

2004

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

There were 133,337 injury-related emergency department (ED) visits among Massachusetts children between the ages of 1-14 years in FY2004; approximately 1 in 9 children in this age group. 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	9,281	266	34	32	0	9,613	7.2	850.2
Drowning/submersion	41	0	0	0		41	<0.1	3.6
Fall	42,218	3	4	10		42,235	31.7	3,735.6
Fire/flame & hot substance burn	1,627	5	5	7		1,644	1.2	145.4
Firearms	5	0	6	1	0	12	<0.1	1.1
Machinery	109					109	0.1	9.6
Natural/environmental	6,063	0		0		6,063	4.5	536.3
<i>Dog bites</i>	1,875	0		0		1,875	1.4	165.8
<i>Other bites & stings</i>	3,700	0		0		3,700	2.8	327.3
<i>All other (e.g. extreme cold)</i>	488	0		0		488	0.4	43.2
Overexertion	10,545					10,545	7.9	932.7
Poisoning	1,545	234	3	148	0	1,930	1.4	170.7
Struck by, against	30,349	0	943	0	14	31,306	23.5	2,769.0
Suffocation/hanging	211	12	2	1		226	0.2	20.0
Transport Injuries:	10,878	0	0	0	0	10,878	8.2	962.1
<i>Motor vehicle traffic-related</i>	5,514					5,514	4.1	487.7
<i>Occupant</i>	4,309					4,309	3.2	381.1
<i>Motorcyclist</i>	81					81	0.1	7.2
<i>Pedal cyclist</i>	330					330	0.2	29.2
<i>Pedestrian</i>	600					600	0.4	53.1
<i>Other person</i>	55					55	<0.1	4.9
<i>Unspecified person</i>	139					139	0.1	12.3
<i>Pedal cyclist, other</i>	4,277					4,277	3.2	378.3
<i>Pedestrian, other</i>	120					120	0.1	10.6
<i>Other transport</i>	967					967	0.7	85.5
Other specified & classifiable	8,230	3	231	3	2	8,469	6.4	749.1
Other specified, not classifiable	1,129	41	168	28	1	1,367	1.0	120.9
Unspecified or incomplete code	7,388	25	110	31	1	7,555	5.7	668.2
Adverse Effects						351	0.3	31.0
No cause or intent provided						993	0.7	87.8
TOTALS	129,619	589	1,506	261	18	133,337	100%	11,793.4
Injury ED Visit Rate by Intent	11,464.5	52.1	133.2	23.1	1.6	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, 2003 - Sep 30, 2004).

—Rates are per 100,000 residents. 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" based on ICD-9 codes. This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized and counts are excluded from the overall totals.

—Questions regarding the data presented here can be directed to the Injury Surveillance Program, MA Dept. of Public Health (617) 624-5648.