

# Injury Deaths to MA Residents

# 2019

**Injuries** are the leading cause of death for people ages 1 through 44. In 2019, there were **4,997** injury deaths among Massachusetts residents<sup>1</sup>, a rate of **71.8** injuries for every 100,000 residents. The leading causes of injury deaths were poisonings, falls and suffocations.

Key Indicators	INJURY INTENT					Totals
	Unintentional	Suicide	Homicide	Undetermined	Legal Intervention/Other <sup>2</sup>	
Total Counts by Injury Intent	4,094	651	159	86	7	4,997
Percent by Intent	81.9%	13.0%	3.2%	1.7%	0.1%	100.0%
Rate per 100,000 population <sup>3</sup>	58.8	9.3	2.3	1.2	0.1	71.8

Injury Cause	Unintentional	Suicide	Homicide	Undetermined	Legal Intervention/Other <sup>2</sup>	Subtotal Counts	Percent of Total <sup>4</sup>	Crude Rate per 100,000 <sup>3</sup>
Cut/pierce	1	21	41	0	0	63	1.3%	0.9
Drowning/submersion	56	13	0	9		78	1.6%	1.1
Fall	1,007	26	2	0		1,035	20.7%	14.9
Fire/burn	41	8	0	3		52	1.0%	0.7
Firearm	1	143	96	4	5	249	5.0%	3.6
Machinery	3					3	0.1%	--
Natural/environmental	26					26	0.5%	0.4
Poisoning <sup>5</sup>	2,177	118	0	43	0	2,338	46.8%	33.6
<i>Drug poisoning</i>	2,119	83	0	41	0	2,243	44.9%	32.2
<i>Non-drug poisoning</i>	58	35	0	2	0	95	1.9%	1.4
Struck by, against	11		1	0	0	12	0.2%	0.2
Suffocation/hanging	182	304	4	1		491	9.8%	7.1
Transport Injuries <sup>5</sup>	419	0	1	0	0	420	8.4%	6.0
<i>Motor vehicle traffic-related</i>	381	0	0	0		381	7.6%	5.5
<i>Occupant<sup>6</sup></i>	257					257	5.1%	3.7
<i>Motorcyclist</i>	38					38	0.8%	0.5
<i>Pedal cyclist</i>	2					2	<0.1%	--
<i>Pedestrian</i>	84					84	1.7%	1.2
<i>Pedal cyclist, other</i>	5					5	0.1%	0.1
<i>Pedestrian, other</i>	11					11	0.2%	0.2
<i>Other land transport</i>	15		1			16	0.3%	0.2
<i>Other transport</i>	7					7	0.1%	0.1
Other specified & classifiable	32	12	0	1	0	45	0.9%	0.6
Other specified, not classifiable	38	5	1	1	2	47	0.9%	0.7
Unspecified	100	0	13	24	0	137	2.7%	2.0

**Source:** Registry of Vital Records and Statistics, Massachusetts Department of Public Health.

1) Includes Massachusetts residents who died in or out-of-state. Non-MA residents are excluded. 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.

Counts may differ from other analyses (e.g., death report), due to slight definitional differences.

2) Includes fatalities resulting from police actions and operations of war.

3) Rates provided are crude rather than age-adjusted and may differ slightly from other department publications. Rates are not calculated on counts of less than five, and rates based on counts less than twenty may be unstable. Data used to calculate rates are based on small area population estimates from the Donahue Institute, MDPH, Bureau of Environmental Health; 2019 MA population 6,964,383.

4) Totals may not sum to 100% due to rounding.

5) Includes subcategories (shown in italics).

6) Includes motor vehicle drivers, passengers, and unspecified persons.

• Injury categories 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.

• Data were extracted and compiled by the Injury Surveillance Program, MDPH, February 2022, Release Date: May 2022

