

# Injury-related Emergency Dept. Visits<sup>1</sup>

# 2014

Injury Surveillance Program, Massachusetts Department of Public Health

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## MASSACHUSETTS RESIDENTS<sup>2</sup>

INJURY CAUSE	INJURY INTENT					Total Number	Percent of Total	Crude Rate per 100,000 <sup>4</sup>
	Unintentional	Intentional		Undetermined	Other & Legal <sup>3</sup>			
		Self-inflicted	Assault					
Cut/pierce	54,193	2,657	1,236	<114	≤11	58,198	8.5%	862.8
Drowning/submersion	129	≤11	≤11	≤11	0	144	0.0%	2.1
Fall	185,371	31	38	83		185,523	27.2%	2,750.4
Fire/burn	8,377	55	40	32		8,504	1.2%	126.1
<i>Fire/flare</i>	1,297	50	13	26		1,386	0.2%	20.5
<i>Hot object/substance</i>	7,080	≤11	27	≤11		7,118	1.0%	105.5
Firearm	186	≤11	181	26	≤11	411	0.1%	6.1
Machinery	2,515					2,515	0.4%	37.3
Natural/Environmental	31,037	≤11		<115		31,146	4.6%	461.7
<i>Dog bites</i>	6,744	0		0		6,744	1.0%	100.0
<i>Other bites &amp; stings</i>	21,122	0		0		21,122	3.1%	313.1
<i>All other (e.g. extreme cold)</i>	3,171	≤11		<115		3,280	0.5%	48.6
Overexertion	63,503					63,503	9.3%	941.4
Poisoning/overdose	10,789	3,205	<42	4,664	≤11	18,694	2.7%	277.1
Struck by, against	83,297		12,027		533	95,857	14.0%	1,421.1
Suffocation	377	152	<71	≤11		598	0.1%	8.9
Transport-related Injuries	81,330	<23	22	≤11		81,368	11.9%	1,206.3
<i>Motor vehicle traffic-related</i>	70,408	<23	22	≤11		70,446	10.3%	1,044.4
<i>Occupant</i>	59,219					59,219	8.7%	877.9
<i>Motorcyclist</i>	2,111					2,111	0.3%	31.3
<i>Pedal cyclist</i>	1,292					1,292	0.2%	19.2
<i>Pedestrian</i>	3,443					3,443	0.5%	51.0
<i>Other person</i>	518					518	0.1%	7.7
<i>Unspecified</i>	3,825					3,825	0.6%	56.7
<i>Pedal cyclist, other</i>	6,882					6,882	1.0%	102.0
<i>Pedestrian, other</i>	361					361	0.0%	5.4
<i>Transportation, other</i>	3,679					3,679	0.5%	54.5
Other-specified & classifiable	28,094	18	2,289	≤11	≤11	30,421	4.5%	451.0
<i>Human bites</i>	592		991			1,583	0.2%	23.5
<i>Non-powder gun (BB, pellet)</i>	188	≤11	28	≤11	0	224	0.0%	3.3
<i>Other specified &amp; classifiable</i>	27,314	16	1,270	≤11	≤11	28,614	4.2%	424.2
Other specified, not classifiable	22,637	607	5,141	164	≤11	28,560	4.2%	423.4
Unspecified	52,422	129	2,149	2,120	48	56,868	8.3%	843.1
Adverse effects <sup>5</sup>						656	0.1%	9.7
Cause or intent not provided						19,407	2.8%	287.7
<b>TOTALS<sup>6</sup></b>	<b>624,257</b>	<b>6,885</b>	<b>23,223</b>	<b>7,321</b>	<b>624</b>	<b>682,373</b>	<b>100.0%</b>	<b>10,116.1</b>
<b>RATE BY INTENT/per 100,000</b>	<b>9,254.5</b>	<b>102.1</b>	<b>344.3</b>	<b>108.5</b>	<b>9.3</b>			

**Data Source:** Massachusetts Emergency Department (ED) Discharge Database, Center for Health Information and Analysis (CHIA). Data are collected and reported by fiscal year (Oct. 1, 2013 - Sept. 30, 2014). Data do not include patients who died.

- Counts represent the number of injury-related *ED discharges*, rather than the number of individuals treated. This is because individuals may be counted more than once if they have multiple ED visits in the same year for the same or different injuries.  
Injury case definition: ICD-9-CM diagnostic code of 800-909.2, 909.4, 909.9, 910-994.9, 995.50-995.59 or 995.80-995.85 in the primary diagnosis field OR an External cause-of-injury code (E-code) of E800-E869, E880-E929 or E950-E999.1 in any diagnosis field.  
Injury categories are based on the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data."
- Massachusetts residents treated at a MA acute care hospital during this time period.
- Legal Intervention includes injuries resulting from police actions and operations of war.
- Crude rates per 100,000 MA residents are based on the 2013 postcensal estimate for the MA population of 6,745,408 (U.S. Census Bureau). Counts of less than 11 and associated counts are suppressed due to CHIA data confidentiality guidelines.
- Adverse effects can be related to medical and surgical care procedures, or to the use of therapeutic substances (including allergic reactions).
- Totals do not include subcategory (italicized) counts.