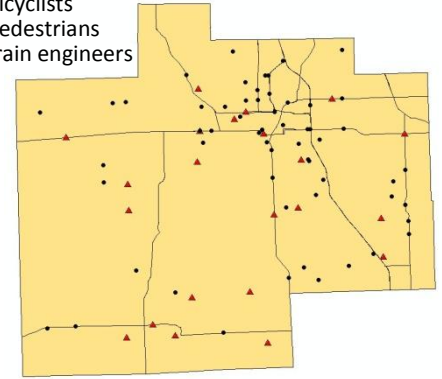


Crash and Injuries by Month

Month	Crashes				Persons	
	Total	Fatal	Injury	Property Damage Only	Fatality	Injury
January	518	0	83	435	0	112
February	482	1	75	406	1	103
March	358	2	72	284	3	110
April	333	1	69	263	1	110
May	384	1	90	293	1	131
June	374	1	84	289	1	135
July	348	2	78	268	2	120
August	375	2	93	280	2	131
September	438	4	88	346	4	124
October	487	5	91	391	5	127
November	516	3	60	453	3	81
December	473	1	60	412	1	91
TOTAL	5,086	23	943	4,120	24	1,375

In Saginaw County in 2012 there were:

- 5,086** crashes
- Involving:**
- 10,140** people
- 10,063** motor vehicle drivers and passengers
- 27** bicyclists
- 47** pedestrians
- 3** train engineers



Crashes by most severe injury (mapped/actual)
 ▲ Fatal (23/23)
 ● Incapacitating (A) (59/59)

Driver Statistics

Age Group				Drivers in Crashes	
	2011* Population	Licensed Drivers	Drivers in Crashes	Per 10K Population	Per 10K Licensed
0 - 15	40,045	1,018	13	3.2	127.7
16 - 20	15,783	9,428	1,099	696.3	1165.7
21 - 64	112,199	100,314	5,895	525.4	587.7
65 +	31,061	27,727	928	298.8	334.7
Other/Unknown	--	--	390	--	--
TOTAL	199,088	138,487	8,325	418.2	601.1

*2012 Population of Michigan Counties (by single-year of age) not yet available from U.S. Census Bureau

Vehicles in Crashes

Vehicle Type	Motor Vehicles		Fatal Crash		Injury Crash	PDO Crash
	Number of Vehicles	% of Total	Number of Vehicles	% of Total		
Passenger car & station wagon	6,349	76.3	29	70.7	1,234	5,086
Van, motorhome	405	4.9	2	4.9	99	304
Pickup truck	1,099	13.2	8	19.5	200	891
Small truck under 10,000 lbs. GVWR	153	1.8	0	0.0	26	127
Cycle	84	1.0	1	2.4	57	26
Moped	10	0.1	0	0.0	5	5
Go Cart	0	0.0	0	0.0	0	0
Snowmobile	0	0.0	0	0.0	0	0
Off-Road Vehicle (ORV) / All-Terrain Vehicle (ATV)	1	0.0	0	0.0	0	1
Other	24	0.3	0	0.0	7	17
Truck/bus over 10,000 lbs.	131	1.6	1	2.4	26	104
Unknown	69	0.8	0	0.0	19	50
TOTAL	8,325	100.0	41	100.0	1,673	6,611

Saginaw County Experience

Saginaw County experienced the highest number of fatal crashes (5) and the highest number of persons killed (5) in October.

Saginaw County driver statistics indicate 6.8 percent of licensed drivers were age 16-20, and 13.2 percent of drivers in that age group were involved in crashes.



Crash Type								
	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	
Single Vehicle	2,005	39.4	7	30.4	23	82	176	1,717
Head On	52	1.0	5	21.7	6	9	7	25
Head On - Left Turn	111	2.2	0	0.0	6	14	30	61
Angle	1,076	21.2	8	34.8	15	52	230	771
Rear End	1,004	19.7	0	0.0	3	20	163	818
Rear End - Left Turn	44	0.9	0	0.0	2	4	6	32
Rear End - Right Turn	42	0.8	0	0.0	0	1	4	37
Sideswipe - Same Direction	393	7.7	0	0.0	0	8	24	361
Sideswipe - Opposite Direct	100	2.0	1	4.3	1	4	5	89
Other/Unknown	259	5.1	2	8.7	3	12	33	209
Total	5,086	100.0	23	100.0	59	206	678	4,120

Relationship to Roadway								
Location of First Impact	All Crashes		Fatal Crashes		Injury Crashes			PDO Crashes
	Number	% of Total	Number	% of Fatal	A	B	C	
On Road	4,202	82.6	18	78.3	43	161	549	3,431
Median	58	1.1	0	0.0	1	1	11	45
Shoulder	250	4.9	1	4.3	2	15	29	203
Outside of Shoulder/Curb	479	9.4	4	17.4	11	22	75	367
Gore	33	0.6	0	0.0	0	3	7	23
Other/Unknown	64	1.3	0	0.0	2	4	7	51
Total	5,086	100.0	23	100.0	59	206	678	4,120

Crashes and Injuries by Municipality

Municipality	Total				Alcohol-involved				Speed-related			
	Crashes		Persons		Crashes		Persons		Crashes		Persons	
	Total	Fatal	Fatality	Injury	Total	Fatal	Fatality	Injury	Total	Fatal	Fatality	Injury
Albee Twp.	36	1	1	13	4	1	1	3	12	1	1	5
Birch Run	81	0	0	17	1	0	0	0	8	0	0	0
Birch Run Twp.	189	1	1	60	8	0	0	4	53	0	0	13
Blumfield Twp.	58	2	2	39	3	0	0	2	17	0	0	3
Brady Twp.	53	1	1	9	3	1	1	0	11	1	1	5
Brant Twp.	45	0	0	5	2	0	0	1	8	0	0	1
Bridgeport Twp.	286	2	2	85	12	1	1	6	69	1	1	16
Buena Vista Twp.	287	1	2	97	10	0	0	14	60	1	1	23
Carrollton Twp.	63	0	0	10	8	0	0	3	6	0	0	0
Chapin Twp.	40	0	0	5	0	0	0	0	5	0	0	2
Chesaning	36	1	1	5	2	1	1	0	1	1	1	0
Chesaning Twp.	68	1	1	11	3	0	0	1	9	0	0	1
Frankenmuth	79	0	0	14	4	0	0	0	7	0	0	1
Frankenmuth Twp.	63	1	1	12	2	0	0	0	13	0	0	2
Fremont Twp.	75	2	2	19	3	1	1	2	16	2	2	3
James Twp.	39	1	1	5	4	1	1	2	6	0	0	1
Jonesfield Twp.	28	0	0	6	3	0	0	2	3	0	0	1
Kochville Twp.	190	0	0	52	7	0	0	1	25	0	0	7
Lakefield Twp.	50	0	0	8	1	0	0	0	6	0	0	4
Maple Grove Twp.	62	1	1	12	3	0	0	2	8	1	1	2
Marion Twp.	28	0	0	2	0	0	0	0	3	0	0	1
Merrill	12	0	0	3	0	0	0	0	0	0	0	0
Oakley	4	0	0	2	2	0	0	2	1	0	0	1
Richland Twp.	111	1	1	17	1	0	0	0	10	0	0	3
Saginaw	1,288	1	1	354	49	1	1	25	77	0	0	11
Saginaw Twp.	964	3	3	315	28	1	1	17	63	0	0	9
St. Charles	22	0	0	1	0	0	0	0	1	0	0	0
St. Charles Twp.	69	1	1	20	2	0	0	2	12	0	0	4
Spaulding Twp.	39	1	1	10	2	0	0	0	3	0	0	1
Swan Creek Twp.	64	0	0	16	3	0	0	0	3	0	0	1
Taymouth Twp.	98	0	0	24	8	0	0	6	29	0	0	8
Thomas Twp.	276	1	1	71	13	0	0	3	38	0	0	11
Tittabawassee Twp.	218	0	0	42	11	0	0	2	32	0	0	1
Zilwaukee	31	0	0	5	1	0	0	0	10	0	0	0
Zilwaukee Twp.	34	0	0	9	0	0	0	0	17	0	0	5
Unknown Community	0	0	0	0	0	0	0	0	0	0	0	0
Saginaw County TOTAL	5,086	23	24	1,375	203	8	8	100	642	8	8	146

Bodily Alcohol Concentration (BAC) Results among All Vehicle Drivers in Alcohol-involved Crashes by Age

Age group	Total drivers in alcohol-involved crashes	Total drivers tested in all crashes	Total drivers coded drinking, tested	BAC Result Range for Drivers Coded Drinking					
				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	24	15	12	17	0	1	5	3	8
21 - 64	232	173	137	173	0	4	29	48	92
65 +	13	11	5	5	0	0	1	2	2
Other/Unknown	21	1	0	4	0	0	0	0	4
TOTAL	290	200	154	199	0	5	35	53	106

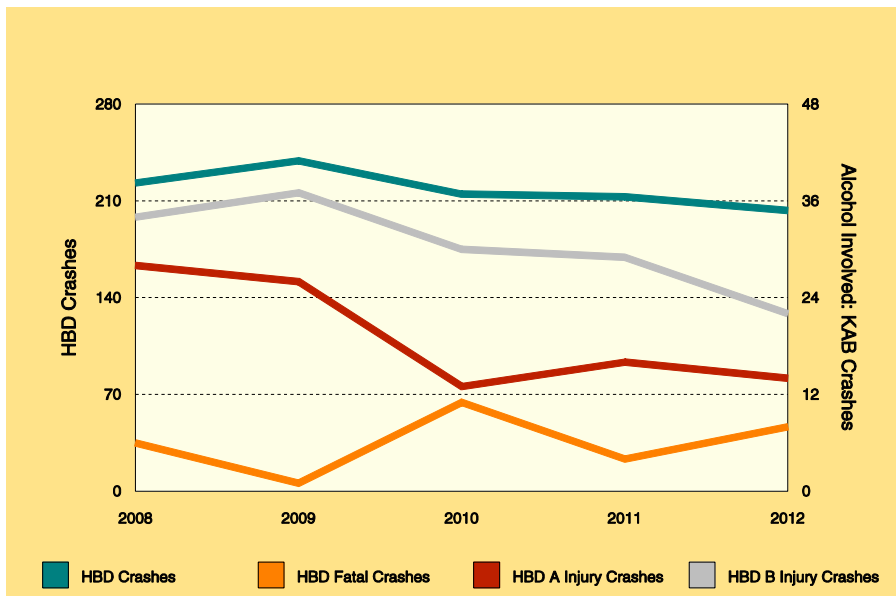
Notes:

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.

Crashes Involving Alcohol



Note: Had-Been-Drinking (HBD)

SAGINAW	All Crashes	HBD Crashes	% HBD	All Fatal Crashes	HBD Fatal Crashes	% HBD	Total A Injury Crashes	HBD A Injury Crashes	% HBD	Total B Injury Crashes	HBD B Injury Crashes	% HBD
2008	6,206	223	3.6	24	6	25.0	104	28	26.9	268	34	12.7
2009	5,868	239	4.1	8	1	12.5	91	26	28.6	239	37	15.5
2010	5,874	215	3.7	23	11	47.8	73	13	17.8	260	30	11.5
2011	5,566	213	3.8	21	4	19.0	80	16	20.0	273	29	10.6
2012	5,086*	203*	4.0	23	8	34.8	59*	14	23.7	206*	22*	10.7

* Lowest number/percentage reported in the 5-year period.

**Bodily Alcohol Concentration (BAC) Results among All Vehicle Drivers
in Alcohol-involved Crashes by Municipality**

Municipality	Total drivers in alcohol- involved crashes	Total drivers tested in all crashes	Total drivers coded drinking, tested	BAC Result Range for Drivers Coded Drinking					
				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
Albee Twp.	4	2	1	4	0	0	0	0	4
Birch Run	2	1	1	1	0	0	0	1	0
Birch Run Twp.	10	6	5	8	0	1	0	4	3
Blumfield Twp.	6	7	3	3	0	0	1	1	1
Brady Twp.	3	2	2	3	0	0	1	1	1
Brant Twp.	2	2	2	2	0	0	0	0	2
Bridgeport Twp.	16	14	9	12	0	0	1	4	7
Buena Vista Twp.	13	12	9	9	0	0	1	4	4
Carrollton Twp.	10	7	6	7	0	0	0	2	5
Chapin Twp.	0	0	0	0	0	0	0	0	0
Chesaning	3	2	2	2	0	0	0	2	0
Chesaning Twp.	4	4	3	4	0	0	1	1	2
Frankenmuth	6	3	3	4	0	0	0	2	2
Frankenmuth Twp.	3	3	1	2	0	0	0	0	2
Fremont Twp.	4	5	4	4	0	0	0	1	3
James Twp.	6	5	4	4	0	0	0	3	1
Jonesfield Twp.	4	2	2	3	0	0	0	0	3
Kochville Twp.	8	4	3	7	0	0	1	2	4
Lakefield Twp.	2	1	1	1	0	0	0	0	1
Maple Grove Twp.	4	3	2	3	0	0	1	0	2
Marion Twp.	0	0	0	0	0	0	0	0	0
Merrill	0	0	0	0	0	0	0	0	0
Oakley	3	2	2	2	0	0	0	1	1
Richland Twp.	1	2	1	1	0	0	1	0	0
Saginaw	80	43	36	45	0	1	10	8	26
Saginaw Twp.	46	31	24	28	0	3	8	6	11
St. Charles	0	0	0	0	0	0	0	0	0
St. Charles Twp.	2	4	1	2	0	0	0	0	2
Spaulding Twp.	2	3	2	2	0	0	0	1	1
Swan Creek Twp.	5	2	2	3	0	0	0	2	1
Taymouth Twp.	8	6	6	8	0	0	3	3	2
Thomas Twp.	16	13	9	13	0	0	4	2	7
Tittabawassee Twp.	15	8	7	11	0	0	2	2	7
Zilwaukee	2	1	1	1	0	0	0	0	1
Zilwaukee Twp.	0	0	0	0	0	0	0	0	0
Unknown Community	0	0	0	0	0	0	0	0	0
Saginaw County TOTAL	290	200	154	199	0	5	35	53	106

Restraint Use among Reported Vehicle Drivers and Injured Passengers by Vehicle Type

Vehicle Type	Total Reported Occupants			Fatalities			Incapacitating			Non-incapacitating			Possible Injury			No Injury		
	Total	Using Restraint	%	Total	Using Restraint	%	Total	Using Restraint	%	Total	Using Restraint	%	Total	Using Restraint	%	Total	Using Restraint	%
Passenger car & station wagon	6,649	6,110	91.9	18	8	44.4	49	33	67.3	182	155	85.2	783	726	92.7	5,398	5,184	96.0
Van, motorhome	441	412	93.4	2	2	100.0	3	3	100.0	13	12	92.3	73	67	91.8	335	328	97.9
Pickup truck	1,136	1,028	90.5	2	1	50.0	12	7	58.3	14	10	71.4	88	77	87.5	976	932	95.5
Small truck under 10,000 lbs. GVWR	163	148	90.8	0	0	0.0	3	3	100.0	0	0	0.0	18	16	88.9	138	129	93.5
Cycle	91	62	68.1	1	0	0.0	11	6	54.5	31	21	67.7	20	15	75.0	26	19	73.1
Moped	10	5	50.0	0	0	0.0	0	0	0.0	4	2	50.0	1	0	0.0	5	3	60.0
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	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Off-Road Vehicle (ORV) /All-Terrain Vehicle (ATV)	1	1	100.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	1	1	100.0
Other	24	14	58.3	0	0	0.0	1	0	0.0	0	0	0.0	2	1	50.0	19	13	68.4
Truck/bus over 10,000 lbs.	133	121	91.0	0	0	0.0	0	0	0.0	2	2	100.0	5	3	60.0	122	115	94.3
Uncoded & errors	69	1	1.4	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	2	0	0.0
TOTAL	8,717	7,902	90.7	23	11	47.8	79	52	65.8	246	202	82.1	990	905	91.4	7,022	6,724	95.8

Restraint Use among Reported Vehicle Drivers and Injured Passengers by Age

Age Group	Total Reported Occupants			Fatalities			Incapacitating			Non-incapacitating			Possible Injury			No Injury		
	Total	Using Restraint	%	Total	Using Restraint	%	Total	Using Restraint	%	Total	Using Restraint	%	Total	Using Restraint	%	Total	Using Restraint	%
0 - 15	103	96	93.2	1	1	100.0	5	5	100.0	18	16	88.9	68	65	95.6	10	9	90.0
16 - 20	1,171	1,108	94.6	2	1	50.0	9	4	44.4	49	42	85.7	156	139	89.1	951	920	96.7
21 - 64	6,083	5,752	94.6	15	6	40.0	54	33	61.1	154	122	79.2	642	585	91.1	5,203	5,004	96.2
65 +	970	935	96.4	5	3	60.0	11	10	90.9	25	22	88.0	120	115	95.8	809	785	97.0
Other/Unknown	390	11	2.8	0	0	0.0	0	0	0.0	0	0	0.0	4	1	25.0	49	6	12.2
TOTAL	8,717	7,902	90.7	23	11	47.8	79	52	65.8	246	202	82.1	990	905	91.4	7,022	6,724	95.8

Restraint Use among Reported Vehicle Drivers and Injured Passengers by Municipality

Municipality	Total Occupants			Fatalities			Incapacitating			Non-incapacitating			Possible Injury			Not Injured		
	Total	Using Restraint	%	Total	Using Restraint	%	Total	Using Restraint	%	Total	Using Restraint	%	Total	Using Restraint	%	Total	Using Restraint	%
Albee Twp.	44	38	86.4	1	0	0.0	0	0	0.0	2	0	0.0	11	9	81.8	30	29	96.7
Birch Run	157	152	96.8	0	0	0.0	0	0	0.0	2	1	50.0	15	15	100.0	139	136	97.8
Birch Run Twp.	309	296	95.8	1	0	0.0	5	2	40.0	12	12	100.0	43	41	95.3	243	241	99.2
Blumfield Twp.	102	95	93.1	2	1	50.0	1	1	100.0	2	2	100.0	36	33	91.7	59	58	98.3
Brady Twp.	63	59	93.7	1	0	0.0	1	1	100.0	1	1	100.0	7	6	85.7	52	51	98.1
Brant Twp.	46	44	95.7	0	0	0.0	1	0	0.0	2	1	50.0	2	2	100.0	41	41	100.0
Bridgeport Twp.	436	373	85.6	2	0	0.0	3	1	33.3	18	13	72.2	62	53	85.5	331	306	92.4
Buena Vista Twp.	478	371	77.6	2	2	100.0	13	7	53.8	12	9	75.0	71	53	74.6	355	300	84.5
Carrollton Twp.	106	79	74.5	0	0	0.0	0	0	0.0	4	4	100.0	5	3	60.0	86	71	82.6
Chapin Twp.	44	43	97.7	0	0	0.0	2	2	100.0	1	1	100.0	2	2	100.0	38	38	100.0
Chesaning	57	43	75.4	1	1	100.0	0	0	0.0	1	1	100.0	2	2	100.0	47	39	83.0
Chesaning Twp.	88	84	95.5	1	0	0.0	0	0	0.0	2	1	50.0	8	8	100.0	77	75	97.4
Frankenmuth	149	133	89.3	0	0	0.0	1	1	100.0	2	2	100.0	9	9	100.0	127	121	95.3
Frankenmuth Twp.	77	70	90.9	0	0	0.0	4	1	25.0	5	5	100.0	3	2	66.7	64	62	96.9
Fremont Twp.	90	85	94.4	2	1	50.0	4	4	100.0	6	5	83.3	9	9	100.0	68	66	97.1
James Twp.	49	48	98.0	1	1	100.0	1	1	100.0	2	2	100.0	2	2	100.0	43	42	97.7
Jonesfield Twp.	34	34	100.0	0	0	0.0	1	1	100.0	1	1	100.0	4	4	100.0	28	28	100.0
Kochville Twp.	340	321	94.4	0	0	0.0	1	0	0.0	9	8	88.9	42	41	97.6	281	272	96.8
Lakefield Twp.	59	56	94.9	0	0	0.0	0	0	0.0	2	2	100.0	5	2	40.0	52	52	100.0
Maple Grove Twp.	82	78	95.1	1	0	0.0	3	3	100.0	2	2	100.0	7	5	71.4	68	68	100.0
Marion Twp.	29	29	100.0	0	0	0.0	0	0	0.0	1	1	100.0	1	1	100.0	27	27	100.0
Merrill	24	21	87.5	0	0	0.0	0	0	0.0	0	0	0.0	2	2	100.0	20	19	95.0
Oakley	5	4	80.0	0	0	0.0	0	0	0.0	2	1	50.0	0	0	0.0	3	3	100.0
Richland Twp.	143	139	97.2	1	1	100.0	2	2	100.0	5	5	100.0	10	10	100.0	120	118	98.3
Saginaw	2,501	2,178	87.1	1	0	0.0	7	2	28.6	46	38	82.6	266	241	90.6	2,004	1,896	94.6
Saginaw Twp.	1,949	1,863	95.6	3	2	66.7	11	9	81.8	56	45	80.4	239	232	97.1	1,593	1,573	98.7
St. Charles	34	33	97.1	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	34	33	97.1
St. Charles Twp.	84	79	94.0	1	1	100.0	1	0	0.0	4	4	100.0	15	15	100.0	59	59	100.0
Spaulding Twp.	60	52	86.7	1	1	100.0	4	4	100.0	2	2	100.0	4	4	100.0	46	41	89.1
Swan Creek Twp.	93	87	93.5	0	0	0.0	0	0	0.0	4	3	75.0	12	11	91.7	77	73	94.8
Taymouth Twp.	122	112	91.8	0	0	0.0	6	5	83.3	1	1	100.0	16	10	62.5	99	96	97.0
Thomas Twp.	421	393	93.3	1	0	0.0	5	3	60.0	17	15	88.2	47	45	95.7	345	330	95.7
Tittabawassee Twp.	348	324	93.1	0	0	0.0	1	1	100.0	16	11	68.8	24	24	100.0	292	288	98.6
Zilwaukee	49	44	89.8	0	0	0.0	0	0	0.0	2	2	100.0	3	3	100.0	39	38	97.4
Zilwaukee Twp.	45	42	93.3	0	0	0.0	1	1	100.0	2	1	50.0	6	6	100.0	35	34	97.1
Unknown Community	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
Saginaw County TOTAL	8,717	7,902	90.7	23	11	47.8	79	52	65.8	246	202	82.1	990	905	91.4	7,022	6,724	95.8

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