

# Injury-related Hospital Discharges<sup>1</sup>

# 2013

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	500	570	312	<11	0	<1,393	2.4%	20.7
Drowning/submersion	22	<11	0	0	0	<33	<0.1%	0.4
Fall	26,450	29	<11	<11		26,494	45.6%	395.9
Fire/burn	476	16	<11	14		<517	0.9%	7.7
<i>Fire/flame</i>	154	15	<11	12		<192	0.3%	2.7
<i>Hot object/substance burn</i>	322	<11	<11	<11		332	0.6%	5.0
Firearms	34	<11	203	<11	11	263	0.5%	3.9
Machinery	160					160	0.3%	2.4
Natural/environmental	1,273	<11		25		<1,309	2.2%	19.5
<i>Dog bites</i>	191	0		0		191	0.3%	2.9
<i>Other bites &amp; stings</i>	595	0		0		595	1.0%	8.9
<i>All other</i>	487	<11		25		<523	0.9%	7.7
Overexertion	667					667	1.1%	10.0
Poisoning/overdose	3,272	3,405	<11	869	0	<7,557	13.0%	112.8
Struck by, against	1,141		550		14	1,705	2.9%	25.5
Suffocation/hanging	685	39	<11	<11		727	1.3%	10.9
Transport Injuries:	3,974	<11	<11	0		3,983	6.9%	59.5
<i>Motor vehicle traffic-related</i>	3,115	<11	<11	0		3,124	5.4%	46.7
<i>Occupant</i>	1,926					1,926	3.3%	28.8
<i>Motorcyclist</i>	472					472	0.8%	7.1
<i>Pedal Cyclist</i>	100					100	0.2%	1.5
<i>Pedestrian</i>	504					504	0.9%	7.5
<i>Other person</i>	16					16	<0.1%	0.2
<i>Unspecified person</i>	97					97	0.2%	1.4
<i>Pedal cyclist, other</i>	371					371	0.6%	5.5
<i>Pedestrian, other</i>	46					46	0.1%	0.7
<i>Other transport</i>	442					442	0.8%	6.6
Other specified & classifiable	2,688	<11	212	<11	<11	2,916	5.0%	43.6
<i>Human bites</i>	41		46			87	0.1%	1.3
<i>Non-powder guns</i>	0	<11	<11	<11	0	<11	---	---
<i>Other specified &amp; classifiable</i>	2,647	<11	164	<11	<11	2,823	4.9%	42.2
Other specified, not classifiable	1,181	169	285	106	30	1,771	3.0%	26.5
Unspecified	3,374	21	137	29	<11	3,572	6.1%	53.3
Adverse effects <sup>5</sup>						2,137	3.7%	31.9
Cause or intent not provided						2,966	5.1%	44.3
<b>TOTALS<sup>6</sup></b>	<b>45,897</b>	<b>4,281</b>	<b>1,721</b>	<b>1,065</b>	<b>62</b>	<b>58,129</b>	<b>100%</b>	<b>868.5</b>
<b>RATE BY INTENT/per 100,000</b>	<b>685.8</b>	<b>64.0</b>	<b>25.7</b>	<b>15.9</b>	<b>0.9</b>			

**Data Source:** Massachusetts Hospital Discharge Database, Center for Health Information and Analysis (CHIA). Data are collected and reported by fiscal year (Oct. 1, 2012 - Sept. 30, 2013). Data do not include patients subsequently transferred to another hospital or who died.

- Counts represent the number of injury-related *hospital discharges*, rather than the number of individuals treated. This is because individuals may be counted more than once if they have multiple hospitalizations in the same year for the same or different injuries.  
Injury case definition: ICD-9-CM code of 800-909.2, 909.4, 909.9, 910-994.9, 995.50-995.59 or 995.80-995.85 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 6,692,824 (U.S. Census Bureau). Counts of less than 11 and associated counts are suppressed due to CHIA data confidentiality guidelines.  
Rates based on counts of less than twenty may be unstable.
- 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.