

Injury Fatalities

2002

MASSACHUSETTS RESIDENTS

- ◆ There were 2,637 injury fatalities among Massachusetts residents in 2002, a rate of 41.5 fatalities per 100,000 residents.

INJURY CAUSE	INJURY INTENT					Total Number	Percent of Total	Rate per 100,000 ²
	Unintentional	Intentional		Undetermined	Other & Legal ¹			
		Suicide	Homicide					
Cut/pierce	1	20	46	0	0	67	2.5	1.1
Drowning/submersion	47	11	0	5		63	2.4	1.0
Fall	222	18	0	9		249	9.4	3.9
Fire/burn	51	4	2	1		58	2.2	0.9
Firearms	6	98	93	1	4	202	7.7	3.2
Machinery	6					6	0.2	--
Natural/environmental	23					23	0.9	0.4
Overexertion	0					0	0.0	0.0
Poisoning	57	88	0	545	0	690	26.2	10.9
Struck by, against	6	0	23	0	0	29	1.1	0.5
Suffocation/hanging	150	160	8	4		322	12.2	5.1
Transport Injuries:	570	2	0	0	0	572	21.7	9.0
<i>Motor vehicle traffic-related</i>	522					522	19.8	8.2
<i>Occupant</i>	81					81	3.1	1.3
<i>Motorcyclist</i>	55					55	2.1	0.9
<i>Pedal cyclist</i>	0					0	0.0	0.0
<i>Pedestrian</i>	71					71	2.7	1.1
<i>Other person</i>	0					0	0.0	0.0
<i>Unspecified person</i>	315					315	11.9	5.0
<i>Pedal cyclist, other</i>	3					3	0.1	--
<i>Pedestrian, other</i>	4					4	0.2	--
<i>Other land transport</i>	31					31	1.2	0.5
<i>Other transport</i>	10					10	0.4	0.2
Other specified & classifiable	6	15	4	1	0	26	1.0	0.4
Other specified, not classifiable	16	6	1	5	0	28	1.1	0.4
Unspecified	250	3	8	8	0	269	10.2	4.2
Adverse Effects ³						33	1.3	0.5
TOTALS	1,411	425	185	579	4	2,637	100%	41.5

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

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, 2002).

—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 US Census Bureau, Census 2000 P.L. 94-171 Redistricting File. Rates are not age-adjusted.

—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, June 2004.