

# 2005

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

There were 132,462 injury-related emergency department (ED) visits among Massachusetts adults ages 45-64 years in FY2005. 1 in 12 persons in this age group suffered an injury. This age group was at highest risk for fall injuries, followed by injuries related to overexertion, and motor vehicle traffic injuries.

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	15,543	231	129	13	0	15,916	12.0	984.1
Drowning/submersion	22	0	1	1		24	<0.1	1.5
Fall	34,869	6	2	4		34,881	26.3	2,156.7
Fire/burn	2,118	3	8	0		2,129	1.6	131.6
Firearms	12	0	9	4	0	25	<0.1	1.5
Machinery	1,351					1,351	1.0	83.5
Natural/environmental	6,831	0		2		6,833	5.2	422.5
<i>Dog bites</i>	1,405	0		0		1,405	1.1	86.9
<i>Other bites &amp; stings</i>	4,710	0		0		4,710	3.6	291.2
<i>All other (e.g. extreme cold)</i>	716	0		2		718	0.5	44.4
Overexertion	16,951					16,951	12.8	1,048.1
Poisoning	1,355	587	2	540	2	2,486	1.9	153.7
Struck by, against	12,935	0	1,550	0	55	14,540	11.0	899.0
Suffocation/hanging	69	11	4	2		86	0.1	5.3
Transport Injuries:	16,525	1	2	0	0	16,528	12.5	1,022.0
<i>Motor vehicle traffic-related</i>	14,973	1	2	0	0	14,976	11.3	926.0
<i>Occupant</i>	12,894					12,894	9.7	797.3
<i>Motorcyclist</i>	445					445	0.3	27.5
<i>Pedal cyclist</i>	125					125	0.1	7.7
<i>Pedestrian</i>	698					698	0.5	43.2
<i>Other person</i>	45					45	<0.1	2.8
<i>Unspecified person</i>	766					766	0.6	47.4
<i>Pedal cyclist, other</i>	869					869	0.7	53.7
<i>Pedestrian, other</i>	83					83	0.1	5.1
<i>Other transport</i>	600					600	0.5	37.1
Other specified & classifiable	6,564	2	279	1	0	6,846	5.2	423.3
Other specified, not classifiable	1,511	43	492	26	1	2,073	1.6	128.2
Unspecified	9,038	16	341	77	11	9,483	7.2	586.3
Adverse Effects						285	0.2	17.6
No cause or intent provided						2,025	1.5	125.2
<b>TOTALS</b>	<b>125,694</b>	<b>900</b>	<b>2,819</b>	<b>670</b>	<b>69</b>	<b>132,462</b>	<b>100.0</b>	<b>8,190.3</b>
Injury ED Visit Rate by Intent	7,771.9	55.6	174.3	41.4	4.3	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 (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

