

## State of Pennsylvania

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

Number: 3,926

Rate: 4.7 per 100,000 workers

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

Motor Vehicle - 969

Machine - 494

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

Number: Construction - 577

Rate: Mining - 26.2 per 100,000 workers

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

Number: Precision Production/Craft/Repair - 632

Rate: Farming/Forestry/Fishing - 20.4 per 100,000 workers

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

YEAR OF DEATH	NUMBER OF DEATHS	RATE PER 100,000
1980	332	6.6
1981	294	5.8
1982	233	4.8
1983	252	5.2
1984	260	5.2
1985	257	5.0
1986	228	4.4
1987	249	4.7
1988	241	4.4
1989	217	3.9
1990	239	4.4
1991	236	4.3
1992	222	4.1
1993	228	4.2
1994	237	4.3
1995	201	3.7
<b>Total</b>	<b>3,926</b>	<b>4.7</b>

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

DEMOGRAPHICS	Total		YEAR OF DEATH					
			1980-85		1986-90		1991-95	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Sex								
Male	3,659	7.8	1,505	8.8	1,101	7.3	1,053	7.1
Female	267	0.7	123	1.0	73	0.6	71	0.6
Race								
White	3,456	4.5	1,432	5.2	1,047	4.2	977	3.9
Black	391	6.8	179	8.9	114	6.1	98	5.2
Other	54	5.5	13	6.0	9	2.8	32	7.1
Age Group								
16-17	38	1.9	21	2.7	13	2.1	4	0.7
18-19	86	2.9	50	4.0	29	3.2	7	0.9
20-24	372	3.9	191	4.9	95	3.2	86	3.1
25-34	928	4.1	389	4.8	286	3.8	253	3.6
35-44	811	4.0	293	4.7	236	3.6	282	3.8
45-54	655	4.4	249	4.9	177	4.0	229	4.4
55-64	646	6.7	277	7.4	210	6.6	159	5.7
65+	389	15.3	157	18.0	128	15.7	104	12.1

\*Numbers not reported for "unknown" categories.

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

CAUSE OF DEATH	NUMBER OF DEATHS	RATE PER 100,000
Motor Vehicle	969	1.1
Machine	494	0.6
Fall	457	0.5
Homicide	447	0.5
Struck By Falling Object	283	0.3
Electrocution	206	0.2
Suicide	205	0.2
Explosion	104	0.1
Poisoning	103	0.1
Fire	83	0.1
Flying Object/Caught In	83	0.1
Air Transport	75	0.1
Nature/Environment	75	0.1
Suffocation	72	0.1
Drowning	38	< 0.1
Rail Transport	34	< 0.1
Water Transport	10	< 0.1
Other	151	0.2
Unknown\Undetermined	37	---

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

**Table PA-4.** Number and Rate\* (per 100,000 workers) of Traumatic Occupational Fatalities by Year for Industry and Occupation Division, Pennsylvania, 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	225	18.4	66	24.3	93	19.7	66	13.8
Mining	115	26.2	33	22.6	35	21.0	47	37.4
Construction	577	13.5	130	15.7	238	13.1	209	13.0
Manufacturing	566	4.0	155	4.4	224	4.0	187	3.7
Trans/Comm/PU	491	10.4	113	11.5	174	9.5	204	10.7
Wholesale Trade	66	2.5	16	2.9	20	2.0	30	2.8
Retail Trade	291	2.4	63	2.4	98	2.1	130	2.7
Finance/Insur/RE	51	1.2	11	1.3	26	1.5	14	0.8
Services	363	1.6	78	1.7	133	1.5	152	1.6
Public Admin	121	4.2	35	5.6	44	4.0	42	3.7
Not Classified	201	---	69	---	89	---	43	---
Occupation Division								
Exec/Adm/Mgr	200	2.6	49	3.3	60	2.0	91	2.8
Prof/Spec	114	1.2	35	1.8	30	0.9	49	1.3
Tech/Support	61	2.6	18	4.0	16	1.8	27	2.8
Sales	204	2.5	48	2.8	69	2.2	87	2.7
Clerical	85	0.8	17	0.7	33	0.7	35	0.8
Service	260	2.8	67	3.4	102	2.8	91	2.5
Farm/For/Fish	273	20.4	87	29.0	108	21.1	78	14.9
Crafts	632	7.6	160	8.5	245	7.3	227	7.3
Mach Operators	196	3.6	45	3.3	82	3.8	69	3.6
Transport	540	17.5	118	17.9	211	17.5	211	17.2
Laborers	388	11.7	90	13.1	165	12.2	133	10.5
Not Classified	114	---	35	---	53	---	26	---

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

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

DETAILED INDUSTRY	NO. OF DEATHS	RATE	DETAILED INDUSTRY	NO. OF DEATHS	RATE
Ag/For/Fish			Retail Trade		
Ag Production	185	23.1	Food Stores	57	2.6
Ag Services	37	9.4	Motor Veh/Auto Supply Dealer	42	3.2
Forestry & Fisheries	3	10.8	Apparel & Accessory Stores	9	1.5
Mining			Eating & Drinking Places	76	2.3
Metal/Coal/Nonmetal Mining	99	27.6	Other Retail Trade	107	2.3
Oil and Gas Extraction	16	19.9	Finance/Insur/RE		
Construction	577	13.5	Banking and Other Finance	16	0.9
Manufacturing			Insurance and Real Estate	35	1.4
Food & Kindred Prod	44	3.8	Services		
Textile Mill Prod	10	2.7	Business Services	64	2.5
Apparel & Other Textile Pr	6	0.6	Automobile and Repair Services	96	8.0
Paper & Allied Products	13	2.5	Private Household Services	7	1.4
Printing/Publishing/Allied	24	2.0	Pers Serv Exc Priv Household	40	2.3
Chemical/Petroleum/Rubber	53	3.2	Entertainment & Rec Services	14	1.9
Lumber & Wood	88	24.4	Hospitals	22	0.6
Furniture	3	0.9	Health Services, Exc Hosp	28	0.9
Stone/Clay/Concrete	35	6.2	Educational Services	44	0.9
Primary Metals	128	10.2	Other Professional Services	48	1.1
Fabricated Metals	21	2.0	Public Admin		
Mach, Ex Elect	31	1.8	Justice, Pub Order, & Safety	81	8.6
Elect Mach, Equip Supplies	20	1.6	Admin of Hum Res Programs	---	---
Motor Vehicles Equip	7	1.6	National Sec/Internal Affairs	9	1.7
Aircraft & Parts	6	4.2	Other Pub Admin	29	2.9
Other Transport Equip	10	2.9	Not Classified	203	---
Prof & Photo Equip/Watches	4	0.8			
Toys/Amusement/Sporting Goods	---	---			
Misc & NEC Industries	62	16.3			
Trans/Comm/PU					
Trucking/Warehousing/Storage	256	20.1			
Other Transportation	145	8.2			
Telephone Communications	10	2.0			
Other Communications	8	4.0			
Electric Light and Power	20	3.9			
Other Utility/Sanitary Service	52	11.0			
Wholesale Trade	66	2.5			

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

DETAILED OCCUPATION	NO. OF DEATHS	RATE	DETAILED OCCUPATION	NO. OF DEATHS	RATE
Exec/Adm/Mgr			Service		
Officials & Administrators, Public Admin	7	2.2	Private Household Service Occupations	4	1.0
Other Executive, Admin & Managerial	169	3.2	Protective Service	117	10.7
Management Related Occupations	24	1.2	Food Service	36	1.1
Prof/Spec			Health Service	8	0.6
Engineers	23	2.1	Cleaning and Building Service	78	4.3
Mathematical and Computer Scientists	4	1.0	Personal Service	17	1.4
Natural Scientists	9	3.6	Farm/For/Fish		
Health Diagnosing Occupations	11	1.9	Farm Operators and Managers	161	33.5
Health Assessment and Treatment Occupations	15	0.9	Farm Workers and Related Occupations	59	7.3
Teachers, College and University	3	0.7	Forestry and Fishing Occupations	53	116.7
Teachers, Except College and University	18	0.8	Crafts		
Lawyers and Judges	7	1.6	Mechanics and Repairers	126	4.5
Other Professional Specialty Occupations	24	1.1	Construction Trades	345	11.7
Tech/Support			Other Precision Production, Craft, and Repair	161	6.2
Health Technologists and Technicians	6	0.6	Mach Operators		
Engineering and Science Technicians	22	2.9	Machine Operators/Tenders, Except Precision	111	2.9
Technicians, Exc Health/Engineering/Science	33	5.4	Fabricators, Assemblers, Inspectors, Samplers	85	5.1
Sales			Transport		
Supervisors and Proprietors, Sales Occupations	98	4.5	Motor Vehicle Operators	405	17.9
Sales Reps, Finance and Business Services	22	1.9	Other Transport and Material Moving Occ	135	16.3
Sales Reps, Commodities, Except Retail	16	1.7	Laborers		
Sales Workers, Retail & Personal Services	68	1.8	Construction Laborers	161	35.3
Sales Related Occupations	---	---	Freight, Stock, & Materials Handlers	39	3.4
Clerical			Other Handlers, Equip. Cleaner, Helper, Laborer	188	11.0
Supervisors, Administrative Support	3	0.6	Other or Not Classified	114	---
Computer Equipment Operators	---	---			
Secretaries, Stenographers, and Typists	6	0.2			
Financial Records Processing	---	---			
Mail and Message Distribution	26	4.1			
Other Admin. Support, Including Clerical	47	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.