

TABLE A-9. Fatal occupational injuries by primary and secondary source of injury by major private industry division, 2000

Primary source and secondary source	Total	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	5,915	12.2	2.6	19.5	11.3	16.2	3.9	10.0	1.3	13.0
Primary source²										
Vehicles	2,639	14.7	1.8	9.4	8.1	27.0	5.1	6.1	1.1	13.5
Air vehicle	287	9.1	—	—	2.8	26.8	2.8	—	1.7	25.4
Aircraft--powered fixed wing	187	11.2	—	—	3.7	29.9	4.3	—	2.7	29.4
Jet	29	—	—	—	—	58.6	—	—	—	—
Propeller-driven aircraft	135	13.3	—	—	—	25.2	4.4	—	3.7	33.3
Aircraft--powered rotary wing	79	—	—	—	—	24.1	—	—	—	19.0
Helicopter	58	—	—	—	—	31.0	—	—	—	24.1
Aircraft--nonpowered	6	—	—	—	—	—	—	—	—	—
Highway vehicle, motorized	1,837	4.8	1.9	11.9	8.1	31.3	5.6	8.0	1.3	13.4
Automobile	407	3.7	—	8.6	5.7	10.6	4.2	12.3	3.2	23.6
Bus	26	—	—	—	—	42.3	—	—	—	—
Motorcycle, moped	23	—	—	—	26.1	—	—	—	—	—
Truck	1,200	5.4	2.7	14.2	8.7	40.8	6.0	6.0	.6	8.2
Delivery truck	51	—	—	—	19.6	19.6	19.6	23.5	—	—
Dump truck	100	7.0	—	33.0	6.0	21.0	—	5.0	—	—
Pickup truck	231	12.6	4.3	26.8	8.7	9.1	6.1	6.1	—	15.6
Semitrailer, tractor trailer, trailer truck	548	2.4	1.1	5.7	7.3	67.9	6.8	3.3	—	3.5
Van--passenger or light delivery	129	4.7	—	8.5	7.0	17.8	9.3	10.9	—	24.0
Highway vehicle, nonmotorized	6	—	—	—	—	—	—	—	—	—
Animal or human powered vehicle	6	—	—	—	—	—	—	—	—	—
Offroad vehicle, nonindustrial	29	62.1	—	—	—	—	—	—	—	24.1
All terrain vehicle (ATV)	16	81.2	—	—	—	—	—	—	—	—
Plant and industrial powered vehicles, tractors	347	60.8	—	4.9	14.1	6.9	5.2	1.7	—	4.0
Forklift	96	—	—	9.4	38.5	16.7	15.6	5.2	—	8.3
Pallet lift truck--motorized	5	—	—	—	—	—	—	—	—	—
Powered industrial carrier, except forklift	8	—	—	—	—	—	—	—	—	—
Tractor	231	89.2	—	2.2	2.6	—	—	—	—	2.6
Rail vehicle	36	—	19.4	—	—	52.8	—	—	—	—
Train	21	—	—	—	—	81.0	—	—	—	—
Water vehicle	90	45.6	—	5.6	5.6	17.8	—	—	—	11.1
Barge	13	—	—	—	—	53.8	—	—	—	—
Canoe, kayak, rowboat, raft	9	—	—	—	—	—	—	—	—	—
Motorboat	11	—	—	—	—	—	—	—	—	—
Ships--other than sail powered	10	—	—	—	—	50.0	—	—	—	—
Tugboat, commercial fishing boat	35	85.7	—	—	—	—	—	—	—	—
Structures and surfaces	831	7.6	2.5	52.6	6.9	5.5	2.8	5.2	1.2	10.7
Floors, walkways, ground surfaces	727	8.0	2.2	52.4	6.2	5.8	2.9	5.8	1.2	10.7
Floors	235	2.1	3.0	45.5	9.8	3.0	6.0	13.2	—	12.8
Ground	289	15.2	2.1	58.8	2.1	5.9	—	—	—	8.3
Sidewalks, paths, outdoor walkways	38	—	—	36.8	—	—	—	—	—	23.7
Street, road	29	—	—	55.2	—	—	—	—	—	—
Surfaces below ground level, n.e.c.	35	—	—	82.9	—	—	—	—	—	—
Ditches, channels, trenches, excavations	31	—	—	90.3	—	—	—	—	—	—
Parking lots	19	—	—	—	—	—	—	—	—	—
Other structural elements	45	—	—	55.6	—	—	—	—	—	—
Doors	8	—	—	—	—	—	—	—	—	—
Roof	5	—	—	—	—	—	—	—	—	—
Walls	18	—	—	88.9	—	—	—	—	—	—
Structures	54	—	—	53.7	14.8	—	—	—	—	13.0
Buildings--office, plant, residential	14	—	—	50.0	35.7	—	—	—	—	—
Scaffolds, staging	8	—	—	75.0	—	—	—	—	—	—
Towers, poles	16	—	—	43.8	—	—	—	—	—	—
Other structures	6	—	—	—	—	—	—	—	—	—
Machinery	483	16.6	7.5	30.0	25.5	6.0	3.3	1.7	1.2	5.0
Agricultural and garden machinery	66	72.7	—	—	—	—	—	—	—	7.6
Harvesting and threshing machinery	24	91.7	—	—	—	—	—	—	—	—
Balers	5	—	—	—	—	—	—	—	—	—
Combines	7	85.7	—	—	—	—	—	—	—	—
Harvesters, reapers	7	100.0	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by primary and secondary source of injury by major private industry division, 2000 — Continued

Primary source and secondary source	Total	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
Primary source² - continued										
Mowing machinery	25	60.0	-	-	-	-	-	-	-	-
Lawn mowers--riding	7	-	-	-	-	-	-	-	-	-
Mowers, tractor	16	68.8	-	-	-	-	-	-	-	-
Plowing, planting, and fertilizing machinery	9	77.8	-	-	-	-	-	-	-	-
Spreading machinery--agricultural	6	-	-	-	-	-	-	-	-	-
Other agricultural and garden machinery	7	-	-	-	-	-	-	-	-	-
Construction, logging, and mining machinery	184	12.0	10.3	46.7	10.3	8.2	3.3	-	-	3.3
Excavating machinery	68	10.3	-	69.1	-	8.8	-	-	-	-
Backhoes	35	-	-	80.0	-	-	-	-	-	-
Bulldozers	26	-	-	53.8	-	-	-	-	-	-
Loaders	45	22.2	-	17.8	-	17.8	-	-	-	-
Bucket loaders	5	-	-	-	-	-	-	-	-	-
Front end loaders	26	23.1	-	-	-	26.9	-	-	-	-
Logging and wood processing machinery--specialized	19	-	-	-	73.7	-	-	-	-	-
Chippers	6	-	-	-	-	-	-	-	-	-
Forwarder/yarder, skidder	5	-	-	-	-	-	-	-	-	-
Skidder--cable and grapple	6	-	-	-	100.0	-	-	-	-	-
Mining and drilling machinery	19	-	63.2	-	-	-	-	-	-	-
Drilling machines, drilling augers	14	-	64.3	-	-	-	-	-	-	-
Road grading and surfacing machinery	23	-	-	87.0	-	-	-	-	-	-
Graders, levellers, planers, scrapers	9	-	-	77.8	-	-	-	-	-	-
Steam rollers, road pavers	7	-	-	100.0	-	-	-	-	-	-
Heating, cooling, and cleaning machinery and appliances	19	-	-	36.8	26.3	-	-	-	-	-
Cooling and humidifying machinery and appliances	9	-	-	-	-	-	-	-	-	-
Heating and cooking machinery and appliances	6	-	-	-	-	-	-	-	-	-
Material handling (cranes, conveyers, jacks)	115	8.7	9.6	36.5	21.7	7.0	-	-	-	7.0
Conveyors--powered	33	24.2	18.2	-	39.4	-	-	-	-	-
Cranes	46	-	-	54.3	21.7	-	-	-	-	-
Cranes--mobile, truck, rail mounted	9	-	-	77.8	-	-	-	-	-	-
Cranes--overhead	7	-	-	-	-	-	-	-	-	-
Elevators	23	-	-	52.2	-	-	-	-	-	-
Bucket or basket hoist--truck mounted	8	-	-	62.5	-	-	-	-	-	-
Manlifts	5	-	-	-	-	-	-	-	-	-
Metal, woodworking, and special material machinery	42	-	-	-	92.9	-	-	-	-	-
Extruding, injecting, forming, molding machinery	14	-	-	-	92.9	-	-	-	-	-
Extruding machinery	6	-	-	-	83.3	-	-	-	-	-
Presses, except printing	11	-	-	-	100.0	-	-	-	-	-
Other metal, woodworking, and special material machinery	6	-	-	-	83.3	-	-	-	-	-
Special process machinery	36	-	-	-	72.2	-	-	-	-	-
Food and beverage processing machinery--specialized	6	-	-	-	100.0	-	-	-	-	-
Paper production machinery	5	-	-	-	-	-	-	-	-	-
Textile, apparel, leather production machinery	5	-	-	-	100.0	-	-	-	-	-
Miscellaneous machinery	19	-	-	-	36.8	-	-	-	-	-
Street sweeping and cleaning machinery	5	-	-	-	-	-	-	-	-	-
Parts and materials	402	6.2	5.2	41.3	15.9	10.4	2.5	5.0	-	9.2
Building materials--solid elements	133	-	9.0	47.4	21.1	9.0	-	-	-	3.8
Bricks, blocks, structural stone	19	-	-	52.6	-	-	-	-	-	-
Pipes, ducts, tubing	39	-	23.1	35.9	17.9	12.8	-	-	-	-
Structural metal materials	50	-	-	56.0	18.0	12.0	-	-	-	-
Bars, rods, reinforcing bar (rebar)	7	-	-	-	-	-	-	-	-	-
Plates, metal panels	6	-	-	-	-	-	-	-	-	-
Sheet metal	6	-	-	-	-	-	-	-	-	-
Wood, lumber	20	-	-	35.0	45.0	-	-	-	-	-
Other building materials--solid elements	5	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by primary and secondary source of injury by major private industry division, 2000 — Continued

Primary source and secondary source	Total	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
Primary source² - continued										
Fasteners, connectors, ropes, ties	67	13.4	—	23.9	17.9	—	—	11.9	—	16.4
Ropes, ties	60	13.3	—	21.7	18.3	—	—	13.3	—	16.7
Rope, twine, string	35	—	—	20.0	14.3	—	—	14.3	—	14.3
Machine, tool, and electrical parts	157	6.4	3.8	50.3	10.8	10.8	—	3.2	—	7.0
Electric parts	130	6.2	—	53.1	7.7	11.5	—	3.8	—	6.9
Electrical wiring	47	—	—	44.7	10.6	—	—	—	—	14.9
Power lines, transformers, converters	67	10.4	—	59.7	—	14.9	—	—	—	—
Vehicle and mobile equipment parts	30	—	—	16.7	—	20.0	—	—	—	26.7
Tires, inner tubes, wheels	13	—	—	—	—	—	—	—	—	46.2
Trailers	9	—	—	—	—	—	—	—	—	—
Persons, plants, animals, and minerals	291	33.3	2.7	8.2	30.2	1.7	1.7	3.4	1.7	10.0
Animals and animal products	44	65.9	—	—	—	—	—	—	—	15.9
Insects, arachnids	6	—	—	—	—	—	—	—	—	—
Mammals, except humans	37	73.0	—	—	—	—	—	—	—	13.5
Cattle	19	89.5	—	—	—	—	—	—	—	—
Horses	15	60.0	—	—	—	—	—	—	—	—
Food products--fresh or processed	29	31.0	—	—	17.2	—	—	—	—	31.0
Nonmetallic minerals, except fuel	25	—	28.0	52.0	—	—	—	—	—	—
Dirt, earth	10	—	—	90.0	—	—	—	—	—	—
Rocks, crushed stone	9	—	55.6	—	—	—	—	—	—	—
Person--other than injured or ill worker	30	—	—	—	—	—	—	23.3	—	33.3
Robber	8	—	—	—	—	—	—	—	—	62.5
Plants, trees, vegetation--not processed	154	36.4	—	4.5	49.4	—	—	—	—	—
Trees, logs	150	34.7	—	4.7	50.7	—	—	—	—	—
Chemicals and chemical products	124	6.5	—	12.1	24.2	11.3	5.6	8.1	—	21.0
Chemical products--general	55	—	—	10.9	16.4	12.7	—	14.5	—	23.6
Drugs, alcohol, medicines	42	—	—	11.9	—	11.9	—	14.3	—	28.6
Explosives, blasting agents, n.e.c.	7	—	—	—	—	—	—	—	—	—
Coal, natural gas, petroleum fuels and products	7	—	—	—	—	—	—	—	—	—
Other chemicals	47	—	—	10.6	25.5	12.8	—	—	—	21.3
Ammonia and ammonium compounds	6	—	—	—	83.3	—	—	—	—	—
Oxygen and oxygen compounds, n.e.c.	22	—	—	—	—	—	—	—	—	36.4
Carbon monoxide	18	—	—	—	—	—	—	—	—	33.3
Sulfur and sulfur compounds	5	—	—	—	—	—	—	—	—	—
Tools, instruments, and equipment	127	7.9	—	21.3	5.5	7.9	—	21.3	3.9	20.5
Handtools--nonpowered	71	—	—	9.9	—	14.1	—	32.4	—	25.4
Cutting handtools	58	—	—	—	—	17.2	—	37.9	—	22.4
Knives	48	—	—	—	—	16.7	—	41.7	—	18.8
Striking and nailing handtools	6	—	—	—	—	—	—	—	—	—
Handtools--powered	20	25.0	—	25.0	—	—	—	—	—	—
Cutting handtools	9	—	—	—	—	—	—	—	—	—
Chainsaws	6	—	—	—	—	—	—	—	—	—
Ladders	17	—	—	64.7	—	—	—	—	—	—
Ladders--movable	14	—	—	71.4	—	—	—	—	—	—
Extension ladders	6	—	—	—	—	—	—	—	—	—
Recreation and athletic equipment	7	—	—	—	—	—	—	—	—	—
Other tools	5	—	—	—	—	—	—	—	—	—
Containers	84	8.3	6.0	15.5	25.0	16.7	10.7	7.1	—	7.1
Containers-nonpressurized	43	—	—	14.0	23.3	25.6	—	—	—	—
Boxes, crates, cartons	10	—	—	—	—	—	—	—	—	—
Tanks, bins, vats	24	—	—	—	—	25.0	—	—	—	—
Containers-pressurized	18	—	—	27.8	—	—	—	—	—	—
Containers-variable restraint	18	—	—	—	33.3	—	—	—	—	—
Bundles, bales	8	—	—	—	—	—	—	—	—	—
Reels, rolls	10	—	—	—	50.0	—	—	—	—	—
Other	934	4.5	1.4	8.4	6.9	9.1	2.4	33.1	1.9	18.7
Furniture and fixtures	16	—	—	37.5	—	—	—	—	—	31.2
Other fixtures	12	—	—	41.7	—	—	—	—	—	—

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by primary and secondary source of injury by major private industry division, 2000 — Continued

Primary source and secondary source	Total	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
Primary source² - continued										
Ammunition	655	2.6	—	3.1	4.6	9.3	2.1	44.0	2.3	17.4
Bullets	641	2.7	—	3.1	4.7	9.4	2.2	44.0	2.2	17.8
Pellets	11	—	—	—	—	—	—	54.5	—	—
Atmospheric and environmental conditions	140	8.6	3.6	20.0	15.0	4.3	—	9.3	—	22.1
Fire, flame, smoke	100	—	5.0	19.0	16.0	5.0	—	10.0	—	26.0
Fire, flame	72	—	—	23.6	13.9	6.9	—	11.1	—	23.6
Smoke, fire gases	20	—	—	—	30.0	—	—	—	—	—
Temperature extreme	23	30.4	—	21.7	—	—	—	—	—	—
Heat--environmental	21	33.3	—	23.8	—	—	—	—	—	—
Weather and atmospheric conditions	10	—	—	—	—	—	—	—	—	—
Lightning	7	—	—	—	—	—	—	—	—	—
Steam, vapors, liquids	87	13.8	6.9	21.8	11.5	10.3	—	—	—	18.4
Liquids	86	14.0	7.0	22.1	10.5	10.5	—	—	—	18.6
Water	78	12.8	7.7	23.1	6.4	11.5	—	—	—	20.5
Secondary source³										
Vehicles	980	6.4	1.2	10.8	10.2	28.3	5.9	8.2	1.5	13.7
Air vehicle	22	—	—	—	—	31.8	—	—	—	22.7
Aircraft--powered fixed wing	17	—	—	—	—	29.4	—	—	—	29.4
Propeller-driven aircraft	9	—	—	—	—	—	—	—	—	—
Highway vehicle, motorized	801	5.2	1.2	11.4	8.4	28.6	5.9	8.7	1.9	14.4
Automobile	177	3.4	—	10.2	5.1	22.6	6.2	9.6	—	19.8
Bus	7	—	—	—	—	—	—	—	—	—
Truck	532	5.8	1.7	11.5	8.8	33.1	5.5	8.3	1.9	12.2
Delivery truck	14	—	—	—	—	57.1	—	—	—	—
Dump truck	37	—	—	24.3	—	29.7	—	—	—	—
Pickup truck	98	9.2	—	12.2	9.2	17.3	6.1	7.1	—	18.4
Semitrailer, tractor trailer, trailer truck	275	5.1	1.8	8.4	8.4	43.6	6.2	6.9	—	9.8
Van--passenger or light delivery	35	—	—	—	17.1	—	—	—	—	20.0
Offroad vehicle, nonindustrial	5	—	—	—	—	—	—	—	—	—
Plant and industrial powered vehicles, tractors ...	71	15.5	—	12.7	23.9	16.9	8.5	11.3	—	8.5
Forklift	56	—	—	16.1	28.6	19.6	10.7	14.3	—	—
Tractor	11	90.9	—	—	—	—	—	—	—	—
Rail vehicle	65	12.3	—	7.7	15.4	36.9	—	—	—	—
Train	60	13.3	—	8.3	15.0	35.0	—	—	—	—
Water vehicle	9	—	—	—	—	—	—	—	—	—
Structures and surfaces	938	7.1	3.3	36.0	5.8	16.2	3.1	4.6	1.6	12.9
Floors, walkways, ground surfaces	313	11.2	2.2	22.0	6.7	15.0	3.5	4.5	—	16.0
Floors	39	—	—	61.5	—	—	—	—	—	—
Ground	157	12.7	—	7.6	—	18.5	3.8	—	—	21.7
Street, road	24	—	—	25.0	—	—	—	—	—	—
Surfaces below ground level, n.e.c.	41	22.0	—	39.0	12.2	12.2	—	—	—	—
Ditches, channels, trenches, excavations ...	31	25.8	—	45.2	—	—	—	—	—	—
Other structural elements	211	3.8	2.8	63.0	3.8	6.6	2.4	2.8	—	10.0
Fences, fence panels	6	—	—	—	—	—	—	—	—	—
Roof	129	—	—	79.8	—	—	—	—	—	8.5
Walls	26	—	—	—	—	34.6	—	—	—	—
Structures	402	5.5	4.5	32.8	5.2	22.6	3.0	5.7	2.0	12.2
Bridges, dams, locks	49	—	—	18.4	—	38.8	—	—	—	12.2
Buildings--office, plant, residential	44	—	—	40.9	—	—	—	—	—	22.7
Mines, caves, tunnels	15	—	—	40.0	—	—	—	—	—	—
Scaffolds, staging	86	—	—	74.4	8.1	—	—	—	—	8.1
Towers, poles	100	11.0	13.0	22.0	—	19.0	—	8.0	5.0	9.0
Other structures	101	—	—	11.9	—	47.5	5.0	7.9	—	10.9
Guardrails, road dividers	71	—	—	12.7	—	54.9	7.0	11.3	—	—
Machinery	246	11.8	6.9	32.1	20.7	5.7	6.1	2.8	—	10.2
Agricultural and garden machinery	16	68.8	—	—	—	—	—	—	—	—
Mowing machinery	5	—	—	—	—	—	—	—	—	—
Plowing, planting, and fertilizing machinery	6	100.0	—	—	—	—	—	—	—	—
Construction, logging, and mining machinery	56	12.5	14.3	48.2	14.3	—	—	—	—	—

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by primary and secondary source of injury by major private industry division, 2000 — Continued

Primary source and secondary source	Total	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
Secondary source³ - continued										
Excavating machinery	22	—	—	63.6	—	—	—	—	—	—
Backhoes	8	—	—	—	—	—	—	—	—	—
Bulldozers	9	—	—	55.6	—	—	—	—	—	—
Loaders	12	—	—	—	—	—	—	—	—	—
Logging and wood processing machinery--specialized	10	—	—	—	60.0	—	—	—	—	—
Mining and drilling machinery	5	—	—	—	—	—	—	—	—	—
Heating, cooling, and cleaning machinery and appliances	9	—	—	—	—	—	—	—	—	—
Cooling and humidifying machinery and appliances	5	—	—	—	—	—	—	—	—	—
Material handling (cranes, conveyers, jacks)	127	7.9	5.5	34.6	13.4	8.7	7.9	—	—	15.7
Conveyors--gravity	5	—	—	—	—	—	—	—	—	—
Conveyors--powered	8	—	—	—	—	—	—	—	—	—
Cranes	41	—	—	41.5	19.5	—	12.2	—	—	—
Cranes--mobile, truck, rail mounted	7	—	—	—	—	—	—	—	—	—
Cranes--overhead	7	—	—	—	—	—	—	—	—	—
Elevators	39	—	—	51.3	—	12.8	—	—	—	—
Bucket or basket hoist--truck mounted	16	—	—	31.2	—	—	—	—	—	—
Manlifts	11	—	—	81.8	—	—	—	—	—	—
Jacks	26	—	—	19.2	—	—	—	—	—	34.6
Metal, woodworking, and special material machinery	25	—	—	—	80.0	—	—	—	—	—
Special process machinery	6	—	—	—	—	—	—	—	—	—
Miscellaneous machinery	5	—	—	—	—	—	—	—	—	—
Parts and materials	222	14.9	4.1	43.7	9.9	9.9	5.4	—	—	8.1
Building materials--solid elements	49	—	—	46.9	14.3	10.2	—	—	—	—
Pipes, ducts, tubing	12	—	—	—	—	—	—	—	—	—
Structural metal materials	25	—	—	64.0	—	—	—	—	—	—
Wood, lumber	9	—	—	—	—	—	—	—	—	—
Fasteners, connectors, ropes, ties	17	—	—	—	—	—	—	—	—	—
Ropes, ties	14	—	—	—	—	—	—	—	—	—
Machine, tool, and electrical parts	114	16.7	—	55.3	5.3	8.8	—	—	—	5.3
Electric parts	108	17.6	—	56.5	5.6	7.4	—	—	—	5.6
Electrical wiring	13	—	—	53.8	—	—	—	—	—	—
Power lines, transformers, convertors	85	21.2	—	55.3	—	8.2	—	—	—	—
Vehicle and mobile equipment parts	33	27.3	—	18.2	—	—	—	—	—	24.2
Tires, inner tubes, wheels	6	—	—	—	—	—	—	—	—	—
Trailers	23	26.1	—	—	—	—	—	—	—	21.7
Persons, plants, animals, and minerals	869	7.8	—	4.3	6.1	12.7	3.2	36.1	2.3	15.4
Animals and animal products	21	33.3	—	—	—	23.8	—	—	—	—
Mammals, except humans	18	33.3	—	—	—	27.8	—	—	—	—
Cattle	6	—	—	—	—	—	—	—	—	—
Horses	7	71.4	—	—	—	—	—	—	—	—
Nonmetallic minerals, except fuel	13	—	—	—	—	—	—	—	—	—
Dirt, earth	6	—	—	—	—	—	—	—	—	—
Person--other than injured or ill worker	649	1.5	—	3.1	3.9	9.9	2.5	46.5	3.1	18.0
Co-worker, former co-worker or injured worker	73	11.0	—	9.6	13.7	11.0	—	16.4	6.8	23.3
Relative of injured worker	32	—	—	—	18.8	—	—	31.2	—	15.6
Robber	281	—	—	—	—	11.7	2.8	62.6	—	17.1
Plants, trees, vegetation--not processed	175	28.0	—	6.3	14.3	21.7	5.7	4.0	—	6.9
Trees, logs	172	27.9	—	6.4	14.5	22.1	5.8	4.1	—	6.4
Chemicals and chemical products	81	—	8.6	18.5	17.3	11.1	7.4	—	—	23.5
Chemical products--general	18	—	—	44.4	27.8	—	—	—	—	—
Explosives, blasting agents, n.e.c.	7	—	—	—	—	—	—	—	—	—
Solvents, degreasers, n.e.c.	5	—	—	—	—	—	—	—	—	—
Coal, natural gas, petroleum fuels and products	47	—	12.8	10.6	—	14.9	12.8	—	—	25.5
Natural gas	5	—	—	—	—	—	—	—	—	—
Petroleum fuels, distillates, products, unspecified	40	—	—	—	—	12.5	15.0	—	—	30.0

See footnotes at end of table.

TABLE A-9. Fatal occupational injuries by primary and secondary source of injury by major private industry division, 2000 — Continued

Primary source and secondary source	Total	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
Secondary source³ - continued										
Gasoline, diesel fuel, jet fuel	27	—	—	—	—	—	—	—	—	40.7
Propane	8	—	—	—	—	—	—	—	—	—
Other chemicals	7	—	—	—	—	—	—	—	—	—
Tools, instruments, and equipment	231	7.4	—	30.7	12.1	5.6	3.5	13.9	—	16.0
Handtools--nonpowered	8	—	—	—	—	—	—	—	—	—
Handtools--powered	32	—	—	21.9	34.4	—	—	—	—	—
Cutting handtools	11	—	—	—	54.5	—	—	—	—	—
Chainsaws	7	—	—	—	—	—	—	—	—	—
Welding and heating handtools	15	—	—	—	33.3	—	—	—	—	—
Ladders	115	8.7	—	52.2	7.8	—	—	8.7	—	12.2
Ladders--fixed	6	—	—	—	—	—	—	—	—	—
Ladders--movable	66	9.1	—	51.5	—	—	—	9.1	—	13.6
Extension ladders	21	—	—	52.4	—	—	—	—	—	—
Step ladders	13	—	—	53.8	—	—	—	—	—	—
Other tools	64	—	—	—	—	—	—	32.8	—	25.0
Firearms	63	—	—	—	—	—	—	33.3	—	25.4
Pistol, handgun, revolver	39	—	—	—	—	—	—	38.5	—	28.2
Shotgun	7	—	—	—	—	—	—	—	—	—
Containers	67	17.9	—	14.9	31.3	10.4	—	—	—	9.0
Containers-nonpressurized	40	22.5	—	12.5	30.0	—	—	—	—	—
Tanks, bins, vats	32	25.0	—	—	34.4	—	—	—	—	—
Containers-pressurized	15	—	—	33.3	—	—	—	—	—	—
Hoses	6	—	—	—	—	—	—	—	—	—
Containers-variable restraint	7	—	—	—	—	—	—	—	—	—
Bundles, bales	6	—	—	—	—	—	—	—	—	—
Other	251	24.7	2.8	13.1	10.8	16.7	4.4	4.4	—	14.3
Furniture and fixtures	21	—	—	—	28.6	—	23.8	—	—	—
Cases, cabinets, racks, and shelves	13	—	—	—	—	—	38.5	—	—	—
Furniture	6	—	—	—	—	—	—	—	—	—
Atmospheric and environmental conditions	74	10.8	—	14.9	10.8	23.0	—	—	—	18.9
Fire, flame, smoke	17	—	—	—	—	—	—	—	—	—
Fire, flame	13	—	—	—	—	—	—	—	—	—
Weather and atmospheric conditions	54	11.1	—	14.8	—	24.1	—	—	—	20.4
Fog	6	—	—	—	—	—	—	—	—	—
High winds, gusts	9	—	—	66.7	—	—	—	—	—	—
Ice, sleet, snow	30	—	—	—	—	30.0	—	—	—	23.3
Steam, vapors, liquids	113	35.4	—	10.6	4.4	19.5	—	6.2	—	13.3
Liquids	113	35.4	—	10.6	4.4	19.5	—	6.2	—	13.3
Water	112	35.7	—	10.7	4.5	18.8	—	6.2	—	13.4
Scrap, waste, debris	5	—	—	—	—	—	—	—	—	—
Not reported	2,030	18.1	3.1	18.1	14.7	15.3	3.0	5.0	1.0	11.7

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

² The primary source of injury 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. The category "Robber" is a newly instituted code beginning with 1997 data.

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.

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