

Medical Consequences of Motor Vehicle Crashes
All People Involved in Crashes¹
Erie County Roadways, 2014

		All Crashes		Emergency Department Visits ²				Hospitalizations								
		#	%	#	%	Traumatic Brain Injuries	Total Charges	Hospital Total	Traumatic Brain Injuries	Total Charges	Average Length of Stay					
Crash Circumstances		#	%	#	%	#	%	Average	Total	#	%	#	%	Average	Total	Days
Role Type	Bicyclists	287	0.7	115	2.2	20	2.2	\$4,507	\$519,817	7	2.5**	*	*	\$85,601	\$627,738	14
	Motorcyclists	206	0.5	100	1.9	12	1.3**	\$7,068	\$704,426	34	12.3	*	*	\$40,482	\$1,376,394	5
	Occupants	39,182	93.1	4,850	91.4	826	91.4	\$2,332	\$11,309,192	180	65.0	44	56.4	\$39,229	\$7,048,076	6
	Pedestrians	485	1.2	204	3.8	43	4.8	\$4,651	\$947,229	52	18.8	23	29.5	\$60,140	\$3,147,319	9
	Other	1,942	4.6	36	0.7	*	*	\$1,423	\$51,235	*	*	*	*	*	*	*
Restraint Use^{3,4}	No	1,049	2.7	177	3.6	38	4.6	\$3,716	\$656,530	17	9.4**	5	11.4**	\$46,046	\$782,789	6
	Yes	32,170	82.1	4,340	89.5	743	90.0	\$2,279	\$9,891,835	155	86.1	37	84.1	\$38,268	\$5,918,843	6
	Unknown	5,963	15.2	334	6.9	45	5.4	\$2,278	\$760,828	8	4.4**	*	*	\$43,305	\$346,444	6
Contributing Factor⁵	Driver Distraction ⁶	7,758	18.4	1,160	21.9	225	24.9	\$2,322	\$2,693,572	59	21.3	8	10.3**	\$43,511	\$2,567,136	6
	Failure to Yield	6,653	15.8	1,158	21.8	194	21.5	\$2,498	\$2,892,261	60	21.7	12	15.4**	\$37,420	\$2,257,680	6
	Following Too Close	6,877	16.3	849	16.0	151	16.7	\$1,799	\$1,527,977	15	5.4**	*	*	\$40,541	\$621,631	7
	Passing/Lane Violations	3,207	7.6	363	6.8	69	7.6	\$2,866	\$1,041,130	28	10.1	7	9.0**	\$40,430	\$1,145,522	6
	Traffic Control Disregarded	1,881	4.5	380	7.2	50	5.5	\$2,950	\$1,120,826	26	9.4	9	11.5**	\$41,223	\$1,058,052	5
Crash Type	Alcohol Related ⁷	1,224	2.9	216	4.1	44	4.9	\$4,316	\$930,908	31	11.2	13	16.7**	\$56,430	\$1,749,335	7
	Speed Related ⁸	3,922	9.3	632	11.9	113	12.5	\$3,153	\$1,991,453	56	20.2	14	17.9**	\$48,099	\$2,677,510	7
Total 2014		42,102		5,305		904		\$2,551	\$13,531,898	277		78		\$44,427	\$12,321,142	6

1. Percentages are calculated out of column totals unless otherwise noted.

2. Emergency department visits do not include those later admitted to the hospital.

3. Restraint use includes the use of a seatbelt and/or a child passenger restraint device by occupants of a motor vehicle in a crash.

4. Percentages are out of all occupants of a motor vehicle.

5. Crashes may have more than one contributing factor.

6. Driving related distractions include the documentation of: driver inattention, passenger distraction, any cell phone use, other electronic devices, or an outside car distraction.

7. Alcohol-related crashes are based on contributing factors of: indicated alcohol involvement, a documented BAC, or a ticket issued for impaired driving.

8. Speed related crashes are based on contributing factors of: a documented unsafe speed, or having a ticket issued for a speeding violation.

*Data based on frequencies less than 6 are not reported.

**Caution: Rates based on frequencies less than 20 are unstable