

## State of Arizona

Traumatic Occupational Fatalities (1980-1995):

Number: 590

Rate: 2.4 per 100,000 workers

Leading Causes of Death (1980-1995):

Motor Vehicle - 135

Machine - 81

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

Number: Construction - 99

Rate: Mining - 14.9 per 100,000 workers

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

Number: Precision Production/Craft/Repair - 106

Rate: Transportation/Material Movers - 9.4 per 100,000 workers

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

YEAR OF DEATH	NUMBER OF DEATHS	RATE PER 100,000
1980	70	6.5
1981	78	7.0
1982	42	3.5
1983	44	3.5
1984	56	4.2
1985	39	2.9
1986	20	1.4
1987	17	1.1
1988	11	0.7
1989	15	0.9
1990	12	0.7
1991	11	0.7
1992	36	2.1
1993	34	2.0
1994	48	2.6
1995	57	2.8
<b>Total</b>	<b>590</b>	<b>2.4</b>

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

DEMOGRAPHICS	Total		YEAR OF DEATH					
			1980-85		1986-90		1991-95	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Sex								
Male	550	4.1	313	7.5	69	1.6	168	3.4
Female	40	0.4	16	0.5	6	0.2	18	0.4
Race								
White	544	2.4	301	4.3	71	0.9	172	2.1
Black	15	2.5	10	6.6	---	---	---	---
Other	28	3.8	18	10.2	3	1.5	7	1.9
Age Group								
16-17	8	1.5	8	4.0	---	---	---	---
18-19	22	2.4	14	4.3	3	1.0	5	1.6
20-24	65	2.1	38	3.3	13	1.3	14	1.5
25-34	159	2.2	88	3.9	19	0.8	52	2.1
35-44	141	2.4	67	4.2	20	1.1	54	2.2
45-54	118	3.1	71	7.0	10	0.8	37	2.3
55-64	57	2.7	32	4.8	7	1.1	18	2.3
65+	19	3.3	10	6.0	3	1.6	6	2.7

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

CAUSE OF DEATH	NUMBER OF DEATHS	RATE PER 100,000
Motor Vehicle	135	0.6
Machine	81	0.3
Fall	67	0.3
Struck by Falling Object	56	0.2
Electrocution	52	0.2
Homicide	48	0.2
Air Transport	44	0.2
Flying Object/Caught In	19	0.1
Explosion	17	0.1
Nature/Environment	16	0.1
Suffocation	12	< 0.1
Suicide	10	< 0.1
Poisoning	8	< 0.1
Rail Transport	5	< 0.1
Drowning	4	< 0.1
Fire	---	---
Water Transport	---	---
Other	10	< 0.1
Unknown/Undetermined	3	---

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

<sup>†</sup>Rates not calculated for "unknown" or "not classified" categories.

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

**Table AZ-4. Number<sup>\*†</sup> and Rate<sup>†‡§</sup> (per 100,000 workers) of Traumatic Occupational Fatalities by Year for Industry and Occupation Division, Arizona, 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	35	5.6	14	10.4	3	1.2	18	7.3
Mining	26	14.9	8	18.7	7	10.2	11	17.3
Construction	99	6.0	40	11.4	23	3.5	36	5.6
Manufacturing	41	1.6	7	1.3	9	0.9	25	2.3
Trans/Comm/PU	61	4.5	30	11.2	7	1.6	24	3.8
Wholesale Trade	12	1.4	6	3.6	---	---	---	---
Retail Trade	36	1.0	7	1.0	8	0.6	21	1.3
Finance/Insur/RE	7	0.4	---	---	---	---	7	1.1
Services	38	0.5	15	1.2	6	0.2	17	0.5
Public Admin	27	2.4	---	---	---	---	18	3.5
Not Classified	18	---	5	---	8	---	5	---
Occupation Division								
Exec/Adm/Mgr	29	1.0	6	1.2	6	0.5	17	1.3
Prof/Spec	9	0.3	---	---	---	---	5	0.4
Tech/Support	13	1.7	8	5.5	---	---	5	1.5
Sales	14	0.5	---	---	---	---	10	0.8
Clerical	10	0.3	---	---	---	---	7	0.5
Service	44	1.5	11	2.1	7	0.6	26	2.2
Farm/For/Fish	35	5.7	13	10.0	5	2.1	17	6.8
Crafts	106	4.1	34	6.1	25	2.5	47	4.5
Mach Operators	20	2.5	4	2.4	6	1.8	10	3.3
Transport	70	9.4	39	27.8	7	2.4	24	7.7
Laborers	38	4.8	17	9.9	6	2.0	15	4.6
Not Classified	12	---	3	---	6	---	3	---

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

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

DETAILED INDUSTRY	NO. OF DEATHS	RATE	DETAILED INDUSTRY	NO. OF DEATHS	RATE
Ag/For/Fish			Retail Trade		
Ag Production	19	7.0	Food Stores	11	1.8
Ag Services	15	4.5	Motor Veh/Auto Supply Dealer	3	0.7
Forestry & Fisheries	---	---	Apparel & Accessory Stores	---	---
Mining			Eating & Drinking Places	9	0.8
Metal/Coal/Nonmetal Mining	25	14.9	Other Retail Trade	13	0.9
Oil and Gas Extraction	---	---	Finance/Insur/RE		
Construction	99	6.0	Banking and Other Finance	---	---
Manufacturing			Insurance and Real Estate	5	0.5
Food & Kindred Prod	3	2.5	Services		
Textile Mill Prod	---	---	Business Services	8	0.8
Apparel & Other Textile Pr	---	---	Automobile and Repair Services	8	1.8
Paper & Allied Products	3	10.3	Private Household Services	---	---
Printing/Publishing/Allied	---	---	Pers Serv Exc Priv Household	3	0.4
Chemical/Petroleum/Rubber	4	2.7	Entertainment & Rec Services	7	2.0
Lumber & Wood	5	6.2	Hospitals	---	---
Furniture	---	---	Health Services, Exc Hosp	---	---
Stone/Clay/Concrete	---	---	Educational Services	---	---
Primary Metals	5	7.3	Other Professional Services	7	0.6
Fabricated Metals	3	2.1	Public Admin		
Mach, Ex Elect	3	0.8	Justice, Pub Order, & Safety	14	3.2
Elect Mach, Equip Supplies	---	---	Admin of Hum Res Programs	---	---
Motor Vehicles Equip	---	---	National Sec/Internal Affairs	4	2.2
Aircraft & Parts	---	---	Other Pub Admin	8	2.1
Other Transport Equip	---	---	Not Classified	18	---
Prof & Photo Equip/Watches	---	---			
Toys/Amusement/Sporting Goods	---	---			
Misc & NEC Industries	5	7.0			
Trans/Comm/PU					
Trucking/Warehousing/Storage	29	10.5			
Other Transportation	23	5.3			
Telephone Communications	---	---			
Other Communications	---	---			
Electric Light and Power	4	2.4			
Other Utility/Sanitary Service	4	2.3			
Wholesale Trade	12	1.4			

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**Table AZ-6. Number\* and Average Annual Rate<sup>†‡</sup> (per 100,000 workers) of Traumatic Occupational Fatalities by Detailed Occupation Groupings, Arizona, 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	26	1.3	Protective Service	22	5.7
Management Related Occupations	---	---	Food Service	5	0.5
Prof/Spec			Health Service	---	---
Engineers	---	---	Cleaning and Building Service	11	2.0
Mathematical and Computer Scientists	---	---	Personal Service	5	1.1
Natural Scientists	---	---	Farm/For/Fish		
Health Diagnosing Occupations	---	---	Farm Operators and Managers	5	6.9
Health Assessment and Treatment Occupations	---	---	Farm Workers and Related Occupations	27	5.0
Teachers, College and University	---	---	Forestry and Fishing Occupations	3	---
Teachers, Except College and University	---	---	Crafts		
Lawyers and Judges	3	3.6	Mechanics and Repairers	19	2.2
Other Professional Specialty Occupations	---	---	Construction Trades	64	6.1
Tech/Support			Other Precision Production, Craft, and Repair	23	3.3
Health Technologists and Technicians	---	---	Mach Operators		
Engineering and Science Technicians	---	---	Machine Operators/Tenders, Except Precision	12	2.8
Technicians, Exc Health/Engineering/Science	11	3.9	Fabricators, Assemblers, Inspectors, Samplers	8	2.1
Sales			Transport		
Supervisors and Proprietors, Sales Occupations	8	1.1	Motor Vehicle Operators	47	8.2
Sales Reps, Finance and Business Services	---	---	Other Transport and Material Moving Occ	23	13.4
Sales Reps, Commodities, Except Retail	---	---	Laborers		
Sales Workers, Retail & Personal Services	5	0.4	Construction Laborers	22	14.0
Sales Related Occupations	---	---	Freight, Stock, & Materials Handlers	4	1.5
Clerical			Other Handlers, Equip. Cleaner, Helper, Laborer	12	3.2
Supervisors, Administrative Support	---	---	Other or Not Classified	12	---
Computer Equipment Operators	---	---			
Secretaries, Stenographers, and Typists	---	---			
Financial Records Processing	---	---			
Mail and Message Distribution	---	---			
Other Admin. Support, Including Clerical	6	0.4			

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