

Injury Fatalities to Massachusetts Residents

1999

There were 2,323 injury-related fatalities among Massachusetts residents in 1999; an annual rate of 36.9 fatalities per 100,000 residents

Cause Categories	Injury Intent					Total Numbers	Annual Rate per 100,000
	Unintentional	Self-Inflicted	Homicide	Undetermined	Other & Legal**		
Adverse Effects*	-	-	-	-	-	51	0.8
Cut/pierce	0	16	25	1	0	42	0.7
Drowning/submersion	42	8	0	10	-	60	1.0
Fall	206	17	0	1	-	224	3.6
Fire/burn	48	1	4	5	-	58	0.9
Firearms	0	118	58	4	2	182	2.9
Machinery	5	-	-	-	-	5	0.1
Natural/environmental	25	0	-	0	-	25	0.4
Overexertion	0	-	-	-	-	0	0.0
Poisoning	52	99	1	381	0	533	8.5
Struck by, against	9	-	4	-	0	13	0.2
Suffocation/hanging	122	156	9	2	-	289	4.6
<i>Transport Injuries:</i>	<i>477</i>	<i>2</i>	<i>1</i>	<i>0</i>	<i>0</i>	<i>480</i>	<i>7.6</i>
<i>Motor vehicle-related</i>	<i>427</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>427</i>	<i>6.8</i>
Occupant	102	-	-	-	-	102	1.6
Motorcyclist	36	-	-	-	-	36	0.6
Pedal Cyclist	5	-	-	-	-	5	0.1
Pedestrian	76	-	-	-	-	76	1.2
Unspecified MV	208	-	-	-	-	208	3.3
Other MV	0	-	-	-	-	0	0.0
Pedal cyclist, other	2	-	-	-	-	2	0.0
Pedestrian, other	25	-	-	-	-	25	0.4
Other land transport	13	-	-	-	-	13	0.2
Other transport	10	-	-	-	-	10	0.2
Other specified & classifiable	12	2	2	4	0	20	0.3
Other specified, not classifiable	31	10	5	2	0	48	0.8
Unspecified	266	1	19	7	0	293	4.7
Totals	1,295	430	128	417	2	2,323	36.9

Source: Registry of Vital Records and Statistics, Mass. Dept. of Public Health.

—For the purposes of this analysis, an injury-related fatality is defined as any death with an ICD-10 code of V01-Y36, Y85-Y87, Y89 in the underlying cause field.

—Injury death analysis is based on calendar year (Jan 1 - Dec 31, 1999).

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

—Presentation format is based on CDC Matrix for Reporting Injury Mortality (ICD-10 codes: W65-W74, X71, X92, Y21)

—Population data used to calculate rates are based on 1998 population estimates developed by the Massachusetts Institute for Social and Economic Research.

—ICD9 to ICD10 continuity: in 1999 a new revision of the International Classification of Disease system (ICD-10), was used to code for cause of death. Although this new revision brings more specificity in many areas, injury categories may not be comparable to past years in frequency or rates per population.

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

**Legal Intervention includes fatalities resulting from legal interventions such as legal execution, police actions, and operations of war.

All data were extracted and compiled by the Injury Surveillance Program, Mass. Dept. of Public Health (October 2004)

All data were extracted and compiled by the Injury Surveillance Program, Mass. Dept. of Public Health. (October 2001)