

Fatal occupational injuries by selected worker characteristics, all ownerships, Ohio, 2012-2013

Characteristic	2012		2013	
	Number	Percent	Number	Percent
Total:	161	100%	149	100%
Employee status:				
Wage and salary ²	117	73%	115	77%
Self-employed ³	44	27%	34	23%
Gender:				
Women	17	11%	13	9%
Men	144	89%	136	91%
Age:				
Under 16 years	3	2%	--	--
16 to 17 years	--	--	--	--
18 to 19 years	3	2%	1	1%
20 to 24 years	9	6%	2	1%
25 to 34 years	18	11%	24	16%
35 to 44 years	25	16%	26	17%
45 to 54 years	38	24%	42	28%
55 to 64 years	38	24%	36	24%
65 years and over	27	17%	18	12%
Race or ethnic origin⁴:				
White (non-Hispanic)	134	83%	127	85%
Black or African-American (non-Hispanic)	17	11%	16	11%
Hispanic or Latino	8	5%	--	--
American Indian or Alaska Native (non-Hispanic)	--	--	--	--
Asian (non-Hispanic)	2	1%	3	2%
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	22	14%	23	15%
Intentional injury by person	19	12%	23	15%
Homicides (Intentional injury by other person)	15	9%	16	11%
Suicides (Self-inflicted injury--intentional)	4	2%	7	5%
Transportation incidents	57	35%	52	35%
Aircraft incidents	2	1%	3	2%
Pedestrian vehicular incident	5	3%	4	3%
Roadway incidents involving motorized land vehicle	36	22%	33	22%
Roadway collision with other vehicle	16	10%	22	15%
Roadway noncollision incident	3	2%	--	--
Nonroadway incidents involving motorized land vehicles	13	8%	11	7%
Nonroadway noncollision incident	10	6%	9	6%
Jack-knifed or overturned, nonroadway	6	4%	7	5%
Fires and explosions	5	3%	4	3%
Falls, slips, trips	32	20%	33	22%
Falls on same level	9	6%	9	6%
Falls to lower level	22	14%	24	16%
Fall from collapsing structure or equipment	--	--	--	--

Fatal occupational injuries by selected worker characteristics, all ownerships, Ohio, 2012-2013

Characteristic	2012		2013	
	Number	Percent	Number	Percent
Fall through surface or existing opening	3	2%	4	3%
Exposure to harmful substances or environments	10	6%	7	5%
Exposure to electricity	--	--	3	2%
Exposure to temperature extremes	--	--	--	--
Contact with objects and equipment	35	22%	30	20%
Struck by object or equipment	18	11%	21	14%
Struck by powered vehicle--nontransport	7	4%	11	7%
Struck by falling object or equipment--other than powered vehicle	7	4%	5	3%
Caught in or compressed by equipment or objects	13	8%	4	3%
Caught in running equipment or machinery	8	5%	4	3%
Primary source^{5,6}:				
Chemicals and chemical products	6	4%	5	3%
Containers, furniture, and fixtures	3	2%	3	2%
Machinery	19	12%	18	12%
Agricultural and garden machinery	4	2%	4	3%
Construction, logging, and mining machinery	6	4%	7	5%
Material and personnel handling machinery	4	2%	4	3%
Parts and materials	4	2%	5	3%
Machine, tool, and electric parts	--	--	3	2%
Persons, plants, animals, and minerals	29	18%	30	20%
Person--other than injured or ill worker	16	10%	16	11%
Relative or domestic partner of injured or ill worker	3	2%	2	1%
Co-worker or work associate of injured or ill worker	1	1%	--	--
Assailant, suspect, inmate	7	4%	11	7%
Robber	4	2%	8	5%
Plants, trees, vegetation--not processed	5	3%	6	4%
Trees, logs, limbs	5	3%	4	3%
Structures and surfaces	27	17%	17	11%
Buildings--office, plant, residential	--	--	--	--
Structures other than buildings	3	2%	4	3%
Scaffolds, staging	3	2%	--	--
Other structural elements	10	6%	4	3%
Roofs	7	4%	4	3%
Tools, instruments, and equipment	8	5%	8	5%
Ladders	7	4%	7	5%
Vehicles	63	39%	61	41%
Highway vehicles, motorized	42	26%	44	30%
Passenger vehicles--automobiles, buses, and passenger vans	11	7%	8	5%
Trucks--motorized freight hauling and utility	23	14%	30	20%
Multi-purpose highway vehicles	8	5%	6	4%
Off-road and industrial vehicles--powered	17	11%	13	9%
Industrial vehicles, material hauling and transport--powered	4	2%	4	3%
Forklift, order picker, platform truck--powered	4	2%	4	3%
Tractors, PTOs	10	6%	9	6%

Fatal occupational injuries by selected worker characteristics, all ownerships, Ohio, 2012-2013

Characteristic	2012		2013	
	Number	Percent	Number	Percent
Secondary source^{5,7}:				
Chemicals and chemical products	--	--	--	--
Containers, furniture, and fixtures	--	--	5	3%
Machinery	6	4%	5	3%
Parts and materials	8	5%	9	6%
Machine, tool, and electric parts	3	2%	1	1%
Persons, plants, animals, and minerals	9	6%	6	4%
Plants, trees, vegetation--not processed	8	5%	6	4%
Trees, logs, limbs	8	5%	5	3%
Structures and surfaces	19	12%	14	9%
Confined spaces	--	--	4	3%
Structures other than buildings	11	7%	7	5%
Floors, walkways, ground surfaces	5	3%	3	2%
Tools, instruments, and equipment	15	9%	16	11%
Vehicles	19	12%	26	17%
Highway vehicles, motorized	18	11%	23	15%
Off-road and industrial vehicles--powered	1	1%	--	--
Nature⁵:				
Traumatic injuries to bones, nerves, spinal cord	11	7%	3	2%
Traumatic injuries to muscles, tendons, ligaments, joints, etc.	--	--	--	--
Open wounds	15	9%	17	11%
Gunshot wounds	14	9%	15	10%
Surface wounds and bruises	--	--	--	--
Burns and corrosions	4	2%	4	3%
Intracranial injuries	33	20%	33	22%
Effects of environmental conditions	--	--	--	--
Multiple traumatic injuries and disorders	53	33%	55	37%
Burns and other injuries, except fractures	--	--	3	2%
Intracranial injuries and injuries to internal organs	6	4%	8	5%
Other traumatic injuries and disorders	43	27%	37	25%
Asphyxiations, strangulations, suffocations	11	7%	19	13%
Drownings	3	2%	1	1%
Electrocutions, electric shocks	--	--	2	1%
Internal injuries to organs and blood vessels of the trunk	21	13%	11	7%
Other poisoning, toxic, noxious, or allergenic effects	4	2%	4	3%
Part of body⁵:				
Head	39	24%	38	26%
Neck, including throat	9	6%	5	3%
Trunk	29	18%	19	13%
Chest, including ribs, internal organs	13	8%	7	5%
Back, including spine, spinal cord	1	1%	2	1%
Upper extremities	3	2%	--	--
Lower extremities	1	1%	1	1%
Body systems	21	13%	24	16%
Multiple body parts	59	37%	62	42%
Head and neck	6	4%	3	2%
Head, neck, and trunk	4	2%	8	5%
Head and trunk	6	4%	8	5%

Fatal occupational injuries by selected worker characteristics, all ownerships, Ohio, 2012-2013

Characteristic	2012		2013	
	Number	Percent	Number	Percent
Other multiple body parts	19	12%	22	15%
Whole body	4	2%	1	1%
Worker activity:				
Vehicular and transportation operations	58	36%	56	38%
Using or operating tools, machinery	12	7%	16	11%
Constructing, repairing, cleaning	44	27%	29	19%
Protective service activities	4	2%	1	1%
Material handling operations	8	5%	17	11%
Physical activities, n.e.c.	9	6%	4	3%
Other activities	21	13%	24	16%
Tending an establishment, waiting on customers	7	4%	9	6%
Location:				
Home	15	9%	10	7%
Farm	22	14%	16	11%
Mine and quarry	1	1%	1	1%
Industrial place and premises	40	25%	40	27%
Place for recreation and sport	3	2%	6	4%
Street and highway	43	27%	42	28%
Public building	19	12%	24	16%
Residential institution	2	1%	--	--
Occupation⁸:				
Management Occupations	22	14%	22	15%
Business and Financial Operations Occupations	--	--	--	--
Computer and Mathematical Occupations	--	--	1	1%
Architecture and Engineering Occupations	--	--	--	--
Life, Physical, and Social Science Occupations	--	--	1	1%
Community and Social Services Occupations	2	1%	1	1%
Legal Occupations	--	--	1	1%
Education, Training, and Library Occupations	1	1%	--	--
Arts, Design, Entertainment, Sports, and Media Occupations	2	1%	3	2%
Healthcare Practitioner and Technical Occupations	2	1%	--	--
Healthcare Support Occupations	--	--	--	--
Protective Service Occupations	6	4%	5	3%
Food Preparation and Serving Related Occupations	6	4%	3	2%
Building and Grounds Cleaning and Maintenance Occupations	6	4%	9	6%
Personal Care and Service Occupations	1	1%	--	--
Sales and Related Occupations	5	3%	12	8%
Office and Administrative Support Occupations	3	2%	--	--
Farming, Fishing, and Forestry Occupations	8	5%	2	1%
Construction and Extraction Occupations	33	20%	27	18%
Installation, Maintenance, and Repair Occupations	11	7%	9	6%
Production Occupations	9	6%	11	7%
Transportation and Material Moving Occupations	43	27%	40	27%
Military Specific Occupations ⁹	--	--	--	--
Private industry¹⁰:	148	92%	140	94%
Goods producing	65	40%	60	40%

Fatal occupational injuries by selected worker characteristics, all ownerships, Ohio, 2012-2013

Characteristic	2012		2013	
	Number	Percent	Number	Percent
Natural resources and mining ¹¹	22	14%	22	15%
Construction	29	18%	19	13%
Manufacturing	14	9%	19	13%
Service providing	83	52%	80	54%
Trade, transportation, and utilities	41	25%	44	30%
Information	2	1%	2	1%
Financial activities	--	--	1	1%
Professional and business services	11	7%	10	7%
Educational and health services	7	4%	3	2%
Leisure and hospitality	16	10%	12	8%
Other services, except public administration	5	3%	8	5%
Government¹²:	13	8%	9	6%
Federal government	--	--	--	--
State government	2	1%	2	1%
Local government	9	6%	7	5%

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.