

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

		All Crashes		Emergency Department Visits ²					Hospitalizations							
		#	%	ED Total		Traumatic Brian Injuries		Total Charges		Hospital Total		Traumatic Brian Injuries		Total Charges		Average Length of Stay
Crash Circumstances		#	%	#	%	#	%	Average	Total	#	%	#	%	Average	Total	Days
Role Type	Bicyclists	*	*	*	*	*	*	*	*	0	0.0	0	0.0	\$0	\$0	0
	Motorcyclists	31	1.7	17	10.1**	*	*	\$5,699	\$96,882	*	*	*	*	*	*	*
	Occupants	1,739	94.1	150	89.3	20	87.0	\$2,932	\$438,766	*	*	*	*	*	*	*
	Pedestrians	*	*	0	0.0	0	0.0	\$0	\$0	0	0.0	0	0.0	\$0	\$0	0
	Other	73	4.0	0	0.0	0	0.0	\$0	\$0	0	0.0	0	0.0	\$0	\$0	0
Restraint Use^{3,4}	No	44	2.5	*	*	*	*	\$3,054	\$15,269	*	*	*	*	*	*	*
	Yes	1,489	85.6	110	73.3	19	95.0**	\$3,227	\$353,947	*	*	*	*	*	*	*
	Unknown	206	11.8	35	23.3	0	0.0	\$1,987	\$69,550	0	0.0	0	0.0	\$0	\$0	0
Contributing Factor⁵	Driver Distraction ⁶	283	15.3	45	26.8	*	*	\$2,625	\$118,125	0	0.0	0	0.0	\$0	\$0	0
	Failure to Yield	213	11.5	19	11.3**	*	*	\$2,836	\$53,891	0	0.0	0	0.0	\$0	\$0	0
	Following Too Close	120	6.5	7	4.2**	*	*	\$2,028	\$14,198	0	0.0	0	0.0	\$0	\$0	0
	Passing/Lane Violations	234	12.7	49	29.2	*	*	\$2,776	\$136,013	0	0.0	0	0.0	\$0	\$0	0
	Traffic Control Disregarded	25	1.4	7	4.2**	*	*	\$4,808	\$33,657	0	0.0	0	0.0	\$0	\$0	0
Crash Type	Alcohol Related ⁷	52	2.8	9	5.4**	*	*	\$6,083	\$54,745	0	0.0	0	0.0	\$0	\$0	0
	Speed Related ⁸	376	20.3	51	30.4	9	39.1**	\$3,847	\$196,213	*	*	*	*	*	*	*
Total 2014		1,848		168		23		\$3,254	\$545,661	*		*		*	*	*

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