

State of Kentucky

Traumatic Occupational Fatalities (1980-1995):

Number: 2,037

Rate: 8.0 per 100,000 workers

Leading Causes of Death (1980-1995):

Motor Vehicle - 472

Machine - 401

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

Number: Mining - 247

Rate: Mining - 56.0 per 100,000 workers

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

Number: Precision Production/Craft/Repair - 415

Rate: Farming/Forestry/Fishing - 30.2 per 100,000 workers

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

| YEAR OF DEATH | NUMBER OF DEATHS | RATE PER 100,000 |
|---------------|------------------|------------------|
| 1980 | 170 | 11.2 |
| 1981 | 189 | 12.4 |
| 1982 | 165 | 11.0 |
| 1983 | 124 | 8.3 |
| 1984 | 159 | 10.2 |
| 1985 | 131 | 8.5 |
| 1986 | 100 | 6.5 |
| 1987 | 113 | 7.4 |
| 1988 | 106 | 6.7 |
| 1989 | 132 | 8.1 |
| 1990 | 108 | 6.5 |
| 1991 | 112 | 6.9 |
| 1992 | 94 | 5.7 |
| 1993 | 117 | 6.9 |
| 1994 | 106 | 6.2 |
| 1995 | 111 | 6.3 |
| Total | 2,037 | 8.0 |

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

| DEMOGRAPHICS | Total | | YEAR OF DEATH | | | | | |
|--------------|-------|------|---------------|------|---------|------|---------|------|
| | | | 1980-85 | | 1986-90 | | 1991-95 | |
| | No. | Rate | No. | Rate | No. | Rate | No. | Rate |
| Sex | | | | | | | | |
| Male | 1,936 | 13.6 | 897 | 17.0 | 531 | 12.0 | 508 | 11.1 |
| Female | 101 | 0.9 | 41 | 1.1 | 28 | 0.8 | 32 | 0.8 |
| Race | | | | | | | | |
| White | 1,958 | 8.2 | 901 | 10.5 | 536 | 7.2 | 521 | 6.6 |
| Black | 75 | 5.1 | 36 | 6.5 | 20 | 4.6 | 19 | 3.8 |
| Other | --- | --- | --- | --- | --- | --- | --- | --- |
| Age Group | | | | | | | | |
| 16-17 | 10 | 1.8 | 6 | 2.6 | --- | --- | --- | --- |
| 18-19 | 65 | 7.1 | 40 | 11.1 | 14 | 4.9 | 11 | 4.0 |
| 20-24 | 220 | 7.4 | 138 | 11.8 | 46 | 4.9 | 36 | 4.2 |
| 25-34 | 526 | 7.3 | 246 | 9.4 | 156 | 6.7 | 124 | 5.5 |
| 35-44 | 410 | 6.3 | 182 | 8.6 | 100 | 4.8 | 128 | 5.4 |
| 45-54 | 350 | 8.5 | 135 | 9.8 | 112 | 9.0 | 103 | 6.8 |
| 55-64 | 263 | 10.7 | 119 | 12.1 | 71 | 10.3 | 73 | 9.4 |
| 65+ | 193 | 25.3 | 72 | 26.6 | 58 | 25.9 | 63 | 23.4 |

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

†Numbers not reported for “unknown” categories.

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

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

| CAUSE OF DEATH | NUMBER OF DEATHS | RATE PER 100,000 |
|--------------------------|------------------|------------------|
| Motor Vehicle | 472 | 1.8 |
| Machine | 401 | 1.6 |
| Struck by Falling Object | 255 | 1.0 |
| Homicide | 160 | 0.6 |
| Electrocution | 149 | 0.6 |
| Fall | 139 | 0.5 |
| Explosion | 69 | 0.3 |
| Nature/Environment | 65 | 0.3 |
| Flying Object/Caught In | 46 | 0.2 |
| Poisoning | 43 | 0.2 |
| Suffocation | 41 | 0.2 |
| Suicide | 41 | 0.2 |
| Fire | 22 | 0.1 |
| Water Transport | 22 | 0.1 |
| Air Transport | 19 | 0.1 |
| Drowning | 19 | 0.1 |
| Rail Transport | 12 | < 0.1 |
| Other | 42 | 0.2 |
| Unknown\Undetermined | 20 | --- |

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



Table KY-4. *Number and Rate* (per 100,000 workers) of Traumatic Occupational Fatalities by Year for Industry and Occupation Division, Kentucky, 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 | 237 | 24.7 | 58 | 18.7 | 94 | 26.9 | 85 | 28.4 |
| Mining | 247 | 56.0 | 67 | 67.5 | 107 | 54.9 | 73 | 49.8 |
| Construction | 217 | 16.3 | 66 | 23.9 | 74 | 14.6 | 77 | 14.0 |
| Manufacturing | 193 | 5.0 | 34 | 3.8 | 75 | 5.1 | 84 | 5.7 |
| Trans/Comm/PU | 213 | 13.8 | 77 | 22.6 | 58 | 10.0 | 78 | 12.5 |
| Wholesale Trade | 41 | 5.2 | 10 | 6.2 | 17 | 5.6 | 14 | 4.4 |
| Retail Trade | 116 | 3.2 | 35 | 4.6 | 45 | 3.1 | 36 | 2.5 |
| Finance/Insur/RE | 10 | 1.0 | 3 | 1.4 | 3 | 0.8 | 4 | 0.9 |
| Services | 124 | 1.9 | 28 | 2.2 | 49 | 2.0 | 47 | 1.7 |
| Public Admin | 52 | 6.0 | 13 | 5.5 | 18 | 6.0 | 21 | 6.5 |
| Not Classified | 63 | --- | 23 | --- | 19 | --- | 21 | --- |
| Occupation Division | | | | | | | | |
| Exec/Adm/Mgr | 54 | 2.6 | 13 | 3.2 | 20 | 2.7 | 21 | 2.3 |
| Prof/Spec | 40 | 1.6 | 6 | 1.2 | 15 | 1.6 | 19 | 1.8 |
| Tech/Support | 18 | 3.1 | 6 | 5.4 | 3 | 1.5 | 9 | 3.3 |
| Sales | 90 | 3.8 | 27 | 5.4 | 32 | 3.4 | 31 | 3.3 |
| Clerical | 21 | 0.7 | 4 | 0.6 | 11 | 1.1 | 6 | 0.5 |
| Service | 81 | 2.8 | 23 | 3.5 | 31 | 2.8 | 27 | 2.3 |
| Farm/For/Fish | 302 | 30.2 | 68 | 21.5 | 123 | 32.7 | 111 | 36.2 |
| Crafts | 415 | 15.2 | 123 | 21.2 | 155 | 14.7 | 137 | 12.5 |
| Mach Operators | 67 | 3.9 | 15 | 3.6 | 21 | 3.2 | 31 | 4.9 |
| Transport | 232 | 19.2 | 76 | 31.9 | 76 | 31.9 | 90 | 19.1 |
| Laborers | 136 | 13.6 | 36 | 18.5 | 60 | 15.5 | 40 | 9.5 |
| Not Classified | 57 | --- | 17 | --- | 22 | --- | 18 | --- |

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

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

| DETAILED INDUSTRY | NO. OF DEATHS | RATE | DETAILED INDUSTRY | NO. OF DEATHS | RATE |
|--------------------------------|---------------|------|--------------------------------|---------------|------|
| Ag/For/Fish | | | Retail Trade | | |
| Ag Production | 222 | 27.4 | Food Stores | 30 | 4.8 |
| Ag Services | 11 | 7.9 | Motor Veh/Auto Supply Dealer | 22 | 4.3 |
| Forestry & Fisheries | 4 | --- | Apparel & Accessory Stores | --- | --- |
| Mining | | | Eating & Drinking Places | 17 | 1.6 |
| Metal/Coal/Nonmetal Mining | 236 | 57.7 | Other Retail Trade | 45 | 3.4 |
| Oil and Gas Extraction | 11 | 34.7 | Finance/Insur/RE | | |
| Construction | 217 | 16.3 | Banking and Other Finance | --- | --- |
| Manufacturing | | | Insurance and Real Estate | 8 | 1.4 |
| Food & Kindred Prod | 13 | 4.3 | Services | | |
| Textile Mill Prod | --- | --- | Business Services | 14 | 2.4 |
| Apparel & Other Textile Pr | --- | --- | Automobile and Repair Services | 41 | 9.9 |
| Paper & Allied Products | --- | --- | Private Household Services | 3 | 1.1 |
| Printing/Publishing/Allied | 11 | 3.5 | Pers Serv Exc Priv Household | 18 | 3.1 |
| Chemical/Petroleum/Rubber | 20 | 4.1 | Entertainment & Rec Services | 7 | 2.8 |
| Lumber & Wood | 76 | 46.2 | Hospitals | 3 | 0.3 |
| Furniture | 3 | 3.0 | Health Services, Exc Hosp | 11 | 1.3 |
| Stone/Clay/Concrete | 8 | 8.5 | Educational Services | 16 | 0.9 |
| Primary Metals | 12 | 6.5 | Other Professional Services | 11 | 1.1 |
| Fabricated Metals | 5 | 1.9 | Public Admin | | |
| Mach, Ex Elect | 3 | 0.7 | Justice, Pub Order, & Safety | 32 | 10.5 |
| Elect Mach, Equip Supplies | 6 | 1.2 | Admin of Hum Res Programs | --- | --- |
| Motor Vehicles Equip | 9 | 2.9 | National Sec/Internal Affairs | 4 | 3.1 |
| Aircraft & Parts | --- | --- | Other Pub Admin | 15 | 5.0 |
| Other Transport Equip | --- | --- | Not Classified | 63 | --- |
| Prof & Photo Equip/Watches | --- | --- | | | |
| Toys/Amusement/Sporting Goods | --- | --- | | | |
| Misc & NEC Industries | 20 | 15.3 | | | |
| Trans/Comm/PU | | | | | |
| Trucking/Warehousing/Storage | 109 | 21.9 | | | |
| Other Transportation | 43 | 8.6 | | | |
| Telephone Communications | --- | --- | | | |
| Other Communications | --- | --- | | | |
| Electric Light and Power | 26 | 20.6 | | | |
| Other Utility/Sanitary Service | 31 | 15.1 | | | |
| Wholesale Trade | 41 | 5.2 | | | |

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

| DETAILED OCCUPATION | NO. OF DEATHS | RATE | DETAILED OCCUPATION | NO. OF DEATHS | RATE |
|--|---------------|------|---|---------------|-------|
| Exec/Adm/Mgr | | | Service | | |
| Officials & Administrators, Public Admin | 5 | 5.8 | Private Household Service Occupations | --- | --- |
| Other Executive, Admin & Managerial | 44 | 2.9 | Protective Service | 42 | 13.9 |
| Management Related Occupations | 5 | 1.0 | Food Service | 9 | 0.9 |
| Prof/Spec | | | Health Service | --- | --- |
| Engineers | 8 | 3.2 | Cleaning and Building Service | 26 | 4.6 |
| Mathematical and Computer Scientists | --- | --- | Personal Service | --- | --- |
| Natural Scientists | --- | --- | Farm/For/Fish | | |
| Health Diagnosing Occupations | --- | --- | Farm Operators and Managers | 201 | 43.2 |
| Health Assessment and Treatment Occupations | 7 | 1.5 | Farm Workers and Related Occupations | 40 | 7.9 |
| Teachers, College and University | --- | --- | Forestry and Fishing Occupations | 61 | 210.9 |
| Teachers, Except College and University | 8 | 1.1 | Crafts | | |
| Lawyers and Judges | --- | --- | Mechanics and Repairers | 67 | 6.8 |
| Other Professional Specialty Occupations | 13 | 2.3 | Construction Trades | 121 | 13.6 |
| Tech/Support | | | Other Precision Production, Craft, and Repair | 227 | 26.3 |
| Health Technologists and Technicians | 5 | 1.7 | Mach Operators | | |
| Engineering and Science Technicians | 4 | 2.5 | Machine Operators/Tenders, Except Precision | 42 | 4.0 |
| Technicians, Exc Health/Engineering/Science | 9 | 6.5 | Fabricators, Assemblers, Inspectors, Samplers | 25 | 3.8 |
| Sales | | | Transport | | |
| Supervisors and Proprietors, Sales Occupations | 49 | 6.8 | Motor Vehicle Operators | 174 | 21.5 |
| Sales Reps, Finance and Business Services | 5 | 1.7 | Other Transport and Material Moving Occ | 58 | 14.5 |
| Sales Reps, Commodities, Except Retail | 8 | 3.5 | Laborers | | |
| Sales Workers, Retail & Personal Services | 28 | 2.5 | Construction Laborers | 69 | 46.2 |
| Sales Related Occupations | --- | --- | Freight, Stock, & Materials Handlers | 11 | 3.2 |
| Clerical | | | Other Handlers, Equip. Cleaner, Helper, Laborer | 56 | 11.1 |
| Supervisors, Administrative Support | --- | --- | Other or Not Classified | 57 | --- |
| Computer Equipment Operators | --- | --- | | | |
| Secretaries, Stenographers, and Typists | 3 | 0.4 | | | |
| Financial Records Processing | 3 | 0.7 | | | |
| Mail and Message Distribution | --- | --- | | | |
| Other Admin. Support, Including Clerical | 13 | 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.