Office of Highway Safety Planning

2014



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.

<u>Units</u>

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)



Prosperity Region 5 - East Central

2014 Traffic Crash Data & 2010-2014 5-Year Trends

Prosperity Region 5 is comprised of Arenac, Bay, Clare, Gladwin, Gratiot, Isabella, Midland, and Saginaw counties. Trend tables for this report are based on those counties.

East Central Prosperity Region





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.



Prosperity Region 5 Experience

The 2014 comprehensive cost of traffic crashes was \$2,060,000,000.** Fatalities cost \$475,000,000, injuries cost \$915,000,000, and 'Property Damage Only' crashes cost \$670,000,000.

In 2014:

There were 26,163 drivers involved in 17,295 motor vehicle crashes in Prosperity Region 5. Of those crashes, 45 were classified as fatal, resulting in 48 fatalities. An additional 3,571 persons were injured.

Prosperity Region 5 experienced the highest number of motor vehicle crashes (2,213) in November, the highest number of fatal crashes (8) and the highest number of persons killed (8) in June.

Michigan driver statistics indicate 6.6 percent of licensed drivers in Prosperity Region 5 were age 16-20, and 12.5 percent of drivers in crashes were also in that age group.

2014 - Crashes and Injuries by Month

		Cra	shes		Pers	sons
Month	Total	Fatal	Injury	Property Damage Only (PDO)	Fatalities	Injuries
January	1,994	3	261	1,730	3	328
February	1,552	5	209	1,338	6	277
March	1,328	3	171	1,154	3	240
April	1,020	4	143	873	4	198
May	1,147	0	221	926	0	300
June	1,348	8	233	1,107	8	322
July	1,119	4	212	903	4	305
August	1,082	6	227	849	6	298
September	1,290	2	237	1,051	2	348
October	1,837	2	228	1,607	2	336
November	2,213	5	243	1,965	5	323
December	1,365	3	197	1,165	5	296
Total	17,295	45	2,582	14,668	48	3,571

2014 - Driver Statistics

		Statewide		Driver	Rates
Age Group	2014 Population	Licensed Drivers	Drivers in Crashes	Per 10k Population	Per 10k Licensed
0 - 15	103,662	2,877	38	3.7	132.1
16 - 20	43,448	26,732	3,265	751.5	1,221.4
21 - 24	38,285	27,646	2,980	778.4	1,077.9
25 - 64	284,967	261,011	15,660	549.5	600.0
65 +	97,953	88,808	2,922	298.3	329.0
Unknown			1,298		
Total	568,315	407,074	26,163	460.4	642.7

2014 - Vehicles in Crashes

	Motor Vel	nicles	Fatal Cr	ashes	Injury Crashes	PDO Crashes
Vehicle Type	Number of Vehicles	% of Total	Number	% of Total	Number	Number
Passenger car & station wagon	19,473	74.4	40	55.6	3,176	16,257
Van & motorhome	1,036	4.0	3	4.2	180	853
Pickup truck	4,080	15.6	17	23.6	623	3,440
Small truck under 10,000 lbs. GVWR	509	1.9	0	0.0	86	423
Cycle	171	0.7	4	5.6	126	41
Moped	17	0.1	0	0.0	16	1
Go Cart	0	0.0	0	0.0	0	0
Snowmobile	8	0.0	0	0.0	4	4
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	19	0.1	0	0.0	14	5
Other	92	0.4	0	0.0	15	77
Truck/bus over 10,000 lbs.	475	1.8	8	11.1	99	368
Unknown	283	1.1	0	0.0	24	259
Total	26,163	100.0	72	100.0	4,363	21,728

^{**} Cost estimates derived from the National Safety Council are approximations and have been rounded to the nearest \$5,000,000. With rounding, the total cost may not equal the sum of all crash types.

5-Year Trend - Crashes by Month

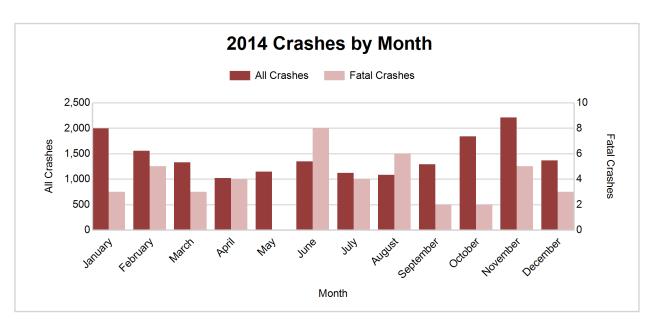
	201	10	201	1	201	12	201	13	2014	
Month	Total Crashes	Fatal Crashes								
January	1,677	4	1,842	3	1,804	1	1,624	4	1,994	3
February	1,793	5	1,607	5	1,590	3	1,626	4	1,552	5
March	1,141	5	1,347	3	1,118	9	1,372	5	1,328	3
April	1,155	2	1,184	8	1,013	3	1,208	2	1,020	4
Мау	1,405	9	1,246	10	1,300	4	1,342	8	1,147	0
June	1,415	3	1,399	5	1,237	4	1,247	5	1,348	8
July	1,282	10	1,272	7	1,148	6	1,111	7	1,119	4
August	1,294	7	1,192	9	1,135	7	1,191	4	1,082	6
September	1,439	5	1,389	6	1,378	9	1,357	5	1,290	2
October	2,074	8	1,954	9	1,848	10	1,770	3	1,837	2
November	1,897	6	2,106	3	1,916	5	2,252	3	2,213	5
December	2,080	3	1,643	3	1,607	5	2,026	4	1,365	3
Total	18,652	67	18,181	71	17,094	66	18,126	54	17,295	45

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

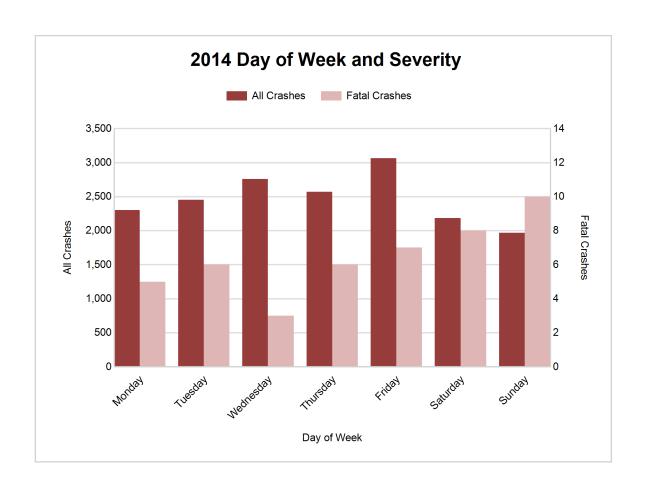
	201	0	2011		201	2012		3	2014	
Day	Total Crashes	Fatal Crashes								
Monday	2,792	9	2,614	10	2,299	7	2,710	6	2,300	5
Tuesday	2,777	12	2,843	14	2,432	12	2,754	6	2,454	6
Wednesday	2,887	6	2,587	5	2,405	6	2,583	6	2,756	3
Thursday	2,767	7	2,594	9	2,564	9	2,794	3	2,571	6
Friday	3,048 †	13	2,916 †	7	3,259 †	12	2,888 †	7	3,065 †	7
Saturday	2,337	13	2,503	16	2,129	10	2,324	16	2,182	8
Sunday	2,044	7	2,124	10	2,006	10	2,073	10	1,967	10
Total	18,652	67	18,181	71	17,094	66	18,126	54	17,295	45

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



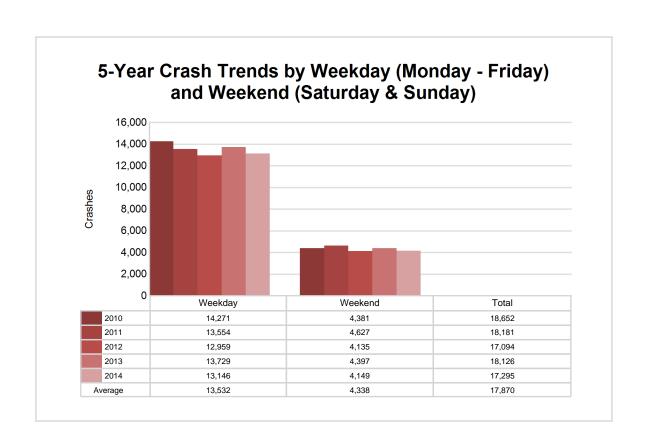
2014 - Crashes by Day of Week

	All Cra	ashes	Fatal C	rashes	lnj	ury Crash	ies	PDO Crashes
Day	Number	% of Total	Number	% of Fatal	Α	В	С	Number
Monday	2,300	13.3	5	11.1	22	73	226	1,974
Tuesday	2,454	14.2	6	13.3	31	80	223	2,114
Wednesday	2,756	15.9	3	6.7	37	97	300	2,319
Thursday	2,571	14.9	6	13.3	41	118	243	2,163
Friday	3,065	17.7	7	15.6	46	107	318	2,587
Saturday	2,182	12.6	8	17.8	27	101	209	1,837
Sunday	1,967	11.4	10	22.2	36	82	165	1,674
Total	17,295	100.0	45	100.0	240	658	1,684	14,668



5-Year Trend - Crashes by Weekday and Weekend

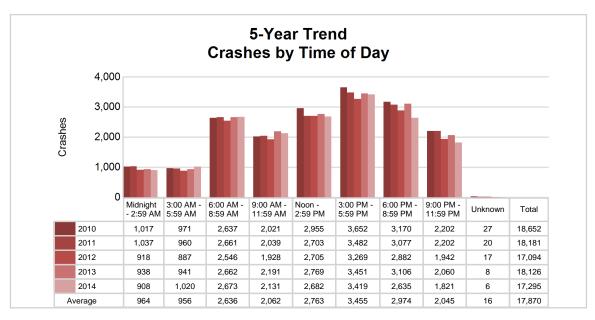
	201	10	2011		2012		201	13	2014		
Portion of Week	Total Crashes	Fatal Crashes									
Weekday	14,271	47	13,554	45	12,959	46	13,729	28	13,146	27	
Weekend	4,381	20	4,627	26	4,135	20	4,397	26	4,149	18	
Total	18,652	67	18,181	71	17,094	66	18,126	54	17,295	45	

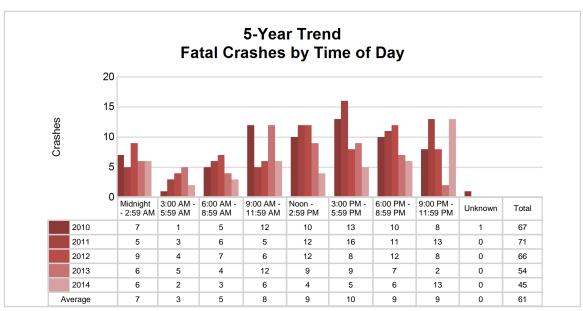


5-Year Trend - Crashes by Time of Day

			201	0	201	1	201	2	201	3	2014		
Time of D	ay		Total Crashes	Fatal Crashes									
Midnight	-	2:59 AM	1,017	7	1,037	5	918	9	938	6	908	6	
3:00 AM	-	5:59 AM	971	1	960	3	887	4	941	5	1,020	2	
6:00 AM	-	8:59 AM	2,637	5	2,661	6	2,546	7	2,662	4	2,673	3	
9:00 AM	-	11:59 AM	2,021	12	2,039	5	1,928	6	2,191	12	2,131	6	
Noon	-	2:59 PM	2,955	10	2,703	12	2,705	12	2,769	9	2,682	4	
3:00 PM	-	5:59 PM	3,652 †	13	3,482 †	16	3,269 †	8	3,451 †	9	3,419 †	5	
6:00 PM	-	8:59 PM	3,170	10	3,077	11	2,882	12	3,106	7	2,635	6	
9:00 PM	-	11:59 PM	2,202	8	2,202	13	1,942	8	2,060	2	1,821	13	
Unknown			27	1	20	0	17	0	8	0	6	0	
Total			18,652	67	18,181	71	17,094	66	18,126	54	17,295	45	

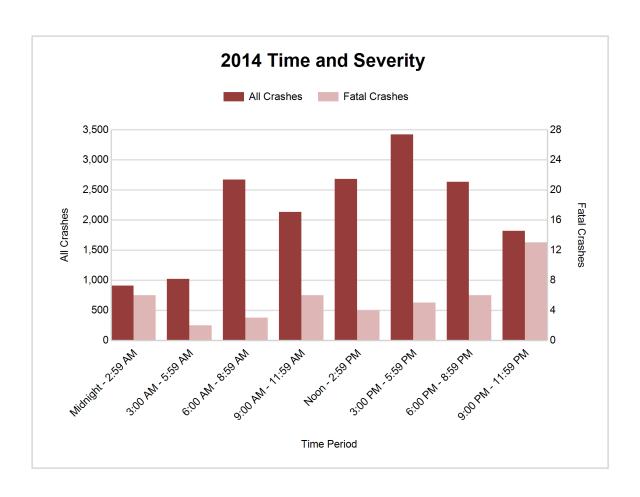
Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period





2014 - Time and Severity

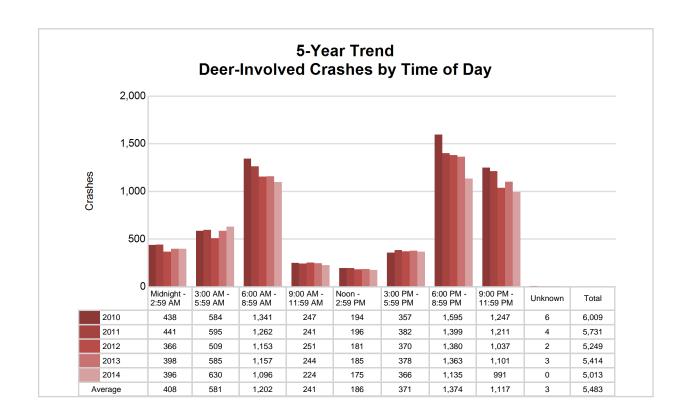
		<u> </u>							
		All Cra	ashes	Fatal C	crashes	lnj	ury Crash	es	PDO Crashes
Time of Da	ay	Number	% of Total	Number	% of Fatal	Α	В	С	Number
Midnight	- 2:59 AM	908	5.3	6	13.3	15	44	50	793
3:00 AM	- 5:59 AM	1,020	5.9	2	4.4	10	32	43	933
6:00 AM	- 8:59 AM	2,673	15.5	3	6.7	26	67	212	2,365
9:00 AM	- 11:59 AM	2,131	12.3	6	13.3	28	99	256	1,742
Noon	- 2:59 PM	2,682	15.5	4	8.9	42	139	362	2,135
3:00 PM	- 5:59 PM	3,419	19.8	5	11.1	62	126	430	2,796
6:00 PM	- 8:59 PM	2,635	15.2	6	13.3	31	81	213	2,304
9:00 PM	- 11:59 PM	1,821	10.5	13	28.9	26	70	118	1,594
Unknown		6	0.0	0	0.0	0	0	0	6
Total		17,295	100.0	45	100.0	240	658	1,684	14,668

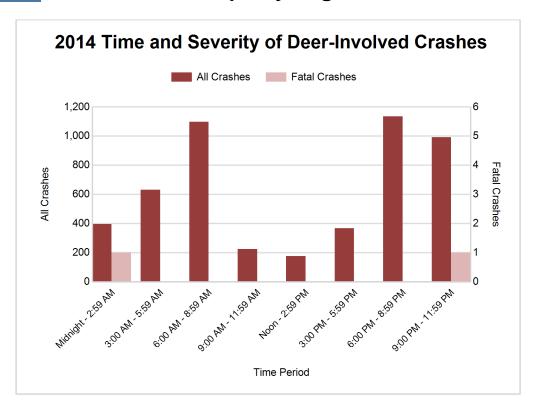


5-Year Trend - Deer-Involved Crashes by Time of Day

	20	10	20	11	20	12	20	13	20	14
Time of Day	Total Crashes	Fatal Crashes								
Midnight - 2:59 A	И 438	0	441	0	366	0	398	0	396	1
3:00 AM - 5:59 A	Л 584	0	595	1	509	0	585	0	630	0
6:00 AM - 8:59 A	Л 1,341	0	1,262	0	1,153	0	1,157	0	1,096	0
9:00 AM - 11:59 A	Л 247	0	241	0	251	0	244	0	224	0
Noon - 2:59 P	Л 194	0	196	0	181	0	185	0	175	0
3:00 PM - 5:59 P	И 357	0	382	0	370	1	378	0	366	0
6:00 PM - 8:59 P	И 1,595 †	1	1,399 †	0	1,380 †	0	1,363 †	0	1,135 †	0
9:00 PM - 11:59 P	Л 1,247	0	1,211	0	1,037	0	1,101	1	991	1
Unknown	6	0	4	0	2	0	3	0	0	0
Total	6,009	1	5,731	1	5,249	1	5,414	1	5,013	2

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



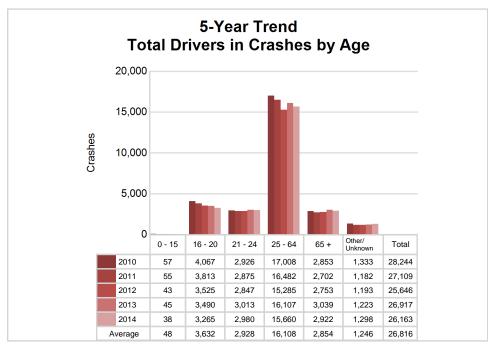


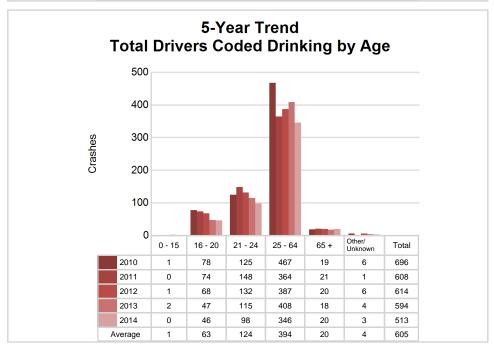
2014 - Reported Motor Vehicle Crashes by County

						Crashes	•					Persons	
County	Total	Fatal	Injury	Property Damage	Inter- state	US Route	State Route	Local Street	Alcohol- Involved	Drug- Involved	Deer- Involved	Fatalities	Injuries
Arenac	691	2	84	605	103	193	78	317	16	0	386	2	120
Bay	2,855	9	518	2,328	276	154	865	1,560	120	32	426	10	657
Clare	1,098	2	130	966	0	343	208	547	21	7	512	2	213
Gladwin	729	3	109	617	0	0	309	420	22	4	394	3	146
Gratiot	1,559	4	172	1,383	0	426	277	856	20	6	850	4	247
Isabella	2,603	11	310	2,282	0	677	337	1,589	67	12	823	12	467
Midland	2,472	6	363	2,103	0	301	419	1,752	67	10	791	6	480
Saginaw	5,288	8	896	4,384	577	0	1,918	2,793	194	41	831	9	1,241
Total	17,295	45	2,582	14,668	956	2,094	4,411	9,834	527	112	5,013	48	3,571

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

	20	10	20	11	20	12	20	13	2014		
Driver Age	Total Drivers in Crashes	Total Drivers Coded Drinking									
0 - 15	57	1	55	0	43	1	45	2	38	0	
16 - 20	4,067	78	3,813	74	3,525	68	3,490	47	3,265	46	
21 - 24	2,926	125	2,875	148	2,847	132	3,013	115	2,980	98	
25 - 64	17,008	467	16,482	364	15,285	387	16,107	408	15,660	346	
65 +	2,853	19	2,702	21	2,753	20	3,039	18	2,922	20	
Unknown	1,333	6	1,182	1	1,193	6	1,223	4	1,298	3	
Total	28,244	696	27,109	608	25,646	614	26,917	594	26,163	513	





2014 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

		Dri	vers		BACF	Result Ranç	ge for Drive	ers Coded	Drinking
Age Group	Total Drivers in Alcohol- Involved Crashes	Total Drivers Tested in all Crashes	Total Drivers Coded Drinking, Tested	Total Drivers Coded Drinking	BAC = 0.00	to	BAC 0.08 g/dL to 0.16 g/dL	BAC 0.17 g/dL and Above	BAC Not Reported
0 - 15	0	1	0	0	0	0	0	0	0
16 - 20	59	63	42	46	1	7	17	5	0
21 - 24	118	97	78	98	0	7	35	18	0
25 - 64	439	407	291	346	1	22	91	95	0
65 +	32	43	17	20	0	4	5	2	0
Unknown	40	0	0	3	0	0	0	0	0
Total	688	611	428	513	2	40	148	120	0

Notes: BAC measured in grams (g) per deciliter (dL).

BAC may not be reported if drivers are not tested or if the results are not available immediately (as in the case of a blood test). A driver may be coded by the officer as drinking even though no test is administered.

Alcohol-Involved Crashes

In 2014, there were 688 drivers in alcohol-involved crashes; 513 (74.6%) of those drivers were coded as had-been-drinking by the officer on the crash form.

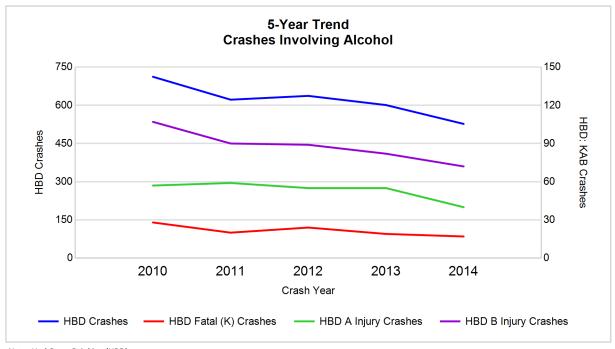
- 268 (52.2%) of the 513 drivers had a blood alcohol concentration (BAC) of 0.08 g/dL (grams per deciliter) or greater, and 120 (44.8%) of the 268 drivers had a BAC at or above 0.17 g/dL.
- 428 (83.4%) of the 513 drivers were coded as hadbeen-drinking and were tested for alcohol consumption.

5-Year Trend - Crashes Involving Alcohol

Year	All Crashes	HBD Crashes	% HBD	Fatal Crashes	HBD Fatal Crashes	% HBD	A Injury Crashes	HBD A Injury Crashes	% HBD	B Injury Crashes	HBD B Injury Crashes	% HBD
2010	18,652	712	3.8	67	28	41.8	292	57	19.5	787	107	13.6
2011	18,181	622	3.4	71	20	28.2	303	59	19.5	825	90	10.9
2012	17,094	637	3.7	66	24	36.4	295	55	18.6	720	89	12.4
2013	18,126	601	3.3	54	19	35.2	292	55	18.8	743	82	11.0
2014	17,295	527*	3.0*	45*	17*	37.8	240*	40*	16.7*	658*	72*	10.9

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

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



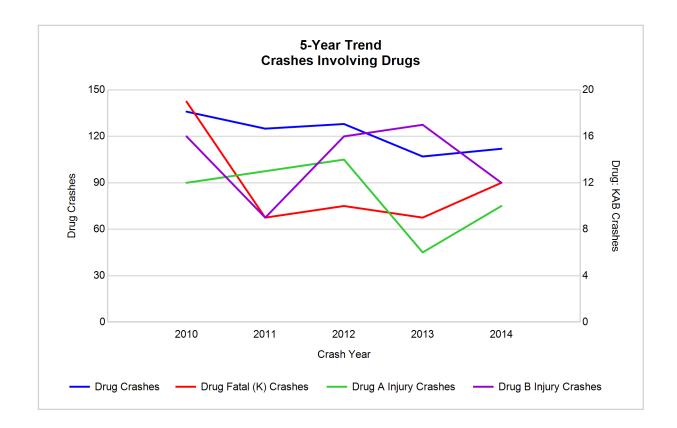
Note: Had-Been-Drinking (HBD)

5-Year Trend - Crashes Involving Drugs

Year	All Crashes	Drug Crashes	% Drug	Fatal Crashes	Drug Fatal Crashes	% Drug	A Injury Crashes	Drug A Injury Crashes	% Drug	B Injury Crashes	Drug B Injury Crashes	% Drug
2010	18,652	136	0.7	67	19	28.4	292	12	4.1	787	16	2.0
2011	18,181	125	0.7	71	9	12.7	303	13	4.3	825	9	1.1
2012	17,094	128	0.7	66	10	15.2	295	14	4.7	720	16	2.2
2013	18,126	107	0.6	54	9	16.7	292	6	2.1	743	17	2.3
2014	17,295	112	0.6	45*	12	26.7	240*	10	4.2	658*	12	1.8

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

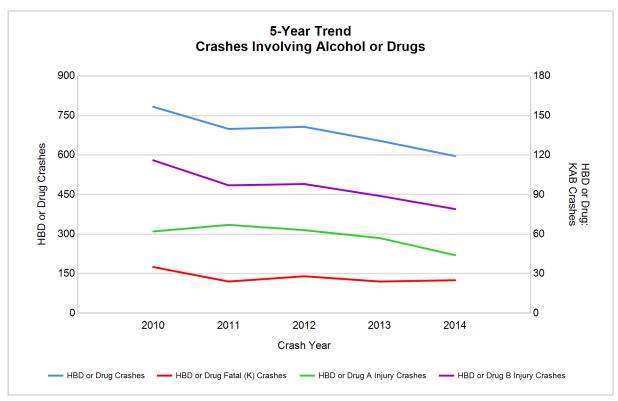
^{**} Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column



5-Year Trend - Crashes Involving Alcohol or Drugs

Year	All Crashes	HBD or Drug Crashes	% HBD or Drug	Fatal Crashes	HBD or Drug Fatal Crashes	% HBD or Drug	A Injury Crashes	HBD or Drug A Injury Crashes	% HBD or Drug	B Injury Crashes	HBD or Drug B Injury Crashes	% HBD or Drug
2010	18,652	783	4.2	67	35	52.2	292	62	21.2	787	116	14.7
2011	18,181	699	3.8	71	24	33.8	303	67	22.1	825	97	11.8
2012	17,094	707	4.1	66	28	42.4	295	63	21.4	720	98	13.6
2013	18,126	654	3.6	54	24	44.4	292	57	19.5	743	89	12.0
2014	17,295	596*	3.4*	45*	25	55.6**	240*	44*	18.3*	658*	79*	12.0

 $Note: {}^* \ Indicates \ that \ the \ most \ recent \ year \ is \ the \ lowest \ number \ or \ percentage \ reported \ in \ tha \ 5-year \ period \ in \ that \ column$



Note: Had-Been-Drinking (HBD)

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

2014 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Vehicle Type

	Tota	I Occupar	nts		Fatalities		A - Iı	ncapacitat	ing	B - No	n-incapacit	ating	C - P	ossible In	jury		No Injury	
Vehicle Type	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
Passenger car & station wagon	20,194	18,721	92.7	22	15	68.2	186	143	76.9	548	495	90.3	1,825	1,715	94.0	16,899	16,347	96.7
Van & motorhome	1,083	1,017	93.9	3	3	100.0	13	8	61.5	23	21	91.3	96	90	93.8	921	894	97.1
Pickup truck	4,215	3,817	90.6	13	2	15.4	41	25	61.0	103	87	84.5	278	256	92.1	3,608	3,444	95.5
Small truck under 10,000 lbs. GVWR	530	491	92.6	0	0	0.0	3	2	66.7	18	17	94.4	48	44	91.7	441	428	97.1
Cycle	185	130	70.3	4	1	25.0	27	16	59.3	65	48	73.8	43	30	69.8	43	35	81.4
Moped	19	7	36.8	0	0	0.0	4	2	50.0	8	1	12.5	6	3	50.0	1	1	100.0
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	8	5	62.5	0	0	0.0	1	0	0.0	0	0	0.0	3	2	66.7	3	3	100.0
Off-Road Vehicle (ORV) & All-Terrain Vehicle (ATV)	21	11	52.4	0	0	0.0	3	1	33.3	3	2	66.7	10	7	70.0	5	1	20.0
Other	92	61	66.3	0	0	0.0	2	0	0.0	2	2	100.0	4	2	50.0	76	57	75.0
Truck/bus over 10,000 lbs.	485	444	91.5	0	0	0.0	2	2	100.0	3	3	100.0	34	23	67.6	439	416	94.8
Unknown	284	2	0.7	0	0	0.0	0	0	0.0	1	1	100.0	0	0	0.0	9	0	0.0
Total	27,116	24,706	91.1	42	21	50.0	282	199	70.6	774	677	87.5	2,347	2,172	92.5	22,445	21,626	96.4

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

2014 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Age

	Tota	al Occupar	nts		Fatalities		A - Iı	ncapacitat	ing	B - No	n-incapacit	ating	C - P	ossible In	jury		No Injury	
Age Group	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%	Total	Used Restraint	%
0 - 15	292	252	86.3	1	0	0.0	13	8	61.5	57	51	89.5	197	169	85.8	24	24	100.0
16 - 20	3,404	3,277	96.3	4	1	25.0	41	28	68.3	123	111	90.2	304	286	94.1	2,926	2,849	97.4
21 - 24	3,070	2,905	94.6	3	1	33.3	25	15	60.0	111	97	87.4	272	248	91.2	2,653	2,544	95.9
25 - 64	16,036	15,348	95.7	25	14	56.0	162	114	70.4	392	331	84.4	1,281	1,191	93.0	14,154	13,693	96.7
65 +	3,016	2,906	96.4	9	5	55.6	41	34	82.9	91	87	95.6	292	277	94.9	2,581	2,502	96.9
Unknown	1,298	18	1.4	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0	107	14	13.1
Total	27,116	24,706	91.1	42	21	50.0	282	199	70.6	774	677	87.5	2,347	2,172	92.5	22,445	21,626	96.4

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

5-Year Trend - Restraint Use Among Drivers

		2010			2011			2012			2013			2014	
Restraint Use	Drivers	Fatal Drivers	Injured Drivers												
No belts available	172	0	29	148	0	20	138	1	23	143	0	30	208	0	23
Shoulder belt only used	24	0	4	32	1	5	27	0	4	12	0	1	38	0	4
Lap belt only used	83	2	6	76	0	7	70	0	11	94	0	12	172	1	14
Both lap & shoulder belts used	25,671	26	2,425	24,754	24	2,534	23,282	28	2,295	24,565	12	2,285	23,535	15	2,121
No belts used	163	12	80	187	15	80	203	17	89	160	11	82	196	11	77
Child restraint used	0	0	0	2	0	0	1	0	0	1	0	0	0	0	0
Child restraint not used, unavailable or improper use	5	0	0	1	0	0	0	0	0	1	0	0	2	0	0
Restraint failure	5	0	1	5	1	0	5	0	2	1	0	0	9	0	2
Restraint use unknown	1,032	3	74	988	1	74	1,032	1	96	1,067	2	58	808	2	67
Helmet worn	224	9	150	220	9	159	166	2	119	165	6	116	140	1	99
Helmet not worn	25	0	19	23	2	18	79	5	63	76	7	55	57	2	44
Helmet use unknown	4	0	2	7	0	5	12	0	6	7	0	4	10	1	6
Uncoded & errors	836	0	10	666	0	2	631	0	6	625	0	1	988	0	2
Total	28,244	52	2,800	27,109	53	2,904	25,646	54	2,714	26,917	38	2,644	26,163	33	2,459

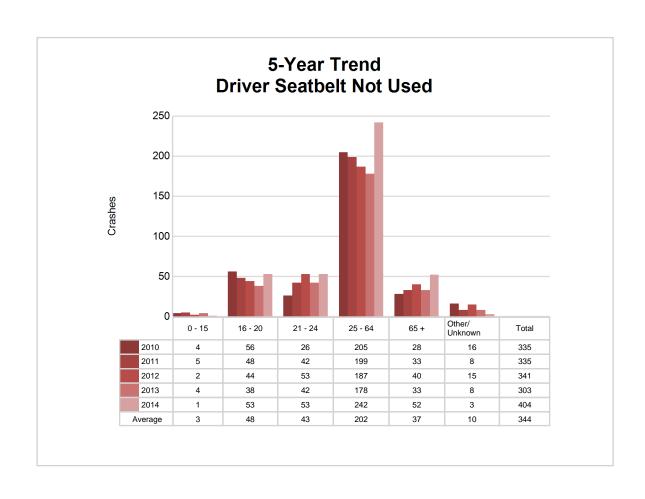
5-Year Trend - Restraint Use Among Drivers Coded Drinking

o real frema						9									
		2010			2011			2012			2013			2014	
Restraint Use	Drivers	Fatal Drivers	Injured Drivers												
No belts available	7	0	2	7	0	4	5	1	3	10	0	7	7	0	2
Shoulder belt only used	1	0	1	2	0	2	0	0	0	0	0	0	0	0	0
Lap belt only used	1	0	0	1	0	0	1	0	1	1	0	0	3	0	2
Both lap & shoulder belts used	515	9	127	437	5	134	418	5	102	436	1	104	379	3	82
No belts used	47	4	31	46	7	25	48	5	28	40	7	24	30	4	21
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	1	0	1
Restraint use unknown	94	1	27	91	1	29	106	1	31	73	0	20	82	1	25
Helmet worn	21	6	14	15	2	8	9	0	8	10	1	9	4	0	1
Helmet not worn	6	0	5	6	0	6	17	2	15	21	5	13	5	1	3
Helmet use unknown	0	0	0	0	0	0	3	0	3	1	0	1	1	0	1
Uncoded & errors	4	0	1	3	0	0	7	0	1	2	0	0	1	0	0
Total	696	20	208	608	15	208	614	14	192	594	14	178	513	9	138

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

		2010			2011			2012			2013			2014	
Age Group	Drivers	Fatal Drivers	Injured Drivers												
0 - 15	4	0	3	5	0	2	2	0	1	4	0	2	1	1	0
16 - 20	56	1	26	48	1	17	44	2	17	38	1	16	53	2	14
21 - 24	26	1	7	42	1	19	53	3	18	42	1	22	53	1	19
25 - 64	205	8	68	199	12	52	187	8	65	178	6	59	242	4	57
65 +	28	2	5	33	1	10	40	5	11	33	3	11	52	3	10
Unknown	16	0	0	8	0	0	15	0	0	8	0	2	3	0	0
Total	335	12	109	335	15	100	341	18	112	303	11	112	404	11	100

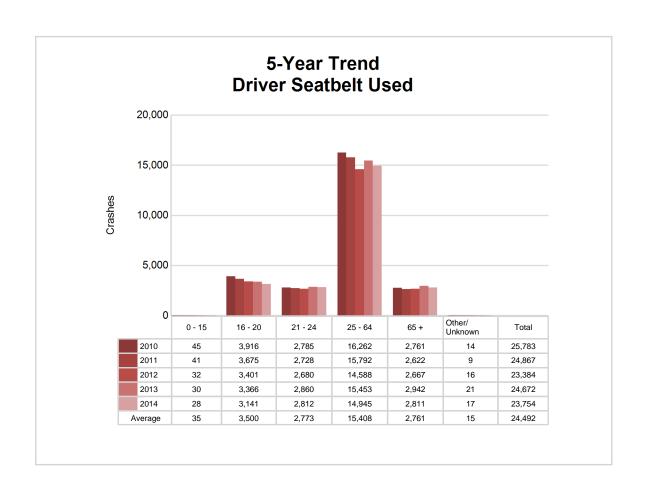
Note: Seatbelt Not Used includes no belts available or no belts used.



5-Year Trend - Seatbelt Used Among Drivers by Age

		2010			2011			2012			2013			2014	
Age Group	Drivers	Fatal Drivers	Injured Drivers												
0 - 15	45	1	6	41	0	6	32	0	4	30	0	3	28	0	5
16 - 20	3,916	3	385	3,675	2	416	3,401	3	355	3,366	0	335	3,141	1	294
21 - 24	2,785	2	285	2,728	6	257	2,680	2	264	2,860	1	272	2,812	1	274
25 - 64	16,262	13	1,457	15,792	8	1,552	14,588	14	1,380	15,453	6	1,402	14,945	10	1,262
65 +	2,761	9	303	2,622	10	315	2,667	9	308	2,942	5	286	2,811	4	305
Unknown	14	0	0	9	0	0	16	0	1	21	0	0	17	0	1
Total	25,783	28	2,436	24,867	26	2,546	23,384	28	2,312	24,672	12	2,298	23,754	16	2,141

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





The picture above represents all 2014 alcohol-involved fatal crashes in Prosperity Region 5.

In 2014, there were 527 alcohol-involved crashes in Prosperity Region 5:

- 17 K Fatal Crashes
- 40 A Incapacitating Injury Crashes
- 72 B Non-incapacitating Injury Crashes
- 62 C Possible Injury Crashes
- 336 O Property Damage Only/No Injury Crashes

Office of Highway Safety Planning

333 South Grand Avenue P.O. Box 30634 Lansing, Michigan 48909 Phone: (517) 241-2500 Fax: (517) 241-2501

Find us on the web: MichiganTrafficCrashFacts.org

