

MASSACHUSETTS CAUSE OF FATAL INJURY BY INTENT FOR AGES 0-24, 1993-97 MAF+

<u>Cause of Injury</u>	<u>Intent</u>						Average	95% CI	
	Unintentional MAF	Suicide MAF	Homicide MAF	Undetermined MAF	Other MAF	Total MAF	Rate /100,000	Lower	Upper
Cut/pierce	0.2	0.0	2.8	0.0	0.0	3.0	0.2	0.0	0.3
Drowning/submersion	20.2	0.4	0.0	0.4	*	21.0	1.1	0.6	1.5
Falls	4.4	2.8	0.0	0.6	*	7.8	0.4	0.1	0.7
Fire/hot object or substance	12.8	0.0	0.8	0.0	*	13.6	0.7	0.3	1.1
Firearms	1.4	20.4	55.8	1.0	0.0	78.0	4.0	3.1	4.9
Machinery	0.8	*	*	*	*	0.8	0.0	0.0	0.1
MV Traffic	142.0	0.4	*	0.0	*	142.4	7.2	6.0	8.4
<i>MV-Occupant</i>	83.6	*	*	*	*	83.6	4.2	3.3	5.2
<i>MV-Motorcycle</i>	11.0	*	*	*	*	11.0	0.6	0.2	0.9
<i>MV-Pedal Cycle</i>	4.0	*	*	*	*	4.0	0.2	0.0	0.4
<i>MV-Pedestrian</i>	20.0	*	*	*	*	20.0	1.0	0.6	1.5
<i>Unspecified</i>	23.2	*	*	*	*	23.2	1.2	0.7	1.7
Non MV-Pedal Cycle	0.6	*	*	*	*	0.6	0.0	--	--
Non MV-Pedestrian	3.0	*	*	*	*	3.0	0.2	0.0	0.3
Other Transport	3.2	0.0	*	0.0	*	2.4	0.1	0.0	0.3
Natural/environment	0.4	0.0	*	0.0	*	0.4	0.0	--	--
<i>Bites & Stings</i>	0.2	*	*	*	*	0.2	0.0	--	--
Overexertion	0.0	*	*	*	*	0.0	0.0	--	--
Poisoning	2.4	10.8	0.2	23.0	0.0	26.2	1.3	0.8	1.8
Struck by/against	2.0	*	1.4	*	0.0	3.0	0.2	0.0	0.3
Suffocation	7.0	28.0	0.6	1.0	*	20.4	1.0	0.6	1.5
Other specified and classifiable	1.4	1.6	2.6	0.2	0.0	5.8	0.3	0.0	0.5
Other specified and not elsewhere classifiable	0.6	1.0	5.4	0.6	0.0	7.6	0.4	0.1	0.7
Unspecified	1.8	0.4	2.8	0.8	0.0	4.2	0.2	0.0	0.4
All Injury	204.2	65.8	72.4	27.6	0.0	370.0	18.8	16.8	20.7
Total Injury Rates by Intent	10.4	3.3	3.7	1.4	0.0	18.8			
Adverse events/effects^	*	*	*	*	*	2.0	0.1	0.0	0.2
All External Causes						372.0	18.9	16.9	20.8
MIDYEAR POPULATION FOR AGES 0-24						1969626			

+Mean Annual Frequencies

Note: "*" represents categories in which no E codes are assigned

^Adverse effects have been excluded from the "All Injury" category but are included in the "All External Causes" category.

Produced by Children's Safety Network National Injury Data Technical Assistance Center & Children's Safety Network Economics and Insurance Resource Center
 Similar tables are available for all states at: <http://www.nidtac.org>

Rates presented in this table are based on 5-year averages. Rates based on small numbers are likely to be unstable. Thus, it may be inappropriate to make decisions based upon a comparison of the rates presented here with local single-year rates.

Data were obtained from the 1993-97 Multiple Cause-of-Death File CD-ROM Series, prepared by NCHS, Division of Vital Statistics and Division of Data Services

MASSACHUSETTS UNDETERMINED FATAL INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 0-24, 1993-97

<u>Cause of Injury</u>	Mean Annual Frequencies	Average Rate/100,000	Total Years Potential Life Lost	Total State Specific Estimated Lifetime Productivity Loss	Total State Specific Medical, Legal & Administrative Costs	Total Monetary Cost of Injuries
Cut/pierce	0.0	0.0	0	0	0	0
Drowning/submersion	0.4	0.0	27	466,356	11,939	478,295
Falls	0.6	0.0	36	776,957	18,618	795,575
Fire/hot object or substance	0.0	0.0	0	0	0	0
<i>Fire/flame</i>	0.0	0.0	0	0	0	0
<i>Hot object/substance</i>	0.0	0.0	0	0	0	0
Firearms	1.0	0.1	63	1,228,013	30,417	1,258,430
MV Traffic	0.0	0.0	0	0	0	0
Other Transport	0.0	0.0	0	0	0	0
Natural/environment	0.0	0.0	0	0	0	0
Poisoning	23.0	1.2	1,368	29,748,044	713,370	30,461,414
Suffocation	1.0	0.1	66	1,175,897	29,939	1,205,836
Other specified and classifiable	0.2	0.0	12	258,986	6,206	265,192
Other specified, not elsewhere classifiable	0.6	0.0	38	741,644	18,294	759,938
Unspecified	0.8	0.0	54	921,665	23,776	945,441
MIDYEAR POPL. FOR AGES 0-24	1,969,626					

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MASSACHUSETTS HOMICIDE RELATED INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 0-24, 1993-97

<u>Cause of Injury</u>	Mean Annual Frequencies	Average Rate/100,000	Total Years Potential Life Lost	Total State Specific Estimated Lifetime Productivity Loss	Total State Specific Medical, Legal & Administrative Costs	Total Monetary Cost of Injuries
Cut/pierce	2.8	0.1	171	3,542,583	86,121	3,628,704
Drowning/submersion	0.0	0.0	0	0	0	0
Falls	0.0	0.0	0	0	0	0
Fire/hot object or substance	0.8	0.0	56	881,098	23,405	904,502
<i>Fire/flame</i>	0.8	0.0	56	881,098	23,405	904,502
<i>Hot object/substance</i>	0.0	0.0	0	0	0	0
Firearms	55.8	2.8	3,340	71,826,131	1,727,531	73,553,662
Poisoning	0.2	0.0	13	243,185	6,061	249,246
Struck by/against	1.4	0.1	88	1,720,448	42,594	1,763,042
Suffocation	0.6	0.0	36	776,957	18,618	795,575
Other specified and classifiable	2.6	0.1	184	2,828,297	75,740	2,904,037
Other specified, not elsewhere classifiable	5.4	0.3	350	6,459,621	1,237,962	7,697,583
Unspecified	2.8	0.1	188	3,226,597	83,224	3,309,821
MIDYEAR POPL. FOR AGES 0-24	1,969,626					

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Suicide

MASSACHUSETTS SUICIDE RELATED INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 0-24, 1993-97

<u>Cause of Injury</u>	Mean Annual Frequencies	Average Rate/100,000	Total Years Potential Life Lost	Total State Specific Estimated Lifetime Productivity Loss	Total State Specific Medical, Legal & Administrative Costs	Total Monetary Cost of Injuries
Cut/pierce	0.0	0.0	0	0	0	0
Drowning/submersion	0.4	0.0	24	517,971	12,412	530,383
Falls	2.8	0.1	166	3,625,800	86,884	3,712,684
Fire/hot object or substance	0.0	0.0	0	0	0	0
<i>Fire/flame</i>	0.0	0.0	0	0	0	0
<i>Hot object/substance</i>	0.0	0.0	0	0	0	0
Firearms	20.4	1.0	1,215	26,369,141	632,580	27,001,721
MV Traffic	0.4	0.0	24	517,971	101,559	619,530
Other Transport	0.0	0.0	0	0	0	0
Natural/environment	0.0	0.0	0	0	0	0
Overexertion	10.8	0.5	642	13,985,229	335,126	14,320,354
Poisoning	10.8	0.5	642	13,985,229	335,126	14,320,354
Suffocation	28.0	1.4	1,679	36,005,185	866,525	36,871,711
Other specified and classifiable	1.6	0.1	95	2,071,886	49,648	2,121,534
Other specified, not elsewhere classifiable	1.0	0.1	59	1,294,929	31,030	1,325,959
Unspecified	0.4	0.0	24	517,971	12,412	530,383
MIDYEAR POPL. FOR AGES 0-24	1,969,626					

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MASSACHUSETTS UNINTENTIONAL FATAL INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 0-24, 1993-97

<u>Cause of Injury</u>	Mean Annual Frequencies	Average Rate/100,000	Total Years Potential Life Lost	Total State Specific Estimated Lifetime Productivity Loss	Total State Specific Medical, Legal & Administrative Costs	Total Monetary Cost of Injuries
Cut/pierce	0.2	0.0	13	243,185	6,061	249,246
Drowning/submersion	20.2	1.0	1,327	23,876,663	605,896	24,482,559
Falls	4.4	0.2	289	5,192,313	131,899	5,324,212
Fire/hot object or substance	12.8	0.6	875	14,512,010	378,271	14,890,280
<i>Fire/flame</i>	12.8	0.6	875	14,512,010	378,271	14,890,280
<i>Hot object/substance</i>	0.0	0.0	0	0	0	0
Firearms	1.4	0.1	84	1,797,099	43,297	1,840,396
Machinery	0.8	0.0	53	932,713	23,878	956,590
MV Traffic	142.0	7.2	8,608	180,852,628	35,509,258	216,361,885
<i>MV-Occupant</i>	83.6	4.2	5,028	107,152,172	21,027,399	128,179,571
<i>MV-Motorcycle</i>	11.0	0.6	654	14,228,414	2,790,033	17,018,446
<i>MV-Pedal Cycle</i>	4.0	0.2	251	4,954,789	975,155	5,929,944
<i>MV-Pedestrian</i>	20.0	1.0	1,268	24,480,875	4,823,098	29,303,972
<i>Unspecified</i>	23.2	1.2	1,393	29,793,193	5,845,634	35,638,827
Non MV-Pedal Cycle	0.6	0.0	39	725,843	18,149	743,992
Non MV-Pedestrian	3.0	0.2	186	3,747,244	91,829	3,839,073
Other Transport	3.2	0.2	194	4,080,568	98,717	4,179,284
Natural/environment	0.4	0.0	27	466,356	11,939	478,295
<i>Bites & Stings</i>	0.2	0.0	15	207,371	5,733	213,103
Overexertion	0.0	0.0	0	0	0	0
Poisoning	2.4	0.1	145	3,072,515	74,149	3,146,664
Struck by/against	2.0	0.1	130	2,384,398	60,177	2,444,575
Suffocation	7.0	0.4	470	8,084,901	208,228	8,293,130
Other specified and classifiable	1.4	0.1	85	1,781,298	43,152	1,824,450
Other specified, not elsewhere classifiable	0.6	0.0	37	761,156	18,473	779,629
Unspecified	1.8	0.1	116	2,174,714	54,422	2,229,137
MIDYEAR POPL. FOR AGES 0-24	1,969,626					

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MASSACHUSETTS FATAL INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 0-24, 1993-97

Cause of Injury by Intent	Mean Annual Frequencies	Average Rate/100,000	Total Years Potential Life Lost	Total State Specific Estimated Lifetime Productivity Loss	Total State Specific Medical, Legal & Administrative Costs	Total Monetary Cost of Injuries
Cut/pierce (TOTAL)	3.0	0.2	184	3,785,768	92,182	3,877,950
Unintentional	0.2	0.0	13	243,185	6,061	249,246
Suicide	0.0	0.0	0	0	0	0
Homicide	2.8	0.1	171	3,542,583	86,121	3,628,704
Undetermined	0.0	0.0	0	0	0	0
Other	0.0	0.0	0	0	0	0
Drowning/submersion (TOTAL)	21.0	1.1	1,378	24,860,990	630,247	25,491,237
Unintentional	20.2	1.0	1,327	23,876,663	605,896	24,482,559
Suicide	0.4	0.0	24	517,971	12,412	530,383
Homicide	0.0	0.0	0	0	0	0
Undetermined	0.4	0.0	27	466,356	11,939	478,295
Falls (TOTAL)	7.8	0.4	491	9,595,070	237,402	9,832,472
Unintentional	4.4	0.2	289	5,192,313	131,899	5,324,212
Suicide	2.8	0.1	166	3,625,800	86,884	3,712,684
Homicide	0.0	0.0	0	0	0	0
Undetermined	0.6	0.0	36	776,957	18,618	795,575
Fire/hot object or substance (TOTAL)	13.6	0.7	931	15,393,107	401,675	15,794,782
Unintentional	12.8	0.6	875	14,512,010	378,271	14,890,280
Suicide	0.0	0.0	0	0	0	0
Homicide	0.8	0.0	56	881,098	23,405	904,502
Undetermined	0.0	0.0	0	0	0	0
<i>Fire/flames (TOTAL)</i>	13.6	0.7	931	15,393,107	401,675	15,794,782
<i>Unintentional</i>	12.8	0.6	875	14,512,010	378,271	14,890,280
<i>Suicide</i>	0.0	0.0	0	0	0	0
<i>Homicide</i>	0.8	0.0	56	881,098	23,405	904,502
<i>Undetermined</i>	0.0	0.0	0	0	0	0
<i>Hot object/substance (TOTAL)</i>	0.0	0.0	0	0	0	0
<i>Unintentional</i>	0.0	0.0	0	0	0	0
<i>Suicide</i>	0.0	0.0	0	0	0	0
<i>Homicide</i>	0.0	0.0	0	0	0	0
<i>Undetermined</i>	0.0	0.0	0	0	0	0
Firearm (TOTAL)	78.0	4.0	4,660	100,549,367	2,416,178	102,965,545
Unintentional	1.4	0.1	84	1,797,099	43,297	1,840,396
Suicide	20.4	1.0	1,215	26,369,141	632,580	27,001,721
Homicide	55.8	2.8	3,340	71,826,131	1,727,531	73,553,662
Undetermined	1.0	0.1	63	1,228,013	30,417	1,258,430
Other		0.0	0	0	0	0
Machinery (Unint)	0.8	0.0	53	932,713	23,878	956,590

<u>Cause of Injury by Intent</u>	Mean Annual Frequencies	Average Rate/100,000	Total Years Potential Life Lost	Total State Specific Estimated Lifetime Productivity Loss	Total State Specific Medical, Legal & Administrative Costs	Total Monetary Cost of Injuries
MV traffic (Total)	142.4	7.2	8,631	181,370,599	35,610,817	216,981,416
Unintentional	142.0	7.2	8,608	180,852,628	35,509,258	216,361,885
<i>MV-Occupant (Unint)</i>	83.6	4.2	5,028	107,152,172	21,027,399	128,179,571
<i>MV-Motorcyclist (Unint)</i>	11.0	0.6	654	14,228,414	2,790,033	17,018,446
<i>MV-Pedal Cyclist (Unint)</i>	4.0	0.2	251	4,954,789	975,155	5,929,944
<i>MV-Pedestrian (Unint)</i>	20.0	1.0	1,268	24,480,875	4,823,098	29,303,972
<i>Unspecified (Unint)</i>	23.2	1.2	1,393	29,793,193	5,845,634	35,638,827
Suicide	0.4	0.0	24	517,971	101,559	619,530
Undetermined	0.0	0.0	0	0	0	0
Non MV-Pedal cyclist (Unint)	0.6	0.0	39	725,843	18,149	743,992
Non MV-Pedestrian (Unint)	3.0	0.2	186	3,747,244	91,829	3,839,073
Other Transport (TOTAL)	2.4	0.1	143	3,107,829	74,472	3,182,301
Unintentional	3.2	0.2	194	4,080,568	98,717	4,179,284
Suicide	0.0	0.0	0	0	0	0
Undetermined	0.0	0.0	0	0	0	0
Natural/environmental (TOTAL)	0.4	0.0	27	466,356	11,939	478,295
Unintentional	0.4	0.0	27	466,356	11,939	478,295
<i>Bites & Stings (Unint)</i>	0.2	0.0	15	207,371	5,733	213,103
Suicide	0.0	0.0	0	0	0	0
Undetermined	0.0	0.0	0	0	0	0
Overexertion (Unint)	0.0	0.0	0	0	0	0
Poisoning (TOTAL)	26.2	1.3	1,556	33,927,129	812,990	34,740,119
Unintentional	2.4	0.1	145	3,072,515	74,149	3,146,664
Suicide	10.8	0.5	642	13,985,229	335,126	14,320,354
Homicide	0.2	0.0	13	243,185	6,061	249,246
Undetermined	23.0	1.2	1,368	29,748,044	713,370	30,461,414
Other	0.0	0.0	0	0	0	0
Struck by/against (TOTAL)	3.0	0.2	195	3,586,875	90,359	3,677,234
Unintentional	2.0	0.1	130	2,384,398	60,177	2,444,575
Homicide	1.4	0.1	88	1,720,448	42,594	1,763,042
Other	0.0	0.0	0	0	0	0
Suffocation (TOTAL)	20.4	1.0	1,266	25,478,019	624,408	26,102,427
Unintentional	7.0	0.4	470	8,084,901	208,228	8,293,130
Suicide	28.0	1.4	1,679	36,005,185	866,525	36,871,711
Homicide	0.6	0.0	36	776,957	18,618	795,575
Undetermined	1.0	0.1	66	1,175,897	29,939	1,205,836

Cause of Injury by Intent	Mean Annual Frequencies	Average Rate/100,000	Total Years Potential Life Lost	Total State Specific Estimated Lifetime Productivity Loss	Total State Specific Medical, Legal & Administrative Costs	Total Monetary Cost of Injuries
Other specified and classifiable	5.8	0.3	376	6,940,467	174,747	7,115,214
Unintentional	1.4	0.1	85	1,781,298	43,152	1,824,450
Suicide	1.6	0.1	95	2,071,886	49,648	2,121,534
Homicide	2.6	0.1	184	2,828,297	75,740	2,904,037
Undetermined	0.2	0.0	12	258,986	6,206	265,192
Other	0.0	0.0	0	0	0	0
Other specified, not elsewhere classifiable	7.6	0.4	484	9,257,350	230,473	9,487,823
Unintentional	0.6	0.0	37	761,156	18,473	779,629
Suicide	1.0	0.1	59	1,294,929	31,030	1,325,959
Homicide	5.4	0.3	350	6,459,621	1,237,962	7,697,583
Undetermined	0.6	0.0	38	741,644	18,294	759,938
Other	0.0	0.0	0	0	0	0
Unspecified	4.2	0.2	287	4,769,062	124,186	4,893,248
Unintentional	1.8	0.1	116	2,174,714	54,422	2,229,137
Suicide	0.4	0.0	24	517,971	12,412	530,383
Homicide	2.8	0.1	188	3,226,597	83,224	3,309,821
Undetermined	0.8	0.0	54	921,665	23,776	945,441
Other	0.0	0.0	0	0	0	0
Total Unintentional	204.2	10.4				
Total Suicides	65.8	3.3				
Total Homicides	72.4	3.7				
Total Undetermined	27.6	1.4				
Total Other	0.0	0.0				
All Injury	370.0	18.8				
MIDYEAR POPL. FOR AGES 0-24	1969626.0					
Adverse events/effects	2.0	0.1				
ALL EXTERNAL CAUSES	372.0	18.9				

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