

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury by major private industry¹ sector, Texas, 2006

Primary source and secondary source	Total fatalities (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining ²	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.....	486	245	68	131	46	205	121	5	13	27	7	17	15
Primary Source³													
Chemicals and chemical products.....	12	7	--	4	--	5	--	--	--	--	--	--	--
Chemical products--general.....	7	4	--	--	--	3	--	--	--	--	--	--	--
Drugs, alcohol, medicines.....	7	4	--	--	--	3	--	--	--	--	--	--	--
Drugs--nonmedicinal.....	5	4	--	--	--	--	--	--	--	--	--	--	--
Containers.....	13	6	--	--	--	7	5	--	--	--	--	--	--
Containers--nonpressurized.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Containers--variable restraint.....	5	3	--	--	--	--	--	--	--	--	--	--	--
Bundles, bales.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Machinery.....	53	38	12	17	9	13	7	--	--	--	--	--	--
Agricultural and garden machinery.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Construction, logging, and mining machinery.....	22	17	4	13	--	4	--	--	--	--	--	--	--
Excavating machinery.....	7	5	--	5	--	--	--	--	--	--	--	--	--
Bulldozers.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Loaders.....	5	4	--	--	--	--	--	--	--	--	--	--	--
Front end loaders.....	4	4	--	--	--	--	--	--	--	--	--	--	--
Mining and drilling machinery.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Road grading and surfacing machinery.....	4	3	--	3	--	--	--	--	--	--	--	--	--
Steam rollers, road pavers.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Material handling machinery.....	14	10	4	4	--	4	3	--	--	--	--	--	--
Conveyors--powered.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Cranes.....	5	4	--	--	--	--	--	--	--	--	--	--	--
Elevators.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Metal, woodworking, and special material machinery.....	6	5	--	--	5	--	--	--	--	--	--	--	--
Special process machinery.....	4	3	--	--	--	--	--	--	--	--	--	--	--
Parts and materials.....	51	39	12	20	7	12	11	--	--	--	--	--	--
Building materials--solid elements.....	19	14	3	6	5	5	5	--	--	--	--	--	--
Pipes, ducts, tubing.....	8	5	--	--	--	3	3	--	--	--	--	--	--
Metal pipe, tubing.....	6	3	--	--	--	3	3	--	--	--	--	--	--
Structural metal materials.....	7	6	--	--	--	--	--	--	--	--	--	--	--
Plates, metal panels.....	3	3	--	--	--	--	--	--	--	--	--	--	--
Fasteners, connectors, ropes, ties.....	5	3	--	--	--	--	--	--	--	--	--	--	--
Fasteners.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Machine, tool, and electric parts.....	21	18	6	12	--	3	3	--	--	--	--	--	--
Electric parts.....	14	13	--	11	--	--	--	--	--	--	--	--	--
Electrical wiring.....	9	9	--	8	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury by major private industry¹ sector, Texas, 2006 - continued

Primary source and secondary source	Total fatalities (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining ²	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
Switchboards, switches, fuses.....	3	3	--	--	--	--	--	--	--	--	--	--	--
Machine and appliance parts.....	7	5	4	--	--	--	--	--	--	--	--	--	--
Machine and appliance parts, n.e.c.....	5	3	--	--	--	--	--	--	--	--	--	--	--
Vehicle and mobile equipment parts.....	5	3	--	--	--	--	--	--	--	--	--	--	--
Persons, plants, animals, and minerals.....	14	9	5	3	--	5	--	--	--	3	--	--	--
Person--other than injured or ill worker.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Plants, trees, vegetation--not processed.....	5	3	3	--	--	--	--	--	--	--	--	--	--
Trees, logs.....	5	3	3	--	--	--	--	--	--	--	--	--	--
Structures and surfaces.....	71	53	4	43	6	13	5	4	--	--	--	--	--
Floors, walkways, ground surfaces.....	62	47	4	37	6	11	5	--	--	--	--	--	--
Floors.....	28	21	--	15	4	3	--	--	--	--	--	--	--
Floor of building.....	21	14	--	11	3	3	--	--	--	--	--	--	--
Floor, n.e.c.....	5	5	--	3	--	--	--	--	--	--	--	--	--
Ground.....	27	20	--	16	--	7	--	--	--	--	--	--	--
Surfaces below ground level, n.e.c.....	3	3	--	3	--	--	--	--	--	--	--	--	--
Ditches, channels, trenches, excavations.....	3	3	--	3	--	--	--	--	--	--	--	--	--
Other structural elements.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Structures.....	6	4	--	4	--	--	--	--	--	--	--	--	--
Tools, instruments, and equipment.....	10	7	--	5	--	3	--	--	--	--	--	--	--
Handtools--nonpowered.....	6	4	--	--	--	--	--	--	--	--	--	--	--
Cutting handtools--nonpowered.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Knives.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Vehicles.....	198	69	27	28	14	107	71	3	16	4	4	8	8
Air vehicle.....	7	--	--	--	--	3	--	--	--	--	--	--	--
Aircraft--powered fixed wing.....	6	--	--	--	--	3	--	--	--	--	--	--	--
Propeller-driven aircraft.....	5	--	--	--	--	--	--	--	--	--	--	--	--
Highway vehicle, motorized.....	172	58	21	28	9	95	67	--	14	3	--	6	6
Automobile.....	23	6	--	3	--	13	4	--	5	--	--	--	--
Motorcycle, moped.....	6	--	--	--	--	--	--	--	--	--	--	--	--
Truck.....	133	47	18	23	6	72	59	--	7	--	--	3	3
Delivery truck.....	8	--	--	--	--	7	7	--	--	--	--	--	--
Dump truck.....	7	3	--	3	--	3	3	--	--	--	--	--	--
Pickup truck.....	40	24	13	10	--	11	5	--	3	--	--	--	--
Semitrailer, tractor trailer, trailer truck.....	52	10	3	4	3	42	40	--	--	--	--	--	--
Truck, n.e.c.....	26	9	--	6	--	9	4	--	4	--	--	--	--
Van--passenger or light delivery.....	7	3	--	--	--	4	--	--	--	--	--	--	--
Offroad vehicle, nonindustrial.....	3	--	--	--	--	--	--	--	--	--	--	--	--
All terrain vehicle (ATV).....	3	--	--	--	--	--	--	--	--	--	--	--	--
Plant and industrial powered vehicles, tractors.....	12	8	4	--	4	4	--	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury by major private industry¹ sector, Texas, 2006 - continued

Primary source and secondary source	Total fatalities (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining ²	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
Forklift.....	9	5	--	--	4	4	--	--	--	--	--	--	--
Forklift, unspecified.....	9	5	--	--	4	4	--	--	--	--	--	--	--
Tractor.....	3	3	3	--	--	--	--	--	--	--	--	--	--
Water vehicle.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Other sources.....	62	16	4	8	4	39	17	--	4	3	--	8	--
Ammunition.....	44	7	--	--	4	32	16	--	4	--	--	6	--
Bullets.....	44	7	--	--	4	32	16	--	4	--	--	6	--
Atmospheric and environmental conditions.....	11	6	--	5	--	5	--	--	--	--	--	--	--
Fire, flame, smoke.....	7	3	--	--	--	4	--	--	--	--	--	--	--
Fire, flame.....	5	--	--	--	--	3	--	--	--	--	--	--	--
Temperature extremes--environmental.....	4	3	--	3	--	--	--	--	--	--	--	--	--
Heat--environmental.....	4	3	--	3	--	--	--	--	--	--	--	--	--
Other sources, n.e.c.....	3	3	--	--	--	--	--	--	--	--	--	--	--
Secondary Source⁴													
Chemicals and chemical products.....	6	3	--	--	--	3	--	--	--	--	--	--	--
Coal, natural gas, petroleum fuels and products, n.e.c.....	6	3	--	--	--	3	--	--	--	--	--	--	--
Natural gas.....	3	3	--	--	--	--	--	--	--	--	--	--	--
Petroleum fuels, distillates, products, n.e.c.....	3	--	--	--	--	3	--	--	--	--	--	--	--
Containers.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Containers--nonpressurized.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Machinery.....	30	21	4	6	11	7	3	--	--	--	--	--	3
Construction, logging, and mining machinery.....	5	3	--	--	--	--	--	--	--	--	--	--	--
Material handling machinery.....	17	12	--	4	7	4	--	--	--	--	--	--	3
Cranes.....	7	6	--	--	4	--	--	--	--	--	--	--	--
Jacks.....	5	--	--	--	--	3	--	--	--	--	--	--	3
Jacks, unspecified.....	5	--	--	--	--	3	--	--	--	--	--	--	3
Special process machinery.....	3	3	--	--	--	--	--	--	--	--	--	--	--
Parts and materials.....	26	20	6	13	--	6	--	--	--	--	--	--	--
Machine, tool, and electric parts.....	19	16	4	12	--	--	--	--	--	--	--	--	--
Electric parts.....	18	15	4	11	--	--	--	--	--	--	--	--	--
Electrical wiring.....	4	4	--	4	--	--	--	--	--	--	--	--	--
Power lines, transformers, converters.....	13	10	4	6	--	--	--	--	--	--	--	--	--
Vehicle and mobile equipment parts.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Persons, plants, animals, and minerals.....	52	13	3	4	6	33	18	--	4	--	--	6	--
Animals and animal products.....	4	3	3	--	--	--	--	--	--	--	--	--	--
Mammals, except humans.....	4	3	3	--	--	--	--	--	--	--	--	--	--
Horses.....	3	--	--	--	--	--	--	--	--	--	--	--	--

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		Total goods producing	Natural resources and mining ²	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
Person--other than injured or ill worker.....	44	9	--	4	5	30	16	--	4	--	--	5	--
Person--other than injured or ill worker, unspecified.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Co-worker, former co-worker of injured or ill worker.....	8	5	--	--	--	--	--	--	--	--	--	--	--
Relative of injured or ill worker.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Robber.....	21	--	--	--	--	19	12	--	4	--	--	--	--
Person--other than injured or ill worker, n.e.c.....	7	--	--	--	--	3	--	--	--	--	--	--	--
Plants, trees, vegetation--not processed.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Trees, logs.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Structures and surfaces.....	73	42	12	25	5	23	15	--	--	3	--	--	--
Floors, walkways, ground surfaces.....	18	6	--	3	--	7	4	--	--	--	--	--	--
Ground.....	8	3	--	--	--	--	--	--	--	--	--	--	--
Other floors, walkways, ground surfaces.....	4	--	--	--	--	3	3	--	--	--	--	--	--
Ramps, runways, loading docks.....	4	--	--	--	--	3	3	--	--	--	--	--	--
Other structural elements.....	16	14	--	11	--	--	--	--	--	--	--	--	--
Fences, fence panels.....	5	3	--	--	--	--	--	--	--	--	--	--	--
Roof.....	7	7	--	7	--	--	--	--	--	--	--	--	--
Structures.....	38	21	9	10	--	15	10	--	--	3	--	--	--
Buildings--office, plant, residential.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Scaffolds, staging.....	6	6	--	5	--	--	--	--	--	--	--	--	--
Scaffolds--staging, unspecified.....	4	4	--	4	--	--	--	--	--	--	--	--	--
Towers, poles.....	13	12	8	3	--	--	--	--	--	--	--	--	--
Other structures.....	14	--	--	--	--	11	9	--	--	--	--	--	--
Guardrails, road dividers.....	12	--	--	--	--	10	8	--	--	--	--	--	--
Tools, instruments, and equipment.....	16	10	--	10	--	4	--	--	--	--	--	--	--
Ladders.....	11	7	--	7	--	3	--	--	--	--	--	--	--
Ladders, unspecified.....	6	4	--	4	--	--	--	--	--	--	--	--	--
Ladders--movable.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Extension ladders.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Vehicles.....	84	34	17	10	7	43	31	--	--	3	--	3	--
Highway vehicle, motorized.....	74	29	13	9	7	38	27	--	--	3	--	--	--
Automobile.....	9	3	--	--	--	5	4	--	--	--	--	--	--
Truck.....	61	24	11	7	6	31	22	--	--	--	--	--	--
Pickup truck.....	19	7	3	--	--	7	5	--	--	--	--	--	--
Semitrailer, tractor trailer, trailer truck.....	30	11	6	--	4	18	15	--	--	--	--	--	--
Truck, n.e.c.....	9	4	--	3	--	5	--	--	--	--	--	--	--
Plant and industrial powered vehicles, tractors.....	7	--	--	--	--	5	4	--	--	--	--	--	--
Forklift.....	5	--	--	--	--	4	4	--	--	--	--	--	--

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TABLE A-4. Fatal occupational injuries by primary and secondary source of injury by major private industry¹ sector, Texas, 2006 - continued

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Forklift, unspecified.....	4	--	--	--	--	4	4	--	--	--	--	--	--
Rail vehicle.....	3	3	3	--	--	--	--	--	--	--	--	--	--
Train.....	3	3	3	--	--	--	--	--	--	--	--	--	--
Other sources.....	4	3	--	--	--	--	--	--	--	--	--	--	--

¹ Classified according to the North American Industry Classification System, 2002.

² Includes fatalities at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, 2002, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

³ The primary source of injury identifies the object, substance, or exposure that directly produced or inflicted the injury. For most transportation incidents, the primary source identifies the vehicle in which the deceased was an occupant. For most falls, the primary source identifies the surface or object contacted.

⁴ 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. For most falls, the secondary source identifies the equipment or surface from which the worker fell.

NOTE: 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." Data for 2006 are preliminary.

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