

2006

Injury-related Emergency Dept. Visits MA Children, Ages 1-14 Years

There were **130,169** injury-related emergency department (ED) visits among Massachusetts children between the ages of 1-14 years in FY2006. Approximately 1 in 9 children in this age group suffered an injury. Falls were the leading cause of injury followed by struck-by or against an object.

INJURY CAUSE	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Unintentional	<i>Intentional</i>		Undetermined	Other & Legal			
		Self-inflicted	Assault					
Cut/pierce	8,665	210	38	10	0	8,923	6.9	752.1
Drowning/submersion	39	0	0	0		39	<0.1	3.3
Fall	41,667	1	0	16		41,684	32.0	3,513.3
Fire/flare & hot substance burn	1,594	4	2	6		1,606	1.2	135.4
Firearms	5	0	1	3	1	10	<0.1	0.8
Machinery	87					87	0.1	7.3
Natural/environmental	5,901	0		0		5,901	4.5	497.4
<i>Dog bites</i>	1,701	0		0		1,701	1.3	143.4
<i>Other bites & stings</i>	3,726	0		0		3,726	2.9	314.0
<i>All other (e.g. extreme cold)</i>	474	0		0		474	0.4	40.0
Overexertion	10,474					10,474	8.0	882.8
Poisoning	1,565	176	1	129	1	1,872	1.4	157.8
Struck by, against	29,985	0	865	0	12	30,862	23.7	2,601.2
Suffocation/hanging	205	7	1	1		214	0.2	18.0
Transport Injuries:	8,710	0	0	0	0	8,710	6.7	734.1
<i>Motor vehicle traffic-related</i>	4,571					4,571	3.5	385.3
<i>Occupant</i>	3,509					3,509	2.7	295.8
<i>Motorcyclist</i>	84					84	0.1	7.1
<i>Pedal cyclist</i>	252					252	0.2	21.2
<i>Pedestrian</i>	550					550	0.4	46.4
<i>Other person</i>	22					22	<0.1	1.9
<i>Unspecified person</i>	154					154	0.1	13.0
<i>Pedal cyclist, other</i>	3,251					3,251	2.5	274.0
<i>Pedestrian, other</i>	97					97	0.1	8.2
<i>Other transport</i>	791					791	0.6	66.7
Other specified & classifiable	8,393	2	293	8	1	8,697	6.7	733.0
Other specified, not classifiable	1,308	63	168	41	0	1,580	1.2	133.2
Unspecified	6,790	21	119	143	2	7,075	5.4	596.3
Adverse Effects						84	0.1	7.1
No cause or intent provided						2,351	1.8	198.2
TOTALS	125,388	484	1,488	357	17	130,169	100%	10,971.3
Injury ED Visit Rate by Intent	10,568.3	40.8	125.4	30.1	1.4	n/a	n/a	n/a

Source: MA Emergency Department Discharge Database, MA Division of Health Care, Finance and Policy.

—Analysis is based on a fiscal year (Oct 1, 2005 - Sep 30, 2006).

—Rates are per 100,000 residents. Rates provided here are age-specific. Rates are not calculated on counts of less than five, and those based on counts less than twenty may be unstable.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data." This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized.