

Injury Fatalities

2014

MASSACHUSETTS RESIDENTS

- ◆ There were **3,689** injury fatalities among Massachusetts residents in 2014, a rate of **54.7** 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	21	33	0	0	55	1.5	0.8
Drowning/submersion	34	10	0	8		52	1.4	0.8
Fall	635	17	0	0		652	17.7	9.7
Fire/burn	34	6	0	2		42	1.1	0.6
Firearm	2	130	90	0	3	225	6.1	3.3
Machinery	6					6	0.2	0.1
Natural/environmental	11					11	0.3	0.2
Poisoning	1,442	124	1	30	0	1,597	43.3	23.7
Struck by, against	13		0		0	13	0.4	0.2
Suffocation/hanging	119	287	4	2		412	11.2	6.1
Transport Injuries:	415	2	0	0	0	417	11.3	6.2
<i>Motor vehicle traffic-related</i>	368	2				370	10.0	5.5
<i>Occupant</i>	41	2				43	1.2	0.6
<i>Motorcyclist</i>	47					47	1.3	0.7
<i>Pedal cyclist</i>	7					7	0.2	0.1
<i>Pedestrian</i>	83					83	2.2	1.2
<i>Unspecified person</i>	190					190	5.2	2.8
<i>Pedal cyclist, other</i>	5					5	0.1	0.1
<i>Pedestrian, other</i>	13					13	0.4	0.2
<i>Other land transport</i>	26					26	0.7	0.4
<i>Other transport</i>	3					3	0.1	0.0
Other specified & classifiable	12	12	0	0	0	24	0.7	0.4
Other specified, not classifiable	16	3	6	2	0	27	0.7	0.4
Unspecified	119	4	19	14	0	156	4.2	2.3
TOTAL DEATHS	2,859	616	153	58	3	3,689	100%	54.7
Injury Death Rate by Intent	42.4	9.1	2.3	0.9	--	n/a	n/a	n/a
Adverse Effects ³						53	--	--

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 as part of the total.

—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 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, 2014).

—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 2014 MA population (6,745,408).

—Data were extracted and compiled by the Injury Surveillance Program, MDPH, December 2016