

## State of Virginia

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

Number: 2,495

Rate: 5.4 per 100,000 workers

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

Motor Vehicle - 594

Machine - 393

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

Number: Construction - 406

Rate: Mining - 44.3 per 100,000 workers

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

Number: Precision Production/Craft/Repair - 437

Rate: Farming/Forestry/Fishing - 25.8 per 100,000 workers

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

YEAR OF DEATH	NUMBER OF DEATHS	RATE PER 100,000
1980	244	10.0
1981	194	7.9
1982	163	6.7
1983	219	8.6
1984	198	7.4
1985	194	7.2
1986	195	7.1
1987	171	6.0
1988	178	6.0
1989	140	4.6
1990	117	3.8
1991	96	3.1
1992	106	3.3
1993	90	2.8
1994	101	3.1
1995	89	2.7
<b>Total</b>	<b>2,495</b>	<b>5.4</b>

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

DEMOGRAPHICS	Total		YEAR OF DEATH					
			1980-85		1986-90		1991-95	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Sex								
Male	2,343	9.4	1,144	13.5	747	9.4	452	5.3
Female	152	0.7	68	1.0	54	0.8	30	0.4
Race								
White	1,949	5.3	967	7.6	596	5.1	386	3.0
Black	497	6.2	230	9.5	183	6.9	84	2.9
Other	37	3.4	13	6.1	15	4.0	9	1.8
Age Group								
16-17	25	2.6	16	4.5	---	---	---	---
18-19	54	3.8	31	5.7	19	4.3	4	0.9
20-24	284	5.4	149	7.5	94	5.7	41	2.5
25-34	625	4.8	297	6.8	206	5.0	122	2.8
35-44	507	4.3	234	6.8	154	4.0	119	2.7
45-54	441	5.5	217	8.9	139	5.6	85	2.8
55-64	353	7.7	176	10.2	112	8.0	65	4.4
65+	202	17.1	91	22.0	68	19.4	43	10.2

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

CAUSE OF DEATH	NUMBER OF DEATHS	RATE PER 100,000
Motor Vehicle	594	1.3
Machine	393	0.9
Struck By Falling Object	238	0.5
Fall	237	0.5
Homicide	211	0.5
Electrocution	194	0.4
Water Transport	78	0.2
Suicide	76	0.2
Explosion	69	0.1
Nature/Environment	67	0.1
Air Transport	43	0.1
Fire	41	0.1
Flying Object/Caught In	39	0.1
Drowning	35	0.1
Suffocation	33	0.1
Poisoning	30	0.1
Rail Transport	23	< 0.1
Other	62	0.1
Unknown\Undetermined	32	---

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

**Table VA-4.** Number and Rate\* (per 100,000 workers) of Traumatic Occupational Fatalities by Year for Industry and Occupation Division, Virginia, 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	187	19.7	53	27.0	84	22.7	50	13.0
Mining	105	44.3	36	98.4	39	30.0	30	42.7
Construction	406	14.5	109	19.6	178	16.4	119	10.3
Manufacturing	316	5.3	111	7.9	133	5.9	72	3.2
Trans/Comm/PU	284	11.0	111	21.4	104	10.9	69	6.2
Wholesale Trade	58	4.2	15	5.3	29	5.1	14	2.6
Retail Trade	116	1.9	35	2.8	61	2.7	20	0.8
Finance/Insur/RE	22	0.9	6	1.3	11	1.2	5	0.5
Services	185	1.4	56	2.2	78	1.6	51	0.9
Public Admin	94	2.6	29	3.8	37	2.7	28	2.0
Not Classified	121	---	50	---	47	---	24	---
Occupation Division								
Exec/Adm/Mgr	110	2.0	27	2.6	50	2.4	33	1.4
Prof/Spec	60	1.1	24	2.2	19	0.9	17	0.7
Tech/Support	35	2.6	11	4.4	12	2.2	12	2.2
Sales	82	1.9	28	3.2	45	2.7	9	0.5
Clerical	35	0.6	8	0.6	20	0.9	7	0.3
Service	109	2.3	32	3.3	56	3.2	21	1.0
Farm/For/Fish	256	25.8	70	32.8	113	28.8	73	18.9
Crafts	437	9.3	144	14.3	170	9.4	123	6.5
Mach Operators	92	3.8	32	5.7	30	3.4	30	3.2
Transport	336	19.7	126	33.9	129	20.0	81	11.8
Laborers	238	16.2	69	21.6	105	16.8	64	12.1
Not Classified	104	---	40	---	52	---	12	---

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

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

DETAILED INDUSTRY	NO. OF DEATHS	RATE	DETAILED INDUSTRY	NO. OF DEATHS	RATE
Ag/For/Fish			Retail Trade		
Ag Production	132	20.6	Food Stores	23	2.4
Ag Services	28	10.3	Motor Veh/Auto Supply Dealer	23	3.1
Forestry & Fisheries	27	74.6	Apparel & Accessory Stores	---	---
Mining			Eating & Drinking Places	25	1.5
Metal/Coal/Nonmetal Mining	104	45.9	Other Retail Trade	45	1.8
Oil and Gas Extraction	---	---	Finance/Insur/RE		
Construction	406	14.5	Banking and Other Finance	3	0.3
Manufacturing			Insurance and Real Estate	19	1.6
Food & Kindred Prod	23	4.3	Services		
Textile Mill Prod	12	2.4	Business Services	29	1.6
Apparel & Other Textile Pr	4	1.1	Automobile and Repair Services	41	7.2
Paper & Allied Products	13	6.4	Private Household Services	4	0.9
Printing/Publishing/Allied	7	1.2	Pers Serv Exc Priv Household	30	2.6
Chemical/Petroleum/Rubber	27	5.5	Entertainment & Rec Services	10	2.2
Lumber & Wood	113	33.6	Hospitals	14	1.0
Furniture	11	4.8	Health Services, Exc Hosp	4	0.3
Stone/Clay/Concrete	14	10.1	Educational Services	24	0.8
Primary Metals	26	14.1	Other Professional Services	29	1.0
Fabricated Metals	---	---	Public Admin		
Mach, Ex Elect	14	3.3	Justice, Pub Order, & Safety	44	5.7
Elect Mach, Equip Supplies	3	0.6	Admin of Hum Res Programs	---	---
Motor Vehicles Equip	---	---	National Sec/Internal Affairs	15	1.1
Aircraft & Parts	---	---	Other Pub Admin	34	2.9
Other Transport Equip	20	3.4	Not Classified	122	---
Prof & Photo Equip/Watches	3	2.6			
Toys/Amusement/Sporting Goods	---	---			
Misc & NEC Industries	23	8.9			
Trans/Comm/PU					
Trucking/Warehousing/Storage	156	26.3			
Other Transportation	91	10.6			
Telephone Communications	3	0.7			
Other Communications	3	1.5			
Electric Light and Power	17	6.1			
Other Utility/Sanitary Service	14	6.5			
Wholesale Trade	58	4.2			

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

DETAILED OCCUPATION	NO. OF DEATHS	RATE	DETAILED OCCUPATION	NO. OF DEATHS	RATE
Exec/Adm/Mgr			Service		
Officials & Administrators, Public Admin	4	0.8	Private Household Service Occupations	4	1.1
Other Executive, Admin & Managerial	89	2.6	Protective Service	54	8.0
Management Related Occupations	17	1.1	Food Service	6	0.4
Prof/Spec			Health Service	6	1.0
Engineers	19	2.6	Cleaning and Building Service	34	4.1
Mathematical and Computer Scientists	---	---	Personal Service	5	0.6
Natural Scientists	4	2.7	Farm/For/Fish		
Health Diagnosing Occupations	4	1.5	Farm Operators and Managers	113	31.0
Health Assessment and Treatment Occupations	4	0.6	Farm Workers and Related Occupations	53	9.3
Teachers, College and University	3	1.4	Forestry and Fishing Occupations	90	158.5
Teachers, Except College and University	7	0.5	Crafts		
Lawyers and Judges	---	---	Mechanics and Repairers	79	5.0
Other Professional Specialty Occupations	17	1.3	Construction Trades	210	10.8
Tech/Support			Other Precision Production, Craft, and Repair	148	12.3
Health Technologists and Technicians	4	1.0	Mach Operators		
Engineering and Science Technicians	15	3.5	Machine Operators/Tenders, Except Precision	64	3.8
Technicians, Exc Health/Engineering/Science	16	3.2	Fabricators, Assemblers, Inspectors, Samplers	28	4.0
Sales			Transport		
Supervisors and Proprietors, Sales Occupations	32	2.5	Motor Vehicle Operators	246	19.3
Sales Reps, Finance and Business Services	13	1.9	Other Transport and Material Moving Occ	90	20.8
Sales Reps, Commodities, Except Retail	11	2.9	Laborers		
Sales Workers, Retail & Personal Services	26	1.3	Construction Laborers	106	47.2
Sales Related Occupations	---	---	Freight, Stock, & Materials Handlers	21	4.0
Clerical			Other Handlers, Equip. Cleaner, Helper, Laborer	111	15.3
Supervisors, Administrative Support	---	---	Other or Not Classified	104	---
Computer Equipment Operators	---	---			
Secretaries, Stenographers, and Typists	7	0.4			
Financial Records Processing	---	---			
Mail and Message Distribution	8	2.9			
Other Admin. Support, Including Clerical	17	0.6			

\*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.