

2009

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

There were **138,106** injury-related emergency department (ED) visits among Massachusetts youth between the ages of 15-24 years in FY2009. 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 35 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	12,529	1,053	710	49	<7	14,344	10.4	1,551.4
Drowning/submersion	35	0	<7	0		36	0.0	3.9
Fall	21,763	10	<7	23		21,801	15.8	2,357.9
Fire/burn	1,811	23	14	8		1,856	1.3	200.7
Firearms	85	<7	103	29	<7	224	0.2	24.2
Machinery	502					502	0.4	54.3
Natural/environmental	3,965	<7		<7		3,968	2.9	429.2
<i>Dog bites</i>	1,019	0		0		1,019	0.7	110.2
<i>Other bites & stings</i>	2,489	0		0		2,489	1.8	269.2
<i>All other (e.g. extreme cold)</i>	457	<7		<7		460	0.3	49.8
Overexertion	16,559					16,559	12.0	1,790.9
Poisoning	1,291	1,166	<7	790	<7	3,255	2.4	352.0
Struck by, against	26,526	0	5,226	0	154	31,906	23.1	3,450.8
Suffocation/hanging	18	34	10	0		62	0.0	6.7
Transport Injuries:	22,316	<7	11	<7	0	22,334	16.2	2,415.5
<i>Motor vehicle traffic-related</i>	19,177	<7	11	<7	0	19,195	13.9	2,076.0
<i>Occupant</i>	16,127					16,127	11.7	1,744.2
<i>Motorcyclist</i>	695					695	0.5	75.2
<i>Pedal cyclist</i>	354					354	0.3	38.3
<i>Pedestrian</i>	899					899	0.7	97.2
<i>Other person</i>	59					59	0.0	6.4
<i>Unspecified person</i>	1,043					1,043	0.8	112.8
<i>Pedal cyclist, other</i>	1,727					1,727	1.3	186.8
<i>Pedestrian, other</i>	99					99	0.1	10.7
<i>Other transport</i>	1,313					1,313	1.0	142.0
Other specified & classifiable	5,192	<7	697	14	<7	5,912	4.3	639.4
Other specified, not classifiable	2,306	264	1,690	83	<7	4,345	3.1	469.9
Unspecified	8,104	52	1,041	558	18	9,773	7.1	1,057.0
Adverse Effects						169	0.1	18.3
No cause or intent provided						1,060	0.8	114.6
TOTALS	123,002	2,615	9,513	1,558	189	138,106	100.0	14,936.7
Injury ED Visit Rate by Intent	13,303.2	282.8	1,028.9	168.5	20.4	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 (October 1 - September 30).

—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.

Data prepared by the Injury Surveillance Program, Bureau of Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health. March 2011; Revised 7/2011