

Fatal occupational injuries by selected worker characteristics, all ownerships, Ohio, 2011-2012

Characteristic	2011		2012	
	Number	Percent	Number	Percent
Total:	155	100%	161	100%
Employee status:				
Wage and salary ²	116	75%	117	73%
Self-employed ³	39	25%	44	27%
Gender:				
Women	11	7%	17	11%
Men	144	93%	144	89%
Age:				
Under 16 years	--	--	3	2%
16 to 17 years	2	1%	--	--
18 to 19 years	--	--	3	2%
20 to 24 years	5	3%	9	6%
25 to 34 years	17	11%	18	11%
35 to 44 years	22	14%	25	16%
45 to 54 years	46	30%	38	24%
55 to 64 years	43	28%	38	24%
65 years and over	20	13%	27	17%
Race or ethnic origin⁴:				
White (non-Hispanic)	135	87%	134	83%
Black or African-American (non-Hispanic)	18	12%	17	11%
Hispanic or Latino	1	1%	8	5%
American Indian or Alaska Native (non-Hispanic)	--	--	--	--
Asian (non-Hispanic)	--	--	2	1%
Native Hawaiian or Pacific Islander (non-Hispanic)	--	--	--	--
Person of multiple races (non-Hispanic)	--	--	--	--
Other races or not reported (non-Hispanic)	--	--	--	--
Event or exposure⁵:				
Violence and other injuries by persons or animals	24	15%	22	14%
Intentional injury by person	24	15%	19	12%
Homicides (Intentional injury by other person)	14	9%	15	9%
Suicides (Self-inflicted injury--intentional)	10	6%	4	2%
Transportation incidents	61	39%	57	35%
Aircraft incidents	4	3%	2	1%
Pedestrian vehicular incident	10	6%	5	3%
Roadway incidents involving motorized land vehicle	37	24%	36	22%
Roadway collision with other vehicle	15	10%	16	10%
Roadway noncollision incident	3	2%	3	2%
Nonroadway incidents involving motorized land vehicles	9	6%	13	8%
Nonroadway noncollision incident	5	3%	10	6%
Jack-knifed or overturned, nonroadway	4	3%	6	4%
Fires and explosions	3	2%	5	3%
Falls, slips, trips	22	14%	32	20%
Falls on same level	7	5%	9	6%
Falls to lower level	15	10%	22	14%

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Characteristic	2011		2012	
	Number	Percent	Number	Percent
Fall from collapsing structure or equipment	1	1%	--	--
Fall through surface or existing opening	4	3%	3	2%
Exposure to harmful substances or environments	20	13%	10	6%
Exposure to electricity	11	7%	--	--
Exposure to temperature extremes	--	--	--	--
Contact with objects and equipment	25	16%	35	22%
Struck by object or equipment	19	12%	18	11%
Struck by powered vehicle--nontransport	7	5%	7	4%
Struck by falling object or equipment--other than powered vehicle	8	5%	7	4%
Caught in or compressed by equipment or objects	6	4%	13	8%
Caught in running equipment or machinery	4	3%	8	5%
Primary source^{5,6}:				
Chemicals and chemical products	10	6%	6	4%
Containers, furniture, and fixtures	--	--	3	2%
Machinery	14	9%	19	12%
Agricultural and garden machinery	--	--	4	2%
Construction, logging, and mining machinery	7	5%	6	4%
Material and personnel handling machinery	2	1%	4	2%
Parts and materials	11	7%	4	2%
Machine, tool, and electric parts	5	3%	--	--
Persons, plants, animals, and minerals	31	20%	29	18%
Person--other than injured or ill worker	14	9%	16	10%
Relative or domestic partner of injured or ill worker	1	1%	3	2%
Co-worker or work associate of injured or ill worker	1	1%	1	1%
Assailant, suspect, inmate	8	5%	7	4%
Robber	3	2%	4	2%
Plants, trees, vegetation--not processed	5	3%	5	3%
Trees, logs, limbs	5	3%	5	3%
Structures and surfaces	17	11%	27	17%
Buildings--office, plant, residential	--	--	--	--
Structures other than buildings	--	--	3	2%
Scaffolds, staging	--	--	3	2%
Other structural elements	8	5%	10	6%
Roofs	6	4%	7	4%
Tools, instruments, and equipment	5	3%	8	5%
Ladders	3	2%	7	4%
Vehicles	66	43%	63	39%
Highway vehicles, motorized	46	30%	42	26%
Passenger vehicles--automobiles, buses, and passenger vans	14	9%	11	7%
Trucks--motorized freight hauling and utility	25	16%	23	14%
Multi-purpose highway vehicles	7	5%	8	5%
Off-road and industrial vehicles--powered	14	9%	17	11%
Industrial vehicles, material hauling and transport--powered	5	3%	4	2%
Forklift, order picker, platform truck--powered	4	3%	4	2%
Tractors, PTOs	7	5%	10	6%

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	Number	Percent	Number	Percent
Secondary source^{5,7}:				
Chemicals and chemical products	--	--	--	--
Containers, furniture, and fixtures	1	1%	--	--
Machinery	11	7%	6	4%
Parts and materials	12	8%	8	5%
Machine, tool, and electric parts	8	5%	3	2%
Persons, plants, animals, and minerals	9	6%	9	6%
Plants, trees, vegetation--not processed	9	6%	8	5%
Trees, logs, limbs	9	6%	8	5%
Structures and surfaces	24	15%	19	12%
Confined spaces	2	1%	--	--
Structures other than buildings	12	8%	11	7%
Floors, walkways, ground surfaces	6	4%	5	3%
Tools, instruments, and equipment	22	14%	15	9%
Vehicles	21	14%	19	12%
Highway vehicles, motorized	18	12%	18	11%
Off-road and industrial vehicles--powered	--	--	1	1%
Nature⁵:				
Traumatic injuries to bones, nerves, spinal cord	--	--	11	7%
Traumatic injuries to muscles, tendons, ligaments, joints, etc.	--	--	--	--
Open wounds	22	14%	15	9%
Gunshot wounds	19	12%	14	9%
Surface wounds and bruises	--	--	--	--
Burns and corrosions	2	1%	4	2%
Intracranial injuries	16	10%	33	20%
Effects of environmental conditions	--	--	--	--
Multiple traumatic injuries and disorders	67	43%	53	33%
Burns and other injuries, except fractures	--	--	--	--
Intracranial injuries and injuries to internal organs	5	3%	6	4%
Other traumatic injuries and disorders	44	28%	43	27%
Asphyxiations, strangulations, suffocations	6	4%	11	7%
Drownings	--	--	3	2%
Electrocutions, electric shocks	11	7%	--	--
Internal injuries to organs and blood vessels of the trunk	18	12%	21	13%
Other poisoning, toxic, noxious, or allergenic effects	8	5%	4	2%
Part of body⁵:				
Head	26	17%	39	24%
Neck, including throat	4	3%	9	6%
Trunk	25	16%	29	18%
Chest, including ribs, internal organs	14	9%	13	8%
Back, including spine, spinal cord	3	2%	1	1%
Upper extremities	--	--	3	2%
Lower extremities	2	1%	1	1%
Body systems	22	14%	21	13%
Multiple body parts	74	48%	59	37%
Head and neck	4	3%	6	4%
Head, neck, and trunk	3	2%	4	2%

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Characteristic	2011		2012	
	Number	Percent	Number	Percent
Head and trunk	7	5%	6	4%
Other multiple body parts	26	17%	19	12%
Whole body	3	2%	4	2%
Worker activity:				
Vehicular and transportation operations	65	42%	58	36%
Using or operating tools, machinery	16	10%	12	7%
Constructing, repairing, cleaning	31	20%	44	27%
Protective service activities	5	3%	4	2%
Material handling operations	4	3%	8	5%
Physical activities, n.e.c.	6	4%	9	6%
Other activities	24	15%	21	13%
Tending an establishment, waiting on customers	8	5%	7	4%
Location:				
Home	16	10%	15	9%
Farm	16	10%	22	14%
Mine and quarry	3	2%	1	1%
Industrial place and premises	35	23%	40	25%
Place for recreation and sport	--	--	3	2%
Street and highway	48	31%	43	27%
Public building	20	13%	19	12%
Residential institution	1	1%	2	1%
Occupation⁸:				
Management Occupations	22	14%	22	14%
Business and Financial Operations Occupations	--	--	--	--
Computer and Mathematical Occupations	--	--	--	--
Architecture and Engineering Occupations	--	--	--	--
Life, Physical, and Social Science Occupations	--	--	--	--
Community and Social Services Occupations	1	1%	2	1%
Legal Occupations	--	--	--	--
Education, Training, and Library Occupations	--	--	1	1%
Arts, Design, Entertainment, Sports, and Media Occupations	--	--	2	1%
Healthcare Practitioner and Technical Occupations	4	3%	2	1%
Healthcare Support Occupations	--	--	--	--
Protective Service Occupations	10	6%	6	4%
Food Preparation and Serving Related Occupations	1	1%	6	4%
Building and Grounds Cleaning and Maintenance Occupations	8	5%	6	4%
Personal Care and Service Occupations	5	3%	1	1%
Sales and Related Occupations	8	5%	5	3%
Office and Administrative Support Occupations	4	3%	3	2%
Farming, Fishing, and Forestry Occupations	4	3%	8	5%
Construction and Extraction Occupations	22	14%	33	20%
Installation, Maintenance, and Repair Occupations	11	7%	11	7%
Production Occupations	12	8%	9	6%
Transportation and Material Moving Occupations	39	25%	43	27%
Military Specific Occupations ⁹	--	--	--	--

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Characteristic	2011		2012	
	Number	Percent	Number	Percent
Private industry¹⁰:	143	92%	148	92%
Goods producing	58	37%	65	40%
Natural resources and mining ¹¹	20	13%	22	14%
Construction	23	15%	29	18%
Manufacturing	15	10%	14	9%
Service providing	85	55%	83	52%
Trade, transportation, and utilities	38	25%	41	25%
Information	--	--	2	1%
Financial activities	4	3%	--	--
Professional and business services	13	8%	11	7%
Educational and health services	10	6%	7	4%
Leisure and hospitality	11	7%	16	10%
Other services, except public administration	7	5%	5	3%
Government¹²:	12	8%	13	8%
Federal government	--	--	--	--
State government	--	--	2	1%
Local government	12	8%	9	6%

¹ Industry data from 2009 to the present are based on the North American Industry Classification System, 2007.

² May include volunteers and workers receiving other types of compensation.

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

⁴ Persons identified as Hispanic or Latino may be of any race. The race categories shown exclude data for Hispanics and Latinos.

⁵ Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

⁶ 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.

⁷ 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.

⁸ Occupation data from 2011 to the present are based on the Standard Occupational Classification system, 2010.

⁹ Includes fatal injuries to persons identified as resident armed forces regardless of individual occupation listed.

¹⁰ Industry data from 2009 to the present are based on the North American Industry Classification System, 2007.

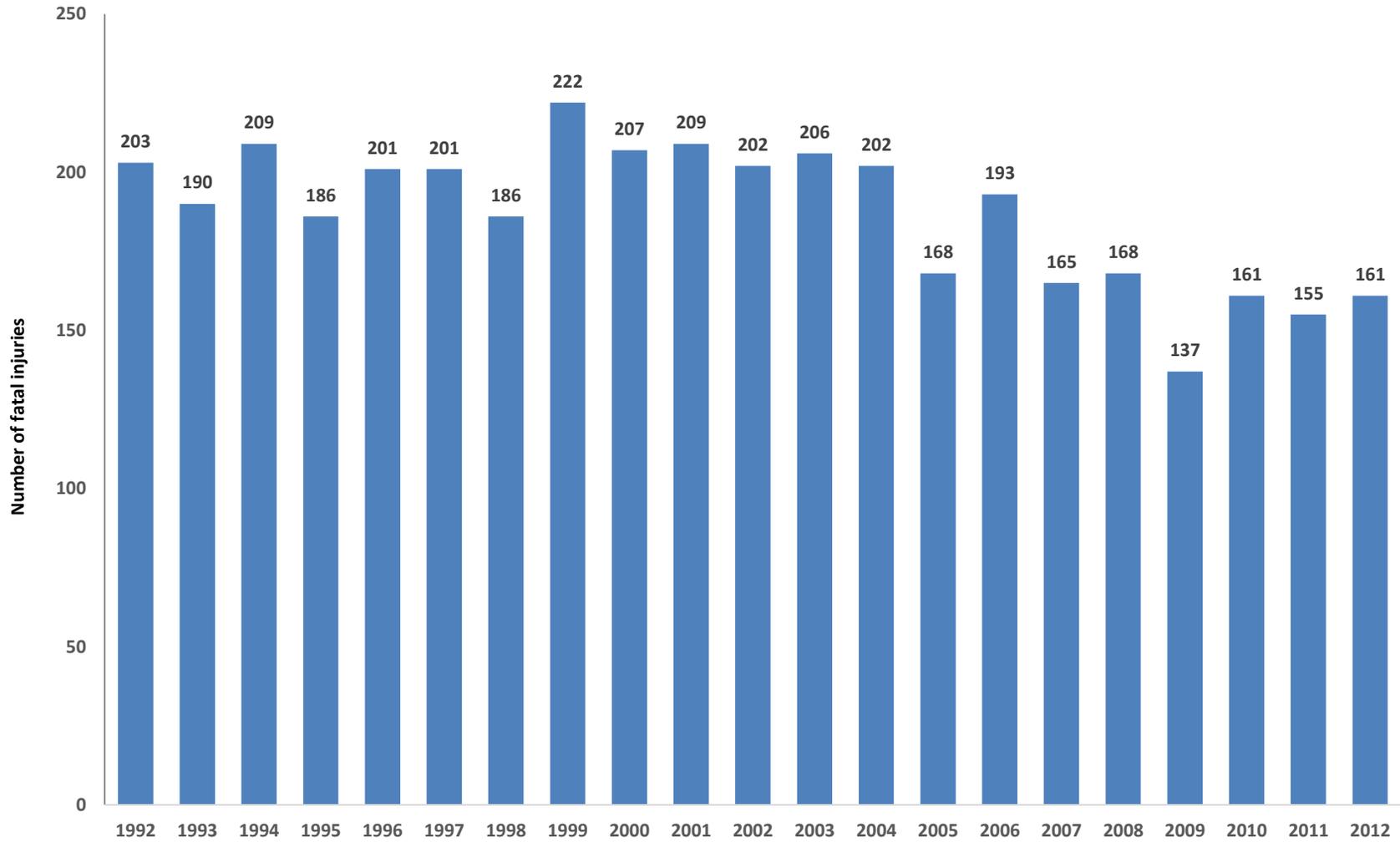
¹¹ Includes fatal injuries at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

¹² 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. N.e.c. means "not elsewhere classified." CFOI fatal injury counts exclude illness-related deaths unless precipitated by an injury event.

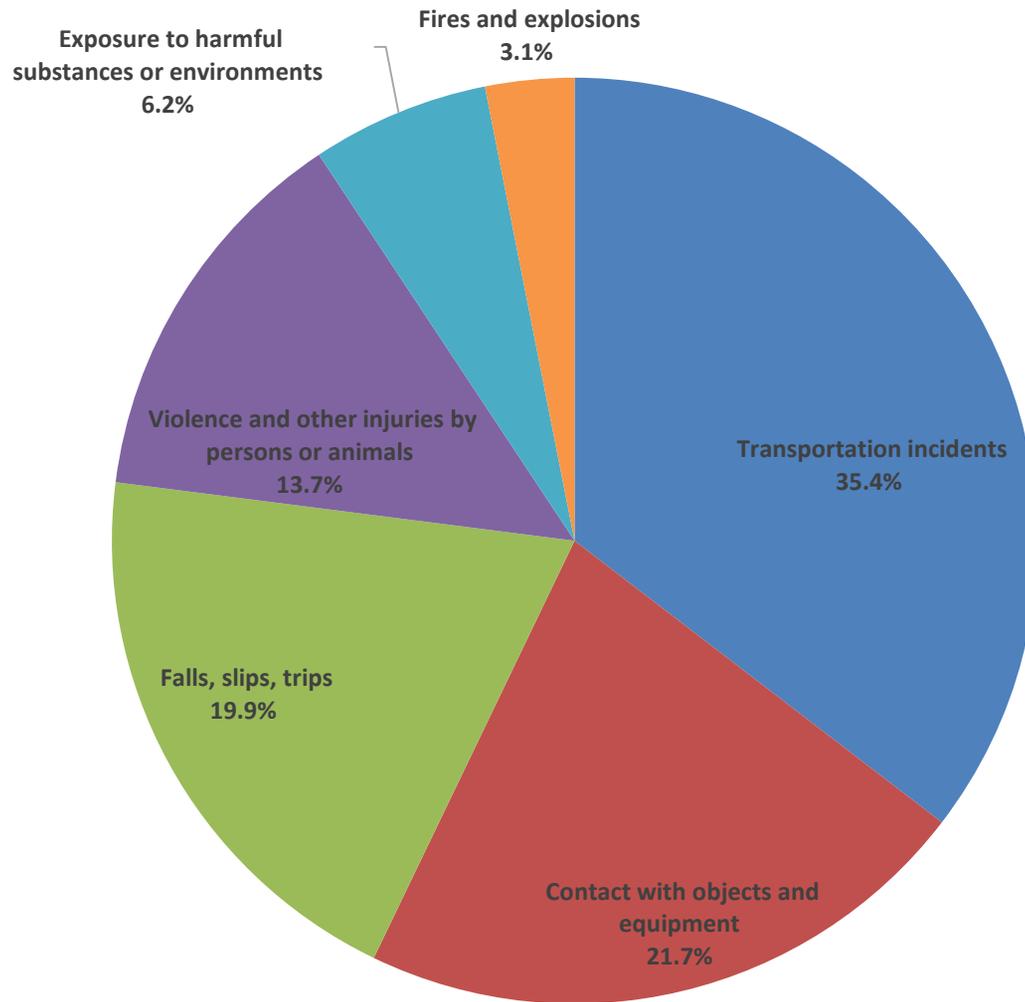
Source: Ohio Department of Health and U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries.

Number of fatal work injuries, Ohio, 1992-2012

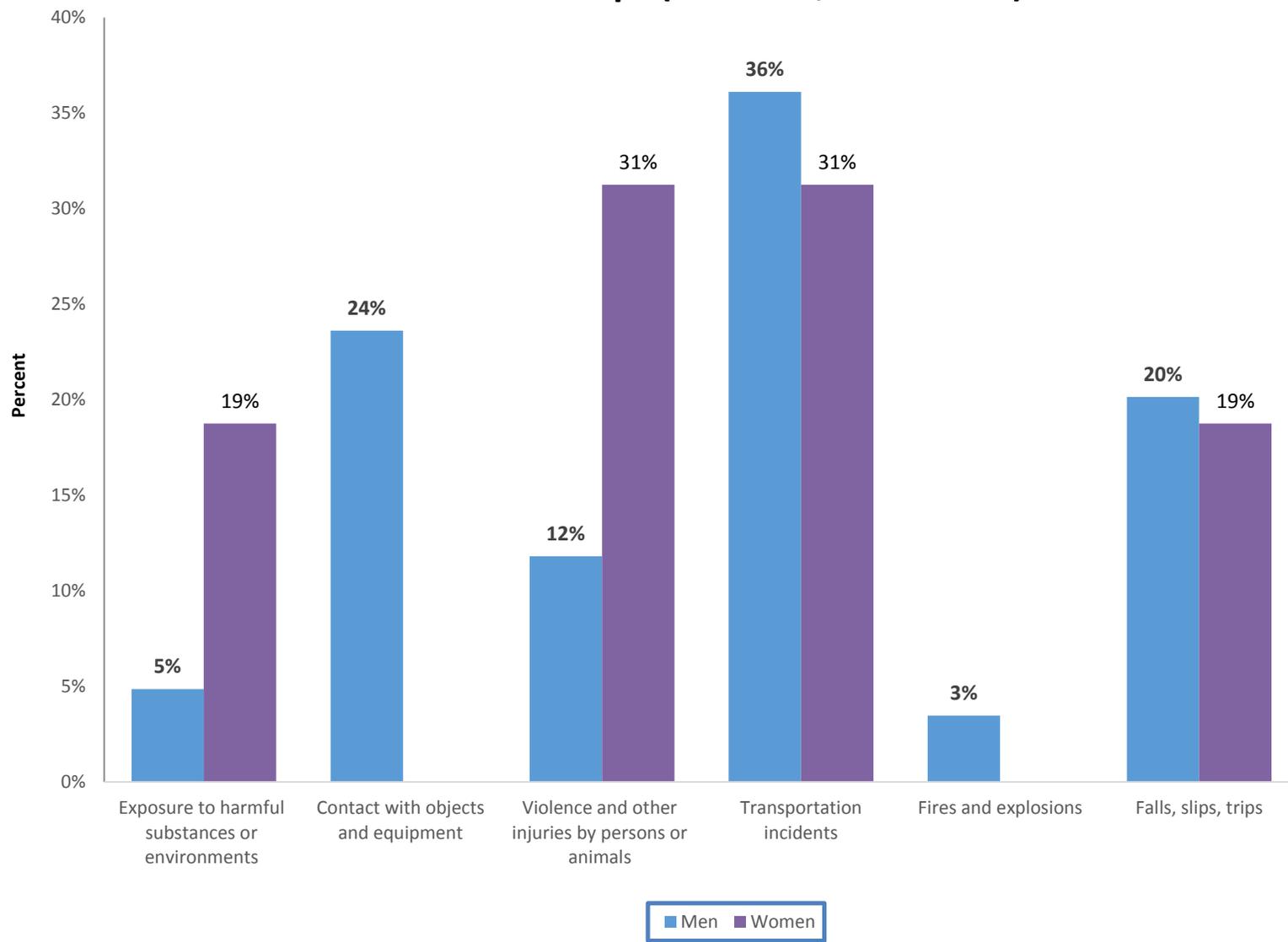


Source: Ohio Department of Health and U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries

**Fatal work injuries by event or exposure, Ohio, 2012, all ownerships
(161 total fatal injuries)**

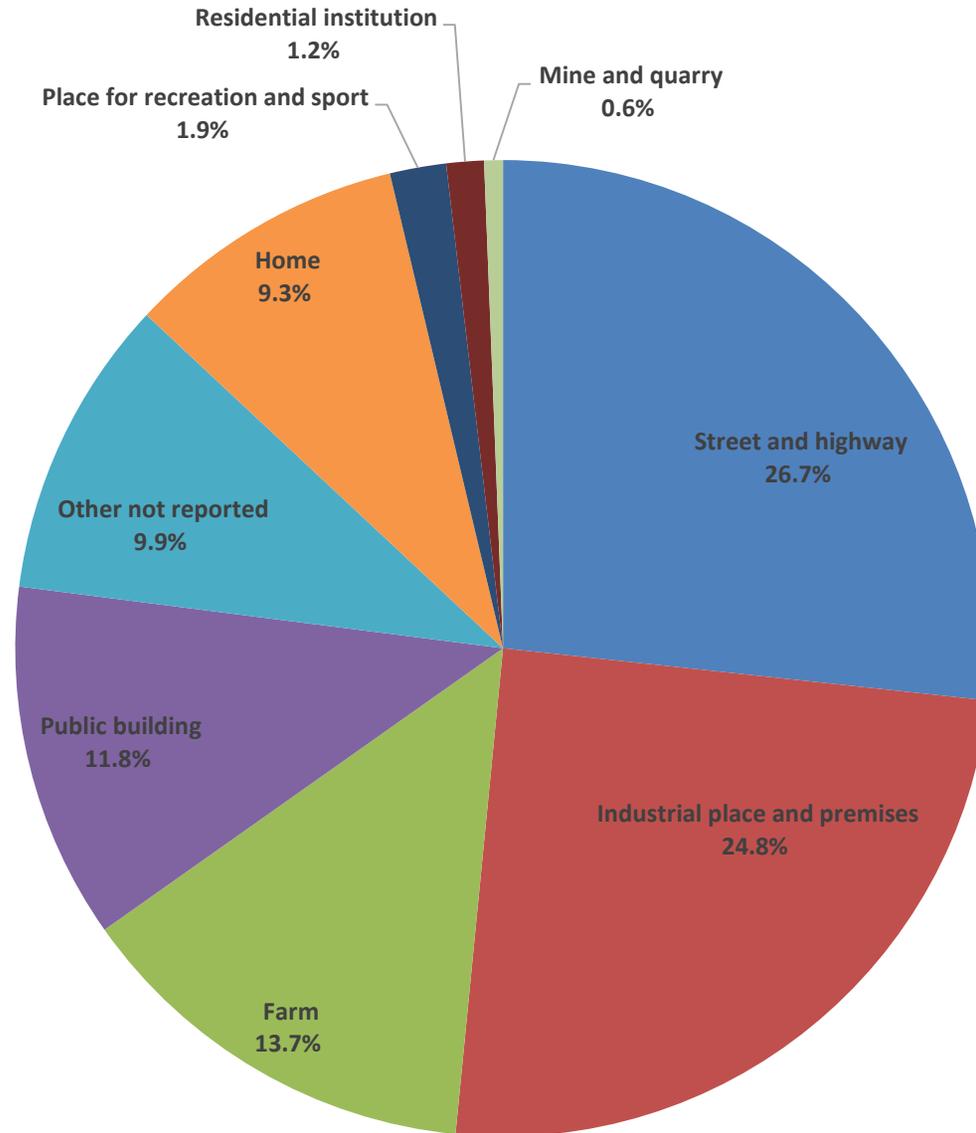


Fatal work injuries varied between men and women, Ohio, 2012, all ownerships (144 men, 17 women)

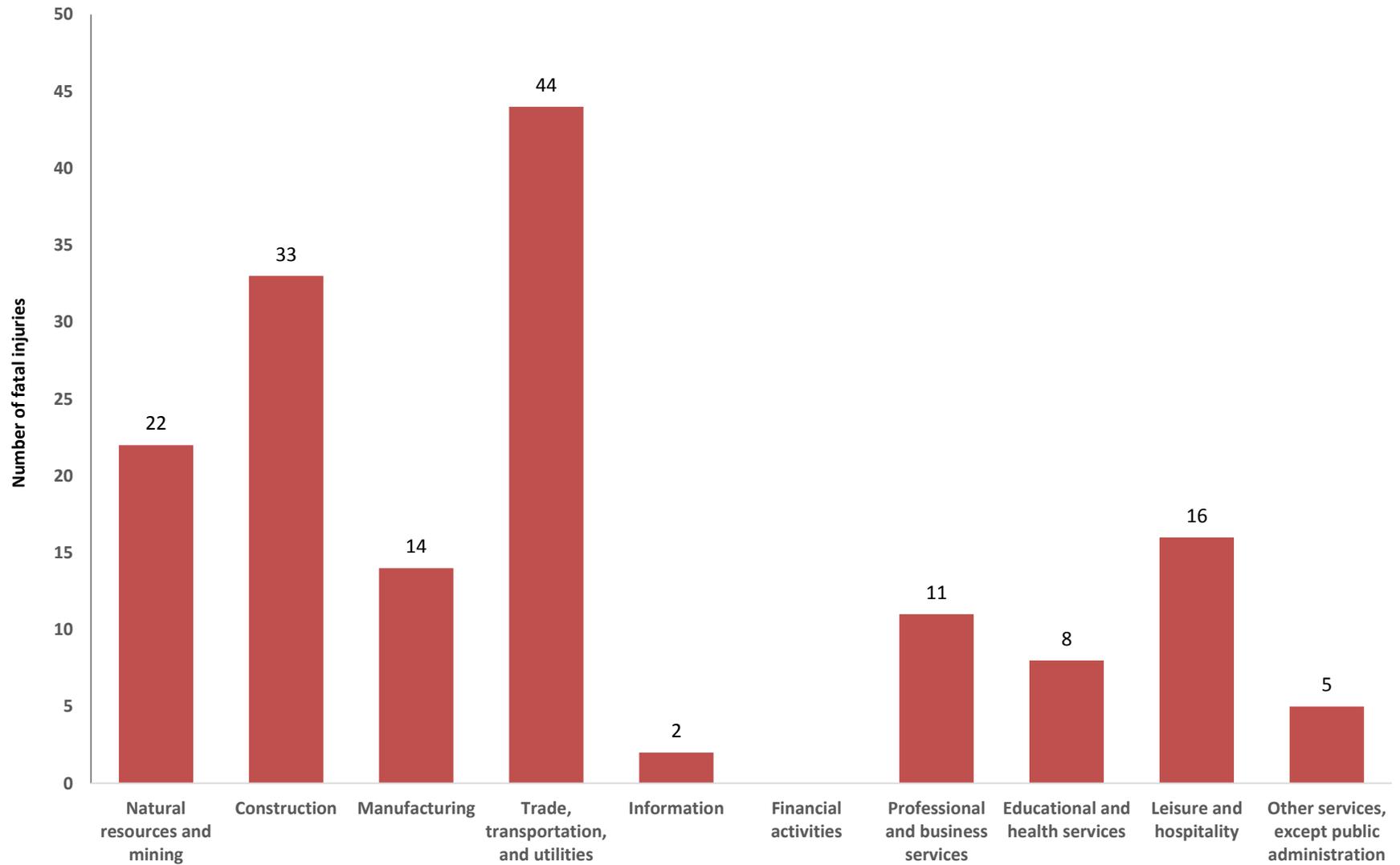


Source: Ohio Department of Health and U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries

Fatal work injuries by location, Ohio, 2012, all ownerships (161 total fatal injuries)



Fatal work injuries in selected industries, Ohio, 2012, all ownerships (161 total fatal injuries)



Source: Ohio Department of Health and U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries

Occupations with the largest number of fatal work injuries, Ohio, 2012, all ownerships (161 total fatal injuries)

