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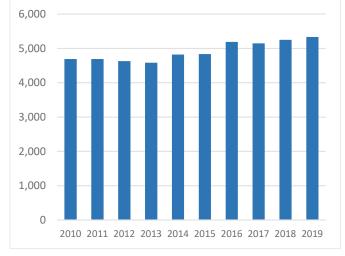
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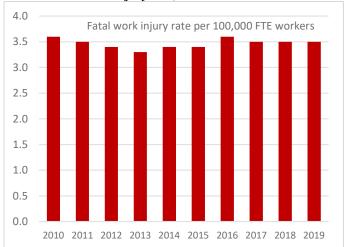
NATIONAL CENSUS OF FATAL OCCUPATIONAL INJURIES IN 2019

There were 5,333 fatal work injuries recorded in the United States in 2019, a 2 percent increase from the 5,250 in 2018, the U.S. Bureau of Labor Statistics reported today. (See chart 1 and table 1.) The fatal work injury rate was 3.5 fatalities per 100,000 full-time equivalent (FTE) workers, which was the rate reported in 2018. (See chart 2.) These data are from the Census of Fatal Occupational Injuries (CFOI).

Chart 1. Number of fatal work injuries, 2010-19







Key findings from the 2019 Census of Fatal Occupational Injuries

- The 5,333 fatal occupational injuries in 2019 represents the largest annual number since 2007.
- A worker died every 99 minutes from a work-related injury in 2019.
- Fatalities among workers age 55 and over increased 8 percent from 1,863 in 2018 to 2,005 in 2019, which is the largest number ever recorded for this age group.
- Hispanic or Latino worker fatalities were up 13 percent to 1,088 in 2019–a series high since 1992.
- Workplace deaths due to suicides (307) and unintentional overdoses (313) increased slightly in 2019.
- Fatalities in the private construction industry increased 5 percent to 1,061–the largest total since 2007.
- Driver/sales workers and truck drivers incurred 1,005 fatal occupational injuries, the highest since this series began in 2003.

Changes in Industry and Occupation Classification Structure

Information in this release incorporates revisions to both the North American Industry Classification System (NAICS) and the Standard Occupational Classification codes (SOC). Comparison of data for 2019 to prior years should be done with caution due to these changes. More information on NAICS can be found at www.bls.gov/bls/naics.htm. More information on SOC can be found at www.bls.gov/soc/2018/home.htm.

Worker demographics

- In 2019, workers age 55 and over accounted for 38 percent of all workplace fatalities. In 1992, workers age 55 and over accounted for 20 percent. (See table 1.)
- Hispanic or Latino workers made up 20 percent of fatal occupational injuries in 2019, and 9 percent in 1992, the first year of this series.
- A total of 28 states had more fatal injuries in 2019 than in 2018, while 21 states had fewer. Alabama and the District of Columbia had the same number as 2018. (See table 6.)

Fatal event or exposure

- Transportation incidents increased 2 percent in 2019 to 2,122 cases, the most cases since this series began in 2011. Events involving transportation incidents continued to account for the largest share of fatalities. (See chart 3 and table 2.)
- Falls, slips, and trips increased 11 percent in 2019 to 880.
- Exposure to harmful substances or environments led to the deaths of 642 workers in 2019, the highest figure since the series began in 2011.
- Unintentional overdoses due to nonmedical use of drugs or alcohol increased for the seventh consecutive year to 313 in 2019.
- Fatalities due to fires and explosions decreased 14 percent to 99 in 2019.

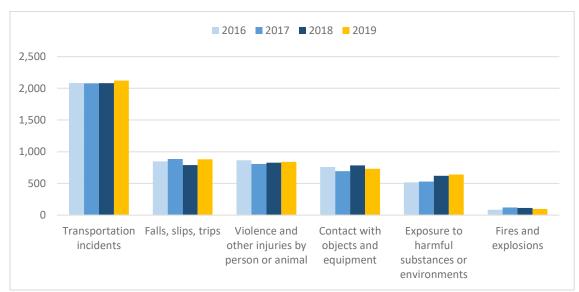


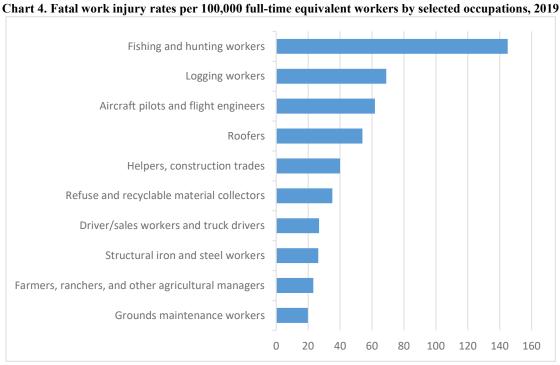
Chart 3. Fatal work injuries by major event or exposure, 2016-19

Occupation

- Nearly 1 out of every 5 fatally injured workers was employed as a driver/sales worker or truck driver.
- Grounds maintenance workers had 229 fatalities in 2019–the largest number since the series began in 2003. (See table 3.)
- Fatal occupational injuries among law enforcement workers fell 24 percent between 2018 and 2019 (from 127 to 97).
- Construction and extraction occupations increased by 6 percent in 2019 to 1,066—the highest figure since 2007.

- Fishing and hunting workers had a fatal injury rate of 145.0 fatal work injuries per 100,000 FTEs in 2019. (See table 5 and chart 4.)
- Resident military fatalities decreased by 21 percent to 65 in 2019. (See table 3.)

Fatal injury counts by occupation will be available shortly at www.bls.gov/iif/oshcfoi1.htm. Fatality rates by occupation, industry, and worker demographics will be available shortly at www.bls.gov/iif/oshwc/cfoi/cfoi rates 2019hb.xlsx.



Coronavirus (COVID-19) Pandemic Impact on the Census of Fatal Occupational Injuries

Data in this news release are for reference year 2019. No changes in collection procedures or outputs were necessary due to COVID-19. Additional information is available at www.bls.gov/covid19/effects-of-covid-19-on-workplace-injuriesand-illnesses-compensation-and-occupational-requirements.htm.

TECHNICAL NOTES

Background

The Census of Fatal Occupational Injuries (CFOI), part of the Bureau of Labor Statistics (BLS) Occupational Safety and Health Statistics (OSHS) program, is a count of all fatal work injuries occurring in the U.S. during the calendar year. The CFOI uses a variety of state, federal, and independent data sources to identify, verify, and describe fatal work injuries. This ensures counts are as complete and accurate as possible. For the 2019 data, over 25,100 unique source documents were reviewed as part of the data collection process. For technical information and definitions for the CFOI, see the BLS Handbook of Methods on the BLS website at www.bls.gov/opub/hom/cfoi/home.htm and the CFOI definitions at www.bls.gov/iif/oshcfdef.htm. Fatal injury rates are subject to sampling error as they are calculated using employment data from the Current Population

Survey, a sample of households, and the BLS Local Area Unemployment Statistics. For more information on sampling error, see www.bls.gov/iif/osh rse.htm.

The Survey of Occupational Injuries and Illnesses (SOII), another component of the OSHS program, presents frequency counts and incidence rates by industry, detailed case circumstances, and worker characteristics for nonfatal workplace injuries and illnesses for cases that result in days away from work. For these data, access the BLS website: www.bls.gov/iif.

Identification and verification of work-related fatalities

In 2019, work relationship could not be independently verified by multiple source documents for 28 fatal work injuries. However, the information on the initiating source document for these cases was sufficient to determine that the incident was likely to be job-related. Data for these fatalities are included.

Federal/State agency coverage

The CFOI includes data for all fatal work injuries, some of which may be outside the scope of other agencies or regulatory coverage. Comparisons between CFOI counts and those released by other agencies should account for the different coverage requirements and definitions used by each agency. For more information on the scope of CFOI, see www.bls.gov/iif/cfoiscope.htm and www.bls.gov/opub/hom/cfoi/concepts.htm.

CFOI Methodology

Starting with the reference year 2019, CFOI modernized its disclosure methodology further strengthening its protection of confidential data. As a result of these necessary protections there are fewer publishable counts in CFOI. Individually identifiable data collected by the CFOI are used exclusively for statistical purposes and are protected under the Confidential Information Protection and Statistical Efficiency Act of 2002 (CIPSEA). These data are collected under a pledge of confidentiality and therefore require BLS to prevent disclosure of identifying information of decedents. For more information see www.bls.gov/iif/oshfaq1.htm.

Acknowledgements

BLS thanks the participating states, New York City, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, and Guam for their efforts in collecting accurate, comprehensive, and useful data on fatal work injuries. Although data for Puerto Rico, the U.S. Virgin Islands, and Guam are not included in the national totals, results for these jurisdictions are available. Participating agencies may be contacted to request more detailed state results. Contact information is available at www.bls.gov/iif/oshstate.htm.

BLS also appreciates the efforts of all federal, state, local, and private sector entities that provided source documents used to identify fatal work injuries. Among these agencies are the Occupational Safety and Health Administration; the National Transportation Safety Board; the U.S. Coast Guard; the Mine Safety and Health Administration; the Office of Workers' Compensation Programs (Federal Employees' Compensation and Longshore and Harbor Workers' Compensation divisions); the Federal Railroad Administration; the National Highway Traffic Safety Administration; state vital statistics registrars, coroners, and medical examiners; state departments of health, labor, and industrial relations and workers' compensation agencies; state and local police departments; and state farm bureaus.

Information in this release is available to sensory-impaired individuals. Voice phone: (202) 691-5200; Federal Relay Service: (800) 877-8339.

Table 1: Fatal occupational injuries by selected demographic characteristics, 2015-19

| Characteristic | 2015 | 2016 | 2017 | 2018 | 2019 |
|--|-------|-------|-------|-------|-------|
| Total ¹ | 4,836 | 5,190 | 5,147 | 5,250 | 5,333 |
| | | | | | |
| Employee status | | | | | |
| Wage and salary workers ² | 3,751 | 4,098 | 4,069 | 4,178 | 4,240 |
| Self-employed ³ | 1,085 | 1,092 | 1,078 | 1,072 | 1,093 |
| Gender | | | | | |
| Women | 344 | 387 | 386 | 413 | 437 |
| Men | 4,492 | 4,803 | 4,761 | 4,837 | 4,896 |
| Age | | | | | |
| Under 16 years | 12 | 13 | 15 | 13 | 17 |
| 16 to 17 years | 12 | 17 | 7 | 9 | 17 |
| 18 to 19 years | 50 | 43 | 62 | 56 | 50 |
| 20 to 24 years | 329 | 310 | 293 | 282 | 325 |
| 25 to 34 years | 758 | 834 | 872 | 946 | 866 |
| 35 to 44 years | 864 | 979 | 907 | 966 | 967 |
| 45 to 54 years | 1,130 | 1,145 | 1,059 | 1,114 | 1,082 |
| 55 to 64 years | 1,031 | 1,160 | 1,155 | 1,104 | 1,212 |
| 65 years and over | 650 | 688 | 775 | 759 | 793 |
| Race or ethnic origin⁴ | | | | | |
| White (non-Hispanic) | 3,241 | 3,481 | 3,449 | 3,405 | 3,297 |
| Black or African-American (non-Hispanic) | 495 | 587 | 530 | 615 | 634 |
| Hispanic or Latino | 903 | 879 | 903 | 961 | 1,088 |
| American Indian or Alaskan Native (non-Hispanic) | 36 | 38 | 38 | 42 | 30 |
| Asian (non-Hispanic) | 114 | 160 | 144 | 153 | 181 |
| Native Hawaiian or Pacific Islander (non-Hispanic) | 9 | 7 | 17 | 10 | 14 |
| Multiple races (non-Hispanic) | 12 | 15 | 9 | 14 | 22 |
| Other races or not reported (non-Hispanic) | 26 | 23 | 57 | 50 | 67 |

¹ The Census of Fatal Occupational Injuries (CFOI) has published data on fatal occupational injuries for the United States since 1992. During this time, the classification systems and definitions of many data elements have changed. See the CFOI Definitions page (www.bls.gov/iif/oshcfdef.htm) for a more detailed description of each data element.

² May include volunteers and workers receiving other types of compensation. Cases where employment status is unknown are included in the counts of wage and salary workers.

³ Includes self-employed workers, owners of unincorporated businesses and farms, paid and unpaid family workers, and may include some owners of incorporated businesses or members of partnerships.

⁴ Persons identified as Hispanic or Latino may be of any race. The race categories shown exclude data for Hispanics and Latinos. Cases where ethnicity is unknown are included in counts of non-Hispanic workers.

Table 2: Fatal occupational injuries for selected events or exposures, 2015-19

| Characteristic | 2015 | 2016 | 2017 | 2018 | 2019 |
|--|-------|-------|-------|-------|-------|
| Total ¹ | 4,836 | 5,190 | 5,147 | 5,250 | 5,333 |
| | | | | | |
| Event or exposure ² | | | | | |
| Violence and other injuries by persons or animals | 703 | 866 | 807 | 828 | 841 |
| Intentional injury by person | 646 | 792 | 733 | 757 | 761 |
| Homicides | 417 | 500 | 458 | 453 | 454 |
| Shooting by other person—intentional | 354 | 394 | 351 | 351 | 363 |
| Stabbing, cutting, slashing, piercing | 28 | 38 | 47 | 44 | 42 |
| Suicides | 229 | 291 | 275 | 304 | 307 |
| Transportation incidents | 2,054 | 2,083 | 2,077 | 2,080 | 2,122 |
| Aircraft incidents | 139 | 130 | 126 | 133 | 152 |
| Rail vehicle incidents | 50 | 50 | 48 | 48 | 47 |
| Pedestrian vehicular incident | 289 | 342 | 313 | 325 | 341 |
| Pedestrian struck by vehicle in work zone | 44 | 58 | 56 | 58 | 56 |
| Water vehicle incident | 44 | 48 | 68 | 58 | 63 |
| Roadway incident involving motorized land vehicle | 1,264 | 1,252 | 1,299 | 1,276 | 1,270 |
| Roadway collision with other vehicle | 660 | 628 | 663 | 677 | 729 |
| Roadway collision moving in same direction | 166 | 168 | 189 | 183 | 194 |
| Roadway collision moving in opposite directions, oncoming | 224 | 199 | 214 | 243 | 258 |
| Roadway collision moving perpendicularly | 154 | 150 | 149 | 141 | 153 |
| Roadway collision with object other than vehicle | 360 | 342 | 377 | 373 | 325 |
| Vehicle struck object or animal on side of roadway | 335 | 321 | 348 | 345 | 301 |
| Roadway noncollision incident | 240 | 278 | 252 | 222 | 212 |
| Jack-knifed or overturned, roadway | 201 | 238 | 197 | 170 | 164 |
| Nonroadway incident involving motorized land vehicle | 253 | 245 | 209 | 225 | 236 |
| Nonroadway noncollision incident | 182 | 182 | 166 | 164 | 193 |
| Jack-knifed or overturned, nonroadway | 131 | 120 | 111 | 105 | 128 |
| Fire or explosion | 121 | 88 | 123 | 115 | 99 |
| Fall, slip, trip | 800 | 849 | 887 | 791 | 880 |
| Fall on same level | 125 | 134 | 151 | 154 | 146 |
| Fall to lower level | 648 | 697 | 713 | 615 | 711 |
| Fall from collapsing structure or equipment | 55 | 65 | 48 | 50 | 37 |
| Fall through surface or existing opening | 87 | 87 | 85 | 83 | 95 |
| Exposure to harmful substances or environments | 424 | 518 | 531 | 621 | 642 |
| Exposure to electricity | 134 | 154 | 136 | 160 | 166 |
| Exposure to temperature extremes | 40 | 48 | 38 | 60 | 53 |
| Exposure to other harmful substances | 215 | 268 | 317 | 355 | 379 |
| Inhalation of harmful substance | 45 | 39 | 43 | 42 | 59 |
| Contact with objects and equipment | 722 | 761 | 695 | 786 | 732 |
| Struck by object or equipment | 519 | 553 | 503 | 566 | 518 |
| Struck by powered vehicle nontransport | 216 | 232 | 197 | 215 | 205 |
| Struck by falling object or equipment | 247 | 255 | 237 | 278 | 241 |
| Struck by discharged or flying object | 22 | 15 | 28 | 32 | 26 |
| Caught in or compressed by equipment or objects | 99 | 117 | 108 | 137 | 120 |
| Caught in running equipment or machinery | 74 | 103 | 76 | 106 | 93 |
| Struck, caught, or crushed in collapsing structure, equipment, or material | 90 | 82 | 70 | 73 | 83 |

¹ The Census of Fatal Occupational Injuries (CFOI) has published data on fatal occupational injuries for the United States since 1992. During this time, the classification systems and definitions of many data elements have changed. See the CFOI Definitions page (www.bls.gov/iif/oshcfdef.htm) for a more detailed description of each data element.

² Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

Table 3: Fatal occupational injuries for selected occupations, 2015-19

| Characteristic | 2015 | 2016 | 2017 | 2018 | 2019 |
|---|-------|-------|-------|-------|-----------|
| Total ¹ | 4,836 | 5,190 | 5,147 | 5,250 | 5,333 |
| Occupation (SOC) ² | | | | | |
| Management occupations | 379 | 377 | 396 | 387 | 380 |
| Business and financial operations occupations | 31 | 27 | 29 | 38 | 29 |
| Computer and mathematical occupations | 8 | 16 | 11 | 12 | 15 |
| Architecture and engineering occupations | 37 | 41 | 23 | 30 | 43 |
| Life, physical, and social science occupations | 11 | 15 | 13 | 18 | 15 |
| Community and social services occupations | 28 | 27 | 37 | 23 | 31 |
| Legal occupations | 12 | 13 | 11 | 15 | 11 |
| Educational instruction and library occupations | 19 | 32 | 30 | 27 | 24 |
| Arts, design, entertainment, sports, and media occupations | 65 | 64 | 47 | 71 | 40 |
| Healthcare practitioners and technical occupations | 74 | 60 | 57 | 65 | 56 |
| Healthcare support occupations | 23 | 30 | 28 | 32 | 38 |
| Protective service occupations | 213 | 281 | 266 | 270 | 231 |
| Fire fighting and prevention workers | 30 | 35 | 35 | 33 | 231 |
| Law enforcement workers | 102 | 127 | 117 | 127 | 97 |
| Food preparation and serving related occupations | 56 | 92 | 89 | 100 | 99 |
| Building and grounds cleaning and maintenance occupations | 289 | 329 | 326 | 350 | 333 |
| | 59 | 74 | 68 | 66 | 63 |
| Building cleaning and pest control workers Grounds maintenance workers | 183 | 217 | 191 | 225 | |
| | 51 | 55 | 69 | 63 | 229 61 |
| Personal care and service occupations | 228 | 254 | 232 | 241 | 240 |
| Sales and related occupations | | | | | |
| Supervisors, sales workers | 101 | 104 | 98 | 102 | 99 |
| Retail sales workers | 82 | 102 | 89 | 99 | 96 |
| Office and administrative support occupations | 86 | 78 | 101 | 69 | 92 |
| Farming, fishing, and forestry occupations | 284 | 290 | 264 | 262 | 291 |
| Agricultural workers | 180 | 157 | 155 | 158 | 183 |
| Fishing and hunting workers | 25 | 26 | 41 | 31 | 44 |
| Forest, conservation, and logging workers | 69 | 95 | 57 | 57 | 49 |
| Construction and extraction occupations | 924 | 970 | 965 | 1,003 | 1,066 |
| Supervisors of construction and extraction workers | 123 | 134 | 121 | 144 | 136 |
| Construction trades workers | 694 | 736 | 747 | 731 | 809 |
| Extraction workers | 45 | 41 | 41 | 64 | 50 |
| Installation, maintenance, and repair occupations | 392 | 470 | 414 | 420 | 438 |
| Vehicle and mobile equipment mechanics, installers, and repairers | 129 | 154 | 143 | 152 | 155 |
| Production occupations | 250 | 216 | 221 | 225 | 245 |
| Transportation and material moving occupations | 1,301 | 1,388 | 1,443 | 1,443 | 1,481 |
| Air transportation workers | 57 | 75 | 59 | 71 | 85 |
| Motor vehicle operators | 978 | 1,012 | 1,084 | 1,044 | 1,091 |
| Material moving workers | 206 | 228 | 235 | 255 | 238 |
| Military occupations ³ | 73 | 62 | 72 | 82 | 65 |

¹ The Census of Fatal Occupational Injuries (CFOI) has published data on fatal occupational injuries for the United States since 1992. During this time, the classification systems and definitions of many data elements have changed. See the CFOI Definitions page (www.bls.gov/iif/oshcfdef.htm) for a more detailed description of each data element.

² CFOI has used several versions of the Standard Occupation Classification (SOC) system since 2003 to define occupation. For complete information on the version of SOC used in these years, see our definitions page at https://www.bls.gov/iif/oshcfdef.htm. Cases where occupation is unknown are included in the total.

³ Includes fatal injuries to persons identified as resident armed forces regardless of individual occupation listed.

Table 4: Fatal occupational injuries for selected industries, 2015-19

| Characteristic | 2015 | 2016 | 2017 | 2018 | 2019 |
|--|-------|-------|-------|-------|-------|
| Total ¹ | 4,836 | 5,190 | 5,147 | 5,250 | 5,333 |
| Industry (NAICS) ² | | | | | |
| | | | | | |
| Private industry ³ | 4,379 | 4,693 | 4,674 | 4,779 | 4,907 |
| Goods producing | 1,980 | 1,991 | 1,967 | 2,055 | - |
| Agriculture, forestry, fishing and hunting | 570 | 593 | 581 | 574 | 573 |
| Crop production | 230 | 261 | 263 | 250 | 221 |
| Animal production and aquaculture | 171 | 151 | 152 | 161 | 189 |
| Forestry and logging | 81 | 106 | 76 | 84 | 59 |
| Mining, quarrying, and oil and gas extraction ⁴ | 120 | 89 | 112 | 130 | 127 |
| Mining (except oil and gas) | 28 | 22 | 31 | 34 | 23 |
| Support activities for mining | 86 | 56 | 73 | 83 | 82 |
| Construction | 937 | 991 | 971 | 1,008 | 1,061 |
| Construction of buildings | 175 | 182 | 196 | 200 | - |
| Heavy and civil engineering construction | 148 | 159 | 152 | 180 | 156 |
| Specialty trade contractors | 595 | 631 | 610 | 609 | - |
| Manufacturing | 353 | 318 | 303 | 343 | - |
| Food manufacturing | 44 | 40 | 51 | 41 | - |
| Fabricated metal product manufacturing | 66 | 41 | 50 | 56 | - |
| Service providing | 2,399 | 2,702 | 2,707 | 2,724 | - |
| Wholesale trade | 175 | 179 | 174 | 202 | 178 |
| Retail trade | 269 | 282 | 287 | 274 | 291 |
| Motor vehicle and parts dealers | 62 | 42 | 54 | 68 | 58 |
| Food and beverage stores | 58 | 71 | 60 | 42 | 54 |
| Transportation and warehousing | 765 | 825 | 882 | 874 | 913 |
| Truck transportation | 546 | 570 | 599 | 607 | 617 |
| Utilities | 22 | 30 | 28 | 29 | 22 |
| Information | 42 | 46 | 43 | 31 | - |
| Finance and insurance | 19 | 26 | 32 | 30 | 21 |
| Real estate and rental and leasing | 64 | 91 | 69 | 78 | 87 |
| Professional, scientific, and technical services | 76 | 100 | 69 | 87 | 86 |
| Administrative and support and waste management and remediation services | 401 | 439 | 460 | 497 | 498 |
| Educational services | 30 | 42 | 43 | 30 | 45 |
| Health care and social assistance | 109 | 117 | 146 | 138 | 152 |
| Arts, entertainment, and recreation | 82 | 96 | 91 | 78 | 83 |
| Accommodation and food services | 143 | 202 | 171 | 175 | 188 |
| Other services, except public administration | 202 | 223 | 205 | 195 | 210 |
| Government ⁵ | 457 | 497 | 473 | 471 | 426 |
| Federal government ³ | 118 | 107 | 116 | 124 | 111 |
| State government ³ | 81 | 97 | 91 | 69 | 75 |
| Local government ³ | 257 | 291 | 265 | 276 | 240 |

¹ The Census of Fatal Occupational Injuries (CFOI) has published data on fatal occupational injuries for the United States since 1992. During this time, the classification systems and definitions of many data elements have changed. See the CFOI Definitions page (www.bls.gov/iif/oshcfdef.htm) for a more detailed description of each data element.

² CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For complete information on the version of NAICS used in these years, see our definitions page at https://www.bls.gov/iif/oshcfdef.htm.

³ Includes all fatal occupational injuries meeting this ownership criterion across all specified years, regardless of industry classification system. Cases where ownership is unknown are included in private industry counts.

⁴ Includes fatal injuries at all establishments categorized as Mining, quarrying, and oil and gas extraction (Sector 21) in the North American Industry Classification System, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

⁵ Includes fatal injuries to workers employed by governmental organizations regardless of industry. Cases classified as foreign government and other government are included in all government counts, but not displayed separately.

Table 5: Fatal work injury rates¹ per 100,000 full-time equivalent workers by selected occupations, 2019

| Characteristic | Fatal injury rate |
|--|-------------------|
| All workers ² | 3.5 |
| Occupation (SOC) ³ | |
| Fishing and hunting workers | 145.0 |
| Logging workers | 68.9 |
| Aircraft pilots and flight engineers | 61.8 |
| Roofers | 54.0 |
| Helpers, construction trades | 40.0 |
| Refuse and recyclable material collectors | 35.2 |
| Driver/sales workers and truck drivers | 26.8 |
| Structural iron and steel workers | 26.3 |
| Farmers, ranchers, and other agricultural managers | 23.2 |
| Grounds maintenance workers | 19.8 |

¹ Fatal injury rates are per 100,000 full-time equivalent (FTE) workers. Fatal injury rates exclude workers under the age of 16 years, volunteers, and resident military. Complete national rates can be found at www.bls.gov/iif/oshcfoi1.htm#rates. Complete state rates can be found at www.bls.gov/iif/oshcfoi2.htm#rates. Complete state rates can be found at www.bls.gov/opub/hom/cfoi/calculation.htm#comparisons-of-national-and-state-rates for more information on how rates are calculated and caveats for comparison. N/A means a rate was not published for this group.

² The Census of Fatal Occupational Injuries (CFOI) has published data on fatal occupational injuries for the United States since 1992. During this time, the classification systems and definitions of many data elements have changed. See the CFOI Definitions page (www.bls.gov/iif/oshcfdef.htm) for a more detailed description of each data element.

³ CFOI has used several versions of the Standard Occupation Classification (SOC) system since 2003 to define occupation. For complete information on the version of SOC used in these years, see our definitions page at https://www.bls.gov/iif/oshcfdef.htm. Cases where occupation is unknown are included in the total.

Table 6: Fatal occupational injuries by state of incident, 2015-19

| Characteristic | 2015 | 2016 | 2017 | 2018 | 2019 |
|-------------------------------|---|-----------|-----------|----------|-------|
| Total ¹ | 4,836 | 5,190 | 5,147 | 5,250 | 5,333 |
| State of incident | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | , | -, | , | |
| Alabama | 70 | 100 | 02 | 90 | 90 |
| Alaska | 70 | 35 | 83 33 | 89 32 | 89 |
| | 14 | | | | 51 |
| Arizona | 69 74 | 77 | 90 76 | 82 76 | 94 |
| Arkansas California | | 68 | | | 62 |
| Colorado | 388 75 | 376 81 | 376 77 | 422 | 451 |
| | | 28 | | 72 48 | 84 |
| Connecticut | 44 | | 35 | | 26 |
| Delaware District of Columbia | 8 | 12 | 10 | 7 | 18 |
| | 8 | 5 | 13 | 10 | 10 |
| Florida | 272 | 309 | 299 | 332 | 306 |
| Georgia | 180 | 171 | 194 | 186 | 207 |
| Hawaii | 18 | 29 | 20 | 22 | 26 |
| Idaho | 36 | 30 | 37 | 45 | 36 |
| Illinois | 172 | 171 | 163 | 184 | 158 |
| Indiana | 115 | 137 | 138 | 173 | 146 |
| lowa | 60 | 76 | 72 | 77 | 76 |
| Kansas | 60 | 74 | 72 | 61 | 83 |
| Kentucky | 99 | 92 | 70 | 83 | 78 |
| Louisiana | 112 | 95 | 117 | 98 | 119 |
| Maine | 15 | 18 | 18 | 17 | 20 |
| Maryland | 69 | 92 | 87 | 97 | 78 |
| Massachusetts | 69 | 109 | 108 | 97 | 86 |
| Michigan | 134 | 162 | 153 | 155 | 164 |
| Minnesota | 74 | 92 | 101 | 75 | 80 |
| Mississippi | 77 | 71 | 90 | 78 | 59 |
| Missouri | 117 | 124 | 125 | 145 | 106 |
| Montana | 36 | 38 | 32 | 28 | 38 |
| Nebraska | 50 | 60 | 35 | 44 | 53 |
| Nevada | 44 | 54 | 32 | 39 | 40 |
| New Hampshire | 18 | 22 | 11 | 20 | 11 |
| New Jersey | 97 | 101 | 69 | 83 | 74 |
| New Mexico | 35 | 41 | 44 | 43 | 55 |
| New York (including N.Y.C.) | 236 | 272 | 313 | 271 | 273 |
| New York City | 74 | 56 | 87 | 73 | 91 |
| North Carolina | 150 | 174 | 183 | 178 | 186 |
| North Dakota | 47 | 28 | 38 | 35 | 37 |
| Ohio | 202 | 164 | 174 | 158 | 166 |
| Oklahoma | 91 | 92 | 91 | 91 | 73 |
| Oregon | 44 | 72 | 60 | 62 | 69 |
| Pennsylvania | 173 | 163 | 172 | 177 | 154 |
| Rhode Island | 6 | 9 | 8 | 9 | 10 |
| South Carolina | 117 | 96 | 88 | 98 | 108 |
| South Dakota | 21 | 31 | 30 | 32 | 20 |
| Tennessee | 112 | 122 | 128 | 122 | 124 |
| Texas | 527 | 545 | 534 | 488 | 608 |
| Utah | 42 | 44 | 43 | 49 | 51 |
| Vermont | 9 | 10 | 22 | 11 | 10 |
| Virginia | 106 | 153 | 118 | 157 | 180 |
| Washington | 70 | 78 | 84 | 86 | 84 |
| West Virginia | 35 | 47 | 51 | 57 | 46 |
| Wisconsin | 104 | 105 | 106 | 114 | 113 |
| Wyoming | 34 | 34 | 20 | 31 | 32 |

¹ The Census of Fatal Occupational Injuries (CFOI) has published data on fatal occupational injuries for the United States since 1992. During this time, the classification systems and definitions of many data elements have changed. See the CFOI Definitions page (www.bls.gov/iif/oshcfdef.htm) for a more detailed description of each data element.

Note: Data for all years are revised and final. Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. N.e.c. means "not elsewhere classified." CFOI fatal injury counts exclude illness-related deaths unless precipitated by an injury event.

Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with state, New York City, District of Columbia, and federal agencies, Census of Fatal Occupational Injuries