

# Injury Fatalities

# 2005

## MASSACHUSETTS RESIDENTS

- ◆ There were 2,657 injury fatalities among Massachusetts residents in 2005, a rate of 41.5 fatalities per 100,000 residents.

INJURY CAUSE	INJURY INTENT					Total Number	Percent of Total	Crude Rate per 100,000 <sup>2</sup>
	Unintentional	Intentional		Undetermined	Other & Legal <sup>1</sup>			
		Suicide	Homicide					
Cut/pierce	0	17	38	0	0	55	2.1	0.9
Drowning/submersion	54	11	0	9		74	2.8	1.2
Fall	267	13	0	3		283	10.7	4.4
Fire/burn	42	2	1	0		45	1.7	0.7
Firearm	3	111	107	0	1	222	8.4	3.5
Machinery	4					4	0.2	--
Natural/environmental	17					17	0.6	0.3
Overexertion	0					0	0.0	--
Poisoning	627	107	0	68	0	802	30.2	12.5
Struck by, against	13	0	8	0	0	21	0.8	0.3
Suffocation/hanging	114	201	6	5		326	12.3	5.1
Transport Injuries:	496	0	0	0	0	496	18.7	7.8
<i>Motor vehicle traffic-related</i>	446					446	16.8	7.0
<i>Occupant</i>	74					74	2.8	1.2
<i>Motorcyclist</i>	55					55	2.1	0.9
<i>Pedal cyclist</i>	4					4	0.2	--
<i>Pedestrian</i>	73					73	2.7	1.1
<i>Other person</i>	0					0	0.0	--
<i>Unspecified person</i>	240					240	9.0	3.8
<i>Pedal cyclist, other</i>	2					2	0.1	--
<i>Pedestrian, other</i>	6					6	0.2	0.1
<i>Other land transport</i>	32					32	1.2	0.5
<i>Other transport</i>	10					10	0.4	0.2
Other specified & classifiable	5	4	6	0	0	15	0.6	0.2
Other specified, not classifiable	16	2	4	6	0	28	1.1	0.4
Unspecified	225	1	7	4	0	237	8.9	3.7
Adverse Effects <sup>3</sup>						32	1.2	0.5
<b>TOTAL DEATHS</b>	<b>1,883</b>	<b>469</b>	<b>177</b>	<b>95</b>	<b>1</b>	<b>2,657</b>	<b>100%</b>	<b>41.5</b>
Injury Death Rate by Intent	29.4	7.3	2.8	1.5	--	n/a	n/a	n/a

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

<sup>1</sup> Legal Intervention includes fatalities resulting from police actions and operations of war.

<sup>2</sup> 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.

<sup>3</sup> 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, 2005).

—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 2005 population estimates released August 4, 2006 by the US Census Bureau. Estimated 2005 Massachusetts population; 6,398,743

—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 2007.

