

MASSACHUSETTS CAUSE OF FATAL INJURY BY INTENT FOR AGES 15-19, 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	0.0	0.0	1.0	0.0	0.0	1.0	0.3	0.0	0.8
Drowning/submersion	4.6	0.0	0.0	0.0	*	4.6	1.3	0.1	2.5
Falls	0.8	1.0	0.0	0.4	*	2.2	0.6	0.0	1.5
Fire/hot object or substance	0.4	0.0	0.0	0.0	*	0.4	0.1	0.0	0.5
Firearms	0.0	7.0	25.0	0.2	0.0	32.2	9.1	5.9	12.2
Machinery	0.2	*	*	*	*	0.2	0.1	0.0	0.3
MV Traffic	55.6	0.4	*	0.0	*	56.0	15.7	11.5	20.0
<i>MV-Occupant</i>	37.6	*	*	*	*	37.6	10.6	7.1	14.0
<i>MV-Motorcycle</i>	3.2	*	*	*	*	3.2	0.9	0.0	1.9
<i>MV-Pedal Cycle</i>	0.6	*	*	*	*	0.6	0.2	0.0	0.6
<i>MV-Pedestrian</i>	6.2	*	*	*	*	6.2	1.7	--	--
<i>Unspecified</i>	8.0	*	*	*	*	8.0	2.2	0.7	3.8
Non MV-Pedal Cycle	0.2	*	*	*	*	0.2	0.1	0.0	0.3
Non MV-Pedestrian	1.4	*	*	*	*	1.4	0.4	0.0	1.1
Other Transport	0.2	0.0	*	0.0	*	0.2	0.1	0.0	0.3
Natural/environment	0.2	0.0	*	0.0	*	0.2	0.1	0.0	0.3
<i>Bites & Stings</i>	0.0	*	*	*	*	0.0	0.0	--	--
Overexertion	0.0	*	*	*	*	0.0	0.0	--	--
Poisoning	0.4	3.2	0.0	6.0	0.0	0.0	0.0	--	--
Struck by/against	0.4	*	0.0	*	0.0	0.0	0.0	--	--
Suffocation	1.6	12.4	0.4	0.2	*	0.0	0.0	--	--
Other specified and classifiable	0.4	0.2	0.6	0.0	0.0	1.2	0.3	0.0	1.0
Other specified and not elsewhere classifiable	0.4	0.6	2.0	0.4	0.0	3.4	1.0	0.0	2.0
Unspecified	0.4	0.4	0.6	0.2	0.0	0.0	0.0	--	--
All Injury	67.2	25.2	29.6	7.4	0.0	129.4	36.4	30.0	42.8
Total Injury Rates by Intent	18.9	7.1	8.3	2.1	0.0	36.4			
Adverse events/effects^	*	*	*	*	*	0.4	0.1	0.0	0.5
All External Causes						129.8	36.5	30.1	42.9
MIDYEAR POPULATION FOR AGES 15-19						355638			

+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 15-19, 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 Injury
Cut/pierce	0.0	0.0	0	\$0	\$0	\$0
Drowning/submersion	0.0	0.0	0	\$0	\$0	\$0
Falls	0.4	0.1	24	\$517,971	\$12,412	\$530,383
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	0.2	0.1	12	\$258,986	\$6,206	\$265,192
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	6.0	1.7	356	\$7,769,572	\$186,181	\$7,955,752
Suffocation	0.2	0.1	12	\$258,986	\$6,206	\$265,192
Other specified and classifiable	0.0	0.0	0	\$0	\$0	\$0
Other specified, not elsewhere classifiable	0.4	0.1	24	\$517,971	\$12,412	\$530,383
Unspecified	0.2	0.1	12	\$258,986	\$6,206	\$265,192

MIDYEAR POPL. FOR AGES 15-19

355,638

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MASSACHUSETTS HOMICIDE RELATED INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 15-19, 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 Injury
Cut/pierce	1.0	0.3	59	\$1,294,929	\$31,030	\$1,325,959
Drowning/submersion	0.0	0.0	0	\$0	\$0	\$0
Falls	0.0	0.0	0	\$0	\$0	\$0
Fire/hot object or substance	0.0	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	25.0	7.0	1,485	\$32,373,215	\$775,754	\$33,148,969
Poisoning	0.0	0.0	0	\$0	\$0	\$0
Struck by/against	0.0	0.0	0	\$0	\$0	\$0
Suffocation	0.4	0.1	24	\$517,971	\$12,412	\$530,383
Other specified and classifiable	0.6	0.2	36	\$776,957	\$18,618	\$795,575
Other specified, not elsewhere classifiable	2.0	0.6	119	\$2,589,857	\$62,060	\$2,651,917
Unspecified	0.6	0.2	36	\$776,957	\$18,618	\$795,575
MIDYEAR POPL. FOR AGES 15-19	355,638					

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MASSACHUSETTS SUICIDE RELATED INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 15-19, 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 Injury
Cut/pierce	0.0	0.0	0	\$0	\$0	\$0
Drowning/submersion	0.0	0.0	0	\$0	\$0	\$0
Falls	1.0	0.3	59	\$1,294,929	\$31,030	\$1,325,959
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	7.0	2.0	416	\$9,064,500	\$217,211	\$9,281,711
MV Traffic	0.4	0.1	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
Poisoning	3.2	0.9	190	\$4,143,772	\$99,296	\$4,243,068
Suffocation	12.4	3.5	737	\$16,057,115	\$384,774	\$16,441,888
Other specified and classifiable	0.2	0.1	12	\$258,986	\$6,206	\$265,192
Other specified, not elsewhere classifiable	0.6	0.2	36	\$776,957	\$18,618	\$795,575
Unspecified	0.4	0.1	24	\$517,971	\$12,412	\$530,383

MIDYEAR POPL. FOR AGES 15-19

355,638

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MASSACHUSETTS UNINTENTIONAL FATAL INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 15-19, 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 Injury
Cut/pierce	0.0	0.0	0	\$0	\$0	\$0
Drowning/submersion	4.6	1.3	273	\$5,956,672	\$142,739	\$6,099,410
Falls	0.8	0.2	48	\$1,035,943	\$24,824	\$1,060,767
Fire/hot object or substance	0.4	0.1	24	\$517,971	\$12,412	\$530,383
<i>Fire/flame</i>	0.4	0.1	24	\$517,971	\$12,412	\$530,383
<i>Hot object/substance</i>	0.0	0.0	0	\$0	\$0	\$0
Firearms	0.0	0.0	0	\$0	\$0	\$0
Machinery	0.2	0.1	12	\$258,986	\$6,206	\$265,192
MV Traffic	55.6	15.6	3303	\$71,998,030	\$14,116,704	\$86,114,735
<i>MV-Occupant</i>	37.6	10.6	2233	\$48,689,315	\$9,546,548	\$58,235,864
<i>MV-Motorcycle</i>	3.2	0.9	190	\$4,143,772	\$812,472	\$4,956,244
<i>MV-Pedal Cycle</i>	0.6	0.2	36	\$776,957	\$152,339	\$929,296
<i>MV-Pedestrian</i>	6.2	1.7	368	\$8,028,557	\$1,574,165	\$9,602,722
<i>Unspecified</i>	8.0	2.2	475	\$10,359,429	\$2,031,181	\$12,390,609
Non MV-Pedal Cycle	0.2	0.1	12	\$258,986	\$6,206	\$265,192
Non MV-Pedestrian	1.4	0.4	83	\$1,812,900	\$43,442	\$1,856,342
Other Transport	0.2	0.1	12	\$258,986	\$6,206	\$265,192
Natural/environment	0.2	0.1	12	\$258,986	\$6,206	\$265,192
<i>Bites & Stings</i>	0.0	0.0	0	\$0	\$0	\$0
Overexertion	0.0	0.0	0	\$0	\$0	\$0
Poisoning	0.4	0.1	24	\$517,971	\$12,412	\$530,383
Struck by/against	0.4	0.1	24	\$517,971	\$12,412	\$530,383
Suffocation	1.6	0.4	95	\$2,071,886	\$49,648	\$2,121,534
Other specified and classifiable	0.4	0.1	24	\$517,971	\$12,412	\$530,383
Other specified, not elsewhere classifiable	0.4	0.1	24	\$517,971	\$12,412	\$530,383
Unspecified	0.4	0.1	24	\$517,971	\$12,412	\$530,383

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MASSACHUSETTS FATAL INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 15-19, 1993-97

<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 Injury
Cut/pierce (TOTAL)	1.0	0.3	59	\$1,294,929	\$31,030	\$1,325,959
Unintentional	0.0	0.0	0	\$0	\$0	\$0
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	1.0	0.3	59	\$1,294,929	\$31,030	\$1,325,959
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Other	0.0	0.0	0	\$0	\$0	\$0
Drowning/submersion (TOTAL)	4.6	1.3	273	\$5,956,672	\$142,739	\$6,099,410
Unintentional	4.6	1.3	273	\$5,956,672	\$142,739	\$6,099,410
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.0	0.0	0	\$0	\$0	\$0
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Falls (TOTAL)	2.2	0.6	131	\$2,848,843	\$68,266	\$2,917,109
Unintentional	0.8	0.2	48	\$1,035,943	\$24,824	\$1,060,767
Suicide	1.0	0.3	59	\$1,294,929	\$31,030	\$1,325,959
Homicide	0.0	0.0	0	\$0	\$0	\$0
Undetermined	0.4	0.1	24	\$517,971	\$12,412	\$530,383
Fire/hot object or substance (TOTAL)	0.4	0.1	24	\$517,971	\$12,412	\$530,383
Unintentional	0.4	0.1	24	\$517,971	\$12,412	\$530,383
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.0	0.0	0	\$0	\$0	\$0
Undetermined	0.0	0.0	0	\$0	\$0	\$0
<i>Fire/flames (TOTAL)</i>	0.4	0.1	24	\$517,971	\$12,412	\$530,383
<i>Unintentional</i>	0.4	0.1	24	\$517,971	\$12,412	\$530,383
<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
<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)	32.2	9.1	1,913	\$41,696,701	\$999,171	\$42,695,871
Unintentional	0.0	0.0	0	\$0	\$0	\$0
Suicide	7.0	2.0	416	\$9,064,500	\$217,211	\$9,281,711
Homicide	25.0	7.0	1,485	\$32,373,215	\$775,754	\$33,148,969
Undetermined	0.2	0.1	12	\$258,986	\$6,206	\$265,192
Other	0.0	0.0	0	\$0	\$0	\$0
Machinery (Unint)	0.2	0.1	12	\$258,986	\$6,206	\$265,192

<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 Injury
MV traffic (Total)	56.0	15.7	3,326	\$72,516,002	\$14,218,264	\$86,734,265
Unintentional	55.6	15.6	3,303	\$71,998,030	\$14,116,704	\$86,114,735
<i>MV-Occupant (Unint)</i>	37.6	10.6	2,233	\$48,689,315	\$9,546,548	\$58,235,864
<i>MV-Motorcyclist (Unint)</i>	3.2	0.9	190	\$4,143,772	\$812,472	\$4,956,244
<i>MV-Pedal Cyclist (Unint)</i>	0.6	0.2	36	\$776,957	\$152,339	\$929,296
<i>MV-Pedestrian (Unint)</i>	6.2	1.7	368	\$8,028,557	\$1,574,165	\$9,602,722
<i>Unspecified (Unint)</i>	8.0	2.2	475	\$10,359,429	\$2,031,181	\$12,390,609
Suicide	0.4	0.1	24	\$517,971	\$101,559	\$619,530
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Non MV-Pedal cyclist (Unint)	0.2	0.1	12	\$258,986	\$6,206	\$265,192
Non MV-Pedestrian (Unint)	1.4	0.4	83	\$1,812,900	\$43,442	\$1,856,342
Other Transport (TOTAL)	0.2	0.1	12	\$258,986	\$6,206	\$265,192
Unintentional	0.2	0.1	12	\$258,986	\$6,206	\$265,192
Suicide	0.0	0.0	0	\$0	\$0	\$0
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Natural/environmental (TOTAL)	0.2	0.1	12	\$258,986	\$6,206	\$265,192
Unintentional	0.2	0.1	12	\$258,986	\$6,206	\$265,192
<i>Bites & Stings (Unint)</i>	0.0	0.0	0	\$0	\$0	\$0
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)	0.0	0.0	0	\$0	\$0	\$0
Unintentional	0.4	0.1	24	\$517,971	\$12,412	\$530,383
Suicide	3.2	0.9	190	\$4,143,772	\$99,296	\$4,243,068
Homicide	0.0	0.0	0	\$0	\$0	\$0
Undetermined	6.0	1.7	356	\$7,769,572	\$186,181	\$7,955,752
Other	0.0	0.0	0	\$0	\$0	\$0
Struck by/against (TOTAL)	0.0	0.0	0	\$0	\$0	\$0
Unintentional	0.4	0.1	24	\$517,971	\$12,412	\$530,383
Homicide	0.0	0.0	0	\$0	\$0	\$0
Other	0.0	0.0	0	\$0	\$0	\$0
Suffocation (TOTAL)	0.0	0.0	0	\$0	\$0	\$0
Unintentional	1.6	0.4	95	\$2,071,886	\$49,648	\$2,121,534
Suicide	12.4	3.5	737	\$16,057,115	\$384,774	\$16,441,888
Homicide	0.4	0.1	24	\$517,971	\$12,412	\$530,383
Undetermined	0.2	0.1	12	\$258,986	\$6,206	\$265,192

<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 Injury
Other specified and classifiable	1.2	0.3	71	\$1,553,914	\$37,236	\$1,591,150
Unintentional	0.4	0.1	24	\$517,971	\$12,412	\$530,383
Suicide	0.2	0.1	12	\$258,986	\$6,206	\$265,192
Homicide	0.6	0.2	36	\$776,957	\$18,618	\$795,575
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Other	0.0	0.0	0	\$0	\$0	\$0
Other specified, not elsewhere classifiable	3.4	1.0	202	\$4,402,757	\$105,502	\$4,508,260
Unintentional	0.4	0.1	24	\$517,971	\$12,412	\$530,383
Suicide	0.6	0.2	36	\$776,957	\$18,618	\$795,575
Homicide	2.0	0.6	119	\$2,589,857	\$62,060	\$2,651,917
Undetermined	0.4	0.1	24	\$517,971	\$12,412	\$530,383
Other	0.0	0.0	0	\$0	\$0	\$0
Unspecified	0.0	0.0	0	\$0	\$0	\$0
Unintentional	0.4	0.1	24	\$517,971	\$12,412	\$530,383
Suicide	0.4	0.1	24	\$517,971	\$12,412	\$530,383
Homicide	0.6	0.2	36	\$776,957	\$18,618	\$795,575
Undetermined	0.2	0.1	12	\$258,986	\$6,206	\$265,192
Other	0.0	0.0	0	\$0	\$0	\$0
Total Unintentional	67.2	18.9				
Total Suicides	25.2	7.1				
Total Homicides	29.6	8.3				
Total Undetermined	7.4	2.1				
Total Other	0.0	0.0				
All Injury	129.4	36.4				
MIDYEAR POPL. FOR AGES 15-19	355638.0					
Adverse events/effects	0.4	0.1				
ALL EXTERNAL CAUSES	129.8	36.5				
				Estimated Lifetime Productivity Loss State Multiplier	Medical, Legal & Administrative Costs State Multiplier	
				1.185	1.373	

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