

Injury Fatalities to Massachusetts Residents

1998

There were 2,412 injury-related fatalities among Massachusetts residents in 1998; an annual rate of 38.3 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*	-	-	-	-	-	44	0.7
Cut/pierce	1	10	28	0	0	39	0.6
Drowning/submersion	61	8	0	21	-	90	1.4
Fall	192	23	0	2	-	217	3.4
Fire/burn	51	4	4	0	-	59	0.9
Firearms	2	153	63	1	0	219	3.5
Machinery	6	-	-	-	-	6	0.1
Natural/environmental	12	0	-	0	-	12	0.2
Overexertion	0	-	-	-	-	0	0.0
Poisoning	35	118	0	418	0	571	9.1
Struck by, against	6	-	9	-	0	15	0.2
Suffocation/hanging	108	173	3	1	-	285	4.5
<i>Transport Injuries:</i>	<i>506</i>	<i>2</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>508</i>	<i>8.1</i>
<i>Motor vehicle-related</i>	<i>473</i>	<i>2</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>475</i>	<i>7.6</i>
Occupant	224	-	-	-	-	224	3.6
Motorcyclist	26	-	-	-	-	26	0.4
Pedal Cyclist	3	-	-	-	-	3	0.0
Pedestrian	97	-	-	-	-	97	1.5
Unspecified MV	121	-	-	-	-	121	1.9
Other MV	2	-	-	-	-	2	0.0
Pedal cyclist, other	1	-	-	-	-	1	0.0
Pedestrian, other	10	-	-	-	-	10	0.2
Other transport	22	-	-	-	-	22	0.3
Other specified & classifiable	27	4	3	1	0	35	0.6
Other specified, not classifiable	1	6	5	5	0	17	0.3
Unspecified	275	2	8	10	0	295	4.7
Totals	1,283	503	123	459	0	2,412	38.3

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-9 code ranging from 800-999 in the underlying cause field.

—Injury death analysis is based on calendar year (Jan 1 - Dec 31, 1998).

—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

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

* 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 2001)

