

# 2004

## Injury-related Emergency Dept. Visits MA Residents, Ages 25-44 Years

There were 235,213 injury-related emergency department (ED) visits among Massachusetts residents ages 25-44 years in FY2004; 1 in 8 persons in this age group. This age group was at highest risk for fall and motor vehicle traffic-related injuries, and injuries related to overexertion.

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	27,828	850	728	64	0	29,470	12.5	1,542.3
Drowning/submersion	46	0	3	0		49	<0.1	2.6
Fall	39,124	6	22	26		39,178	16.7	2,050.3
Fire/burn	3,830	24	21	9		3,884	1.7	203.3
Firearms	64	0	67	21	4	156	0.1	8.2
Machinery	2,043					2,043	0.9	106.9
Natural/environmental	7,784	1		3		7,788	3.3	407.6
<i>Dog bites</i>	1,726	0		0		1,726	0.7	90.3
<i>Other bites &amp; stings</i>	5,175	0		0		5,175	2.2	270.8
<i>All other (e.g. extreme cold)</i>	883	1		3		887	0.4	46.4
Overexertion	35,668					35,668	15.2	1,866.6
Poisoning	2,098	1,460	13	1,193	3	4,767	2.0	249.5
Struck by, against	28,081	0	5,621	0	213	33,915	14.4	1,774.9
Suffocation/hanging	56	25	19	1		101	<0.1	5.3
Transport Injuries:	40,572	3	15	1	0	40,591	17.3	2,124.3
<i>Motor vehicle traffic-related</i>	37,295	3	15	1	0	37,314	15.9	1,952.8
<i>Occupant</i>	32,581					32,581	13.9	1,705.1
<i>Motorcyclist</i>	1,239					1,239	0.5	64.8
<i>Pedal cyclist</i>	329					329	0.1	17.2
<i>Pedestrian</i>	1,212					1,212	0.5	63.4
<i>Other person</i>	113					113	<0.1	5.9
<i>Unspecified person</i>	1,821					1,821	0.8	95.3
<i>Pedal cyclist, other</i>	1,554					1,554	0.7	81.3
<i>Pedestrian, other</i>	148					148	<0.1	7.7
<i>Other transport</i>	1,575					1,575	0.7	82.4
Other specified & classifiable	12,893	5	1,062	5	3	13,968	5.9	731.0
Other specified, not classifiable	2,834	130	1,558	97	3	4,622	2.0	241.9
Unspecified or incomplete code	15,003	56	894	33	49	16,035	6.8	839.2
Adverse Effects						904	0.4	47.3
No cause or intent provided						2,074	0.9	108.5
<b>TOTALS</b>	<b>217,924</b>	<b>2,560</b>	<b>10,023</b>	<b>1,453</b>	<b>275</b>	<b>235,213</b>	<b>100.0</b>	<b>12,309.6</b>
Injury ED Visit Rate by Intent	11,404.8	134.0	524.5	76.0	14.4	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 (Oct 1, 2003 - Sep 30, 2004).

—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.

—Questions regarding the data presented here can be directed to the Injury Surveillance Program, MA Dept. of Public Health (617) 624-5648.