

Estimated Emergency Dept. Injury Visits in 1999

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	87,129	1,656	986	98	0	89,869	12.4	1,428.5
Drowning/submersion	133	6	0	6	-	144	0.0	2.3
Fall	180,847	46	17	58	-	180,968	24.9	2,876.5
Fire/burn	12,340	29	52	29	-	12,450	1.7	197.9
<i>Fire/flare</i>	1,846	29	29	23	-	1,927	0.3	30.6
<i>Hot Object/substance</i>	10,494	0	23	6	-	10,523	1.4	167.3
Firearm	104	17	58	40	12	231	0.0	3.7
Machinery	4,725	-	-	-	-	4,725	0.7	75.1
Natural/Environmental	30,109	6	-	17	-	30,132	4.1	478.9
<i>Dog bites</i>	9,975	0	-	0	-	9,975	1.4	158.6
<i>Other animal/insect</i>	17,780	0	-	0	-	17,780	2.4	282.6
<i>Other</i>	2,354	6	-	17	-	2,377	0.3	37.8
Non-powder gun (BB, pellet)	92	0	12	17	-	121	0.0	1.9
Overexertion	85,000	-	-	-	-	85,000	11.7	1,351.1
Poisoning	6,859	5,048	12	1,292	0	13,211	1.8	210.0
Struck by, against	104,604	0	11,844	0	237	116,684	16.1	1,854.7
Suffocation	785	87	46	12	-	929	0.1	14.8
Transport-related Injuries								
Motor vehicle traffic	89,188	0	23	29	-	89,241	12.3	1,418.5
<i>Occupant</i>	77,812	-	-	-	-	77,812	10.7	1,236.8
<i>Motor cyclist</i>	2,365	-	-	-	-	3,017	0.4	48.0
<i>Pedal cyclist</i>	1,252	-	-	-	-	2,365	0.3	37.6
<i>Pedestrian</i>	3,017	-	-	-	-	1,252	0.2	19.9
<i>Unspecified</i>	4,286	-	-	-	-	4,286	0.6	68.1
<i>Other MV</i>	456	-	-	-	-	508	0.1	8.1
<i>Pedal cyclist, other</i>	11,676	-	-	-	-	11,676	1.6	185.6
<i>Pedestrian, other</i>	369	-	-	-	-	369	0.1	5.9
<i>Transportation, other</i>	4,546	0	-	0	-	4,546	0.6	72.3
Other-specified & classifiable	36,033	12	2,031	0	0	38,075	5.2	605.2
Other-not classifiable	6,167	542	4,875	46	6	11,636	1.6	185.0
Unspecified	34,620	35	1,402	104	69	36,229	5.0	575.9
TOTAL	695,326	7,482	21,357	1,748	323	726,236	100%	11,543.6

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

Please note that a total of 11,849 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 12 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; 2001.