NEWS RELEASE
BUREAU OF LABOR STATISTICS
U. S. DEPARTMENT OF LABOR

For Release: Tuesday, July 09, 2019 **19-1276-PHI**

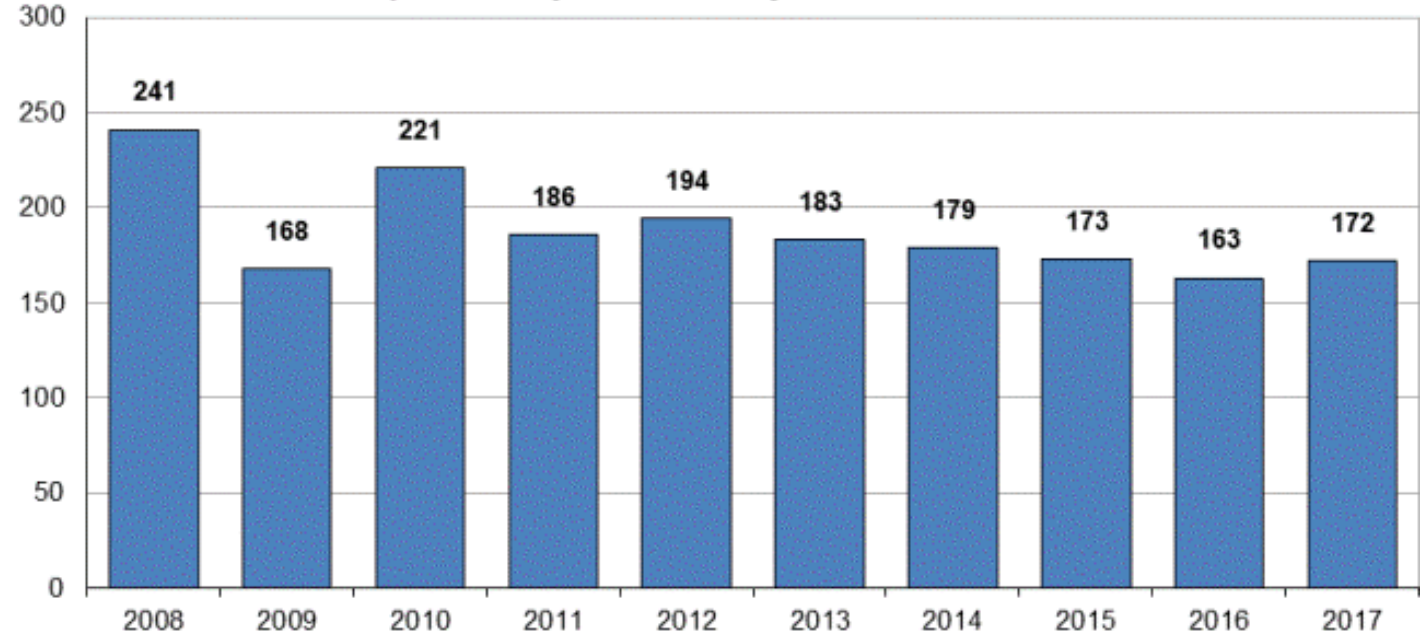
MID-ATLANTIC INFORMATION OFFICE: Philadelphia, Pa.
Technical information: (215) 597-3282 BLSInfoPhiladelphia@bls.gov www.bls.gov/regions/mid-atlantic
Media contact: (215) 861-5600 BLSMediaPhiladelphia@bls.gov

Fatal Work Injuries in Pennsylvania — 2017

Fatal work injuries totaled 172 in 2017 for Pennsylvania, the U.S. Bureau of Labor Statistics reported today. Sheila Watkins, the Bureau's regional commissioner, noted that the number of work-related fatalities in Pennsylvania increased from 163 in the previous year. Fatal occupational injuries in the state have ranged from a high of 354 in 1994 to a low of 163 in 2016. (See chart 1.)

Nationwide, a total of 5,147 fatal work injuries were recorded in 2017, down slightly from the 5,190 fatal injuries reported in 2016, according to the results from the Census of Fatal Occupational Injuries (CFOI) program.

Chart 1. Total fatal occupational injuries, Pennsylvania, 2008–2017



SOURCE: U.S. Bureau of Labor Statistics.

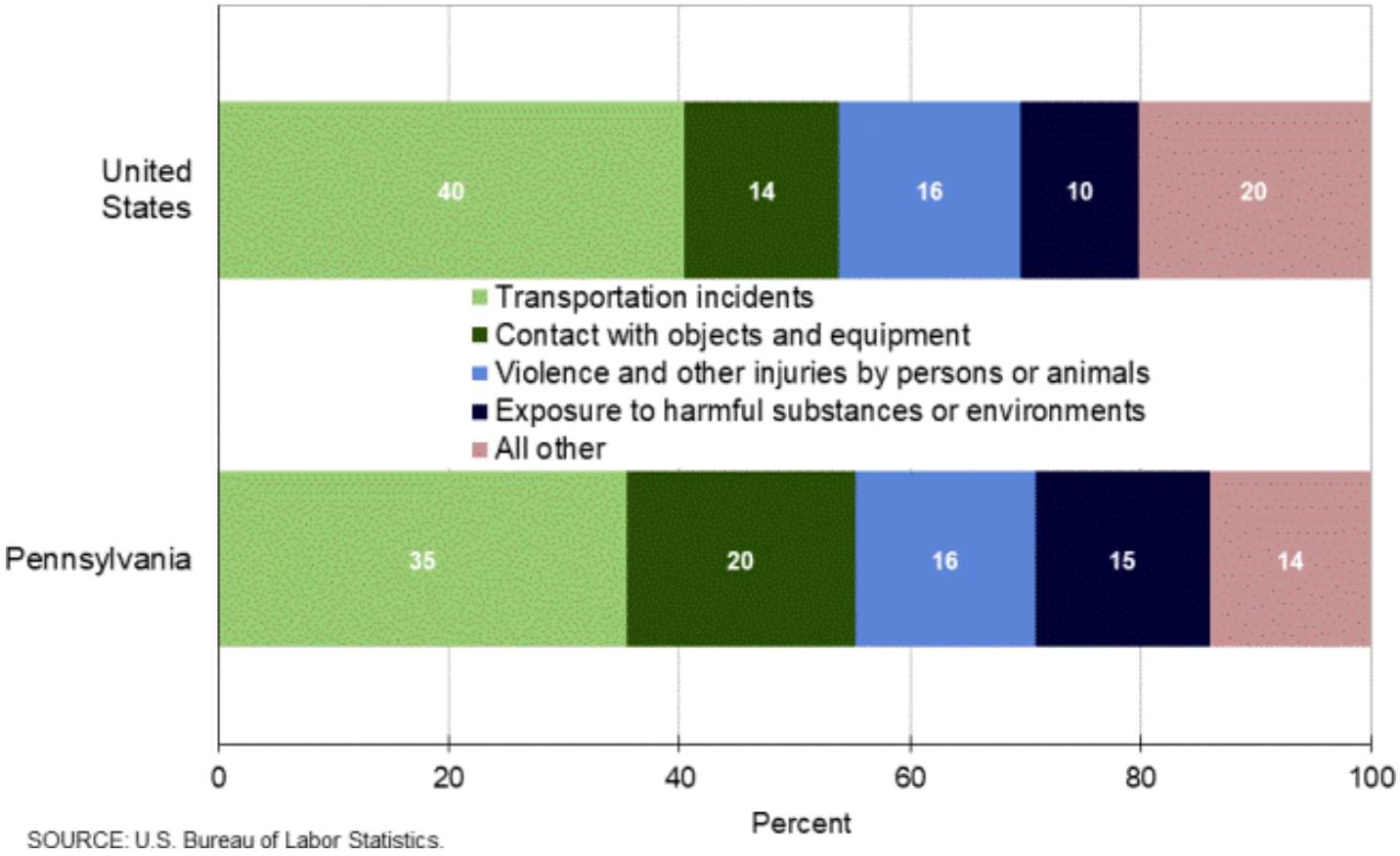
Type of incident

In Pennsylvania, transportation incidents resulted in 61 fatal work injuries and contact with objects and equipment accounted for 34 fatalities. These two major categories accounted for 55 percent of all workplace fatalities in the commonwealth. (See table 1.) The number of worker deaths from transportation incidents increased from 55 in the previous year, while worker fatalities due to contact with objects and equipment decreased by 1 from 2016.

Violence and other injuries by persons or animals was the third-most frequent fatal work event with 27 fatalities, up from 17 in the prior year. Exposure to harmful substances or environments resulted in 26 work-related deaths, an increase from 20 in 2016.

Nationally, transportation incidents remained the most frequent fatal workplace event in 2017, accounting for 40 percent of fatal work injuries. (See chart 2.) Falls, slips, or trips was the second-most common fatal event (17 percent), followed by violence and other injuries by persons or animals (16 percent).

Chart 2. Fatal occupational injuries by selected event, United States and Pennsylvania, 2017



SOURCE: U.S. Bureau of Labor Statistics.

Industry

The private transportation and warehousing sector had the largest number of fatalities in Pennsylvania with 44, up from 28 in the previous year. (See table 2.) Long-distance general freight trucking accounted for 16, or 36 percent, of the fatal injuries in this industry. Transportation incidents was the most frequent fatal event in the private transportation and warehousing sector, accounting for 73 percent of all worker deaths in this sector.

The private construction industry sector had 31 workplace fatalities, down from 39 in 2016. Seventy-one percent of those fatally injured in this sector worked in specialty trade contracting. Falls, slips, or trips was the most frequent fatal event in the construction sector with 12 worker deaths, followed by transportation incidents with 7 fatalities.

Occupation

Transportation and material moving occupations and construction and extraction occupations had the highest number of workplace fatalities with 52 and 34, respectively. (See table 3.) The majority of the fatalities within the transportation and material moving group were heavy and tractor-trailer truck drivers (35). Construction trades workers accounted for 23 of the 34 fatalities among construction and extraction workers.

Contracted Workers

A contractor is defined as a worker employed by one firm but working at the behest of another firm that exercises overall responsibility for the operations at the site of the fatal injury. In 2017, Pennsylvania had 17 fatally-injured workers identified as fitting the contractor criteria, a decrease from 2016 when there were 24.

Additional highlights:

- Men accounted for 94 percent of the work-related fatalities in Pennsylvania, similar to the 93-percent national share. (See table 4.) Transportation incidents made up 36 percent of the fatalities for men in Pennsylvania.
- White, non-Hispanic workers accounted for 87 percent of those who died from a workplace injury in the state. Nationwide, this group accounted for 67 percent of work-related deaths.
- Workers 25-54 years old accounted for 57 percent of the state's work-related fatalities in 2017, similar to the 55 percent of on-the-job fatalities nationally.
- Of the 172 fatally-injured workers in Pennsylvania, 77 percent worked for wages and salaries; the remainder were self-employed. The most frequent fatal event for wage and salary workers was transportation incidents; for self-employed workers, contact with objects and equipment was the most frequent fatal event.

Technical Note

Background of the program. The Census of Fatal Occupational Injuries (CFOI), part of the Bureau of Labor Statistics (BLS) Occupational Safety and Health Statistics (OSHS) program, compiles a count of all fatal work injuries occurring in the U.S. during the calendar year. The CFOI program uses diverse 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 2017 national data, over 23,400 unique source documents were reviewed as part of the data collection process. For technical information and definitions for CFOI, please go to the BLS Handbook of Methods on the BLS website at www.bls.gov/opub/hom/cfoi/home.htm.

Federal/State agency coverage. The CFOI includes data for all fatal work injuries, even those that may be outside the scope of other agencies or regulatory coverage. Thus, any comparison between the BLS fatality census counts and those released by other agencies should take into account the different coverage requirements and definitions being used by each agency. More on the scope of CFOI can be found at www.bls.gov/iif/cfoiscope.htm and www.bls.gov/opub/hom/cfoi/concepts.htm.

Acknowledgments. BLS thanks the Pennsylvania Department of Health for their efforts in collecting accurate, comprehensive, and useful data on fatal work injuries. 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 event or exposure, Pennsylvania, 2016–17

Event or exposure [1]	2016	2017	
	Number	Number	Percent
Total	163	172	100
Violence and other injuries by persons or animals	17	27	16
Intentional injury by person	15	23	13
Homicides	9	14	8
Shooting by other person--intentional	7	12	7
Stabbing, cutting, slashing, piercing	1	1	1
Hitting, kicking, beating, shoving	1	1	1
Suicides	6	9	5
Shooting--intentional self-harm	4	5	3
Hanging, strangulation, asphyxiation--intentional self-harm	--	4	2
Animal and insect related incidents	--	4	2
Struck by animal	--	4	2
Transportation incidents	55	61	35
Rail vehicle incidents	2	1	1
Rail vehicle collision	1	1	1
Collision between rail and roadway vehicles	1	1	1
Pedestrian vehicular incident	7	12	7
Pedestrian struck by vehicle in work zone	--	4	2
Pedestrian struck by forward-moving vehicle in work zone	--	2	1
Pedestrian struck by vehicle backing up in work zone	--	2	1
Pedestrian struck by vehicle on side of road	1	2	1
Pedestrian struck by forward-moving vehicle on side of road	--	2	1
Pedestrian struck by vehicle in nonroadway area	3	4	2
Pedestrian struck by vehicle backing up in nonroadway area	2	1	1
Roadway incidents involving motorized land vehicle	34	41	24
Roadway collision with other vehicle	16	17	10
Roadway collision moving in same direction	7	7	4
Roadway collision moving in opposite directions, oncoming	--	3	2
Roadway collision moving perpendicularly	--	1	1
Roadway collision moving and standing vehicle on side of roadway	--	1	1
Roadway collision with object other than vehicle	17	17	10
Vehicle struck object or animal on side of roadway	15	13	8
Roadway noncollision incident	1	7	4
Jack-knifed or overturned, roadway	--	6	3
Fall or jump from and struck by same vehicle in normal operation, roadway	1	1	1
Nonroadway incident involving motorized land vehicles	9	7	4
Nonroadway collision with object other than vehicle	1	3	2
Nonroadway noncollision incident	8	4	2
Ran off driving surface, nonroadway	--	1	1
Fire or explosion	1	5	3
Fire	--	1	1
Other structural fire without collapse	--	1	1
Explosion	1	4	2
Explosion of nonpressurized vapors, gases, or liquids	--	1	1
Fall, slip, trip	35	19	11
Fall to lower level	29	17	10
Fall from collapsing structure or equipment	1	4	2
Fall from collapsing structure or equipment 6 to 10 feet	--	1	1
Fall from collapsing structure or equipment 21 to 25 feet	1	1	1
Fall from collapsing structure or equipment more than 30 feet	--	2	1
Fall through surface or existing opening	5	3	2
Fall through surface or existing opening 16 to 20 feet	--	1	1
Fall through surface or existing opening more than 30 feet	--	1	1
Other fall to lower level	22	10	6
Other fall to lower level 11 to 15 feet	3	4	2
Other fall to lower level more than 30 feet	--	1	1

Note: See footnotes at end of table.

Table 1. Fatal occupational injuries by event or exposure, Pennsylvania, 2016–17 - Continued

Event or exposure [1]	2016	2017	
	Number	Number	Percent
Exposure to harmful substances or environments	20	26	15
Exposure to electricity	4	6	3
Direct exposure to electricity	2	3	2
Direct exposure to electricity, 220 volts or less	--	1	1
Direct exposure to electricity, greater than 220 volts	1	2	1
Indirect exposure to electricity	--	3	2
Indirect exposure to electricity, greater than 220 volts	--	2	1
Exposure to other harmful substances	15	18	10
Nonmedical use of drugs or alcohol unintentional overdose	14	18	10
Exposure to oxygen deficiency	--	2	1
Drowning, submersion, n.e.c.	--	2	1
Contact with objects and equipment	35	34	20
Struck by object or equipment	30	28	16
Struck by powered vehicle nontransport	10	11	6
Caught between rolling powered vehicle and other object	2	1	1
Struck or run over by rolling powered vehicle	5	5	3
Struck by falling part of powered vehicle still attached	3	1	1
Struck by powered vehicle tipping over nontransport	--	2	1
Struck by rolling object or equipment other than powered vehicle	--	3	2
Struck by rolling object or equipment being pushed by injured worker	--	1	1
Struck by falling object or equipment	17	12	7
Struck by object falling from vehicle or machinery other than vehicle part	4	2	1
Struck by swinging or slipping object, other than handheld	--	1	1
Struck, caught, or crushed in collapsing structure, equipment, or material	1	4	2
Excavation or trenching cave-in	1	2	1
Engulfment in other collapsing material	--	1	1

Footnotes:
(1) Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.
NOTE: Data for all years are final. Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding. CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event. Dashes indicate no data reported or data that do not meet publication criteria.

Table 2. Fatal occupational injuries by industry, Pennsylvania, 2016–17

Industry [1]	2016	2017	
	Number	Number	Percent
Total	163	172	100
Private industry	146	162	94
Goods producing	66	70	41
Natural resources and mining	18	23	13
Agriculture, forestry, fishing and hunting	17	20	12
Crop production	7	5	3
Oilseed and grain farming	5	3	2
Corn farming	5	2	1
Animal production and aquaculture	5	6	3
Cattle ranching and farming	5	4	2
Dairy cattle and milk production	5	3	2
Other animal production	--	1	1
Forestry and logging	4	7	4
Logging	4	7	4
Logging	4	7	4
Mining, quarrying, and oil and gas extraction [2]	1	3	2
Mining (except oil and gas)	1	--	--
Coal mining	1	1	1
Coal mining	1	1	1
Anthracite mining	--	1	1
Construction	39	31	18
Construction of buildings	13	4	2
Residential building construction	11	3	2
Residential building construction	11	3	2
Heavy and civil engineering construction	3	5	3
Utility system construction	--	3	2
Power and communication line and related structures construction	--	1	1
Highway, street, and bridge construction	--	2	1
Highway, street, and bridge construction	--	2	1
Specialty trade contractors	22	22	13
Foundation, structure, and building exterior contractors	12	8	5
Roofing contractors	9	4	2
Nonresidential roofing contractors	--	1	1
Siding contractors	--	1	1
Building equipment contractors	1	4	2
Electrical contractors and other wiring installation contractors	1	3	2
Residential electrical contractors and other wiring installation contractors	--	1	1
Nonresidential electrical contractors and other wiring installation contractors	1	1	1
Plumbing, heating, and air-conditioning contractors	--	1	1
Residential plumbing, heating, and air-conditioning contractors	--	1	1
Building finishing contractors	--	6	3
Drywall and insulation contractors	--	1	1
Nonresidential drywall and insulation contractors	--	1	1
Flooring contractors	--	1	1
Tile and terrazzo contractors	1	1	1
Residential tile and terrazzo contractors	1	1	1
Other specialty trade contractors	7	3	2
Site preparation contractors	5	3	2
Residential site preparation contractors	--	1	1
Nonresidential site preparation contractors	3	1	1
Manufacturing	9	16	9
Food manufacturing	--	--	--
Fruit and vegetable preserving and specialty food manufacturing	--	1	1
Fruit and vegetable canning, pickling, and drying	--	1	1
Fruit and vegetable canning	--	1	1
Wood product manufacturing	1	--	--

Note: See footnotes at end of table.

Table 2. Fatal occupational injuries by industry, Pennsylvania, 2016–17 - Continued

Industry [1]	2016	2017	
	Number	Number	Percent
Veneer, plywood, and engineered wood product manufacturing	--	1	1
Veneer, plywood, and engineered wood product manufacturing	--	1	1
Truss manufacturing	--	1	1
Paper manufacturing	--	1	1
Converted paper product manufacturing	--	1	1
Paperboard container manufacturing	--	1	1
Corrugated and solid fiber box manufacturing	--	1	1
Petroleum and coal products manufacturing	--	1	1
Petroleum and coal products manufacturing	--	1	1
Other petroleum and coal products manufacturing	--	1	1
Plastics and rubber products manufacturing	--	1	1
Plastics product manufacturing	--	1	1
Other plastics product manufacturing	--	1	1
Plastics plumbing fixture manufacturing	--	1	1
Fabricated metal product manufacturing	1	2	1
Architectural and structural metals manufacturing	--	1	1
Plate work and fabricated structural product manufacturing	--	1	1
Fabricated structural metal manufacturing	--	1	1
Coating, engraving, heat treating, and allied activities	--	1	1
Coating, engraving, heat treating, and allied activities	--	1	1
Electroplating, plating, polishing, anodizing, and coloring	--	1	1
Transportation equipment manufacturing	--	1	1
Motor vehicle manufacturing	--	1	1
Heavy duty truck manufacturing	--	1	1
Service providing	80	92	53
Trade, transportation, and utilities	39	61	35
Wholesale trade	4	3	2
Merchant wholesalers, durable goods	--	3	2
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	--	1	1
Motor vehicle parts (used) merchant wholesalers	--	1	1
Machinery, equipment, and supplies merchant wholesalers	--	--	--
Service establishment equipment and supplies merchant wholesalers	--	1	1
Retail trade	7	10	6
Motor vehicle and parts dealers	2	2	1
Automotive parts, accessories, and tire stores	1	2	1
Tire dealers	--	2	1
Furniture and home furnishings stores	--	1	1
Furniture stores	--	1	1
Furniture stores	--	1	1
Food and beverage stores	2	5	3
Grocery stores	2	5	3
Supermarkets and other grocery (except convenience) stores	2	5	3
Health and personal care stores	--	1	1
Health and personal care stores	--	1	1
Pharmacies and drug stores	--	1	1
Gasoline stations	--	1	1
Gasoline stations	--	1	1
Gasoline stations with convenience stores	--	1	1
Transportation and warehousing	28	44	26
Truck transportation	21	29	17
General freight trucking	20	22	13
General freight trucking, local	4	5	3
General freight trucking, long-distance	16	16	9
General freight trucking, long-distance, truckload	11	10	6
General freight trucking, long-distance, less than truckload	--	5	3
Specialized freight trucking	--	7	4

Note: See footnotes at end of table.

Table 2. Fatal occupational injuries by industry, Pennsylvania, 2016–17 - Continued

Industry [1]	2016	2017	
	Number	Number	Percent
Specialized freight (except used goods) trucking, local	--	4	2
Specialized freight (except used goods) trucking, long-distance	--	3	2
Transit and ground passenger transportation	--	5	3
Taxi and limousine service	--	3	2
Limousine service	--	1	1
School and employee bus transportation	--	1	1
School and employee bus transportation	--	1	1
Support activities for transportation	4	4	2
Support activities for water transportation	--	1	1
Marine cargo handling	--	1	1
Support activities for road transportation	2	2	1
Motor vehicle towing	2	2	1
Freight transportation arrangement	--	1	1
Freight transportation arrangement	--	1	1
Warehousing and storage	--	2	1
Warehousing and storage	--	2	1
General warehousing and storage	--	2	1
Utilities	--	4	2
Electric power generation, transmission and distribution	--	3	2
Electric power generation	--	1	1
Nuclear electric power generation	--	1	1
Electric power transmission, control, and distribution	--	2	1
Electric power distribution	--	2	1
Natural gas distribution	--	1	1
Natural gas distribution	--	1	1
Financial activities	5	2	1
Finance and insurance	--	1	1
Insurance carriers and related activities	--	1	1
Insurance carriers	--	1	1
Direct insurance (except life, health, and medical) carriers	--	1	1
Direct property and casualty insurance carriers	--	1	1
Real estate and rental and leasing	5	1	1
Real estate	--	1	1
Lessors of real estate	--	1	1
Lessors of nonresidential buildings (except miniwarehouses)	--	1	1
Professional and business services	20	7	4
Administrative and support and waste management and remediation services	18	7	4
Administrative and support services	10	6	3
Services to buildings and dwellings	5	5	3
Landscaping services	4	3	2
Waste management and remediation services	8	1	1
Waste treatment and disposal	--	1	1
Waste treatment and disposal	--	1	1
Solid waste landfill	--	1	1
Educational and health services	6	9	5
Educational services	--	--	--
Educational services	--	--	--
Colleges, universities, and professional schools	--	1	1
Colleges, universities, and professional schools	--	1	1
Health care and social assistance	6	7	4
Ambulatory health care services	--	2	1
Offices of other health practitioners	--	1	1
Offices of mental health practitioners (except physicians)	--	1	1
Medical and diagnostic laboratories	--	1	1
Medical and diagnostic laboratories	--	1	1
Medical laboratories	--	1	1

Note: See footnotes at end of table.

Table 2. Fatal occupational injuries by industry, Pennsylvania, 2016–17 - Continued

Industry [1]	2016	2017	
	Number	Number	Percent
Hospitals	--	1	1
General medical and surgical hospitals	--	1	1
General medical and surgical hospitals	--	1	1
Nursing and residential care facilities	--	--	--
Continuing care retirement communities and assisted living facilities for the elderly	--	1	1
Continuing care retirement communities and assisted living facilities for the elderly	--	1	1
Assisted living facilities for the elderly	--	1	1
Social assistance	--	--	--
Individual and family services	--	1	1
Services for the elderly and persons with disabilities	--	1	1
Leisure and hospitality	4	8	5
Accommodation and food services	3	8	5
Food services and drinking places	3	6	3
Drinking places (alcoholic beverages)	--	2	1
Drinking places (alcoholic beverages)	--	2	1
Restaurants and other eating places	3	4	2
Restaurants and other eating places	3	4	2
Other services, except public administration	5	5	3
Religious, grantmaking, civic, professional, and similar organizations	--	3	2
Civic and social organizations	--	1	1
Civic and social organizations	--	1	1
Government [3]	17	10	6
Federal government	2	1	1
Service providing	--	1	1
Public administration	--	1	1
National security and international affairs	--	1	1
National security and international affairs	--	1	1
National security	--	1	1
State government	4	3	2
Service providing	4	2	1
Educational and health services	--	1	1
Educational services	--	1	1
Educational services	--	1	1
Colleges, universities, and professional schools	--	1	1
Colleges, universities, and professional schools	--	1	1
Public administration	2	1	1
Justice, public order, and safety activities	2	1	1
Justice, public order, and safety activities	2	1	1
Police protection	1	1	1
Local government	11	6	3
Goods producing	--	3	2
Construction	--	3	2
Heavy and civil engineering construction	--	3	2
Highway, street, and bridge construction	--	3	2
Highway, street, and bridge construction	--	3	2
Service providing	11	3	2
Public administration	8	3	2
Executive, legislative, and other general government support	--	1	1
Executive, legislative, and other general government support	--	1	1
Executive and legislative offices, combined	--	1	1
Justice, public order, and safety activities	7	2	1
Justice, public order, and safety activities	7	2	1
Police protection	--	1	1
Fire protection	4	1	1

Note: See footnotes at end of table.

Footnotes:
(1) Industry data are based on the North American Industry Classification System, 2012.
(2) Includes fatal injuries at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, 2012, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.
(3) Includes fatal injuries to workers employed by governmental organizations regardless of industry.
NOTE: Data for all years are final. Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding. CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event. Dashes indicate no data reported or data that do not meet publication criteria.

Table 3. Fatal occupational injuries by occupation, Pennsylvania, 2016–17

Occupation [1]	2016	2017	
	Number	Number	Percent
Total	163	172	100
Management, business, science, and arts occupations	13	18	10
Management, business and financial occupations	10	13	8
Management occupations	10	13	8
Other management occupations	9	12	7
Agricultural managers	9	11	6
Farmers, ranchers, and other agricultural managers	9	11	6
Construction managers	--	1	1
Construction managers	--	1	1
Professional and related occupations	3	5	3
Education, legal, community service, arts, and media occupations	--	3	2
Community and social service occupations	--	3	2
Counselors, social workers, and other community and social service specialists	--	2	1
Counselors	--	1	1
Mental health counselors	--	1	1
Social workers	--	1	1
Child, family, and school social workers	--	1	1
Religious workers	--	1	1
Clergy	--	1	1
Clergy	--	1	1
Healthcare practitioners and technical occupations	--	1	1
Health diagnosing and treating practitioners	1	1	1
Registered nurses	--	1	1
Registered nurses	--	1	1
Service occupations	26	20	12
Protective service occupations	10	4	2
Fire fighting and prevention workers	4	1	1
Firefighters	4	1	1
Firefighters	4	1	1
Law enforcement workers	5	3	2
Police officers	3	3	2
Police and sheriff's patrol officers	3	3	2
Food preparation and serving related occupations	3	5	3
Supervisors, food preparation and serving workers	--	3	2
First-line supervisors/managers, food preparation and serving workers	--	3	2
First-line supervisors of food preparation and serving workers	--	3	2
Food and beverage serving workers	--	1	1
Fast food and counter workers	--	1	1
Counter attendants, cafeteria, food concession, and coffee shop	--	1	1
Building and grounds cleaning and maintenance occupations	8	10	6
Supervisors, building and grounds cleaning and maintenance workers	1	1	1
First-line supervisors/managers, building and grounds cleaning and maintenance workers	1	1	1
First-line supervisors of landscaping, lawn service, and groundskeeping workers	1	1	1
Building cleaning and pest control workers	--	5	3
Building cleaning workers	--	5	3
Janitors and cleaners, except maids and housekeeping cleaners	--	5	3
Grounds maintenance workers	5	4	2
Grounds maintenance workers	5	4	2
Landscaping and groundskeeping workers	4	3	2
Tree trimmers and pruners	--	1	1
Sales and office occupations	7	12	7
Sales and related occupations	5	9	5
Supervisors, sales workers	3	6	3
First-line supervisors/managers, sales workers	3	6	3
First-line supervisors of retail sales workers	3	5	3
Retail sales workers	--	--	--

Note: See footnotes at end of table.

Table 3. Fatal occupational injuries by occupation, Pennsylvania, 2016–17 - Continued

Occupation [1]	2016	2017	
	Number	Number	Percent
Retail salespersons	--	1	1
Retail salespersons	--	1	1
Sales representatives, services	--	1	1
Insurance sales agents	--	1	1
Insurance sales agents	--	1	1
Office and administrative support occupations	--	3	2
Material recording, scheduling, dispatching, and distributing workers	--	3	2
Stock clerks and order fillers	--	1	1
Stock clerks and order fillers	--	1	1
Natural resources, construction, and maintenance occupations	56	61	35
Farming, fishing, and forestry occupations	8	9	5
Agricultural workers	4	--	--
Miscellaneous agricultural workers	4	--	--
Farmworkers and laborers, crop, nursery, and greenhouse	--	1	1
Forest, conservation, and logging workers	4	6	3
Logging workers	4	6	3
Fallers	3	4	2
Construction and extraction occupations	41	34	20
Supervisors of construction and extraction workers	8	4	2
First-line supervisors/managers of construction trades and extraction workers	8	4	2
First-line supervisors of construction trades and extraction workers	8	4	2
Construction trades workers	30	23	13
Carpet, floor, and tile installers and finishers	--	1	1
Floor sanders and finishers	--	1	1
Construction laborers	10	6	3
Construction laborers	10	6	3
Construction equipment operators	--	3	2
Operating engineers and other construction equipment operators	--	3	2
Drywall installers, ceiling tile installers, and tapers	--	1	1
Drywall and ceiling tile installers	--	1	1
Roofers	10	3	2
Roofers	10	3	2
Helpers, construction trades	--	1	1
Helpers, construction trades	--	1	1
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	--	1	1
Other construction and related workers	--	5	3
Construction and building inspectors	1	1	1
Construction and building inspectors	1	1	1
Highway maintenance workers	--	3	2
Highway maintenance workers	--	3	2
Septic tank servicers and sewer pipe cleaners	--	1	1
Septic tank servicers and sewer pipe cleaners	--	1	1
Installation, maintenance, and repair occupations	7	18	10
Supervisors of installation, maintenance, and repair workers	--	1	1
First-line supervisors/managers of mechanics, installers, and repairers	--	1	1
First-line supervisors of mechanics, installers, and repairers	--	1	1
Vehicle and mobile equipment mechanics, installers, and repairers	--	5	3
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	--	2	1
Tire repairers and changers	--	2	1
Other installation, maintenance, and repair occupations	3	12	7
Industrial machinery installation, repair, and maintenance workers	1	3	2
Industrial machinery mechanics	1	1	1
Maintenance workers, machinery	--	1	1
Line installers and repairers	--	3	2
Electrical power-line installers and repairers	--	2	1
Maintenance and repair workers, general	--	4	2

Note: See footnotes at end of table.

Table 3. Fatal occupational injuries by occupation, Pennsylvania, 2016–17 - Continued

Occupation [1]	2016	2017	
	Number	Number	Percent
Maintenance and repair workers, general	--	4	2
Miscellaneous installation, maintenance, and repair workers	--	--	--
Locksmiths and safe repairers	--	1	1
Production, transportation, and material moving occupations	61	61	35
Production occupations	7	9	5
Supervisors of production workers	--	1	1
First-line supervisors/managers of production and operating workers	--	1	1
First-line supervisors of production and operating workers	--	1	1
Metal workers and plastic workers	--	3	2
Machinists	--	1	1
Machinists	--	1	1
Welding, soldering, and brazing workers	--	2	1
Welders, cutters, solderers, and brazers	--	2	1
Plant and system operators	1	2	1
Power plant operators, distributors, and dispatchers	--	2	1
Power plant operators	--	2	1
Transportation and material moving occupations	54	52	30
Motor vehicle operators	35	40	23
Bus drivers	--	1	1
Bus drivers, school or special client	--	1	1
Driver/sales workers and truck drivers	35	36	21
Driver/sales workers	--	1	1
Heavy and tractor-trailer truck drivers	31	35	20
Taxi drivers and chauffeurs	--	3	2
Taxi drivers and chauffeurs	--	3	2
Other transportation workers	--	1	1
Transportation inspectors	--	1	1
Transportation inspectors	--	1	1
Material moving workers	17	10	6
Laborers and material movers, hand	9	8	5
Laborers and freight, stock, and material movers, hand	8	8	5

Footnotes:
(1) Occupation data are based on the Standard Occupational Classification system, 2010.
NOTE: Data for all years are final. Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding. CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event. Dashes indicate no data reported or data that do not meet publication criteria.

Table 4. Fatal occupational injuries by selected demographic characteristics, Pennsylvania, 2016–17

Worker characteristics	2016	2017	
	Number	Number	Percent
Total	163	172	100
Employee status			
Wage and salary workers [1]	130	133	77
Self-employed [2]	33	39	23
Gender			
Men	154	162	94
Women	9	10	6
Age [3]			
Under 16 years	1	1	1
18 to 19 years	--	2	1
20 to 24 years	7	9	5
25 to 34 years	26	32	19
35 to 44 years	30	24	14
45 to 54 years	30	42	24
55 to 64 years	41	41	24
65 years and over	25	21	12
Race or ethnic origin [4]			
White (non-Hispanic)	138	150	87
Black or African-American (non-Hispanic)	13	12	7
Hispanic or Latino	7	9	5

Footnotes:
(1) May include volunteers and workers receiving other types of compensation.
(2) 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.
(3) Information may not be available for all age groups.
(4) Persons identified as Hispanic or Latino may be of any race. The race categories shown exclude Hispanic and Latino workers.
NOTE: Data for all years are final. Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding. CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event. Dashes indicate no data reported or data that do not meet publication criteria.