

## State of Iowa

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

Number: 1,373

Rate: 6.2 per 100,000 workers

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

Machine - 345

Motor Vehicle - 343

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

Number: Agriculture/Forestry/Fisheries - 359

Rate: Mining - 32.0 per 100,000 workers

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

Number: Farming/Forestry/Fishing - 362

Rate: Farming/Forestry/Fishing - 21.3 per 100,000 workers

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

YEAR OF DEATH	NUMBER OF DEATHS	RATE PER 100,000
1980	126	9.0
1981	102	7.4
1982	94	7.3
1983	84	6.4
1984	89	6.8
1985	100	7.6
1986	78	5.8
1987	81	6.0
1988	110	7.7
1989	97	6.7
1990	74	5.3
1991	70	5.0
1992	81	5.6
1993	61	4.1
1994	75	5.0
1995	51	3.4
<b>Total</b>	<b>1,373</b>	<b>6.2</b>

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

DEMOGRAPHICS	Total		YEAR OF DEATH					
			1980-85		1986-90		1991-95	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Sex								
Male	1,289	10.5	558	12.2	415	10.9	316	8.0
Female	84	0.8	37	1.1	25	0.8	22	0.6
Race								
White	1,359	6.2	589	7.5	438	6.4	332	4.6
Black	11	4.6	6	8.4	---	---	---	---
Other	---	---	---	---	---	---	---	---
Age Group								
16-17	15	2.1	6	2.2	5	2.4	4	1.8
18-19	37	4.2	28	7.5	6	2.4	3	1.1
20-24	131	4.7	78	6.6	34	4.3	19	2.4
25-34	276	4.6	130	6.0	87	4.4	59	3.2
35-44	231	4.5	88	5.6	72	4.4	71	3.7
45-54	233	6.6	90	7.4	79	7.5	64	5.0
55-64	248	10.2	103	11.1	95	12.0	50	7.0
65+	202	23.2	72	25.0	62	22.6	68	22.2

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

CAUSE OF DEATH	NUMBER OF DEATHS	RATE PER 100,000
Machine	345	1.5
Motor Vehicle	343	1.5
Fall	128	0.6
Struck by Falling Object	83	0.4
Electrocution	81	0.4
Suffocation	70	0.3
Homicide	49	0.2
Suicide	43	0.2
Flying Object/Caught In	36	0.2
Nature/Environment	31	0.1
Explosion	30	0.1
Poisoning	30	0.1
Air Transport	26	0.1
Fire	20	0.1
Drowning	12	0.1
Rail Transport	7	< 0.1
Water Transport	7	< 0.1
Other	20	0.1
Unknown\Undetermined	12	--

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

**Table IA-4.** Number<sup>\*†</sup> and Rate<sup>‡§</sup> (per 100,000 workers) of Traumatic Occupational Fatalities by Year for Industry and Occupation Division, Iowa, 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	359	20.9	93	23.3	149	20.7	117	19.5
Mining	9	32.0	5	---	---	---	---	---
Construction	168	18.0	37	19.4	65	19.5	66	16.2
Manufacturing	112	3.6	25	3.6	51	4.2	36	2.9
Trans/Comm/PU	126	12.1	41	17.3	51	13.1	34	8.2
Wholesale Trade	50	6.0	16	8.6	21	6.8	13	3.8
Retail Trade	57	1.9	7	1.0	30	2.6	20	1.6
Finance/Insur/RE	10	1.0	---	---	---	---	6	1.4
Services	83	1.4	28	2.4	30	1.4	25	1.0
Public Admin	27	4.6	8	6.1	13	5.4	6	2.8
Not Classified	50	---	12	---	24	---	14	---
Occupation Division								
Exec/Adm/Mgr	64	3.6	13	3.9	23	3.5	28	3.6
Prof/Spec	30	1.3	13	2.8	9	1.1	8	0.8
Tech/Support	9	1.8	---	---	5	2.7	---	---
Sales	52	2.6	9	2.1	23	3.1	20	2.4
Clerical	17	0.7	8	1.4	3	0.3	6	0.6
Service	41	1.5	10	1.7	17	1.7	14	1.3
Farm/For/Fish	362	21.3	96	24.0	149	21.0	117	19.8
Crafts	148	7.3	34	7.4	65	8.4	49	6.2
Mach Operators	36	2.9	9	3.5	17	3.6	10	2.0
Transport	133	16.4	40	21.2	62	20.4	31	9.8
Laborers	118	15.7	25	15.2	49	16.5	44	15.2
Not Classified	41	---	14	---	18	---	9	---

\*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 IA-5.** Number\* and Average Annual Rate\*\* (per 100,000 workers) of Traumatic Occupational Fatalities by Detailed Industry Groupings, Iowa, 1983-1995.

DETAILED INDUSTRY	NO. OF DEATHS	RATE	DETAILED INDUSTRY	NO. OF DEATHS	RATE
Ag/For/Fish			Retail Trade		
Ag Production	345	21.6	Food Stores	10	1.9
Ag Services	12	9.9	Motor Veh/Auto Supply Dealer	20	6.1
Forestry & Fisheries	---	---	Apparel & Accessory Stores	---	---
Mining			Eating & Drinking Places	13	1.4
Metal/Coal/Nonmetal Mining	7	28.1	Other Retail Trade	14	1.2
Oil and Gas Extraction	---	---	Finance/Insur/RE		
Construction	168	18.0	Banking and Other Finance	4	1.0
Manufacturing			Insurance and Real Estate	6	1.0
Food & Kindred Prod	24	3.8	Services		
Textile Mill Prod	---	---	Business Services	12	2.6
Apparel & Other Textile Pr	---	---	Automobile and Repair Services	28	8.6
Paper & Allied Products	---	---	Private Household Services	---	---
Printing/Publishing/Allied	---	---	Pers Serv Exc Priv Household	---	---
Chemical/Petroleum/Rubber	10	3.0	Entertainment & Rec Services	3	1.5
Lumber & Wood	4	4.0	Hospitals	5	0.6
Furniture	---	---	Health Services, Exc Hosp	5	0.6
Stone/Clay/Concrete	13	19.3	Educational Services	25	1.5
Primary Metals	9	9.6	Other Professional Services	3	0.3
Fabricated Metals	4	2.2	Public Admin		
Mach, Ex Elect	12	2.0	Justice, Pub Order, & Safety	12	7.0
Elect Mach, Equip Supplies	5	1.6	Admin of Hum Res Programs	---	---
Motor Vehicles Equip	4	4.3	National Sec/Internal Affairs	---	---
Aircraft & Parts	---	---	Other Pub Admin	15	5.3
Other Transport Equip	---	---	Not Classified	50	---
Prof & Photo Equip/Watches	---	---			
Toys/Amusement/Sporting Goods	---	---			
Misc & NEC Industries	21	32.4			
Trans/Comm/PU					
Trucking/Warehousing/Storage	78	19.8			
Other Transportation	29	9.8			
Telephone Communications	---	---			
Other Communications	---	---			
Electric Light and Power	6	7.8			
Other Utility/Sanitary Service	13	10.4			
Wholesale Trade	50	6.0			

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**Table IA-6. Number\* and Average Annual Rate\*\* (per 100,000 workers) of Traumatic Occupational Fatalities by Detailed Occupation Groupings, Iowa, 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	55	4.5	Protective Service	15	8.8
Management Related Occupations	9	1.9	Food Service	4	0.4
Prof/Spec			Health Service	---	---
Engineers	10	5.6	Cleaning and Building Service	17	3.4
Mathematical and Computer Scientists	---	---	Personal Service	3	0.7
Natural Scientists	---	---	Farm/For/Fish		
Health Diagnosing Occupations	---	---	Farm Operators and Managers	324	27.1
Health Assessment and Treatment Occupations	---	---	Farm Workers and Related Occupations	34	6.8
Teachers, College and University	5	2.9	Forestry and Fishing Occupations	4	---
Teachers, Except College and University	7	1.1	Crafts		
Lawyers and Judges	---	---	Mechanics and Repairers	40	5.7
Other Professional Specialty Occupations	4	0.7	Construction Trades	79	12.0
Tech/Support			Other Precision Production, Craft, and Repair	29	4.4
Health Technologists and Technicians	3	1.6	Mach Operators		
Engineering and Science Technicians	---	---	Machine Operators/Tenders, Except Precision	26	3.4
Technicians, Exc Health/Engineering/Science	5	3.5	Fabricators, Assemblers, Inspectors, Samplers	10	2.2
Sales			Transport		
Supervisors and Proprietors, Sales Occupations	23	3.8	Motor Vehicle Operators	106	17.6
Sales Reps, Finance and Business Services	5	1.9	Other Transport and Material Moving Occ	27	13.0
Sales Reps, Commodities, Except Retail	8	3.7	Laborers		
Sales Workers, Retail & Personal Services	13	1.4	Construction Laborers	58	56.5
Sales Related Occupations	3	---	Freight, Stock, & Materials Handlers	9	3.3
Clerical			Other Handlers, Equip. Cleaner, Helper, Laborer	51	13.6
Supervisors, Administrative Support	---	---	Other or Not Classified	41	---
Computer Equipment Operators	---	---			
Secretaries, Stenographers, and Typists	---	---			
Financial Records Processing	---	---			
Mail and Message Distribution	7	5.3			
Other Admin. Support, Including Clerical	8	0.7			

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