

Injury Fatalities

2006

MASSACHUSETTS RESIDENTS

- ◆ There were 2,910 injury fatalities among Massachusetts residents in 2006, a rate of 45.2 fatalities per 100,000 residents.

INJURY CAUSE	INJURY INTENT					Total Number	Percent of Total	Crude Rate per 100,000 ²
	Unintentional	Intentional		Undetermined	Other & Legal ¹			
		Suicide	Homicide					
Cut/pierce	2	13	40	1	0	56	1.9	0.9
Drowning/submersion	45	13	0	9		67	2.3	1.0
Fall	406	16	0	2		424	14.6	6.6
Fire/burn	30	2	1	1		34	1.2	0.5
Firearm	1	98	105	0	3	207	7.1	3.2
Machinery	5					5	0.2	--
Natural/environmental	17					17	0.6	0.3
Overexertion	0					0	0.0	0.0
Poisoning	821	114	0	54	0	989	34.0	15.4
Struck by, against	14	0	13	0	0	27	0.9	0.4
Suffocation/hanging	109	166	9	1		285	9.8	4.4
Transport Injuries:	493	0	0	0	0	493	16.9	7.7
<i>Motor vehicle traffic-related</i>	444					444	15.3	6.9
<i>Occupant</i>	85					85	2.9	1.3
<i>Motorcyclist</i>	54					54	1.9	0.8
<i>Pedal cyclist</i>	4					4	0.1	--
<i>Pedestrian</i>	74					74	2.5	1.1
<i>Other person</i>	0					0	0.0	0.0
<i>Unspecified person</i>	227					227	7.8	3.5
<i>Pedal cyclist, other</i>	3					3	0.1	--
<i>Pedestrian, other</i>	6					6	0.2	0.1
<i>Other land transport</i>	33					33	1.1	0.5
<i>Other transport</i>	7					7	0.2	0.1
Other specified & classifiable	20	10	1	1	0	32	1.1	0.5
Other specified, not classifiable	19	3	6	3	0	31	1.1	0.5
Unspecified	188	2	8	8	0	206	7.1	3.2
Adverse Effects ³						37	1.3	0.6
TOTAL DEATHS	2,170	437	183	80	3	2,910	100%	45.2
Injury Death Rate by Intent	33.9	6.8	2.9	1.3	--	n/a	n/a	n/a

Source: Registry of Vital Records and Statistics, Massachusetts Department of Public Health.

¹ Legal Intervention includes fatalities resulting from police actions and operations of war.

² Rates are per 100,000 residents. Rates provided here are not age-adjusted and may differ slightly from other department publications. Rates are not calculated on counts of less than five. Rates that are based on counts less than twenty may be unstable.

³ Adverse Effects can be related to medical and surgical care procedures, or to the use of therapeutic substances (including allergic reactions).

—An injury-related fatality is defined as any death with an ICD-10 code of U01-U03 or V01-Y89 in the underlying cause field.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data." This framework does not provide for intentionality for certain cause categories as indicated by gray shading.

—Injury subcategories are italicized.

—Analysis is based on a calendar year (Jan 1 - Dec 31, 2006).

—Massachusetts residents who died in or out-of-state are included in this analysis: non-Massachusetts residents are excluded from the analysis.

—Population data used to calculate rates are based on the 2006 Modified Age, Race, and Sex file: MA 2006 population estimate is 6,437,193.

—Beginning in 1999 a new revision of the International Classification of Disease system (ICD-10) was used to code for cause of death. Please note that years prior to 1999 may not be comparable.

—Data were extracted and compiled by the Injury Surveillance Program, MDPH, February 2008.

