

2005

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

There were 4,630 injury-related hospital discharges among Massachusetts youth ages 15-24 in FY2005, a rate of 544.3 per 100,000 youth. Motor vehicle traffic-related injuries were the leading cause of injury-related hospitalization for this age group, followed by poisonings.

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	104	131	214	4	0	453	9.8	53.3
Drowning/submersion	4	0	0	0		4	0.1	--
Fall	499	9	0	6		514	11.1	60.4
Fire/flame & burns	42	5	2	1		50	1.1	5.9
Firearms	10	2	156	10	1	179	3.9	21.0
Machinery	35					35	0.8	4.1
Natural/environmental	82	0		0		82	1.8	9.6
<i>Dog bites</i>	19	0		0		19	0.4	2.2
<i>Other bites & stings</i>	42	0		0		42	0.9	4.9
<i>All other (e.g. extreme cold)</i>	21	0		0		21	0.5	2.5
Overexertion	60					60	1.3	7.1
Poisoning	238	666	0	88	0	992	21.4	116.6
Struck by, against	231	0	198	0	2	431	9.3	50.7
Suffocation/hanging	12	14	0	0		26	0.6	3.1
Transport Injuries:	1,231	0	0	0	0	1,231	26.6	144.7
<i>Motor vehicle traffic-related</i>	1,049	0	0	0	0	1,049	22.7	123.3
<i>Occupant</i>	790					790	17.1	92.9
<i>Motorcyclist</i>	116					116	2.5	13.6
<i>Pedal cyclist</i>	27					27	0.6	3.2
<i>Pedestrian</i>	91					91	2.0	10.7
<i>Other person</i>	4					4	0.1	--
<i>Unspecified person</i>	21					21	0.5	2.5
<i>Pedal cyclist, other</i>	42					42	0.9	4.9
<i>Pedestrian, other</i>	11					11	0.2	1.3
<i>Other transport</i>	129					129	2.8	15.2
Other specified & classifiable	143	2	32	0	0	177	3.8	20.8
Other specified, not classifiable	49	15	30	6	1	101	2.2	11.9
Unspecified	105	12	40	4	1	162	3.5	19.0
Adverse Effects						53	1.1	6.2
No cause or intent provided						80	1.7	9.4
TOTALS	2,845	856	672	119	5	4,630	100.0	544.3
Injury Hospitalization Rate by Intent	334.4	100.6	79.0	14.0	0.6	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, 2004- Sep 30, 2005).

—Rates are per 100,000 residents. Rates are not calculated on counts of less than five, and those based on counts less than twenty 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.