

## State of Montana

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

Number: 750

Rate: 12.4 per 100,000 workers

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

Motor Vehicle - 259

Machine - 132

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

Number: Transportation/Communications/Public Utilities - 115

Rate: Mining - 50.1 per 100,000 workers

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

Number: Farming/Forestry/Fishing - 146

Rate: Transportation/Material Movers - 42.0 per 100,000 workers

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

YEAR OF DEATH	NUMBER OF DEATHS	RATE PER 100,000
1980	57	15.9
1981	65	17.3
1982	57	16.0
1983	47	13.3
1984	65	17.4
1985	47	12.5
1986	57	15.1
1987	39	10.5
1988	48	12.9
1989	43	11.4
1990	37	9.8
1991	34	9.0
1992	45	11.5
1993	35	8.8
1994	44	10.6
1995	30	7.3
<b>Total</b>	<b>750</b>	<b>12.4</b>

**Table MT-2.** Number\*† and Rate‡ (per 100,000 workers) of Traumatic Occupational Fatalities by Year for Sex, Race, and Age Group, Montana, 1980-1995.

DEMOGRAPHICS	Total		YEAR OF DEATH					
			1980-85		1986-90		1991-95	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Sex								
Male	708	20.9	324	25.2	207	20.0	177	16.6
Female	42	1.6	14	1.5	17	2.0	11	1.2
Race								
White	712	12.3	323	15.3	210	11.7	179	9.4
Black	5	---	3	---	---	---	---	---
Other	30	12.0	12	14.9	12	15.7	6	6.5
Age Group								
16-17	4	2.4	---	---	---	---	---	---
18-19	15	7.3	6	7.4	3	4.8	6	9.6
20-24	68	10.5	40	13.5	13	7.5	15	8.3
25-34	196	11.8	91	13.4	67	12.8	38	8.3
35-44	168	10.9	73	15.6	49	9.9	46	7.9
45-54	128	12.6	49	15.7	42	13.2	37	9.6
55-64	109	18.2	52	23.0	28	15.4	29	15.3
65+	62	27.9	25	33.7	21	29.8	16	20.7

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

†Numbers not reported for "unknown" categories.

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

**Table MT-3.** Number\* and Average Annual Rate<sup>†‡</sup> (per 100,000 workers) of Traumatic Occupational Fatalities by Cause of Death, Montana, 1980-1995.

CAUSE OF DEATH	NUMBER OF DEATHS	RATE PER 100,000
Motor Vehicle	259	4.3
Machine	132	2.2
Air Transport	63	1.0
Struck by Falling Object	51	0.8
Fall	35	0.6
Homicide	33	0.5
Electrocution	30	0.5
Explosion	21	0.3
Nature/Environment	20	0.3
Poisoning	18	0.3
Suffocation	17	0.3
Rail Transport	16	0.3
Suicide	16	0.3
Flying Object/Caught In	14	0.2
Drowning	6	0.1
Fire	5	0.1
Water Transport	---	---
Other	13	0.2
Unknown/Undetermined	---	---

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

†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 MT-4.** Number\* and Rate<sup>†‡</sup> (per 100,000 workers) of Traumatic Occupational Fatalities by Year for Industry and Occupation Division, Montana, 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	109	20.5	34	28.1	41	19.7	34	16.9
Mining	40	50.1	22	59.2	6	24.4	12	---
Construction	68	21.0	14	19.7	34	30.7	20	14.2
Manufacturing	92	25.8	26	32.0	33	24.1	33	23.8
Trans/Comm/PU	115	31.4	31	36.2	46	34.3	38	26.0
Wholesale Trade	13	6.9	4	9.3	4	5.8	5	6.6
Retail Trade	32	3.4	7	3.3	19	5.5	6	1.6
Finance/Insur/RE	7	2.8	---	---	---	---	4	4.4
Services	51	3.0	10	3.0	23	3.6	18	2.6
Public Admin	26	10.0	7	13.1	10	9.5	9	8.9
Not Classified	18	---	3	---	6	---	9	---
Occupation Division								
Exec/Adm/Mgr	42	7.4	6	5.2	19	9.0	17	7.0
Prof/Spec	30	4.6	6	4.4	15	5.8	9	3.4
Tech/Support	30	24.0	5	20.1	14	30.8	11	20.1
Sales	24	4.1	7	5.2	11	5.0	6	2.6
Clerical	7	1.0	---	---	---	---	3	1.1
Service	22	2.9	5	3.1	11	3.7	6	1.9
Farm/For/Fish	146	30.4	48	42.5	51	27.1	47	26.4
Crafts	102	19.3	22	16.5	38	20.2	42	20.4
Mach Operators	16	11.2	3	9.0	8	14.1	5	9.5
Transport	105	42.0	38	60.9	38	44.5	29	28.4
Laborers	33	17.3	10	24.6	14	18.6	9	12.0
Not Classified	14	---	7	---	3	---	4	---

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

DETAILED INDUSTRY	NO. OF DEATHS	RATE	DETAILED INDUSTRY	NO. OF DEATHS	RATE
Ag/For/Fish			Retail Trade		
Ag Production	101	22.8	Food Stores	3	2.1
Ag Services	6	18.1	Motor Veh/Auto Supply Dealer	4	3.5
Forestry & Fisheries	---	---	Apparel & Accessory Stores	---	---
Mining			Eating & Drinking Places	12	3.8
Metal/Coal/Nonmetal Mining	17	52.4	Other Retail Trade	13	3.8
Oil and Gas Extraction	23	48.6	Finance/Insur/RE		
Construction	68	21.0	Banking and Other Finance	5	4.6
Manufacturing			Insurance and Real Estate	---	---
Food & Kindred Prod	4	9.5	Services		
Textile Mill Prod	---	---	Business Services	4	4.0
Apparel & Other Textile Pr	---	---	Automobile and Repair Services	19	18.5
Paper & Allied Products	---	---	Private Household Services	---	---
Printing/Publishing/Allied	---	---	Pers Serv Exc Priv Household	3	1.8
Chemical/Petroleum/Rubber	6	24.4	Entertainment & Rec Services	3	4.3
Lumber & Wood	69	60.7	Hospitals	4	2.1
Furniture	---	---	Health Services, Exc Hosp	---	---
Stone/Clay/Concrete	3	---	Educational Services	7	1.5
Primary Metals	3	---	Other Professional Services	9	2.9
Fabricated Metals	---	---	Public Admin		
Mach, Ex Elect	---	---	Justice, Pub Order, & Safety	11	16.6
Elect Mach, Equip Supplies	---	---	Admin of Hum Res Programs	---	---
Motor Vehicles Equip	---	---	National Sec/Internal Affairs	---	---
Aircraft & Parts	---	---	Other Pub Admin	11	7.9
Other Transport Equip	---	---	Not Classified	20	---
Prof & Photo Equip/Watches	---	---			
Toys/Amusement/Sporting Goods	---	---			
Misc & NEC Industries	3	---			
Trans/Comm/PU					
Trucking/Warehousing/Storage	60	60.2			
Other Transportation	37	26.8			
Telephone Communications	---	---			
Other Communications	---	---			
Electric Light and Power	11	48.3			
Other Utility/Sanitary Service	4	7.8			
Wholesale Trade	13	6.9			

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**Table MT-6. Number\* and Average Annual Rate<sup>††</sup> (per 100,000 workers) of Traumatic Occupational Fatalities by Detailed Occupation Groupings, Montana, 1983-1995.**

DETAILED OCCUPATION	NO. OF DEATHS	RATE	DETAILED OCCUPATION	NO. OF DEATHS	RATE
Exec/Adm/Mgr			Service		
Officials & Administrators, Public Admin	5	11.7	Private Household Service Occupations	---	---
Other Executive, Admin & Managerial	28	7.0	Protective Service	11	18.0
Management Related Occupations	9	7.1	Food Service	4	1.3
Prof/Spec			Health Service	---	---
Engineers	6	15.6	Cleaning and Building Service	4	2.8
Mathematical and Computer Scientists	---	---	Personal Service	3	2.5
Natural Scientists	3	7.8	Farm/For/Fish		
Health Diagnosing Occupations	3	8.5	Farm Operators and Managers	85	28.4
Health Assessment and Treatment Occupations	3	3.2	Farm Workers and Related Occupations	19	12.0
Teachers, College and University	---	---	Forestry and Fishing Occupations	42	187.9
Teachers, Except College and University	6	2.8	Crafts		
Lawyers and Judges	---	---	Mechanics and Repairers	29	15.1
Other Professional Specialty Occupations	6	3.8	Construction Trades	39	19.3
Tech/Support			Other Precision Production, Craft, and Repair	34	25.6
Health Technologists and Technicians	---	---	Mach Operators		
Engineering and Science Technicians	4	11.0	Machine Operators/Tenders, Except Precision	14	14.0
Technicians, Exc Health/Engineering/Science	26	77.2	Fabricators, Assemblers, Inspectors, Samplers	---	---
Sales			Transport		
Supervisors and Proprietors, Sales Occupations	13	7.5	Motor Vehicle Operators	74	45.5
Sales Reps, Finance and Business Services	3	3.6	Other Transport and Material Moving Occ	31	35.5
Sales Reps, Commodities, Except Retail	---	---	Laborers		
Sales Workers, Retail & Personal Services	5	1.8	Construction Laborers	17	52.9
Sales Related Occupations	---	---	Freight, Stock, & Materials Handlers	---	---
Clerical			Other Handlers, Equip. Cleaner, Helper, Laborer	14	15.1
Supervisors, Administrative Support	---	---	Other or Not Classified	14	---
Computer Equipment Operators	---	---			
Secretaries, Stenographers, and Typists	4	2.3			
Financial Records Processing	---	---			
Mail and Message Distribution	---	---			
Other Admin. Support, Including Clerical	---	---			

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