

Census of Fatal Occupational Injuries Washington State 2023

Washington State Department of Labor and Industries Research and Data Services	<i>In cooperation with the</i> U.S. Department of Labor
Bureau of Labor Statistics Information	Bureau of Labor Statistics
PO Box 44631	Office of Safety, Health & Working Conditions
Olympia, Washington	Washington, District of Columbia

					Event or e	exposure ²		
Industry ¹	NAICS code ¹	Total fatal injuries (number)	Violent acts ³	Transportation incidents ⁴	Explosions and fires	Falls, slips, trips	Exposure to harmful substances, environments	Contact incidents
Total		97	17	20		21	24	
Private industry		89	14	19		20	22	
Goods producing								
Natural resources and mining				6				
Agriculture, Forestry, Fishing and Hunting		15		6				
Crop Production	111	7		4				
Fruit and Tree Nut Farming	1113	5						
Forestry and Logging	113	4						
Logging	1133	4						
Logging	11331	4						
Fishing, Hunting and Trapping	114	1						
Fishing	1141	1						
Fishing	11411	1						
Shellfish Fishing	114112	1						
Construction		16				6	4	
Construction		16				6	4	
Specialty trade contractors	238	9				4		
Foundation, structure, and building exterior contractors	2381	3						
Other specialty trade contractors	2389	3						
Manufacturing		6					3	
Manufacturing		6					3	

Service providing					 		
Trade, transportation, and utilities		26	7		 4	7	
Wholesale Trade		3			 		
Merchant Wholesalers, Nondurable Goods	424	3			 		
Retail Trade		6	4		 		
Transportation and Warehousing		17	3	6	 4	4	
Truck Transportation	484	10			 		
General Freight Trucking	4841				 		
Transit and Ground Passenger Transportation	485				 		
Support Activities for Transportation	488	4			 		
Professional and business services					 		
Administrative and Support and Waste Management and Remediation Services		7			 		
Administrative and Support Services	561	7			 		
Educational and health services		5			 		
Health Care and Social Assistance		5			 		
Ambulatory Health Care Services	621	3			 		
Leisure and hospitality			5	1	 	3	
Accommodation and Food Services		9	5	1	 	3	
Accommodation	721	1		1	 		
Traveler Accommodation	7211	1			 		.]
Food Services and Drinking Places	722		5		 	. 3	
Restaurants and Other Eating Places	7225				 		
Restaurants and Other Eating Places	72251				 		

Government ⁶		8	3	1	 	
Federal government		2	1	1	 	
Service providing					 	
Public administration		2	1	1	 	
Public Administration		2	1	1	 	
Administration of Economic Programs	926	1		1	 	
Administration of Economic Programs	9261	1		1	 	
Regulation of Agricultural Marketing and Commodities	92614	1		1	 	
National Security and International Affairs	928	1	1		 	
National Security and International Affairs	9281	1	1		 	
State government		3			 	
Local government		3			 	
	1	1				

¹ CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For complete information on the version of NAICS used in this year, see our definitions page at https://www.bls.gov/opub/hom/cfoi/concepts.htm#north-american-industry-classification-system-naics. Cases where ownership is unknown are included in private industry counts. Cases classified as foreign government and other government are included in all government counts, but not displayed separately. Cases where industry is unknown are included in the service sector counts.

Based on the BLS Occupational Injury and Illness Classification System (OIICS) 3.02 implemented for 2023 data forward.

Includes violence by persons and self-inflicted injury.

Includes roadway, nonroadway, air, water, rail fatal occupational injuries, and fatal occupational injuries resulting from being struck by a vehicle.

⁵ 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.

⁶ 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. For complete information on how the data are coded and presented see our definitions page at https://www.bls.gov/iif/definitions/census-of-fatal-occupational-injuries-definitions.htm. Dashes indicate no data reported or data that do not meet publication criteria. N.e.c. means "not elsewhere classified." CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Washington, 2023

Occupation ¹	Total fatal injuries (number)	Violent acts ³	Transportation incidents ⁴	Explosions and fires	Falls, slips, trips	Exposure to harmful substances, environments	Contact incidents
Total	97	17	20		21	24	
Management occupations	5		1				
Healthcare practitioners and technical occupations	3						
Food preparation and serving related occupations	5						
Building and grounds cleaning and maintenance occupations	7						
Grounds maintenance workers	6						
Grounds maintenance workers	6						
Tree trimmers and pruners	4						
Personal care and service occupations	1		1				
Tour and travel guides	1						
Tour and travel guides	1						
Travel guides	1						
Sales and related occupations	5	3					
Farming, fishing, and forestry occupations	11		5				
Agricultural workers	6		4				
Miscellaneous agricultural workers	5		3				
Fishing and hunting workers	1		1				
Fishing and hunting workers	1		1				
Fishing and hunting workers	1		1				
Forest, conservation, and logging workers	4						
Logging workers	4						-
Construction and extraction occupations	15				6	4	-
Supervisors of construction and extraction workers	3						

First-line supervisors of construction trades and extraction workers First-line supervisors of construction trades and extraction workers	3	 	 		
Construction trades workers	12	 	 6		
Carpenters	3	 	 		
Carpenters	3	 	 		
Construction laborers	4	 	 		
Construction laborers	4	 	 		
Construction equipment operators	1	 	 		
Operating engineers and other construction equipment operators	1	 	 		
Installation, maintenance, and repair occupations	8	 	 		
Production occupations	4	 	 		
Transportation and material moving occupations	24	 6	 5	7	
Motor vehicle operators	15	 	 	3	
Driver/sales workers and truck drivers	12	 	 	3	
Heavy and tractor-trailer truck drivers	9	 	 		
Passenger vehicle drivers	3	 	 		
Water transportation workers	1	 	 		
Sailors and marine oilers	1	 	 		
Sailors and marine oilers	1	 	 		
Material moving workers	5	 	 		

¹ CFOI has used several versions of the Standard Occupation Classification (SOC) system since 2003 to define occupation. For complete information on the version of SOC used in this year, see our definitions page at https://www.bls.gov/opub/hom/cfoi/concepts.htm#standard-occupational-classification-soc. Cases where occupation is unknown are included in the total.

² Based on the BLS Occupational Injury and Illness Classification System (OIICS) 3.02 implemented for 2023 data forward.

³ Includes violence by persons and self-inflicted injury.

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

⁵ 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. For complete information on how the data are coded and presented see our definitions page at https://www.bls.gov/iif/definitions/census-of-fatal-occupational-injuries-definitions.htm. Dashes indicate no data reported or data that do not meet publication criteria. N.e.c. means "not elsewhere classified." CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event.

Table A-7. Fatal occupational injuries by worker characteristics and event or exposure, Washington, 2023

		Event or exposure ¹							
Worker characteristics	Total fatal injuries (number)	Transportation incidents ²	Violent acts ³	Contact incidents	Falls, slips, trips	Exposure to harmful substances, environments	Explosions and fires		
All	97	20	17		21	24			
Employee status									
Wage and salary ⁴ Self-employed ⁵	79 18	14 6	10 7						
Gender									
Women Men	12 85				4 17	5 19			
Age									
Under 16 years									
16 to 17 years									
18 to 19 years									
20 to 24 years									
25 to 34 years	15		5						
35 to 44 years	23	3				10			
45 to 54 years	23	5			5	4			
55 to 64 years 65 years and over	19 15	4			5				
		Ĵ							

Race or ethnic origin ⁶								
White, non-Hispanic, Total	59	14	5		15	13		
Black or African-	5							
American, non-Hispanic, Total								
Hispanic or Latino, Total	17	3			5	4		
American Indian or								
Alaska Native, non- Hispanic. Total								
Asian, non-Hispanic, Total	5		5					
Native Hawaiian or								
Pacific Islander, non- Hispanic, Total								
-	ational Injury and Illness Clas	sification System (OIIC	5) 3.02 implemented	for 2023 data forv	vard.			
² Includes roadway, nonroadway, air, water, rail fatal occupational injuries, and fatal occupational injuries resulting from being struck by a vehicle.								
³ Includes violence by pers	sons and self-inflicted injury.							

⁴ May include volunteers and workers receiving other types of compensation. Cases where employment status is unknown are included in the counts of wage and salary workers.

⁵ 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.

⁶ Persons identified as Hispanic or Latino may be of any race. The race categories shown exclude data for Hispanic and Latino workers. Cases where ethnicity is unknown are included in counts of non-Hispanic workers.

Note: Data for all years are revised and final. Totals for major categories may include subcategories not shown separately. For complete information on how the data are coded and presented see our definitions page at https://www.bls.gov/iif/definitions/census-of-fatal-occupational-injuries-definitions.htm. Dashes indicate no data reported or data that do not meet publication criteria. N.e.c. means "not elsewhere classified." CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event.

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry ¹ sector, Washington, 2023

			Goods	producing					Service	providing			
Event or exposure ²	Total fatal injuries (number)	Total goods producing	Natural resources and mining ³	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	97			16	6		26				5		
Violent acts	17						7					5	
Violent acts by other person	9												
Intentional self-harm	8												
Intentional self-harm shooting	3												
Intentional self-harm hanging, strangulation, asphyxiation	3												
Transportation incidents	20		6									1	
Water vehicle incidents	3		1										
Pedestrian incidents involving motorized land vehicles	3												
Pedestrian struck by vehicle in nonroadway area	3												
Roadway incidents involving motorized land vehicle	11		3										
Roadway collision with other vehicle(s)	4												
Roadway collision with object other than vehicle	3												
Collision with object or animal on side of roadway	3												
Roadway noncollision incident	4												
Falls, slips, trips	21			6			4						
Fall to lower level	17			6									
Other fall to lower level	14			4									
Other fall to lower level— 6 to 30 feet	6												
Other fall to lower level— more than 30 feet	5												
Slip, trip, stumble or fall on same level	4												
Exposure to harmful substances, environments	24			4	3		7					3	
Exposure to harmful substances	21						7					3	

¹ CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For complete information on the version of NAICS used in this year, see our definitions page at https://www.bls.gov/opub/hom/cfoi/concepts.htm#north-american-industry-classification-system-naics. Cases where ownership is unknown are included in private industry counts. Cases classified as foreign government and other government are included in all government counts, but not displayed separately. Cases where industry is unknown are included in the service sector counts.

² Based on the BLS Occupational Injury and Illness Classification System (OIICS) 3.02 implemented for 2023 data forward.

³ 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. For complete information on how the data are coded and presented see our definitions page at https://www.bls.gov/iif/definitions/censusof-fatal-occupational-injuries-definitions.htm. Dashes indicate no data reported or data that do not meet publication criteria. N.e.c. means "not elsewhere classified." CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event.

Fatal occupational injuries by selected worker characteristics and selected industry, all ownerships, Washington, 2023

Characteristic	All Industries ¹	All workers (code 000000)
Total:	97	9
Employee status:		
Wage and salary ²	79	7
Self-employed ³	18	1
Gender:		
Women	12	1
Men	85	8
Age:		
Under 16 years		
16 to 17 years		
18 to 19 years		
20 to 24 years	2	
25 to 34 years	15	1
35 to 44 years	23	2
45 to 54 years	23	2
55 to 64 years	19	1
65 years and over	15	1
Race or ethnic origin ⁴ :		
White, non-Hispanic, Total	59	5
Black or African-American, non-Hispanic, Total	5	
Hispanic or Latino, Total	17	1
American Indian or Alaska Native, non-Hispanic, Total		
Asian, non-Hispanic, Total	5	
Native Hawaiian or Pacific Islander, non-Hispanic, Total		
Person of multiple races, non-Hispanic, Total	5	
Other or not reported, non-Hispanic, Total		
Event or exposure ⁵ :		
Violent acts	17	1
Homicides (Violent acts by other person)	9	
Shooting by other person		
Suicides (Intentional self-harm)	8	
Transportation incidents	20	2

Aircraft incidents		
Pedestrian incidents involving motorized land vehicles	3	3
Roadway incidents involving motorized land vehicle	11	11
Roadway collision with other vehicle(s)	4	4
Roadway noncollision incident	4	4
Nonroadway incidents involving motorized land vehicles		
Nonroadway noncollision incident		
Nonroadway noncollision— vehicle overturn		
Explosions and fires		
Falls, slips, trips	21	21
Fall to lower level	17	17
Fall to lower level from collapsing structure or equipment		
Fall to lower level resulting from exposure or contact		
Fall to lower level resulting in exposure or contact		
Other fall to lower level	14	14
Slip, trip, stumble while stepping between levels		
Slip, trip, stumble or fall on same level	4	4
Exposure to harmful substances, environments	24	24
Exposure to electricity		
Exposure to temperature extremes		
Exposure to environmental heat		
Exposure to environmental cold		
Exposure to harmful substances	21	21
Drug, alcohol overdose	21	21
Contact incidents		
Contact with animals		
Collapse, engulfment	-	
Struck by propelled, falling, or suspended object		
Struck by propelled object or substance		
Struck by falling object	_	
Struck by suspended or swinging object		
Struck, caught, or compressed by running powered equipment		
Primary source ^{5,6} :		
Chemicals and hazardous materials	22	22
Containers, furniture, fixtures		
Machinery	6	6
Agricultural and garden machinery		
Construction, logging, and mining machinery		
Material and personnel handling machinery		
Parts and materials	4	4
Vehicle and machine parts— power, mechanical, special process		
Animals, plants, persons, etc.	25	25
Plants, trees, vegetation	6	6
Trees, logs, limbs	6	6
Personother than injured or ill worker	9	9
Relative or domestic partner of injured or ill worker		

Co-worker or work associate of injured or ill worker		
Client or customer		
Criminal assailants	5	5
Robber	4	4
Structures and surfaces	16	16
Buildings		
Structures other than buildings	4	4
Elevator shafts		
Other structural elements	4	4
Roofs		
Stairs, multiple level surfaces		
Tools, instruments, and equipment		
Portable ladders and stairs		
Vehicles	21	21
Roadway vehiclesmotorized	14	14
	17	17
Emergency and security vehicles Trucks with mounted machinery, equipment		
Trucks		
	9	9
Passenger vehicles		
Off-road and industrial vehiclespowered	4	4
Industrial vehicles, material hauling and transportpowered		
Forklift, order picker, platform truckpowered		
Agricultural tractors		
Secondary source ^{5,7} :		
Chemicals and hazardous materials		
Containers, furniture, fixtures		
Machinery	5	5
Parts and materials	3	3
Vehicle and machine parts— power, mechanical, special process		
Animals, plants, persons, etc.		
Plants, trees, vegetation		
Trees, logs, limbs		
Structures and surfaces	20	20
Confined spaces		
Structures other than buildings	4	4
Ground, travel, and support surfaces	12	12
Bodies of water		
Tools, instruments, and equipment	14	14
Vehicles	9	9
Roadway vehiclesmotorized	8	8
Off-road and industrial vehiclespowered	1	1
Nature ⁵ :		
Injuries to the brain, spinal cord		
Intracranial injuries		
Severe wounds, internal injuries		

Gunshot wounds		
Injuries to internal organs and major blood vessels		
Surface and flesh wounds		
Soft tissue injuries		
Burns, corrosions, electrical injuries		
Electrocution, electric shock		
Effects of poison, toxic, or allergenic exposure		
Effects of environmental conditions and exposures		
Drowning, near drowning		
Asphyxiation— except toxic or allergenic		
Multiple traumatic injuries and disorders		
Injuries to the brain, spinal cord and severe wounds, internal injuries		
Burns and toxic effects (including smoke inhalation)		
Part of body ⁵ :		
Head	10	10
Neck	5	5
Trunk	18	18
Chest— including ribs, internal organs	6	6
Exterior and musculoskeletal structures of the back	4	4
Upper extremities		
Lower extremities	3	3
Body systems		
Multiple body parts	30	30
Head and other part(s) of body	5	5
Neck and other part(s) of body		
Trunk and other part(s) of body	3	3
Other multiple parts of body	4	4
Whole body		
Worker activity:		
Emergency and security operations		
Agriculture, landscaping, and animal activities	10	10
Heavy and industrial construction, production, and materials moving	9	9
operations Other construction, production and maintenance activities	15	15
	5	
Personal care, service, and administrative activities	5	5
Waiting on customers, clients; tending establishment		
Miscellaneous activities	33	33
Intentional risk taking activities	28	28
Transportation operations	24	24
Location:		
Construction or maintenance sites	13	13
Residential construction sites	5	5
Farm, agricultural premises	7	7

Residence, housing	7	7
Limited access public buildings	8	8
Office buildings		
Business and communal areas	8	8
Transportation infrastructure	32	32
Streets, highways, roads	14	14
Military base		
Occupation ⁸ :		
Management Occupations	5	5
Business and Financial Operations Occupations		
Computer and Mathematical Occupations		
Architecture and Engineering Occupations		
Life, Physical, and Social Science Occupations		
Community and Social Services Occupations		
Legal Occupations		
Educational Instruction and Library Occupations		
Arts, Design, Entertainment, Sports, and Media Occupations		
Healthcare Practitioner and Technical Occupations	3	3
Healthcare Support Occupations		
Protective Service Occupations		
Food Preparation and Serving Related Occupations	5	5
Building and Grounds Cleaning and Maintenance Occupations	7	7
Personal Care and Service Occupations	1	1
Sales and Related Occupations	5	5
Office and Administrative Support Occupations		
Farming, Fishing, and Forestry Occupations	11	11
Construction and Extraction Occupations	15	15
Installation, Maintenance, and Repair Occupations	8	8
Production Occupations	4	4
Transportation and Material Moving Occupations	24	24
Resident Military ⁹		

¹ CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For complete information on the version of NAICS used in this year, see our definitions page at https://www.bls.gov/opub/hom/cfoi/concepts.htm#north-american-industry-classification-system-naics. Cases where ownership is unknown are included in private industry counts. Cases classified as foreign government and other government are included in all government counts, but not displayed separately. Cases where industry is unknown are included in the service sector counts.

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

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

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

⁵ Based on the BLS Occupational Injury and Illness Classification System (OIICS) 3.02 implemented for 2023 data forward.

⁵ The primary source of a fatal occupational injury is the person, animal, object, or condition that most directly produced the injury.

⁷ The secondary source of a fatal occupational injury is the person, animal, object, or condition, other than the source, if any, responsible for initiating the chain of events or exacerbating the harmful event, including failure to prevent or mitigate harm.

⁸ CFOI has used several versions of the Standard Occupation Classification (SOC) system since 2003 to define occupation. For complete information on the version of SOC used in this year, see our definitions page at https://www.bls.gov/opub/hom/cfoi/concepts.htm#standard-occupational-classification-soc. Cases where occupation is unknown are included in the total.

⁹ 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. For complete information on how the data are coded and presented see our definitions page at https://www.bls.gov/iif/definitions/census-of-fatal-occupational-injuries-definitions.htm. Dashes indicate no data reported or data that do not meet publication criteria. N.e.c. means "not elsewhere classified." CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event.

Fatal occupational injuries by selected worker characteristics and selected occupation, all ownerships, Washington, 2023

Characteristic	All Occupations ^{1,2}	All occupations (code 000000)
Total:	97	97
Employee status:		
Wage and salary ³	79	79
Self-employed ⁴	18	18
Gender:		
Women	12	12
Men	85	85
Age:		
Under 16 years		
16 to 17 years		
18 to 19 years		
20 to 24 years	2	2
25 to 34 years	15	
35 to 44 years	23	23
45 to 54 years	23	23
55 to 64 years	19	19
65 years and over	15	15
Race or ethnic origin⁵:		
White, non-Hispanic, Total	59	59
Black or African-American, non-Hispanic, Total	5	5
Hispanic or Latino, Total	17	17
American Indian or Alaska Native, non-Hispanic, Total		
Asian, non-Hispanic, Total	5	5
Native Hawaiian or Pacific Islander, non-Hispanic, Total		
Person of multiple races, non-Hispanic, Total	5	5
Other or not reported, non-Hispanic, Total		
Event or exposure ⁶ :		
Violent acts	17	17
Homicides (Violent acts by other person)	9	9
Shooting by other person		
Suicides (Intentional self-harm)	8	8
Transportation incidents	20	20

Aircraft incidents		
Pedestrian incidents involving motorized land vehicles	3	3
Roadway incidents involving motorized land vehicle	11	11
Roadway collision with other vehicle(s)	4	4
Roadway noncollision incident	4	4
Nonroadway incidents involving motorized land vehicles		
Nonroadway noncollision incident		
Nonroadway noncollision— vehicle overturn		
Explosions and fires		
Falls, slips, trips	21	21
Fall to lower level	17	17
Fall to lower level from collapsing structure or equipment		
Fall to lower level resulting from exposure or contact		
Fall to lower level resulting in exposure or contact		
Other fall to lower level	14	14
Slip, trip, stumble while stepping between levels	14	11
Slip, trip, stumble or fall on same level	4	4
Exposure to harmful substances, environments	24	24
Exposure to electricity		
Exposure to temperature extremes		
Exposure to environmental heat		
Exposure to environmental cold		
Exposure to harmful substances	21	21
Drug, alcohol overdose		
Contact incidents		
Contact with animals		
Collapse, engulfment		
Struck by propelled, falling, or suspended object		
Struck by propelled object or substance		
Struck by falling object		
Struck by suspended or swinging object		
Struck, caught, or compressed by running powered equipment		
Primary source ^{6,7} :		
Chemicals and hazardous materials	22	22
Containers, furniture, fixtures		
Machinery	6	6
Agricultural and garden machinery		
Construction, logging, and mining machinery		
Material and personnel handling machinery		
Parts and materials	4	4
	т	т
Vehicle and machine parts— power, mechanical, special process		
Animals, plants, persons, etc.	25	25
Plants, trees, vegetation	6	6
Trees, logs, limbs	6	6
Personother than injured or ill worker	9	9
Relative or domestic partner of injured or ill worker		

Co-worker or work associate of injured or ill worker Client or customer		
Criminal assailants	5	5
Robber	4	4
Structures and surfaces	16	16
Buildings	10	10
Structures other than buildings	4	
Elevator shafts	Т	т
Other structural elements		
Roofs	4	4
Stairs, multiple level surfaces		
Tools, instruments, and equipment		
Portable ladders and stairs		
Vehicles	21	21
Roadway vehiclesmotorized	14	14
Emergency and security vehicles		
Trucks with mounted machinery, equipment		
Trucks	9	9
Passenger vehicles		
Off-road and industrial vehiclespowered	4	4
Industrial vehicles, material hauling and transportpowered		
Forklift, order picker, platform truckpowered		
Agricultural tractors		
Secondary source ^{6,8} :		
Chemicals and hazardous materials		
Chemicals and hazardous materials Containers, furniture, fixtures		
Containers, furniture, fixtures	 5	 5
Containers, furniture, fixtures Machinery	 5 3	 5 3
Containers, furniture, fixtures Machinery Parts and materials		 5 3
Containers, furniture, fixtures Machinery Parts and materials Vehicle and machine parts— power, mechanical, special process	 5 3 	 5 3
Containers, furniture, fixtures Machinery Parts and materials Vehicle and machine parts— power, mechanical, special process Animals, plants, persons, etc.	 5 	 5 3
Containers, furniture, fixtures Machinery Parts and materials Vehicle and machine parts— power, mechanical, special process Animals, plants, persons, etc. Plants, trees, vegetation	 5 3 	 5 3
Containers, furniture, fixtures Machinery Parts and materials Vehicle and machine parts— power, mechanical, special process Animals, plants, persons, etc. Plants, trees, vegetation Trees, logs, limbs	 5 3 20	 5 3 20
Containers, furniture, fixtures Machinery Parts and materials Vehicle and machine parts— power, mechanical, special process Animals, plants, persons, etc. Plants, trees, vegetation Trees, logs, limbs Structures and surfaces	 5 20	 5 3 20
Containers, furniture, fixtures Machinery Parts and materials Vehicle and machine parts— power, mechanical, special process Animals, plants, persons, etc. Plants, trees, vegetation Trees, logs, limbs Structures and surfaces Confined spaces	 5 3 20 	 5 3 20
Containers, furniture, fixtures Machinery Parts and materials Vehicle and machine parts— power, mechanical, special process Animals, plants, persons, etc. Plants, trees, vegetation Trees, logs, limbs Structures and surfaces Confined spaces Structures other than buildings	 4	 4
Containers, furniture, fixtures Machinery Parts and materials Vehicle and machine parts— power, mechanical, special process Animals, plants, persons, etc. Plants, trees, vegetation Trees, logs, limbs Structures and surfaces Confined spaces Structures other than buildings Ground, travel, and support surfaces	 5 3 20 4 12	 5 3 20 4 12
Containers, furniture, fixtures Machinery Parts and materials Vehicle and machine parts— power, mechanical, special process Animals, plants, persons, etc. Plants, trees, vegetation Trees, logs, limbs Structures and surfaces Confined spaces Structures other than buildings Ground, travel, and support surfaces Bodies of water	 4 12 	 4 12
Containers, furniture, fixtures Machinery Parts and materials Vehicle and machine parts— power, mechanical, special process Animals, plants, persons, etc. Plants, trees, vegetation Trees, logs, limbs Structures and surfaces Confined spaces Structures other than buildings Ground, travel, and support surfaces Bodies of water Tools, instruments, and equipment	 4 12 14	 4 12 14
Containers, furniture, fixtures Machinery Parts and materials Vehicle and machine parts— power, mechanical, special process Animals, plants, persons, etc. Plants, trees, vegetation Trees, logs, limbs Structures and surfaces Confined spaces Structures other than buildings Ground, travel, and support surfaces Bodies of water Tools, instruments, and equipment Vehicles	 4 12 14 9	 4 12
Containers, furniture, fixtures Machinery Parts and materials Vehicle and machine parts— power, mechanical, special process Animals, plants, persons, etc. Plants, trees, vegetation Trees, logs, limbs Structures and surfaces Confined spaces Structures other than buildings Ground, travel, and support surfaces Bodies of water Tools, instruments, and equipment Vehicles Roadway vehiclesmotorized	 4 12 14	 4 12 14
Containers, furniture, fixtures Machinery Parts and materials Vehicle and machine parts— power, mechanical, special process Animals, plants, persons, etc. Plants, trees, vegetation Trees, logs, limbs Structures and surfaces Confined spaces Structures other than buildings Ground, travel, and support surfaces Bodies of water Tools, instruments, and equipment Vehicles	 4 12 14 9	 4 12 14
Containers, furniture, fixtures Machinery Parts and materials Vehicle and machine parts— power, mechanical, special process Animals, plants, persons, etc. Plants, trees, vegetation Trees, logs, limbs Structures and surfaces Confined spaces Structures other than buildings Ground, travel, and support surfaces Bodies of water Tools, instruments, and equipment Vehicles Roadway vehiclesmotorized	 4 12 14 9	 4 12 14
Containers, furniture, fixtures Machinery Parts and materials Vehicle and machine parts— power, mechanical, special process Animals, plants, persons, etc. Plants, trees, vegetation Trees, logs, limbs Structures and surfaces Confined spaces Structures other than buildings Ground, travel, and support surfaces Bodies of water Tools, instruments, and equipment Vehicles Roadway vehiclesmotorized Off-road and industrial vehiclespowered	 4 12 14 9	 4 12 14
Containers, furniture, fixtures Machinery Parts and materials Vehicle and machine parts— power, mechanical, special process Animals, plants, persons, etc. Plants, trees, vegetation Trees, logs, limbs Structures and surfaces Confined spaces Structures other than buildings Ground, travel, and support surfaces Bodies of water Tools, instruments, and equipment Vehicles Roadway vehiclesmotorized Off-road and industrial vehiclespowered Nature ⁶ :	 4 12 14 9	 4 12 14

Gunshot wounds	1	I
Injuries to internal organs and major blood vessels		
Surface and flesh wounds		
Soft tissue injuries		
Burns, corrosions, electrical injuries		
Electrocution, electric shock		
Effects of poison, toxic, or allergenic exposure		
Effects of environmental conditions and exposures		
Drowning, near drowning		
Asphyxiation— except toxic or allergenic		
Multiple traumatic injuries and disorders		
Injuries to the brain, spinal cord and severe wounds, internal injuries		
Burns and toxic effects (including smoke inhalation)		
burns and toxic effects (including shoke initialition)		
Part of body ⁶ :		
Head	10	10
Neck	5	5
Trunk	18	18
Chest— including ribs, internal organs	6	6
Exterior and musculoskeletal structures of the back	4	4
Upper extremities		
Lower extremities	3	3
Body systems		
Multiple body parts	30	30
Head and other part(s) of body	5	5
Neck and other part(s) of body		
Trunk and other part(s) of body	3	3
Other multiple parts of body	4	4
Whole body		
Worker activity:		
Emergency and security operations		
Agriculture, landscaping, and animal activities	10	
Heavy and industrial construction, production, and materials moving operations	9	9
Other construction, production and maintenance activities	15	15
Personal care, service, and administrative activities	5	5
Waiting on customers, clients; tending establishment		
Miscellaneous activities	33	
Intentional risk taking activities	28	
Transportation operations	24	24
Location:		
Construction or maintenance sites	13	13
Residential construction sites	5	5
Farm, agricultural premises	7	7
Industrial places and premises	12	12
Residence, housing	7	7
	I i	I I

	8	8
Office buildings		
Business and communal areas	8	8
Transportation infrastructure	32	32
Streets, highways, roads	14	14
Military base		
Private ⁹ :	89	89
Goods producing		
Natural resources and mining ¹⁰		
Construction	16	16
Manufacturing	6	6
Service providing		
Trade, transportation, and utilities	26	26
Retail trade	6	6
Transportation and warehousing	17	17
Information		
Financial activities		
Professional and business services		
Educational and health services	5	5
Health care and social assistance	5	5
Leisure and hospitality		
Other services, except public administration		
Government ¹¹ :	8	8
Federal government	2	2
	3	3
State government	J J	

¹ CFOI has used several versions of the Standard Occupation Classification (SOC) system since 2003 to define occupation. For complete information on the version of SOC used in this year, see our definitions page at https://www.bls.gov/opub/hom/cfoi/concepts.htm#standard-occupational-classification-soc. Cases where occupation is unknown are included in the total.

² Includes fatal injuries to persons identified as resident armed forces regardless of individual occupation listed.

³ May include volunteers and workers receiving other types of compensation. Cases where employment status is unknown are included in the counts of wage and salary workers.

⁴ 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.

⁵ Persons identified as Hispanic or Latino may be of any race. The race categories shown exclude data for Hispanic and Latino workers. Cases where ethnicity is unknown are included in counts of non-Hispanic workers.

⁶ Based on the BLS Occupational Injury and Illness Classification System (OIICS) 3.02 implemented for 2023 data forward.

⁷ The primary source of a fatal occupational injury is the person, animal, object, or condition that most directly produced the injury.

⁸ The secondary source of a fatal occupational injury is the person, animal, object, or condition, other than the source, if any, responsible for initiating the chain of events or exacerbating the harmful event, including failure to prevent or mitigate harm.

⁹ CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For complete information on the version of NAICS used in this year, see our definitions page at https://www.bls.gov/opub/hom/cfoi/concepts.htm#north-american-industry-classification-system-naics. Cases where ownership is unknown are included in private industry counts. Cases classified as foreign government and other government are included in all government counts, but not displayed separately. Cases where industry is unknown are included in the service sector counts.

¹⁰ 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.

¹¹ 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. For complete information on how the data are coded and presented see our definitions page at https://www.bls.gov/iif/definitions/census-of-fatal-occupational-injuries-definitions.htm. Dashes indicate no data reported or data that do not meet publication criteria. N.e.c. means "not elsewhere classified." CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event.

Fatal occupational injuries by selected worker characteristics and selected primary source, all ownerships, Washington, 2023

Employee status:Page and salary ² Page and salary ² Wage and salary ² 7979Self-employed*1818Gender:1818Women1212Men8585Age:Under 16 years16 to 17 years18 to 19 years20 to 24 years22225 to 34 years232335 to 44 years232335 to 64 years191965 years and over1515Race or ethnic origin*:White, non-Hispanic, Total55Native Hawaiian or Pacific Islander, non-Hispanic, Total55Native Hawaiian or Pacific Islander, non-Hispanic, Total55Native Hawaiian or Pacific Islander, non-Hispanic, Total55Violent acts1717Monicides (Violent acts by other person)99Sucides (Intentional self-harm)88			
Employee status:Page and salary ² Page and salary ² Wage and salary ² 7979Self-employed*1818Gender:1818Women1212Men8585Age:Under 16 years16 to 17 years18 to 19 years20 to 24 years22225 to 34 years232335 to 44 years232335 to 64 years191965 years and over1515Race or ethnic origin*:White, non-Hispanic, Total55Native Hawaiian or Pacific Islander, non-Hispanic, Total55Native Hawaiian or Pacific Islander, non-Hispanic, Total55Native Hawaiian or Pacific Islander, non-Hispanic, Total55Violent acts1717Monicides (Violent acts by other person)99Sucides (Intentional self-harm)88	Characteristic	All primary sources ^{1,2}	
Wage and salary ³ 7979Self-employed ⁴ 1818Gender:	Total:	97	97
Self-employed ¹ 18 Gender: Women 12 Under 16 years 12 Under 16 years 1- 16 to 17 years 1- 18 to 19 years 2- 20 to 24 years 2 20 to 24 years 2 21 to 34 years 2 25 to 34 years 2 25 to 34 years 2 25 to 44 years 2 25 to 44 years 2 25 to 44 years 2 25 to 54 years 2 25 to 44 years 2 25 to 54 years 2 25 to 44 years 2 25 to 54 years 3 55 to 64 years 3 55 t	Employee status:		
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Women 12 12 Men 85 85 Age:	Self-employed ⁴	18	18
Men8885Age:66Under 16 years16 to 17 years18 to 19 years20 to 24 years20225 to 34 years232335 to 44 years232345 to 54 years232345 to 54 years191965 years and over191965 years and over101976 werthic origin ⁵ :75White, non-Hispanic, Total59Black or African-American, non-Hispanic, Total59Black or African-American, non-Hispanic, Total75American Indian or Alaska Native, non-Hispanic, Total75Native Hawaiian or Pacific Islander, non-Hispanic, Total75Other or not reported, non-Hispanic, Total75Violent acts17Violent acts17Violent acts by other person71Suicides (Intentional self-harm)88	Gender:		
Men8885Age:66Under 16 years16 to 17 years18 to 19 years20 to 24 years20225 to 34 years232335 to 44 years232345 to 54 years232345 to 54 years191965 years and over191965 years and over101976 werthic origin ⁵ :75White, non-Hispanic, Total59Black or African-American, non-Hispanic, Total59Black or African-American, non-Hispanic, Total75American Indian or Alaska Native, non-Hispanic, Total75Native Hawaiian or Pacific Islander, non-Hispanic, Total75Other or not reported, non-Hispanic, Total75Violent acts17Violent acts17Violent acts by other person71Suicides (Intentional self-harm)88	Women	12	12
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20 to 24 years225 to 34 years1535 to 44 years2335 to 54 years2345 to 54 years2355 to 64 years1965 years and over15Race or ethnic origin ⁵ :White, non-Hispanic, Total59Black or African-American, non-Hispanic, Total59Hispanic or Latino, Total17American Indian or Alaska Native, non-Hispanic, Total5Native Hawaiian or Pacific Islander, non-Hispanic, Total5Native Hawaiian or Pacific Islander, non-Hispanic, Total5Other or not reported, non-Hispanic, Total5Violent acts17Violent acts17Homicides (Violent acts by other person)9Shooting by other personSuicides (Intentional self-harm)8			
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35 to 44 years232345 to 54 years232355 to 64 years191965 years and over1515Race or ethnic origin ⁵ :White, non-Hispanic, Total59Black or African-American, non-Hispanic, Total59Black or African-American, non-Hispanic, Total17American Indian or Alaska Native, non-Hispanic, TotalAsian, non-Hispanic, TotalAsian, non-Hispanic, TotalPerson of multiple races, non-Hispanic, TotalCher or not reported, non-Hispanic, TotalViolent acts17Homicides (Violent acts by other person)9Shooting by other personSuicides (Intentional self-harm)8			
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65 years and over1515Race or ethnic origin ⁵ :White, non-Hispanic, Total5959Black or African-American, non-Hispanic, Total55Hispanic or Latino, Total17177American Indian or Alaska Native, non-Hispanic, TotalAsian, non-Hispanic, TotalAsian, non-Hispanic, TotalPerson of multiple races, non-Hispanic, TotalPerson of multiple races, non-Hispanic, TotalEvent or exposure ¹ :Violent acts17177Homicides (Violent acts by other person)99Shooting by other personSuicides (Intentional self-harm)88			
White, non-Hispanic, Total59Black or African-American, non-Hispanic, Total17Hispanic or Latino, Total17American Indian or Alaska Native, non-Hispanic, TotalAsian, non-Hispanic, Total5Native Hawaiian or Pacific Islander, non-Hispanic, TotalPerson of multiple races, non-Hispanic, TotalOther or not reported, non-Hispanic, Total5Violent acts17Homicides (Violent acts by other person)9Shooting by other personSuicides (Intentional self-harm)8			15
White, non-Hispanic, Total59Black or African-American, non-Hispanic, Total17Hispanic or Latino, Total17American Indian or Alaska Native, non-Hispanic, TotalAsian, non-Hispanic, Total5Native Hawaiian or Pacific Islander, non-Hispanic, TotalPerson of multiple races, non-Hispanic, TotalOther or not reported, non-Hispanic, Total5Violent acts17Homicides (Violent acts by other person)9Shooting by other personSuicides (Intentional self-harm)8	Pace or other origin ⁵		
Black or African-American, non-Hispanic, Total5Hispanic or Latino, Total17American Indian or Alaska Native, non-Hispanic, TotalAsian, non-Hispanic, Total5Native Hawaiian or Pacific Islander, non-Hispanic, TotalPerson of multiple races, non-Hispanic, TotalOther or not reported, non-Hispanic, TotalEvent or exposure ¹ :17Violent acts17Homicides (Violent acts by other person)9Shooting by other personSuicides (Intentional self-harm)8		59	59
Hispanic or Latino, Total17American Indian or Alaska Native, non-Hispanic, TotalAsian, non-Hispanic, Total5Native Hawaiian or Pacific Islander, non-Hispanic, TotalPerson of multiple races, non-Hispanic, Total5Other or not reported, non-Hispanic, TotalEvent or exposure ¹ :17Violent acts17Homicides (Violent acts by other person)9Shooting by other personSuicides (Intentional self-harm)8		5	
American Indian or Alaska Native, non-Hispanic, TotalAsian, non-Hispanic, Total5Native Hawaiian or Pacific Islander, non-Hispanic, TotalPerson of multiple races, non-Hispanic, Total5Other or not reported, non-Hispanic, TotalEvent or exposure ¹ :17Violent acts17Homicides (Violent acts by other person)9Shooting by other personSuicides (Intentional self-harm)8		17	
Asian, non-Hispanic, Total5Native Hawaiian or Pacific Islander, non-Hispanic, TotalPerson of multiple races, non-Hispanic, Total5Other or not reported, non-Hispanic, TotalEvent or exposure ¹ :17Violent acts17Homicides (Violent acts by other person)9Shooting by other personSuicides (Intentional self-harm)8			
Native Hawaiian or Pacific Islander, non-Hispanic, TotalPerson of multiple races, non-Hispanic, Total5Other or not reported, non-Hispanic, TotalEvent or exposure ¹ :Violent acts17Homicides (Violent acts by other person)9Shooting by other personSuicides (Intentional self-harm)8		5	5
Person of multiple races, non-Hispanic, Total5Other or not reported, non-Hispanic, TotalEvent or exposure1: Violent acts17Violent acts17Homicides (Violent acts by other person)9Shooting by other personSuicides (Intentional self-harm)8			
Other or not reported, non-Hispanic, TotalEvent or exposure1:Violent acts17Homicides (Violent acts by other person)9Shooting by other personSuicides (Intentional self-harm)8		5	5
Violent acts17Homicides (Violent acts by other person)9Shooting by other personSuicides (Intentional self-harm)8			
Violent acts17Homicides (Violent acts by other person)9Shooting by other personSuicides (Intentional self-harm)8	Event or exposure ¹ :		
Homicides (Violent acts by other person)99Shooting by other personSuicides (Intentional self-harm)88		17	17
Shooting by other personSuicides (Intentional self-harm)88			9
Suicides (Intentional self-harm) 8 8			
		8	8
	Transportation incidents	20	20

Aircraft incidents		
Pedestrian incidents involving motorized land vehicles	3	3
Roadway incidents involving motorized land vehicle	11	11
Roadway collision with other vehicle(s)	4	4
Roadway noncollision incident	4	4
Nonroadway incidents involving motorized land vehicles		
Nonroadway noncollision incident		
Nonroadway noncollision— vehicle overturn		
Explosions and fires		
Falls, slips, trips	21	21
Fall to lower level	17	17
Fall to lower level from collapsing structure or equipment		
Fall to lower level resulting from exposure or contact		
Fall to lower level resulting in exposure or contact		
Other fall to lower level	14	14
Slip, trip, stumble while stepping between levels		
Slip, trip, stumble or fall on same level	4	4
Exposure to harmful substances, environments	24	24
Exposure to electricity	27	27
Exposure to temperature extremes		
Exposure to environmental heat		
Exposure to environmental cold	21	21
Exposure to harmful substances	21	21
Drug, alcohol overdose Contact incidents		
Contact with animals		
Collapse, engulfment		
Struck by propelled, falling, or suspended object		
Struck by propelled object or substance		
Struck by falling object		
Struck by suspended or swinging object		
Struck, caught, or compressed by running powered equipment		
Nature ¹ :		
Injuries to the brain, spinal cord		
Intracranial injuries		
Severe wounds, internal injuries		
Gunshot wounds		
Injuries to internal organs and major blood vessels		
Surface and flesh wounds		
Soft tissue injuries		
Burns, corrosions, electrical injuries		
Electrocution, electric shock		
Effects of poison, toxic, or allergenic exposure		
Effects of environmental conditions and exposures		
Drowning, near drowning		
Asphyxiation— except toxic or allergenic		
	1	I

Multiple traumatic injuries and disorders		
Injuries to the brain, spinal cord and severe wounds, internal injuries		
Burns and toxic effects (including smoke inhalation)		
Part of body ¹ :		
Head	10	10
Neck	5	5
Trunk	18	18
Chest— including ribs, internal organs	6	6
Exterior and musculoskeletal structures of the back	4	4
Upper extremities		
Lower extremities	3	3
Body systems		
Multiple body parts	30	30
Head and other part(s) of body	5	5
Neck and other part(s) of body		
Trunk and other part(s) of body	3	3
Other multiple parts of body	4	4
Whole body		
Worker activity:		
Emergency and security operations		
Agriculture, landscaping, and animal activities	10	10
Heavy and industrial construction, production, and materials moving operations	9	9
Other construction, production and maintenance activities	15	15
Personal care, service, and administrative activities	5	5
Waiting on customers, clients; tending establishment		
Miscellaneous activities	33	33
Intentional risk taking activities	28	28
Transportation operations	24	24
Location:		
Construction or maintenance sites	13	13
Residential construction sites	5	
Farm, agricultural premises	7	7
Industrial places and premises	12	12
Residence, housing	7	7
Limited access public buildings	8	, 8
Office buildings		
Business and communal areas	8	8
Transportation infrastructure	32	32
Streets, highways, roads	14	14
Military base		
Occupation ⁶ :		
Management Occupations	5	5
Business and Financial Operations Occupations	-	
	1	

Computer and Mathematical Occupations		
Architecture and Engineering Occupations		
Life, Physical, and Social Science Occupations		
Community and Social Services Occupations		
Legal Occupations		
Educational Instruction and Library Occupations		
Arts, Design, Entertainment, Sports, and Media Occupations		
Healthcare Practitioner and Technical Occupations	3	3
Healthcare Support Occupations		
Protective Service Occupations		
Food Preparation and Serving Related Occupations	5	5
Building and Grounds Cleaning and Maintenance Occupations	7	7
Personal Care and Service Occupations	1	1
Sales and Related Occupations	5	5
Office and Administrative Support Occupations		
Farming, Fishing, and Forestry Occupations	11	11
Construction and Extraction Occupations	15	15
Installation, Maintenance, and Repair Occupations	8	8
Production Occupations	4	4
Transportation and Material Moving Occupations	24	24
Resident Military ⁷		
Private ⁸ :	89	89
Goods producing		
Natural resources and mining ⁹		
Construction	16	16
Manufacturing	6	6
Service providing		
Trade, transportation, and utilities	26	26
Retail trade	6	6
Transportation and warehousing	17	17
Information		
Financial activities		
Professional and business services		
Educational and health services	5	5
Health care and social assistance	5	5
Leisure and hospitality		
Other services, except public administration		
overnment ¹⁰ :	8	8
Federal government	2	2
State government	3	3
Local government	3	3

Based on the BLS Occupational Injury and Illness Classification System (OIICS) 3.02 implemented for 2023 data forward.

² The primary source of a fatal occupational injury is the person, animal, object, or condition that most directly produced the injury.

³ May include volunteers and workers receiving other types of compensation. Cases where employment status is unknown are included in the counts of wage and salary workers.

⁴ 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.

⁵ Persons identified as Hispanic or Latino may be of any race. The race categories shown exclude data for Hispanic and Latino workers. Cases where ethnicity is unknown are included in counts of non-Hispanic workers.

⁶ CFOI has used several versions of the Standard Occupation Classification (SOC) system since 2003 to define occupation. For complete information on the version of SOC used in this year, see our definitions page at https://www.bls.gov/opub/hom/cfoi/concepts.htm#standard-occupational-classification-soc. Cases where occupation is unknown are included in the total.

⁷ Includes fatal injuries to persons identified as resident armed forces regardless of individual occupation listed.

⁸ CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For complete information on the version of NAICS used in this year, see our definitions page at https://www.bls.gov/opub/hom/cfoi/concepts.htm#north-american-industry-classification-system-naics. Cases where ownership is unknown are included in private industry counts. Cases classified as foreign government and other government are included in all government counts, but not displayed separately. Cases where industry is unknown are included in the service sector counts.

⁹ 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.

¹⁰ 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. For complete information on how the data are coded and presented see our definitions page at https://www.bls.gov/iif/definitions/census-of-fatal-occupational-injuries-definitions.htm. Dashes indicate no data reported or data that do not meet publication criteria. N.e.c. means "not elsewhere classified." CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event.

Fatal occupational injuries by selected worker characteristics and selected event or exposure, all ownerships, Washington, 2023

Characteristic	All Events ¹	All events and exposures (code 0000)
Total:	97	97
Employee status:		
Wage and salary ²	79	7
Self-employed ³	18	1
Gender:		
Women	12	1
Men	85	8
Age:		
Under 16 years		
16 to 17 years		
18 to 19 years		
20 to 24 years		
25 to 34 years	15	1
35 to 44 years	23	2
45 to 54 years	23	2
55 to 64 years	19	1
65 years and over	15	1
Race or ethnic origin ⁴ :		
White, non-Hispanic, Total	59	5
Black or African-American, non-Hispanic, Total	5	
Hispanic or Latino, Total	17	1
American Indian or Alaska Native, non-Hispanic, Total		
Asian, non-Hispanic, Total	5	
Native Hawaiian or Pacific Islander, non-Hispanic, Total		
Person of multiple races, non-Hispanic, Total	5	
Other or not reported, non-Hispanic, Total		
Primary source ^{1,5} :		
Chemicals and hazardous materials	22	2
Containers, furniture, fixtures		
Machinery	6	
Agricultural and garden machinery		
Construction, logging, and mining machinery		

Parts and multicity and an array of the second multicity and an array of the second multicity and the second array of the second	Material and personnel handling machinery	I	
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Agricultural tractors	Industrial vehicles, material hauling and transportpowered		
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Ground, travel, and support surfaces1212Bodies of water		4	4
Bodies of water		12	12
		14	14
		1 *'1	1' ¹

Vehicles	9	9
Roadway vehiclesmotorized	8	8
Off-road and industrial vehiclespowered		
Nature ¹ :		
Injuries to the brain, spinal cord		
Intracranial injuries		
Severe wounds, internal injuries		
Gunshot wounds		
Injuries to internal organs and major blood vessels		
Surface and flesh wounds		
Soft tissue injuries		
Burns, corrosions, electrical injuries		
Electrocution, electric shock		
Effects of poison, toxic, or allergenic exposure		
Effects of environmental conditions and exposures		
Drowning, near drowning		
Asphyxiation— except toxic or allergenic		
Multiple traumatic injuries and disorders		
Injuries to the brain, spinal cord and severe wounds, internal injuries		
Burns and toxic effects (including smoke inhalation)		
Part of had de		
Part of body ¹ : Head	10	10
Neck	5	5
Trunk	18	18
Chest— including ribs, internal organs	6	6
Exterior and musculoskeletal structures of the back	4	4
Upper extremities		
Lower extremities	3	3
Body systems		
Multiple body parts	30	30
Head and other part(s) of body	5	5
Neck and other part(s) of body		
Trunk and other part(s) of body	3	3
Other multiple parts of body	4	4
Whole body		
Worker activity:		
Emergency and security operations		
Agriculture, landscaping, and animal activities	10	10
Heavy and industrial construction, production, and materials moving operations	9	9
Other construction, production and maintenance activities	15	15
Personal care, service, and administrative activities	5	5
Waiting on customers, clients; tending establishment		
Miscellaneous activities	33	33

Intentional risk taking activities	28	28
Transportation operations	24	24
Location:		
Construction or maintenance sites	13	13
Residential construction sites	5	5
Farm, agricultural premises	7	7
Industrial places and premises	12	12
Residence, housing	7	7
Limited access public buildings	8	8
Office buildings		
Business and communal areas	8	8
Transportation infrastructure	32	32
Streets, highways, roads	14	14
Military base		
Occupation ⁷ :		
Management Occupations	5	5
Business and Financial Operations Occupations		
Computer and Mathematical Occupations		
Architecture and Engineering Occupations		
Life, Physical, and Social Science Occupations		
Community and Social Services Occupations		
Legal Occupations		
Educational Instruction and Library Occupations		
Arts, Design, Entertainment, Sports, and Media Occupations		
Healthcare Practitioner and Technical Occupations	3	3
Healthcare Support Occupations	5	5
Protective Service Occupations		
Food Preparation and Serving Related Occupations		
	5	5
Building and Grounds Cleaning and Maintenance Occupations	7	/
Personal Care and Service Occupations	1	
Sales and Related Occupations	5	S
Office and Administrative Support Occupations		
Farming, Fishing, and Forestry Occupations	11	11
Construction and Extraction Occupations	15	15
Installation, Maintenance, and Repair Occupations	8	8
Production Occupations	4	4
Transportation and Material Moving Occupations	24	24
Resident Military ⁸		
Private ⁹ :	89	89
Goods producing		
Natural resources and mining ¹⁰		
Construction	16	16
Manufacturing	6	6
Service providing		

Trade, transportation, and utilities	26	26
Retail trade	6	6
Transportation and warehousing	17	17
Information		
Financial activities		
Professional and business services		
Educational and health services	5	5
Health care and social assistance	5	5
Leisure and hospitality		
Other services, except public administration		
Government ¹¹ :	8	8
Federal government	2	2
State government	3	3
Local government	3	3

Based on the BLS Occupational Injury and Illness Classification System (OIICS) 3.02 implemented for 2023 data forward.

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

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

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

⁵ The primary source of a fatal occupational injury is the person, animal, object, or condition that most directly produced the injury.

⁶ The secondary source of a fatal occupational injury is the person, animal, object, or condition, other than the source, if any, responsible for initiating the chain of events or exacerbating the harmful event, including failure to prevent or mitigate harm.

⁷ CFOI has used several versions of the Standard Occupation Classification (SOC) system since 2003 to define occupation. For complete information on the version of SOC used in this year, see our definitions page at https://www.bls.gov/opub/hom/cfoi/concepts.htm#standard-occupational-classification-soc. Cases where occupation is unknown are included in the total.

⁸ Includes fatal injuries to persons identified as resident armed forces regardless of individual occupation listed.

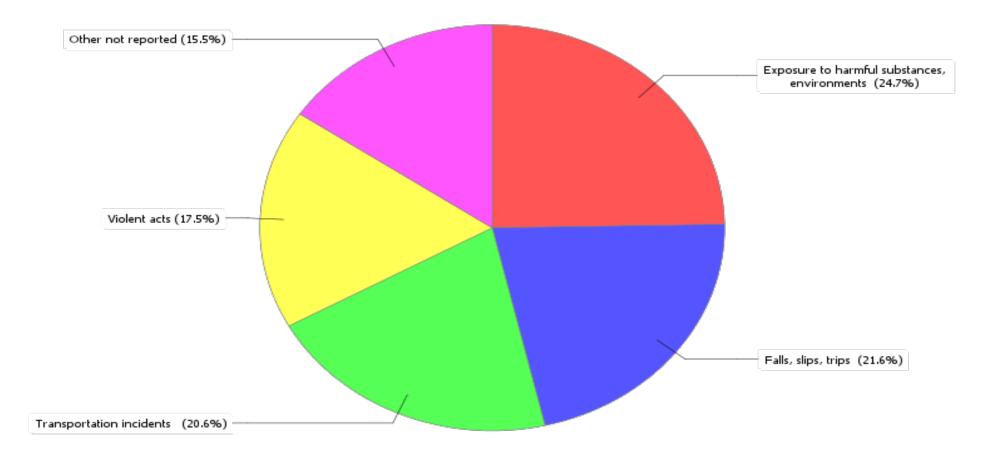
⁹ CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For complete information on the version of NAICS used in this year, see our definitions page at https://www.bls.gov/opub/hom/cfoi/concepts.htm#north-american-industry-classification-system-naics. Cases where ownership is unknown are included in private industry counts. Cases classified as foreign government and other government are included in all government counts, but not displayed separately. Cases where industry is unknown are included in the service sector counts.

¹⁰ 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.

¹¹ Includes fatal injuries to workers employed by governmental organizations regardless of industry.

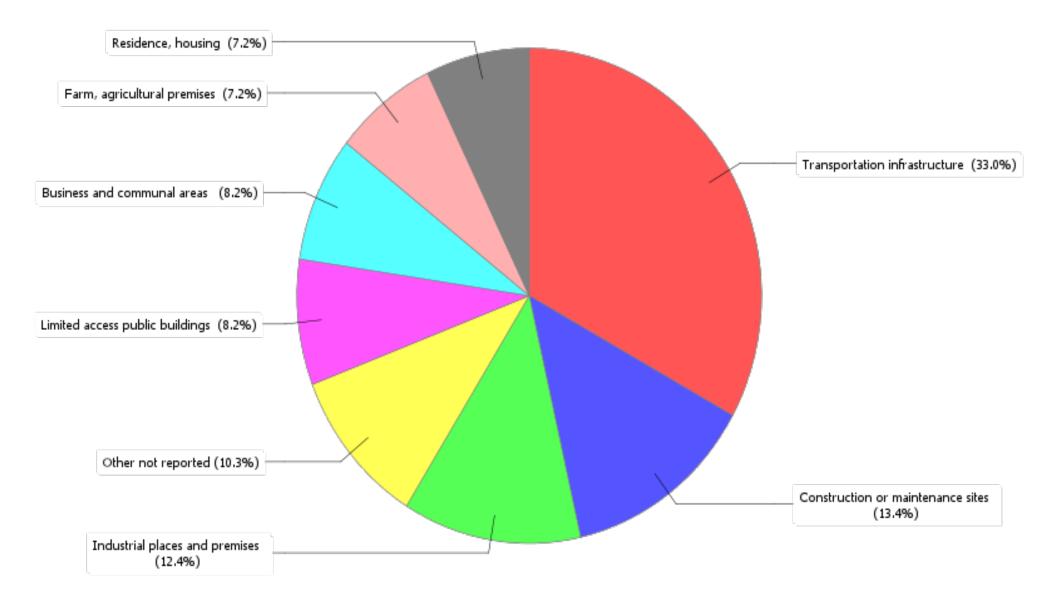
Note: Data for all years are revised and final. Totals for major categories may include subcategories not shown separately. For complete information on how the data are coded and presented see our definitions page at https://www.bls.gov/iif/definitions/census-of-fatal-occupational-injuries-definitions.htm. Dashes indicate no data reported or data that do not meet publication criteria. N.e.c. means "not elsewhere classified." CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event.

Characteristics	Value
Explosions and fires	-
Contact incidents	-
Exposure to harmful substances, environments	24
Falls, slips, trips	21
Transportation incidents	20
Violent acts	17
Other not reported	15



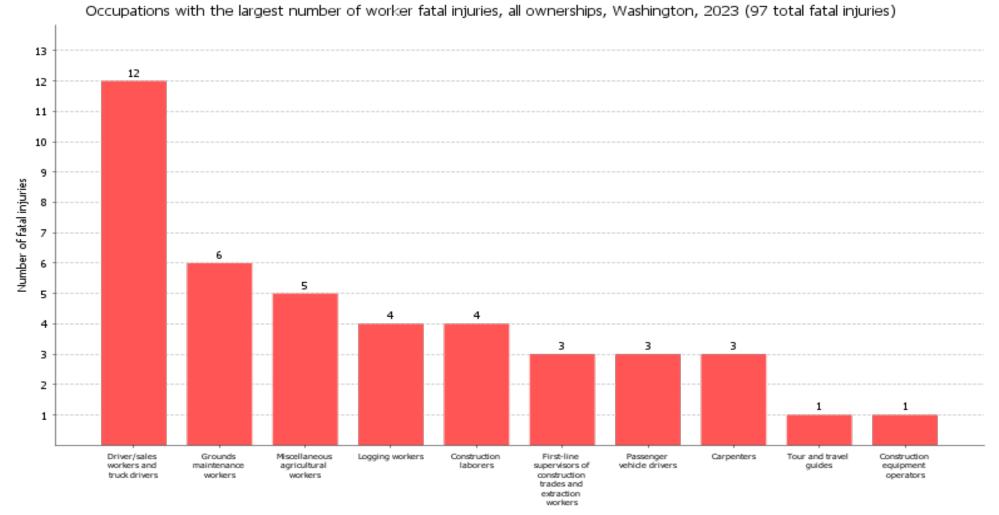
[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2024]

Characteristics	Value
Transportation infrastructure	32
Construction or maintenance sites	13
Industrial places and premises	12
Other not reported	10
Limited access public buildings	8
Business and communal areas	8
Farm, agricultural premises	7
Residence, housing	7



[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2024]

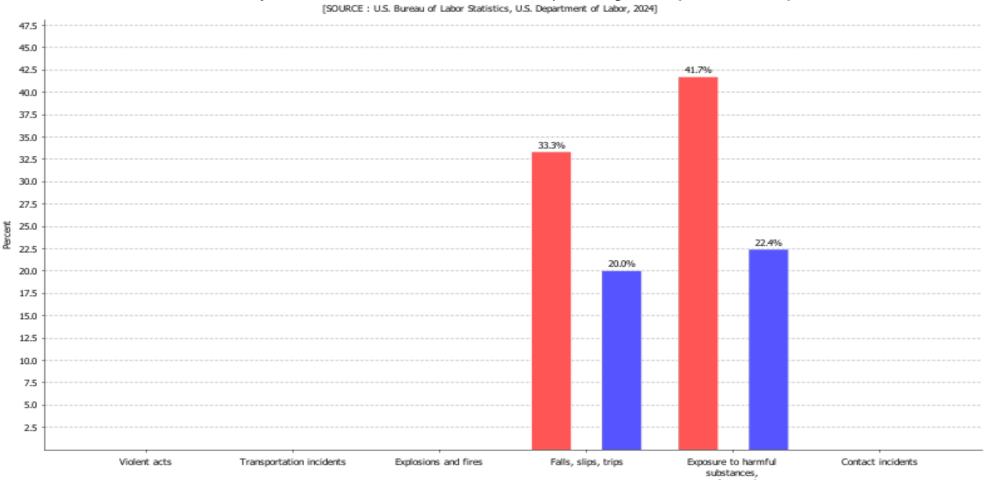
Characteristics	Value
Driver/sales workers and truck drivers	12
Grounds maintenance workers	6
Miscellaneous agricultural workers	5
Logging workers	4
Construction laborers	4
First-line supervisors of construction trades and extraction workers	3
Passenger vehicle drivers	3
Carpenters	3
Tour and travel guides	1
Construction equipment operators	1



Occupation

[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2024]

Characteristics	Men	Women
Violent acts	-	-
Transportation incidents	-	-
Explosions and fires	-	-
Falls, slips, trips	17	4
Exposure to harmful substances, environments	19	5
Contact incidents	-	-



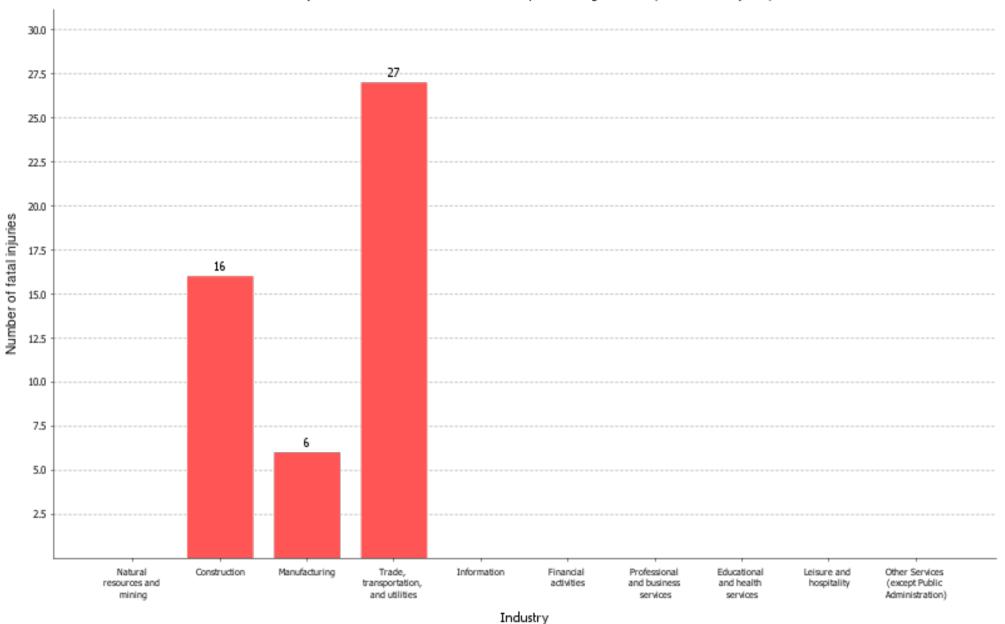
Fatal work injuries varied between men and women, all ownerships, Washington, 2023 (85 men, 12 women)

environments

Event

Women Men

Characteristics	Value
Natural resources and mining	-
Construction	16
Manufacturing	6
Trade, transportation, and utilities	27
Information	-
Financial activities	-
Professional and business services	-
Educational and health services	-
Leisure and hospitality	-
Other Services (except Public Administration)	-



Fatal work injuries in selected industries, all ownerships, Washington, 2023 (97 total fatal injuries)

[SOURCE : U.S. Bureau of Labor Statistics, U.S. Department of Labor, 2024]