

MICHIGAN CAUSE OF FATAL INJURY BY INTENT FOR AGES 5-9, 1993-97 MAF+

<u>Cause of Injury</u>	Intent				Total MAF	Average Rate/100,000	95% CI	
	Unintentional MAF	Homicide MAF	Undetermined MAF	Other MAF			Lower	Upper
Cut/pierce	0.0	0.0	0.0	0.0	0.0	0.0	--	--
Drowning/submersion	7.8	0.0	0.0	*	7.8	1.1	0.3	1.9
Falls	0.4	0.0	0.0	*	0.4	0.1	0.0	0.2
Fire/hot object or substance	12.4	0.6	0.4	*	13.4	1.9	0.9	2.9
Firearms	0.8	2.6	0.0	0.0	0.0	0.0	--	--
Machinery	0.4	*	*	*	0.4	0.1	0.0	0.2
MV Traffic	34.8	*	0.0	*	34.8	4.9	3.2	6.5
<i>MV-Occupant</i>	12.2	*	*	*	12.2	1.7	0.7	2.7
<i>MV-Motorcycle</i>	0.0	*	*	*	0.0	0.0	--	--
<i>MV-Pedal Cycle</i>	4.4	*	*	*	4.4	0.6	0.0	1.2
<i>MV-Pedestrian</i>	11.4	*	*	*	11.4	1.6	0.7	2.5
<i>Unspecified</i>	6.8	*	*	*	6.8	1.0	0.2	1.7
Non MV-Pedal Cycle	0.0	*	*	*	0.0	0.0	--	--
Non MV-Pedestrian	0.4	*	*	*	0.4	0.1	0.0	0.2
Other Transport	1.6	*	0.0	*	1.6	0.2	0.0	0.6
Natural/environment	0.4	*	0.0	*	0.4	0.1	0.0	0.2
<i>Bites & Stings</i>	0.0	*	*	*	0.0	0.0	--	--
Overexertion	0.0	*	*	*	0.0	0.0	--	--
Poisoning	1.2	0.2	0.0	0.0	0.0	0.0	--	--
Struck by/against	0.0	0.0	*	0.0	0.0	0.0	--	--
Suffocation	2.4	0.0	0.0	*	2.4	0.3	0.0	0.8
Other specified and classifiable	0.2	1.2	0.0	0.0	1.4	0.2	0.0	0.5
Other specified and not elsewhere classifiable	0.2	0.4	0.0	0.0	0.6	0.1	0.0	0.3
Unspecified	1.2	0.6	0.2	0.0	2.0	0.3	0.0	0.7
All Injury	64.2	5.6	0.6	0.0	70.4	9.9	7.5	12.2
Total Injury Rates by Intent	9.0	0.8	0.1	0.0	9.9			
Adverse events/effects^	*	*	*	*	1.6	0.2	0.0	0.6
All External Causes					72.0	10.1	7.7	12.5
MIDYEAR POPULATION FOR AGES 5-9					712961			

+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 5-9, 1993-97

Cause of Injury	Mean Annual Frequencies	Average Rate/100,000	Total Years of 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	0.4	0.1	28	\$389,964	\$10,239	\$400,203
<i>Fire/flame</i>	0.4	0.1	28	\$389,964	\$10,239	\$400,203
<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	0.0	0.0	0	\$0	\$0	\$0
Unspecified	0.2	0.0	14	\$194,982	\$5,120	\$200,102

MIDYEAR POPL. FOR AGES 5-9

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MICHIGAN HOMICIDE RELATED INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 5-9, 1993-97

Mechanism	Mean Annual Frequencies	Average Rate/100,000	Total Years of 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	0.6	0.1	42	\$584,946	\$15,359	\$600,305
<i>Fire/flame</i>	0.6	0.1	42	\$584,946	\$15,359	\$600,305
<i>Hot object/substance</i>	0.0	0.0	0	\$0	\$0	\$0
Firearms	2.6	0.4	180	\$2,534,765	\$66,556	\$2,601,321
Poisoning	0.2	0.0	14	\$194,982	\$5,120	\$200,102
Struck by/against	0.0	0.0	0	\$0	\$0	\$0
Suffocation	0.0	0.0	0	\$0	\$0	\$0
Other specified and classifiable	1.2	0.2	83	\$1,169,892	\$30,718	\$1,200,610
Other specified, not elsewhere classifiable	0.4	0.1	28	\$389,964	\$10,239	\$400,203
Unspecified	0.6	0.1	42	\$584,946	\$15,359	\$600,305

MIDYEAR POPL. FOR AGES 5-9

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MICHIGAN UNINTENTIONAL FATAL INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 5-9, 1993-97

Mechanism	Mean Annual Frequencies	Average Rate/100,000	Total Years of 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	7.8	1.1	540	\$7,604,296	\$199,667	\$7,803,964
Falls	0.4	0.1	28	\$389,964	\$10,239	\$400,203
Fire/hot object or substance	12.4	1.7	858	\$12,088,881	\$317,420	\$12,406,301
<i>Fire/flame</i>	12.4	1.7	858	\$12,088,881	\$317,420	\$12,406,301
<i>Hot object/substance</i>	0.0	0.0	0	\$0	\$0	\$0
Firearms	0.8	0.1	55	\$779,928	\$20,479	\$800,407
Machinery	0.4	0.1	28	\$389,964	\$10,239	\$400,203
MV Traffic	34.8	4.9	2408	\$33,926,860	\$6,728,781	\$40,655,641
<i>MV-Occupant</i>	12.2	1.7	844	\$11,893,899	\$2,358,941	\$14,252,840
<i>MV-Motorcycle</i>	0.0	0.0	0	\$0	\$0	\$0
<i>MV-Pedal Cycle</i>	4.4	0.6	304	\$4,289,603	\$850,765	\$5,140,368
<i>MV-Pedestrian</i>	11.4	1.6	789	\$11,113,971	\$2,204,256	\$13,318,227
<i>Unspecified</i>	6.8	1.0	471	\$6,629,386	\$1,314,819	\$7,944,206
Non MV-Pedal Cycle	0.0	0.0	0	\$0	\$0	\$0
Non MV-Pedestrian	0.4	0.1	28	\$389,964	\$10,239	\$400,203
Other Transport	1.6	0.2	111	\$1,559,856	\$40,957	\$1,600,813
Natural/environment	0.4	0.1	28	\$389,964	\$10,239	\$400,203
<i>Bites & Stings</i>	0.0	0.0	0	\$0	\$0	\$0
Overexertion	0.0	0.0	0	\$0	\$0	\$0
Poisoning	1.2	0.2	83	\$1,169,892	\$30,718	\$1,200,610
Struck by/against	0.0	0.0	0	\$0	\$0	\$0
Suffocation	2.4	0.3	166	\$2,339,783	\$61,436	\$2,401,220
Other specified and classifiable	0.2	0.0	14	\$194,982	\$5,120	\$200,102
Other specified, not elsewhere classifiable	0.2	0.0	14	\$194,982	\$5,120	\$200,102
Unspecified	1.2	0.2	83	\$1,169,892	\$30,718	\$1,200,610

MIDYEAR POPL. FOR AGES 5-9

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MICHIGAN FATAL INJURY INCIDENCES, RATES AND ESTIMATED COSTS FOR AGES 5-9, 1993-97

Cause of Injury by Intent	Mean Annual Frequencies	Average Rate/100,000	Total Years of 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)	0.0	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
Other	0.0	0.0	0	\$0	\$0	\$0
Drowning/submersion (TOTAL)	7.8	1.1	540	\$7,604,296	\$199,667	\$7,803,964
Unintentional	7.8	1.1	540	\$7,604,296	\$199,667	\$7,803,964
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)	0.4	0.1	28	\$389,964	\$10,239	\$400,203
Unintentional	0.4	0.1	28	\$389,964	\$10,239	\$400,203
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)	13.4	1.9	927	\$13,063,791	\$343,018	\$13,406,809
Unintentional	12.4	1.7	858	\$12,088,881	\$317,420	\$12,406,301
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.6	0.1	42	\$584,946	\$15,359	\$600,305
Undetermined	0.4	0.1	28	\$389,964	\$10,239	\$400,203
Fire/flames (TOTAL)	13.4	1.9	927	\$13,063,791	\$343,018	\$13,406,809
Unintentional	12.4	1.7	858	\$12,088,881	\$317,420	\$12,406,301
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.6	0.1	42	\$584,946	\$15,359	\$600,305
Undetermined	0.4	0.1	28	\$389,964	\$10,239	\$400,203
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)	0.0	0.0	0	\$0	\$0	\$0
Unintentional	0.8	0.1	55	\$779,928	\$20,479	\$800,407
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	2.6	0.4	180	\$2,534,765	\$66,556	\$2,601,321
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Other	0.0	0.0	0	\$0	\$0	\$0
Machinery (Unint)	0.4	0.1	28	\$389,964	\$10,239	\$400,203

Cause of Injury by Intent	Mean Annual Frequencies	Average Rate/100,000	Total Years of 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)	34.8	4.9	2,408	\$33,926,860	\$6,728,781	\$40,655,641
Unintentional	34.8	4.9	2,408	\$33,926,860	\$6,728,781	\$40,655,641
<i>MV-Occupant (Unint)</i>	12.2	1.7	844	\$11,893,899	\$2,358,941	\$14,252,840
<i>MV-Motorcyclist (Unint)</i>	0.0	0.0	0	\$0	\$0	\$0
<i>MV-Pedal Cyclist (Unint)</i>	4.4	0.6	304	\$4,289,603	\$850,765	\$5,140,368
<i>MV-Pedestrian (Unint)</i>	11.4	1.6	789	\$11,113,971	\$2,204,256	\$13,318,227
<i>Unspecified (Unint)</i>	6.8	1.0	471	\$6,629,386	\$1,314,819	\$7,944,206
Suicide	0.0	0.0	0	\$0	\$0	\$0
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Non MV-Pedal cyclist (Unint)	0.0	0.0	0	\$0	\$0	\$0
Non MV-Pedestrian (Unint)	0.4	0.1	28	\$389,964	\$10,239	\$400,203
Other Transport (TOTAL)	1.6	0.2	111	\$1,559,856	\$40,957	\$1,600,813
Unintentional	1.6	0.2	111	\$1,559,856	\$40,957	\$1,600,813
Suicide	0.0	0.0	0	\$0	\$0	\$0
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Natural/environmental (TOTAL)	0.4	0.1	28	\$389,964	\$10,239	\$400,203
Unintentional	0.4	0.1	28	\$389,964	\$10,239	\$400,203
<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	1.2	0.2	83	\$1,169,892	\$30,718	\$1,200,610
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.2	0.0	14	\$194,982	\$5,120	\$200,102
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Other	0.0	0.0	0	\$0	\$0	\$0
Struck by/against (TOTAL)	0.0	0.0	0	\$0	\$0	\$0
Unintentional	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.0	0.0	0	\$0	\$0	\$0
Other	0.0	0.0	0	\$0	\$0	\$0
Suffocation (TOTAL)	2.4	0.3	166	\$2,339,783	\$61,436	\$2,401,220
Unintentional	2.4	0.3	166	\$2,339,783	\$61,436	\$2,401,220
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

Cause of Injury by Intent	Mean Annual Frequencies	Average Rate/100,000	Total Years of 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	1.4	0.2	97	\$1,364,874	\$35,838	\$1,400,711
Unintentional	0.2	0.0	14	\$194,982	\$5,120	\$200,102
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	1.2	0.2	83	\$1,169,892	\$30,718	\$1,200,610
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Other	0.0	0.0	0	\$0	\$0	\$0
Other specified, not elsewhere classifiable	0.6	0.1	42	\$584,946	\$15,359	\$600,305
Unintentional	0.2	0.0	14	\$194,982	\$5,120	\$200,102
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.4	0.1	28	\$389,964	\$10,239	\$400,203
Undetermined	0.0	0.0	0	\$0	\$0	\$0
Other	0.0	0.0	0	\$0	\$0	\$0
Unspecified	2.0	0.3	138	\$1,949,820	\$51,197	\$2,001,016
Unintentional	1.2	0.2	83	\$1,169,892	\$30,718	\$1,200,610
Suicide	0.0	0.0	0	\$0	\$0	\$0
Homicide	0.6	0.1	42	\$584,946	\$15,359	\$600,305
Undetermined	0.2	0.0	14	\$194,982	\$5,120	\$200,102
Other	0.0	0.0	0	\$0	\$0	\$0
Total Unintentional	64.2	9.0				
Total Suicides	0.0	0.0				
Total Homicides	5.6	0.8				
Total Undetermined	0.6	0.1				
Total Other	0.0	0.0				
All Injury	70.4	9.9				
MIDYEAR POPL. FOR AGES 5-9	712961.0			Estimated Lifetime Productivity Loss State Multiplier	Medical, Legal & Administrative Costs State Multiplier	
Adverse events/effects	1.6		0.2	1.033	1.195	
ALL EXTERNAL CAUSES	72.0		10.1			

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