

Injury-related Observation Stays¹

2013

Injury Surveillance Program, Massachusetts Department of Public Health

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MASSACHUSETTS RESIDENTS²

INJURY CAUSE	INJURY INTENT					Total Number	Percent of Total	Crude Rate per 100,000 ⁴
	Unintentional	Intentional		Undetermined	Other & Legal ³			
		Self-inflicted	Assault					
Cut/pierce	121	82	96	<11	0	<310	2.0%	4.5
Drowning/submersion	<11	0	0	0		<11	---	---
Fall	5,190	<11	0	<11		5,196	34.7%	77.6
Fire/burn	91	0	0	<11		<102	0.6%	1.4
<i>Fire/flare</i>	31	0	0	<11		<42	0.2%	0.5
<i>Hot object/substance</i>	60	0	0	0		60	0.4%	0.9
Firearm	<11	<11	76	0	0	84	0.6%	1.3
Machinery	25					25	0.2%	0.4
Natural/Environmental	288	0		<11		<299	2.0%	4.4
<i>Dog bites</i>	50	0		0		50	0.3%	0.7
<i>Other bites & stings</i>	149	0		0		149	1.0%	2.2
<i>All other (e.g. extreme cold)</i>	89	0		<11		<100	0.6%	1.4
Overexertion	241					241	1.6%	3.6
Poisoning/overdose	569	249	<11	137	0	<966	6.4%	14.3
Struck by, against	342		115		<11	<468	3.1%	6.8
Suffocation	32	<11	<11	0		39	0.3%	0.6
Transport-related Injuries	800	<11	0	0		<811	5.4%	12.0
<i>Motor vehicle traffic-related</i>	595	<11	0	0		<606	4.0%	8.9
<i>Occupant</i>	397					397	2.7%	5.9
<i>Motorcyclist</i>	67					67	0.4%	1.0
<i>Pedal cyclist</i>	30					30	0.2%	0.4
<i>Pedestrian</i>	63					63	0.4%	0.9
<i>Other person</i>	<11					<11	---	---
<i>Unspecified</i>	32					32	0.2%	0.5
<i>Pedal cyclist, other</i>	93					93	0.6%	1.4
<i>Pedestrian, other</i>	<11					<11	---	---
<i>Transportation, other</i>	104					104	0.7%	1.6
Other-specified & classifiable	469	0	26	0	0	495	3.3%	7.4
<i>Human bites</i>	<11		<11			15	0.1%	0.2
<i>Non-powder gun (BB, pellet)</i>	<11	0	<11	0	0	<11	---	---
<i>Other specified & classifiable</i>	456	0	19	0	0	475	3.2%	7.1
Other specified, not classifiable	175	<11	43	<11	<11	232	1.6%	3.5
Unspecified	614	0	25	<11	0	<650	4.3%	9.6
Adverse effects ⁵	---	---	---	---	---	119	0.8%	1.8
Cause or intent not provided	---	---	---	---	---	4,971	33.2%	74.3
TOTALS⁶	8,973	348	385	155	<11	14,954	100.0%	223.4
RATE BY INTENT/per 100,000	134.1	5.2	5.8	2.3	---			

Data Source: Massachusetts Outpatient Observation Stays 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 admitted to the hospital or who died.

- Counts represent the number of injury-related *observation stays* rather than the number of individuals treated. This is because individuals may be counted more than once if they have multiple observation stays in the same year for the same or different injuries. Injury cases were defined as those with an 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 cause/intent 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.
- Rates are crude rates per 100,000 MA residents 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.