

State of Tennessee

Traumatic Occupational Fatalities (1980-1995):

Number: 1,970

Rate: 5.7 per 100,000 workers

Leading Causes of Death (1980-1995):

Motor Vehicle - 348

Machine - 342

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

Number: Construction - 310

Rate: Mining - 49.6 per 100,000 workers

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

Number: Precision Production/Craft/Repair - 323

Rate: Farming/Forestry/Fishing - 23.4 per 100,000 workers

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

YEAR OF DEATH	NUMBER OF DEATHS	RATE PER 100,000
1980	139	7.3
1981	158	8.3
1982	143	7.6
1983	130	6.7
1984	125	6.1
1985	136	6.6
1986	149	7.1
1987	127	5.8
1988	136	6.2
1989	139	6.1
1990	82	3.6
1991	75	3.3
1992	76	3.3
1993	94	4.0
1994	132	5.2
1995	129	5.0
Total	1,970	5.7

Table TN-2. Number^{*†‡} and Rate[§] (per 100,000 workers) of Traumatic Occupational Fatalities by Year for Sex, Race, and Age Group, Tennessee, 1980-1995.

DEMOGRAPHICS	Total		YEAR OF DEATH					
			1980-85		1986-90		1991-95	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Sex								
Male	1,848	9.7	789	12.0	597	9.9	462	7.2
Female	122	0.8	42	0.8	36	0.7	44	0.8
Race								
White	1,724	5.8	734	7.3	551	5.9	439	4.4
Black	229	4.6	95	6.0	73	4.6	61	3.3
Other	15	5.7	---	---	8	10.6	---	---
Age Group								
16-17	13	1.8	9	3.8	---	---	---	---
18-19	38	3.1	15	3.6	13	3.2	10	2.5
20-24	208	4.9	100	6.3	56	4.4	52	3.7
25-34	449	4.7	190	5.5	154	5.0	105	3.4
35-44	485	5.7	186	7.5	167	6.1	132	4.1
45-54	324	5.5	123	6.7	107	5.9	94	4.3
55-64	276	7.6	139	10.4	76	6.7	61	5.4
65+	177	16.9	69	19.7	57	16.8	51	14.3

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

CAUSE OF DEATH	NUMBER OF DEATHS	RATE PER 100,000
Motor Vehicle	348	1.0
Machine	342	1.0
Homicide	287	0.8
Fall	220	0.6
Struck By Falling Object	176	0.5
Electrocution	132	0.4
Explosion	70	0.2
Suicide	68	0.2
Nature/Environment	53	0.2
Air Transport	45	0.1
Flying Object/Caught In	44	0.1
Fire	40	0.1
Suffocation	33	0.1
Drowning	24	0.1
Poisoning	19	0.1
Water Transport	13	< 0.1
Rail Transport	5	< 0.1
Other	36	0.1
Unknown\Undetermined	15	---

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

Table TN-4. Number and Rate* (per 100,000 workers) of Traumatic Occupational Fatalities by Year for Industry and Occupation Division, Tennessee, 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	169	19.5	40	17.8	72	22.5	57	17.8
Mining	46	49.6	16	65.3	18	43.6	12	44.5
Construction	310	15.2	75	17.9	137	15.4	98	13.3
Manufacturing	256	3.6	64	4.1	106	3.8	86	3.2
Trans/Comm/PU	222	9.8	70	15.1	91	11.0	61	6.3
Wholesale Trade	36	3.2	9	3.6	12	2.9	15	3.2
Retail Trade	165	3.5	34	3.5	61	3.5	70	3.5
Finance/Insur/RE	12	0.8	3	1.1	4	0.7	5	0.8
Services	168	2.0	39	2.4	68	2.2	61	1.7
Public Admin	58	5.1	14	6.0	27	6.2	17	3.7
Not Classified	88	---	27	---	37	---	24	---
Occupation Division								
Exec/Adm/Mgr	97	3.3	21	3.8	37	3.4	39	3.0
Prof/Spec	54	1.8	13	2.1	27	2.5	14	1.0
Tech/Support	25	2.8	6	4.1	10	2.9	9	2.2
Sales	107	3.3	25	3.7	38	3.2	44	3.2
Clerical	29	0.7	6	0.7	13	0.8	10	0.6
Service	87	2.4	19	2.5	28	2.0	40	2.6
Farm/For/Fish	214	23.4	52	22.4	88	25.9	74	21.6
Crafts	323	8.5	74	8.9	135	8.8	114	7.9
Mach Operators	85	2.4	22	2.7	38	2.7	25	1.8
Transport	235	16.9	66	23.2	106	20.8	63	10.6
Laborers	191	13.3	51	17.7	82	14.7	58	9.9
Not Classified	83	---	36	---	31	---	16	---

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

Table TN-5. Number* and Average Annual Rate^{†‡} (per 100,000 workers) of Traumatic Occupational Fatalities by Detailed Industry Groupings, Tennessee, 1983-1995.

DETAILED INDUSTRY	NO. OF DEATHS	RATE	DETAILED INDUSTRY	NO. OF DEATHS	RATE
Ag/For/Fish			Retail Trade		
Ag Production	132	19.8	Food Stores	56	6.5
Ag Services	29	16.3	Motor Veh/Auto Supply Dealer	23	4.1
Forestry & Fisheries	8	37.9	Apparel & Accessory Stores	---	---
Mining			Eating & Drinking Places	36	2.8
Metal/Coal/Nonmetal Mining	40	52.8	Other Retail Trade	49	2.7
Oil and Gas Extraction	6	---	Finance/Insur/RE		
Construction	310	15.2	Banking and Other Finance	---	---
Manufacturing			Insurance and Real Estate	10	1.2
Food & Kindred Prod	11	2.8	Services		
Textile Mill Prod	5	1.4	Business Services	28	3.1
Apparel & Other Textile Pr	3	0.3	Automobile and Repair Services	47	10.8
Paper & Allied Products	12	5.0	Private Household Services	6	2.2
Printing/Publishing/Allied	4	0.8	Pers Serv Exc Priv Household	20	2.4
Chemical/Petroleum/Rubber	30	3.7	Entertainment & Rec Services	18	5.5
Lumber & Wood	79	27.1	Hospitals	7	0.5
Furniture	3	0.6	Health Services, Exc Hosp	8	0.7
Stone/Clay/Concrete	7	3.2	Educational Services	17	0.9
Primary Metals	24	13.8	Other Professional Services	17	1.3
Fabricated Metals	9	2.0	Public Admin		
Mach, Ex Elect	17	3.1	Justice, Pub Order, & Safety	35	7.4
Elect Mach, Equip Supplies	17	3.4	Admin of Hum Res Programs	---	---
Motor Vehicles Equip	12	3.0	National Sec/Internal Affairs	6	6.7
Aircraft & Parts	4	4.8	Other Pub Admin	16	4.2
Other Transport Equip	---	---	Not Classified	89	---
Prof & Photo Equip/Watches	---	---			
Toys/Amusement/Sporting Goods	---	---			
Misc & NEC Industries	18	7.0			
Trans/Comm/PU					
Trucking/Warehousing/Storage	121	17.7			
Other Transportation	51	8.3			
Telephone Communications	---	---			
Other Communications	3	2.8			
Electric Light and Power	26	7.4			
Other Utility/Sanitary Service	19	7.0			
Wholesale Trade	36	3.2			

*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 TN-6. Number* and Average Annual Rate^{†‡} (per 100,000 workers) of Traumatic Occupational Fatalities by Detailed Occupation Groupings, Tennessee, 1983-1995.

DETAILED OCCUPATION	NO. OF DEATHS	RATE	DETAILED OCCUPATION	NO. OF DEATHS	RATE
Exec/Adm/Mgr			Service		
Officials & Administrators, Public Admin	4	4.1	Private Household Service Occupations	5	2.4
Other Executive, Admin & Managerial	85	4.0	Protective Service	40	8.3
Management Related Occupations	8	1.1	Food Service	13	1.1
Prof/Spec			Health Service	4	0.8
Engineers	13	3.6	Cleaning and Building Service	24	3.1
Mathematical and Computer Scientists	---	---	Personal Service	---	---
Natural Scientists	3	3.9	Farm/For/Fish		
Health Diagnosing Occupations	4	2.2	Farm Operators and Managers	121	26.1
Health Assessment and Treatment Occupations	6	1.1	Farm Workers and Related Occupations	37	9.3
Teachers, College and University	---	---	Forestry and Fishing Occupations	56	109.5
Teachers, Except College and University	10	1.2	Crafts		
Lawyers and Judges	4	2.7	Mechanics and Repairers	77	6.4
Other Professional Specialty Occupations	12	1.7	Construction Trades	166	11.7
Tech/Support			Other Precision Production, Craft, and Repair	80	6.8
Health Technologists and Technicians	---	---	Mach Operators		
Engineering and Science Technicians	7	2.9	Machine Operators/Tenders, Except Precision	58	2.4
Technicians, Exc Health/Engineering/Science	16	7.5	Fabricators, Assemblers, Inspectors, Samplers	27	2.4
Sales			Transport		
Supervisors and Proprietors, Sales Occupations	61	6.5	Motor Vehicle Operators	171	17.3
Sales Reps, Finance and Business Services	7	1.6	Other Transport and Material Moving Occ	64	16.1
Sales Reps, Commodities, Except Retail	4	1.2	Laborers		
Sales Workers, Retail & Personal Services	34	2.2	Construction Laborers	100	50.1
Sales Related Occupations	---	---	Freight, Stock, & Materials Handlers	25	4.1
Clerical			Other Handlers, Equip. Cleaner, Helper, Laborer	66	10.6
Supervisors, Administrative Support	---	---	Other or Not Classified	83	---
Computer Equipment Operators	---	---			
Secretaries, Stenographers, and Typists	---	---			
Financial Records Processing	---	---			
Mail and Message Distribution	5	2.7			
Other Admin. Support, Including Clerical	19	0.9			

*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.