

# 2008

## Injury-related Emergency Dept. Visits MA Youth & Young Adults, Ages 15-24 Years

There were **143,241** injury-related emergency department (ED) visits among Massachusetts youth between the ages of 15-24 years in FY2008. About\* 1 in 7 youth in this age group suffered an injury. The leading injury cause among this age group was struck by/against; 1 in 29 youth suffered a struck by injury.

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	13,953	1,058	705	48	<7	15,768	11.0	1,669.3
Drowning/submersion	29	<7	0	0		30	0.0	3.2
Fall	21,773	10	8	20		21,811	15.2	2,309.1
Fire/burn	1,927	19	8	3		1,957	1.4	207.2
Firearms	74	<7	116	23	<7	221	0.2	23.4
Machinery	604					604	0.4	63.9
Natural/environmental	3,826	<7		<7		3,829	2.7	405.4
<i>Dog bites</i>	990	0		0		990	0.7	104.8
<i>Other bites &amp; stings</i>	2,416	0		0		2,416	1.7	255.8
<i>All other (e.g. extreme cold)</i>	420	<7		<7		423	0.3	44.8
Overexertion	18,279					18,279	12.8	1,935.2
Poisoning	1,372	1,220	<7	761	<7	3,362	2.3	355.9
Struck by, against	27,259	0	5,106	0	146	32,511	22.7	3,441.9
Suffocation/hanging	20	36	12	2		70	0.0	7.4
Transport Injuries:	23,138	<7	<7	<7	0	23,147	16.2	2,450.5
<i>Motor vehicle traffic-related</i>	20,048	<7	<7	<7	0	20,057	14.0	2,123.4
<i>Occupant</i>	16,978					16,978	11.9	1,797.4
<i>Motorcyclist</i>	685					685	0.5	72.5
<i>Pedal cyclist</i>	330					330	0.2	34.9
<i>Pedestrian</i>	876					876	0.6	92.7
<i>Other person</i>	52					52	0.0	5.5
<i>Unspecified person</i>	1,127					1,127	0.8	119.3
<i>Pedal cyclist, other</i>	1,695					1,695	1.2	179.4
<i>Pedestrian, other</i>	90					90	0.1	9.5
<i>Other transport</i>	1,305					1,305	0.9	138.2
Other specified & classifiable	5,687	7	864	26	<7	6,587	4.6	697.4
Other specified, not classifiable	2,056	324	1,553	92	<7	4,028	2.8	426.4
Unspecified	7,942	59	1,060	521	24	9,606	6.7	1,017.0
Adverse Effects						152	0.1	16.1
No cause or intent provided						1,279	0.9	135.4
<b>TOTALS</b>	<b>127,939</b>	<b>2,739</b>	<b>9,442</b>	<b>1,499</b>	<b>191</b>	<b>143,241</b>	<b>100</b>	<b>15,164.7</b>
Injury ED Visit Rate by Intent	13,544.7	290.0	999.6	158.7	20.2	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, 2007 - Sep 30, 2008).

—Rates are per 100,000 residents. Rates provided here are not age-adjusted and may differ slightly from other department publications.

Rates are not calculated on counts of less than five. Rates that are 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.

\* Does not exclude persons who may have been treated more than once for the same injury.

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

March 2010