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# Census of Fatal Occupational Injuries in Washington, 2017

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# Introduction

There were 84 fatal occupational injuries in Washington in 2017, a 7.69 percent increase from 78 in 2016, according to data from the U.S. Department of Labor, Bureau of Labor Statistics. The overall rate of fatal occupational injuries in Washington in 2017 was 2.5 per 100,000 full-time employees. This is up slightly from a rate of 2.4 in 2016. Nationally, there were 5,147 fatal occupational injuries, down slightly from the 2016 total of 5,190. The national fatal injury rate was 3.5 per 100,000 full-time workers, also down from 3.6 in 2016.

Figure 1. Fatal occupational injuries, Washington, 1991 – 2017

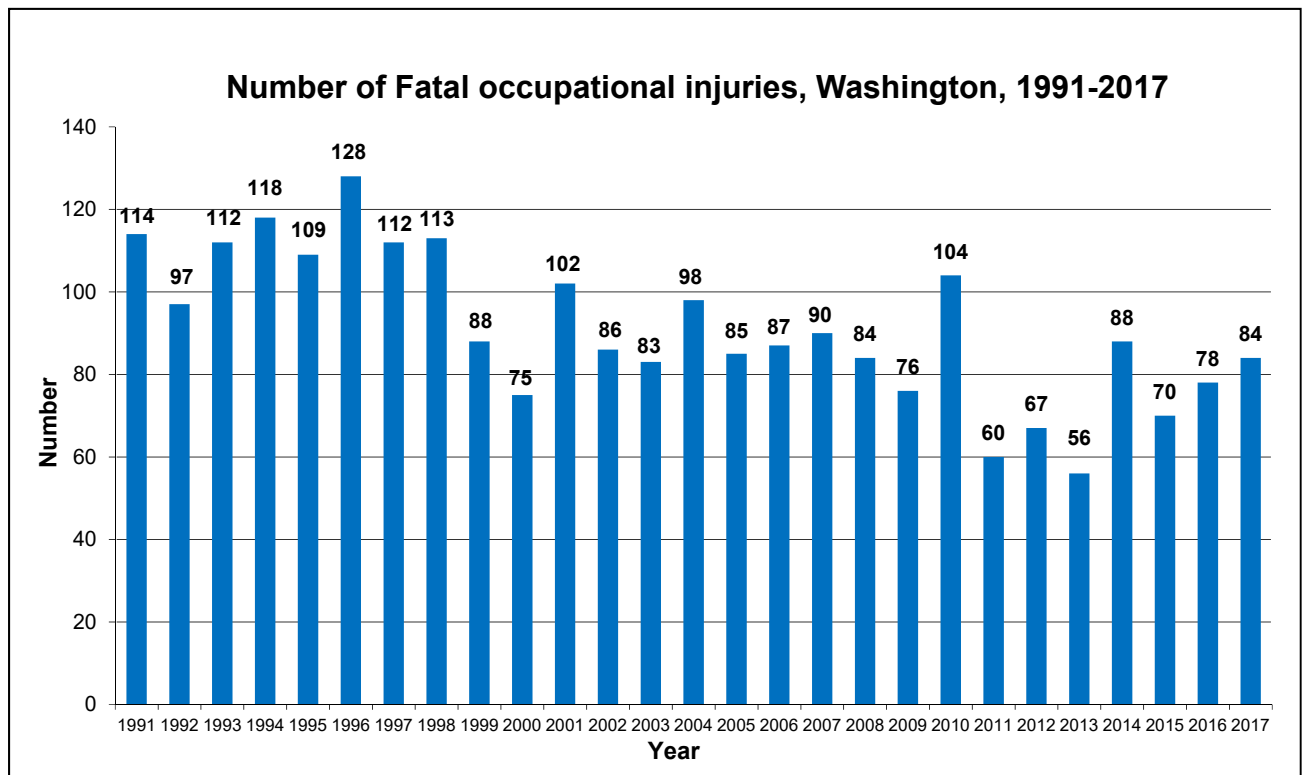


Figure 2. Fatal work injury rates by Industry for Washington, 2016-2017

Industry	2016	2017
Overall fatality rate per 100,000 full-time workers	2.4	2.5
Agriculture, forestry, fishing and hunting	14.5	11.7
Construction	7.5	6.2
Manufacturing	--	1.9
Wholesale and retail trade	1.3	3.2
Transportation and utilities	6.1	5.8
Financial activities	3.2	--
Professional and business services	1.7	1.8
<i>Note: Dashes indicate that a fatal injury rate was not calculated because the data did not meet publication criteria or there were no data reported.</i>		

## Key Findings

Transportation incidents were the leading cause of fatal occupational injuries in Washington in 2017, accounting for 35.7 percent (30 incidents).

The second-leading cause of fatalities was falls, slips, and trips, accounting for 31 percent (26 incidents). Six incidents were from falls on the same level and 20 incidents were from falls to a lower level.

Violence and other injuries by persons or animals accounted for 15.5 percent (13 incidents). Of those 13 incidents, 6 workers were murdered and 7 workers committed suicide.

Contact with objects and equipment accounted for 11.9 percent (10 incidents).

Exposure to harmful substances or environments accounted for 3 percent (3 incidents).

Figure 2. Fatal occupational injuries by event or exposure, Washington, 2016-2017

<b>Fatal occupational injuries by event or exposure</b>	<b>2016</b>	<b>2017</b>
Total fatalities	78	84
<b>Transportation incidents</b>	<b>27</b>	<b>30</b>
<b>Falls, slips, trips</b>	<b>24</b>	<b>26</b>
<b>Violence and other injuries by persons or animals</b>	<b>13</b>	<b>13</b>
Homicides (intentional injury by other person)	9	6
Suicides (self-inflicted injury, intentional)	4	7
<b>Contact with objects and equipment</b>	<b>8</b>	<b>10</b>
<b>Exposure to harmful substances or environments</b>	<b>3</b>	<b>3</b>
<b>Other not reported</b>	<b>3</b>	<b>2</b>

## Employee Demographics

Each year, men are fatally injured by occupational injuries at a much higher rate than women. In Washington in 2017, men accounted for 95.24 percent of fatal occupational injuries (80 incidents), and women accounted for 4.76 percent (4 incidents).

Seventy-four percent of the workers were White (non-Hispanic) (62 workers); 11 percent were Hispanic or Latino (9 workers); 5 percent were Black or African-American (non-Hispanic) (4 workers); 5 percent were American Indian or Alaska Native (non-Hispanic) (4 workers); 4 percent were Native Hawaiian or Pacific Islander (non-Hispanic) (3 workers); and 1 percent was Asian (non-Hispanic) (1 worker).

The youngest worker that was fatally injured was 19 years old and the oldest worker was 81 years old. Nineteen percent of workers (16 workers) were age 65 or older -- eight were injured in falls, slips, or trips, six were injured in transportation incidents, one was struck by a falling object and one committed suicide.

Seventy-five percent of workers were employed in the private sector (63 workers), twenty percent were self-employed (17 workers), and five percent (4 workers) were in the government sector.

Eighteen percent of the fatal occupational injuries in Washington in 2017 occurred to workers who were not born in the United States (15 workers).

### **Fatalities by month of incident**

More fatal injuries occurred during the summer months (June, July, August and September) than during other times of the year. The fewest number of fatal injuries were reported in February and March.

### Census of Fatal Occupational Injuries (CFOI)

The Bureau of Labor Statistics (BLS) Census of Fatal Occupational Injuries (CFOI) produces accurate, comprehensive, and timely counts of fatal work injuries. CFOI is a Federal-State cooperative program that was implemented in all 50 States in 1992. The census uses multiple sources to identify, verify, and profile fatal worker injuries. Information about each workplace fatal injury—occupation and other worker characteristics, equipment involved, and circumstances of the event—is obtained by cross-referencing the source records, such as death certificates, workers' compensation reports, and Federal and State agency administrative reports.

Data compiled by the CFOI program are issued annually for the preceding calendar year. These data are used by safety and health policy analysts and researchers to help prevent fatal work injuries by:

- Informing workers of life threatening hazards associated with various jobs;
- Promoting safer work practices through enhanced job safety training;
- Assessing and improving workplace safety standards; and
- Identifying new areas of safety research.

#### **Change to the OIICS Structure**

Information in this release incorporates a major revision in the Occupational Injury and Illness Classification System (OIICS), which is used to describe the characteristics of fatal work injuries. Because of the extensive revisions, data for the OIICS case characteristics for reference year 2011 and beyond represent a break in series with data for prior years.

**2017 Census of Fatal Occupational Injuries  
Fatal Work Injury Rates  
Washington**

	2017 Overall rate	Industry <sup>1</sup>												
		Agriculture, forestry, fishing and hunting	Mining, quarrying, and oil and gas extraction	Construction	Manufacturing	Wholesale and retail trade	Transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services, except public administration	Public administration
Fatality rate <sup>2</sup>	2.5	11.7	-	6.2	1.9	3.2	5.8	-	-	1.8	-	-	-	-

<sup>1</sup> Industry data are based on the North American Industry Classification System, 2012.

<sup>2</sup> Workers under the age of 16 years, volunteer workers, and members of the resident military are not included in rate calculations to maintain consistency with the Current Population Survey (CPS) and Local Area Unemployment Statistics (LAUS) employment. The ownership category government is not presented separately and may be included in any industry category. In 2007, the Census of Fatal Occupational Injuries (CFOI) adopted hours-based state fatal injury rates. Employment-based rates were used previously. Because of substantial differences between rates calculated using the two methods, hours-based state fatal injury rates should not be compared to the employment-based rates from previous years. Note: Dashes indicate that a fatal injury rate was not calculated because the data did not meet publication criteria or there were no data reported. Source: U.S. Bureau of Labor Statistics, Current Population Survey, Census of Fatal Occupational Injuries, 2017.

**Fatal injury rate computation**

Fatal injury rates depict the risk of incurring a fatal occupational injury and can be used to compare risk among worker groups with varying employment levels. Since employment data are not collected by CFOI, fatal injury rates are calculated using Current Population Survey (CPS) data. Each state rate in the table above represents the number of fatal occupational injuries per 100,000 full-time equivalent workers and was calculated as:

Fatality rate = (Ns/EHs) x 200,000,000 where  
 Ns = number of fatal work injuries  
 EHs = total hours worked by all employees in the state during the calendar year  
 200,000,000 = base for 100,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year)

State rates by industry were imputed by using national-level “average hours” and “at work” information from CPS to calculate the average annual number of hours for each employee, since these data are not available at the state level. EHs (total hours worked by all employees during the calendar year) was calculated as:

EHs = HW<sub>N</sub> x E<sub>S</sub> where  
 E<sub>S</sub> = State employment (from LAUS)  
 HW<sub>N</sub> = average annual number of hours for each employee at the national level (from CPS)

**Fatal injury rate limitations**

State industry rates are not directly comparable to national industry rates. Because state rates include government workers in their respective industry sector and are not broken out separately, both the numerator and denominator include a different group of workers than that of the national rates. State industry rates are not comparable to other states because of the large differences in the industry composition of employment by state.

There are several **limitations** of using CPS data in CFOI rate calculations. LAUS estimates for states are derived from signal-plus-noise models that use the monthly employment and unemployment measures tabulated from the CPS as the primary input and therefore the caveats from CPS apply to the LAUS data as well.

- **State of residence versus state of incident:** The CPS counts workers by their state of residence, whereas the CFOI counts workers by state of incident.
- **Primary job versus job at the time of incident:** The CPS annual average employment data used in the rate calculations count workers according to their primary job, whereas CFOI uses the job held when fatally injured.
- **Employment sampling errors:** The CPS data uses a sample of households, therefore the CPS estimates, and the fatal injury rates based on them, have sampling errors.

For more information on how state rates are calculated and employment data limitations please see the BLS Handbook of Methods: <https://www.bls.gov/opub/hom/cfoi/calculation.htm>.

For more information on CPS and LAUS please see their sections in the BLS Handbook: <https://www.bls.gov/opub/hom/cps/home.htm> and <https://www.bls.gov/opub/hom/lau/home.htm>.

TABLE A-1. Fatal occupational injuries by industry and event or exposure, Washington, 2017

Industry <sup>1</sup>	NAICS code <sup>1</sup>	Total fatal injuries (number)	Event or exposure <sup>2</sup>					
			Violence and other injuries by persons or animals <sup>3</sup>	Transportation incidents <sup>4</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
<b>Total</b>		84	13	30	--	26	3	10
<b>Private industry</b>		80	12	27	--	26	3	10
<b>Goods producing</b>		36	--	11	--	17	--	6
<b>Natural resources and mining</b>		14	--	7	--	3	--	3
<b>Agriculture, forestry, fishing and hunting</b>		14	--	7	--	3	--	3
Crop production	111	6	--	4	--	--	--	--
Vegetable and melon farming	1112	--	--	--	--	--	--	--
Vegetable and melon farming	11121	--	--	--	--	--	--	--
Potato farming	111211	1	--	--	--	--	--	--
Forestry and logging	113	4	--	--	--	--	--	--
Logging	1133	4	--	--	--	--	--	--
Logging	11331	4	--	--	--	--	--	--
Fishing, hunting and trapping	114	3	--	--	--	--	--	--
Fishing	1141	3	--	--	--	--	--	--
Fishing	11411	3	--	--	--	--	--	--
<b>Construction</b>		15	--	3	--	10	--	--
<b>Construction</b>		15	--	3	--	10	--	--
Construction of buildings	236	4	--	--	--	4	--	--
Residential building construction	2361	3	--	--	--	3	--	--
Residential building construction	23611	3	--	--	--	3	--	--
Residential remodelers	236118	1	--	--	--	1	--	--
Heavy and civil engineering construction	237	1	--	1	--	--	--	--
Highway, street, and bridge construction	2373	1	--	1	--	--	--	--
Highway, street, and bridge construction	23731	1	--	1	--	--	--	--
Specialty trade contractors	238	10	--	--	--	6	--	--
Foundation, structure, and building exterior contractors	2381	5	--	--	--	5	--	--
Other specialty trade contractors	2389	4	--	--	--	--	--	--
Site preparation contractors	23891	4	--	--	--	--	--	--
<b>Manufacturing</b>		7	--	--	--	4	--	1
<b>Manufacturing</b>		7	--	--	--	4	--	1

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Industry <sup>1</sup>	NAICS code <sup>1</sup>	Total fatal injuries (number)	Event or exposure <sup>2</sup>					
			Violence and other injuries by persons or animals <sup>3</sup>	Transportation incidents <sup>4</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Plastics and rubber products manufacturing	326	1	--	--	--	--	--	1
Plastics product manufacturing	3261	1	--	--	--	--	--	1
Other plastics product manufacturing	32619	1	--	--	--	--	--	1
Transportation equipment manufacturing	336	1	--	--	--	1	--	--
Aerospace product and parts manufacturing	3364	1	--	--	--	1	--	--
Aerospace product and parts manufacturing	33641	1	--	--	--	1	--	--
Aircraft manufacturing	336411	1	--	--	--	1	--	--
<b>Service providing</b>		44	12	16	--	9	1	4
<b>Trade, transportation, and utilities</b>		26	8	13	--	3	--	--
<b>Wholesale trade</b>		6	--	4	--	--	--	--
Merchant wholesalers, nondurable goods	424	4	--	3	--	--	--	--
Grocery and related product wholesalers	4244	3	--	3	--	--	--	--
<b>Retail trade</b>		10	8	--	--	--	--	--
Gasoline stations	447	2	2	--	--	--	--	--
Gasoline stations	4471	2	2	--	--	--	--	--
Gasoline stations with convenience stores	44711	2	2	--	--	--	--	--
Sporting goods, hobby, book, and music stores	451	1	1	--	--	--	--	--
Sporting goods, hobby, and musical instrument stores	4511	1	1	--	--	--	--	--
Sporting goods stores	45111	1	1	--	--	--	--	--
General merchandise stores	452	3	--	--	--	--	--	--
<b>Transportation and warehousing</b>		10	--	8	--	--	--	--
Rail transportation	482	1	--	1	--	--	--	--
Rail transportation	4821	1	--	1	--	--	--	--
Rail transportation	48211	1	--	1	--	--	--	--
Line-haul railroads	482111	1	--	1	--	--	--	--
Truck transportation	484	7	--	5	--	--	--	--
Specialized freight trucking	4842	6	--	4	--	--	--	--
Specialized freight (except used goods) trucking, local	48422	4	--	3	--	--	--	--
<b>Financial activities</b>		4	--	--	--	--	--	--
<b>Real estate and rental and leasing</b>		4	--	--	--	--	--	--
Real estate	531	3	--	--	--	--	--	--
<b>Professional and business services</b>		8	1	--	--	--	--	3



TABLE A-1. Fatal occupational injuries by industry and event or exposure, Washington, 2017

Industry <sup>1</sup>	NAICS code <sup>1</sup>	Total fatal injuries (number)	Event or exposure <sup>2</sup>					
			Violence and other injuries by persons or animals <sup>3</sup>	Transportation incidents <sup>4</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
<b>Administrative and waste services</b>		8	1	--	--	--	--	3
Administrative and support services	561	6	1	--	--	--	--	3
Services to buildings and dwellings	5617	6	1	--	--	--	--	3
Landscaping services	56173	4	1	--	--	1	--	--
<b>Educational and health services</b>		3	1	1	--	--	--	--
<b>Educational services</b>		1	--	1	--	--	--	--
Educational services	611	1	--	1	--	--	--	--
Technical and trade schools	6115	1	--	1	--	--	--	--
Technical and trade schools	61151	1	--	1	--	--	--	--
Flight training	611512	1	--	1	--	--	--	--
<b>Health care and social assistance</b>		--	1	--	--	--	--	--
Hospitals	622	1	1	--	--	--	--	--
General medical and surgical hospitals	6221	1	1	--	--	--	--	--
General medical and surgical hospitals	62211	1	1	--	--	--	--	--
<b>Leisure and hospitality</b>		1	--	--	--	1	--	--
<b>Arts, entertainment, and recreation</b>		1	--	--	--	1	--	--
Amusement, gambling, and recreation industries	713	1	--	--	--	1	--	--
Other amusement and recreation industries	7139	1	--	--	--	1	--	--
<b>Other services, except public administration</b>		1	--	--	--	1	--	--
<b>Other services, except public administration</b>		1	--	--	--	1	--	--
Repair and maintenance	811	1	--	--	--	1	--	--
Commercial machinery repair and maintenance	8113	1	--	--	--	1	--	--
Commercial machinery repair and maintenance	81131	1	--	--	--	1	--	--
<b>Government<sup>6</sup></b>		4	1	3	--	--	--	--
<b>Federal government</b>		1	--	1	--	--	--	--
<b>Service providing</b>		1	--	1	--	--	--	--
<b>Public administration</b>		1	--	1	--	--	--	--

TABLE A-1. Fatal occupational injuries by industry and event or exposure, Washington, 2017

Industry <sup>1</sup>	NAICS code <sup>1</sup>	Total fatal injuries (number)	Event or exposure <sup>2</sup>					
			Violence and other injuries by persons or animals <sup>3</sup>	Transportation incidents <sup>4</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
<b>Public administration</b>		1	--	1	--	--	--	--
Administration of environmental quality programs	924	1	--	1	--	--	--	--
Administration of environmental quality programs	9241	1	--	1	--	--	--	--
Administration of air and water resource and solid waste management programs	92411	1	--	1	--	--	--	--
<b>State government</b>		1	1	--	--	--	--	--
<b>Service providing</b>		1	1	--	--	--	--	--
<b>Educational and health services</b>		1	1	--	--	--	--	--
<b>Health care and social assistance</b>		1	1	--	--	--	--	--
Nursing and residential care facilities	623	1	1	--	--	--	--	--
Residential intellectual and developmental disability, mental health, and substance abuse facilities	6232	1	1	--	--	--	--	--
Residential intellectual and developmental disability facilities	62321	1	1	--	--	--	--	--

<sup>1</sup> CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For more information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>.

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

<sup>3</sup> Includes violence by persons, self-inflicted injury, and attacks by animals.

<sup>4</sup> Includes roadway, nonroadway, air, water, rail fatal occupational injuries, and fatal occupational injuries resulting from being struck by a vehicle.

<sup>5</sup> Includes fatal injuries at all establishments categorized as Mining (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.

<sup>6</sup> Includes fatal injuries to workers employed by governmental organizations regardless of industry.

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. 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, December 18, 2018.

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Washington, 2017

Industry <sup>1</sup>	Total fatal injuries (number)	Transportation incidents <sup>2</sup>				Homicides <sup>2</sup>	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
<b>Total</b>	84	30	18	3	3	6	4
<b>Private industry</b>	80	27	16	3	--	5	4
<b>Goods producing</b>	36	11	5	3	1	--	--
<b>Natural resources and mining</b>	14	7	3	--	--	--	--
<b>Agriculture, forestry, fishing and hunting</b>	14	7	3	--	--	--	--
Crop production	6	4	--	--	--	--	--
Vegetable and melon farming	--	--	--	--	--	--	--
Vegetable and melon farming	--	--	--	--	--	--	--
Potato farming	1	--	--	--	--	--	--
Forestry and logging	4	--	--	--	--	--	--
Logging	4	--	--	--	--	--	--
Logging	4	--	--	--	--	--	--
Fishing, hunting and trapping	3	--	--	--	--	--	--
Fishing	3	--	--	--	--	--	--
Fishing	3	--	--	--	--	--	--
<b>Construction</b>	15	3	--	--	1	--	--
<b>Construction</b>	15	3	--	--	1	--	--
Construction of buildings	4	--	--	--	--	--	--
Residential building construction	3	--	--	--	--	--	--
Residential building construction	3	--	--	--	--	--	--
Residential remodelers	1	--	--	--	--	--	--
Heavy and civil engineering construction	1	1	--	--	1	--	--
Highway, street, and bridge construction	1	1	--	--	1	--	--
Highway, street, and bridge construction	1	1	--	--	1	--	--
Specialty trade contractors	10	--	--	--	--	--	--
Foundation, structure, and building exterior contractors	5	--	--	--	--	--	--
Other specialty trade contractors	4	--	--	--	--	--	--
Site preparation contractors	4	--	--	--	--	--	--
<b>Manufacturing</b>	7	--	--	--	--	--	--
<b>Manufacturing</b>	7	--	--	--	--	--	--
Plastics and rubber products manufacturing	1	--	--	--	--	--	--
Plastics product manufacturing	1	--	--	--	--	--	--
Other plastics product manufacturing	1	--	--	--	--	--	--
Transportation equipment manufacturing	1	--	--	--	--	--	--
Aerospace product and parts manufacturing	1	--	--	--	--	--	--
Aerospace product and parts manufacturing	1	--	--	--	--	--	--
Aircraft manufacturing	1	--	--	--	--	--	--
<b>Service providing</b>	44	16	11	--	--	5	4

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Washington, 2017

Industry <sup>1</sup>	Total fatal injuries (number)	Transportation incidents <sup>2</sup>				Homicides <sup>2</sup>	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
<b>Trade, transportation, and utilities</b>	26	13	9	--	--	3	--
<b>Wholesale trade</b>	6	4	3	--	--	--	--
Merchant wholesalers, nondurable goods	4	3	--	--	--	--	--
Grocery and related product wholesalers	3	3	--	--	--	--	--
<b>Retail trade</b>	10	--	--	--	--	3	--
Gasoline stations	2	--	--	--	--	2	1
Gasoline stations	2	--	--	--	--	2	1
Gasoline stations with convenience stores	2	--	--	--	--	2	1
Sporting goods, hobby, book, and music stores	1	--	--	--	--	--	--
Sporting goods, hobby, and musical instrument stores	1	--	--	--	--	--	--
Sporting goods stores	1	--	--	--	--	--	--
General merchandise stores	3	--	--	--	--	--	--
<b>Transportation and warehousing</b>	10	8	5	--	--	--	--
Rail transportation	1	1	--	--	--	--	--
Rail transportation	1	1	--	--	--	--	--
Rail transportation	1	1	--	--	--	--	--
Line-haul railroads	1	1	--	--	--	--	--
Truck transportation	7	5	4	--	--	--	--
Specialized freight trucking	6	4	3	--	--	--	--
Specialized freight (except used goods) trucking, local	4	3	--	--	--	--	--
<b>Financial activities</b>	4	--	--	--	--	--	--
<b>Real estate and rental and leasing</b>	4	--	--	--	--	--	--
Real estate	3	--	--	--	--	--	--
<b>Professional and business services</b>	8	--	--	--	--	--	--
<b>Administrative and waste services</b>	8	--	--	--	--	--	--
Administrative and support services	6	--	--	--	--	--	--
Services to buildings and dwellings	6	--	--	--	--	--	--
Landscaping services	4	--	--	--	--	--	--
<b>Educational and health services</b>	3	1	--	--	--	--	--
<b>Educational services</b>	1	1	--	--	--	--	--
Educational services	1	1	--	--	--	--	--
Technical and trade schools	1	1	--	--	--	--	--
Technical and trade schools	1	1	--	--	--	--	--
Flight training	1	1	--	--	--	--	--
<b>Health care and social assistance</b>	--	--	--	--	--	--	--
Hospitals	1	--	--	--	--	--	--
General medical and surgical hospitals	1	--	--	--	--	--	--
General medical and surgical hospitals	1	--	--	--	--	--	--

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Washington, 2017

Industry <sup>1</sup>	Total fatal injuries (number)	Transportation incidents <sup>2</sup>				Homicides <sup>2</sup>	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person-- intentional
<b>Leisure and hospitality</b>	1	--	--	--	--	--	--
<b>Arts, entertainment, and recreation</b>	1	--	--	--	--	--	--
Amusement, gambling, and recreation industries	1	--	--	--	--	--	--
Other amusement and recreation industries	1	--	--	--	--	--	--
<b>Other services, except public administration</b>	1	--	--	--	--	--	--
<b>Other services, except public administration</b>	1	--	--	--	--	--	--
Repair and maintenance	1	--	--	--	--	--	--
Commercial machinery repair and maintenance	1	--	--	--	--	--	--
Commercial machinery repair and maintenance	1	--	--	--	--	--	--
<b>Government<sup>4</sup></b>	4	3	--	--	--	1	--
<b>Federal government</b>	1	1	1	--	--	--	--
<b>Service providing</b>	1	1	1	--	--	--	--
<b>Public administration</b>	1	1	1	--	--	--	--
<b>Public administration</b>	1	1	1	--	--	--	--
Administration of environmental quality programs	1	1	1	--	--	--	--
Administration of environmental quality programs	1	1	1	--	--	--	--
Administration of air and water resource and solid waste management programs	1	1	1	--	--	--	--
<b>State government</b>	1	--	--	--	--	1	--
<b>Service providing</b>	1	--	--	--	--	1	--
<b>Educational and health services</b>	1	--	--	--	--	1	--
<b>Health care and social assistance</b>	1	--	--	--	--	1	--
Nursing and residential care facilities	1	--	--	--	--	1	--
Residential intellectual and developmental disability, mental health, and substance abuse facilities	1	--	--	--	--	1	--
Residential intellectual and developmental disability facilities	1	--	--	--	--	1	--

<sup>1</sup> CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For more information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcfdef.htm>.

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

<sup>3</sup> Includes fatal injuries at all establishments categorized as Mining (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.

<sup>4</sup> Includes fatal injuries to workers employed by governmental organizations regardless of industry.

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. 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, December 18, 2018.

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Washington, 2017

Industry <sup>1</sup>	Fatal injuries		Private sector wage and salary workers <sup>2</sup>		Government workers <sup>3</sup>		Self-employed workers <sup>4</sup>	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Total</b>	84	100.0	63	100.0	4	100.0	17	100.0
<b>Goods producing</b>	36	42.9	30	47.6	--	--	6	35.3
<b>Natural resources and mining</b>	14	16.7	10	15.9	--	--	4	23.5
<b>Agriculture, forestry, fishing and hunting</b>	14	16.7	10	15.9	--	--	4	23.5
Crop production	6	7.1	5	7.9	--	--	1	5.9
Vegetable and melon farming	--	--	--	--	--	--	1	5.9
Vegetable and melon farming	--	--	--	--	--	--	1	5.9
Potato farming	1	1.2	--	--	--	--	1	5.9
Forestry and logging	4	4.8	3	4.8	--	--	1	5.9
Logging	4	4.8	3	4.8	--	--	1	5.9
Logging	4	4.8	3	4.8	--	--	1	5.9
Fishing, hunting and trapping	3	3.6	--	--	--	--	--	--
Fishing	3	3.6	--	--	--	--	--	--
Fishing	3	3.6	--	--	--	--	--	--
<b>Construction</b>	15	17.9	13	20.6	--	--	--	--
<b>Construction</b>	15	17.9	13	20.6	--	--	--	--
Construction of buildings	4	4.8	3	4.8	--	--	1	5.9
Residential building construction	3	3.6	--	--	--	--	1	5.9
Residential building construction	3	3.6	--	--	--	--	1	5.9
Residential remodelers	1	1.2	--	--	--	--	1	5.9
Heavy and civil engineering construction	1	1.2	1	1.6	--	--	--	--
Highway, street, and bridge construction	1	1.2	1	1.6	--	--	--	--
Highway, street, and bridge construction	1	1.2	1	1.6	--	--	--	--
Specialty trade contractors	10	11.9	9	14.3	--	--	--	--
Foundation, structure, and building exterior contractors	5	6.0	4	6.3	--	--	--	--
Other specialty trade contractors	4	4.8	4	6.3	--	--	--	--
Site preparation contractors	4	4.8	4	6.3	--	--	--	--
<b>Manufacturing</b>	7	8.3	7	11.1	--	--	--	--
<b>Manufacturing</b>	7	8.3	7	11.1	--	--	--	--
Plastics and rubber products manufacturing	1	1.2	--	--	--	--	--	--
Plastics product manufacturing	1	1.2	--	--	--	--	--	--
Other plastics product manufacturing	1	1.2	--	--	--	--	--	--
Transportation equipment manufacturing	1	1.2	1	1.6	--	--	--	--
Aerospace product and parts manufacturing	1	1.2	1	1.6	--	--	--	--
Aerospace product and parts manufacturing	1	1.2	1	1.6	--	--	--	--
Aircraft manufacturing	1	1.2	1	1.6	--	--	--	--

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Washington, 2017

Industry <sup>1</sup>	Fatal injuries		Private sector wage and salary workers <sup>2</sup>		Government workers <sup>3</sup>		Self-employed workers <sup>4</sup>	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Service providing</b>	48	57.1	33	52.4	4	100.0	11	64.7
<b>Trade, transportation, and utilities</b>	27	32.1	22	34.9	--	--	4	23.5
<b>Wholesale trade</b>	6	7.1	6	9.5	--	--	--	--
Merchant wholesalers, nondurable goods	4	4.8	4	6.3	--	--	--	--
Grocery and related product wholesalers	3	3.6	3	4.8	--	--	--	--
<b>Retail trade</b>	10	11.9	8	12.7	--	--	--	--
Gasoline stations	2	2.4	--	--	--	--	--	--
Gasoline stations	2	2.4	--	--	--	--	--	--
Gasoline stations with convenience stores	2	2.4	--	--	--	--	--	--
Sporting goods, hobby, book, and music stores	1	1.2	--	--	--	--	1	5.9
Sporting goods, hobby, and musical instrument stores	1	1.2	--	--	--	--	1	5.9
Sporting goods stores	1	1.2	--	--	--	--	1	5.9
General merchandise stores	3	3.6	3	4.8	--	--	--	--
<b>Transportation and warehousing</b>	11	13.1	8	12.7	--	--	--	--
Rail transportation	1	1.2	1	1.6	--	--	--	--
Rail transportation	1	1.2	1	1.6	--	--	--	--
Rail transportation	1	1.2	1	1.6	--	--	--	--
Line-haul railroads	1	1.2	1	1.6	--	--	--	--
Truck transportation	7	8.3	6	9.5	--	--	--	--
Specialized freight trucking	6	7.1	5	7.9	--	--	--	--
Specialized freight (except used goods) trucking, local	4	4.8	3	4.8	--	--	--	--
<b>Financial activities</b>	4	4.8	--	--	--	--	--	--
<b>Real estate and rental and leasing</b>	4	4.8	--	--	--	--	--	--
Real estate	3	3.6	--	--	--	--	--	--
Lessors of real estate	--	--	--	--	--	--	1	5.9
Lessors of residential buildings and dwellings	--	--	--	--	--	--	1	5.9
<b>Professional and business services</b>	8	9.5	5	7.9	--	--	3	17.6
<b>Administrative and waste services</b>	8	9.5	5	7.9	--	--	3	17.6
Administrative and support services	6	7.1	3	4.8	--	--	3	17.6
Services to buildings and dwellings	6	7.1	3	4.8	--	--	3	17.6
Landscaping services	4	4.8	--	--	--	--	3	17.6
<b>Educational and health services</b>	4	4.8	--	--	1	25.0	1	5.9
<b>Educational services</b>	1	1.2	--	--	--	--	1	5.9
Educational services	1	1.2	--	--	--	--	1	5.9
Technical and trade schools	1	1.2	--	--	--	--	1	5.9
Technical and trade schools	1	1.2	--	--	--	--	1	5.9
Flight training	1	1.2	--	--	--	--	1	5.9

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Washington, 2017

Industry <sup>1</sup>	Fatal injuries		Private sector wage and salary workers <sup>2</sup>		Government workers <sup>3</sup>		Self-employed workers <sup>4</sup>	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>Health care and social assistance</b>	3	3.6	--	--	1	25.0	--	--
Hospitals	1	1.2	1	1.6	--	--	--	--
General medical and surgical hospitals	1	1.2	1	1.6	--	--	--	--
General medical and surgical hospitals	1	1.2	1	1.6	--	--	--	--
Nursing and residential care facilities	1	1.2	--	--	1	25.0	--	--
Residential intellectual and developmental disability, mental health, and substance abuse facilities	1	1.2	--	--	1	25.0	--	--
Residential intellectual and developmental disability facilities	1	1.2	--	--	1	25.0	--	--
<b>Leisure and hospitality</b>	1	1.2	1	1.6	--	--	--	--
<b>Arts, entertainment, and recreation</b>	1	1.2	1	1.6	--	--	--	--
Amusement, gambling, and recreation industries	1	1.2	1	1.6	--	--	--	--
Other amusement and recreation industries	1	1.2	1	1.6	--	--	--	--
<b>Other services, except public administration</b>	--	--	--	--	--	--	1	5.9
<b>Other services, except public administration</b>	--	--	--	--	--	--	1	5.9
Repair and maintenance	--	--	--	--	--	--	1	5.9
Commercial machinery repair and maintenance	1	1.2	--	--	--	--	1	5.9
Commercial machinery repair and maintenance	1	1.2	--	--	--	--	1	5.9
<b>Public administration</b>	1	1.2	--	--	1	25.0	--	--
<b>Public administration</b>	1	1.2	--	--	1	25.0	--	--
Administration of environmental quality programs	1	1.2	--	--	1	25.0	--	--
Administration of environmental quality programs	1	1.2	--	--	1	25.0	--	--
Administration of air and water resource and solid waste management programs	1	1.2	--	--	1	25.0	--	--

<sup>1</sup> CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For more information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>.

<sup>2</sup> May include volunteers and workers receiving other types of compensation.

<sup>3</sup> Includes fatal injuries to workers employed by governmental organizations regardless of industry.

<sup>4</sup> 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.

<sup>5</sup> Includes fatal injuries at all establishments categorized as Mining (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.

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. 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, December 18, 2018.



TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry 1 sector, Washington, 2017

Primary source and secondary source <sup>2</sup>	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining <sup>3</sup>	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
Total	84	36	14	15	7	44	26	--	4	8	3	1	1
<b>Primary Source<sup>4</sup></b>													
<b>Machinery</b>	6	6	3	--	--	--	--	--	--	--	--	--	--
Construction, logging, and mining machinery	4	4	--	--	--	--	--	--	--	--	--	--	--
Road grading and surfacing machinery	1	--	--	--	--	--	--	--	--	--	--	--	--
Rollers, compactors--construction	1	--	--	--	--	--	--	--	--	--	--	--	--
<b>Parts and materials</b>	3	3	--	--	1	--	--	--	--	--	--	--	--
Machine, tool, and electric parts	1	1	--	--	1	--	--	--	--	--	--	--	--
Machine and appliance parts	1	1	--	--	1	--	--	--	--	--	--	--	--
Dies, molds, patterns	1	1	--	--	1	--	--	--	--	--	--	--	--
<b>Persons, plants, animals, and minerals</b>	17	1	1	--	--	15	8	--	--	3	1	1	--
Person--injured or ill worker	7	--	--	--	--	7	5	--	--	1	1	--	--
Person--other than injured or ill worker	6	--	--	--	--	5	3	--	--	--	--	--	--
Patient	1	--	--	--	--	--	--	--	--	--	--	--	--
Assailant, suspect, inmate	3	--	--	--	--	3	2	--	1	--	--	--	--
Robber	2	--	--	--	--	2	2	--	--	--	--	--	--
Plants, trees, vegetation--not processed	4	1	1	--	--	3	--	--	--	--	--	1	--
Trees, logs, limbs	4	1	1	--	--	3	--	--	--	--	--	1	--
Trees	3	1	1	--	--	--	--	--	--	--	--	1	--
Limbs, branches--unattached	1	--	--	--	--	1	--	--	--	1	--	--	--
<b>Structures and surfaces</b>	16	12	--	7	3	4	--	--	--	--	--	--	--
Structures other than buildings	6	4	--	--	--	--	--	--	--	--	--	--	--
Scaffolds, staging	3	--	--	--	--	--	--	--	--	--	--	--	--
Other structures	3	--	--	--	--	--	--	--	--	--	--	--	--
Other structural elements	5	5	--	5	--	--	--	--	--	--	--	--	--
Roofs	4	4	--	4	--	--	--	--	--	--	--	--	--
Floors, walkways, ground surfaces	5	3	--	--	1	--	--	--	--	--	--	--	--
Floors	1	1	--	--	1	--	--	--	--	--	--	--	--
Ground	3	--	--	--	--	--	--	--	--	--	--	--	--
<b>Tools, instruments, and equipment</b>	3	3	--	3	--	--	--	--	--	--	--	--	--
Ladders	3	3	--	3	--	--	--	--	--	--	--	--	--
Movable--ladders	3	3	--	3	--	--	--	--	--	--	--	--	--
Step ladders	1	1	--	1	--	--	--	--	--	--	--	--	--
<b>Vehicles</b>	34	9	7	--	--	22	16	--	--	3	1	--	1
Aircraft	1	--	--	--	--	1	--	--	--	--	1	--	--
Airplanes--powered fixed wing	1	--	--	--	--	1	--	--	--	--	1	--	--
Airplane--propeller-driven or piston engine	1	--	--	--	--	1	--	--	--	--	1	--	--
Rail vehicles	1	--	--	--	--	1	1	--	--	--	--	--	--
Train, locomotive, rail car	1	--	--	--	--	1	1	--	--	--	--	--	--
Freight train	1	--	--	--	--	1	1	--	--	--	--	--	--
Water vehicle	3	--	--	--	--	--	--	--	--	--	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry 1 sector, Washington, 2017

Primary source and secondary source <sup>2</sup>	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining <sup>3</sup>	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
Highway vehicles, motorized	24	4	--	--	--	17	13	--	--	3	--	--	--
Passenger vehicle--automobiles, buses, and passenger vans	5	--	--	--	--	3	3	--	--	--	--	--	--
Automobile	3	--	--	--	--	--	--	--	--	--	--	--	--
Trucks--motorized freight hauling and utility	15	--	--	--	--	14	10	--	--	3	--	--	--
Semi, tractor-trailer, tanker truck	9	--	--	--	--	8	8	--	--	--	--	--	--
Boom truck, bucket or basket hoist truck	1	--	--	--	--	1	--	--	--	1	--	--	--
Multi-purpose highway vehicles	4	3	--	--	--	4	--	--	--	--	--	--	--
Pickup truck	3	--	--	--	--	--	--	--	--	--	--	--	--
Off-road or industrial vehicles--powered	5	3	3	--	--	--	--	--	--	--	--	--	1
Tractors, PTOs	--	--	--	--	--	1	--	--	--	--	--	--	1
Farm tractor	--	--	--	--	--	1	--	--	--	--	--	--	1
<b>Other sources</b>	3	--	--	--	--	1	--	--	--	--	--	--	--
Other steam, vapors, liquids, ice	--	--	--	--	--	1	--	--	--	--	--	--	--
Liquids--nonchemical	--	--	--	--	--	1	--	--	--	--	--	--	--
Water	--	--	--	--	--	1	--	--	--	--	--	--	--
<b>Secondary Source<sup>5</sup></b>													
<b>Containers, furniture, and fixtures</b>	1	1	--	--	1	--	--	--	--	--	--	--	--
Furniture and fixtures	1	1	--	--	1	--	--	--	--	--	--	--	--
Cases, cabinets, racks, shelves	1	1	--	--	1	--	--	--	--	--	--	--	--
Shelves, shelving	1	1	--	--	1	--	--	--	--	--	--	--	--
<b>Parts and materials</b>	7	--	--	--	--	6	3	--	--	3	--	--	--
Fasteners, connectors, ropes, ties	5	--	--	--	--	5	--	--	--	3	--	--	--
Ropes, ties, chains	5	--	--	--	--	5	--	--	--	3	--	--	--
Rope, twine, string	4	--	--	--	--	4	--	--	--	2	--	--	--
<b>Persons, plants, animals, and minerals</b>	8	5	4	--	1	3	--	--	--	--	--	--	--
Person--injured or ill worker	3	--	--	--	1	--	--	--	--	--	--	--	--
Bodily conditions of injured, ill worker	3	--	--	--	1	--	--	--	--	--	--	--	--
Plants, trees, vegetation--not processed	5	3	3	--	--	--	--	--	--	--	--	--	--
Trees, logs, limbs	5	3	3	--	--	--	--	--	--	--	--	--	--
Trees	3	--	--	--	--	--	--	--	--	--	--	--	--
<b>Structures and surfaces</b>	24	14	--	9	3	10	4	--	--	--	2	1	1
Buildings--office, plant, residential	1	--	--	--	--	1	--	--	--	--	1	--	--
Medical buildings, except institutional residential	1	--	--	--	--	1	--	--	--	--	1	--	--
Hospital	1	--	--	--	--	1	--	--	--	--	1	--	--
Floors, walkways, ground surfaces	16	11	--	8	--	5	--	--	--	--	--	1	1
Floors	5	5	--	3	--	--	--	--	--	--	--	--	--
Ground	6	3	--	--	--	3	--	--	--	--	--	1	1
Sidewalks, paths, outdoor walkways	3	--	--	--	--	--	--	--	--	--	--	--	--
Sidewalk, path, outdoor walkway-paved	3	--	--	--	--	--	--	--	--	--	--	--	--
Geographical structures	1	--	--	--	--	1	--	--	--	--	1	--	--
Raised natural structures, hills, mountains	1	--	--	--	--	1	--	--	--	--	1	--	--
Mountains	1	--	--	--	--	1	--	--	--	--	1	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry 1 sector, Washington, 2017

Primary source and secondary source <sup>2</sup>	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining <sup>3</sup>	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
<b>Tools, instruments, and equipment</b>	9	--	--	--	--	8	6	--	--	--	--	--	--
Firearms, law enforcement, and other self-defense equipment	6	--	--	--	--	6	4	--	--	--	--	--	--
Firearms	6	--	--	--	--	6	4	--	--	--	--	--	--
Pistol, handgun, revolver	5	--	--	--	--	5	3	--	--	--	--	--	--
<b>Vehicles</b>	12	6	3	--	--	5	5	--	--	--	--	--	--
Highway vehicles, motorized	10	5	--	--	--	4	4	--	--	--	--	--	--
Passenger vehicle--automobiles, buses, and passenger vans	1	1	1	--	--	--	--	--	--	--	--	--	--
Passenger van	1	1	1	--	--	--	--	--	--	--	--	--	--
Trucks--motorized freight hauling and utility	5	--	--	--	--	--	--	--	--	--	--	--	--
Multi-purpose highway vehicles	4	--	--	--	--	--	--	--	--	--	--	--	--
<b>Other sources</b>	--	--	--	--	--	--	1	--	--	--	--	--	--
Environmental and elemental conditions	--	--	--	--	--	--	1	--	--	--	--	--	--
Fire, flame, smoke	1	--	--	--	--	1	1	--	--	--	--	--	--

<sup>1</sup> CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For more information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>.

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

<sup>3</sup> Includes fatal injuries at all establishments categorized as Mining (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.

<sup>4</sup> The primary source of a fatal occupational injury is the object, substance, person, bodily motion, or exposure which most directly led to, produced, or inflicted the injury or illness.

<sup>5</sup> The secondary source of a fatal occupational injury is the object, substance, person, or exposure, other than the source, if any, which most actively generated the source or contributed to the injury or illness.

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, December 18, 2018.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Washington, 2017

Occupation <sup>1</sup>	Total fatal injuries (number)	Event or exposure <sup>2</sup>					
		Violence and other injuries by persons or animals <sup>3</sup>	Transportation incidents <sup>4</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Total	84	13	30	--	26	3	10
<b>Management occupations</b>	2	1	--	--	--	--	--
Other management occupations	2	1	--	--	--	--	--
Farmers, ranchers, and other agricultural managers	1	--	--	--	--	--	--
Farmers, ranchers, and other agricultural managers	1	--	--	--	--	--	--
Property, real estate, and community association managers	1	1	--	--	--	--	--
Property, real estate, and community association managers	1	1	--	--	--	--	--
<b>Building and grounds cleaning and maintenance occupations</b>	5	1	--	--	3	--	--
Grounds maintenance workers	3	1	--	--	2	--	--
Grounds maintenance workers	3	1	--	--	2	--	--
Landscaping and groundskeeping workers	1	1	--	--	--	--	--
Tree trimmers and pruners	1	--	--	--	1	--	--
<b>Sales and related occupations</b>	7	5	--	--	--	--	--
Supervisors of sales workers	3	2	--	--	1	--	--
First-line supervisors of sales workers	3	2	--	--	1	--	--
First-line supervisors of retail sales workers	3	2	--	--	1	--	--
Retail sales workers	3	3	--	--	--	--	--
<b>Office and administrative support occupations</b>	--	--	1	--	--	--	--
Other office and administrative support workers	1	--	1	--	--	--	--
Office clerks, general	1	--	1	--	--	--	--
Office clerks, general	1	--	1	--	--	--	--
<b>Farming, fishing, and forestry occupations</b>	10	--	5	--	--	--	--
Agricultural workers	3	--	--	--	--	--	--
Miscellaneous agricultural workers	3	--	--	--	--	--	--
Farmworkers and laborers, crop, nursery, and greenhouse	3	--	--	--	--	--	--
Fishing and hunting workers	3	--	--	--	--	--	--
Fishers and related fishing workers	3	--	--	--	--	--	--
Fishers and related fishing workers	3	--	--	--	--	--	--
Forest, conservation, and logging workers	3	--	--	--	--	--	--
Logging workers	3	--	--	--	--	--	--
Fallers	1	--	--	--	--	--	1
<b>Construction and extraction occupations</b>	14	--	--	--	11	--	--
Construction trades workers	13	--	--	--	10	--	--
Carpenters	4	--	--	--	4	--	--
Carpenters	4	--	--	--	4	--	--
Construction laborers	1	--	--	--	1	--	--
Construction laborers	1	--	--	--	1	--	--
Construction equipment operators	3	--	--	--	--	--	--
Paving, surfacing, and tamping equipment operators	1	--	1	--	--	--	--

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Washington, 2017

Occupation <sup>1</sup>	Total fatal injuries (number)	Event or exposure <sup>2</sup>					
		Violence and other injuries by persons or animals <sup>3</sup>	Transportation incidents <sup>4</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
<b>Installation, maintenance, and repair occupations</b>	8	--	3	--	3	--	--
Vehicle and mobile equipment mechanics, installers, and repairers	--	--	--	--	1	--	--
Heavy vehicle and mobile equipment service technicians and mechanics	1	--	--	--	1	--	--
Farm equipment mechanics and service technicians	1	--	--	--	1	--	--
Other installation, maintenance, and repair occupations	4	--	--	--	--	--	--
Industrial machinery installation, repair, and maintenance workers	--	--	--	--	--	--	--
Industrial machinery mechanics	1	--	--	--	1	--	--
<b>Production occupations</b>	4	--	--	--	--	--	--
<b>Transportation and material moving occupations</b>	30	--	18	--	3	1	4
Supervisors, transportation and material moving workers	1	--	1	--	--	--	--
First-line supervisors of transportation and material-moving machine and vehicle operators	1	--	1	--	--	--	--
First-line supervisors of transportation and material-moving machine and vehicle operators	1	--	1	--	--	--	--
Air transportation workers	1	--	1	--	--	--	--
Aircraft pilots and flight engineers	1	--	1	--	--	--	--
Commercial pilots	1	--	1	--	--	--	--
Motor vehicle operators	18	--	12	--	--	--	3
Driver/sales workers and truck drivers	18	--	12	--	--	--	3
Heavy and tractor-trailer truck drivers	15	--	9	--	--	--	3
Rail transportation workers	1	--	1	--	--	--	--
Railroad conductors and yardmasters	1	--	1	--	--	--	--
Railroad conductors and yardmasters	1	--	1	--	--	--	--
Material moving workers	7	--	--	--	--	1	--
Laborers and material movers, hand	7	--	--	--	--	1	--
Laborers and freight, stock, and material movers, hand	6	--	--	--	--	1	--

<sup>1</sup> CFOI has used several versions of the Standard Occupation Classification (SOC) system since 2003 to define occupation. For more information on the version of SOC used in this year, see our definitions page at <http://www.bls.gov/iif/oshcfdef.htm>.

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

<sup>3</sup> Includes violence by persons, self-inflicted injury, and attacks by animals.

<sup>4</sup> Includes roadway, nonroadway, air, water, rail fatal occupational injuries, and fatal occupational injuries resulting from being struck by a vehicle.

<sup>5</sup> Includes fatal injuries to persons identified as resident armed forces regardless of individual occupation listed.

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. 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, December 18, 2018.

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Washington, 2017

Occupation <sup>1</sup>	Total fatal injuries (number)	Transportation incidents <sup>2</sup>				Homicides <sup>2</sup>	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Total	84	30	18	3	3	6	4
<b>Management occupations</b>	2	--	--	--	--	1	1
Other management occupations	2	--	--	--	--	1	1
Farmers, ranchers, and other agricultural managers	1	--	--	--	--	--	--
Farmers, ranchers, and other agricultural managers	1	--	--	--	--	--	--
Property, real estate, and community association managers	1	--	--	--	--	1	1
Property, real estate, and community association managers	1	--	--	--	--	1	1
<b>Building and grounds cleaning and maintenance occupations</b>	5	--	--	--	--	--	--
Grounds maintenance workers	3	--	--	--	--	--	--
Grounds maintenance workers	3	--	--	--	--	--	--
Landscaping and groundskeeping workers	1	--	--	--	--	--	--
Tree trimmers and pruners	1	--	--	--	--	--	--
<b>Sales and related occupations</b>	7	--	--	--	--	3	--
Supervisors of sales workers	3	--	--	--	--	1	--
First-line supervisors of sales workers	3	--	--	--	--	1	--
First-line supervisors of retail sales workers	3	--	--	--	--	1	--
Retail sales workers	3	--	--	--	--	--	--
Retail salespersons	--	--	--	--	--	1	1
Retail salespersons	--	--	--	--	--	1	1
<b>Office and administrative support occupations</b>	--	1	1	--	--	--	--
Other office and administrative support workers	1	1	1	--	--	--	--
Office clerks, general	1	1	1	--	--	--	--
Office clerks, general	1	1	1	--	--	--	--
<b>Farming, fishing, and forestry occupations</b>	10	5	--	--	--	--	--
Agricultural workers	3	--	--	--	--	--	--
Miscellaneous agricultural workers	3	--	--	--	--	--	--
Farmworkers and laborers, crop, nursery, and greenhouse	3	--	--	--	--	--	--
Fishing and hunting workers	3	--	--	--	--	--	--
Fishers and related fishing workers	3	--	--	--	--	--	--
Fishers and related fishing workers	3	--	--	--	--	--	--
Forest, conservation, and logging workers	3	--	--	--	--	--	--
Logging workers	3	--	--	--	--	--	--
Fallers	1	--	--	--	--	--	--
<b>Construction and extraction occupations</b>	14	--	--	1	--	--	--
Construction trades workers	13	--	--	1	--	--	--
Carpenters	4	--	--	--	--	--	--
Carpenters	4	--	--	--	--	--	--
Construction laborers	1	--	--	--	--	--	--
Construction laborers	1	--	--	--	--	--	--

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Washington, 2017

Occupation <sup>1</sup>	Total fatal injuries (number)	Transportation incidents <sup>2</sup>				Homicides <sup>2</sup>	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Construction equipment operators	3	--	--	1	--	--	--
Paving, surfacing, and tamping equipment operators	1	1	--	1	--	--	--
<b>Installation, maintenance, and repair occupations</b>	8	3	--	--	--	--	--
Vehicle and mobile equipment mechanics, installers, and repairers	--	--	--	--	--	--	--
Heavy vehicle and mobile equipment service technicians and mechanics	1	--	--	--	--	--	--
Farm equipment mechanics and service technicians	1	--	--	--	--	--	--
Other installation, maintenance, and repair occupations	4	--	--	--	--	--	--
Industrial machinery installation, repair, and maintenance workers	--	--	--	--	--	--	--
Industrial machinery mechanics	1	--	--	--	--	--	--
<b>Production occupations</b>	4	--	--	--	--	--	--
<b>Transportation and material moving occupations</b>	30	18	12	--	--	--	--
Supervisors, transportation and material moving workers	1	1	--	--	1	--	--
First-line supervisors of transportation and material-moving machine and vehicle operators	1	1	--	--	1	--	--
First-line supervisors of transportation and material-moving machine and vehicle operators	1	1	--	--	1	--	--
Air transportation workers	1	1	--	--	--	--	--
Aircraft pilots and flight engineers	1	1	--	--	--	--	--
Commercial pilots	1	1	--	--	--	--	--
Motor vehicle operators	18	12	11	--	--	--	--
Driver/sales workers and truck drivers	18	12	11	--	--	--	--
Heavy and tractor-trailer truck drivers	15	9	8	--	--	--	--
Rail transportation workers	1	1	--	--	--	--	--
Railroad conductors and yardmasters	1	1	--	--	--	--	--
Railroad conductors and yardmasters	1	1	--	--	--	--	--
Material moving workers	7	--	--	--	--	--	--
Laborers and material movers, hand	7	--	--	--	--	--	--
Laborers and freight, stock, and material movers, hand	6	--	--	--	--	--	--

<sup>1</sup> CFOI has used several versions of the Standard Occupation Classification (SOC) system since 2003 to define occupation. For more information on the version of SOC used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>.

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

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

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. 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, December 18, 2018.

Table A-7. Fatal occupational injuries by worker characteristics and event or exposure, Washington, 2017

Worker characteristics	Total fatal injuries (number)	Event or exposure <sup>1</sup>					
		Transportation incidents <sup>2</sup>	Violence and other injuries by persons or animals <sup>3</sup>	Contact with objects and equipment	Falls, slips, trips	Exposure to harmful substances or environments	Fires and explosions
Total	84	30	13	10	26	3	--
<b>Employee status</b>							
Wage and salary <sup>4</sup>	67	25	9	8	21	--	--
Self-employed <sup>5</sup>	17	5	4	--	5	--	--
<b>Gender</b>							
Women	4	1	2	1	--	--	--
Men	80	29	11	9	26	3	1
<b>Age</b>							
Under 16 years	--	--	--	--	--	--	--
16 to 17 years	--	--	--	--	--	--	--
18 to 19 years	1	1	--	--	--	--	--
20 to 24 years	3	1	1	--	1	--	--
25 to 34 years	14	5	3	3	--	1	--
35 to 44 years	11	5	1	--	4	1	--
45 to 54 years	15	4	5	3	2	--	--
55 to 64 years	24	8	2	3	9	1	1
65 years and over	16	6	1	--	8	--	--
<b>Race or ethnic origin<sup>6</sup></b>							
White (non-Hispanic)	62	21	11	7	20	2	1
Black or African-American (non-Hispanic)	4	2	1	--	--	--	--
Hispanic or Latino	9	3	--	--	4	--	--
American Indian or Alaska Native (non-Hispanic)	4	2	--	--	1	1	--
Asian (non-Hispanic)	1	--	1	--	--	--	--
Native Hawaiian or Pacific Islander (non-Hispanic)	3	1	--	1	1	--	--

<sup>1</sup> Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

<sup>2</sup> Includes roadway, nonroadway, air, water, rail fatal occupational injuries, and fatal occupational injuries resulting from being struck by a vehicle.

<sup>3</sup> Includes violence by persons, self-inflicted injury, and attacks by animals.

<sup>4</sup> May include volunteers and workers receiving other types of compensation.

<sup>5</sup> 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.

<sup>6</sup> Persons identified as Hispanic or Latino may be of any race. The race categories shown exclude data for Hispanics and Latinos.

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. 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, December 18, 2018.



TABLE A-8. Fatal occupational injuries by event or exposure and age, Washington, 2017

Event or exposure <sup>1</sup>	Total fatal injuries (number)	Age								
		Under 16 years	16-17 years	18-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 years and over
Total	84	--	--	1	3	14	11	15	24	16
<b>Violence and other injuries by persons or animals</b>	13	--	--	--	1	3	1	5	2	1
Intentional injury by person	13	--	--	--	1	3	1	5	2	1
Homicides (Intentional injury by other person)	6	--	--	--	--	1	1	3	1	--
Shooting by other person--intentional	4	--	--	--	--	1	--	2	1	--
Hitting, kicking, beating, shoving	1	--	--	--	--	--	1	--	--	--
Multiple violent acts by other person	1	--	--	--	--	--	--	1	--	--
Suicides (Self-inflicted injury--intentional)	7	--	--	--	1	2	--	2	1	1
Shooting--intentional self-harm	--	--	--	--	--	--	--	1	--	1
Hanging, strangulation, asphyxiation--intentional self-harm	--	--	--	--	--	1	--	1	--	--
Jumping from building or other structure--intentional self-harm	1	--	--	--	1	--	--	--	--	--
Cutting, stabbing--intentional self-harm	--	--	--	--	--	1	--	--	--	--
<b>Transportation incidents</b>	30	--	--	1	1	5	5	4	8	6
Aircraft incidents	1	--	--	--	--	--	--	--	--	1
Other in-flight crash	1	--	--	--	--	--	--	--	--	1
Other in-flight crash into structure, object, or ground	1	--	--	--	--	--	--	--	--	1
Rail vehicle incidents	--	--	--	--	--	--	--	1	--	1
Collision between rail vehicle and another vehicle	--	--	--	--	--	--	--	--	--	1
Collision between rail and roadway vehicles	--	--	--	--	--	--	--	--	--	1
Fall or jump from and struck by rail vehicle --transportation incident	1	--	--	--	--	--	--	1	--	--
Pedestrian vehicular incident	3	--	--	--	--	1	--	--	2	--
Pedestrian struck by vehicle in nonroadway area	--	--	--	--	--	1	--	--	1	--
Pedestrian struck by forward-moving vehicle in roadway area	--	--	--	--	--	--	--	--	1	--
Pedestrian struck by vehicle backing up in nonroadway area	--	--	--	--	--	1	--	--	--	--
Water vehicle incidents	3	--	--	--	--	--	1	1	--	1
Fall or jump from water vehicle	--	--	--	--	--	--	--	1	--	--
Fall on water vehicle	--	--	--	--	--	--	--	--	--	1
Roadway incidents involving motorized land vehicle	18	--	--	1	1	3	4	2	5	--
Roadway collision with other vehicle	9	--	--	--	1	1	--	1	3	--
Roadway collision--moving in opposite directions, oncoming	6	--	--	--	1	1	1	--	3	--
Roadway collision--moving and standing vehicle in roadway	--	--	--	--	--	--	--	1	--	--
Roadway collision with object other than vehicle	4	--	--	--	--	--	2	1	1	--
Vehicle struck object or animal on side of roadway	4	--	--	--	--	--	2	1	1	--
Roadway noncollision incident	5	--	--	1	--	--	--	--	1	--
Jack-knifed or overturned, roadway	5	--	--	1	--	--	--	--	1	--
Nonroadway incident involving motorized land vehicles	3	--	--	--	--	1	--	--	1	1
Nonroadway collision with object other than vehicle	--	--	--	--	--	1	--	--	--	--
Nonroadway noncollision incident	--	--	--	--	--	--	--	--	1	1
Jack-knifed or overturned, nonroadway	--	--	--	--	--	--	--	--	1	--
Fall or jump from and struck by same vehicle in normal operation, nonroadway	1	--	--	--	--	--	--	--	--	1

TABLE A-8. Fatal occupational injuries by event or exposure and age, Washington, 2017

Event or exposure <sup>1</sup>	Total fatal injuries (number)	Age								
		Under 16 years	16-17 years	18-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 years and over
<b>Fires and explosions</b>	--	--	--	--	--	--	--	--	1	--
Explosions	--	--	--	--	--	--	--	--	1	--
Explosion of pressure vessel, piping, or tire	--	--	--	--	--	--	--	--	1	--
<b>Falls, slips, trips</b>	26	--	--	--	1	--	4	2	9	8
Falls on same level	6	--	--	--	--	--	--	--	1	4
Falls to lower level	20	--	--	--	1	--	3	2	8	4
Fall from collapsing structure or equipment	1	--	--	--	--	--	1	--	--	--
Fall from collapsing structure or equipment 21 to 25 feet	1	--	--	--	--	--	1	--	--	--
Fall through surface or existing opening	5	--	--	--	1	--	--	1	1	--
Fall through surface or existing opening 26 to 30 feet	--	--	--	--	--	--	--	1	1	--
Fall through surface or existing opening more than 30 feet	--	--	--	--	1	--	--	--	--	--
Other fall to lower level	14	--	--	--	--	--	2	1	7	4
Other fall to lower level less than 6 feet	1	--	--	--	--	--	--	--	--	1
Other fall to lower level 6 to 10 feet	--	--	--	--	--	--	--	--	--	2
Other fall to lower level 11 to 15 feet	--	--	--	--	--	--	--	--	--	1
Other fall to lower level 16 to 20 feet	6	--	--	--	--	--	2	1	3	--
Other fall to lower level more than 30 feet	--	--	--	--	--	--	--	--	1	--
<b>Exposure to harmful substances or environments</b>	3	--	--	-	--	1	1	--	1	--
Exposure to temperature extremes	--	--	--	--	--	1	--	--	--	--
Exposure to environmental cold	--	--	--	--	--	1	--	--	--	--
Exposure to oxygen deficiency, n.e.c.	--	--	--	--	--	--	1	--	1	--
Drowning, submersion, n.e.c.	--	--	--	--	--	--	1	--	1	--
<b>Contact with objects and equipment</b>	10	--	--	--	--	3	--	3	3	--
Struck by object or equipment	9	--	--	--	--	3	--	3	2	--
Struck by powered vehicle--nontransport	4	--	--	--	--	1	--	--	1	--
Caught between rolling powered vehicle and other object	--	--	--	--	--	1	--	--	--	--
Struck by falling part of powered vehicle still attached	--	--	--	--	--	--	--	--	1	--
Struck by other falling powered vehicle	--	--	--	--	--	--	--	1	--	--
Struck by falling object or equipment--other than powered vehicle	4	--	--	--	--	1	--	--	1	--
Struck by swinging or slipping object, other than handheld	--	--	--	--	--	1	--	--	--	--
Caught in or compressed by equipment or objects	--	--	--	--	--	--	--	--	1	--

<sup>1</sup> Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

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, December 18, 2018.

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry 1 sector, Washington, 2017

Event or exposure <sup>2</sup>	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining <sup>3</sup>	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
Total	84	36	14	15	7	44	26	--	4	8	3	1	1
<b>Violence and other injuries by persons or animals</b>	13	--	--	--	--	12	8	--	--	1	1	--	--
Intentional injury by person	13	--	--	--	--	12	8	--	--	1	1	--	--
Homicides (Intentional injury by other person)	6	--	--	--	--	5	3	--	--	--	--	--	--
Shooting by other person-- intentional	4	--	--	--	--	4	--	--	--	--	--	--	--
Hitting, kicking, beating, shoving	1	--	--	--	--	--	--	--	--	--	--	--	--
Multiple violent acts by other person	1	--	--	--	--	1	1	--	--	--	--	--	--
Suicides (Self-inflicted injury -- intentional)	7	--	--	--	--	7	5	--	--	1	1	--	--
Hanging, strangulation, asphyxiation-- intentional self-harm	--	--	--	--	--	--	--	--	--	1	--	--	--
Jumping from building or other structure-- intentional self-harm	1	--	--	--	--	1	--	--	--	--	1	--	--
<b>Transportation incidents</b>	30	11	7	3	--	16	13	--	--	--	1	--	--
Aircraft incidents	1	--	--	--	--	1	--	--	--	--	1	--	--
Other in-flight crash	1	--	--	--	--	1	--	--	--	--	1	--	--
Other in-flight crash into structure, object, or ground	1	--	--	--	--	1	--	--	--	--	1	--	--
Rail vehicle incidents	--	--	--	--	--	--	--	--	--	--	--	--	--
Fall or jump from and struck by rail vehicle-- transportation incident	1	--	--	--	--	1	1	--	--	--	--	--	--
Pedestrian vehicular incident	3	1	--	1	--	--	--	--	--	--	--	--	--
Water vehicle incidents	3	--	--	--	--	--	--	--	--	--	--	--	--
Roadway incidents involving motorized land vehicle	18	5	3	--	--	11	9	--	--	--	--	--	--
Roadway collision with other vehicle	9	4	--	--	--	4	4	--	--	--	--	--	--
Roadway collision--moving in opposite directions, oncoming	6	--	--	--	--	--	--	--	--	--	--	--	--
Roadway collision with object other than vehicle	4	--	--	--	--	3	--	--	--	--	--	--	--
Vehicle struck object or animal on side of roadway	4	--	--	--	--	3	--	--	--	--	--	--	--
Roadway noncollision incident	5	--	--	--	--	4	3	--	--	--	--	--	--
Jack-knifed or overturned, roadway	5	--	--	--	--	4	3	--	--	--	--	--	--
Nonroadway incident involving motorized land vehicles	3	3	--	--	--	--	--	--	--	--	--	--	--
Nonroadway noncollision incident	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry 1 sector, Washington, 2017

Event or exposure <sup>2</sup>	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining <sup>3</sup>	Construction	Manufacturing	Total service providing	Trade, transportation and utilities	Information	Financial activities	Professional and business services	Educational and health services	Leisure and hospitality	Other services
Fall or jump from and struck by same vehicle in normal operation, nonroadway	1	--	--	--	--	--	--	--	--	--	--	--	--
<b>Falls, slips, trips</b>	26	17	3	10	4	9	3	--	--	--	--	1	1
Falls on same level	6	3	--	--	1	3	--	--	--	--	--	--	--
Falls to lower level	20	14	--	10	3	6	--	--	--	--	--	1	1
Fall from collapsing structure or equipment	1	--	--	--	--	1	--	--	--	--	--	1	--
Fall from collapsing structure or equipment 21 to 25 feet	1	--	--	--	--	1	--	--	--	--	--	1	--
Fall through surface or existing opening	5	4	--	4	--	--	--	--	--	--	--	--	--
Other fall to lower level	14	10	--	6	3	4	--	--	--	1	--	--	1
Other fall to lower level less than 6 feet	1	--	--	--	--	1	--	--	--	--	--	--	1
Other fall to lower level 16 to 20 feet	6	5	--	3	--	1	--	--	--	1	--	--	--
<b>Exposure to harmful substances or environments</b>	3	--	--	--	--	1	--	--	--	--	--	--	--
Exposure to oxygen deficiency, n.e.c.	--	--	--	--	--	1	--	--	--	--	--	--	--
Drowning, submersion, n.e.c.	--	--	--	--	--	1	--	--	--	--	--	--	--
<b>Contact with objects and equipment</b>	10	6	3	--	1	4	--	--	--	3	--	--	--
Struck by object or equipment	9	6	3	--	1	3	--	--	--	3	--	--	--
Struck by powered vehicle--nontransport	4	3	--	--	--	--	--	--	--	--	--	--	--
Struck by falling object or equipment--other than powered vehicle	4	2	1	--	1	--	--	--	--	--	--	--	--

<sup>1</sup> CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For more information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcfdef.htm>.

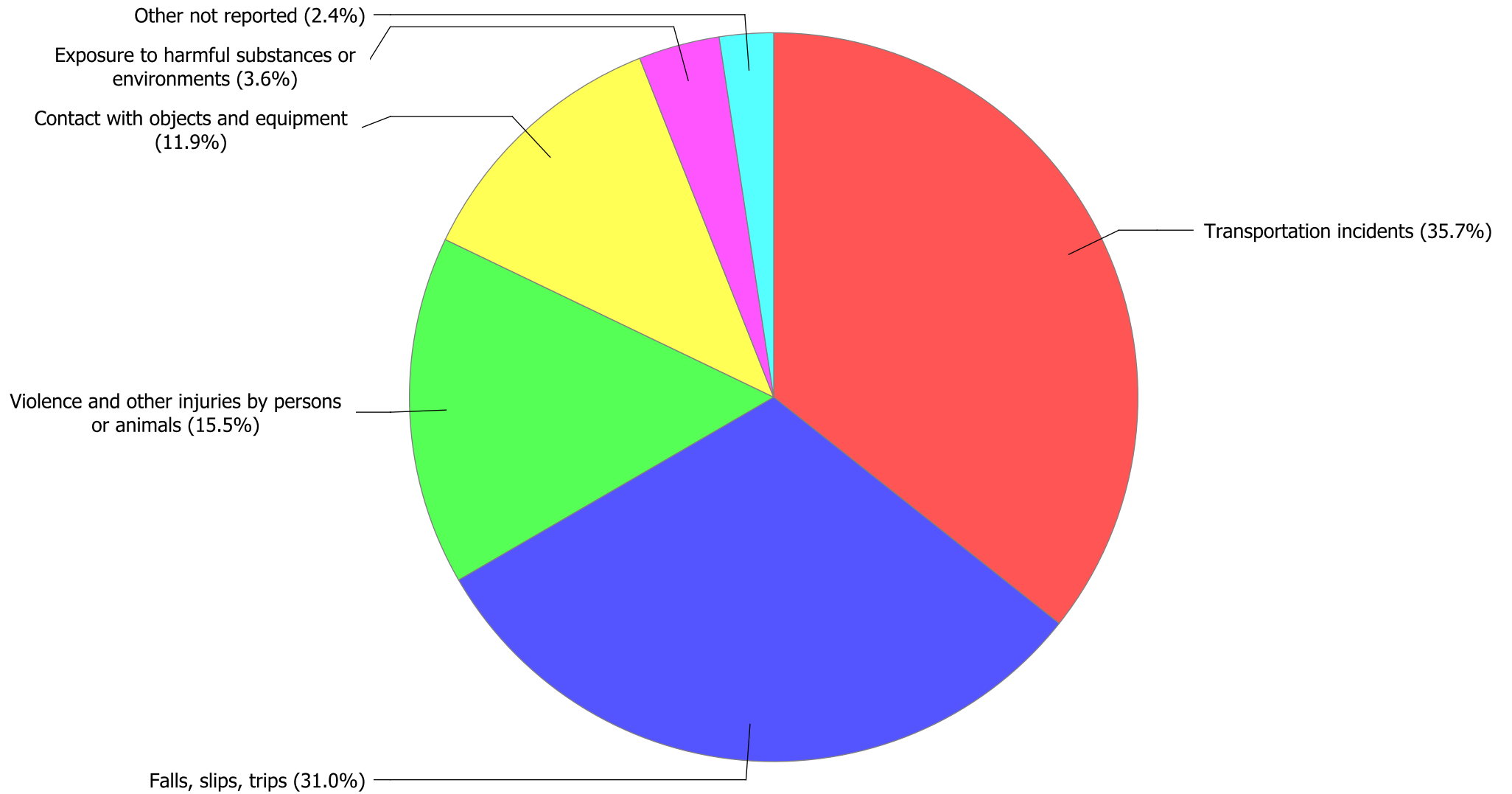
<sup>2</sup> Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

<sup>3</sup> Includes fatal injuries at all establishments categorized as Mining (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.

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. CFOI fatal injury counts exclude illness-related deaths unless precipitated by an injury event.

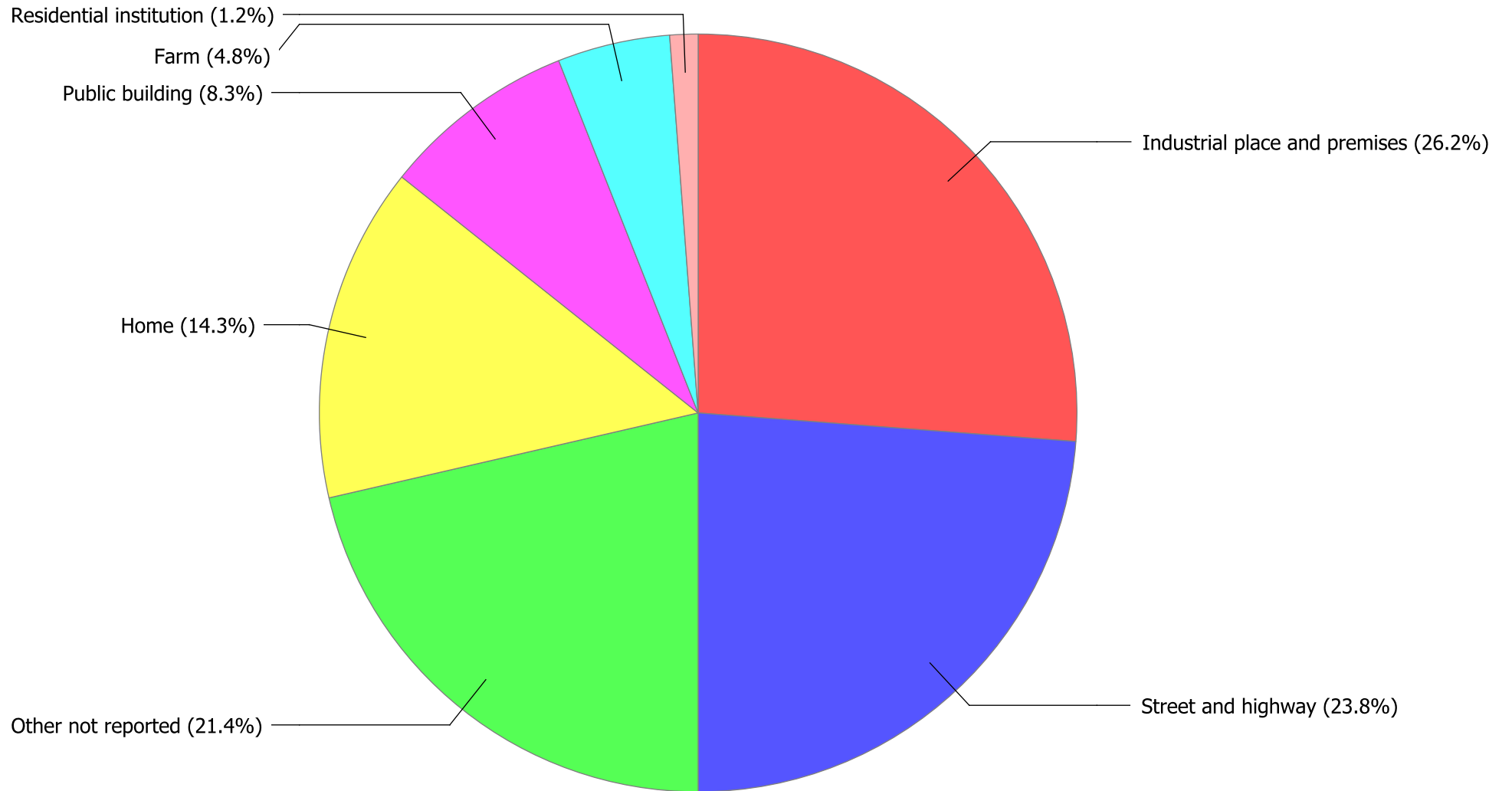
Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with state, New York City, District of Columbia, and federal agencies, Census of Fatal Occupational Injuries, December 18, 2018.

Workplace fatal injuries by event or exposure, all ownerships, Washington, 2017 (84 total fatal injuries)



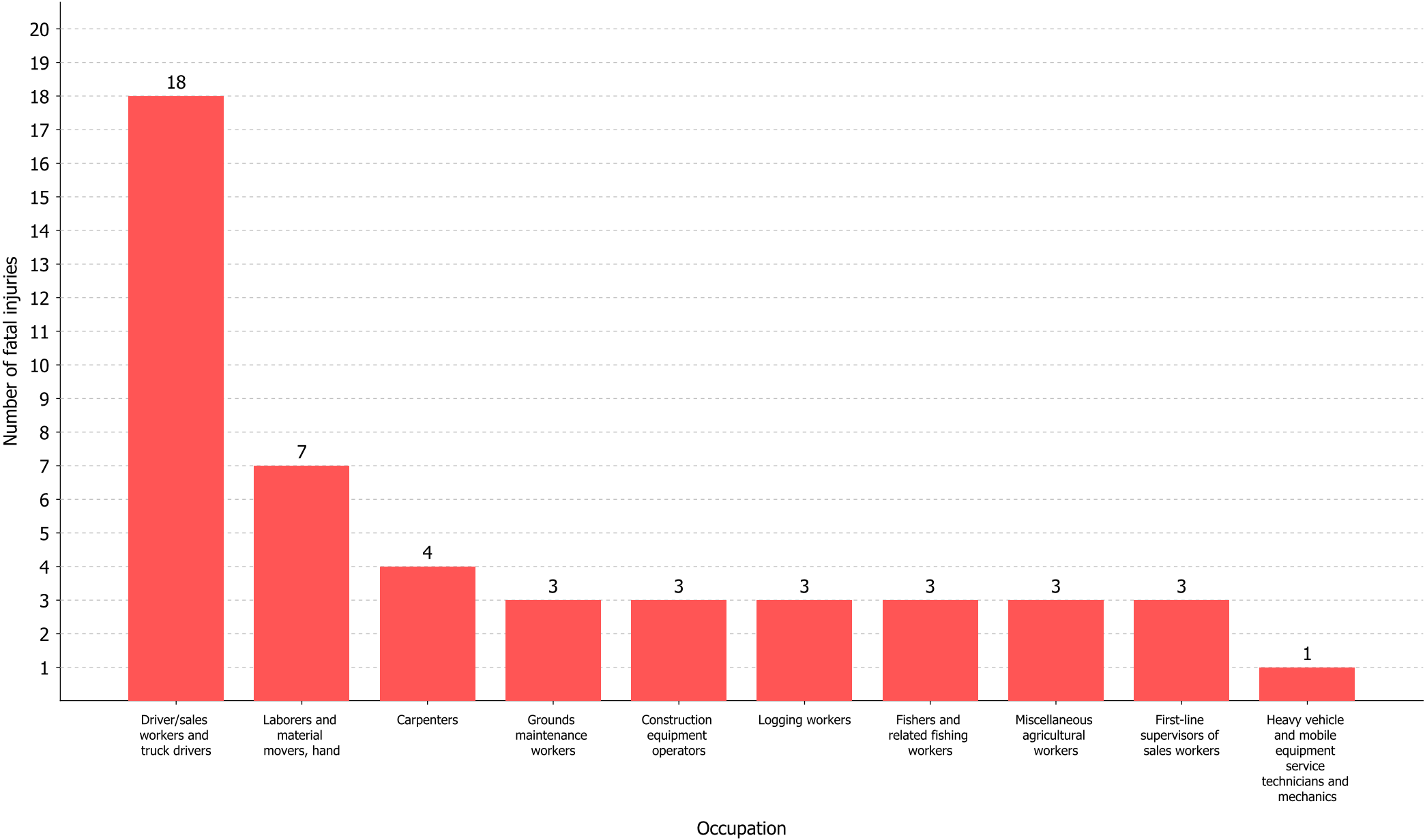
[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2018]

Fatal work injuries by location, all ownerships, Washington, 2017 (84 total fatal injuries)



[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2018]

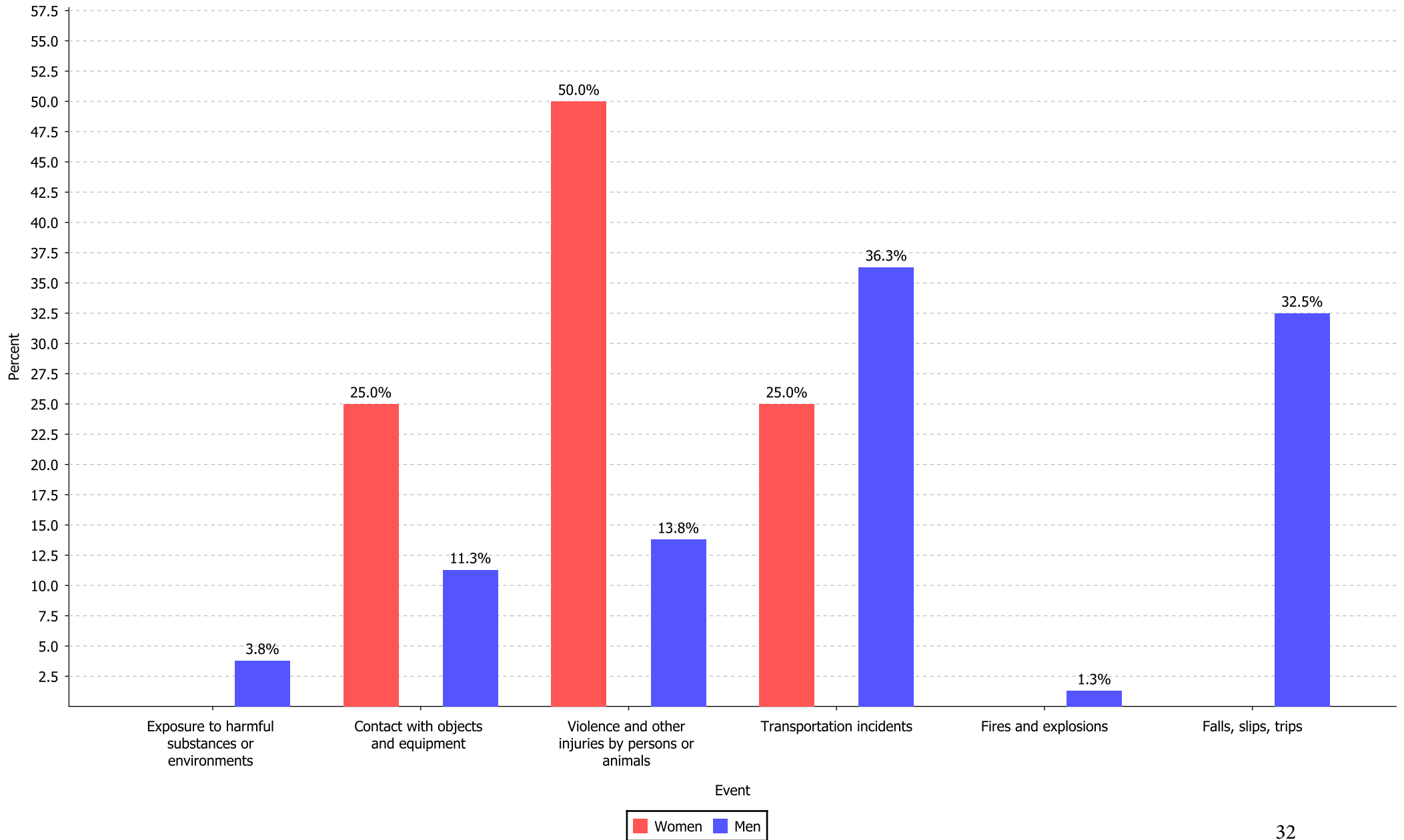
Occupations with the largest number of worker fatal injuries, all ownerships, Washington, 2017 (84 total fatal injuries)



[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2018]

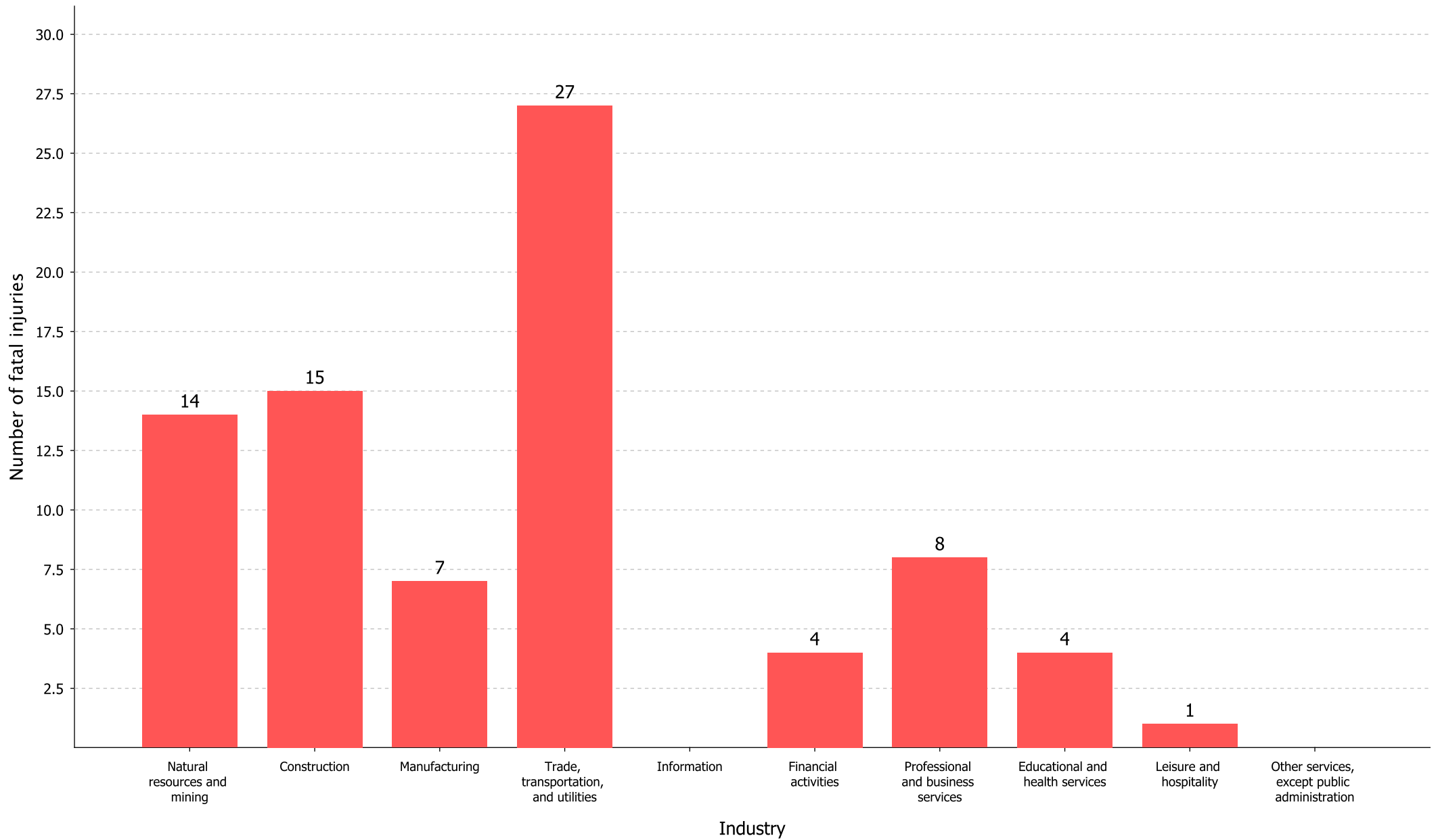
# Fatal work injuries varied between men and women, all ownerships, Washington, 2017 (80 men, 4 women)

[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2018]





Fatal work injuries in selected industries, all ownerships, Washington, 2017 (84 total fatal injuries)



[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2018]