

2008

Injury-related Hospital Discharges MA Youth & Young Adults, Ages 15-24 Years

There were **4,373** injury-related hospital discharges among Massachusetts youth ages 15-24 in FY2008, a rate of 463.0 per 100,000 youth. Poisonings and motor vehicle traffic-related injuries were the leading causes of injury-related hospitalization for this age group.

INJURY CAUSE	INJURY INTENT					Total Count	Percent of Total Count	Crude Rate per 100,000
	Unintentional	Intentional		Undetermined	Other & Legal			
		Self-inflicted	Assault					
Cut/pierce	74	140	198	<7	0	416	9.5	44.0
Drowning/submersion	0	0	0	0		0	0.0	0.0
Fall	543	12	0	<7		556	12.7	58.9
Fire/burn	44	<7	<7	<7		51	1.2	5.4
Firearms	10	<7	171	<7	<7	194	4.4	20.5
Machinery	22					22	0.5	2.3
Natural/environmental	78	0		<7		79	1.8	8.4
<i>Dog bites</i>	18	0		0		18	0.4	1.9
<i>Other bites & stings</i>	41	0		0		41	0.9	4.3
<i>All other (e.g. extreme cold)</i>	19	0		<7		20	0.5	2.1
Overexertion	69					69	1.6	7.3
Poisoning	198	658	0	71	0	927	21.3	98.1
Struck by, against	205	0	197	0	0	402	9.2	42.6
Suffocation/hanging	11	16	0	0		27	0.6	2.9
Transport Injuries:	957	<7	<7	<7	0	965	22.1	102.2
<i>Motor vehicle traffic-related</i>	782	<7	<7	<7	0	790	18.1	83.6
<i>Occupant</i>	558					558	12.8	59.1
<i>Motorcyclist</i>	96					96	2.2	10.2
<i>Pedal cyclist</i>	26					26	0.6	2.8
<i>Pedestrian</i>	78					78	1.8	8.3
<i>Other person</i>	<7					<7	0.1	0.6
<i>Unspecified person</i>	18					18	0.4	1.9
<i>Pedal cyclist, other</i>	53					53	1.2	5.6
<i>Pedestrian, other</i>	11					11	0.3	1.2
<i>Other transport</i>	111					111	2.5	11.8
Other specified & classifiable	156	1	40	0	0	197	4.5	20.9
Other specified, not classifiable	62	24	43	10	3	142	3.3	15.0
Unspecified	102	7	17	3	3	132	3.0	14.0
Adverse Effects						68	1.6	7.2
No cause or intent provided						126	2.9	13.3
TOTALS	2,531	867	671	99	11	4,373	100.275	463.0
Injury Hospitalization Rate by Intent	268.0	91.8	71.0	10.5	1.2	n/a	n/a	n/a

Source: MA Hospital Discharge Database, MA Division of Health Care, Finance and Policy.

—Analysis is based on a fiscal year (Oct 1, 2007- Sep 30, 2008).

—Rates are per 100,000 residents. Rates are not calculated on counts less than five, and those based on counts less than 20 may be unstable.

—Categories and groupings are based on a modified version of the CDC's "Recommended framework of E-code groupings for presenting injury mortality and morbidity data" based on ICD-9 codes. This framework does not provide for intentionality for certain cause categories as indicated by gray shading. Injury subcategories are italicized and counts are excluded from the overall totals.

—Questions regarding the data presented here can be directed to the Injury Surveillance Program, MA Dept. of Public Health (617) 624-5648.

Data prepared by the Injury Surveillance Program, Bureau of Health Information, Statistics, Research and Evaluation, Massachusetts Department of Public Health, July 2009