

## State of Minnesota

### Traumatic Occupational Fatalities (1980-1995):

Number: 1,093

Rate: 3.1 per 100,000 workers

### Leading Causes of Death (1980-1995):

Machine - 288

Fall - 125

### Industry with the Highest Number and Rate of Traumatic Occupational Fatalities (1983-1995):

Number: Agriculture/Forestry/Fisheries - 232

Rate: Agriculture/Forestry/Fisheries - 13.1 per 100,000 workers

### Occupation with the Highest Number and Rate of Traumatic Occupational Fatalities (1983-1995):

Number: Farming/Forestry/Fishing - 248

Rate: Farming/Forestry/Fishing - 13.9 per 100,000 workers

**Table MN-1.** *Number and Rate (per 100,000 workers) of Traumatic Occupational Fatalities by Year, Minnesota, 1980-1995.*

YEAR OF DEATH	NUMBER OF DEATHS	RATE PER 100,000
1980	94	4.6
1981	86	4.1
1982	72	3.6
1983	63	3.1
1984	74	3.6
1985	68	3.2
1986	54	2.5
1987	87	4.1
1988	61	2.7
1989	61	2.7
1990	54	2.4
1991	49	2.1
1992	61	2.7
1993	83	3.5
1994	54	2.2
1995	72	2.9
<b>Total</b>	<b>1,093</b>	<b>3.1</b>

**Table MN-2.** Number<sup>\*†‡</sup> and Rate<sup>§§</sup> (per 100,000 workers) of Traumatic Occupational Fatalities by Year for Sex, Race, and Age Group, Minnesota, 1980-1995.

DEMOGRAPHICS	Total		YEAR OF DEATH					
			1980-85		1986-90		1991-95	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Sex								
Male	1,051	5.5	443	6.5	303	5.1	305	4.9
Female	42	0.3	14	0.3	14	0.3	14	0.2
Race								
White	1,063	3.1	452	3.8	308	2.9	303	2.7
Black	10	1.7	3	2.0	4	2.2	3	1.1
Other	17	3.1	---	---	---	---	13	5.4
Age Group								
16-17	14	1.3	6	1.3	4	1.1	4	1.3
18-19	19	1.3	9	1.5	5	1.2	5	1.2
20-24	108	2.5	54	3.0	33	2.6	21	1.6
25-34	260	2.5	97	2.6	82	2.4	81	2.5
35-44	220	2.7	73	3.1	76	2.8	71	2.2
45-54	169	3.1	76	4.2	41	2.7	52	2.5
55-64	162	4.9	90	7.4	30	2.9	42	4.0
65+	141	14.2	52	14.6	46	15.5	43	12.7

\*Numbers not reported for cells with less than 3 deaths.

†Numbers not reported for "unknown" categories.

‡Numbers and rates not reported for some cells with 3 or more deaths to meet confidentiality requirements.

§Rates not calculated for categories with less than 3 deaths or less than 20,000 employed.

**Table MN-3.** *Number and Average Annual Rate\* (per 100,000 workers) of Traumatic Occupational Fatalities by Cause of Death, Minnesota, 1980-1995.*

CAUSE OF DEATH	NUMBER OF DEATHS	RATE PER 100,000
Machine	288	0.8
Fall	125	0.4
Motor Vehicle	94	0.3
Electrocution	88	0.3
Suicide	84	0.2
Homicide	78	0.2
Struck by Falling Object	76	0.2
Nature/Environment	59	0.2
Suffocation	45	0.1
Flying Object/Caught In	27	0.1
Air Transport	21	0.1
Explosion	21	0.1
Fire	20	0.1
Poisoning	19	0.1
Rail Transport	8	< 0.1
Drowning	6	< 0.1
Water Transport	5	< 0.1
Other	19	0.1
Unknown\Undetermined	10	---

\*Rates not calculated for “unknown” or “not classified” categories.

**Table MN-4.** Number<sup>\*†</sup> and Rate<sup>†‡§</sup> (per 100,000 workers) of Traumatic Occupational Fatalities by Year for Industry and Occupation Division, Minnesota, 1983-1995.

INDUSTRY/ OCCUPATION DIVISION	Total		YEAR OF DEATH					
			1983-85		1986-90		1991-95	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Industry Division								
Ag/For/Fish	232	13.1	70	17.6	87	11.9	75	11.7
Mining	10	12.3	3	13.3	4	14.6	3	9.6
Construction	181	11.5	48	13.9	75	12.1	58	9.6
Manufacturing	121	2.5	31	2.8	45	2.4	45	2.3
Trans/Comm/PU	87	4.5	16	3.7	33	4.6	38	5.0
Wholesale Trade	27	2.2	5	1.8	8	1.8	14	2.7
Retail Trade	40	0.8	6	0.5	10	0.6	24	1.2
Finance/Insur/RE	4	0.2	---	---	---	---	---	---
Services	60	0.6	7	0.4	18	0.5	35	0.8
Public Admin	23	2.5	4	2.0	7	2.2	12	3.0
Not Classified	56	---	12	---	30	---	14	---
Occupation Division								
Exec/Adm/Mgr	38	1.1	4	0.6	11	0.9	23	1.6
Prof/Spec	34	0.9	8	1.0	9	0.6	17	1.1
Tech/Support	16	1.6	7	3.5	6	1.6	3	0.7
Sales	38	1.1	8	1.1	9	0.7	21	1.5
Clerical	8	0.2	---	---	4	0.2	---	---
Service	30	0.7	5	0.5	7	0.5	18	1.1
Farm/For/Fish	248	13.9	71	17.5	95	13.0	82	12.7
Crafts	153	5.2	36	5.2	64	5.7	53	4.6
Mach Operators	38	2.2	11	3.1	17	2.6	10	1.4
Transport	110	10.0	26	10.5	32	7.9	52	11.7
Laborers	78	6.6	18	7.3	34	7.3	26	5.5
Not Classified	50	---	9	---	29	---	12	---

\*Numbers not reported for cells with less than 3 deaths.

†Numbers and rates not reported for some cells with 3 or more deaths to meet confidentiality requirements.

‡Rates not calculated for "unknown" or "not classified" categories.

§Rates not calculated for categories with less than 3 deaths or less than 20,000 employed.

**Table MN-5.** Number\* and Average Annual Rate<sup>†‡</sup> (per 100,000 workers) of Traumatic Occupational Fatalities by Detailed Industry Groupings, Minnesota, 1983-1995.

DETAILED INDUSTRY	NO. OF DEATHS	RATE	DETAILED INDUSTRY	NO. OF DEATHS	RATE
Ag/For/Fish			Retail Trade		
Ag Production	218	13.5	Food Stores	9	1.3
Ag Services	12	8.2	Motor Veh/Auto Supply Dealer	6	1.2
Forestry & Fisheries	---	---	Apparel & Accessory Stores	---	---
Mining			Eating & Drinking Places	6	0.4
Metal/Coal/Nonmetal Mining	7	9.1	Other Retail Trade	18	0.9
Oil and Gas Extraction	3	---	Finance/Insur/RE		
Construction	181	11.5	Banking and Other Finance	---	---
Manufacturing			Insurance and Real Estate	---	---
Food & Kindred Prod	16	2.5	Services		
Textile Mill Prod	3	9.7	Business Services	14	1.2
Apparel & Other Textile Pr	---	---	Automobile and Repair Services	12	2.7
Paper & Allied Products	7	3.0	Private Household Services	---	---
Printing/Publishing/Allied	---	---	Pers Serv Exc Priv Household	6	0.7
Chemical/Petroleum/Rubber	9	2.0	Entertainment & Rec Services	---	---
Lumber & Wood	27	16.0	Hospitals	---	---
Furniture	---	---	Health Services, Exc Hosp	3	0.2
Stone/Clay/Concrete	9	6.8	Educational Services	11	0.5
Primary Metals	7	7.9	Other Professional Services	9	0.4
Fabricated Metals	5	1.4	Public Admin		
Mach, Ex Elect	13	1.2	Justice, Pub Order, & Safety	14	4.5
Elect Mach, Equip Supplies	5	1.3	Admin of Hum Res Programs	---	---
Motor Vehicles Equip	---	---	National Sec/Internal Affairs	---	---
Aircraft & Parts	---	---	Other Pub Admin	7	1.5
Other Transport Equip	7	20.5	Not Classified	57	---
Prof & Photo Equip/Watches	---	---			
Toys/Amusement/Sporting Goods	---	---			
Misc & NEC Industries	11	8.3			
Trans/Comm/PU					
Trucking/Warehousing/Storage	39	7.6			
Other Transportation	29	3.4			
Telephone Communications	---	---			
Other Communications	---	---			
Electric Light and Power	11	7.9			
Other Utility/Sanitary Service	6	4.1			
Wholesale Trade	27	2.2			

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**Table MN-6. Number\* and Average Annual Rate\*\* (per 100,000 workers) of Traumatic Occupational Fatalities by Detailed Occupation Groupings, Minnesota, 1983-1995.**

DETAILED OCCUPATION	NO. OF DEATHS	RATE	DETAILED OCCUPATION	NO. OF DEATHS	RATE
Exec/Adm/Mgr			Service		
Officials & Administrators, Public Admin	---	---	Private Household Service Occupations	---	---
Other Executive, Admin & Managerial	34	1.5	Protective Service	16	6.0
Management Related Occupations	---	---	Food Service	---	---
Prof/Spec			Health Service	---	---
Engineers	6	1.5	Cleaning and Building Service	12	1.5
Mathematical and Computer Scientists	---	---	Personal Service	---	---
Natural Scientists	3	3.4	Farm/For/Fish		
Health Diagnosing Occupations	3	1.8	Farm Operators and Managers	206	18.8
Health Assessment and Treatment Occupations	---	---	Farm Workers and Related Occupations	18	2.8
Teachers, College and University	---	---	Forestry and Fishing Occupations	24	72.8
Teachers, Except College and University	7	0.7	Crafts		
Lawyers and Judges	---	---	Mechanics and Repairers	41	4.4
Other Professional Specialty Occupations	10	1.0	Construction Trades	89	8.3
Tech/Support			Other Precision Production, Craft, and Repair	23	2.4
Health Technologists and Technicians	---	---	Mach Operators		
Engineering and Science Technicians	5	1.6	Machine Operators/Tenders, Except Precision	26	2.5
Technicians, Exc Health/Engineering/Science	10	3.1	Fabricators, Assemblers, Inspectors, Samplers	12	1.8
Sales			Transport		
Supervisors and Proprietors, Sales Occupations	22	2.8	Motor Vehicle Operators	72	8.6
Sales Reps, Finance and Business Services	---	---	Other Transport and Material Moving Occ	38	14.3
Sales Reps, Commodities, Except Retail	5	1.2	Laborers		
Sales Workers, Retail & Personal Services	10	0.7	Construction Laborers	42	32.0
Sales Related Occupations	---	---	Freight, Stock, & Materials Handlers	---	---
Clerical			Other Handlers, Equip. Cleaner, Helper, Laborer	34	5.6
Supervisors, Administrative Support	---	---	Other or Not Classified	50	---
Computer Equipment Operators	---	---			
Secretaries, Stenographers, and Typists	---	---			
Financial Records Processing	---	---			
Mail and Message Distribution	---	---			
Other Admin. Support, Including Clerical	6	0.3			

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\*\*Rates not calculated for "unknown" or "not classified" categories.

†Rates not calculated for categories with less than 3 deaths or less than 20,000 employed.