

2005

Injury-related Emergency Dept. Visits MA Residents, Ages 65+ Years

In FY2005, there were 67,661 injury-related emergency department (ED) visits to adults ages 65 years and older, a rate of 7933.7 for every 100,000 persons. Falls were the leading cause; 1 in 24 adults ages 65 and older suffered a fall-related injury requiring treatment at an ED.

INJURY CAUSE	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Unintentional	Intentional		Undetermined	Other & Legal			
		Self-harm	Assault					
Cut/pierce	4,631	12	6	0	0	4,649	6.9	545.1
Drowning/submersion	6	0	0	0		6	<0.1	0.7
Fall	35,731	0	3	2		35,736	52.8	4,190.3
Fire/burn	618	0	0	0		618	0.9	72.5
Firearms	4	0	1	0	0	5	<0.1	0.6
Machinery	343					343	0.5	40.2
Natural/environmental	3,296	0		2		3,298	4.9	386.7
Overexertion	4,187					4,187	6.2	491.0
Poisoning	466	29	0	52	0	547	0.8	64.1
Struck by, against	4,538		119		2	4,659	6.9	546.3
Suffocation/hanging	114	1	0	0		115	0.2	13.5
Transport Injuries:	4,300	0	0	0	0	4,300	6.4	504.2
<i>Motor vehicle traffic-related</i>	3,997					3,997	5.9	468.7
<i>Occupant</i>	3,446					3,446	5.1	404.1
<i>Motorcyclist</i>	25					25	<0.1	2.9
<i>Pedal cyclist</i>	22					22	<0.1	2.6
<i>Pedestrian</i>	256					256	0.4	30.0
<i>Other person</i>	16					16	<0.1	1.9
<i>Unspecified person</i>	232					232	0.3	27.2
<i>Pedal cyclist, other</i>	109					109	0.2	12.8
<i>Pedestrian, other</i>	30					30	<0.1	3.5
<i>Transportation, other</i>	164					164	0.2	19.2
Other specified & classifiable	2,165	0	30	0	0	2,195	3.2	257.4
Other specified, not classifiable	620	9	49	8	1	687	1.0	80.6
Unspecified	4,802	2	22	23	0	4,849	7.2	568.6
Adverse effects						309	0.5	36.2
No cause or intent provided						1158	1.7	135.8
TOTALS	65,821	53	230	87	3	67,661	100%	7,933.7
Injury ED Visit Rate by Intent	7,718.0	6.2	27.0	10.2	--	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, 2004 - Sep 30, 2005).

—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.

—Due to data quality issues, the external cause of injury codes (E-Codes) for one hospital, have been excluded from analysis. Total injury counts presented in this matrix include injuries captured only in the primary ICD9 field for this hospital.

—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, Center for Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health. October 2006