

TABLE A-10. Fatal occupational injuries by primary and secondary source of injury by major private industry division, All United States, 2001

Primary source and secondary source	Total fatalities (number)	Private Industry ¹ (percent)								
		Agriculture, forestry, and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Total.....	5,900	12.5	2.9	20.8	10.2	15.4	3.7	9.1	1.5	13.0
Primary source²										
Vehicles	2,602	15.2	1.8	11.5	7.3	26.1	5.1	5.5	1.0	12.5
Vehicle, unspecified	9	--	--	--	--	--	--	--	--	44.4
Air vehicle	253	5.5	--	4.7	5.9	30.8	1.2	2.0	2.8	12.6
Aircraft, unspecified	21	--	--	--	--	28.6	--	--	--	--
Aircraft--powered fixed wing	185	6.5	--	5.4	6.5	30.8	1.6	1.6	2.7	13.5
Aircraft--powered fixed wing, unspecified	24	--	--	--	20.8	37.5	--	--	--	25.0
Jet	48	--	--	--	10.4	41.7	--	--	6.3	10.4
Propeller-driven aircraft	105	10.5	--	5.7	--	24.8	2.9	--	--	12.4
Aircraft--powered fixed wing, n.e.c.	8	--	--	50.0	--	--	--	--	--	--
Aircraft--powered rotary wing	43	--	--	--	--	34.9	--	--	--	9.3
Helicopter	43	--	--	--	--	34.9	--	--	--	9.3
Aircraft--nonpowered	4	--	--	--	--	--	--	--	--	--
Parachute	4	--	--	--	--	--	--	--	--	--
Highway vehicle, motorized	1,869	6.8	2.2	13.0	7.4	29.5	6.3	6.8	1.0	13.1
Highway vehicle, unspecified	50	--	--	20.0	10.0	14.0	10.0	18.0	--	16.0
Automobile	396	4.3	0.8	4.8	6.8	10.4	5.1	11.4	3.3	26.3
Bus	27	22.2	--	--	--	40.7	--	--	--	--
Motorcycle, moped	31	--	--	--	--	--	--	16.1	--	35.5
Truck	1,216	7.3	3.1	16.4	7.8	38.3	6.1	4.7	0.3	6.7
Truck, unspecified	122	8.2	--	23.0	9.0	23.8	8.2	5.7	--	10.7
Delivery truck	46	--	--	10.9	21.7	15.2	13.0	19.6	--	6.5
Dump truck	93	9.7	--	48.4	--	24.7	--	--	--	3.2
Pickup truck	277	15.5	6.5	27.8	5.4	9.7	5.1	7.2	1.1	7.9
Semitrailer, tractor trailer, trailer truck	498	2.8	2.2	4.0	6.8	68.9	7.6	2.4	--	2.4
Truck, n.e.c.	180	6.7	2.8	13.3	13.9	20.6	2.8	4.4	--	16.1
Van--passenger or light delivery	142	9.9	--	9.9	7.7	16.2	12.7	7.0	--	24.6
Highway vehicle, motorized, n.e.c.	5	--	--	--	--	60.0	--	--	--	--
Highway vehicle, nonmotorized	4	100.0	--	--	--	--	--	--	--	--
Animal or human powered vehicle	4	100.0	--	--	--	--	--	--	--	--
Offroad vehicle, nonindustrial	23	43.5	--	--	--	--	--	--	--	17.4
All terrain vehicle (ATV)	14	71.4	--	--	--	--	--	--	--	--
Offroad vehicle, nonindustrial, n.e.c.	6	--	--	--	--	--	--	--	--	--
Plant and industrial powered vehicles, tractors	310	60.3	--	11.9	8.1	3.2	2.6	3.2	--	9.4
Forklift	93	9.7	--	21.5	21.5	6.5	6.5	8.6	--	22.6
Forklift, unspecified	68	8.8	--	19.1	23.5	5.9	4.4	8.8	--	25.0
Platform lift truck--high or low lift	3	--	--	--	--	--	--	--	--	--
Forklift, n.e.c.	14	--	--	28.6	--	--	21.4	--	--	21.4
Powered industrial carrier, except forklifts	4	--	--	--	--	--	--	--	--	--
Powered industrial carrier, n.e.c.	3	--	--	--	--	--	--	--	--	--
Tractor	211	84.4	--	7.6	2.4	--	--	--	--	3.3
Plant and industrial vehicle--nonpowered	3	--	--	--	--	--	--	--	--	--
Rail vehicle	37	--	10.8	8.1	8.1	48.6	--	--	--	--
Train	27	--	--	--	--	59.3	--	--	--	--
Rail vehicle, n.e.c.	7	--	--	--	--	--	--	--	--	--
Water vehicle	93	54.8	--	--	--	21.5	--	--	--	8.6

See footnotes at end of table.

TABLE A-10. Fatal occupational injuries by primary and secondary source of injury by major private industry division, All United States, 2001 - continued

Primary source and secondary source	Total fatalities (number)	Private Industry ¹ (percent)								
		Agriculture, forestry, and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Water vehicle, unspecified	3	--	--	--	--	--	--	--	--	--
Barge	10	--	--	--	--	60.0	--	--	--	--
Canoe, kayak, rowboat, raft	5	60.0	--	--	--	--	--	--	--	--
Motorboat, yachts	10	--	--	--	--	--	--	--	--	--
Ships--other than sail powered	11	--	--	--	--	81.8	--	--	--	--
Tugboat, commercial fishing boat	48	89.6	--	--	--	8.3	--	--	--	--
Water vehicle, n.e.c.	6	--	--	--	--	--	--	--	--	83.3
Structures and surfaces	913	8.7	3.3	51.5	6.0	5.7	1.6	4.9	1.9	11.1
Structures and surfaces, unspecified	8	--	--	50.0	--	--	--	--	--	--
Floors, walkways, ground surfaces	782	8.1	1.4	52.4	6.0	6.0	1.8	5.5	1.9	11.8
Floors, walkways, ground surfaces, unspecified	58	--	--	63.8	5.2	5.2	--	5.2	--	6.9
Escalators	4	--	--	--	--	--	--	--	--	75.0
Floors	251	3.6	--	46.2	10.8	6.4	2.0	10.4	2.0	12.7
Floor, unspecified	9	--	--	44.4	33.3	--	--	--	--	--
Floor of building	222	3.6	--	46.8	9.5	6.3	1.4	11.3	1.8	14.4
Floor, n.e.c.	15	--	--	33.3	20.0	--	--	--	--	--
Ground	329	14.0	1.8	55.9	3.6	5.5	1.8	1.5	0.9	10.0
Sidewalks, paths, outdoor walkways	38	--	--	63.2	--	--	--	--	7.9	18.4
Stairs, steps	13	--	--	46.2	--	--	--	23.1	--	--
Stairs, steps, unspecified	3	--	--	100.0	--	--	--	--	--	--
Stairs, steps--indoors	7	--	--	--	--	--	--	42.9	--	--
Stairs, steps--outdoors	3	--	--	--	--	--	--	--	--	--
Street, road	19	--	--	42.1	--	21.1	--	--	--	--
Surfaces below ground level, n.e.c.	25	--	--	68.0	--	--	--	--	--	12.0
Ditches, channels, trenches, excavations	18	--	--	88.9	--	--	--	--	--	--
Surfaces below ground level, n.e.c.	7	--	--	--	--	--	--	--	--	42.9
Parking lots	22	--	--	13.6	--	22.7	--	18.2	--	13.6
Other floors, walkways, ground surfaces	23	--	--	65.2	--	--	--	--	--	13.0
Other floors, walkways, ground surfaces, unspecified	11	--	--	63.6	--	--	--	--	--	--
Ramps, runways, loading docks	3	--	--	--	--	--	--	--	--	--
Floors, walkways, ground surfaces, n.e.c.	8	--	--	75.0	--	--	--	--	--	--
Other structural elements	47	14.9	6.4	51.1	8.5	--	--	--	--	6.4
Doors	7	--	--	--	--	--	--	--	--	--
Fences, fence panels	5	60.0	--	--	--	--	--	--	--	--
Gates	3	--	--	--	--	--	--	--	--	--
Roof	8	--	--	37.5	--	--	--	--	--	--
Walls	16	--	--	93.8	--	--	--	--	--	--
Structural elements, n.e.c.	8	--	--	75.0	--	--	--	--	--	--
Structures	70	10.0	22.9	41.4	4.3	4.3	--	--	--	5.7
Buildings--office, plant, residential	16	25.0	--	37.5	--	--	--	--	--	--
Mines, caves, tunnels	11	--	72.7	--	--	--	--	--	--	--
Mines, mine tunnels	8	--	100.0	--	--	--	--	--	--	--
Scaffolds, staging	15	--	--	80.0	--	--	--	--	--	--
Scaffolds--staging, unspecified	13	--	--	84.6	--	--	--	--	--	--
Towers, poles	17	--	47.1	29.4	--	--	--	--	--	--
Other structures	7	--	--	--	--	--	--	--	--	--
Wells	3	--	--	--	--	--	--	--	--	--
Structures, n.e.c.	3	--	--	--	--	--	--	--	--	--
Structures and surfaces, n.e.c.	6	--	--	50.0	--	--	--	--	--	--
Machinery	459	18.1	7.4	29.6	22.0	4.6	3.5	0.7	1.5	8.1

See footnotes at end of table.

TABLE A-10. Fatal occupational injuries by primary and secondary source of injury by major private industry division, All United States, 2001 - continued

Primary source and secondary source	Total fatalities (number)	Private Industry ¹ (percent)								
		Agriculture, forestry, and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Agricultural and garden machinery	65	80.0	--	--	--	--	--	--	--	6.2
Harvesting and threshing machinery	18	94.4	--	--	--	--	--	--	--	--
Balers	8	87.5	--	--	--	--	--	--	--	--
Combines	4	100.0	--	--	--	--	--	--	--	--
Harvesting and threshing machinery, n.e.c.	3	100.0	--	--	--	--	--	--	--	--
Mowing machinery	22	45.5	--	--	--	--	--	--	--	18.2
Lawn mowers--riding	7	--	--	--	--	--	--	--	--	--
Mowers--tractor	15	53.3	--	--	--	--	--	--	--	20.0
Plowing, planting, and fertilizing machinery	9	100.0	--	--	--	--	--	--	--	--
Seed planting machinery	3	100.0	--	--	--	--	--	--	--	--
Other agricultural and garden machinery	16	100.0	--	--	--	--	--	--	--	--
Feed grinders, crushers, mixers--agricultural	5	100.0	--	--	--	--	--	--	--	--
Spraying and dusting machinery--agricultural	3	100.0	--	--	--	--	--	--	--	--
Agricultural and garden machinery, n.e.c.	8	100.0	--	--	--	--	--	--	--	--
Construction, logging, and mining machinery	174	12.1	11.5	43.7	14.4	2.3	2.9	--	--	5.7
Excavating machinery	45	6.7	6.7	68.9	--	--	--	--	--	8.9
Excavating machinery, unspecified	4	--	--	75.0	--	--	--	--	--	--
Backhoes	24	--	--	79.2	--	--	--	--	--	--
Bulldozers	13	--	23.1	38.5	--	--	--	--	--	--
Loaders	48	25.0	10.4	25.0	10.4	6.3	8.3	--	--	--
Loaders, unspecified	8	50.0	--	--	--	--	--	--	--	--
Bucket loaders	10	--	--	--	--	--	--	--	--	--
End loaders	3	--	--	--	--	--	--	--	--	--
Front end loaders	22	18.2	--	40.9	--	--	--	--	--	--
Loaders, n.e.c.	5	--	--	--	--	--	--	--	--	--
Logging and wood processing machinery--specialized	23	17.4	--	--	60.9	--	--	--	--	--
Chippers	4	--	--	--	--	--	--	--	--	--
Log loaders, including heel boom	4	--	--	--	--	--	--	--	--	--
Forwarder/yarder, skidder	4	--	--	--	75.0	--	--	--	--	--
Skidder--cable and grapple	3	--	--	--	--	--	--	--	--	--
Logging and wood processing machinery--specialized, n.e.c.	4	--	--	--	--	--	--	--	--	--
Mining and drilling machinery	17	--	64.7	23.5	--	--	--	--	--	--
Drilling machines, drilling augers	10	--	50.0	30.0	--	--	--	--	--	--
Mining and drilling machinery, n.e.c.	4	--	100.0	--	--	--	--	--	--	--
Road grading and surfacing machinery	29	--	--	75.9	--	--	--	--	--	--
Graders, levellers, planers, scrapers	12	--	--	58.3	--	--	--	--	--	--
Steam rollers, road pavers	14	--	--	92.9	--	--	--	--	--	--
Other construction, logging, and mining machinery	10	--	--	40.0	40.0	--	--	--	--	--
Agitators, mixers--earth, mineral	3	--	--	--	100.0	--	--	--	--	--
Compactors, crushers, pulverizers--earth, mineral	6	--	--	66.7	--	--	--	--	--	--
Heating, cooling, and cleaning machinery and appliances	21	--	--	38.1	14.3	--	--	--	--	23.8
Cooling and humidifying machinery and appliances	12	--	--	58.3	--	--	--	--	--	--
Air conditioning units	8	--	--	75.0	--	--	--	--	--	--
Heating and cooking machinery and appliances	5	--	--	--	60.0	--	--	--	--	--
Washers, dryers, and cleaning machinery and appliances	4	--	--	--	--	--	--	--	--	--
Material handling machinery	126	7.1	6.3	34.9	20.6	11.9	3.2	--	--	11.9
Conveyors--powered	29	17.2	10.3	--	41.4	13.8	--	--	--	--
Conveyors--powered, unspecified	6	--	--	--	66.7	--	--	--	--	--
Conveyors--belt	8	--	--	--	37.5	--	--	--	--	--

See footnotes at end of table.

TABLE A-10. Fatal occupational injuries by primary and secondary source of injury by major private industry division, All United States, 2001 - continued

Primary source and secondary source	Total fatalities (number)	Private Industry ¹ (percent)								
		Agriculture, forestry, and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Conveyors--chain	3	--	--	--	--	--	--	--	--	--
Conveyors--screw, auger	9	55.6	--	--	--	--	--	--	--	--
Cranes	45	--	--	46.7	13.3	13.3	--	--	--	11.1
Cranes, unspecified	13	--	--	61.5	--	--	--	--	--	--
Cranes--gantry	4	--	--	--	--	--	--	--	--	--
Cranes--mobile, truck, rail mounted	17	--	--	58.8	--	--	--	--	--	--
Cranes--overhead	7	--	--	42.9	--	--	--	--	--	--
Cranes, n.e.c.	3	--	--	--	--	--	--	--	--	--
Overhead hoists	10	--	--	--	30.0	--	--	--	--	30.0
Overhead hoists, unspecified	5	--	--	--	--	--	--	--	--	--
Overhead hoists--electric powered	3	--	--	--	--	--	--	--	--	--
Elevators	31	--	--	54.8	--	16.1	--	--	--	12.9
Elevators, unspecified	6	--	--	--	--	--	--	--	--	--
Bucket or basket hoist--truck mounted	14	--	--	64.3	--	21.4	--	--	--	--
Elevators--electric	3	--	--	--	--	--	--	--	--	--
Manlifts	4	--	--	75.0	--	--	--	--	--	--
Jacks	4	--	--	--	--	--	--	--	--	--
Jacks--hydraulic	4	--	--	--	--	--	--	--	--	--
Other material handling machinery	4	--	--	--	--	--	--	--	--	--
Metal, woodworking, and special material machinery	34	--	--	11.8	79.4	--	--	--	--	--
Bending, rolling, shaping machinery	3	--	--	--	--	--	--	--	--	--
Boring, drilling, planing, milling machinery	6	--	--	--	66.7	--	--	--	--	--
Extruding, injecting, forming, molding machinery	10	--	--	--	100.0	--	--	--	--	--
Plastic injection molding machinery	5	--	--	--	100.0	--	--	--	--	--
Grinding, polishing machinery	3	--	--	--	--	--	--	--	--	--
Presses, except printing	5	--	--	--	100.0	--	--	--	--	--
Sawing machinery--stationary	3	--	--	--	--	--	--	--	--	--
Other metal, woodworking, and special material machinery	3	--	--	--	100.0	--	--	--	--	--
Special process machinery	25	--	20.0	12.0	44.0	--	--	--	--	--
Food and beverage processing machinery--specialized	8	--	--	--	75.0	--	--	--	--	--
Mixers, blenders, whippers--food and beverage	5	--	--	--	80.0	--	--	--	--	--
Food and beverage processing machinery--specialized, n.e.c.	3	--	--	--	--	--	--	--	--	--
Paper production machinery	4	--	--	--	75.0	--	--	--	--	--
Other special process machinery	10	--	50.0	30.0	--	--	--	--	--	--
Pumps	8	--	62.5	37.5	--	--	--	--	--	--
Miscellaneous machinery	12	--	--	--	66.7	--	--	--	--	--
Product assembly machinery, n.e.c.	3	--	--	--	100.0	--	--	--	--	--
Other machinery	9	--	--	--	55.6	--	--	--	--	--
Parts and materials	420	8.3	4.0	37.1	15.2	9.0	3.6	3.8	1.9	12.1
Building materials--solid elements	135	5.2	6.7	43.0	18.5	8.1	5.2	--	--	8.9
Bricks, blocks, structural stone	20	--	--	65.0	--	--	--	--	--	--
Bricks and pavers	3	--	--	--	--	--	--	--	--	--
Concrete blocks, cinder blocks	7	--	--	100.0	--	--	--	--	--	--
Structural stones or slabs, n.e.c.	7	--	--	57.1	--	--	--	--	--	--
Pipes, ducts, tubing	48	10.4	12.5	33.3	18.8	12.5	--	--	--	--
Pipes, ducts, tubing, unspecified	7	--	--	--	--	--	--	--	--	--
Metal pipe, tubing	27	--	14.8	40.7	22.2	--	--	--	--	--
Pipe fittings	3	--	--	--	--	--	--	--	--	--
Plastic or rubber pipe and tubing	4	--	--	--	--	--	--	--	--	--

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Pipes, ducts, tubing, n.e.c.	6	--	--	--	--	--	--	--	--	--
Structural metal materials	45	--	6.7	44.4	26.7	6.7	--	--	--	8.9
Bars, rods, reinforcing bar (rebar)	7	--	--	71.4	--	--	--	--	--	--
Beams	21	--	--	38.1	33.3	--	--	--	--	--
Plates, metal panels	7	--	--	42.9	--	--	--	--	--	--
Structural metal materials, n.e.c.	3	--	--	--	--	--	--	--	--	--
Wood, lumber	14	--	--	35.7	--	--	--	--	--	21.4
Dimensional lumber: 2x4, 2x3, etc.	6	--	--	50.0	--	--	--	--	--	--
Plywood, wood paneling; particle, chip, flake board	3	--	--	--	--	--	--	--	--	--
Wood, lumber, n.e.c.	3	--	--	--	--	--	--	--	--	--
Other building materials--solid elements	7	--	--	42.9	--	--	--	--	--	--
Wallboard, drywall	3	--	--	--	--	--	--	--	--	--
Fasteners, connectors, ropes, ties	74	9.5	--	10.8	10.8	10.8	4.1	8.1	8.1	24.3
Ropes, ties	69	10.1	--	8.7	8.7	10.1	4.3	8.7	8.7	26.1
Ropes, ties, unspecified	15	--	--	20.0	--	--	--	--	--	33.3
Chains, n.e.c.	7	--	--	--	57.1	--	--	--	--	--
Rope, twine, string	35	17.1	--	--	--	--	--	11.4	8.6	25.7
Ropes, ties, n.e.c.	7	--	--	--	--	--	--	--	--	--
Valves, nozzles	3	--	--	--	--	--	--	--	--	--
Hoisting accessories	7	--	--	--	--	--	--	--	--	--
Hooks, shackles, magnets, clamshells	4	--	--	--	--	--	--	--	--	--
Machine, tool, and electric parts	157	7.6	2.5	50.3	14.0	8.9	3.2	2.5	--	5.7
Electric parts	141	7.1	--	53.2	11.3	9.9	2.8	2.8	--	5.7
Electric parts, unspecified	8	--	--	37.5	50.0	--	--	--	--	--
Electrical wiring	62	--	--	58.1	9.7	8.1	--	--	--	9.7
Power lines, transformers, convertors	58	13.8	--	50.0	6.9	15.5	--	--	--	--
Switchboards, switches, fuses	5	--	--	60.0	--	--	--	--	--	--
Electric parts, n.e.c.	6	--	--	50.0	--	--	--	--	--	--
Machine and appliance parts	13	--	--	23.1	38.5	--	--	--	--	--
Machine and appliance parts, n.e.c.	8	--	--	--	37.5	--	--	--	--	--
Tool parts, accessories	3	--	--	--	--	--	--	--	--	--
Tool parts, accessories, n.e.c.	3	--	--	--	--	--	--	--	--	--
Metal materials--nonstructural	4	--	--	--	100.0	--	--	--	--	--
Vehicle and mobile equipment parts	38	15.8	--	18.4	10.5	10.5	--	10.5	--	28.9
Tires, inner tubes, wheels	20	20.0	--	--	20.0	--	--	20.0	--	25.0
Tires, except bike	10	30.0	--	--	--	--	--	30.0	--	--
Wheels, tire rims	8	--	--	--	37.5	--	--	--	--	--
Engine parts and accessories	3	--	--	--	--	--	--	--	--	--
Trailers	9	--	--	55.6	--	--	--	--	--	--
Vehicle and mobile equipment parts, n.e.c.	6	--	--	--	--	--	--	--	--	50.0
Persons, plants, animals, and minerals	263	28.1	3.4	12.9	24.7	1.5	5.7	6.1	1.5	10.6
Animals and animal products	33	66.7	--	--	--	--	--	--	--	21.2
Insects, arachnids (spiders, ticks, scorpions, etc.)	3	--	--	--	--	--	--	--	--	--
Mammals, except humans	29	72.4	--	--	--	--	--	--	--	20.7
Cattle	16	75.0	--	--	--	--	--	--	--	--
Horses	12	75.0	--	--	--	--	--	--	--	25.0
Food products--fresh or processed	29	31.0	--	--	13.8	--	27.6	17.2	--	--
Grains, grain mill products	17	47.1	--	--	--	--	47.1	--	--	--
Other food products--fresh or processed	4	--	--	--	--	--	--	--	--	--
Nonmetallic minerals, except fuel	35	--	25.7	57.1	11.4	--	--	--	--	--

See footnotes at end of table.

TABLE A-10. Fatal occupational injuries by primary and secondary source of injury by major private industry division, All United States, 2001 - continued

Primary source and secondary source	Total fatalities (number)	Private Industry ¹ (percent)								
		Agriculture, forestry, and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Boulders	5	--	80.0	--	--	--	--	--	--	--
Dirt, earth	16	--	--	87.5	--	--	--	--	--	--
Rocks, crushed stone	9	--	44.4	44.4	--	--	--	--	--	--
Sand, gravel	4	--	--	--	--	--	--	--	--	--
Person--injured or ill worker	5	--	--	--	--	--	--	--	--	--
Bodily motion or position of injured, ill worker	4	--	--	--	--	--	--	--	--	--
Person--other than injured or ill worker	35	--	--	--	11.4	--	--	28.6	8.6	34.3
Person--other than injured or ill worker, unspecified	4	--	--	--	--	--	--	--	--	--
Health care patient or resident of health care facility	5	--	--	--	--	--	--	--	--	100.0
Robber	6	--	--	--	--	--	--	--	--	--
Person--other than injured or ill worker, n.e.c.	16	--	--	--	--	--	--	31.3	18.8	31.3
Plants, trees, vegetation--not processed	124	34.7	--	9.7	41.9	--	2.4	--	--	3.2
Cash grain crops	5	80.0	--	--	--	--	--	--	--	--
Trees, logs	117	32.5	--	10.3	44.4	--	--	--	--	3.4
Chemicals and chemical products	122	6.6	3.3	11.5	19.7	13.9	4.1	2.5	--	29.5
Acids	4	--	--	--	75.0	--	--	--	--	--
Inorganic acids--other	3	--	--	--	--	--	--	--	--	--
Alkalies	5	--	--	--	--	--	--	--	--	--
Sodium and potassium hydroxide, potassium carbonate	4	--	--	--	--	--	--	--	--	--
Aromatics and hydrocarbon derivatives, except halogenated	5	--	--	--	--	--	--	--	--	80.0
Alcohols	3	--	--	--	--	--	--	--	--	--
Halogens and halogen compounds	3	--	--	--	--	--	--	--	--	--
Chemical products--general	45	--	--	13.3	--	13.3	--	--	--	51.1
Drugs, alcohol, medicines	40	--	--	10.0	--	15.0	--	--	--	50.0
Drugs--nonmedicinal	18	--	--	--	--	16.7	--	--	--	27.8
Medicines	13	--	--	--	--	--	--	--	--	84.6
Multiple drugs, medicines	7	--	--	--	--	--	--	--	--	42.9
Coal, natural gas, petroleum fuels and products, n.e.c.	8	--	--	37.5	--	--	--	--	--	--
Petroleum fuels, distillates, products, n.e.c.	4	--	--	75.0	--	--	--	--	--	--
Other chemicals	51	11.8	--	7.8	27.5	13.7	5.9	--	--	15.7
Ammonia and ammonium compounds	4	--	--	--	--	--	--	--	--	--
Cryogenic gases	3	--	--	--	--	--	--	--	--	--
Oxygen and oxygen compounds, n.e.c.	23	--	--	--	17.4	--	--	--	--	30.4
Carbon monoxide	21	--	--	--	--	--	--	--	--	33.3
Sewer gas, mine gas, methane	8	--	--	--	--	--	--	--	--	--
Sewer gas	5	--	--	--	--	--	--	--	--	--
Sulfur and sulfur compounds	4	75.0	--	--	--	--	--	--	--	--
Hydrogen sulfide	4	75.0	--	--	--	--	--	--	--	--
Multiple chemicals or chemical mixtures, n.e.c.	4	--	--	--	75.0	--	--	--	--	--
Other multiple chemicals or chemical mixtures	4	--	--	--	75.0	--	--	--	--	--
Chemicals and chemical products, n.e.c.	4	--	--	--	--	--	--	--	--	--
Tools, instruments, and equipment	122	9.8	--	23.0	4.1	7.4	--	25.4	4.9	21.3
Tools, instruments, and equipment, unspecified	6	--	--	--	--	--	--	66.7	--	--
Handtools--nonpowered	74	--	--	13.5	--	10.8	--	33.8	6.8	25.7
Cutting handtools--nonpowered	59	--	--	6.8	--	11.9	--	39.0	6.8	27.1
Cutting handtools--nonpowered, unspecified	6	--	--	--	--	--	--	--	--	50.0
Knives	48	--	--	--	--	12.5	--	43.8	8.3	22.9
Other handtools--nonpowered	7	--	--	57.1	--	--	--	--	--	--
Crowbars	6	--	--	50.0	--	--	--	--	--	--
Handtools--powered	17	35.3	--	47.1	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-10. Fatal occupational injuries by primary and secondary source of injury by major private industry division, All United States, 2001 - continued

Primary source and secondary source	Total fatalities (number)	Private Industry ¹ (percent)								
		Agriculture, forestry, and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Cutting handtools--powered	10	40.0	--	40.0	--	--	--	--	--	--
Chainsaws--powered	6	66.7	--	--	--	--	--	--	--	--
Saws--powered, except chainsaws	4	--	--	100.0	--	--	--	--	--	--
Ladders	15	26.7	--	66.7	--	--	--	--	--	--
Ladders--movable	15	26.7	--	66.7	--	--	--	--	--	--
Movable ladders, unspecified	6	--	--	83.3	--	--	--	--	--	--
Extension ladders	7	42.9	--	57.1	--	--	--	--	--	--
Recreation and athletic equipment	4	--	--	--	--	--	--	--	--	100.0
Recreation and athletic equipment, n.e.c.	3	--	--	--	--	--	--	--	--	100.0
Other tools, instruments, and equipment	3	--	--	--	--	--	--	--	--	--
Containers	83	7.2	12.0	10.8	21.7	16.9	4.8	8.4	--	9.6
Containers--nonpressurized	37	--	10.8	13.5	10.8	21.6	--	10.8	--	10.8
Bags, sacks, totes	3	--	--	--	--	--	--	--	--	--
Boxes, crates, cartons	6	--	--	--	--	50.0	--	--	--	--
Tanks, bins, vats	22	--	18.2	--	13.6	22.7	--	--	--	--
Containers--pressurized	21	--	28.6	--	28.6	--	--	--	--	--
Hoses	4	--	--	--	--	--	--	--	--	--
Oxygen tanks	4	--	--	--	--	--	--	--	--	--
Pressure lines, except hoses	5	--	80.0	--	--	--	--	--	--	--
Containers--pressurized, n.e.c.	7	--	--	--	42.9	--	--	--	--	--
Containers--variable restraint	23	21.7	--	13.0	34.8	13.0	--	--	--	--
Bundles, bales	16	31.3	--	--	25.0	--	--	--	--	--
Reels, rolls	7	--	--	--	57.1	--	--	--	--	--
Furniture and fixtures	26	--	--	19.2	15.4	--	--	19.2	--	23.1
Cases, cabinets, racks, shelves	7	--	--	--	--	--	--	42.9	--	--
Furniture	7	--	--	--	--	--	--	--	--	42.9
Tables, worktables	4	--	--	--	--	--	--	--	--	--
Other fixtures	10	--	--	40.0	--	--	--	--	--	30.0
Lighting equipment	9	--	--	44.4	--	--	--	--	--	33.3
Lighting equipment, unspecified	5	--	--	--	--	--	--	--	--	--
Lighting equipment, n.e.c.	3	--	--	--	--	--	--	--	--	--
Other sources	890	5.3	2.0	8.3	8.2	8.5	1.9	30.0	1.8	16.7
Ammunition	633	3.6	--	3.8	6.3	8.1	1.7	40.1	2.4	17.2
Bullets	616	3.6	--	3.9	6.2	8.3	1.8	40.4	2.4	17.4
Pellets	12	--	--	--	--	--	--	41.7	--	--
Apparel and textiles	8	--	--	--	--	--	--	--	--	50.0
Clothing and shoes	6	--	--	--	--	--	--	--	--	--
Belts, gloves, neckties, scarves	4	--	--	--	--	--	--	--	--	--
Atmospheric and environmental conditions	155	4.5	9.0	20.0	15.5	10.3	2.6	6.5	--	11.6
Fire, flame, smoke	106	--	13.2	11.3	20.8	10.4	2.8	9.4	--	9.4
Fire, flame, smoke, unspecified	6	--	--	--	50.0	--	--	--	--	--
Fire, flame	73	--	17.8	12.3	24.7	12.3	--	8.2	--	11.0
Smoke, fire gases	27	--	--	--	--	--	--	11.1	--	--
Temperature extremes--environmental	26	11.5	--	42.3	--	--	--	--	--	15.4
Heat--environmental	24	12.5	--	45.8	--	--	--	--	--	12.5
Weather and atmospheric conditions	13	--	--	30.8	--	--	--	--	--	--
Lightning	12	--	--	33.3	--	--	--	--	--	--
Other environmental conditions	8	--	--	50.0	--	--	--	--	--	--
Environmental conditions, n.e.c.	8	--	--	50.0	--	--	--	--	--	--
Scrap, waste, debris	5	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-10. Fatal occupational injuries by primary and secondary source of injury by major private industry division, All United States, 2001 - continued

Primary source and secondary source	Total fatalities (number)	Private Industry ¹ (percent)								
		Agriculture, forestry, and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Chips, particles, splinters	3	--	--	--	--	--	--	--	--	--
Metal chips, particles	3	--	--	--	--	--	--	--	--	--
Steam, vapors, liquids, n.e.c.	69	23.2	--	15.9	5.8	10.1	--	--	--	20.3
Steam, vapors--nonchemical	4	--	--	--	--	--	--	--	--	--
Liquids	65	24.6	--	13.8	6.2	9.2	--	--	--	20.0
Water	62	22.6	--	14.5	6.5	8.1	--	--	--	21.0
Other sources, n.e.c.	6	--	--	--	--	--	--	--	--	--
Nonclassifiable	14	--	--	28.6	21.4	--	--	--	--	--
Secondary source³										
Vehicles	1,043	10.4	2.3	10.4	8.4	25.1	6.9	8.0	1.1	14.0
Vehicle, unspecified	4	--	--	--	--	--	--	--	--	--
Air vehicle	14	28.6	--	--	--	--	--	--	--	--
Aircraft--powered fixed wing	7	57.1	--	--	--	--	--	--	--	--
Propeller-driven aircraft	5	80.0	--	--	--	--	--	--	--	--
Aircraft--powered rotary wing	6	--	--	--	--	--	--	--	--	--
Helicopter	6	--	--	--	--	--	--	--	--	--
Highway vehicle, motorized	884	7.9	2.3	10.5	8.1	26.1	7.1	8.8	1.2	13.8
Highway vehicle, unspecified	55	12.7	--	10.9	10.9	18.2	9.1	10.9	--	14.5
Automobile	162	8.6	--	8.6	8.0	17.3	8.0	8.0	2.5	21.6
Bus	11	--	--	--	--	36.4	--	--	--	--
Motorcycle, moped	4	--	--	--	--	--	--	--	--	75.0
Motor home, recreational vehicle	3	--	--	--	--	--	--	--	--	--
Truck	618	7.4	2.8	10.8	7.8	29.4	7.1	8.9	1.0	11.3
Truck, unspecified	59	--	--	20.3	10.2	18.6	13.6	8.5	--	5.1
Delivery truck	11	--	--	--	--	--	--	27.3	--	--
Dump truck	27	--	--	--	--	44.4	--	11.1	--	--
Pickup truck	108	15.7	5.6	8.3	4.6	17.6	10.2	6.5	--	10.2
Semitrailer, tractor trailer, trailer truck	323	6.5	2.2	10.2	8.4	38.1	5.3	7.4	--	11.1
Truck, n.e.c.	90	4.4	--	12.2	7.8	16.7	7.8	14.4	--	18.9
Van--passenger or light delivery	29	--	--	17.2	10.3	17.2	--	10.3	--	10.3
Offroad vehicle, nonindustrial	5	--	--	--	--	--	--	--	--	--
All terrain vehicle (ATV)	3	--	--	--	--	--	--	--	--	--
Plant and industrial powered vehicles, tractors	45	17.8	8.9	11.1	22.2	6.7	6.7	6.7	--	11.1
Forklift	32	--	--	12.5	31.3	9.4	--	9.4	--	15.6
Forklift, unspecified	22	--	--	--	36.4	13.6	--	--	--	--
Order picker high lift truck	3	--	--	--	--	--	--	--	--	--
Tractor	11	72.7	--	--	--	--	--	--	--	--
Rail vehicle	66	22.7	--	13.6	7.6	28.8	9.1	--	--	12.1
Train	57	26.3	--	15.8	--	29.8	10.5	--	--	12.3
Rail vehicle, n.e.c.	8	--	--	--	62.5	--	--	--	--	--
Water vehicle	23	34.8	--	--	--	26.1	--	--	--	34.8
Barge	4	--	--	--	--	75.0	--	--	--	--
Ships--other than sail powered	5	60.0	--	--	--	--	--	--	--	--
Tugboat, commercial fishing boat	6	66.7	--	--	--	--	--	--	--	--
Water vehicle, n.e.c.	5	--	--	--	--	--	--	--	--	100.0
Structures and surfaces	893	5.4	3.5	40.0	5.9	18.5	3.0	2.5	1.3	10.3
Floors, walkways, ground surfaces	273	9.9	2.6	24.2	6.2	21.2	--	3.7	2.6	13.6
Floors	40	7.5	--	55.0	7.5	7.5	--	--	--	7.5

See footnotes at end of table.

TABLE A-10. Fatal occupational injuries by primary and secondary source of injury by major private industry division, All United States, 2001 - continued

Primary source and secondary source	Total fatalities (number)	Private Industry ¹ (percent)								
		Agriculture, forestry, and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Floor of building	29	10.3	--	55.2	--	--	--	--	--	10.3
Floor of scaffold, staging, or temporary work platform	6	--	--	50.0	--	--	--	--	--	--
Floor, n.e.c.	4	--	--	--	--	--	--	--	--	--
Ground	134	11.9	2.2	10.4	5.2	28.4	--	2.2	3.7	14.2
Stairs, steps	20	--	--	30.0	--	--	--	--	--	30.0
Stairs, steps, unspecified	4	--	--	--	--	--	--	--	--	--
Stairs, steps--indoors	12	--	--	25.0	--	--	--	--	--	25.0
Stairs, steps--outdoors	4	--	--	--	--	--	--	--	--	--
Street, road	22	--	--	36.4	--	22.7	--	--	--	13.6
Surfaces below ground level, n.e.c.	30	13.3	--	36.7	--	16.7	--	--	--	--
Ditches, channels, trenches, excavations	27	14.8	--	33.3	--	14.8	--	--	--	--
Parking lots	6	--	--	--	--	--	--	--	--	--
Other floors, walkways, ground surfaces	18	--	--	16.7	--	33.3	--	--	--	22.2
Ramps, runways, loading docks	13	--	--	--	--	38.5	--	--	--	30.8
Floors, walkways, ground surfaces, n.e.c.	5	--	--	--	--	--	--	--	--	--
Other structural elements	232	2.6	--	69.8	3.9	5.6	3.4	--	1.7	9.9
Doors	6	--	--	--	--	--	--	--	--	--
Fences, fence panels	6	--	--	--	--	--	--	--	--	--
Gates	3	--	--	--	--	--	--	--	--	--
Roof	128	--	--	90.6	--	--	--	--	--	4.7
Roof trusses	13	--	--	76.9	--	--	--	--	--	--
Skylights	17	--	--	70.6	--	--	--	--	--	17.6
Walls	22	--	--	13.6	--	31.8	--	--	--	27.3
Windows	4	--	--	--	--	--	--	--	--	--
Structural elements, n.e.c.	33	--	--	54.5	15.2	--	--	--	--	9.1
Structures	385	3.9	6.2	33.0	7.0	24.2	4.4	2.6	--	8.3
Structures, unspecified	3	--	--	--	--	--	--	--	--	--
Bridges, dams, locks	38	--	--	10.5	7.9	55.3	--	--	--	--
Buildings--office, plant, residential	36	8.3	--	33.3	--	11.1	--	--	--	16.7
Mines, caves, tunnels	32	--	46.9	25.0	--	9.4	--	--	--	--
Mines, mine tunnels	14	--	100.0	--	--	--	--	--	--	--
Sewers, manholes, storm drains	15	--	--	53.3	--	--	--	--	--	--
Scaffolds, staging	90	--	--	76.7	7.8	--	--	--	--	6.7
Scaffolds--staging, unspecified	58	--	--	77.6	5.2	--	--	--	--	5.2
Scaffolds--improvised staging	7	--	--	85.7	--	--	--	--	--	--
Scaffolds--selfsupporting staging	3	--	--	--	--	--	--	--	--	--
Scaffolds--staging supported by structure or other means	7	--	--	71.4	--	--	--	--	--	--
Scaffolds--suspended staging	5	--	--	60.0	--	--	--	--	--	--
Scaffolds--staging, n.e.c.	10	--	--	80.0	--	--	--	--	--	--
Towers, poles	71	4.2	8.5	31.0	8.5	12.7	7.0	--	--	7.0
Other structures	113	4.4	--	9.7	7.1	47.8	8.0	5.3	--	10.6
Guardrails, road dividers	89	--	--	10.1	5.6	53.9	9.0	5.6	--	10.1
Wells	3	--	--	--	--	--	--	--	--	--
Structures, n.e.c.	18	--	--	--	16.7	27.8	--	--	--	--
Machinery	230	14.3	6.1	29.6	17.4	5.7	3.9	3.5	1.7	12.2
Agricultural and garden machinery	16	87.5	--	--	--	--	--	--	--	--
Harvesting and threshing machinery	7	85.7	--	--	--	--	--	--	--	--
Combines	5	80.0	--	--	--	--	--	--	--	--
Mowing machinery	4	75.0	--	--	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-10. Fatal occupational injuries by primary and secondary source of injury by major private industry division, All United States, 2001 - continued

Primary source and secondary source	Total fatalities (number)	Private Industry ¹ (percent)								
		Agriculture, forestry, and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Construction, logging, and mining machinery	51	13.7	15.7	39.2	19.6	--	--	--	--	--
Excavating machinery	15	--	--	53.3	--	--	--	--	--	--
Backhoes	6	--	--	66.7	--	--	--	--	--	--
Bulldozers	5	--	--	--	--	--	--	--	--	--
Loaders	13	30.8	--	30.8	--	--	--	--	--	--
Loaders, unspecified	3	--	--	--	--	--	--	--	--	--
Front end loaders	7	--	--	--	--	--	--	--	--	--
Logging and wood processing machinery--specialized	6	--	--	--	83.3	--	--	--	--	--
Mining and drilling machinery	9	--	77.8	--	--	--	--	--	--	--
Mining and drilling machinery, unspecified	3	--	--	--	--	--	--	--	--	--
Drilling machines, drilling augers	5	--	80.0	--	--	--	--	--	--	--
Road grading and surfacing machinery	4	--	--	75.0	--	--	--	--	--	--
Other construction, logging, and mining machinery	3	--	--	100.0	--	--	--	--	--	--
Heating, cooling, and cleaning machinery and appliances	21	--	--	23.8	14.3	--	--	19.0	--	19.0
Cooling and humidifying machinery and appliances	7	--	--	42.9	--	--	--	--	--	--
Air conditioning units	3	--	--	100.0	--	--	--	--	--	--
Refrigerators, freezers, ice makers	3	--	--	--	--	--	--	--	--	--
Heating and cooking machinery and appliances	10	--	--	--	--	--	--	30.0	--	--
Furnaces, heaters	10	--	--	--	--	--	--	30.0	--	--
Washers, dryers, and cleaning machinery and appliances	3	--	--	--	--	--	--	--	--	--
Material handling machinery	115	10.4	3.5	35.7	10.4	7.8	5.2	3.5	2.6	16.5
Conveyors--powered	6	--	--	--	--	--	--	--	--	--
Cranes	26	--	--	50.0	26.9	--	--	--	--	--
Cranes, unspecified	13	--	--	69.2	--	--	--	--	--	--
Cranes--overhead	10	--	--	40.0	30.0	--	--	--	--	--
Overhead hoists	9	--	--	33.3	--	--	--	--	--	--
Overhead hoists, unspecified	7	--	--	42.9	--	--	--	--	--	--
Elevators	43	18.6	--	48.8	7.0	7.0	--	--	--	11.6
Bucket or basket hoist--truck mounted	26	30.8	--	38.5	--	--	--	--	--	11.5
Manlifts	12	--	--	75.0	--	--	--	--	--	--
Jacks	28	10.7	--	10.7	--	10.7	--	10.7	--	39.3
Jacks, unspecified	16	--	--	--	--	--	--	--	--	43.8
Jacks--hydraulic	5	--	--	--	--	--	--	--	--	--
Jacks, n.e.c.	5	--	--	--	--	--	--	--	--	--
Metal, woodworking, and special material machinery	14	--	--	--	78.6	--	--	--	--	--
Grinding, polishing machinery	3	--	--	--	--	--	--	--	--	--
Presses, except printing	3	--	--	--	100.0	--	--	--	--	--
Sawing machinery--stationary	3	--	--	--	--	--	--	--	--	--
Special process machinery	5	--	--	--	--	--	--	--	--	--
Miscellaneous machinery	6	--	--	--	--	--	--	--	--	--
Other machinery	4	--	--	--	--	--	--	--	--	--
Air compressors	3	--	--	--	--	--	--	--	--	--
Parts and materials	272	18.4	3.7	44.5	9.6	9.2	2.2	1.5	--	7.4
Building materials--solid elements	57	--	--	59.6	12.3	--	5.3	--	--	8.8
Bricks, blocks, structural stone	9	--	--	77.8	--	--	--	--	--	--
Concrete blocks, cinder blocks	8	--	--	87.5	--	--	--	--	--	--
Pipes, ducts, tubing	10	--	--	30.0	30.0	--	--	--	--	--
Pipes, ducts, tubing, unspecified	4	--	--	--	--	--	--	--	--	--
Metal pipe, tubing	5	--	--	--	--	--	--	--	--	--
Structural metal materials	27	--	--	70.4	14.8	--	--	--	--	--

See footnotes at end of table.

TABLE A-10. Fatal occupational injuries by primary and secondary source of injury by major private industry division, All United States, 2001 - continued

Primary source and secondary source	Total fatalities (number)	Private Industry ¹ (percent)								
		Agriculture, forestry, and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Beams	20	--	--	70.0	20.0	--	--	--	--	--
Wood, lumber	9	--	--	44.4	--	--	--	--	--	--
Wood, lumber, unspecified	4	--	--	--	--	--	--	--	--	--
Fasteners, connectors, ropes, ties	24	41.7	16.7	25.0	--	--	--	--	--	--
Ropes, ties	20	50.0	--	25.0	--	--	--	--	--	--
Ropes, ties, unspecified	3	--	--	--	--	--	--	--	--	--
Chains, n.e.c.	7	57.1	--	--	--	--	--	--	--	--
Rope, twine, string	5	60.0	--	--	--	--	--	--	--	--
Hoisting accessories	7	--	--	42.9	--	--	--	--	--	--
Slings	5	--	--	--	--	--	--	--	--	--
Machine, tool, and electric parts	136	21.3	2.9	50.0	5.9	9.6	--	--	--	5.1
Electric parts	131	21.4	3.1	51.1	3.8	9.9	--	--	--	5.3
Electrical wiring	21	14.3	--	57.1	--	--	--	--	--	--
Power lines, transformers, convertors	97	23.7	4.1	51.5	3.1	10.3	--	--	--	4.1
Switchboards, switches, fuses	3	--	--	--	--	--	--	--	--	--
Electric parts, n.e.c.	6	--	--	--	--	--	--	--	--	--
Machine and appliance parts	5	--	--	--	60.0	--	--	--	--	--
Metal materials--nonstructural	3	--	--	--	100.0	--	--	--	--	--
Metal materials--nonstructural, n.e.c.	3	--	--	--	100.0	--	--	--	--	--
Vehicle and mobile equipment parts	41	22.0	--	22.0	9.8	17.1	--	--	--	14.6
Tires, inner tubes, wheels	13	--	--	--	--	30.8	--	--	--	23.1
Tires, except bike	8	--	--	--	--	--	--	--	--	37.5
Wheels, tire rims	4	--	--	--	--	--	--	--	--	--
Trailers	26	26.9	--	26.9	--	11.5	--	--	--	--
Persons, plants, animals, and minerals	869	8.6	0.8	6.0	6.6	11.9	1.5	32.2	2.1	17.0
Animals and animal products	22	54.5	--	--	--	--	--	--	--	13.6
Mammals, except humans	20	55.0	--	--	--	--	--	--	--	15.0
Cattle	4	--	--	--	--	--	--	--	--	--
Horses	13	61.5	--	--	--	--	--	--	--	23.1
Nonmetallic minerals, except fuel	24	12.5	25.0	20.8	--	16.7	--	--	--	12.5
Dirt, earth	8	--	--	50.0	--	--	--	--	--	--
Rocks, crushed stone	11	--	45.5	--	--	--	--	--	--	--
Sand, gravel	3	--	--	--	--	--	--	--	--	--
Person--injured or ill worker	11	--	--	--	--	--	--	--	--	36.4
Person--injured or ill worker, n.e.c.	4	--	--	--	--	--	--	--	--	75.0
Person--other than injured or ill worker	621	1.4	--	4.2	4.8	8.5	0.8	43.6	2.7	19.5
Person--other than injured or ill worker, unspecified	74	--	--	9.5	5.4	18.9	--	36.5	4.1	16.2
Co-worker, former co-worker of injured or ill worker	58	6.9	--	13.8	31.0	5.2	--	8.6	--	24.1
Health care patient or resident of health care facility	5	--	--	--	--	--	--	--	--	60.0
Relative of injured or ill worker	33	--	--	--	9.1	--	--	45.5	--	33.3
Robber	251	--	--	1.2	--	8.4	--	69.3	1.6	16.3
Person--other than injured or ill worker, n.e.c.	198	--	--	4.0	2.5	7.1	--	25.3	4.5	19.7
Plants, trees, vegetation--not processed	191	26.2	--	9.4	13.1	23.6	2.6	3.7	--	8.9
Trees, logs	189	25.4	--	9.5	13.2	23.8	2.6	3.7	--	9.0
Chemicals and chemical products	64	--	15.6	14.1	28.1	14.1	--	4.7	--	17.2
Chemicals and chemical products, unspecified	5	--	--	--	80.0	--	--	--	--	--
Aromatics and hydrocarbon derivatives, except halogenated	4	--	--	--	--	--	--	--	--	75.0
Chemical products--general	11	--	--	36.4	27.3	--	--	--	--	--
Chemical products, unspecified	4	--	--	100.0	--	--	--	--	--	--
Drugs, alcohol, medicines	4	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-10. Fatal occupational injuries by primary and secondary source of injury by major private industry division, All United States, 2001 - continued

Primary source and secondary source	Total fatalities (number)	Private Industry ¹ (percent)								
		Agriculture, forestry, and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Explosives, blasting agents, n.e.c.	3	--	--	--	--	--	--	--	--	--
Pyrotechnics, fireworks	3	--	--	--	--	--	--	--	--	--
Coal, natural gas, petroleum fuels and products, n.e.c.	28	--	28.6	--	17.9	21.4	--	--	--	21.4
Petroleum, crude oil	5	--	--	--	--	--	--	--	--	--
Petroleum fuels, distillates, products, n.e.c.	17	--	--	--	17.6	29.4	--	--	--	29.4
Gasoline, diesel fuel, jet fuel	11	--	--	--	--	27.3	--	--	--	36.4
Propane	3	--	--	--	--	--	--	--	--	--
Coal, natural gas, petroleum fuels and products, n.e.c.	4	--	--	--	--	--	--	--	--	--
Other chemicals	13	--	--	23.1	30.8	--	--	--	--	--
Oxygen and oxygen compounds, n.e.c.	6	--	--	--	66.7	--	--	--	--	--
Oxygen--nonliquified	4	--	--	--	75.0	--	--	--	--	--
Tools, instruments, and equipment	238	6.3	--	34.5	11.3	5.9	2.1	11.8	3.4	12.6
Handtools--nonpowered	7	--	--	57.1	--	--	--	--	--	--
Handtools--powered	24	--	--	12.5	58.3	--	--	--	--	--
Cutting handtools--powered	11	--	--	--	81.8	--	--	--	--	--
Cutting handtools--powered, unspecified	3	--	--	--	100.0	--	--	--	--	--
Chainsaws--powered	8	--	--	--	75.0	--	--	--	--	--
Welding and heating handtools--powered	12	--	--	--	41.7	--	--	--	--	--
Blow torches	5	--	--	--	60.0	--	--	--	--	--
Welding torches--powered	6	--	--	--	--	--	--	--	--	--
Ladders	127	3.9	--	55.1	6.3	7.1	--	12.6	3.9	7.1
Ladders, unspecified	41	--	--	63.4	--	--	--	14.6	--	7.3
Ladders--fixed	10	--	--	--	--	40.0	--	--	--	--
Ladders--movable	75	4.0	--	54.7	6.7	4.0	--	13.3	6.7	6.7
Movable ladders, unspecified	26	--	--	57.7	--	--	--	--	--	--
Extension ladders	27	--	--	66.7	--	--	--	--	--	--
Step ladders	17	--	--	35.3	--	--	--	35.3	--	17.6
Straight ladders	4	--	--	--	--	--	--	--	--	--
Medical and surgical instruments	9	--	--	--	--	--	--	--	--	77.8
Needles and syringes	9	--	--	--	--	--	--	--	--	77.8
Protective equipment, except clothing	4	--	--	75.0	--	--	--	--	--	--
Respirators	3	--	--	--	--	--	--	--	--	--
Recreation and athletic equipment	5	--	--	--	--	--	--	--	--	60.0
Recreation and athletic equipment, n.e.c.	3	--	--	--	--	--	--	--	--	100.0
Other tools, instruments, and equipment	60	11.7	--	--	6.7	--	6.7	15.0	5.0	16.7
Firearms	59	11.9	--	--	6.8	--	6.8	15.3	5.1	16.9
Firearm, unspecified	12	--	--	--	--	--	--	25.0	--	25.0
Pistol, handgun, revolver	30	--	--	--	--	--	10.0	20.0	--	13.3
Rifle	7	--	--	--	--	--	--	--	--	--
Shotgun	9	33.3	--	--	--	--	--	--	--	--
Containers	83	28.9	3.6	18.1	15.7	8.4	8.4	4.8	--	8.4
Containers--nonpressurized	52	28.8	--	15.4	17.3	9.6	11.5	5.8	--	7.7
Boxes, crates, cartons	4	--	--	--	--	--	--	--	--	--
Tanks, bins, vats	41	36.6	--	14.6	22.0	--	14.6	--	--	--
Containers--pressurized	15	--	20.0	26.7	--	--	--	--	--	--
Hoses	3	--	--	--	--	--	--	--	--	--
Pressure lines, except hoses	6	--	--	--	--	--	--	--	--	--
Containers--variable restraint	15	46.7	--	20.0	--	--	--	--	--	--
Bundles, bales	13	53.8	--	23.1	--	--	--	--	--	--
Furniture and fixtures	24	--	--	--	33.3	12.5	--	--	--	29.2

See footnotes at end of table.

TABLE A-10. Fatal occupational injuries by primary and secondary source of injury by major private industry division, All United States, 2001 - continued

Primary source and secondary source	Total fatalities (number)	Private Industry ¹ (percent)								
		Agriculture, forestry, and fishing	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
Cases, cabinets, racks, shelves	11	--	--	--	54.5	--	--	--	--	--
Shelving	5	--	--	--	--	--	--	--	--	--
Furniture	7	--	--	--	--	--	--	--	--	--
Other fixtures	4	--	--	--	--	--	--	--	--	--
Lighting equipment	3	--	--	--	--	--	--	--	--	--
Other sources	259	23.6	1.5	8.9	8.9	15.8	3.1	3.9	1.2	8.5
Apparel and textiles	21	33.3	--	--	23.8	--	--	--	--	--
Clothing and shoes	21	33.3	--	--	23.8	--	--	--	--	--
Clothing, unspecified	9	66.7	--	--	--	--	--	--	--	--
Blouses, shirts, dresses, trousers, skirts	6	--	--	--	--	--	--	--	--	--
Suits, coats, jackets	4	--	--	--	--	--	--	--	--	--
Atmospheric and environmental conditions	139	7.9	--	12.2	5.8	19.4	5.0	4.3	--	7.9
Fire, flame, smoke	27	--	--	14.8	--	48.1	--	--	--	--
Fire, flame	18	--	--	16.7	--	38.9	--	--	--	--
Smoke, fire gases	7	--	--	--	--	71.4	--	--	--	--
Weather and atmospheric conditions	107	10.3	--	11.2	7.5	13.1	5.6	5.6	--	8.4
Fog	9	--	--	--	--	44.4	--	--	--	--
High winds, gusts	18	22.2	--	16.7	16.7	--	--	--	--	--
Ice, sleet, snow	49	10.2	--	10.2	--	20.4	6.1	8.2	--	14.3
Lightning	3	--	--	--	--	--	--	--	--	--
Rain	6	--	--	--	--	--	--	--	--	--
Weather and atmospheric conditions, n.e.c.	22	--	--	--	--	--	--	--	--	--
Scrap, waste, debris	3	--	--	--	--	--	--	--	--	--
Steam, vapors, liquids, n.e.c.	93	46.2	--	5.4	9.7	11.8	--	4.3	--	7.5
Liquids	92	46.7	--	5.4	9.8	10.9	--	4.3	--	7.6
Water	90	47.8	--	5.6	7.8	11.1	--	4.4	--	7.8

¹ Classified according to the *Standard Industrial Classification Manual, 1987*

² The primary source identifies the object, substance, or exposure that directly produced or inflicted the injury. For transportation incidents, the source identifies the vehicle in which the deceased was an occupant.

³ The secondary source of injury, if any, identifies the object, substance, or person that generated the source of injury or that contributed to the event or exposure. For vehicle collisions, the deceased's vehicle is the primary source and the other object (truck, road, divider, etc.) is the secondary source. For most homicides, the "bullet" is the primary source and the "perpetrator" is the secondary source.

NOTE: Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding.

Dashes indicate no data reported or data that do not meet publication criteria.

Data exclude fatalities resulting from September 11 terrorist attacks.

n.e.c. means "not elsewhere classified."

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries