

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, All U.S., 2011

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	Education and health services	Leisure and hospitality	Other services
Total	4693	1786	721	738	327	2402	1246	56	98	433	154	231	183
Primary Source⁴													
Chemicals and chemical products	164	59	18	26	15	95	41	--	--	20	13	10	9
Acids and alkalis	3	--	--	--	--	--	--	--	--	--	--	--	--
Aromatics and hydrocarbon derivatives, except halogenated	--	--	--	--	--	1	--	--	--	--	1	--	--
Other aromatics and hydrocarbon derivatives, except halogenated	1	--	--	--	--	1	--	--	--	--	1	--	--
Halogens and halogen compounds	8	3	--	--	--	3	3	--	--	--	--	--	--
Chlorine and chlorine compounds	5	--	--	--	--	--	--	--	--	--	--	--	--
Chlorine, chlorine bleach	1	--	--	--	--	--	--	--	--	--	--	--	--
Fluorine and fluorine compounds	3	--	--	--	--	1	1	--	--	--	--	--	--
Fluorotrichloromethane	1	--	--	--	--	1	1	--	--	--	--	--	--
Metallic particulates, trace elements, dusts, powders, fumes	2	1	--	--	1	1	--	--	--	1	--	--	--
Multiple metallics and metallic compounds	2	1	--	--	1	1	--	--	--	1	--	--	--
Pesticides and other agricultural chemicals	3	--	--	--	--	--	--	--	--	--	--	--	--
Coal, natural gas, petroleum fuels and products	19	9	4	3	--	10	9	--	--	--	--	--	--
Natural gas	4	--	--	1	--	1	1	--	--	--	--	--	--
Petroleum, crude oil	1	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum fuels, distillates, and products, n.e.c.	13	4	--	--	--	9	8	--	--	--	--	--	--
Gasoline, diesel fuel, jet fuel	10	4	--	--	--	6	5	--	--	--	--	--	--
Propane	3	--	--	--	--	3	3	--	--	--	--	--	--
Other chemicals	40	23	5	15	3	17	3	--	--	8	--	--	3
Oxygen and oxygen compounds	14	5	--	5	--	9	--	--	--	5	--	--	2
Carbon monoxide	12	5	--	5	--	7	--	--	--	4	--	--	2
Plastics, resins	1	1	--	1	--	--	--	--	--	--	--	--	--
Resins	1	1	--	1	--	--	--	--	--	--	--	--	--
Sewer, mine, and similar gases	5	5	--	5	--	--	--	--	--	--	--	--	--
Sulfur and sulfur compounds	10	6	--	--	--	--	--	--	--	--	--	--	--
Hydrogen sulfide	9	5	--	--	--	--	--	--	--	--	--	--	--
Multiple chemicals or chemical mixtures, n.e.c.	5	--	--	--	--	3	--	--	--	--	--	--	--

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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	Education and health services	Leisure and hospitality	Other services
Chemical products--general	83	17	6	7	4	58	23	--	--	9	12	8	5
Drugs, alcohol, and medicines	72	16	6	7	3	50	20	--	--	4	12	8	5
Alcoholic beverages	--	1	1	--	--	--	--	--	--	--	--	--	--
Drugs--nonmedicinal	43	7	--	3	3	34	16	--	--	--	4	8	4
Medicines, except vaccines	16	4	3	--	--	11	--	--	--	--	8	--	1
Multiple drugs, alcohol, medicines	9	4	--	3	--	4	--	--	--	--	--	--	--
Explosives, blasting agents	6	--	--	--	--	6	1	--	--	5	--	--	--
Gunpowder	1	--	--	--	--	1	1	--	--	--	--	--	--
Pyrotechnics, fireworks	5	--	--	--	--	5	--	--	--	5	--	--	--
Solvents, degreasers	2	1	--	--	1	--	--	--	--	--	--	--	--
Multiple solvents, degreasers	1	1	--	--	1	--	--	--	--	--	--	--	--
Other chemical products--general	1	--	--	--	--	1	1	--	--	--	--	--	--
Containers, furniture, and fixtures	89	45	17	12	16	40	23	--	--	7	--	--	4
Containers	68	35	15	8	12	31	21	--	--	5	--	--	3
Containers--nonpressurized	26	15	5	6	4	10	6	--	--	--	--	--	--
Bags, sacks	3	--	--	--	1	--	--	--	--	--	--	--	--
Barrels, drums--except pressurized	4	--	--	--	--	3	--	--	--	--	--	--	--
Boxes, crates, cartons	5	3	--	--	--	--	--	--	--	--	--	--	--
Buckets, baskets, pails	--	1	--	1	--	--	--	--	--	--	--	--	--
Tanks, bins, vats--nonconfined space	11	8	4	--	--	3	3	--	--	--	--	--	--
Containers--pressurized	18	9	--	--	5	8	5	--	--	--	--	--	--
Pressure lines, except hoses	3	--	--	--	--	--	--	--	--	--	--	--	--
Propane tanks and cylinders	4	--	--	--	--	--	1	--	--	--	--	--	--
Beer and soda kegs	1	--	--	--	--	1	1	--	--	--	--	--	--
Fire extinguishers	1	1	--	--	1	--	--	--	--	--	--	--	--
Containers--variable restraint	20	10	8	--	--	10	8	--	--	--	--	--	--
Bundles, bales	17	8	7	--	--	9	7	--	--	--	--	--	--
Reels, rolls, spools, coils, cones	3	--	--	--	1	--	--	--	--	--	--	--	--
Skids, pallets	4	--	--	--	--	3	--	--	--	--	--	--	--
Furniture and fixtures	21	10	2	4	4	9	--	--	--	--	1	--	--
Cases, cabinets, racks, shelves	6	4	2	--	--	--	--	--	--	--	--	--	--
Racks--garment and other	4	2	2	--	--	--	--	--	--	--	--	--	--

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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	Education and health services	Leisure and hospitality	Other services
Furniture	7	--	--	--	--	4	--	--	--	--	1	--	--
Chairs	4	--	--	--	--	4	--	--	--	--	1	--	--
Lighting fixtures and equipment	7	3	--	--	--	3	--	--	--	--	--	--	--
Lamps, light fixtures	5	--	--	--	--	--	--	--	--	1	--	--	--
Machinery	388	265	108	102	55	110	35	3	--	32	--	14	22
Agricultural and garden machinery	57	28	27	--	--	24	6	1	--	9	--	5	3
Harvesting and threshing machinery	17	12	12	--	--	5	3	--	--	--	--	--	--
Balers--agricultural	5	4	4	--	--	--	--	--	--	--	--	--	--
Combines	5	4	4	--	--	--	--	--	--	--	--	--	--
Harvesters, reapers	4	--	--	--	--	2	2	--	--	--	--	--	--
Mowing machinery	29	5	5	--	--	19	3	1	--	9	--	5	--
Lawn mowers--riding	19	3	3	--	--	12	--	1	--	6	--	4	--
Brush hogs--tractor	6	--	--	--	--	3	--	--	--	--	--	--	--
Sickle bars--tractor	1	--	--	--	--	1	1	--	--	--	--	--	--
Mower--tractor, n.e.c.	3	--	--	--	--	3	--	--	--	1	--	--	--
Other agricultural and garden machinery	7	7	6	--	--	--	--	--	--	--	--	--	--
Feed grinders, crushers, mixers--agricultural	5	5	5	--	--	--	--	--	--	--	--	--	--
Irrigation machinery	2	--	1	--	--	--	--	--	--	--	--	--	--
Construction, logging, and mining machinery	157	123	58	62	3	29	10	--	--	11	--	2	6
Excavating machinery	50	42	11	31	--	6	--	--	--	1	--	1	--
Backhoes, trackhoes	26	22	6	16	--	--	--	--	--	--	--	--	--
Bulldozers	15	11	5	6	--	4	--	--	--	1	--	1	--
Mini excavators	1	1	--	1	--	--	--	--	--	--	--	--	--
Trenchers	4	4	--	4	--	--	--	--	--	--	--	--	--
Loaders	45	29	15	12	--	15	4	--	--	7	--	1	3
Bucket, front-end, end, and pay loaders	28	17	8	7	--	10	3	--	--	4	--	--	3
Skid steer loaders, mini loaders	16	12	7	5	--	4	--	--	--	--	--	1	--
Logging and wood processing machinery--specialized	19	15	13	--	1	4	--	--	--	1	--	--	1
Forwarding and yarding machinery, except feller-forwarders	1	1	1	--	--	--	--	--	--	--	--	--	--
Skidders--cable and grapple	11	9	8	--	--	--	--	--	--	--	--	--	--
Chippers	4	--	--	--	--	2	--	--	--	1	--	--	1
Mining and drilling machinery	26	24	18	6	--	--	--	--	--	--	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, All U.S., 2011

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	Education and health services	Leisure and hospitality	Other services
Drilling machines, drilling augers	7	6	--	4	--	--	--	--	--	--	--	--	--
Mineral sorters, separators, concentrators	1	1	1	--	--	--	--	--	--	--	--	--	--
Tunneling machines	1	--	--	--	--	--	--	--	--	--	--	--	--
Oil drilling rigs and machinery	14	14	14	--	--	--	--	--	--	--	--	--	--
Road grading and surfacing machinery	14	11	--	11	--	--	--	--	--	--	--	--	--
Asphalt and concrete spreaders	1	1	--	1	--	--	--	--	--	--	--	--	--
Asphalt and concrete paving machines, pavers	1	--	--	--	--	--	--	--	--	--	--	--	--
Rollers, compactors--construction	6	5	--	5	--	--	--	--	--	--	--	--	--
Graders, scrapers--construction	6	4	--	4	--	--	--	--	--	--	--	--	--
Other construction, logging, and mining machinery	3	--	1	--	--	1	--	--	--	1	--	--	--
Compactors, crushers, pulverizers--earth, mineral	3	--	1	--	--	1	--	--	--	1	--	--	--
Heating, cooling, and cleaning machinery and appliances	19	7	--	3	4	12	4	--	1	--	--	--	5
Cooling and humidifying machinery and appliances	7	3	--	3	--	4	--	--	1	--	--	--	--
Air conditioning units	4	--	--	--	--	--	--	--	--	--	--	--	--
Fans, blowers--wall, floor, ceiling, ventilation	2	1	--	1	--	1	--	--	1	--	--	--	--
Heating and cooking machinery and appliances	5	--	--	--	--	--	--	--	--	--	--	--	--
Washers, dryers, and cleaning machinery and appliances	7	--	--	--	--	6	--	--	--	--	--	--	5
Material and personnel handling machinery	102	67	18	33	16	33	11	--	--	9	--	6	5
Conveyors--gravity and nonpowered	5	3	--	--	--	--	1	--	--	--	--	--	--
Chutes	--	--	1	--	--	--	--	--	--	--	--	--	--
Conveyors--roller	2	--	--	--	--	1	1	--	--	--	--	--	--
Conveyors--powered	31	24	12	2	10	7	2	--	--	3	--	--	--
Conveyors--belt	10	8	3	1	4	--	1	--	--	--	--	--	--
Conveyors--screw, auger	14	12	8	1	3	--	--	--	--	--	--	--	--
Cranes	18	13	--	7	4	4	--	--	--	--	--	--	--
Cranes--truck-mounted	5	--	--	--	--	--	--	--	--	--	--	--	--
Cranes--floating, barge mounted	1	1	1	--	--	--	--	--	--	--	--	--	--
Cranes--other mobile cranes	5	5	--	3	1	--	--	--	--	--	--	--	--
Cranes--gantry, overhead, monorail, container	3	--	--	--	--	1	1	--	--	--	--	--	--
Overhead hoists	1	--	--	--	--	1	--	--	--	1	--	--	--
Overhead hoists--electric powered	1	--	--	--	--	1	--	--	--	1	--	--	--

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Elevators, hoists, aerial lifts, personnel platforms--except truck-mounted	38	25	--	21	--	12	4	--	--	--	--	--	--
Dumbwaiters	1	--	--	--	--	1	--	--	--	--	--	1	--
Elevators	5	--	--	--	--	--	--	--	--	--	--	--	--
Manlifts	4	--	--	--	--	1	1	--	--	--	--	--	--
Material and personnel hoists	3	--	--	--	--	--	--	--	--	--	--	--	--
Aerial lifts, scissor lifts--except truck-mounted	23	17	--	15	--	6	--	--	--	--	--	--	--
Ski lifts, nonrail amusement rides	5	--	--	--	--	4	--	--	--	--	--	4	--
Ski lifts, gondola rides	1	--	--	--	--	1	--	--	--	--	--	1	--
Nonrail amusement rides	3	--	--	--	--	3	--	--	--	--	--	3	--
Other material and personnel handling machinery	3	--	--	--	--	3	--	--	--	1	--	--	--
Metal, woodworking, and special material machinery	24	21	1	--	19	3	1	--	--	--	--	--	2
Bending, rolling, shaping machinery	3	--	--	--	--	1	1	--	--	--	--	--	--
Shearing machines	--	--	--	--	--	1	1	--	--	--	--	--	--
Extruding, injecting, forming, molding machinery	5	5	--	--	5	--	--	--	--	--	--	--	--
Casting machinery	1	1	--	--	1	--	--	--	--	--	--	--	--
Forging machinery	1	1	--	--	1	--	--	--	--	--	--	--	--
Lathes	2	2	--	--	2	--	--	--	--	--	--	--	--
Metalworking lathes	2	2	--	--	2	--	--	--	--	--	--	--	--
Presses, except printing	6	5	1	--	4	1	--	--	--	--	--	--	1
Assembly presses	1	--	--	--	--	1	--	--	--	--	--	--	1
Punch presses	1	1	--	--	1	--	--	--	--	--	--	--	--
Sawing machinery--stationary	1	1	--	--	1	--	--	--	--	--	--	--	--
Band saws	1	1	--	--	1	--	--	--	--	--	--	--	--
Other metal, woodworking, and special material machinery	3	--	--	--	--	1	--	--	--	--	--	--	1
Special process machinery	24	17	4	--	11	6	--	--	--	--	--	--	--
Food and beverage processing machinery--specialized	9	7	1	--	6	--	--	--	--	--	--	--	--
Meat grinders	3	3	--	--	3	--	--	--	--	--	--	--	--
Dairy and milk processing machinery--specialized	1	1	1	--	--	--	--	--	--	--	--	--	--
Packaging, bottling, wrapping machinery	--	1	--	--	1	--	--	--	--	--	--	--	--
Packaging, wrapping, bundling machinery	--	1	--	--	1	--	--	--	--	--	--	--	--
Printing machinery and equipment	2	1	--	--	1	--	--	--	--	--	--	--	--

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Presses--printing	2	1	--	--	1	--	--	--	--	--	--	--	--
Textile, apparel, leather production machinery	3	3	--	--	--	--	--	--	--	--	--	--	--
Other special process machinery	8	5	--	--	1	3	--	--	--	--	--	--	--
Pumps	6	4	--	--	--	--	--	--	--	--	--	--	--
Miscellaneous machinery	4	--	--	--	--	3	--	--	--	--	--	--	--
Parts and materials	196	134	37	62	35	56	28	3	3	10	--	5	7
Building materials--solid elements	56	45	15	18	12	11	8	--	--	--	--	--	--
Bricks, blocks, structural stone	3	--	--	--	--	--	--	--	--	--	--	--	--
Pipes, ducts, tubing	24	20	10	6	4	4	--	--	--	--	--	--	--
Concrete or clay pipes and conduits	1	--	--	--	--	--	--	--	--	--	--	--	--
Metal pipes, tubing	12	12	6	4	--	--	--	--	--	--	--	--	--
Plastic, PVC, or rubber pipes and tubing	3	--	1	--	--	1	1	--	--	--	--	--	--
Structural metal materials	20	15	4	8	3	5	4	--	--	1	--	--	--
Bars, rods, reinforcing bar (rebar)	3	3	1	--	--	--	--	--	--	--	--	--	--
Beams--unattached metal	8	5	--	4	--	3	--	--	--	1	--	--	--
Grates	1	1	1	--	--	--	--	--	--	--	--	--	--
Metal plates, metal panels	5	4	1	--	--	1	1	--	--	--	--	--	--
Wood, lumber	6	5	--	--	3	--	--	--	--	--	--	--	--
Dimensional lumber: 2x4, 2x3, etc.	3	3	--	--	--	--	--	--	--	--	--	--	--
Other building materials--solid elements	3	3	--	1	1	--	--	--	--	--	--	--	--
Glass building materials	1	1	--	--	1	--	--	--	--	--	--	--	--
Gutters, downspouts	1	1	--	1	--	--	--	--	--	--	--	--	--
Fasteners, connectors, ropes, ties	14	9	3	--	4	--	--	--	--	--	--	1	--
Ropes, ties, chains	7	3	--	--	1	--	--	--	--	--	--	1	--
Rope, twine, string	4	--	--	--	--	--	--	--	--	--	--	1	--
Wire, cables--nonelectrical	3	--	--	--	1	--	--	--	--	--	--	--	--
Valves, nozzles	5	5	--	--	3	--	--	--	--	--	--	--	--
Hoisting accessories	4	4	--	--	--	--	--	--	--	--	--	--	--
Machine, tool, and electric parts	95	65	11	38	16	28	12	3	--	6	--	3	4
Electric parts	80	55	7	37	11	23	10	3	--	6	--	--	--
Electrical wiring--building	18	18	--	17	--	--	--	--	--	--	--	--	--
Generators	4	--	--	--	1	--	--	--	--	--	--	--	--

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Batteries other than automotive	1	1	1	--	--	--	--	--	--	--	--	--	--	--
Power lines, transformers, convertors	34	15	2	10	3	17	7	3	--	6	--	--	--	--
Switchboards, switches, fuses	10	9	--	5	--	--	--	--	--	--	--	--	--	--
Power cords, electrical cords, extension cords	9	6	1	--	3	3	--	--	--	--	--	--	--	--
Machine and appliance parts	13	10	4	--	5	3	--	--	--	--	--	1	--	--
Drives--chain, leather, fabric, vee belt	1	1	--	--	1	--	--	--	--	--	--	--	--	--
Drums, pulleys, sheaves	4	3	--	--	--	1	--	--	--	--	--	1	--	--
Engines, turbines, except vehicle	--	--	--	--	--	1	1	--	--	--	--	--	--	--
Rollers	1	1	--	--	1	--	--	--	--	--	--	--	--	--
Metal materials--nonstructural	2	2	1	1	--	--	--	--	--	--	--	--	--	--
Metal sheets, ingots, bars--nonstructural	1	1	1	--	--	--	--	--	--	--	--	--	--	--
Tars, sealants, caulking, insulating materials	--	--	--	--	--	--	--	--	--	--	--	1	--	--
Roofing asphalt, roofing tar	1	--	--	--	--	1	--	--	--	--	--	1	--	--
Vehicle and mobile equipment parts	21	7	4	--	2	13	8	--	--	1	--	--	--	--
Tires, inner tubes, wheels	7	2	--	--	2	5	--	--	--	1	--	--	--	--
Tires, except bike	3	1	--	--	1	--	--	--	--	--	--	--	--	--
Wheels, tire rims	4	1	--	--	1	3	--	--	--	1	--	--	--	--
Trailers	8	3	--	--	--	5	3	--	--	--	--	--	--	--
Other parts and materials	2	--	1	--	--	--	--	--	--	--	--	--	--	--
Caps, lids, covers	2	--	1	--	--	--	--	--	--	--	--	--	--	--
Persons, plants, animals, and minerals	999	208	127	41	40	622	222	9	49	127	52	102	61	
Animals	56	34	31	3	--	16	3	--	--	1	--	10	--	--
Insects, arachnids, mites	11	6	3	3	--	3	--	--	--	--	--	--	--	--
Bees, hornets, wasps	10	6	3	3	--	--	--	--	--	--	--	--	--	--
Mammals, except humans	44	28	28	--	--	12	1	--	--	1	--	10	--	--
Dogs, canines--domestic	1	--	--	--	--	1	--	--	--	1	--	--	--	--
Cattle and other bovines	17	12	12	--	--	4	1	--	--	--	--	3	--	--
Horses and other equines	24	16	16	--	--	6	--	--	--	--	--	6	--	--
Animal and plant byproducts	10	3	--	--	1	7	--	--	--	--	6	--	--	--
Animal products, nonfood	1	1	1	--	--	--	--	--	--	--	--	--	--	--
Animal waste products	1	1	1	--	--	--	--	--	--	--	--	--	--	--
Food products	9	--	--	--	1	7	--	--	--	--	6	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, All U.S., 2011

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	Education and health services	Leisure and hospitality	Other services
Fruits, nuts, vegetables	1	--	--	--	--	1	--	--	--	--	1	--	--
Nonmetallic minerals, except fuel	9	9	6	3	--	--	--	--	--	--	--	--	--
Boulders	4	4	3	1	--	--	--	--	--	--	--	--	--
Dirt, earth	1	1	--	1	--	--	--	--	--	--	--	--	--
Rocks, crushed stone	3	3	2	--	--	--	--	--	--	--	--	--	--
Person--injured or ill worker	273	56	15	19	22	168	49	9	17	29	23	19	22
Person--other than injured or ill worker	487	30	8	10	12	354	161	--	31	29	21	73	39
Relative or domestic partner of injured or ill worker	37	2	1	1	--	34	9	--	--	--	6	8	7
Spouse or domestic partner of injured or ill worker	31	1	--	1	--	29	7	--	--	1	5	7	7
Immediate family member other than spouse	5	1	1	--	--	4	--	--	--	--	1	1	--
Co-worker or work associate of injured or ill worker	58	16	5	3	8	34	19	--	--	1	3	6	3
Co-worker	41	11	--	--	7	26	14	--	--	1	2	5	2
Former co-worker	10	5	3	1	--	5	2	--	--	--	1	1	1
Student	6	--	--	--	--	3	--	--	--	--	--	--	--
Patient	7	--	--	--	--	4	--	--	--	--	4	--	--
Other client or customer	47	--	--	--	--	45	8	--	7	2	--	20	6
Acquaintance	12	--	--	--	--	10	3	--	1	--	2	--	3
Assailant, suspect, inmate	283	9	--	6	1	190	114	--	12	17	--	31	16
Robber	158	5	--	4	1	150	101	--	9	12	--	21	7
Inmate or detainee in custody	4	--	--	--	--	--	--	--	--	--	--	--	--
Suspect not yet apprehended	49	--	--	--	--	1	--	--	--	1	--	--	--
Bodily fluids or substances of other than injured or ill person	1	--	--	--	--	--	--	--	--	--	--	--	--
Blood of other than injured or ill person	1	--	--	--	--	--	--	--	--	--	--	--	--
Plants, trees, vegetation--not processed	162	75	65	5	5	76	8	--	--	67	--	--	--
Cash grain crops	7	3	3	--	--	4	4	--	--	--	--	--	--
Shrubs, grasses	9	7	7	--	--	1	1	--	--	--	--	--	--
Trees, logs, limbs	143	65	55	5	5	71	3	--	--	67	--	--	--
Trees	107	48	40	4	4	54	--	--	--	54	--	--	--
Logs	8	4	4	--	--	3	3	--	--	--	--	--	--
Limbs, branches--unattached	26	13	11	--	--	12	--	--	--	11	--	--	--
Other plants, trees, vegetation--not processed	3	--	--	--	--	--	--	--	--	--	--	--	--
Structures and surfaces	549	295	44	206	45	196	69	10	6	44	24	30	13

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, All U.S., 2011

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	Education and health services	Leisure and hospitality	Other services
Confined spaces	37	28	6	15	7	4	3	--	--	--	--	--	--
Ditches, channels, trenches, excavations	21	17	4	13	--	--	--	--	--	--	--	--	--
Underground mines, caves, tunnels	5	--	--	1	--	1	1	--	--	--	--	--	--
Sewers, manholes, storm drains	4	1	--	1	--	1	1	--	--	--	--	--	--
Wells, cisterns	1	1	--	1	--	--	--	--	--	--	--	--	--
Tank, bin, vat interiors	6	4	1	--	3	--	--	--	--	--	--	--	--
Silo, grain bin interiors	--	1	1	--	--	--	--	--	--	--	--	--	--
Septic tank or water tank interiors	1	--	--	--	--	--	--	--	--	--	--	--	--
Confined spaces on vehicles	3	3	--	--	3	--	--	--	--	--	--	--	--
Confined spaces on ships, water vessels	3	3	--	--	3	--	--	--	--	--	--	--	--
Buildings--office, plant, residential	72	26	--	14	10	32	12	--	--	5	5	6	3
Industrial buildings	18	14	--	4	10	--	2	--	--	--	--	--	--
Factory, manufacturing plant	13	11	--	1	10	2	2	--	--	--	--	--	--
Agricultural buildings	11	3	--	2	--	6	--	--	--	2	--	--	--
Silo exterior	2	2	--	2	--	--	--	--	--	--	--	--	--
Commercial and retail buildings	16	3	--	3	--	11	6	--	--	--	--	--	--
Restaurant, bar	4	--	--	--	--	--	--	--	--	--	--	--	--
Retail establishment, store, mall	9	--	--	--	--	7	6	--	--	--	--	--	--
Residential buildings, except institutionalized	19	4	--	3	--	7	--	--	--	--	4	--	--
House, townhouse, rowhouse	11	--	--	--	--	5	--	--	--	--	--	--	--
Low or mid-rise apartment building, condominium	3	--	--	--	--	--	--	--	--	--	--	--	--
Other public and office buildings	5	--	--	--	--	--	--	--	--	--	--	--	--
Structures other than buildings	107	61	6	48	7	33	13	5	--	10	--	1	--
Bridges, dams, locks	9	3	--	3	--	4	3	--	--	--	--	--	--
Pools	4	--	--	--	--	3	--	--	--	3	--	--	--
Scaffolds, staging	64	45	4	36	5	15	4	--	--	7	--	1	--
Scaffolds--improvised staging	7	5	--	4	--	--	--	--	--	--	--	--	--
Scaffolds--self-supporting staging	18	15	--	15	--	--	--	--	--	--	--	--	--
Scaffolds--staging supported by structure or other means	3	3	--	3	--	--	--	--	--	--	--	--	--
Scaffolds--suspended staging	7	3	--	3	--	3	--	--	--	--	--	--	--
Machine platforms	3	2	2	--	--	--	--	--	--	--	--	--	--
Catwalks	5	3	--	--	3	--	--	--	--	1	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, All U.S., 2011

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	Education and health services	Leisure and hospitality	Other services
Towers, poles	22	9	1	6	2	9	5	4	--	--	--	--	--
Telecommunications and cell phone towers	8	6	--	4	2	--	--	--	--	--	--	--	--
Utility and telephone poles	4	--	--	--	--	4	--	--	--	--	--	--	--
Excavations, strip mines, and quarries (except confined space)	--	1	1	--	--	--	--	--	--	--	--	--	--
Other structures	6	3	--	3	--	--	--	--	--	--	--	--	--
Porches, balconies, decks, patios	3	--	--	--	--	--	--	--	--	--	--	--	--
Other structural elements	163	136	11	118	7	25	7	--	--	11	--	4	--
Entrances and exits	7	4	1	3	--	3	--	--	--	--	--	--	--
Doors, except garage and vehicle	4	3	--	3	--	--	--	--	--	--	--	--	--
Garage doors	3	1	1	--	--	--	--	--	--	--	--	--	--
Fences, fence panels, gates	5	3	2	--	--	--	1	--	--	--	--	--	--
Gates	4	3	2	--	--	1	1	--	--	--	--	--	--
Roofs	109	97	4	91	--	10	--	--	--	7	--	--	--
Skylights	14	12	3	9	--	--	--	--	--	--	--	--	--
Existing roof openings, other than skylights	7	7	--	7	--	--	--	--	--	--	--	--	--
Roof surface, other than roof edge	18	15	--	14	1	3	--	--	--	--	--	--	--
Roof edges	54	49	1	47	--	4	1	--	--	3	--	--	--
Trusses, girders, beams--structurally attached	16	13	--	10	--	3	--	--	--	--	--	--	--
Girders, beams, structural steel	10	8	--	6	--	--	--	--	--	--	--	--	--
Roof trusses, joists	4	4	--	4	--	--	--	--	--	--	--	--	--
Ceilings, walls	13	11	3	8	--	--	--	--	--	--	--	--	--
Walls	11	9	3	6	--	--	--	--	--	--	--	--	--
Handrails, banisters	--	--	--	1	--	--	--	--	--	--	--	--	--
Elevator shafts	8	4	--	3	1	4	--	--	--	1	--	--	--
Floors, walkways, ground surfaces	152	35	15	8	12	96	32	4	--	16	18	17	7
Stairs, steps, escalators	26	6	3	3	--	18	4	--	--	5	--	6	--
Stairs, steps--indoors	10	--	--	--	--	7	--	--	--	--	--	--	--
Stairs, steps--outdoors	10	4	3	--	--	6	2	--	--	--	--	3	--
Floors	67	12	--	--	9	45	14	--	--	6	13	5	5
Existing floor opening	4	3	--	--	2	--	--	--	--	--	--	--	--
Ground	12	7	4	--	--	3	--	--	--	--	--	--	--
Ground irregularity	1	--	--	--	--	--	--	--	--	--	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, All U.S., 2011

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	Education and health services	Leisure and hospitality	Other services
Sidewalks, paths, outdoor walkways	2	--	--	--	--	1	--	--	--	--	1	--	--
Sidewalk, path, or outdoor walkway irregularity	1	--	--	--	--	--	--	--	--	--	--	--	--
Parking lots	18	--	--	--	--	13	3	--	--	3	--	--	1
Parking lot--paved	10	--	--	--	--	7	--	--	--	2	1	1	1
Curbs, traffic calming bumps, embankments	8	5	5	--	--	--	--	--	--	--	--	--	--
Embankments	1	1	1	--	--	--	--	--	--	--	--	--	--
Culverts, nonconfined ditches	5	3	3	--	--	1	1	--	--	--	--	--	--
Other floors, walkways, ground surfaces	12	4	2	--	--	8	5	--	--	--	--	--	--
Piers, wharfs	6	3	2	--	--	3	--	--	--	--	--	1	--
Ramps, loading docks, dock plates	4	--	--	--	--	4	4	--	--	--	--	--	--
Geographical structures	9	4	4	--	--	--	--	--	--	--	--	--	--
Raised natural structures, hills, mountains	5	--	--	--	--	1	--	--	--	--	--	1	--
Mountains	1	--	--	--	--	1	--	--	--	--	--	1	--
Water bodies--natural	4	--	--	--	--	--	--	--	--	--	--	--	--
Oceans	3	--	--	--	--	--	--	--	--	--	--	--	--
Tools, instruments, and equipment	158	97	8	77	12	52	9	3	4	28	--	3	5
Handtools--nonpowered	6	5	--	3	--	--	--	--	--	--	--	--	--
Cutting handtools--nonpowered	--	--	--	--	--	--	--	--	--	--	--	--	--
Bolt cutters--nonpowered	1	1	--	1	--	--	--	--	--	--	--	--	--
Handtools--powered	21	7	--	4	--	11	--	--	--	9	--	--	--
Cutting handtools--powered	11	--	--	--	--	7	--	--	--	7	--	--	--
Chainsaws--powered	10	--	--	--	--	7	--	--	--	7	--	--	--
Turning handtools--powered	--	--	--	--	--	--	--	--	--	--	--	--	--
Tongs--powered	1	--	--	--	--	--	--	--	--	--	--	--	--
Welding and heating handtools--powered	4	--	--	1	--	--	--	--	--	--	--	--	--
Welding, cutting, and blow torches	4	--	--	1	--	--	--	--	--	--	--	--	--
Other handtools--powered	--	1	--	1	--	--	--	--	--	--	--	--	--
Sprayers, air guns--paint	1	1	--	1	--	--	--	--	--	--	--	--	--
Handtools--power not determined	1	1	--	1	--	--	--	--	--	--	--	--	--
Ladders	122	82	4	69	9	37	9	3	4	18	--	--	3
Ladders--fixed	5	5	--	3	1	--	--	--	--	--	--	--	--
Movable--ladders	94	61	3	50	8	31	8	2	4	15	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, All U.S., 2011

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	Education and health services	Leisure and hospitality	Other services
Extension ladders	34	21	--	19	--	13	--	2	3	6	--	--	--
Step ladders	11	7	--	4	3	3	2	--	--	--	--	--	--
Photographic, athletic, and recreational equipment	5	--	--	--	--	3	--	--	--	--	--	3	--
Recreation and athletic equipment	5	--	--	--	--	3	--	--	--	--	--	3	--
Snow sports equipment	1	--	--	--	--	--	--	--	--	--	--	--	--
Protective equipment, except clothing	1	--	--	--	--	1	--	--	--	1	--	--	--
Lifelines, lanyards, safety belts, harnesses	1	--	--	--	--	1	--	--	--	1	--	--	--
Vehicles	2041	628	342	188	98	1197	811	26	31	149	60	60	60
Aircraft	146	26	13	--	10	96	35	--	12	11	25	11	--
Airplanes--powered fixed wing	110	22	10	--	9	80	29	--	12	11	17	11	--
Airplane--jet or turbine engine	12	5	1	--	--	2	2	--	--	--	--	--	--
Airplane--propeller-driven or piston engine	98	17	9	--	5	78	27	--	12	11	17	11	--
Aircraft--powered rotary wing	26	3	3	--	--	10	4	1	--	--	5	--	--
Helicopter	26	3	3	--	--	10	4	1	--	--	5	--	--
Aircraft--nonpowered	9	--	--	--	--	5	1	--	--	--	--	--	--
Glider, hang glider--nonpowered	--	--	--	--	--	--	1	--	--	--	--	--	--
Parachute	7	--	--	--	--	--	--	--	--	--	--	--	--
Rail vehicles	25	7	1	--	5	14	12	--	--	--	--	--	--
Train, locomotive, rail car	17	3	--	--	3	13	12	--	--	--	--	--	--
Freight train	9	--	--	--	--	7	7	--	--	--	--	--	--
Passenger train, heavy rail	1	--	--	--	--	1	1	--	--	--	--	--	--
Rail car(s)--unattached to locomotive	7	--	--	--	--	5	4	--	--	--	--	--	--
Rail-mounted construction, cleaning, maintenance machine	1	--	--	--	--	--	--	--	--	--	--	--	--
Industrial, mining rail vehicle	4	4	1	--	--	--	--	--	--	--	--	--	--
Water vehicle	72	38	34	4	--	32	23	--	--	3	--	4	--
Barge	11	--	--	--	--	9	8	--	--	--	--	--	--
Commercial fishing vessel	33	32	32	--	--	--	--	--	--	--	--	--	--
Tugboat, towboat	4	--	--	--	--	4	3	--	--	--	--	--	--
Cargo ship, freighter, passenger liner, ship, excluding sail-powered	10	--	--	--	--	10	9	--	--	--	--	--	--
Motorboat, motorized yacht	8	1	1	--	--	6	--	--	--	--	--	2	--
Rowboat, kayak, canoe	3	--	--	--	--	--	--	--	--	--	--	--	--
Highway vehicles, motorized	1500	345	120	164	61	978	705	24	18	119	35	24	53

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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	Education and health services	Leisure and hospitality	Other services
Passenger vehicle--automobiles, buses, and passenger vans	366	54	13	33	8	210	101	8	9	32	22	16	22
Ambulance, police, and other emergency passenger vehicle	48	--	--	--	--	3	--	--	--	--	--	--	--
Taxi	13	--	--	--	--	13	13	--	--	--	--	--	--
Automobile	195	34	5	24	5	120	54	6	8	17	14	10	11
Bus	28	--	--	--	--	20	14	--	--	--	3	--	3
Passenger van	60	18	7	9	--	35	13	--	--	9	3	--	4
Motorcycle, moped, dirt bike	17	--	--	--	--	15	4	--	--	4	1	3	3
Motor home, RV	3	--	--	--	--	3	3	--	--	--	--	--	--
Trucks--motorized freight hauling and utility	812	162	52	73	37	616	527	7	6	59	--	4	12
Semi, tractor-trailer, tanker truck	541	79	37	22	20	458	428	--	3	16	--	--	6
Boom truck, bucket or basket hoist truck	31	10	--	9	--	15	4	--	--	9	--	--	--
Dump truck	69	28	4	24	--	32	25	--	--	7	--	--	--
Garbage, recycling, or refuse truck	25	--	--	--	--	20	--	--	--	20	--	--	--
Fire truck, other emergency equipment truck	4	--	--	--	--	--	--	--	--	--	--	--	--
Delivery truck or van	80	15	--	8	6	62	46	--	--	4	--	--	4
Cement truck, concrete mixer truck	14	12	--	3	9	2	2	--	--	--	--	--	--
Tow truck	13	--	--	--	--	13	12	--	--	--	--	--	1
Multi-purpose highway vehicles	316	129	55	58	16	148	75	9	3	28	11	4	18
Pickup truck	239	119	52	53	14	95	50	4	3	22	3	3	10
SUV, sports utility vehicle	76	10	--	5	--	52	25	5	--	6	8	1	7
Animal- and human-powered vehicles	9	6	6	--	--	3	--	--	--	--	--	3	--
Bicycle, pedal cycle	4	--	--	--	--	3	--	--	--	--	--	3	--
Horse-drawn carriage, buggy	1	1	1	--	--	--	--	--	--	--	--	--	--
Animal-powered wagon	2	2	2	--	--	--	--	--	--	--	--	--	--
Off-road or industrial vehicles--powered	279	206	168	16	22	71	33	--	--	15	--	17	6
Off-road passenger vehicles--powered	50	31	28	1	--	18	--	--	--	1	--	12	3
ATV, all terrain vehicle	35	29	27	1	--	5	1	--	--	1	--	--	--
Golf cart, personnel transport cart	7	--	--	--	--	7	--	--	--	--	--	6	--
Racecar	3	--	--	--	--	3	--	--	--	--	--	3	--
Snowmobile	1	--	--	--	--	1	--	--	--	--	--	1	--
Industrial vehicles, material hauling and transport--powered	73	37	8	11	18	36	28	--	--	7	--	--	--
Forklift, order picker, platform truck--powered	66	35	8	11	16	31	24	--	--	6	--	--	--

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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	Education and health services	Leisure and hospitality	Other services
Powered industrial carrier	2	--	--	--	--	1	1	--	--	--	--	--	--
Tractors, PTOs	153	136	130	4	--	16	--	--	--	7	--	5	--
Farm tractor	131	124	122	1	1	7	--	--	--	3	--	--	--
Industrial tractor	4	--	--	--	--	3	--	--	--	--	--	2	1
Power take-off (PTO)	6	5	4	--	--	--	--	--	--	--	--	--	--
Other vehicles	10	--	--	--	--	3	3	--	--	--	--	--	--
Humvee	4	--	--	--	--	--	--	--	--	--	--	--	--
Street sweeping and cleaning machinery	4	--	--	--	--	3	3	--	--	--	--	--	--
Other sources	109	55	20	24	11	34	8	1	--	16	--	5	--
Environmental and elemental conditions	78	44	15	19	10	22	4	1	--	12	--	3	--
Fire, flame, smoke	1	--	--	--	--	--	--	--	--	--	--	--	--
Flooding and other water sources	7	4	2	--	--	--	--	--	--	--	--	--	--
Flooding	3	1	--	--	1	--	--	--	--	--	--	--	--
Water pressure--high or low	2	2	2	--	--	--	--	--	--	--	--	--	--
Temperature extremes--environmental	63	35	11	19	5	20	3	1	--	11	--	3	--
Cold--environmental	2	2	1	1	--	--	--	--	--	--	--	--	--
Heat--environmental	61	33	10	18	5	20	3	1	--	11	--	3	--
Weather and atmospheric conditions	4	--	--	--	--	1	1	--	--	--	--	--	--
Ice, sleet, snow	1	--	--	--	--	1	1	--	--	--	--	--	--
Lightning	3	--	--	--	--	--	--	--	--	--	--	--	--
Other environmental and elemental conditions	3	3	--	--	3	--	--	--	--	--	--	--	--
Oxygen-deficient environment	3	3	--	--	3	--	--	--	--	--	--	--	--
Other steam, vapors, liquids, ice	16	1	1	--	--	9	--	--	--	4	--	--	1
Liquids--nonchemical	16	1	1	--	--	9	--	--	--	4	--	--	1
Water	16	1	1	--	--	9	--	--	--	4	--	--	1
Secondary Source⁵													
Chemicals and chemical products	82	37	11	11	15	35	12	--	--	7	6	3	5
Metallic particulates, trace elements, dusts, powders, fumes	2	2	--	--	2	--	--	--	--	--	--	--	--
Other metallics and compounds	2	2	--	--	2	--	--	--	--	--	--	--	--
Coal, natural gas, petroleum fuels and products	27	12	9	--	--	12	5	--	--	--	--	1	4

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, All U.S., 2011

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	Education and health services	Leisure and hospitality	Other services
Coal, coal dust	2	--	--	--	--	--	--	--	--	--	--	--	--
Natural gas	6	4	--	--	--	--	--	--	--	--	--	--	--
Petroleum fuels, distillates, and products, n.e.c.	14	4	3	--	--	10	5	--	--	--	--	1	3
Gasoline, diesel fuel, jet fuel	10	3	3	--	--	7	4	--	--	--	--	1	1
Propane	--	--	--	--	--	--	1	--	--	--	--	--	--
Other chemicals	26	15	1	5	9	8	--	--	--	--	3	--	--
Ammonia and ammonium compounds	1	1	--	1	--	--	--	--	--	--	--	--	--
Oxygen and oxygen compounds	8	3	1	1	1	4	--	--	--	--	--	--	--
Carbon monoxide	6	3	1	1	1	--	--	--	--	--	--	--	--
Nitrogen oxides	--	--	--	--	--	--	--	--	--	--	1	--	--
Sewer, mine, and similar gases	2	1	--	1	--	--	--	--	--	--	--	--	--
Sewer gas	2	1	--	1	--	--	--	--	--	--	--	--	--
Multiple chemicals or chemical mixtures, n.e.c.	3	--	--	1	--	1	--	--	--	1	--	--	--
Other chemicals, n.e.c.	11	7	--	--	7	3	--	--	--	--	--	--	--
Nitrogen	2	2	--	--	2	--	--	--	--	--	--	--	--
Hydrogen	--	3	--	--	3	--	--	--	--	--	--	--	--
Chemical products--general	24	7	1	3	3	14	4	--	--	3	3	--	1
Cleaning and polishing agents, disinfectants	2	--	--	--	--	--	--	--	--	--	--	--	--
Multiple cleaning and polishing agents	1	--	--	--	--	--	--	--	--	--	--	--	--
Drugs, alcohol, and medicines	16	4	--	3	--	11	--	--	--	3	3	--	--
Drugs--nonmedicinal	8	--	--	--	--	5	--	--	--	--	--	--	--
Medicines, except vaccines	6	--	--	--	--	4	1	--	--	--	--	1	--
Explosives, blasting agents	3	2	1	--	1	1	1	--	--	--	--	--	--
Gunpowder	2	1	--	--	1	1	1	--	--	--	--	--	--
Paint, lacquer, shellac, varnish	1	1	--	--	1	--	--	--	--	--	--	--	--
Paint	1	1	--	--	1	--	--	--	--	--	--	--	--
Solvents, degreasers	1	--	--	--	--	1	--	--	--	--	--	--	1
Containers, furniture, and fixtures	57	28	9	9	10	27	12	--	2	7	--	--	4
Containers	46	22	6	7	9	22	9	--	2	6	--	--	3
Containers--nonpressurized	22	6	--	4	--	14	4	--	2	5	--	1	--
Bags, sacks	4	--	--	--	--	3	--	--	--	--	--	--	1
Boxes, crates, cartons	3	1	--	1	--	2	1	--	--	--	--	1	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, All U.S., 2011

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	Education and health services	Leisure and hospitality	Other services
Pots, pans, trays	1	--	--	--	--	1	--	--	1	--	--	--	--
Tanks, bins, vats--nonconfined space	9	3	--	2	--	6	1	--	1	4	--	--	--
Containers--pressurized	12	11	4	--	5	1	1	--	--	--	--	--	--
Hoses	3	3	1	--	--	--	--	--	--	--	--	--	--
Pressure lines, except hoses	--	--	1	--	--	--	--	--	--	--	--	--	--
Propane tanks and cylinders	3	3	1	1	1	--	--	--	--	--	--	--	--
Containers--variable restraint	7	4	--	--	2	3	--	--	--	1	--	--	--
Bundles, bales	7	4	--	--	2	3	--	--	--	1	--	--	--
Luggage, handbags	--	--	--	--	--	--	--	--	--	--	--	--	1
Suitcases, baggage, luggage	1	--	--	--	--	1	--	--	--	--	--	--	1
Skids, pallets	3	--	--	--	--	--	--	--	--	--	--	--	--
Furniture and fixtures	11	6	3	--	1	5	3	--	--	1	--	--	--
Cases, cabinets, racks, shelves	4	--	--	--	--	2	2	--	--	--	--	--	--
Racks--garment and other	3	--	--	--	--	1	1	--	--	--	--	--	--
Shelves, shelving	1	--	--	--	--	1	1	--	--	--	--	--	--
Furniture	--	--	--	--	--	--	--	--	--	--	--	--	--
Benches, workbenches, saw horses	1	--	--	--	--	--	--	--	--	--	--	--	--
Lighting fixtures and equipment	3	--	--	--	1	--	--	--	--	--	--	--	--
Plumbing fixtures	1	--	--	--	--	1	--	--	--	1	--	--	--
Bathtubs, hot tubs, showers	1	--	--	--	--	1	--	--	--	1	--	--	--
Machinery	134	78	29	23	26	53	25	--	--	4	--	4	18
Agricultural and garden machinery	12	8	8	--	--	4	1	--	--	--	--	--	--
Mowing machinery	6	3	3	--	--	3	--	--	--	--	--	--	--
Brush hogs--tractor	3	1	1	--	--	--	--	--	--	--	--	--	--
Mower--tractor, n.e.c.	1	--	--	--	--	--	--	--	--	--	--	--	--
Plowing, planting, and fertilizing machinery	2	2	2	--	--	--	--	--	--	--	--	--	--
Seed planting machinery	1	1	1	--	--	--	--	--	--	--	--	--	--
Spreading machinery--agricultural	1	1	1	--	--	--	--	--	--	--	--	--	--
Other agricultural and garden machinery	3	--	--	--	--	1	1	--	--	--	--	--	--
Spraying and dusting machinery--agricultural	1	--	--	--	--	1	1	--	--	--	--	--	--
Construction, logging, and mining machinery	35	26	15	7	4	7	6	--	--	--	--	--	1
Excavating machinery	8	5	--	4	--	--	--	--	--	--	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, All U.S., 2011

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	Education and health services	Leisure and hospitality	Other services
Backhoes, trackhoes	6	4	--	3	--	--	--	--	--	--	--	--	--
Loaders	9	5	--	--	--	4	3	--	--	--	--	--	1
Bucket, front-end, end, and pay loaders	7	5	--	--	--	2	2	--	--	--	--	--	--
Skid steer loaders, mini loaders	1	--	--	--	--	1	--	--	--	--	--	--	1
Logging and wood processing machinery--specialized	5	4	--	--	--	--	--	--	--	--	--	--	--
Mining and drilling machinery	10	10	9	--	--	--	--	--	--	--	--	--	--
Drilling machines, drilling augers	1	1	1	--	--	--	--	--	--	--	--	--	--
Oil drilling rigs and machinery	9	9	8	--	--	--	--	--	--	--	--	--	--
Road grading and surfacing machinery	3	--	--	--	--	--	--	--	--	--	--	--	--
Heating, cooling, and cleaning machinery and appliances	7	3	--	--	1	4	3	--	--	--	--	1	--
Cooling and humidifying machinery and appliances	3	--	--	--	--	2	2	--	--	--	--	--	--
Air conditioning units	--	--	--	--	--	1	1	--	--	--	--	--	--
Refrigerators, freezers, ice makers	1	--	--	--	--	1	1	--	--	--	--	--	--
Heating and cooking machinery and appliances	3	--	--	--	--	--	--	--	--	--	--	1	--
Ranges, cooking ovens, grills, toasters, food warmers	--	--	--	--	--	1	--	--	--	--	--	1	--
Material and personnel handling machinery	56	25	4	12	9	30	10	--	--	--	--	--	15
Conveyors--gravity and nonpowered	1	1	1	--	--	--	--	--	--	--	--	--	--
Chutes	1	1	1	--	--	--	--	--	--	--	--	--	--
Conveyors--powered	1	1	1	--	--	--	--	--	--	--	--	--	--
Conveyors--screw, auger	1	1	1	--	--	--	--	--	--	--	--	--	--
Cranes	18	15	1	8	6	3	1	--	--	--	--	--	--
Cranes--truck-mounted	1	--	--	--	--	1	1	--	--	--	--	--	--
Cranes--gantry, overhead, monorail, container	6	5	--	--	3	--	--	--	--	--	--	--	--
Overhead hoists	--	--	--	--	--	1	1	--	--	--	--	--	--
Overhead hoists--manual	1	--	--	--	--	1	1	--	--	--	--	--	--
Elevators, hoists, aerial lifts, personnel platforms--except truck-mounted	11	5	--	4	1	6	--	--	--	--	--	--	4
Automobile lifts and hoists	5	--	--	--	--	5	--	--	--	--	--	--	4
Aerial lifts, scissor lifts--except truck-mounted	4	4	--	3	1	--	--	--	--	--	--	--	--
Jacks	19	1	1	--	--	17	5	--	--	1	--	1	9
Other material and personnel handling machinery	3	--	--	--	--	--	--	--	--	--	--	--	--
Metal, woodworking, and special material machinery	11	8	--	--	7	3	1	--	--	--	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, All U.S., 2011

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	Education and health services	Leisure and hospitality	Other services
Boring, drilling, planing, milling machinery	--	1	--	--	1	--	--	--	--	--	--	--	--
Milling machines	1	1	--	--	1	--	--	--	--	--	--	--	--
Presses, except printing	1	1	--	--	1	--	--	--	--	--	--	--	--
Sawing machinery--stationary	3	--	--	--	--	--	--	--	--	--	--	--	--
Other metal, woodworking, and special material machinery	2	1	--	--	1	1	1	--	--	--	--	--	--
Welding machinery	2	1	--	--	1	1	1	--	--	--	--	--	--
Special process machinery	6	4	--	--	3	--	--	--	--	--	--	--	--
Other special process machinery	6	4	--	--	3	--	--	--	--	--	--	--	--
Distilling and rectifying machinery	1	--	--	--	--	--	--	--	--	--	--	--	--
Pumps	3	--	--	--	--	--	--	--	--	--	--	--	--
Miscellaneous machinery	7	4	--	--	2	3	--	--	--	--	--	--	--
Other machinery	7	4	--	--	2	3	--	--	--	--	--	--	--
Air compressors	7	4	--	--	2	3	--	--	--	--	--	--	--
Parts and materials	285	132	42	66	24	134	55	7	9	35	5	10	13
Building materials--solid elements	33	19	6	12	--	12	6	--	--	--	--	--	3
Bricks, blocks, structural stone	7	3	--	--	--	4	--	--	--	--	--	--	--
Concrete blocks, cinder blocks	5	--	--	--	--	3	--	--	--	--	--	--	--
Structural stones or slabs, n.e.c.	1	--	--	--	--	1	1	--	--	--	--	--	--
Pipes, ducts, tubing	12	8	--	6	--	--	--	--	--	--	--	--	--
Metal pipes, tubing	8	4	--	--	--	--	--	--	--	--	--	--	--
Plastic, PVC, or rubber pipes and tubing	1	1	--	1	--	--	--	--	--	--	--	--	--
Structural metal materials	6	5	--	--	--	--	--	--	--	--	--	--	--
Beams--unattached metal	--	--	1	--	--	--	--	--	--	--	--	--	--
Wood, lumber	6	--	--	--	--	4	--	--	--	--	--	--	--
Fasteners, connectors, ropes, ties	97	28	9	10	9	61	20	5	6	15	3	7	5
Ropes, ties, chains	95	26	8	9	9	61	20	5	6	15	3	7	5
Chains, n.e.c.	7	5	3	--	1	--	--	--	--	--	--	--	--
Rope, twine, string	51	10	3	3	4	36	7	3	5	10	3	5	3
Strapping	5	4	--	--	2	1	--	--	--	--	--	1	--
Wire, cables--nonelectrical	9	--	--	--	--	7	4	--	--	--	--	--	--
Hoisting accessories	5	4	--	1	--	--	--	--	--	--	--	--	--
Slings	3	3	1	1	--	--	--	--	--	--	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, All U.S., 2011

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	Education and health services	Leisure and hospitality	Other services
Machine, tool, and electric parts	114	66	19	40	7	41	11	--	--	18	--	--	4
Electric parts	106	60	15	40	5	39	9	--	--	18	--	--	4
Electrical wiring--building	10	6	--	6	--	4	--	--	--	--	--	--	2
Generators	6	4	--	--	--	--	--	--	--	--	--	--	--
Power lines, transformers, convertors	67	40	12	26	--	23	7	1	1	14	--	--	--
Switchboards, switches, fuses	7	6	--	4	--	--	--	--	--	--	--	--	--
Power cords, electrical cords, extension cords	15	4	--	--	3	9	--	--	--	--	--	--	2
Machine and appliance parts	8	6	4	--	--	--	--	--	--	--	--	--	--
Drums, pulleys, sheaves	3	--	--	--	--	--	--	--	--	--	--	--	--
Engines, turbines, except vehicle	1	--	--	--	--	1	1	--	--	--	--	--	--
Tarps and sheeting--nonmetal	1	1	1	--	--	--	--	--	--	--	--	--	--
Tarps, plastic or fabric sheeting	1	1	1	--	--	--	--	--	--	--	--	--	--
Vehicle and mobile equipment parts	28	11	5	2	4	16	14	--	--	--	--	--	--
Trailers	22	9	4	1	4	12	11	--	--	--	--	--	--
Other parts and materials	4	1	--	--	1	3	3	--	--	--	--	--	--
Caps, lids, covers	4	1	--	--	1	3	3	--	--	--	--	--	--
Persons, plants, animals, and minerals	232	77	55	15	7	131	78	3	2	30	6	6	6
Animals	8	1	1	--	--	7	3	--	1	--	--	1	--
Mammals, except humans	7	1	1	--	--	6	3	--	1	--	--	1	--
Cattle and other bovines	4	--	--	--	--	4	3	--	--	--	--	1	--
Horses and other equines	--	1	1	--	--	--	--	--	--	--	--	--	--
Rodents	1	--	--	--	--	1	--	--	1	--	--	--	--
Nonmetallic minerals, except fuel	9	7	4	3	--	1	--	--	--	--	--	--	1
Mud	1	1	--	1	--	--	--	--	--	--	--	--	--
Rocks, crushed stone	4	4	4	--	--	--	--	--	--	--	--	--	--
Sand, gravel	--	--	--	--	--	1	--	--	--	--	--	--	1
Person--other than injured or ill worker	3	--	--	--	--	--	--	--	--	--	--	--	--
Co-worker or work associate of injured or ill worker	3	--	--	--	--	--	--	--	--	--	--	--	--
Co-worker	3	--	--	--	--	--	--	--	--	--	--	--	--
Plants, trees, vegetation--not processed	210	66	50	10	6	121	74	2	1	29	6	4	5
Trees, logs, limbs	200	62	48	9	5	115	70	2	1	27	6	4	5
Trees	180	52	39	8	5	105	69	2	1	19	5	4	5

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, All U.S., 2011

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	Education and health services	Leisure and hospitality	Other services	
Logs	6	4	4	--	--	--	--	--	--	--	--	--	--	--
Limbs, branches--unattached	7	--	--	--	--	6	1	--	--	5	--	--	--	--
Other plants, trees, vegetation--not processed	8	--	--	--	--	6	--	--	--	2	--	--	--	--
Grain dust	7	--	--	--	--	6	--	--	--	2	--	--	--	--
Structures and surfaces	459	143	56	57	30	281	168	11	7	41	32	15	7	
Confined spaces	56	37	17	15	5	19	7	--	--	9	--	--	--	--
Ditches, channels, trenches, excavations	3	--	--	--	--	1	1	--	--	--	--	--	--	--
Underground mines, caves, tunnels	25	18	9	9	--	7	1	--	--	5	--	--	--	--
Underground mines, mine tunnels	7	7	7	--	--	--	--	--	--	--	--	--	--	--
Sewers, manholes, storm drains	11	10	--	8	--	--	--	--	--	--	--	--	--	--
Manure pits	1	1	1	--	--	--	--	--	--	--	--	--	--	--
Tank, bin, vat interiors	20	12	6	--	4	8	4	--	--	--	--	--	--	--
Silo, grain bin interiors	7	5	5	--	--	--	--	--	--	--	--	--	--	--
Septic tank or water tank interiors	5	1	--	1	--	--	--	--	--	--	--	--	--	--
Confined spaces on vehicles	6	3	1	--	--	3	--	--	--	1	--	--	--	--
Tanker truck interiors	3	--	--	--	--	3	--	--	--	1	--	--	--	--
Buildings--office, plant, residential	22	5	3	--	--	14	6	--	--	--	4	--	--	--
Industrial buildings	4	3	2	--	--	--	--	--	--	--	--	--	--	--
Agricultural buildings	1	1	1	--	--	--	--	--	--	--	--	--	--	--
Commercial and retail buildings	2	--	--	--	--	2	2	--	--	--	--	--	--	--
Hotel, motel, lodging establishment	1	--	--	--	--	1	1	--	--	--	--	--	--	--
Residential buildings, except institutionalized	10	--	--	--	--	8	3	--	--	--	1	--	--	--
House, townhouse, rowhouse	6	--	--	--	--	5	--	--	--	--	1	--	--	--
Low or mid-rise apartment building, condominium	2	--	--	--	--	2	1	1	--	--	--	--	--	--
Other public and office buildings	3	--	--	--	--	--	--	--	--	--	--	--	--	--
Government building, post office	1	--	--	--	--	--	--	--	--	--	--	--	--	--
Institutionalized residential building, except jails	1	--	--	--	--	1	--	--	--	--	1	--	--	--
Structures other than buildings	160	35	12	14	9	116	94	--	--	9	5	3	--	--
Bridges, dams, locks	41	10	1	4	5	29	26	--	--	--	--	--	--	--
Grandstands, stadia	1	--	--	--	--	1	--	--	--	--	--	1	--	--
Scaffolds, staging	5	5	--	5	--	--	--	--	--	--	--	--	--	--
Towers, poles	31	7	4	--	1	21	18	--	--	--	1	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, All U.S., 2011

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	Education and health services	Leisure and hospitality	Other services
Utility and telephone poles	24	4	--	--	1	17	15	--	--	--	1	--	--
Other structures	81	13	7	3	3	64	50	1	--	7	3	1	--
Guardrails, road dividers	66	10	5	3	--	53	47	1	--	--	--	1	--
Posts, bollards, moorings	--	--	--	--	--	--	--	--	--	--	1	--	--
Road signs	5	1	--	--	1	4	--	--	--	--	--	--	--
Mailboxes	1	--	--	--	--	--	--	--	--	--	--	--	--
Building systems	1	1	--	1	--	--	--	--	--	--	--	--	--
Climate control systems	1	1	--	1	--	--	--	--	--	--	--	--	--
Other structural elements	55	28	8	17	3	22	9	--	--	7	1	1	--
Entrances and exits	5	3	1	--	--	--	1	--	--	--	--	--	--
Doors, except garage and vehicle	--	1	1	--	--	--	--	--	--	--	--	--	--
Garage doors	3	--	--	--	--	1	1	--	--	--	--	--	--
Fences, fence panels, gates	12	7	4	--	--	5	--	--	--	3	--	--	--
Barbed-wire fences	1	1	1	--	--	--	--	--	--	--	--	--	--
Windows, openings	--	--	--	--	--	1	--	--	--	--	1	--	--
Roofs	4	--	--	--	--	--	--	--	--	--	--	--	--
Roof edges	3	--	--	--	--	--	--	--	--	--	--	--	--
Trusses, girders, beams--structurally attached	8	5	--	4	1	--	--	--	--	--	--	--	--
Girders, beams, structural steel	8	5	--	4	1	--	--	--	--	--	--	--	--
Ceilings, walls	16	6	1	4	--	9	3	--	--	3	--	1	--
Walls	14	4	1	--	--	9	3	--	--	3	--	1	--
Floors, walkways, ground surfaces	140	34	14	7	13	91	46	4	2	12	17	8	--
Floors	3	1	--	--	1	1	--	--	--	--	1	--	--
Floor irregularity	1	1	--	--	1	--	--	--	--	--	--	--	--
Ground	64	18	9	--	5	39	16	--	2	3	9	7	1
Ground irregularity	4	4	4	--	--	--	--	--	--	--	--	--	--
Streets, roads, driveways	3	--	--	--	--	--	--	--	--	--	1	--	--
Street, road, driveway--unpaved	--	--	--	--	--	1	--	--	--	--	1	--	--
Curbs, traffic calming bumps, embankments	49	7	5	--	1	37	23	3	--	7	--	1	--
Curbs	3	--	--	--	--	3	--	--	--	--	--	--	--
Concrete parking blocks and barriers	6	--	--	--	--	5	5	--	--	--	--	--	--
Embankments	26	1	1	--	--	22	10	3	--	5	--	1	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, All U.S., 2011

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	Education and health services	Leisure and hospitality	Other services
Culverts, nonconfined ditches	12	6	4	--	1	5	4	--	--	1	--	--	--
Other floors, walkways, ground surfaces	18	5	--	--	5	12	6	--	--	--	4	--	--
Ramps, loading docks, dock plates	7	--	--	--	--	6	5	--	--	--	--	--	--
Grates and drains in floor surface	1	--	--	--	--	1	1	--	--	--	--	--	--
Airport runways	8	--	--	--	--	4	--	--	--	1	3	--	--
Geographical structures	25	3	--	1	--	19	6	1	--	--	5	1	--
Raised natural structures, hills, mountains	19	--	--	--	--	16	5	1	--	--	3	1	--
Hills	2	--	--	--	--	2	--	--	--	--	1	1	--
Mountains	16	--	--	--	--	13	5	--	--	--	--	--	--
Water bodies--natural	5	2	1	1	--	3	1	--	--	--	--	--	--
Rivers, streams	2	2	1	1	--	--	--	--	--	--	--	--	--
Oceans	3	--	--	--	--	3	1	--	--	--	--	--	--
Tools, instruments, and equipment	603	70	23	25	22	421	181	--	38	50	27	72	51
Handtools--nonpowered	55	10	--	6	--	41	12	--	8	3	3	9	6
Cutting handtools--nonpowered	47	6	--	3	--	37	11	--	7	2	3	8	6
Box cutters and razor knives	--	--	--	--	--	--	--	--	--	1	--	--	--
Knives, unspecified or n.e.c.	43	6	--	3	--	33	11	--	7	1	2	7	5
Digging handtools--nonpowered	1	--	--	--	--	1	--	--	--	1	--	--	--
Shovels	1	--	--	--	--	1	--	--	--	1	--	--	--
Striking and nailing handtools--nonpowered	4	2	--	2	--	2	--	--	1	--	--	1	--
Hammers, except sledge--nonpowered	1	1	--	1	--	--	--	--	--	--	--	--	--
Mallets	1	--	--	--	--	1	--	--	--	--	--	1	--
Sledges, sledgehammers	2	1	--	1	--	1	--	--	1	--	--	--	--
Turning handtools--nonpowered	1	1	--	1	--	--	--	--	--	--	--	--	--
Wrenches--nonpowered	1	1	--	1	--	--	--	--	--	--	--	--	--
Other handtools--nonpowered	2	1	--	--	1	1	1	--	--	--	--	--	--
Crowbars	2	1	--	--	1	1	1	--	--	--	--	--	--
Handtools--powered	20	9	2	6	--	10	5	--	--	4	--	--	--
Boring handtools--powered	3	--	--	--	--	--	--	--	--	--	--	--	--
Drills--powered	3	--	--	--	--	--	--	--	--	--	--	--	--
Cutting handtools--powered	5	2	1	1	--	3	--	--	--	--	--	--	--
Chainsaws--powered	1	--	--	--	--	1	--	--	--	1	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, All U.S., 2011

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	Education and health services	Leisure and hospitality	Other services
Saws--powered, except chainsaws	--	1	1	--	--	--	--	--	--	--	--	--	--
Striking and nailing handtools--powered	3	2	--	2	--	--	--	--	--	--	--	--	--
Jackhammers--powered	2	2	--	2	--	--	--	--	--	--	--	--	--
Surfacing handtools--powered	2	--	--	--	--	--	--	--	--	--	--	--	--
Buffers, polishers, waxers--powered	1	--	--	--	--	--	--	--	--	--	--	--	--
Sandblasters--powered	1	--	--	--	--	--	--	--	--	--	--	--	--
Welding and heating handtools--powered	5	--	1	--	--	3	3	--	--	--	--	--	--
Welding, cutting, and blow torches	5	--	1	--	--	3	3	--	--	--	--	--	--
Medical and surgical instruments and equipment	6	--	--	--	--	6	--	--	--	--	--	3	--
Medical sharps instruments	6	--	--	--	--	6	--	--	--	--	--	3	--
Needles, syringes	5	--	--	--	--	5	--	--	--	1	3	--	--
Protective equipment, except clothing	14	4	--	--	--	8	1	--	--	6	--	--	--
Lifelines, lanyards, safety belts, harnesses	14	4	--	--	--	8	1	--	--	6	--	--	--
Firearms, law enforcement, and other self-defense equipment	496	44	14	12	18	347	157	--	28	35	22	60	44
Firearms	496	44	14	12	18	347	157	--	28	35	22	60	44
Pistol, handgun, revolver	274	23	6	5	12	194	82	--	8	20	13	39	31
Rifle, shotgun	73	15	8	2	5	39	21	--	7	--	4	--	3
Other tools, instruments, and equipment	7	3	3	--	--	4	4	--	--	--	--	--	--
Fishing equipment	2	2	2	--	--	--	--	--	--	--	--	--	--
Commercial fishing equipment	2	2	2	--	--	--	--	--	--	--	--	--	--
Vehicles	742	192	92	70	30	455	332	10	12	44	18	18	20
Aircraft	11	--	--	--	--	6	--	--	--	--	--	1	--
Airplanes--powered fixed wing	--	--	--	--	--	--	--	--	--	--	--	--	--
Airplane--jet or turbine engine	1	--	--	--	--	1	1	--	--	--	--	--	--
Aircraft--powered rotary wing	4	--	--	--	--	--	--	--	--	--	--	--	--
Helicopter	4	--	--	--	--	--	--	--	--	--	--	--	--
Aircraft--nonpowered	4	--	--	--	--	--	--	--	--	--	--	1	--
Glider, hang glider--nonpowered	1	--	--	--	--	1	--	--	--	--	--	1	--
Rail vehicles	46	11	3	4	4	26	24	--	--	--	--	--	--
Train, locomotive, rail car	46	11	3	4	4	26	24	--	--	--	--	--	--
Freight train	22	4	1	--	--	13	12	--	--	--	--	--	--
Passenger train, heavy rail	9	1	--	--	1	5	5	--	--	--	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, All U.S., 2011

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	Education and health services	Leisure and hospitality	Other services
Locomotive--unattached to rail car(s)	--	--	--	--	--	1	1	--	--	--	--	--	--
Rail car(s)--unattached to locomotive	8	--	--	--	--	6	6	--	--	--	--	--	--
Water vehicle	8	5	--	--	1	3	3	--	--	--	--	--	--
Barge	2	1	--	--	1	--	--	--	--	--	--	--	--
Highway vehicles, motorized	627	153	70	61	22	395	288	10	9	36	16	15	20
Passenger vehicle--automobiles, buses, and passenger vans	134	29	18	10	--	71	41	1	--	10	3	8	6
Ambulance, police, and other emergency passenger vehicle	6	--	--	--	--	1	1	--	--	--	--	--	--
Automobile	105	27	18	8	--	53	30	1	--	6	3	6	6
Bus	5	--	--	--	--	4	--	--	--	--	--	--	--
Passenger van	14	1	--	1	--	9	5	--	--	--	--	1	--
Motor home, RV	3	--	--	--	--	3	3	--	--	--	--	--	--
Trucks--motorized freight hauling and utility	332	80	31	33	16	228	187	7	6	13	6	--	6
Semi, tractor-trailer, tanker truck	259	62	27	21	14	179	149	6	4	8	5	--	6
Boom truck, bucket or basket hoist truck	3	--	--	--	--	1	1	--	--	--	--	--	--
Dump truck	21	6	--	6	--	13	9	--	1	3	--	--	--
Garbage, recycling, or refuse truck	7	2	--	1	1	4	3	--	--	--	--	--	--
Delivery truck or van	18	3	--	1	--	14	11	1	1	--	--	--	--
Cement truck, concrete mixer truck	3	1	--	1	--	--	--	--	--	--	--	--	--
Tow truck	6	--	--	--	--	6	6	--	--	--	--	--	--
Multi-purpose highway vehicles	157	44	21	18	5	92	57	--	1	12	7	5	8
Pickup truck	99	29	17	10	--	59	35	--	1	11	4	3	3
SUV, sports utility vehicle	56	15	4	8	3	31	20	--	--	--	3	--	5
Animal- and human-powered vehicles	1	--	--	--	--	--	--	--	--	--	--	--	--
Bicycle, pedal cycle	1	--	--	--	--	--	--	--	--	--	--	--	--
Off-road or industrial vehicles--powered	43	21	13	5	3	21	13	--	3	4	--	--	--
Industrial vehicles, material hauling and transport--powered	27	10	--	5	3	17	10	--	3	4	--	--	--
Forklift, order picker, platform truck--powered	24	9	--	4	3	15	9	--	3	3	--	--	--
Tractors, PTOs	14	10	10	--	--	3	3	--	--	--	--	--	--
Farm tractor	12	8	8	--	--	3	3	--	--	--	--	--	--
Plant and industrial vehicles--nonpowered	4	2	2	--	--	2	--	--	--	2	--	--	--
Cart, dolly, hand truck--nonpowered	1	--	--	--	--	1	--	--	--	1	--	--	--
Wagon	2	2	2	--	--	--	--	--	--	--	--	--	--

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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	Education and health services	Leisure and hospitality	Other services
Wheelbarrow	1	--	--	--	--	1	--	--	--	1	--	--	--
Other vehicles	--	--	--	--	--	--	1	--	--	--	--	--	--
Humvee	1	--	--	--	--	1	1	--	--	--	--	--	--
Other sources	187	76	40	16	20	89	30	4	7	17	9	16	6
Apparel and textiles	30	17	7	3	7	13	3	--	--	4	--	4	--
Clothing and shoes	29	17	7	3	7	12	3	--	--	4	--	3	--
Belts, gloves, neckties, scarves	5	--	--	--	--	3	--	--	--	--	--	1	--
Blouses, shirts, dresses, trousers, skirts	16	12	5	--	6	4	1	--	--	--	--	1	--
Environmental and elemental conditions	137	53	32	12	9	66	25	3	7	10	7	11	3
Fire, flame, smoke	4	--	--	--	--	--	--	--	--	--	--	--	--
Fire, flame	3	--	--	--	--	--	--	--	--	--	--	--	--
Multiple fire, flame, smoke	1	--	--	--	--	--	--	--	--	--	--	--	--
Flooding and other water sources	25	16	15	--	--	7	3	--	--	--	--	--	--
Flooding	8	--	--	--	--	5	3	--	--	1	--	1	--
Waves, surges, rough seas	17	15	15	--	--	--	--	--	--	--	--	--	--
Weather and atmospheric conditions	100	33	17	10	6	55	22	3	7	6	6	9	--
High winds, gusts, turbulence	25	10	7	3	--	13	3	1	--	--	--	--	--
Ice, sleet, snow	38	10	6	--	--	22	10	--	--	4	1	--	--
Lightning	5	--	--	--	--	--	--	--	--	--	--	--	--
Rain	10	5	--	3	--	5	5	--	--	--	--	--	--
Tornado, hurricane, typhoon	18	5	--	--	--	12	--	--	--	--	--	--	--
Multiple weather and atmospheric conditions	3	1	1	--	--	--	--	--	--	--	--	--	--
Other environmental and elemental conditions	6	4	--	--	3	1	--	--	--	1	--	--	--
Sun	4	--	--	--	--	1	--	--	--	1	--	--	--
Other steam, vapors, liquids, ice	14	5	--	--	4	5	--	1	--	--	--	--	--
Liquids--nonchemical	11	--	--	--	--	5	--	1	--	--	--	--	--
Water	6	--	--	--	--	3	--	--	--	--	--	--	--

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Primary source and secondary source ²	Total fatal injuries (number)	Goods producing				Service providing							
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¹ Industry data are based on the North American Industry Classification System, 2007.

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, April 25, 2013.