

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry ¹ sector, South Carolina, 2016

Primary source and secondary source ²	Total fatal injuries (number)	Goods producing				Service providing							
		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	96	35	6	21	8	51	25	--	1	13	--	6	5
Primary Source⁴													
Chemicals and chemical products	7	4	--	2	2	--	--	--	--	1	--	--	--
Acids and alkalis	1	1	--	--	1	--	--	--	--	--	--	--	--
Alkalies	1	1	--	--	1	--	--	--	--	--	--	--	--
Sodium and potassium hydroxide, potassium carbonate	1	1	--	--	1	--	--	--	--	--	--	--	--
Chemical products--general	6	3	--	2	1	--	--	--	--	1	--	--	--
Drugs, alcohol, and medicines	6	3	--	2	1	--	--	--	--	1	--	--	--
Medicines, except vaccines	1	1	--	1	--	--	--	--	--	--	--	--	--
Multiple drugs, alcohol, medicines	3	2	--	1	1	1	--	--	--	1	--	--	--
Containers, furniture, and fixtures	--	--	--	--	--	1	1	--	--	--	--	--	--
Containers	1	--	--	--	--	1	1	--	--	--	--	--	--
Containers--variable restraint	1	--	--	--	--	1	1	--	--	--	--	--	--
Bundles, bales	1	--	--	--	--	1	1	--	--	--	--	--	--
Machinery	5	3	--	--	1	1	1	--	--	--	--	--	--
Construction, logging, and mining machinery	--	--	--	--	--	--	--	--	--	--	--	--	--
Excavating machinery	1	1	--	1	--	--	--	--	--	--	--	--	--
Backhoes, trackhoes	1	1	--	1	--	--	--	--	--	--	--	--	--
Material and personnel handling machinery	1	--	--	--	--	1	1	--	--	--	--	--	--
Other material and personnel handling machinery	1	--	--	--	--	1	1	--	--	--	--	--	--
Banding, baling, strapping machinery	1	--	--	--	--	1	1	--	--	--	--	--	--
Special process machinery	1	1	--	--	1	--	--	--	--	--	--	--	--
Other special process machinery	1	1	--	--	1	--	--	--	--	--	--	--	--
Pumps	1	1	--	--	1	--	--	--	--	--	--	--	--
Parts and materials	4	3	--	3	--	1	--	--	--	--	--	--	1
Machine, tool, and electric parts	--	--	--	--	--	--	--	--	--	--	--	--	--
Electric parts	--	--	--	--	--	--	--	--	--	--	--	--	--
Power lines, transformers, convertors	1	1	--	1	--	--	--	--	--	--	--	--	--
Vehicle and mobile equipment parts	1	--	--	--	--	1	--	--	--	--	--	--	1
Trailers	1	--	--	--	--	1	--	--	--	--	--	--	1
Persons, plants, animals, and minerals	19	--	--	--	--	13	3	--	4	--	--	3	3
Person--injured or ill worker	4	--	--	--	--	1	--	--	--	--	--	1	--
Person--other than injured or ill worker	10	--	--	--	--	9	3	--	1	--	--	2	3
Co-worker or work associate of injured or ill worker	--	--	--	--	--	--	--	--	--	--	--	1	--
Co-worker	--	--	--	--	--	--	--	--	--	--	--	1	--
Other client or customer	2	--	--	--	--	2	1	--	1	--	--	--	--
Acquaintance	1	--	--	--	--	1	--	--	--	--	--	--	1
Assailant, suspect, inmate	5	--	--	--	--	4	2	--	--	--	--	1	1
Robber	4	--	--	--	--	4	2	--	--	--	--	1	1
Suspect not yet apprehended	1	--	--	--	--	--	--	--	--	--	--	--	--
Plants, trees, vegetation--not processed	5	--	--	--	--	3	--	--	--	3	--	--	--
Trees, logs, limbs	5	--	--	--	--	3	--	--	--	3	--	--	--
Trees	3	--	--	--	--	1	--	--	--	1	--	--	--
Limbs, branches--unattached	1	--	--	--	--	1	--	--	--	1	--	--	--
Structures and surfaces	15	11	--	10	--	3	--	--	--	--	--	1	--
Confined spaces	1	1	--	1	--	--	--	--	--	--	--	--	--
Ditches, channels, trenches, excavations	1	1	--	1	--	--	--	--	--	--	--	--	--
Other structural elements	6	6	--	6	--	--	--	--	--	--	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry ¹ sector, South Carolina, 2016

Primary source and secondary source ²	Total fatal injuries (number)	Goods producing				Service providing							
		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
Roofs	4	4	--	4	--	--	--	--	--	--	--	--	--
Trusses, girders, beams--structurally attached	--	--	--	--	--	--	--	--	--	--	--	--	--
Girders, beams, structural steel	1	1	--	1	--	--	--	--	--	--	--	--	--
Floors, walkways, ground surfaces	6	--	--	--	--	3	--	--	--	--	--	1	--
Floors	--	--	--	--	--	1	--	--	--	--	--	1	--
Tools, instruments, and equipment	--	--	--	--	--	--	--	--	1	--	--	--	--
Protective equipment, except clothing	1	--	--	--	--	1	--	--	1	--	--	--	--
Lifelines, lanyards, safety belts, harnesses	1	--	--	--	--	1	--	--	1	--	--	--	--
Vehicles	40	11	4	--	5	27	19	--	1	5	--	--	1
Rail vehicles	1	1	--	--	1	--	--	--	--	--	--	--	--
Industrial, mining rail vehicle	1	1	--	--	1	--	--	--	--	--	--	--	--
Highway vehicles, motorized	36	8	--	--	4	26	18	--	1	5	--	--	1
Passenger vehicle--automobiles, buses, and passenger vans	6	1	--	--	1	3	--	--	--	--	--	--	--
Ambulance, police, and other emergency passenger vehicle	1	--	--	--	--	--	--	--	--	--	--	--	--
Automobile	3	1	--	--	1	--	--	--	--	--	--	--	--
Bus	1	--	--	--	--	--	--	--	--	--	--	--	--
Trucks--motorized freight hauling and utility	25	4	--	--	2	21	16	--	1	3	--	--	1
Semi, tractor-trailer, tanker truck	18	--	--	--	--	16	15	--	--	--	--	--	1
Boom truck, bucket or basket hoist truck	1	--	--	--	--	1	--	--	--	1	--	--	--
Dump truck	1	--	--	--	--	1	1	--	--	--	--	--	--
Delivery truck or van	2	1	--	--	1	1	--	--	1	--	--	--	--
Cement truck, concrete mixer truck	1	1	--	--	1	--	--	--	--	--	--	--	--
Multi-purpose highway vehicles	5	3	--	--	1	--	--	--	--	1	--	--	--
Pickup truck	3	--	--	--	--	1	--	--	--	1	--	--	--
SUV, sports utility vehicle	--	1	--	--	1	--	--	--	--	--	--	--	--
Other sources	2	--	--	--	--	1	1	--	--	--	--	--	--
Environmental and elemental conditions	1	--	--	--	--	--	--	--	--	--	--	--	--
Temperature extremes--environmental	1	--	--	--	--	--	--	--	--	--	--	--	--
Heat--environmental	1	--	--	--	--	--	--	--	--	--	--	--	--
Scrap, waste, debris	1	--	--	--	--	1	1	--	--	--	--	--	--
Chips, particles, splinters	1	--	--	--	--	1	1	--	--	--	--	--	--
Broken glass, glass chips, or fibers	1	--	--	--	--	1	1	--	--	--	--	--	--
Secondary Source⁵													
Chemicals and chemical products	1	1	--	--	1	--	--	--	--	--	--	--	--
Other chemicals	1	1	--	--	1	--	--	--	--	--	--	--	--
Plastics, resins	1	1	--	--	1	--	--	--	--	--	--	--	--
Machinery	4	3	--	--	1	--	--	--	--	--	--	--	--
Construction, logging, and mining machinery	3	--	--	--	--	--	--	--	--	--	--	--	--
Material and personnel handling machinery	1	1	--	--	1	--	--	--	--	--	--	--	--
Jacks	1	1	--	--	1	--	--	--	--	--	--	--	--
Parts and materials	6	4	1	3	--	1	1	--	--	--	--	--	--
Fasteners, connectors, ropes, ties	1	--	--	--	--	--	--	--	--	--	--	--	--
Ropes, ties, chains	1	--	--	--	--	--	--	--	--	--	--	--	--
Rope, twine, string	1	--	--	--	--	--	--	--	--	--	--	--	--
Machine, tool, and electric parts	3	3	1	--	--	--	--	--	--	--	--	--	--
Electric parts	3	3	1	--	--	--	--	--	--	--	--	--	--
Power lines, transformers, convertors	3	3	1	--	--	--	--	--	--	--	--	--	--
Vehicle and mobile equipment parts	1	--	--	--	--	1	1	--	--	--	--	--	--
Trailers	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, South Carolina, 2016

Primary source and secondary source ²	Total fatal injuries (number)	Goods producing				Service providing							
		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
Persons, plants, animals, and minerals	6	--	--	--	--	6	5	--	--	--	--	--	--
Plants, trees, vegetation--not processed	5	--	--	--	--	5	4	--	--	--	--	--	--
Trees, logs, limbs	5	--	--	--	--	5	4	--	--	--	--	--	--
Trees	5	--	--	--	--	5	4	--	--	--	--	--	--
Structures and surfaces	7	--	--	--	--	3	1	--	--	1	--	--	1
Buildings--office, plant, residential	2	--	--	--	--	--	--	--	--	--	--	--	--
Residential buildings, except institutionalized	1	--	--	--	--	--	--	--	--	--	--	--	--
Institutionalized residential building, except jails	1	--	--	--	--	--	--	--	--	--	--	--	--
Structures other than buildings	3	--	--	--	--	2	--	--	--	1	--	--	1
Other structures	3	--	--	--	--	2	--	--	--	1	--	--	1
Other structural elements	--	--	--	--	--	1	1	--	--	--	--	--	--
Windows, openings	1	--	--	--	--	1	1	--	--	--	--	--	--
Tools, instruments, and equipment	13	2	--	1	1	10	3	--	--	--	--	3	2
Handtools--nonpowered	1	--	--	--	--	1	--	--	--	--	--	--	1
Cutting handtools--nonpowered	1	--	--	--	--	1	--	--	--	--	--	--	1
Knives, unspecified or n.e.c.	1	--	--	--	--	1	--	--	--	--	--	--	1
Handtools--powered	1	1	--	--	1	--	--	--	--	--	--	--	--
Welding and heating handtools--powered	1	1	--	--	1	--	--	--	--	--	--	--	--
Welding, cutting, and blow torches	1	1	--	--	1	--	--	--	--	--	--	--	--
Medical and surgical instruments and equipment	1	1	--	1	--	--	--	--	--	--	--	--	--
Medical sharps instruments	1	1	--	1	--	--	--	--	--	--	--	--	--
Needles, syringes	1	1	--	1	--	--	--	--	--	--	--	--	--
Firearms, law enforcement, and other self-defense equipment	9	--	--	--	--	8	3	--	--	1	--	3	1
Firearms	9	--	--	--	--	8	3	--	--	1	--	3	1
Pistol, handgun, revolver	9	--	--	--	--	8	3	--	--	1	--	3	1
Vehicles	11	3	1	--	1	7	6	--	1	--	--	--	--
Highway vehicles, motorized	11	3	1	--	1	7	6	--	1	--	--	--	--
Passenger vehicle--automobiles, buses, and passenger vans	--	--	--	--	--	--	--	--	--	--	--	--	--
Automobile	1	--	--	--	--	1	1	--	--	--	--	--	--
Trucks--motorized freight hauling and utility	6	--	1	--	--	4	3	--	1	--	--	--	--
Semi, tractor-trailer, tanker truck	4	--	--	--	--	3	--	--	1	--	--	--	--
Delivery truck or van	2	1	1	--	--	1	1	--	--	--	--	--	--
Multi-purpose highway vehicles	3	1	--	--	1	1	1	--	--	--	--	--	--
Pickup truck	2	--	--	--	--	1	1	--	--	--	--	--	--
SUV, sports utility vehicle	1	1	--	--	1	--	--	--	--	--	--	--	--
Other sources	3	2	--	1	1	--	--	--	--	--	--	--	--
Apparel and textiles	--	1	--	1	--	--	--	--	--	--	--	--	--
Clothing and shoes	--	1	--	1	--	--	--	--	--	--	--	--	--
Belts, gloves, neckties, scarves	1	1	--	1	--	--	--	--	--	--	--	--	--
Environmental and elemental conditions	1	1	--	--	1	--	--	--	--	--	--	--	--
Weather and atmospheric conditions	1	1	--	--	1	--	--	--	--	--	--	--	--
Ice, sleet, snow	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, South Carolina, 2016

Primary source and secondary source ²	Total fatal injuries (number)	Goods producing				Service providing							
		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

¹ 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>.

² Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 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.

⁴ 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.

⁵ 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 15, 2017