

2009

Injury-related Emergency Dept. Visits MA Residents, Ages 45-64 Years

There were **147,795** injury-related emergency department (ED) visits among Massachusetts adults ages 45-64 years in FY2009. An estimated 1 in 12 persons in this age group were treated for an injury at an ED. Falls were the leading injury cause for this age group.

	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Unintentional	Intentional		Undetermined	Other & Legal			
		Self-harm	Assault					
Cut/pierce	15,156	286	151	8	<7	15,602	10.6	861.7
Drowning/submersion	16	0	0	<7		17	0.0	0.9
Fall	44,083	<7	11	7		44,106	29.8	2,436.0
Fire/burn	2,084	<7	9	<7		2,100	1.4	116.0
Firearms	17	0	8	<7	<7	29	0.0	1.6
Machinery	1,125					1,125	0.8	62.1
Natural/environmental	7,590	<7		<7		7,595	5.1	419.5
<i>Dog bites</i>	1,638	0		0		1,638	1.1	90.5
<i>Other bites & stings</i>	5,223	0		0		5,223	3.5	288.5
<i>All other (e.g. extreme cold)</i>	729	<7		<7		734	0.5	40.5
Overexertion	17,204					17,204	11.6	950.2
Poisoning	1,567	633	<7	663	0	2,864	1.9	158.2
Struck by, against	13,886	0	1,933	0	83	15,902	10.8	878.3
Suffocation/hanging	56	16	<7	0		78	0.1	4.3
Transport Injuries:	16,728	<7	<7	0	0	16,733	11.3	924.2
<i>Motor vehicle traffic-related</i>	14,589	<7	<7	0	0	14,594	9.9	806.0
<i>Occupant</i>	11,947					11,947	8.1	659.8
<i>Motorcyclist</i>	643					643	0.4	35.5
<i>Pedal cyclist</i>	223					223	0.2	12.3
<i>Pedestrian</i>	752					752	0.5	41.5
<i>Other person</i>	58					58	0.0	3.2
<i>Unspecified person</i>	966					966	0.7	53.4
<i>Pedal cyclist, other</i>	1,238					1,238	0.8	68.4
<i>Pedestrian, other</i>	92					92	0.1	5.1
<i>Other transport</i>	809					809	0.5	44.7
Other specified & classifiable	6,280	<7	345	<7	<7	6,631	4.5	366.2
Other specified, not classifiable	2,256	41	821	30	<7	3,149	2.1	173.9
Unspecified	11,558	16	501	723	24	12,822	8.7	708.2
Adverse Effects						367	0.2	20.3
No cause or intent provided						1,471	1.0	81.2
TOTALS	139,606	1,006	3,788	1,443	114	147,795	100.0	8,162.7
Injury ED Visit Rate by Intent	7,710.4	55.6	209.2	79.7	6.3	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.

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www.mass.gov/dph/bhsre/isp/isp.htm (March 2011);

