

Injury Fatalities

2012

MASSACHUSETTS RESIDENTS

- ◆ There were **3,013** injury fatalities among Massachusetts residents in 2012, a rate of **45.3** injury deaths per 100,000 residents.

INJURY CAUSE	INJURY INTENT					Total Number	Percent of Total	Crude Rate per 100,000 ²
	Unintentional	Intentional		Undetermined	Other & Legal ¹			
		Suicide	Homicide					
Cut/pierce	1	22	27	1	0	51	1.7	0.8
Drowning/submersion	40	8	1	13		62	2.1	0.9
Fall	627	13	0	2		642	21.3	9.7
Fire/burn	23	5	0	0		28	0.9	0.4
Firearm	1	152	77	2	3	235	7.8	3.5
Machinery	2					2	0.1	0.0
Natural/environmental	6					6	0.2	0.1
Poisoning	810	126	0	27	0	963	32.0	14.5
Struck by, against	8		1		0	9	0.3	0.1
Suffocation/hanging	132	265	6	1		404	13.4	6.1
Transport Injuries:	393	2	5	1	0	401	13.3	6.0
<i>Motor vehicle traffic-related</i>	354					354	11.7	5.3
<i>Occupant</i>	41					41	1.4	0.6
<i>Motorcyclist</i>	59					59	2.0	0.9
<i>Pedal cyclist</i>	13					13	0.4	0.2
<i>Pedestrian</i>	79					79	2.6	1.2
<i>Unspecified person</i>	162					162	5.4	2.4
<i>Pedal cyclist, other</i>	6					6	0.2	0.1
<i>Pedestrian, other</i>	6					6	0.2	0.1
<i>Other land transport</i>	16					16	0.5	0.2
<i>Other transport</i>	11					11	0.4	0.2
Other specified & classifiable	18	10	0	0	0	28	0.9	0.4
Other specified, not classifiable	24	8	6	4	1	43	1.4	0.6
Unspecified	101	5	17	16	0	139	4.6	2.1
TOTAL INJURY DEATHS	2,186	616	140	67	4	3,013	100%	45.3
Injury Death Rate by Intent	32.9	9.3	2.1	1.0	0.1	n/a	n/a	n/a
Adverse Effects ³						40	--	--

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 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.

³ Adverse Effects can be related to medical and surgical care procedures, or to the use of therapeutic substances (including allergic reactions). Please note that in 2012, we began using the the same definition for injury deaths as the Centers for Disease Control and Prevention (CDC) which excludes adverse effects. The numbers are still provided, but are not included in total injury deaths.

—An injury-related fatality is defined as any death with an ICD-10 code of U01-U03, V01-Y36, Y85-Y87 or Y89 in the underlying cause field.

—Categories and groupings are based on 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, 2012).

—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 Census Estimates for 2012 MA population (6,645,303).

—Data were extracted and compiled by the Injury Surveillance Program, MDPH, April 2014.