

**MONTANA CAUSE OF FATAL INJURY BY INTENT FOR AGES 1-4, 1993-97 MAF+**

<u>Cause of Injury</u>	<b>Intent</b>				Total MAF	Average Rate/100,000	95% C I	
	Unintentional MAF	Homicide MAF	Undetermined MAF	Other MAF			Lower	Upper
Cut/pierce	0.2	0.0	0.0	0.0	0.2	0.4	0.0	2.4
Drowning/submersion	2.4	0.0	0.2	*	2.6	5.7	0.0	12.8
Falls	0.0	0.0	0.0	*	0.0	0.0	--	--
Fire/hot object or substance	0.8	0.0	0.0	*	0.8	1.8	0.0	5.7
Firearms	0.2	0.2	0.0	0.0	0.4	0.9	0.0	3.6
Machinery	0.4	*	*	*	0.4	0.9	0.0	3.6
MV Traffic	2.8	*	0.0	*	2.8	6.1	0.0	13.5
<i>MV-Occupant</i>	2.0	*	*	*	2.0	4.4	0.0	10.6
<i>MV-Motorcycle</i>	0.0	*	*	*	0.0	0.0	--	--
<i>MV-Pedal Cycle</i>	0.0	*	*	*	0.0	0.0	--	--
<i>MV-Pedestrian</i>	0.8	*	*	*	0.8	1.8	0.0	5.7
<i>Unspecified</i>	0.0	*	*	*	0.0	0.0	--	--
Non MV-Pedal Cycle	0.0	*	*	*	0.0	0.0	--	--
Non MV-Pedestrian	1.2	*	*	*	1.2	2.6	0.0	7.4
Other Transport	0.0	*	0.0	*	0.0	0.0	--	--
Natural/environment	0.0	*	0.0	*	0.0	0.0	--	--
<i>Bites &amp; Stings</i>	0.0	*	*	*	0.0	0.0	--	--
Overexertion	0.0	*	*	*	0.0	0.0	--	--
Poisoning	0.0	0.2	0.0	0.0	0.0	0.0	--	--
Struck by/against	0.2	0.0	*	0.0	0.2	0.4	0.0	2.4
Suffocation	0.2	0.0	0.0	*	0.2	0.4	0.0	2.4
Other specified and classifiable	0.2	0.8	0.0	0.0	1.0	2.2	0.0	6.6
Other specified and not elsewhere classifiable	0.0	0.4	0.2	0.0	0.6	1.3	0.0	4.7
Unspecified	0.2	0.2	0.0	0.0	0.4	0.9	0.0	3.6
<b>All Injury</b>	<b>8.8</b>	<b>1.8</b>	<b>0.4</b>	<b>0.0</b>	<b>11.0</b>	<b>24.1</b>	9.6	38.6
<b>Total Injury Rates by Intent</b>	<b>19.3</b>	<b>3.9</b>	<b>0.9</b>	<b>0.0</b>	<b>24.1</b>			
Adverse events/effects^	*	*	*	*	0.4	0.9	0.0	3.6
<b>All External Causes</b>					<b>11.4</b>	<b>25.0</b>	10.2	39.8
<b>MIDYEAR POPULATION FOR AGES 1-4</b>					45657			

+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

**MONTANA UNDETERMINED FATAL INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 1-4, 1993-1997**

<b><u>Cause of Injury</u></b>	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	0.2	0.4	14.72	\$141,922	\$4,393	\$146,315
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	0.0	0.0	0	\$0	\$0	\$0
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	0.0	0.0	0	\$0	\$0	\$0
Suffocation	0.0	0.0	0	\$0	\$0	\$0
Other specified and classifiable	0.0	0.0	0	\$0	\$0	\$0
Other specified, not elsewhere classifiable	0.2	0.4	14.72	\$141,922	\$4,393	\$146,315
Unspecified	0.0	0.0	0	\$0	\$0	\$0

**MIDYEAR POPL FOR AGES 1-4**

45657

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**MONTANA HOMICIDE RELATED INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 1-4, 1993-97**

<b><u>Cause of Injury</u></b>	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	0.0	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	0.2	0.4	14.72	\$141,922	\$4,393	\$146,315
Poisoning	0.2	0.4	14.72	\$141,922	\$4,393	\$146,315
Struck by/against	0.0	0.0	0	\$0	\$0	\$0
Suffocation	0.0	0.0	0	\$0	\$0	\$0
Other specified and classifiable	0.8	1.8	58.88	\$567,688	\$17,570	\$585,258
Other specified, not elsewhere classifiable	0.4	0.9	29.44	\$283,844	\$498,456	\$782,300
Unspecified	0.2	0.4	14.72	\$141,922	\$4,393	\$146,315
<b>MIDYEAR POPL. FOR AGES 1-4</b>	<b>45657</b>					

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**MONTANA UNINTENTIONAL FATAL INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 1-4, 1993-97**

<b><u>Cause of Injury</u></b>	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	0.2	0.4	14.72	\$141,922	\$4,393	\$146,315
Drowning/submersion	2.4	5.3	176.64	\$1,703,064	\$52,710	\$1,755,774
Falls	0.0	0.0	0	\$0	\$0	\$0
Fire/hot object or substance	0.8	1.8	58.88	\$567,688	\$17,570	\$585,258
<i>Fire/flame</i>	0.8	1.8	58.88	\$567,688	\$17,570	\$585,258
<i>Hot object/substance</i>	0.0	0.0	0	\$0	\$0	\$0
Firearms	0.2	0.4	14.72	\$141,922	\$4,393	\$146,315
Machinery	0.4	0.9	29.44	\$283,844	\$8,785	\$292,629
MV Traffic	2.8	6.1	206.08	\$1,986,908	\$445,177	\$2,432,085
<i>MV-Occupant</i>	2.0	4.4	147.2	\$1,419,220	\$317,983	\$1,737,203
<i>MV-Motorcycle</i>	0.0	0.0	0	\$0	\$0	\$0
<i>MV-Pedal Cycle</i>	0.0	0.0	0	\$0	\$0	\$0
<i>MV-Pedestrian</i>	0.8	1.8	58.88	\$567,688	\$127,193	\$694,881
<i>Unspecified</i>	0.0	0.0	0	\$0	\$0	\$0
Non MV-Pedal Cycle	0.0	0.0	0	\$0	\$0	\$0
Non MV-Pedestrian	1.2	2.6	88.32	\$851,532	\$26,355	\$877,887
Other Transport	0.0	0.0	0	\$0	\$0	\$0
Natural/environment	0.0	0.0	0	\$0	\$0	\$0
<i>Bites &amp; Stings</i>	0.0	0.0	0	\$0	\$0	\$0
Overexertion	0.0	0.0	0	\$0	\$0	\$0
Poisoning	0.0	0.0	0	\$0	\$0	\$0
Struck by/against	0.2	0.4	14.72	\$141,922	\$4,393	\$146,315
Suffocation	0.2	0.4	14.72	\$141,922	\$4,393	\$146,315
Other specified and classifiable	0.2	0.4	14.72	\$141,922	\$4,393	\$146,315
Other specified, not elsewhere classifiable	0.0	0.0	0	\$0	\$0	\$0
Unspecified	0.2	0.4	14.72	\$141,922	\$4,393	\$146,315

**MIDYEAR POPL. FOR AGES 1-4**

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**MONTANA FATAL INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 1-4, 1993-97**

<b>Cause of Injury by Intent</b>	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
<b>Cut/pierce (TOTAL)</b>	<b>0.2</b>	<b>0.4</b>	<b>15</b>	<b>\$141,922</b>	<b>\$4,393</b>	<b>\$146,315</b>
Unintentional	0.2	0.4	15	\$141,922	\$4,393	\$146,315
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
Other	0.0	0.0	0	\$0	\$0	\$0
<b>Drowning/submersion (TOTAL)</b>	<b>2.6</b>	<b>5.7</b>	<b>191</b>	<b>\$1,844,986</b>	<b>\$57,103</b>	<b>\$1,902,089</b>
Unintentional	2.4	5.3	177	\$1,703,064	\$52,710	\$1,755,774
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.0	0.0	0	\$0	\$0	\$0
Undetermined	0.2	0.4	15	\$141,922	\$4,393	\$146,315
<b>Falls (TOTAL)</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Unintentional	0.0	0.0	0	\$0	\$0	\$0
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
<b>Fire/hot object or substance (TOTAL)</b>	<b>0.8</b>	<b>1.8</b>	<b>59</b>	<b>\$567,688</b>	<b>\$17,570</b>	<b>\$585,258</b>
Unintentional	0.8	1.8	59	\$567,688	\$17,570	\$585,258
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>	<b>0.8</b>	<b>1.8</b>	<b>59</b>	<b>\$567,688</b>	<b>\$17,570</b>	<b>\$585,258</b>
<i>Unintentional</i>	0.8	1.8	59	\$567,688	\$17,570	\$585,258
<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>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<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
<b>Firearm (TOTAL)</b>	<b>0.4</b>	<b>0.9</b>	<b>29</b>	<b>\$283,844</b>	<b>\$8,785</b>	<b>\$292,629</b>
Unintentional	0.2	0.4	15	\$141,922	\$4,393	\$146,315
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.2	0.4	15	\$141,922	\$4,393	\$146,315
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Other	0.0	0.0	0	\$0	\$0	\$0
<b>Machinery (Unint)</b>	<b>0.4</b>	<b>0.9</b>	<b>29</b>	<b>\$283,844</b>	<b>\$8,785</b>	<b>\$292,629</b>

<b>Cause of Injury by Intent</b>	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
<b>MV traffic (Total)</b>	<b>2.8</b>	<b>6.1</b>	<b>206</b>	<b>\$1,986,908</b>	<b>\$445,177</b>	<b>\$2,432,085</b>
Unintentional	2.8	6.1	206	\$1,986,908	\$445,177	\$2,432,085
<i>MV-Occupant (Unint)</i>	2.0	4.4	147	\$1,419,220	\$317,983	\$1,737,203
<i>MV-Motorcyclist (Unint)</i>	0.0	0.0	0	\$0	\$0	\$0
<i>MV-Pedal Cyclist (Unint)</i>	0.0	0.0	0	\$0	\$0	\$0
<i>MV-Pedestrian (Unint)</i>	0.8	1.8	59	\$567,688	\$127,193	\$694,881
<i>Unspecified (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
<b>Non MV-Pedal cyclist (Unint)</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Non MV-Pedestrian (Unint)</b>	<b>1.2</b>	<b>2.6</b>	<b>88</b>	<b>\$851,532</b>	<b>\$26,355</b>	<b>\$877,887</b>
<b>Other Transport (TOTAL)</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Unintentional	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
<b>Natural/environmental (TOTAL)</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Unintentional	0.0	0.0	0	\$0	\$0	\$0
<i>Bites &amp; 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
<b>Overexertion (Unint)</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Poisoning (TOTAL)</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Unintentional	0.0	0.0	0	\$0	\$0	\$0
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.2	0.4	15	\$141,922	\$4,393	\$146,315
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Other	0.0	0.0	0	\$0	\$0	\$0
<b>Struck by/against (TOTAL)</b>	<b>0.2</b>	<b>0.4</b>	<b>15</b>	<b>\$141,922</b>	<b>\$4,393</b>	<b>\$146,315</b>
Unintentional	0.2	0.4	15	\$141,922	\$4,393	\$146,315
Homicide	0.0	0.0	0	\$0	\$0	\$0
Other	0.0	0.0	0	\$0	\$0	\$0
<b>Suffocation (TOTAL)</b>	<b>0.2</b>	<b>0.4</b>	<b>15</b>	<b>\$141,922</b>	<b>\$4,393</b>	<b>\$146,315</b>
Unintentional	0.2	0.4	15	\$141,922	\$4,393	\$146,315
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

<b>Cause of Injury by Intent</b>	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
<b>Other specified and classifiable</b>	<b>1.0</b>	<b>2.2</b>	<b>74</b>	<b>\$709,610</b>	<b>\$21,963</b>	<b>\$731,573</b>
Unintentional	0.2	0.4	15	\$141,922	\$4,393	\$146,315
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.8	1.8	59	\$567,688	\$17,570	\$585,258
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Other	0.0	0.0	0	\$0	\$0	\$0
<b>Other specified, not elsewhere classifiable</b>	<b>0.6</b>	<b>1.3</b>	<b>44</b>	<b>\$425,766</b>	<b>\$13,178</b>	<b>\$438,944</b>
Unintentional	0.0	0.0	0	\$0	\$0	\$0
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.4	0.9	29	\$283,844	\$498,456	\$782,300
Undetermined	0.2	0.4	15	\$141,922	\$4,393	\$146,315
Other	0.0	0.0	0	\$0	\$0	\$0
<b>Unspecified</b>	<b>0.4</b>	<b>0.9</b>	<b>29</b>	<b>\$283,844</b>	<b>\$8,785</b>	<b>\$292,629</b>
Unintentional	0.2	0.4	15	\$141,922	\$4,393	\$146,315
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.2	0.4	15	\$141,922	\$4,393	\$146,315
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Other	0.0	0.0	0	\$0	\$0	\$0
<b>Total Unintentional</b>	<b>8.8</b>	<b>19.3</b>				
<b>Total Suicides</b>	<b>0.0</b>	<b>0.0</b>				
<b>Total Homicides</b>	<b>1.8</b>	<b>3.9</b>				
<b>Total Undetermined</b>	<b>0.4</b>	<b>0.9</b>				
<b>Total Other</b>	<b>0.0</b>	<b>0.0</b>				
<b>All Injury</b>	<b>11.0</b>	<b>24.1</b>				
<b>MIDYEAR POPL. FOR AGES 1-4</b>	<b>45657.0</b>			<b>Estimated Lifetime Productivity Loss State Multiplier</b>	<b>Medical, Legal &amp; Administrative Costs State Multiplier</b>	
<b>Adverse events/effects</b>	0.4	0.9		0.811	1.052	
<b>ALL EXTERNAL CAUSES</b>	<b>11.4</b>	<b>25.0</b>				

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