

MICHIGAN CAUSE OF FATAL INJURY BY INTENT FOR AGES 10-14, 1993-97 MAF+

Cause of Injury	Intent					Total	Average	95% CI	
	Unintentional	Suicide	Homicide	Undetermined	Other			Rate/100,000	Lower
	MAF	MAF	MAF	MAF	MAF	MAF			
Cut/pierce	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.2
Drowning/submersion	7.0	0.0	0.0	0.0	*	7.0	1.0	0.2	1.7
Falls	0.2	0.0	0.0	0.0	*	0.2	0.0	--	--
Fire/hot object or substance	4.6	0.2	0.6	0.0	*	5.4	0.8	0.1	1.4
Firearms	2.8	5.4	11.2	1.0	0.0	20.4	2.9	1.6	4.2
Machinery	0.4	*	*	*	*	0.4	0.1	0.0	0.2
MV Traffic	38.8	0.0	*	0.0	*	38.8	5.5	3.7	7.2
<i>MV-Occupant</i>	11.6	*	*	*	*	11.6	1.6	0.7	2.6
<i>MV-Motorcycle</i>	0.8	*	*	*	*	0.8	0.1	0.0	0.4
<i>MV-Pedal Cycle</i>	6.4	*	*	*	*	6.4	0.9	0.2	1.6
<i>MV-Pedestrian</i>	10.4	*	*	*	*	10.4	1.5	0.6	2.4
<i>Unspecified</i>	9.6	*	*	*	*	9.6	1.4	0.5	2.2
Non MV-Pedal Cycle	0.2	*	*	*	*	0.2	0.0	--	--
Non MV-Pedestrian	0.4	*	*	*	*	0.4	0.1	0.0	0.2
Other Transport	2.8	0.0	*	0.0	*	0.0	0.0	--	--
Natural/environment	0.2	0.0	*	0.0	*	0.0	0.0	--	--
<i>Bites & Stings</i>	0.2	*	*	*	*	0.2	0.0	--	--
Overexertion	0.0	*	*	*	*	0.0	0.0	--	--
Poisoning	0.6	0.4	0.0	0.2	0.0	0.0	0.0	--	--
Struck by/against	0.6	*	0.2	*	0.0	0.8	0.1	0.0	0.4
Suffocation	2.8	4.4	0.0	0.4	*	7.6	1.1	0.3	1.8
Other specified and classifiable	1.4	0.0	0.4	0.0	0.0	1.8	0.3	0.0	0.6
Other specified and not elsewhere classifiable	0.4	0.0	0.4	0.0	0.0	0.8	0.1	0.0	0.4
Unspecified	1.0	0.0	0.2	0.0	0.0	1.2	0.2	0.0	0.5
All Injury	64.2	10.4	13.2	1.6	0.0	89.4	12.6	9.9	15.3
Total Injury Rates by Intent	9.1	1.5	1.9	0.2	0.0	12.6			
Adverse events/effects^	*	*	*	*	*	0.4	0.1	0.0	0.2
All External Causes						89.8	12.7	10.0	4.4
MIDYEAR POPULATION FOR AGES 10-14						708955			

+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

MICHIGAN UNDETERMINED FATAL INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 10-14, 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	0.0	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	1.0	0.1	64	\$1,059,957	\$26,377	\$1,086,334
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	0.2	0.0	13	\$211,991	\$5,275	\$217,267
Suffocation	0.4	0.1	26	\$423,983	\$10,551	\$434,534
Other specified and classifiable	0.0	0.0	0	\$0	\$0	\$0
Other specified, not elsewhere classifiable	0.0	0.0	0	\$0	\$0	\$0
Unspecified	0.0	0.0	0	\$0	\$0	\$0

MIDYEAR POPL. FOR AGES 10-14

708955

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MICHIGAN HOMICIDE RELATED INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 10-14, 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	\$211,991	\$5,275	\$217,267
Drowning/submersion	0.0	0.0	0	\$0	\$0	\$0
Falls	0.0	0.0	0	\$0	\$0	\$0
Fire/hot object or substance	0.6	0.1	39	\$635,974	\$15,826	\$651,800
<i>Fire/flame</i>	0.6	0.1	39	\$635,974	\$15,826	\$651,800
<i>Hot object/substance</i>	0.0	0.0	0	\$0	\$0	\$0
Firearms	11.2	1.6	720	\$11,871,520	\$295,418	\$12,166,939
Poisoning	0.0	0.0	0	\$0	\$0	\$0
Struck by/against	0.2	0.0	13	\$211,991	\$5,275	\$217,267
Suffocation	0.0	0.0	0	\$0	\$0	\$0
Other specified and classifiable	0.4	0.1	26	\$423,983	\$10,551	\$434,534
Other specified, not elsewhere classifiable	0.4	0.1	26	\$423,983	\$10,551	\$434,534
Unspecified	0.2	0.0	13	\$211,991	\$5,275	\$217,267

MIDYEAR POPL. FOR AGES 10-14

708955

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MICHIGAN SUICIDE RELATED INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 10-14, 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	0.0	0.0	0	\$0	\$0	\$0
Falls	0.0	0.0	0	\$0	\$0	\$0
Fire/hot object or substance	0.2	0.0	13	\$211,991	\$5,275	\$217,267
<i>Fire/flame</i>	0.2	0.0	13	\$211,991	\$5,275	\$217,267
<i>Hot object/substance</i>	0.0	0.0	0	\$0	\$0	\$0
Firearms	5.4	0.8	347	\$5,723,769	\$142,434	\$5,866,203
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	0.4	0.1	26	\$423,983	\$10,551	\$434,534
Suffocation	4.4	0.6	283	\$4,663,812	\$116,057	\$4,779,869
Other specified and classifiable	0.0	0.0	0	\$0	\$0	\$0
Other specified, not elsewhere classifiable	0.0	0.0	0	\$0	\$0	\$0
Unspecified	0.0	0.0	0	\$0	\$0	\$0

MIDYEAR POPL. FOR AGES 10-14

708955

MICHIGAN UNINTENTIONAL FATAL INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 10-14, 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	7.0	1.0	450	\$7,419,700	\$184,636	\$7,604,337
Falls	0.2	0.0	13	\$211,991	\$5,275	\$217,267
Fire/hot object or substance	4.6	0.6	296	\$4,875,803	\$121,333	\$4,997,136
<i>Fire/flame</i>	4.6	0.6	296	\$4,875,803	\$121,333	\$4,997,136
<i>Hot object/substance</i>	0.0	0.0	0	\$0	\$0	\$0
Firearms	2.8	0.4	180	\$2,967,880	\$73,855	\$3,041,735
Machinery	0.4	0.1	26	\$423,983	\$10,551	\$434,534
MV Traffic	38.8	5.5	2,495	\$41,126,338	\$8,094,449	\$49,220,787
<i>MV-Occupant</i>	11.6	1.6	746	\$12,295,503	\$2,419,990	\$14,715,493
<i>MV-Motorcycle</i>	0.8	0.1	51	\$847,966	\$166,896	\$1,014,862
<i>MV-Pedal Cycle</i>	6.4	0.9	412	\$6,783,726	\$1,335,167	\$8,118,893
<i>MV-Pedestrian</i>	10.4	1.5	669	\$11,023,555	\$2,169,646	\$13,193,201
<i>Unspecified</i>	9.6	1.4	617	\$10,175,589	\$2,002,750	\$12,178,339
Non MV-Pedal Cycle	0.2	0.0	13	\$211,991	\$5,275	\$217,267
Non MV-Pedestrian	0.4	0.1	26	\$423,983	\$10,551	\$434,534
Other Transport	2.8	0.4	180	\$2,967,880	\$73,855	\$3,041,735
Natural/environment	0.2	0.0	13	\$211,991	\$5,275	\$217,267
<i>Bites & Stings</i>	0.2	0.0	13	\$211,991	\$5,275	\$217,267
Overexertion	0.0	0.0	0	\$0	\$0	\$0
Poisoning	0.6	0.1	39	\$635,974	\$15,826	\$651,800
Struck by/against	0.6	0.1	39	\$635,974	\$15,826	\$651,800
Suffocation	2.8	0.4	180	\$2,967,880	\$73,855	\$3,041,735
Other specified and classifiable	1.4	0.2	90	\$1,483,940	\$36,927	\$1,520,867
Other specified, not elsewhere classifiable	0.4	0.1	26	\$423,983	\$10,551	\$434,534
Unspecified	1.0	0.1	64	\$1,059,957	\$26,377	\$1,086,334

MIDYEAR POPL. FOR AGES 10-14

708955

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MICHIGAN FATAL INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 10-14, 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 Injuries
Cut/pierce (TOTAL)	0.2	0.0	13	\$211,991	\$5,275	\$217,267
Unintentional	0.0	0.0	0	\$0	\$0	\$0
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.2	0.0	13	\$211,991	\$5,275	\$217,267
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Other	0.0	0.0	0	\$0	\$0	\$0
Drowning/submersion (TOTAL)	7.0	1.0	450	\$7,419,700	\$184,636	\$7,604,337
Unintentional	7.0	1.0	450	\$7,419,700	\$184,636	\$7,604,337
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)	0.2	0.0	13	\$211,991	\$5,275	\$217,267
Unintentional	0.2	0.0	13	\$211,991	\$5,275	\$217,267
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
Fire/hot object or substance (TOTAL)	5.4	0.8	347	\$5,723,769	\$142,434	\$5,866,203
Unintentional	4.6	0.6	296	\$4,875,803	\$121,333	\$4,997,136
Suicide	0.2	0.0	13	\$211,991	\$5,275	\$217,267
Homicide	0.6	0.1	39	\$635,974	\$15,826	\$651,800
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Fire/flames (TOTAL)	5.4	0.8	347	\$5,723,769	\$142,434	\$5,866,203
Unintentional	4.6	0.6	296	\$4,875,803	\$121,333	\$4,997,136
Suicide	0.2	0.0	13	\$211,991	\$5,275	\$217,267
Homicide	0.6	0.1	39	\$635,974	\$15,826	\$651,800
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Hot object/substance (TOTAL)	0.0	0.0	0	\$0	\$0	\$0
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
Firearm (TOTAL)	20.4	2.9	1,312	\$21,623,126	\$538,083	\$22,161,210
Unintentional	2.8	0.4	180	\$2,967,880	\$73,855	\$3,041,735
Suicide	5.4	0.8	347	\$5,723,769	\$142,434	\$5,866,203
Homicide	11.2	1.6	720	\$11,871,520	\$295,418	\$12,166,939
Undetermined	1.0	0.1	64	\$1,059,957	\$26,377	\$1,086,334
Other	0.0	0.0	0	\$0	\$0	\$0
Machinery (Unint)	0.4	0.1	26	\$423,983	\$10,551	\$434,534

<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)	38.8	5.5	2,495	\$41,126,338	\$8,094,449	\$49,220,787
Unintentional	38.8	5.5	2,495	\$41,126,338	\$8,094,449	\$49,220,787
<i>MV-Occupant (Unint)</i>	11.6	1.6	746	\$12,295,503	\$2,419,990	\$14,715,493
<i>MV-Motorcyclist (Unint)</i>	0.8	0.1	51	\$847,966	\$166,896	\$1,014,862
<i>MV-Pedal Cyclist (Unint)</i>	6.4	0.9	412	\$6,783,726	\$1,335,167	\$8,118,893
<i>MV-Pedestrian (Unint)</i>	10.4	1.5	669	\$11,023,555	\$2,169,646	\$13,193,201
<i>Unspecified (Unint)</i>	9.6	1.4	617	\$10,175,589	\$2,002,750	\$12,178,339
Suicide	0.0	0.0	0	\$0	\$0	\$0
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Non MV-Pedal cyclist (Unint)	0.2	0.0	13	\$211,991	\$5,275	\$217,267
Non MV-Pedestrian (Unint)	0.4	0.1	26	\$423,983	\$10,551	\$434,534
Other Transport (TOTAL)	0.0	0.0	0	\$0	\$0	\$0
Unintentional	2.8	0.4	180	\$2,967,880	\$73,855	\$3,041,735
Suicide	0.0	0.0	0	\$0	\$0	\$0
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Natural/environmental (TOTAL)	0.0	0.0	0	\$0	\$0	\$0
Unintentional	0.2	0.0	13	\$211,991	\$5,275	\$217,267
<i>Bites & Stings (Unint)</i>	0.2	0.0	13	\$211,991	\$5,275	\$217,267
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	0.6	0.1	39	\$635,974	\$15,826	\$651,800
Suicide	0.4	0.1	26	\$423,983	\$10,551	\$434,534
Homicide	0.0	0.0	0	\$0	\$0	\$0
Undetermined	0.2	0.0	13	\$211,991	\$5,275	\$217,267
Other	0.0	0.0	0	\$0	\$0	\$0
Struck by/against (TOTAL)	0.8	0.1	51	\$847,966	\$21,101	\$869,067
Unintentional	0.6	0.1	39	\$635,974	\$15,826	\$651,800
Homicide	0.2	0.0	13	\$211,991	\$5,275	\$217,267
Other	0.0	0.0	0	\$0	\$0	\$0
Suffocation (TOTAL)	7.6	1.1	489	\$8,055,674	\$200,462	\$8,256,137
Unintentional	2.8	0.4	180	\$2,967,880	\$73,855	\$3,041,735
Suicide	4.4	0.6	283	\$4,663,812	\$116,057	\$4,779,869
Homicide	0.0	0.0	0	\$0	\$0	\$0
Undetermined	0.4	0.1	26	\$423,983	\$10,551	\$434,534

<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
Other specified and classifiable	1.8	0.3	116	\$1,907,923	\$47,478	\$1,955,401
Unintentional	1.4	0.2	90	\$1,483,940	\$36,927	\$1,520,867
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.4	0.1	26	\$423,983	\$10,551	\$434,534
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Other	0.0	0.0	0	\$0	\$0	\$0
Other specified, not elsewhere classifiable	0.8	0.1	51	\$847,966	\$21,101	\$869,067
Unintentional	0.4	0.1	26	\$423,983	\$10,551	\$434,534
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.4	0.1	26	\$423,983	\$10,551	\$434,534
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Other	0.0	0.0	0	\$0	\$0	\$0
Unspecified	1.2	0.2	77	\$1,271,949	\$31,652	\$1,303,601
Unintentional	1.0	0.1	64	\$1,059,957	\$26,377	\$1,086,334
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.2	0.0	13	\$211,991	\$5,275	\$217,267
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Other	0.0	0.0	0	\$0	\$0	\$0
Total Unintentional	64.2	9.1				
Total Suicides	10.4	1.5				
Total Homicides	13.2	1.9				
Total Undetermined	1.6	0.2				
Total Other	0.0	0.0				
All Injury	89.4	12.6				
MIDYEAR POPL. FOR AGES 10-14	708955.0			Estimated Lifetime Productivity Loss State Multiplier	Medical, Legal & Administrative Costs State Multiplier	
Adverse events/effects	0.4	0.1		1.033	1.195	
ALL EXTERNAL CAUSES	89.8	12.7				

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