

Estimated Emergency Dept. Injury Visits in 2000

Injury-Related ED Discharges, Massachusetts Residents								
Cause Categories	INJURY INTENT					Number of Cases ³	Percent of Total Number	Annual Rate per 100,000
	Unintentional	Intentional		Undetermined	Other & Legal			
		Self-inflicted	Assault					
Cut/pierce	84,986	1,691	907	74	0	87,657	12.1	1,393.3
Drowning/submersion	105	6	0	12	-	123	0.0	2.0
Fall	180,818	25	19	74	-	180,935	25.0	2,876.0
Fire/burn	11,439	25	25	0	-	11,489	1.6	182.6
<i>Fire/flare</i>	1,937	19	12	0	-	1,968	0.3	31.3
<i>Hot Object/substance</i>	9,502	6	12	0	-	9,520	1.3	151.3
Firearm	105	6	80	12	0	204	0.0	3.2
Machinery	3,862	-	-	-	-	3,862	0.5	61.4
Natural/Environmental	29,375	6	-	12	-	29,394	4.1	467.2
<i>Dog bites</i>	8,996	0	-	0	-	8,996	1.2	143.0
<i>Other animal/insect</i>	18,232	0	-	0	-	18,232	2.5	289.8
<i>Other</i>	2,147	6	-	12	-	2,166	0.3	34.4
Non-powder gun (BB, pellet)	130	0	31	0	-	160	0.0	2.5
Overexertion	96,036	-	-	-	-	96,036	13.2	1,526.5
Poisoning	6,219	4,702	56	2,079	6	13,062	1.8	207.6
Struck by, against	102,323	-	10,767	-	333	113,423	15.6	1,802.9
Suffocation	648	86	25	19	-	777	0.1	12.4
Transport-related Injuries								
Motor vehicle traffic	89,520	6	6	0	-	89,533	12.3	1,423.1
<i>Occupant</i>	77,933	-	-	-	-	77,933	10.7	1,238.7
<i>Motor cyclist</i>	2,431	-	-	-	-	2,431	0.3	38.6
<i>Pedal cyclist</i>	1,191	-	-	-	-	1,191	0.2	18.9
<i>Pedestrian</i>	3,073	-	-	-	-	3,073	0.4	48.8
<i>Unspecified</i>	4,115	-	-	-	-	4,115	0.6	65.4
<i>Other MV</i>	777	-	-	-	-	790	0.1	12.6
Pedal cyclist, other	12,371	-	-	-	-	12,371	1.7	196.6
Pedestrian, other	302	-	-	-	-	302	0.0	4.8
Transportation, other	5,152	0	-	0	-	5,152	0.7	81.9
Other-specified & classifiable	34,774	12	1,049	12	0	35,848	4.9	569.8
Other-not classifiable	6,978	99	5,812	80	12	12,982	1.8	206.3
Unspecified	30,486	62	1,104	56	86	31,788	4.4	505.3
TOTAL	695,630	6,725	19,880	2,431	438	725,105	100%	11,525.6

Source: Emergency Department Injury Surveillance System. Mass. Dept. of Public Health.

Please note that a total of 10,557 estimated injury cases did not receive an External Cause of Injury Code (E-Code) and are therefore not included in this summary.

1) For the purposes of emergency department data analyses, an injury case is defined as: (a) any case having an ICD9-CM Nature of Injury Code of 800-999 in any of the ICD9 diagnosis fields [excluding Certain Adverse Effects (995.0-995.4, 995.6, 995.86, 995.89), Complications of Surgical & Medical Care (996-999), and Late Effects (905-909)], and having (b) an E-Code (External Cause of Injury Code) ranging from E800-E999 assigned to the primary E-Code field [excluding Surgical & Medical Misadventures (E870-E879), Adverse Effects in Therapeutic Use (E930.0-E949.9), and Late Effects (E929.0-E929.9, E959, E969, E989, E999)].

2) Data are based on Fiscal Year (Oct 1, 1999 – Sep 30, 2000).

3) The above statewide estimates are based on a stratified random sample of 11 hospital emergency departments that participate in the Emergency Department Injury Surveillance System. Only Massachusetts residents treated and released are included in these analyses.

4) Population data used to calculate rates are based on 1998 estimates developed by the Massachusetts Institute for Social and Economic Research. All rates are per 100,000 residents.

5) Presentation format is based on CDC Matrix for Reporting Injury Mortality. A double hyphen indicates that intentionality is not provided for this category. 'Other Intent' includes injuries due to legal intervention and operations of war.

6) All data were extracted and compiled by the Injury Surveillance Program, MDPH; 2002.