

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury by major private industry sector, Texas, 2005

Primary source and secondary source	Total fatalities (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining <sup>2</sup>	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.....	495	234	69	134	31	225	122	4	8	48	7	18	18
<b>Primary Source<sup>3</sup></b>													
Chemicals and chemical products.....	19	9	--	7	--	9	4	--	--	--	--	--	--
Chemical products--general.....	9	5	--	4	--	4	3	--	--	--	--	--	--
Drugs, alcohol, medicines.....	6	--	--	--	--	4	3	--	--	--	--	--	--
Drugs--nonmedicinal.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Other chemicals.....	9	--	--	--	--	5	--	--	--	--	--	--	--
Oxygen and oxygen compounds, n.e.c.....	5	--	--	--	--	5	--	--	--	--	--	--	--
Carbon monoxide.....	4	--	--	--	--	4	--	--	--	--	--	--	--
Containers.....	5	4	--	--	--	--	--	--	--	--	--	--	--
Machinery.....	35	23	10	10	3	10	5	--	--	--	--	--	--
Agricultural and garden machinery.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Mowing machinery.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Lawn mowers--riding.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Construction, logging, and mining machinery.....	10	8	--	7	--	--	--	--	--	--	--	--	--
Excavating machinery.....	6	4	--	4	--	--	--	--	--	--	--	--	--
Heating, cooling, and cleaning machinery and appliances.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Material handling machinery.....	8	4	--	--	--	4	3	--	--	--	--	--	--
Cranes.....	5	4	--	--	--	--	--	--	--	--	--	--	--
Special process machinery.....	5	5	4	--	--	--	--	--	--	--	--	--	--
Other special process machinery.....	5	5	4	--	--	--	--	--	--	--	--	--	--
Pumps.....	5	5	4	--	--	--	--	--	--	--	--	--	--
Parts and materials.....	55	43	8	29	6	10	4	--	--	--	--	--	--
Building materials--solid elements.....	19	17	4	8	5	--	--	--	--	--	--	--	--
Pipes, ducts, tubing.....	9	8	3	3	--	--	--	--	--	--	--	--	--
Metal pipe, tubing.....	6	5	--	--	--	--	--	--	--	--	--	--	--
Other building materials--solid elements.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Fasteners, connectors, ropes, ties.....	8	4	--	--	--	--	--	--	--	--	--	--	--
Fasteners.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Ropes, ties.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Rope, twine, string.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Machine, tool, and electric parts.....	27	21	--	18	--	6	4	--	--	--	--	--	--
Electric parts.....	17	14	--	13	--	3	--	--	--	--	--	--	--
Electrical wiring.....	8	7	--	6	--	--	--	--	--	--	--	--	--
Power lines, transformers, convertors.....	4	3	--	3	--	--	--	--	--	--	--	--	--
Switchboards, switches, fuses.....	5	4	--	4	--	--	--	--	--	--	--	--	--
Machine and appliance parts.....	10	7	--	5	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury by major private industry sector, Texas, 2005 - continued

Primary source and secondary source	Total fatalities (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining <sup>2</sup>	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 and appliance parts, n.e.c.....	10	7	--	5	--	--	--	--	--	--	--	--	--
Persons, plants, animals, and minerals.....	17	8	7	--	--	8	3	--	--	5	--	--	--
Animals and animal products.....	5	5	4	--	--	--	--	--	--	--	--	--	--
Insects, arachnids (spiders, ticks, scorpions, etc.).....	3	3	--	--	--	--	--	--	--	--	--	--	--
Plants, trees, vegetation--not processed.....	7	--	--	--	--	5	--	--	--	5	--	--	--
Trees, logs.....	7	--	--	--	--	5	--	--	--	5	--	--	--
Structures and surfaces.....	65	46	9	33	4	16	5	--	3	6	--	--	--
Floors, walkways, ground surfaces.....	60	42	9	30	3	15	5	--	--	6	--	--	--
Floors.....	23	19	--	15	--	--	--	--	--	--	--	--	--
Floor of building.....	20	16	--	14	--	--	--	--	--	--	--	--	--
Ground.....	26	17	6	10	--	9	3	--	--	4	--	--	--
Sidewalks, paths, outdoor walkways.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Surfaces below ground level, n.e.c.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Ditches, channels, trenches, excavations.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Structures.....	4	3	--	3	--	--	--	--	--	--	--	--	--
Buildings--office, plant, residential.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Tools, instruments, and equipment.....	13	3	--	--	--	9	--	--	--	--	--	--	--
Handtools--nonpowered.....	11	--	--	--	--	8	--	--	--	--	--	--	--
Cutting handtools--nonpowered.....	10	--	--	--	--	8	--	--	--	--	--	--	--
Knives.....	5	--	--	--	--	5	--	--	--	--	--	--	--
Vehicles.....	205	71	28	33	10	118	77	--	3	19	5	3	9
Air vehicle.....	7	--	--	--	--	--	--	--	--	--	--	--	--
Aircraft--powered fixed wing.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Propeller-driven aircraft.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Highway vehicle, motorized.....	170	54	14	30	10	103	66	--	3	18	3	3	8
Automobile.....	16	--	--	--	--	11	5	--	--	--	--	--	3
Bus.....	4	--	--	--	--	3	3	--	--	--	--	--	--
Truck.....	137	49	14	27	8	80	54	--	3	16	--	--	4
Truck, unspecified.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Dump truck.....	7	3	--	--	--	4	4	--	--	--	--	--	--
Pickup truck.....	51	26	9	15	--	22	5	--	--	11	--	--	4
Semitrailer, tractor trailer, trailer truck.....	55	10	4	5	--	43	42	--	--	--	--	--	--
Truck, n.e.c.....	19	9	--	4	5	7	--	--	--	3	--	--	--
Van--passenger or light delivery.....	11	4	--	3	--	7	--	--	--	--	--	--	--
Plant and industrial powered vehicles, tractors.....	17	9	7	--	--	8	6	--	--	--	--	--	--
Forklift.....	10	3	--	--	--	7	6	--	--	--	--	--	--
Forklift, unspecified.....	10	3	--	--	--	7	6	--	--	--	--	--	--
Tractor.....	7	6	6	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury by major private industry sector, Texas, 2005 - continued

Primary source and secondary source	Total fatalities (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining <sup>2</sup>	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
Rail vehicle.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Train.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Water vehicle.....	6	3	3	--	--	3	3	--	--	--	--	--	--
Tugboat, commercial fishing boat.....	4	3	3	--	--	--	--	--	--	--	--	--	--
Other sources.....	80	27	3	18	6	43	20	--	--	9	--	9	--
Ammunition.....	49	7	--	3	4	36	17	--	--	6	--	9	--
Bullets.....	49	7	--	3	4	36	17	--	--	6	--	9	--
Atmospheric and environmental conditions.....	25	18	--	14	--	4	--	--	--	--	--	--	--
Fire, flame, smoke.....	21	16	--	13	--	--	--	--	--	--	--	--	--
Fire, flame.....	20	16	--	13	--	--	--	--	--	--	--	--	--
Steam, vapors, liquids, n.e.c.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Liquids.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Water.....	4	--	--	--	--	--	--	--	--	--	--	--	--
<b>Secondary Source<sup>4</sup></b>													
Chemicals and chemical products.....	22	17	4	13	--	4	--	--	--	--	--	--	--
Aromatics and hydrocarbon derivatives, except halogenated.....	17	14	--	13	--	--	--	--	--	--	--	--	--
Aromatics and hydrocarbon derivatives, except halogenated, n.e.c.....	15	13	--	13	--	--	--	--	--	--	--	--	--
Nitro hydrocarbons.....	15	13	--	13	--	--	--	--	--	--	--	--	--
Coal, natural gas, petroleum fuels and products, n.e.c.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Containers.....	11	5	4	--	--	6	4	--	--	--	--	--	--
Containers--nonpressurized.....	7	--	--	--	--	5	3	--	--	--	--	--	--
Tanks, bins, vats.....	6	--	--	--	--	4	--	--	--	--	--	--	--
Containers--pressurized.....	4	3	--	--	--	--	--	--	--	--	--	--	--
Pressure lines, except hoses.....	3	3	--	--	--	--	--	--	--	--	--	--	--
Machinery.....	25	18	6	10	--	7	4	--	--	--	--	--	--
Construction, logging, and mining machinery.....	3	3	--	3	--	--	--	--	--	--	--	--	--
Excavating machinery.....	3	3	--	3	--	--	--	--	--	--	--	--	--
Material handling machinery.....	17	11	3	7	--	6	4	--	--	--	--	--	--
Cranes.....	8	5	--	5	--	--	--	--	--	--	--	--	--
Elevators.....	4	4	--	--	--	--	--	--	--	--	--	--	--
Jacks.....	3	--	--	--	--	3	--	--	--	--	--	--	--
Parts and materials.....	31	20	6	12	--	11	--	--	--	6	--	--	--
Building materials--solid elements.....	5	3	--	--	--	--	--	--	--	--	--	--	--
Fasteners, connectors, ropes, ties.....	3	3	--	--	--	--	--	--	--	--	--	--	--
Machine, tool, and electric parts.....	16	10	--	8	--	6	--	--	--	3	--	--	--
Electric parts.....	16	10	--	8	--	6	--	--	--	3	--	--	--

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		Total goods producing	Natural resources and mining <sup>2</sup>	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
Power lines, transformers, convertors.....	12	6	--	4	--	6	--	--	--	3	--	--	--
Vehicle and mobile equipment parts.....	7	4	3	--	--	--	--	--	--	--	--	--	--
Trailers.....	3	3	--	--	--	--	--	--	--	--	--	--	--
Persons, plants, animals, and minerals.....	64	14	6	4	4	41	19	--	--	7	--	10	--
Person--other than injured or ill worker.....	46	7	--	3	--	34	16	--	--	3	--	10	--
Person--other than injured or ill worker, unspecified.....	3	--	--	--	--	3	--	--	--	--	--	--	--
Co-worker, former co-worker of injured or ill worker.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Robber.....	22	--	--	--	--	21	14	--	--	--	--	4	--
Person--other than injured or ill worker, n.e.c.....	16	4	--	--	--	8	--	--	--	3	--	3	--
Plants, trees, vegetation--not processed.....	16	6	4	--	--	7	3	--	--	4	--	--	--
Trees, logs.....	16	6	4	--	--	7	3	--	--	4	--	--	--
Structures and surfaces.....	66	39	5	30	4	22	14	--	--	4	--	--	--
Floors, walkways, ground surfaces.....	6	--	--	--	--	--	--	--	--	--	--	--	--
Other structural elements.....	14	10	--	10	--	3	--	--	--	--	--	--	--
Roof.....	8	8	--	8	--	--	--	--	--	--	--	--	--
Walls.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Structures.....	46	27	5	19	3	17	11	--	--	3	--	--	--
Buildings--office, plant, residential.....	6	--	--	--	--	--	--	--	--	--	--	--	--
Scaffolds, staging.....	9	9	--	8	--	--	--	--	--	--	--	--	--
Scaffolds--staging, unspecified.....	7	7	--	7	--	--	--	--	--	--	--	--	--
Towers, poles.....	10	6	4	--	--	--	--	--	--	--	--	--	--
Other structures.....	16	5	--	3	--	11	10	--	--	--	--	--	--
Guardrails, road dividers.....	10	4	--	3	--	6	6	--	--	--	--	--	--
Structures, n.e.c.....	6	--	--	--	--	5	4	--	--	--	--	--	--
Tools, instruments, and equipment.....	25	11	--	8	--	13	3	--	--	6	--	--	--
Ladders.....	12	7	--	5	--	5	--	--	--	--	--	--	--
Ladders--movable.....	8	4	--	3	--	4	--	--	--	--	--	--	--
Step ladders.....	3	--	--	--	--	--	--	--	--	--	--	--	--
Other tools, instruments, and equipment.....	9	--	--	--	--	6	--	--	--	3	--	--	--
Firearms.....	8	--	--	--	--	6	--	--	--	3	--	--	--
Firearm, unspecified.....	4	--	--	--	--	3	--	--	--	--	--	--	--
Vehicles.....	82	23	8	10	5	55	33	--	--	10	--	4	4
Highway vehicle, motorized.....	70	18	8	8	--	48	30	--	--	7	--	3	4
Automobile.....	9	--	--	--	--	6	3	--	--	--	--	--	--
Truck.....	58	16	7	7	--	41	27	--	--	5	--	--	4
Truck, unspecified.....	4	--	--	--	--	3	--	--	--	--	--	--	--
Dump truck.....	4	--	--	--	--	4	--	--	--	--	--	--	--
Pickup truck.....	11	4	--	--	--	7	5	--	--	--	--	--	--

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		Total goods producing	Natural resources and mining <sup>2</sup>	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
Semitrailer, tractor trailer, trailer truck.....	30	7	--	4	--	22	15	--	--	4	--	--	--
Truck, n.e.c.....	9	4	--	--	--	5	4	--	--	--	--	--	--
Plant and industrial powered vehicles, tractors.....	6	4	--	--	--	--	--	--	--	--	--	--	--
Forklift.....	6	4	--	--	--	--	--	--	--	--	--	--	--
Forklift, unspecified.....	6	4	--	--	--	--	--	--	--	--	--	--	--
Other sources.....	10	5	3	--	--	5	4	--	--	--	--	--	--
Atmospheric and environmental conditions.....	6	--	--	--	--	4	4	--	--	--	--	--	--
Weather and atmospheric conditions.....	5	--	--	--	--	4	4	--	--	--	--	--	--
Rain.....	4	--	--	--	--	--	--	--	--	--	--	--	--
Steam, vapors, liquids, n.e.c.....	4	3	3	--	--	--	--	--	--	--	--	--	--
Liquids.....	4	3	3	--	--	--	--	--	--	--	--	--	--
Water.....	4	3	3	--	--	--	--	--	--	--	--	--	--

<sup>1</sup> Classified according to the North American Industry Classification System, 2002.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> 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 2005 are preliminary.

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