

# Injury Fatalities

# 2004

## MASSACHUSETTS RESIDENTS

- ◆ There were 2,615 injury fatalities among Massachusetts residents in 2004, a rate of 40.8 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	1	21	39	2	0	63	2.4	1.0
Drowning/submersion	42	10	0	23		75	2.9	1.2
Fall	272	12	1	6		291	11.1	4.5
Fire/burn	33	4	0	3		40	1.5	0.6
Firearm	4	94	105	1	1	205	7.8	3.2
Machinery	6					6	0.2	0.1
Natural/environmental	19					19	0.7	0.3
Overexertion	0					0	0.0	0.0
Poisoning	99	95	0	540	0	734	28.1	11.4
Struck by, against	10	0	10	0	0	20	0.8	0.3
Suffocation/hanging	109	180	4	6		299	11.4	4.7
Transport Injuries:	549	0	0	0	0	549	21.0	8.6
<i>Motor vehicle traffic-related</i>	508					508	19.4	7.9
<i>Occupant</i>	101					101	3.9	1.6
<i>Motorcyclist</i>	70					70	2.7	1.1
<i>Pedal cyclist</i>	4					4	0.2	--
<i>Pedestrian</i>	89					89	3.4	1.4
<i>Other person</i>	0					0	0.0	0.0
<i>Unspecified person</i>	244					244	9.3	3.8
<i>Pedal cyclist, other</i>	2					2	0.1	--
<i>Pedestrian, other</i>	5					5	0.2	0.1
<i>Other land transport</i>	19					19	0.7	0.3
<i>Other transport</i>	15					15	0.6	0.2
Other specified & classifiable	9	8	3	0	0	20	0.8	0.3
Other specified, not classifiable	7	3	6	6	1	23	0.9	0.4
Unspecified	192	2	7	15	0	216	8.3	3.4
Adverse Effects <sup>3</sup>						55	2.1	0.9
<b>TOTAL DEATHS</b>	<b>1,352</b>	<b>429</b>	<b>175</b>	<b>602</b>	<b>2</b>	<b>2,615</b>	<b>100%</b>	<b>40.8</b>
Injury Death Rate by Intent	21.1	6.7	2.7	9.4	0.0	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, 2004).

—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 2004 population estimates released August 11, 2005 by the US Census Bureau. Estimated 2004 Massachusetts population; 6,416,505.

—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, July 2006.

