Unknown	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0
Total	101	1	31	118	7	38	99	3	32	97	7	37	111	5	34

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

5-Year Trend Driver Seatbelt Not Used



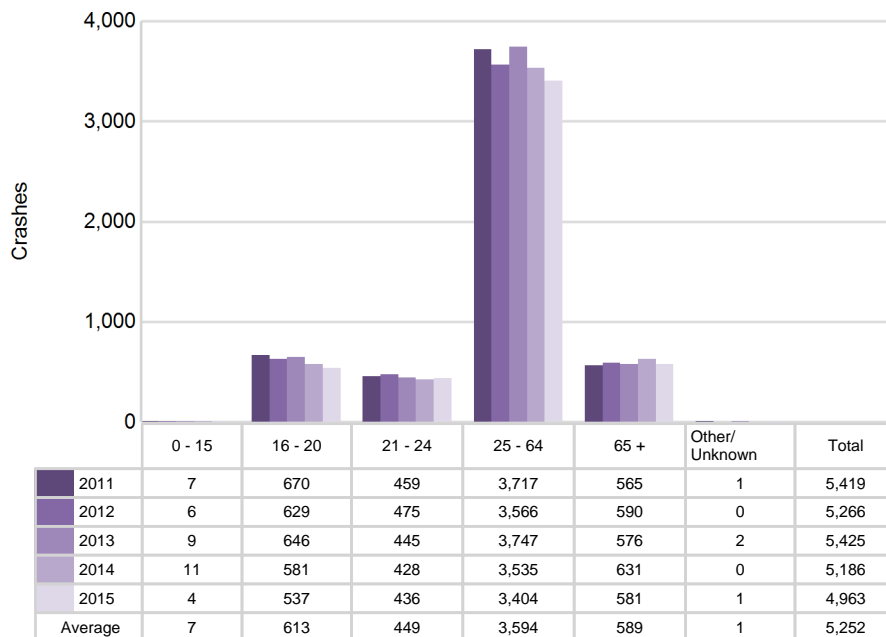
MSP Traffic Safety Network Thumb Area (continued)

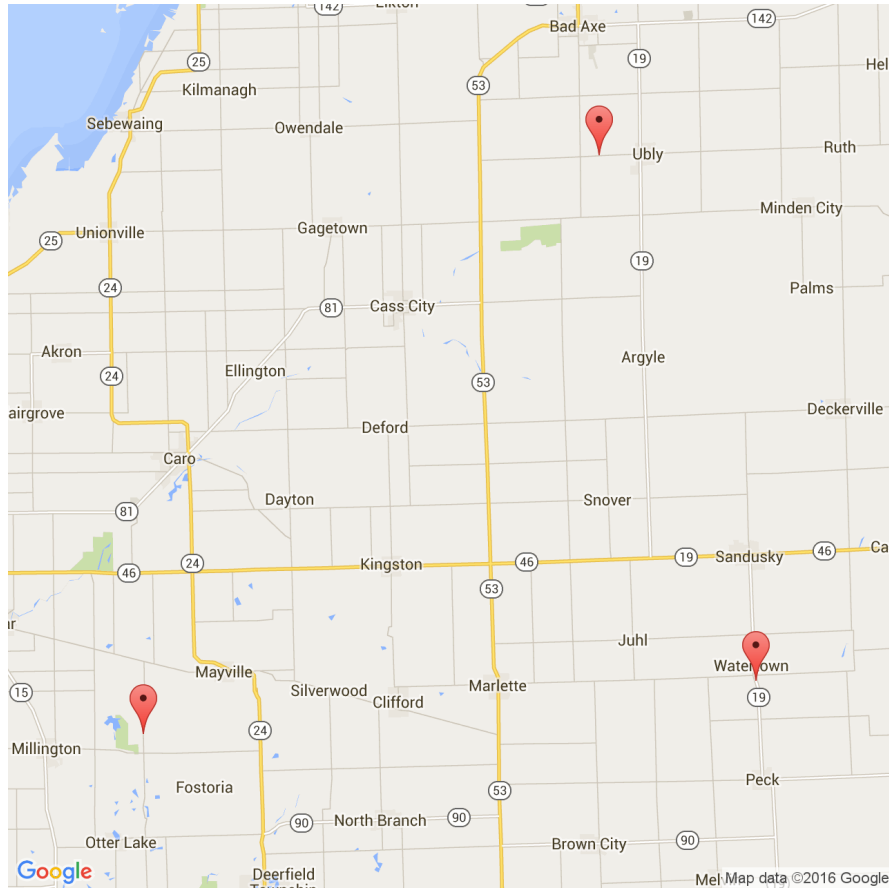
5-Year Trend - Seatbelt Used Among Drivers by Age

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	7	0	2	6	0	2	9	0	2	11	0	2	4	0	0
16 - 20	670	0	85	629	0	91	646	2	110	581	0	92	537	0	79
21 - 24	459	1	55	475	1	58	445	0	42	428	1	46	436	0	54
25 - 64	3,717	2	259	3,566	2	264	3,747	3	287	3,535	5	258	3,404	2	256
65 +	565	3	36	590	2	56	576	1	64	631	2	62	581	1	42
Unknown	1	0	0	0	0	0	2	0	0	0	0	0	1	0	0
Total	5,419	6	437	5,266	5	471	5,425	6	505	5,186	8	460	4,963	3	431

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 Thumb Area.

In 2015, there were 138 alcohol-involved crashes in TSN Thumb Area:

- 3 K - Fatal Crashes
- 14 A - Incapacitating Injury Crashes
- 20 B - Non-incapacitating Injury Crashes
- 21 C - Possible Injury Crashes
- 80 O - Property Damage Only/No Injury Crashes

Office of Highway Safety Planning

Physical Address:
7150 Harris Drive
Dimondale, Michigan 48821

Mailing Address:
P.O. Box 30634
Lansing, Michigan 48909

Phone: (517) 284-3140
Fax: (517) 284-3151

Find us on the web:
MichiganTrafficCrashFacts.org

