

2010

# Injury-related Hospital Discharges Massachusetts Children, Ages 0-14 Years

There were **2,521** injury-related hospital discharges among Massachusetts children ages 0-14 years old in FY2010, approximately **217.6** for every 100,000 children. Fall was the leading cause of injury-related hospitalization for this age group, followed by poisoning.

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	42	8	<7	0	0	54	2.1	4.7
Drowning/submersion	20	0	0	0	0	20	0.8	1.7
Fall	873	<7	0	<7	0	879	34.9	75.9
Fire/flame & hot substance burn	22	<7	<7	<7		27	1.1	2.3
Firearms	<7	<7	<7	0	0	<7	0.2	--
Machinery	<7					<7	0.1	--
Natural/environmental	117	0		0		117	4.6	10.1
<i>Dog bites</i>	35	0		0		35	1.4	3.0
<i>Other bites &amp; stings</i>	57	0		0		57	2.3	4.9
<i>All other (e.g. extreme cold)</i>	25	0		0		25	1.0	2.2
Overexertion	27					27	1.1	2.3
Poisoning	176	45	<7	9	0	231	9.2	19.9
Struck by, against	176	0	10	0	<7	188	7.5	16.2
Suffocation/hanging	65	0	<7	0	0	66	2.6	5.7
Transport Injuries:	294	0	0	0	0	294	11.7	25.4
<i>Motor vehicle traffic-related</i>	154	0	0	0	0	154	6.1	13.3
<i>Occupant</i>	55					55	2.2	4.7
<i>Motorcyclist</i>	<7					<7	0.2	--
<i>Pedal cyclist</i>	21					21	0.8	1.8
<i>Pedestrian</i>	72					72	2.9	6.2
<i>Other person</i>	<7					<7	0.1	--
<i>Unspecified person</i>	0					0	0.0	0.0
<i>Pedal cyclist, other</i>	81					81	3.2	7.0
<i>Pedestrian, other</i>	8					8	0.3	0.7
<i>Other transport</i>	51	0	0	0	0	51	2.0	4.4
Other specified & classifiable	201	0	31	0	0	232	9.2	20.0
Other specified, not classifiable	52	<7	19	<7	<7	82	3.3	7.1
Unspecified	120	<7	13	14	0	148	5.9	12.8
Adverse Effects						70	2.8	6.0
No cause or intent provided						77	3.1	6.6
TOTALS	2,190	68	83	29	<7	2,521	100.0	217.6
Injury Hospitalization Rate by Intent	189.0	5.9	7.2	2.5	--	n/a	n/a	n/a

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

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

—Rates are per 100,000 residents. Rates are not calculated on counts of less than seven 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.

—Population data used to calculate rates are based on 2010 population estimates by the US Census Bureau.

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

Data prepared by the Injury Surveillance Program, Bureau of Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health, January 2012