

State of South Dakota

Traumatic Occupational Fatalities (1980-1995):

Number: 495

Rate: 9.2 per 100,000 workers

Leading Causes of Death (1980-1995):

Machine - 145

Motor Vehicle - 135

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

Number: Agriculture/Forestry/Fisheries - 179

Rate: Agriculture/Forestry/Fisheries - 29.5 per 100,000 workers

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

Number: Farming/Forestry/Fishing - 182

Rate: Farming/Forestry/Fishing - 30.8 per 100,000 workers

Table SD-1. Number and Rate (per 100,000 workers) of Traumatic Occupational Fatalities by Year, South Dakota, 1980-1995.

| YEAR OF DEATH | NUMBER OF DEATHS | RATE PER 100,000 |
|---------------|------------------|------------------|
| 1980 | 39 | 11.8 |
| 1981 | 26 | 7.8 |
| 1982 | 33 | 10.8 |
| 1983 | 32 | 10.3 |
| 1984 | 41 | 12.6 |
| 1985 | 36 | 10.8 |
| 1986 | 31 | 9.3 |
| 1987 | 34 | 10.2 |
| 1988 | 25 | 7.3 |
| 1989 | 33 | 9.5 |
| 1990 | 30 | 9.0 |
| 1991 | 29 | 8.6 |
| 1992 | 25 | 7.3 |
| 1993 | 26 | 7.5 |
| 1994 | 28 | 7.8 |
| 1995 | 27 | 7.4 |
| Total | 495 | 9.2 |

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

| DEMOGRAPHICS | Total | | YEAR OF DEATH | | | | | |
|--------------|-------|------|---------------|------|---------|------|---------|------|
| | | | 1980-85 | | 1986-90 | | 1991-95 | |
| | No. | Rate | No. | Rate | No. | Rate | No. | Rate |
| Sex | | | | | | | | |
| Male | 472 | 15.9 | 198 | 18.1 | 142 | 15.4 | 132 | 13.9 |
| Female | 23 | 0.9 | 9 | 1.1 | 11 | 1.4 | 3 | 0.4 |
| Race | | | | | | | | |
| White | 476 | 9.2 | 203 | 10.8 | 146 | 9.0 | 127 | 7.6 |
| Black | --- | --- | --- | --- | --- | --- | --- | --- |
| Other | 19 | 9.3 | 4 | 7.0 | 7 | 9.4 | 8 | 11.0 |
| Age Group | | | | | | | | |
| 16-17 | 11 | 5.9 | --- | --- | 5 | 8.7 | --- | --- |
| 18-19 | 12 | 5.5 | 8 | 8.5 | --- | --- | --- | --- |
| 20-24 | 48 | 7.5 | 25 | 9.4 | 9 | 4.7 | 14 | 7.7 |
| 25-34 | 101 | 6.9 | 43 | 7.9 | 35 | 7.5 | 23 | 5.2 |
| 35-44 | 76 | 6.4 | 31 | 8.9 | 20 | 5.2 | 25 | 5.4 |
| 45-54 | 90 | 10.9 | 35 | 12.0 | 26 | 10.1 | 29 | 10.4 |
| 55-64 | 77 | 12.8 | 33 | 13.9 | 26 | 13.8 | 18 | 10.3 |
| 65+ | 79 | 29.4 | 26 | 28.7 | 30 | 34.9 | 23 | 25.0 |

*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 SD-3. *Number* and Average Annual Rate^{†‡} (per 100,000 workers) of Traumatic Occupational Fatalities by Cause of Death, South Dakota, 1980-1995.*

| CAUSE OF DEATH | NUMBER OF DEATHS | RATE PER 100,000 |
|--------------------------|------------------|------------------|
| Machine | 145 | 2.7 |
| Motor Vehicle | 135 | 2.5 |
| Struck By Falling Object | 30 | 0.6 |
| Fall | 26 | 0.5 |
| Air Transport | 24 | 0.4 |
| Nature/Environment | 17 | 0.3 |
| Suffocation | 16 | 0.3 |
| Poisoning | 15 | 0.3 |
| Electrocution | 14 | 0.3 |
| Homicide | 14 | 0.3 |
| Flying Object/Caught In | 11 | 0.2 |
| Suicide | 11 | 0.2 |
| Explosion | 10 | 0.2 |
| Fire | 5 | 0.1 |
| Drowning | --- | --- |
| Rail Transport | --- | --- |
| Water Transport | --- | --- |
| Other | 16 | 0.3 |
| Unknown\Undetermined | 3 | --- |

*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 SD-4. Number^{*†} and Rate^{‡§} (per 100,000 workers) of Traumatic Occupational Fatalities by Year for Industry and Occupation Division, South Dakota, 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 | 179 | 29.5 | 50 | 34.8 | 63 | 25.3 | 66 | 30.9 |
| Mining | 13 | 26.8 | 3 | --- | 4 | --- | 6 | --- |
| Construction | 57 | 24.7 | 16 | 31.9 | 21 | 25.2 | 20 | 20.5 |
| Manufacturing | 20 | 4.4 | 3 | 3.2 | 10 | 6.1 | 7 | 3.5 |
| Trans/Comm/PU | 52 | 21.2 | 14 | 25.8 | 21 | 22.2 | 17 | 17.5 |
| Wholesale Trade | 12 | 6.0 | --- | --- | 7 | 9.0 | 5 | 6.2 |
| Retail Trade | 9 | 1.2 | --- | --- | 6 | 2.1 | --- | --- |
| Finance/Insur/RE | 3 | 1.2 | --- | --- | 3 | 3.1 | --- | --- |
| Services | 27 | 1.9 | 9 | 3.0 | 9 | 1.7 | 9 | 1.6 |
| Public Admin | 7 | 3.6 | 4 | 8.2 | --- | --- | --- | --- |
| Not Classified | 18 | --- | 9 | --- | --- | --- | --- | --- |
| Occupation Division | | | | | | | | |
| Exec/Adm/Mgr | 13 | 3.1 | --- | --- | 8 | 5.1 | 5 | 2.8 |
| Prof/Spec | 10 | 1.9 | 5 | 4.6 | --- | --- | --- | --- |
| Tech/Support | 6 | 5.4 | --- | --- | --- | --- | --- | --- |
| Sales | 9 | 1.8 | --- | --- | 6 | 3.1 | --- | --- |
| Clerical | 4 | 0.7 | --- | --- | 4 | 1.8 | --- | --- |
| Service | 11 | 1.6 | --- | --- | 6 | 2.3 | --- | --- |
| Farm/For/Fish | 182 | 30.8 | 52 | 36.3 | 66 | 26.9 | 64 | 31.6 |
| Crafts | 51 | 11.3 | 10 | 9.9 | 20 | 11.9 | 21 | 11.6 |
| Mach Operators | 6 | 3.0 | --- | --- | 3 | 4.2 | --- | --- |
| Transport | 57 | 30.2 | 17 | 43.1 | 17 | 23.3 | 23 | 30.1 |
| Laborers | 33 | 19.9 | 11 | 33.4 | 13 | 19.7 | 9 | 13.5 |
| Not Classified | 15 | --- | --- | --- | 7 | --- | --- | --- |

*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 SD-5. Number* and Average Annual Rate†‡ (per 100,000 workers) of Traumatic Occupational Fatalities by Detailed Industry Groupings, South Dakota, 1983-1995.

| DETAILED INDUSTRY | NO. OF DEATHS | RATE | DETAILED INDUSTRY | NO. OF DEATHS | RATE |
|--------------------------------|---------------|------|--------------------------------|---------------|------|
| Ag/For/Fish | | | Retail Trade | | |
| Ag Production | 174 | 30.5 | Food Stores | --- | --- |
| Ag Services | 5 | 16.8 | Motor Veh/Auto Supply Dealer | --- | --- |
| Forestry & Fisheries | --- | --- | Apparel & Accessory Stores | --- | --- |
| Mining | | | Eating & Drinking Places | 4 | 1.7 |
| Metal/Coal/Nonmetal Mining | 13 | 27.7 | Other Retail Trade | --- | --- |
| Oil and Gas Extraction | --- | --- | Finance/Insur/RE | | |
| Construction | 57 | 24.7 | Banking and Other Finance | --- | --- |
| Manufacturing | | | Insurance and Real Estate | --- | --- |
| Food & Kindred Prod | 4 | 3.8 | Services | | |
| Textile Mill Prod | --- | --- | Business Services | --- | --- |
| Apparel & Other Textile Pr | --- | --- | Automobile and Repair Services | 11 | 13.8 |
| Paper & Allied Products | --- | --- | Private Household Services | --- | --- |
| Printing/Publishing/Allied | --- | --- | Pers Serv Exc Priv Household | --- | --- |
| Chemical/Petroleum/Rubber | 3 | 13.0 | Entertainment & Rec Services | --- | --- |
| Lumber & Wood | 6 | 22.8 | Hospitals | --- | --- |
| Furniture | --- | --- | Health Services, Exc Hosp | --- | --- |
| Stone/Clay/Concrete | --- | --- | Educational Services | 4 | 1.0 |
| Primary Metals | --- | --- | Other Professional Services | 4 | 1.8 |
| Fabricated Metals | --- | --- | Public Admin | | |
| Mach, Ex Elect | 3 | 4.0 | Justice, Pub Order, & Safety | 3 | 5.5 |
| Elect Mach, Equip Supplies | --- | --- | Admin of Hum Res Programs | --- | --- |
| Motor Vehicles Equip | --- | --- | National Sec/Internal Affairs | --- | --- |
| Aircraft & Parts | --- | --- | Other Pub Admin | 3 | 3.4 |
| Other Transport Equip | --- | --- | Not Classified | 18 | --- |
| Prof & Photo Equip/Watches | --- | --- | | | |
| Toys/Amusement/Sporting Goods | --- | --- | | | |
| Misc & NEC Industries | --- | --- | | | |
| Trans/Comm/PU | | | | | |
| Trucking/Warehousing/Storage | 35 | 35.5 | | | |
| Other Transportation | 10 | 17.3 | | | |
| Telephone Communications | --- | --- | | | |
| Other Communications | --- | --- | | | |
| Electric Light and Power | --- | --- | | | |
| Other Utility/Sanitary Service | 4 | 13.8 | | | |
| Wholesale Trade | 12 | 6.0 | | | |

*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 SD-6. Number* and Average Annual Rate^{†‡} (per 100,000 workers) of Traumatic Occupational Fatalities by Detailed Occupation Groupings, South Dakota, 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 | 9 | 3.0 | Protective Service | 4 | 8.6 |
| Management Related Occupations | 3 | 3.2 | Food Service | --- | --- |
| Prof/Spec | | | Health Service | --- | --- |
| Engineers | --- | --- | Cleaning and Building Service | 4 | 3.2 |
| Mathematical and Computer Scientists | --- | --- | Personal Service | --- | --- |
| Natural Scientists | --- | --- | Farm/For/Fish | | |
| Health Diagnosing Occupations | --- | --- | Farm Operators and Managers | 159 | 39.5 |
| Health Assessment and Treatment Occupations | --- | --- | Farm Workers and Related Occupations | 20 | 11.0 |
| Teachers, College and University | --- | --- | Forestry and Fishing Occupations | 3 | --- |
| Teachers, Except College and University | --- | --- | Crafts | | |
| Lawyers and Judges | --- | --- | Mechanics and Repairers | 15 | 10.1 |
| Other Professional Specialty Occupations | 3 | 2.4 | Construction Trades | 24 | 15.8 |
| Tech/Support | | | Other Precision Production, Craft, and Repair | 12 | 8.0 |
| Health Technologists and Technicians | --- | --- | Mach Operators | | |
| Engineering and Science Technicians | --- | --- | Machine Operators/Tenders, Except Precision | --- | --- |
| Technicians, Exc Health/Engineering/Science | 6 | 24.1 | Fabricators, Assemblers, Inspectors, Samplers | 4 | 4.9 |
| Sales | | | Transport | | |
| Supervisors and Proprietors, Sales Occupations | 6 | 3.8 | Motor Vehicle Operators | 44 | 29.5 |
| Sales Reps, Finance and Business Services | --- | --- | Other Transport and Material Moving Occ | 13 | 32.7 |
| Sales Reps, Commodities, Except Retail | --- | --- | Laborers | | |
| Sales Workers, Retail & Personal Services | --- | --- | Construction Laborers | 16 | 60.9 |
| Sales Related Occupations | --- | --- | Freight, Stock, & Materials Handlers | 4 | 7.4 |
| Clerical | | | Other Handlers, Equip. Cleaner, Helper, Laborer | 13 | 15.2 |
| Supervisors, Administrative Support | --- | --- | Other or Not Classified | 15 | --- |
| Computer Equipment Operators | --- | --- | | | |
| Secretaries, Stenographers, and Typists | --- | --- | | | |
| Financial Records Processing | --- | --- | | | |
| Mail and Message Distribution | --- | --- | | | |
| Other Admin. Support, Including Clerical | --- | --- | | | |

*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.