

2009

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

There were **127,656** injury-related emergency department (ED) visits among Massachusetts children between the ages of 1-14 years in FY2009. Approximately 1 in 9 children in this age group were treated for 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	Intentional		Undetermined	Other & Legal			
		Self-inflicted	Assault					
Cut/pierce	7,854	186	18	10	0	8,068	6.3	733.9
Drowning/submersion	52	0	0	0		52	0.0	4.7
Fall	43,515	<7	<7	16		43,537	34.1	3,960.3
Fire/flame & hot substance burn	1,551	<7	<7	<7		1,562	1.2	142.1
Firearms	11	0	<7	<7	<7	16	0.0	1.5
Machinery	63					63	0.0	5.7
Natural/environmental	6,901	<7		<7		6,903	5.4	627.9
<i>Dog bites</i>	1,773	0		0		1,773	1.4	161.3
<i>Other bites & stings</i>	4,736	0		0		4,736	3.7	430.8
<i>All other (e.g. extreme cold)</i>	392	<7		<7		394	0.3	35.8
Overexertion	9,574					9,574	7.5	870.9
Poisoning	1,553	145	<7	133	<7	1,834	1.4	166.8
Struck by, against	30,826	0	662	0	9	31,497	24.7	2,865.1
Suffocation/hanging	192	7	<7	<7		201	0.2	18.3
Transport Injuries:	7,989	0	0	0	0	7,989	6.3	726.7
<i>Motor vehicle traffic-related</i>	3,635	0	0	0	0	3,635	2.8	330.7
<i>Occupant</i>	2,814					2,814	2.2	256.0
<i>Motorcyclist</i>	55					55	0.0	5.0
<i>Pedal cyclist</i>	189					189	0.1	17.2
<i>Pedestrian</i>	392					392	0.3	35.7
<i>Other person</i>	32					32	0.0	2.9
<i>Unspecified person</i>	153					153	0.1	13.9
<i>Pedal cyclist, other</i>	3,505					3,505	2.7	318.8
<i>Pedestrian, other</i>	120					120	0.1	10.9
<i>Other transport</i>	729					729	0.6	66.3
Other specified & classifiable	7,704	0	209	<7	0	7,916	6.2	720.1
Other specified, not classifiable	1,698	44	221	52	0	2,015	1.6	183.3
Unspecified	5,374	17	103	191	0	5,685	4.5	517.1
Adverse Effects						103	0.1	9.4
No cause or intent provided						641	0.5	58.3
TOTALS	124,857	408	1,223	413	11	127,656	100.0	11,612.2
Injury ED Visit Rate by Intent	11,357.6	37.1	111.2	37.6	1.0	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 (October 1 - September 30).

—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.

Data prepared by the Injury Surveillance Program, Bureau of Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health.
www.mass.gov/dph/bhsre/isp/isp.htm (March 2011); Revised 7/2011.