

TABLE A-1. Fatal occupational injuries by industry and event or exposure, Texas, 2016

Industry ¹	NAICS code ¹	Total fatal injuries (number)	Event or exposure ²					
			Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Total		545	74	244	10	90	50	75
Private industry		483	57	208	10	88	45	73
Goods producing		223	9	72	7	56	30	49
Natural resources and mining		54	3	25	--	4	6	14
Agriculture, forestry, fishing and hunting		19	--	5	1	--	--	7
Crop production	111	4	--	--	--	--	--	--
Greenhouse, nursery, and floriculture production	1114	1	--	1	--	--	--	--
Nursery and floriculture production	11142	1	--	1	--	--	--	--
Nursery and tree production	111421	1	--	1	--	--	--	--
Animal production and aquaculture	112	10	--	--	1	--	--	5
Cattle ranching and farming	1121	10	--	--	1	--	--	5
Beef cattle ranching and farming, including feedlots	11211	10	--	--	1	--	--	5
Beef cattle ranching and farming	112111	4	--	--	--	--	--	--
Fishing, hunting and trapping	114	--	--	1	--	--	--	--
Fishing	1141	1	--	1	--	--	--	--
Fishing	11411	1	--	1	--	--	--	--
Finfish fishing	114111	1	--	1	--	--	--	--
Support activities for agriculture and forestry	115	3	--	1	--	--	--	--
Support activities for crop production	1151	3	--	1	--	--	--	--
Support activities for crop production	11511	3	--	1	--	--	--	--
Soil preparation, planting, and cultivating	115112	--	--	1	--	--	--	--
Mining⁵		35	--	20	--	--	4	7
Oil and gas extraction	211	3	--	--	--	--	--	--
Oil and gas extraction	2111	3	--	--	--	--	--	--
Oil and gas extraction	21111	3	--	--	--	--	--	--
Crude petroleum and natural gas extraction	211111	3	--	--	--	--	--	--
Support activities for mining	213	31	--	17	--	--	4	7

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Support activities for mining	2131	31	--	17	--	--	4	7
Support activities for mining	21311	31	--	17	--	--	4	7
Drilling oil and gas wells	213111	4	--	--	--	--	--	--
Support activities for oil and gas operations	213112	26	--	16	--	--	4	4
Support activities for nonmetallic minerals (except fuels)	213115	1	--	--	--	--	--	--
Construction		133	4	38	4	44	24	19
Construction		133	4	38	4	44	24	19
Construction of buildings	236	17	1	6	--	5	--	3
Residential building construction	2361	12	1	4	--	4	--	--
Residential building construction	23611	12	1	4	--	4	--	--
New single-family housing construction (except for-sale builders)	236115	3	--	--	--	--	--	--
Residential remodelers	236118	8	1	--	--	4	--	--
Nonresidential building construction	2362	5	--	--	--	--	--	--
Commercial and institutional building construction	23622	4	--	--	--	--	--	--
Heavy and civil engineering construction	237	27	--	12	--	--	3	6
Utility system construction	2371	16	--	6	--	--	3	4
Water and sewer line and related structures construction	23711	7	--	--	--	--	--	3
Oil and gas pipeline and related structures construction	23712	6	--	3	--	--	--	--
Power and communication line and related structures construction	23713	3	--	--	--	--	--	--
Highway, street, and bridge construction	2373	7	--	5	--	--	--	1
Highway, street, and bridge construction	23731	7	--	5	--	--	--	1
Other heavy and civil engineering construction	2379	4	--	--	--	--	--	--
Specialty trade contractors	238	89	--	20	--	37	19	10
Foundation, structure, and building exterior contractors	2381	32	--	--	--	21	4	4
Poured concrete foundation and structure contractors	23811	3	--	--	--	--	--	--
Structural steel and precast concrete contractors	23812	3	--	--	--	--	--	--
Framing contractors	23813	6	--	--	--	3	--	--
Residential framing contractors	238131	4	--	--	--	--	--	--
Roofing contractors	23816	14	--	--	--	12	1	--
Residential roofing contractors	238161	7	--	--	--	5	1	--
Nonresidential roofing contractors	238162	7	--	--	--	7	--	--
Building equipment contractors	2382	27	--	9	--	7	9	--

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			Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Electrical contractors	23821	14	--	6	--	4	4	--
Nonresidential electrical contractors	238212	8	--	3	--	3	--	--
Plumbing, heating, and air-conditioning contractors	23822	11	--	--	--	3	5	--
Residential plumbing, heating, and air-conditioning contractors	238221	6	--	--	--	--	4	--
Nonresidential plumbing, heating, and air-conditioning contractors	238222	4	--	--	--	--	--	--
Building finishing contractors	2383	13	--	--	--	6	3	--
Painting and wall covering contractors	23832	6	--	1	--	3	1	--
Residential painting and wall covering contractors	238321	2	--	1	--	--	1	--
Nonresidential painting and wall covering contractors	238322	3	--	--	--	--	--	--
Other specialty trade contractors	2389	17	--	7	--	3	--	3
Site preparation contractors	23891	4	--	--	--	--	--	--
All other specialty trade contractors	23899	13	--	6	--	--	--	1
All other residential specialty trade contractors	238991	3	--	--	--	--	--	1
All other nonresidential specialty trade contractors	238992	5	--	4	--	--	--	--
Manufacturing		36	--	9	--	8	--	16
Manufacturing		36	--	9	--	8	--	16
Wood product manufacturing	321	3	--	--	--	--	--	--
Nonmetallic mineral product manufacturing	327	8	--	--	--	--	--	5
Cement and concrete product manufacturing	3273	6	--	--	--	--	--	3
Ready-mix concrete manufacturing	32732	4	--	--	--	--	--	--
Fabricated metal product manufacturing	332	6	--	--	--	--	--	4
Architectural and structural metals manufacturing	3323	--	--	--	--	--	--	--
Ornamental and architectural metal products manufacturing	33232	1	--	--	--	--	--	--
Ornamental and architectural metal work manufacturing	332323	1	--	--	--	--	--	--
Machinery manufacturing	333	3	--	--	--	--	--	--
Transportation equipment manufacturing	336	4	--	--	--	--	--	--
Miscellaneous manufacturing	339	3	--	--	--	--	--	--
Other miscellaneous manufacturing	3399	3	--	--	--	--	--	--
Service providing		260	48	136	3	32	15	24

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			Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Trade, transportation, and utilities		132	21	90	--	11	--	7
Utilities		5	--	3	--	--	--	--
Utilities	221	5	--	3	--	--	--	--
Electric power generation, transmission and distribution	2211	4	--	3	--	--	--	--
Electric power transmission, control, and distribution	22112	3	--	--	--	--	--	--
Electric power distribution	221122	3	--	--	--	--	--	--
Water, sewage and other systems	2213	1	--	--	--	--	--	--
Water supply and irrigation systems	22131	1	--	--	--	--	--	--
Wholesale trade		22	--	18	--	3	--	--
Merchant wholesalers, durable goods	423	11	--	8	--	3	--	--
Machinery, equipment, and supplies merchant wholesalers	4238	4	--	3	--	--	--	--
Industrial machinery and equipment merchant wholesalers	42383	4	--	3	--	--	--	--
Merchant wholesalers, nondurable goods	424	11	--	10	--	--	--	--
Grocery and related product wholesalers	4244	3	--	3	--	--	--	--
Petroleum and petroleum products merchant wholesalers	4247	3	--	3	--	--	--	--
Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)	42472	3	--	3	--	--	--	--
Miscellaneous nondurable goods merchant wholesalers	4249	3	--	3	--	--	--	--
Paint, varnish, and supplies merchant wholesalers	42495	1	--	1	--	--	--	--
Retail trade		21	16	3	--	--	--	--
Motor vehicle and parts dealers	441	4	3	--	--	--	--	--
Automobile dealers	4411	--	1	--	--	--	--	--
Used car dealers	44112	1	1	--	--	--	--	--
Food and beverage stores	445	4	--	--	--	--	--	--
Grocery stores	4451	3	--	--	--	--	--	--
Convenience stores	44512	1	1	--	--	--	--	--
Gasoline stations	447	6	6	--	--	--	--	--
Gasoline stations	4471	6	6	--	--	--	--	--
Gasoline stations with convenience stores	44711	6	6	--	--	--	--	--
Sporting goods, hobby, book, and music stores	451	--	1	--	--	--	--	--

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			Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Sporting goods, hobby, and musical instrument stores	4511	--	1	--	--	--	--	--
Sporting goods stores	45111	--	1	--	--	--	--	--
General merchandise stores	452	4	3	--	--	--	--	--
Department stores	4521	1	1	--	--	--	--	--
Department stores	45211	1	1	--	--	--	--	--
Discount department stores	452112	1	1	--	--	--	--	--
Other general merchandise stores	4529	3	--	--	--	--	--	--
Transportation and warehousing		84	4	66	--	6	--	6
Truck transportation	484	64	2	53	--	3	--	4
General freight trucking	4841	41	2	33	--	3	--	3
General freight trucking, local	48411	9	--	7	--	--	--	--
General freight trucking, long-distance	48412	32	2	26	--	3	--	--
General freight trucking, long-distance, truckload	484121	26	2	20	--	3	--	--
General freight trucking, long-distance, less than truckload	484122	5	--	5	--	--	--	--
Specialized freight trucking	4842	23	--	20	--	--	--	--
Specialized freight (except used goods) trucking, local	48422	9	--	7	--	--	--	--
Specialized freight (except used goods) trucking, long-distance	48423	13	--	12	--	--	--	--
Transit and ground passenger transportation	485	4	1	--	--	--	--	--
Taxi and limousine service	4853	1	1	--	--	--	--	--
Taxi service	48531	1	1	--	--	--	--	--
School and employee bus transportation	4854	1	--	--	--	--	--	--
School and employee bus transportation	48541	1	--	--	--	--	--	--
Scenic and sightseeing transportation	487	1	--	1	--	--	--	--
Scenic and sightseeing transportation, other	4879	1	--	1	--	--	--	--
Support activities for transportation	488	5	--	3	--	--	--	--
Support activities for road transportation	4884	--	--	--	--	--	--	--
Motor vehicle towing	48841	1	--	1	--	--	--	--
Information		6	--	--	--	--	--	--
Information		6	--	--	--	--	--	--
Broadcasting (except internet)	515	1	1	--	--	--	--	--

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			Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment	
Radio and television broadcasting	5151	1	1	--	--	--	--	--	--
Radio broadcasting	51511	1	1	--	--	--	--	--	--
Radio networks	515111	1	1	--	--	--	--	--	--
Telecommunications	517	4	--	--	--	--	--	--	--
Financial activities		9	1	3	--	--	--	--	3
Real estate and rental and leasing		7	1	--	--	--	--	--	--
Real estate	531	--	1	--	--	--	--	--	--
Lessors of real estate	5311	--	1	--	--	--	--	--	--
Lessors of miniwarehouses and self-storage units	53113	1	1	--	--	--	--	--	--
Rental and leasing services	532	4	--	--	--	--	--	--	--
Professional and business services		69	11	28	--	14	8	7	
Professional and technical services		12	4	6	--	--	--	--	
Professional, scientific, and technical services	541	12	4	6	--	--	--	--	
Legal services	5411	1	1	--	--	--	--	--	
Other legal services	54119	1	1	--	--	--	--	--	
Architectural, engineering, and related services	5413	6	--	5	--	--	--	--	
Engineering services	54133	4	--	4	--	--	--	--	
Administrative and waste services		57	7	22	--	14	7	6	
Administrative and support services	561	44	7	14	--	11	7	5	
Employment services	5613	11	--	3	--	4	--	--	
Temporary help services	56132	11	--	3	--	4	--	--	
Investigation and security services	5616	9	6	--	--	--	1	--	
Investigation, guard, and armored car services	56161	7	6	--	--	--	--	--	
Security guards and patrol services	561612	5	4	--	--	--	--	--	
Security systems services	56162	--	--	--	--	--	1	--	
Security systems services (except locksmiths)	561621	1	--	--	--	--	1	--	
Services to buildings and dwellings	5617	22	--	7	--	7	4	3	

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			Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Landscaping services	56173	19	--	6	--	7	--	3
Waste management and remediation services	562	13	--	8	--	3	--	--
Waste collection	5621	5	--	4	--	--	--	--
Waste collection	56211	5	--	4	--	--	--	--
Solid waste collection	562111	4	--	3	--	--	--	--
Waste treatment and disposal	5622	1	--	1	--	--	--	--
Waste treatment and disposal	56221	1	--	1	--	--	--	--
Remediation and other waste management services	5629	7	--	3	--	3	--	--
All other waste management services	56299	5	--	3	--	--	--	--
Educational and health services		11	3	6	--	--	--	--
Educational services		5	--	5	--	--	--	--
Educational services	611	5	--	5	--	--	--	--
Technical and trade schools	6115	5	--	5	--	--	--	--
Technical and trade schools	61151	5	--	5	--	--	--	--
Flight training	611512	5	--	5	--	--	--	--
Health care and social assistance		6	3	--	--	--	--	--
Ambulatory health care services	621	1	--	--	--	--	--	--
Offices of other health practitioners	6213	1	--	--	--	--	--	--
Offices of chiropractors	62131	1	--	--	--	--	--	--
Hospitals	622	--	1	--	--	--	--	--
Psychiatric and substance abuse hospitals	6222	1	1	--	--	--	--	--
Psychiatric and substance abuse hospitals	62221	1	1	--	--	--	--	--
Leisure and hospitality		20	9	6	--	--	3	--
Arts, entertainment, and recreation		8	3	4	--	--	--	--
Performing arts, spectator sports, and related industries	711	4	1	--	--	--	--	--
Promoters of performing arts, sports, and similar events	7113	1	1	--	--	--	--	--
Promoters of performing arts, sports, and similar events with facilities	71131	1	1	--	--	--	--	--

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Independent artists, writers, and performers	7115	1	--	1	--	--	--	--
Independent artists, writers, and performers	71151	1	--	1	--	--	--	--
Amusement, gambling, and recreation industries	713	4	--	--	--	--	--	--
Gambling industries	7132	1	--	--	--	--	--	--
Other amusement and recreation industries	7139	3	--	--	--	--	--	--
Accommodation and food services		12	6	--	--	--	3	--
Accommodation	721	3	--	--	--	--	3	--
Traveler accommodation	7211	3	--	--	--	--	3	--
Hotels (except casino hotels) and motels	72111	3	--	--	--	--	3	--
Food services and drinking places	722	9	6	--	--	--	--	--
Drinking places (alcoholic beverages)	7224	2	2	--	--	--	--	--
Drinking places (alcoholic beverages)	72241	2	2	--	--	--	--	--
Restaurants and other eating places	7225	7	4	--	--	--	--	--
Restaurants and other eating places	72251	7	4	--	--	--	--	--
Limited-service restaurants	722513	5	3	--	--	--	--	--
Other services, except public administration		13	--	--	--	--	--	6
Other services, except public administration		13	--	--	--	--	--	6
Repair and maintenance	811	10	--	1	--	--	--	6
Automotive repair and maintenance	8111	7	--	--	--	--	--	5
Automotive mechanical and electrical repair and maintenance	81111	6	--	--	--	--	--	5
General automotive repair	811111	5	--	--	--	--	--	4
Commercial machinery repair and maintenance	8113	--	--	1	--	--	--	--
Commercial machinery repair and maintenance	81131	--	--	1	--	--	--	--
Religious, grantmaking, civic, professional, and similar organizations	813	1	--	--	--	--	--	--
Religious organizations	8131	1	--	--	--	--	--	--
Religious organizations	81311	1	--	--	--	--	--	--
Government⁶		62	17	36	--	--	5	--
Federal government		21	4	14	--	--	1	--

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Service providing		21	4	14	--	--	1	--
Public administration		18	4	12	--	--	1	--
Public administration		18	4	12	--	--	1	--
National security and international affairs	928	18	4	12	--	--	1	--
National security and international affairs	9281	18	4	12	--	--	1	--
National security	92811	17	4	11	--	--	1	--
International affairs	92812	1	--	1	--	--	--	--
State government		8	--	5	--	--	--	--
Service providing		7	--	4	--	--	--	--
Educational and health services		4	--	--	--	--	--	--
Educational services		3	--	--	--	--	--	--
Educational services	611	3	--	--	--	--	--	--
Colleges, universities, and professional schools	6113	3	--	--	--	--	--	--
Colleges, universities, and professional schools	61131	3	--	--	--	--	--	--
Public administration		3	--	--	--	--	--	--
Public administration		3	--	--	--	--	--	--
Local government		33	11	17	--	--	--	--
Service providing		31	11	16	--	--	--	--
Trade, transportation, and utilities		6	--	--	--	--	--	--
Utilities		4	--	--	--	--	--	--

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			Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Utilities	221	4	--	--	--	--	--	--
Water, sewage and other systems	2213	4	--	--	--	--	--	--
Transportation and warehousing		--	1	--	--	--	--	--
Transit and ground passenger transportation	485	--	1	--	--	--	--	--
Urban transit systems	4851	--	1	--	--	--	--	--
Urban transit systems	48511	--	1	--	--	--	--	--
Mixed mode transit systems	485111	--	1	--	--	--	--	--
Educational and health services		5	--	4	--	--	--	--
Educational services		4	--	3	--	--	--	--
Educational services	611	4	--	3	--	--	--	--
Elementary and secondary schools	6111	4	--	3	--	--	--	--
Elementary and secondary schools	61111	4	--	3	--	--	--	--
Public administration		18	9	8	--	--	--	--
Public administration		18	9	8	--	--	--	--
Justice, public order, and safety activities	922	18	9	8	--	--	--	--
Justice, public order, and safety activities	9221	18	9	8	--	--	--	--
Police protection	92212	16	9	7	--	--	--	--

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			Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment

¹ CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For more information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>.

² Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

³ Includes violence by persons, self-inflicted injury, and attacks by animals.

⁴ Includes roadway, nonroadway, air, water, rail fatal occupational injuries, and fatal occupational injuries resulting from being struck by a vehicle.

⁵ 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.

⁶ Includes fatal injuries to workers employed by governmental organizations regardless of industry.

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. 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, December 08, 2017

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2016

Industry ¹	Total fatal injuries (number)	Transportation incidents ²				Homicides ²	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Total	545	244	169	10	42	45	34
Private industry	483	208	140	9	39	35	26
Goods producing	223	72	42	6	19	1	--
Natural resources and mining	54	25	17	--	4	--	--
Agriculture, forestry, fishing and hunting	19	5	1	--	--	--	--
Crop production	4	--	1	--	--	--	--
Greenhouse, nursery, and floriculture production	1	1	1	--	--	--	--
Nursery and floriculture production	1	1	1	--	--	--	--
Nursery and tree production	1	1	1	--	--	--	--
Animal production and aquaculture	10	--	--	--	--	--	--
Cattle ranching and farming	10	--	--	--	--	--	--
Beef cattle ranching and farming, including feedlots	10	--	--	--	--	--	--
Beef cattle ranching and farming	4	--	--	--	--	--	--
Fishing, hunting and trapping	--	1	--	--	--	--	--
Fishing	1	1	--	--	--	--	--
Fishing	1	1	--	--	--	--	--
Finfish fishing	1	1	--	--	--	--	--
Support activities for agriculture and forestry	3	1	--	--	--	--	--
Support activities for crop production	3	1	--	--	--	--	--
Support activities for crop production	3	1	--	--	--	--	--
Soil preparation, planting, and cultivating	--	1	--	--	--	--	--
Mining³	35	20	16	--	4	--	--
Oil and gas extraction	3	--	--	--	--	--	--
Oil and gas extraction	3	--	--	--	--	--	--
Oil and gas extraction	3	--	--	--	--	--	--
Crude petroleum and natural gas extraction	3	--	--	--	--	--	--
Support activities for mining	31	17	14	--	3	--	--

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2016

Industry ¹	Total fatal injuries (number)	Transportation incidents ²				Homicides ²	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Support activities for mining	31	17	14	--	3	--	--
Support activities for mining	31	17	14	--	3	--	--
Drilling oil and gas wells	4	--	--	--	--	--	--
Support activities for oil and gas operations	26	16	13	--	3	--	--
Support activities for nonmetallic minerals (except fuels)	1	--	--	--	--	--	--
Construction	133	38	19	3	15	1	--
Construction	133	38	19	3	15	1	--
Construction of buildings	17	6	3	--	3	1	--
Residential building construction	12	4	3	--	--	1	--
Residential building construction	12	4	3	--	--	1	--
New single-family housing construction (except for-sale builders)	3	--	1	--	--	--	--
Residential remodelers	8	--	--	--	--	1	--
Nonresidential building construction	5	--	--	--	--	--	--
Commercial and institutional building construction	4	--	--	--	--	--	--
Heavy and civil engineering construction	27	12	3	--	8	--	--
Utility system construction	16	6	--	--	4	--	--
Water and sewer line and related structures construction	7	--	--	--	--	--	--
Oil and gas pipeline and related structures construction	6	3	--	--	--	--	--
Power and communication line and related structures construction	3	--	--	--	--	--	--
Highway, street, and bridge construction	7	5	1	--	4	--	--
Highway, street, and bridge construction	7	5	1	--	4	--	--
Other heavy and civil engineering construction	4	--	--	--	--	--	--
Specialty trade contractors	89	20	13	3	4	--	--
Foundation, structure, and building exterior contractors	32	--	--	--	--	--	--
Poured concrete foundation and structure contractors	3	--	--	--	--	--	--
Structural steel and precast concrete contractors	3	--	--	--	--	--	--
Framing contractors	6	--	--	--	--	--	--
Residential framing contractors	4	--	--	--	--	--	--
Roofing contractors	14	--	--	--	--	--	--
Residential roofing contractors	7	--	--	--	--	--	--
Nonresidential roofing contractors	7	--	--	--	--	--	--
Building equipment contractors	27	9	8	--	--	--	--

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2016

Industry ¹	Total fatal injuries (number)	Transportation incidents ²				Homicides ²	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Electrical contractors	14	6	5	--	--	--	--
Nonresidential electrical contractors	8	3	--	--	--	--	--
Plumbing, heating, and air-conditioning contractors	11	--	--	--	--	--	--
Residential plumbing, heating, and air-conditioning contractors	6	--	--	--	--	--	--
Nonresidential plumbing, heating, and air-conditioning contractors	4	--	--	--	--	--	--
Building finishing contractors	13	--	--	--	--	--	--
Painting and wall covering contractors	6	1	1	--	--	--	--
Residential painting and wall covering contractors	2	1	1	--	--	--	--
Nonresidential painting and wall covering contractors	3	--	--	--	--	--	--
Other specialty trade contractors	17	7	3	--	--	--	--
Site preparation contractors	4	--	--	--	--	--	--
All other specialty trade contractors	13	6	--	--	--	--	--
All other residential specialty trade contractors	3	--	--	--	--	--	--
All other nonresidential specialty trade contractors	5	4	--	--	--	--	--
Manufacturing	36	9	6	--	--	--	--
Manufacturing	36	9	6	--	--	--	--
Wood product manufacturing	3	--	--	--	--	--	--
Nonmetallic mineral product manufacturing	8	--	--	--	--	--	--
Cement and concrete product manufacturing	6	--	--	--	--	--	--
Ready-mix concrete manufacturing	4	--	--	--	--	--	--
Fabricated metal product manufacturing	6	--	--	--	--	--	--
Architectural and structural metals manufacturing	--	--	--	--	--	--	--
Ornamental and architectural metal products manufacturing	1	--	--	--	--	--	--
Ornamental and architectural metal work manufacturing	1	--	--	--	--	--	--
Machinery manufacturing	3	--	--	--	--	--	--
Transportation equipment manufacturing	4	--	--	--	--	--	--
Miscellaneous manufacturing	3	--	--	--	--	--	--
Other miscellaneous manufacturing	3	--	--	--	--	--	--
Service providing	260	136	98	3	20	34	26

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2016

Industry ¹	Total fatal injuries (number)	Transportation incidents ²				Homicides ²	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Trade, transportation, and utilities	132	90	72	--	9	16	14
Utilities	5	3	3	--	--	--	--
Utilities	5	3	3	--	--	--	--
Electric power generation, transmission and distribution	4	3	3	--	--	--	--
Electric power transmission, control, and distribution	3	--	--	--	--	--	--
Electric power distribution	3	--	--	--	--	--	--
Water, sewage and other systems	1	--	--	--	--	--	--
Water supply and irrigation systems	1	--	--	--	--	--	--
Wholesale trade	22	18	16	--	--	--	--
Merchant wholesalers, durable goods	11	8	7	--	--	--	--
Machinery, equipment, and supplies merchant wholesalers	4	3	3	--	--	--	--
Industrial machinery and equipment merchant wholesalers	4	3	3	--	--	--	--
Merchant wholesalers, nondurable goods	11	10	9	--	--	--	--
Grocery and related product wholesalers	3	3	3	--	--	--	--
Petroleum and petroleum products merchant wholesalers	3	3	3	--	--	--	--
Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)	3	3	3	--	--	--	--
Miscellaneous nondurable goods merchant wholesalers	3	3	--	--	--	--	--
Paint, varnish, and supplies merchant wholesalers	1	1	1	--	--	--	--
Retail trade	21	3	--	--	--	14	13
Motor vehicle and parts dealers	4	--	--	--	--	2	1
Automobile dealers	--	--	--	--	--	1	1
Used car dealers	1	--	--	--	--	1	1
Automotive parts, accessories, and tire stores	--	--	--	--	--	1	--
Automotive parts and accessories stores	--	--	--	--	--	1	--
Food and beverage stores	4	--	--	--	--	--	--
Grocery stores	3	--	--	--	--	--	--
Convenience stores	1	--	--	--	--	1	1
Gasoline stations	6	--	--	--	--	6	6
Gasoline stations	6	--	--	--	--	6	6

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2016

Industry ¹	Total fatal injuries (number)	Transportation incidents ²				Homicides ²	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Gasoline stations with convenience stores	6	--	--	--	--	6	6
Sporting goods, hobby, book, and music stores	--	--	--	--	--	1	1
Sporting goods, hobby, and musical instrument stores	--	--	--	--	--	1	1
Sporting goods stores	--	--	--	--	--	1	1
General merchandise stores	4	--	--	--	--	3	3
Department stores	1	--	--	--	--	1	1
Department stores	1	--	--	--	--	1	1
Discount department stores	1	--	--	--	--	1	1
Other general merchandise stores	3	--	--	--	--	--	--
Transportation and warehousing	84	66	52	--	6	2	1
Truck transportation	64	53	46	--	5	1	1
General freight trucking	41	33	29	--	3	1	1
General freight trucking, local	9	7	7	--	--	--	--
General freight trucking, long-distance	32	26	22	--	3	1	1
General freight trucking, long-distance, truckload	26	20	18	--	--	1	1
General freight trucking, long-distance, less than truckload	5	5	3	--	--	--	--
Specialized freight trucking	23	20	17	--	--	--	--
Specialized freight (except used goods) trucking, local	9	7	7	--	--	--	--
Specialized freight (except used goods) trucking, long-distance	13	12	9	--	--	--	--
Transit and ground passenger transportation	4	--	--	--	--	1	--
Taxi and limousine service	1	--	--	--	--	1	--
Taxi service	1	--	--	--	--	1	--
School and employee bus transportation	1	--	--	--	--	--	--
School and employee bus transportation	1	--	--	--	--	--	--
Scenic and sightseeing transportation	1	1	--	--	--	--	--
Scenic and sightseeing transportation, other	1	1	--	--	--	--	--
Support activities for transportation	5	3	1	--	--	--	--
Support activities for road transportation	--	--	1	--	--	--	--
Motor vehicle towing	1	1	1	--	--	--	--
Information	6	--	--	--	--	--	--
Information	6	--	--	--	--	--	--

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2016

Industry ¹	Total fatal injuries (number)	Transportation incidents ²				Homicides ²	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Broadcasting (except internet)	1	--	--	--	--	1	--
Radio and television broadcasting	1	--	--	--	--	1	--
Radio broadcasting	1	--	--	--	--	1	--
Radio networks	1	--	--	--	--	1	--
Telecommunications	4	--	--	--	--	--	--
Financial activities	9	3	--	--	--	--	--
Real estate and rental and leasing	7	--	1	--	--	--	--
Real estate	--	--	--	--	--	--	--
Lessors of real estate	--	--	--	--	--	--	--
Lessors of miniwarehouses and self-storage units	1	--	--	--	--	--	--
Rental and leasing services	4	--	1	--	--	--	--
Automotive equipment rental and leasing	--	--	1	--	--	--	--
Truck, utility trailer, and RV (recreational vehicle) rental and leasing	--	--	1	--	--	--	--
Professional and business services	69	28	17	--	9	5	4
Professional and technical services	12	6	3	--	3	--	--
Professional, scientific, and technical services	12	6	3	--	3	--	--
Legal services	1	--	--	--	--	--	--
Other legal services	1	--	--	--	--	--	--
Architectural, engineering, and related services	6	5	--	--	3	--	--
Engineering services	4	4	--	--	3	--	--
Administrative and waste services	57	22	14	--	6	5	4
Administrative and support services	44	14	8	--	4	5	4
Employment services	11	3	3	--	--	--	--
Temporary help services	11	3	3	--	--	--	--
Investigation and security services	9	--	--	--	--	5	4
Investigation, guard, and armored car services	7	--	--	--	--	5	4

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2016

Industry ¹	Total fatal injuries (number)	Transportation incidents ²				Homicides ²	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Security guards and patrol services	5	--	--	--	--	3	2
Security systems services	--	--	--	--	--	--	--
Security systems services (except locksmiths)	1	--	--	--	--	--	--
Services to buildings and dwellings	22	7	--	--	4	--	--
Landscaping services	19	6	--	--	4	--	--
Waste management and remediation services	13	8	6	--	--	--	--
Waste collection	5	4	3	--	--	--	--
Waste collection	5	4	3	--	--	--	--
Solid waste collection	4	3	--	--	--	--	--
Waste treatment and disposal	1	1	1	--	--	--	--
Waste treatment and disposal	1	1	1	--	--	--	--
Remediation and other waste management services	7	3	--	--	--	--	--
All other waste management services	5	3	--	--	--	--	--
Educational and health services	11	6	--	--	--	--	--
Educational services	5	5	--	--	--	--	--
Educational services	5	5	--	--	--	--	--
Technical and trade schools	5	5	--	--	--	--	--
Technical and trade schools	5	5	--	--	--	--	--
Flight training	5	5	--	--	--	--	--
Health care and social assistance	6	--	--	--	--	--	--
Ambulatory health care services	1	--	--	--	--	--	--
Offices of other health practitioners	1	--	--	--	--	--	--
Offices of chiropractors	1	--	--	--	--	--	--
Hospitals	--	--	--	--	--	1	--
Psychiatric and substance abuse hospitals	1	--	--	--	--	1	--
Psychiatric and substance abuse hospitals	1	--	--	--	--	1	--
Leisure and hospitality	20	6	5	--	--	8	7
Arts, entertainment, and recreation	8	4	--	--	--	--	--

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2016

Industry ¹	Total fatal injuries (number)	Transportation incidents ²				Homicides ²	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Performing arts, spectator sports, and related industries	4	--	--	--	--	--	--
Promoters of performing arts, sports, and similar events	1	--	--	--	--	--	--
Promoters of performing arts, sports, and similar events with facilities	1	--	--	--	--	--	--
Independent artists, writers, and performers	1	1	1	--	--	--	--
Independent artists, writers, and performers	1	1	1	--	--	--	--
Amusement, gambling, and recreation industries	4	--	--	--	--	--	--
Gambling industries	1	--	--	--	--	--	--
Other amusement and recreation industries	3	--	--	--	--	--	--
Accommodation and food services	12	--	--	--	--	6	6
Accommodation	3	--	--	--	--	--	--
Traveler accommodation	3	--	--	--	--	--	--
Hotels (except casino hotels) and motels	3	--	--	--	--	--	--
Food services and drinking places	9	--	--	--	--	6	6
Drinking places (alcoholic beverages)	2	--	--	--	--	2	2
Drinking places (alcoholic beverages)	2	--	--	--	--	2	2
Restaurants and other eating places	7	--	--	--	--	4	4
Restaurants and other eating places	7	--	--	--	--	4	4
Limited-service restaurants	5	--	--	--	--	3	3
Other services, except public administration	13	--	--	--	--	--	--
Other services, except public administration	13	--	--	--	--	--	--
Repair and maintenance	10	1	1	--	--	--	--
Automotive repair and maintenance	7	--	--	--	--	--	--
Automotive mechanical and electrical repair and maintenance	6	--	--	--	--	--	--
General automotive repair	5	--	--	--	--	--	--
Commercial machinery repair and maintenance	--	1	1	--	--	--	--
Commercial machinery repair and maintenance	--	1	1	--	--	--	--
Religious, grantmaking, civic, professional, and similar organizations	1	--	--	--	--	--	--
Religious organizations	1	--	--	--	--	--	--
Religious organizations	1	--	--	--	--	--	--

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2016

Industry ¹	Total fatal injuries (number)	Transportation incidents ²				Homicides ²	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Government⁴	62	36	29	--	3	10	8
Federal government	21	14	11	--	--	1	1
Service providing	21	14	11	--	--	1	1
Public administration	18	12	10	--	--	1	1
Public administration	18	12	10	--	--	1	1
National security and international affairs	18	12	10	--	--	1	1
National security and international affairs	18	12	10	--	--	1	1
National security	17	11	9	--	--	1	1
International affairs	1	1	1	--	--	--	--
State government	8	5	4	--	--	--	--
Service providing	7	4	3	--	--	--	--
Educational and health services	4	--	--	--	--	--	--
Educational services	3	--	--	--	--	--	--
Educational services	3	--	--	--	--	--	--
Colleges, universities, and professional schools	3	--	--	--	--	--	--
Colleges, universities, and professional schools	3	--	--	--	--	--	--
Public administration	3	--	--	--	--	--	--
Public administration	3	--	--	--	--	--	--
Local government	33	17	14	--	--	8	7
Service providing	31	16	13	--	--	8	7

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2016

Industry ¹	Total fatal injuries (number)	Transportation incidents ²				Homicides ²	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Trade, transportation, and utilities	6	--	--	--	--	1	1
Utilities	4	--	--	--	--	--	--
Utilities	4	--	--	--	--	--	--
Water, sewage and other systems	4	--	--	--	--	--	--
Transportation and warehousing	--	--	--	--	--	1	1
Transit and ground passenger transportation	--	--	--	--	--	1	1
Urban transit systems	--	--	--	--	--	1	1
Urban transit systems	--	--	--	--	--	1	1
Mixed mode transit systems	--	--	--	--	--	1	1
Educational and health services	5	4	3	--	--	--	--
Educational services	4	3	--	--	--	--	--
Educational services	4	3	--	--	--	--	--
Elementary and secondary schools	4	3	--	--	--	--	--
Elementary and secondary schools	4	3	--	--	--	--	--
Public administration	18	8	7	--	--	7	6
Public administration	18	8	7	--	--	7	6
Justice, public order, and safety activities	18	8	7	--	--	7	6
Justice, public order, and safety activities	18	8	7	--	--	7	6
Police protection	16	7	6	--	--	7	6

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2016

Industry ¹	Total fatal injuries (number)	Transportation incidents ²				Homicides ²	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional

¹ CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For more information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>.

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 Includes fatal injuries to workers employed by governmental organizations regardless of industry.

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. 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, December 08, 2017

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Texas, 2016

Industry ¹	Fatal injuries		Private sector wage and salary workers ²		Government workers ³		Self-employed workers ⁴	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total	545	100.0	397	100.0	62	100.0	86	100.0
Goods producing	226	41.5	187	47.1	3	4.8	36	41.9
Natural resources and mining	54	9.9	44	11.1	--	--	10	11.6
Agriculture, forestry, fishing and hunting	19	3.5	10	2.5	--	--	9	10.5
Crop production	4	.7	3	.8	--	--	--	--
Greenhouse, nursery, and floriculture production	1	.2	1	.3	--	--	--	--
Nursery and floriculture production	1	.2	1	.3	--	--	--	--
Nursery and tree production	1	.2	1	.3	--	--	--	--
Animal production and aquaculture	10	1.8	4	1.0	--	--	6	7.0
Cattle ranching and farming	10	1.8	4	1.0	--	--	6	7.0
Beef cattle ranching and farming, including feedlots	10	1.8	4	1.0	--	--	6	7.0
Beef cattle ranching and farming	4	.7	--	--	--	--	3	3.5
Fishing, hunting and trapping	--	--	--	--	--	--	1	1.2
Fishing	1	.2	--	--	--	--	1	1.2
Fishing	1	.2	--	--	--	--	1	1.2
Finfish fishing	1	.2	--	--	--	--	1	1.2
Support activities for agriculture and forestry	3	.6	--	--	--	--	1	1.2
Support activities for crop production	3	.6	--	--	--	--	1	1.2
Support activities for crop production	3	.6	--	--	--	--	1	1.2
Soil preparation, planting, and cultivating	--	--	--	--	--	--	1	1.2
Mining⁵	35	6.4	34	8.6	--	--	1	1.2
Oil and gas extraction	3	.6	3	.8	--	--	--	--
Oil and gas extraction	3	.6	3	.8	--	--	--	--
Oil and gas extraction	3	.6	3	.8	--	--	--	--
Crude petroleum and natural gas extraction	3	.6	3	.8	--	--	--	--
Support activities for mining	31	5.7	30	7.6	--	--	1	1.2
Support activities for mining	31	5.7	30	7.6	--	--	1	1.2
Support activities for mining	31	5.7	30	7.6	--	--	1	1.2
Drilling oil and gas wells	4	.7	4	1.0	--	--	--	--

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Texas, 2016

Industry ¹	Fatal injuries		Private sector wage and salary workers ²		Government workers ³		Self-employed workers ⁴	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Support activities for oil and gas operations	26	4.8	26	6.5	--	--	--	--
Support activities for nonmetallic minerals (except fuels)	1	.2	--	--	--	--	1	1.2
Construction	136	25.0	109	27.5	3	4.8	24	27.9
Construction	136	25.0	109	27.5	3	4.8	24	27.9
Construction of buildings	17	3.1	13	3.3	--	--	4	4.7
Residential building construction	12	2.2	8	2.0	--	--	4	4.7
Residential building construction	12	2.2	8	2.0	--	--	4	4.7
New single-family housing construction (except for-sale builders)	3	.6	3	.8	--	--	--	--
Residential remodelers	8	1.5	4	1.0	--	--	4	4.7
Nonresidential building construction	5	.9	5	1.3	--	--	--	--
Commercial and institutional building construction	4	.7	4	1.0	--	--	--	--
Heavy and civil engineering construction	30	5.5	26	6.5	3	4.8	1	1.2
Utility system construction	16	2.9	16	4.0	--	--	--	--
Water and sewer line and related structures construction	7	1.3	7	1.8	--	--	--	--
Oil and gas pipeline and related structures construction	6	1.1	6	1.5	--	--	--	--
Power and communication line and related structures construction	3	.6	3	.8	--	--	--	--
Highway, street, and bridge construction	10	1.8	6	1.5	3	4.8	1	1.2
Highway, street, and bridge construction	10	1.8	6	1.5	3	4.8	1	1.2
Other heavy and civil engineering construction	4	.7	4	1.0	--	--	--	--
Specialty trade contractors	89	16.3	70	17.6	--	--	19	22.1
Foundation, structure, and building exterior contractors	32	5.9	24	6.0	--	--	8	9.3
Poured concrete foundation and structure contractors	3	.6	--	--	--	--	--	--
Structural steel and precast concrete contractors	3	.6	3	.8	--	--	--	--
Framing contractors	6	1.1	4	1.0	--	--	--	--
Residential framing contractors	4	.7	--	--	--	--	--	--
Roofing contractors	14	2.6	11	2.8	--	--	3	3.5
Residential roofing contractors	7	1.3	5	1.3	--	--	--	--
Nonresidential roofing contractors	7	1.3	6	1.5	--	--	--	--
Building equipment contractors	27	5.0	24	6.0	--	--	3	3.5
Electrical contractors	14	2.6	14	3.5	--	--	--	--
Nonresidential electrical contractors	8	1.5	8	2.0	--	--	--	--
Plumbing, heating, and air-conditioning contractors	11	2.0	8	2.0	--	--	3	3.5

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Texas, 2016

Industry ¹	Fatal injuries		Private sector wage and salary workers ²		Government workers ³		Self-employed workers ⁴	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Residential plumbing, heating, and air-conditioning contractors	6	1.1	4	1.0	--	--	--	--
Nonresidential plumbing, heating, and air-conditioning contractors	4	.7	3	.8	--	--	--	--
Building finishing contractors	13	2.4	8	2.0	--	--	5	5.8
Painting and wall covering contractors	6	1.1	4	1.0	--	--	--	--
Residential painting and wall covering contractors	2	.4	1	.3	--	--	1	1.2
Nonresidential painting and wall covering contractors	3	.6	--	--	--	--	--	--
Other specialty trade contractors	17	3.1	14	3.5	--	--	3	3.5
Site preparation contractors	4	.7	4	1.0	--	--	--	--
All other specialty trade contractors	13	2.4	10	2.5	--	--	3	3.5
All other residential specialty trade contractors	3	.6	--	--	--	--	--	--
All other nonresidential specialty trade contractors	5	.9	5	1.3	--	--	--	--
Manufacturing	36	6.6	34	8.6	--	--	--	--
Manufacturing	36	6.6	34	8.6	--	--	--	--
Wood product manufacturing	3	.6	3	.8	--	--	--	--
Nonmetallic mineral product manufacturing	8	1.5	8	2.0	--	--	--	--
Cement and concrete product manufacturing	6	1.1	6	1.5	--	--	--	--
Ready-mix concrete manufacturing	4	.7	4	1.0	--	--	--	--
Fabricated metal product manufacturing	6	1.1	5	1.3	--	--	1	1.2
Architectural and structural metals manufacturing	--	--	--	--	--	--	1	1.2
Ornamental and architectural metal products manufacturing	1	.2	--	--	--	--	1	1.2
Ornamental and architectural metal work manufacturing	1	.2	--	--	--	--	1	1.2
Machinery manufacturing	3	.6	3	.8	--	--	--	--
Transportation equipment manufacturing	4	.7	4	1.0	--	--	--	--
Miscellaneous manufacturing	3	.6	3	.8	--	--	--	--
Other miscellaneous manufacturing	3	.6	3	.8	--	--	--	--
Service providing	319	58.5	210	52.9	59	95.2	50	58.1
Trade, transportation, and utilities	140	25.7	108	27.2	8	12.9	24	27.9
Utilities	9	1.7	5	1.3	4	6.5	--	--

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Texas, 2016

Industry ¹	Fatal injuries		Private sector wage and salary workers ²		Government workers ³		Self-employed workers ⁴	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Utilities	9	1.7	5	1.3	4	6.5	--	--
Electric power generation, transmission and distribution	4	.7	4	1.0	--	--	--	--
Electric power transmission, control, and distribution	3	.6	3	.8	--	--	--	--
Electric power distribution	3	.6	3	.8	--	--	--	--
Water, sewage and other systems	5	.9	1	.3	4	6.5	--	--
Water supply and irrigation systems	3	.6	1	.3	--	--	--	--
Wholesale trade	22	4.0	20	5.0	--	--	--	--
Merchant wholesalers, durable goods	11	2.0	10	2.5	--	--	--	--
Machinery, equipment, and supplies merchant wholesalers	4	.7	4	1.0	--	--	--	--
Industrial machinery and equipment merchant wholesalers	4	.7	4	1.0	--	--	--	--
Merchant wholesalers, nondurable goods	11	2.0	10	2.5	--	--	1	1.2
Grocery and related product wholesalers	3	.6	3	.8	--	--	--	--
Petroleum and petroleum products merchant wholesalers	3	.6	3	.8	--	--	--	--
Petroleum and petroleum products merchant wholesalers (except bulk stations and terminals)	3	.6	3	.8	--	--	--	--
Miscellaneous nondurable goods merchant wholesalers	3	.6	--	--	--	--	1	1.2
Farm supplies merchant wholesalers	--	--	--	--	--	--	1	1.2
Paint, varnish, and supplies merchant wholesalers	1	.2	1	.3	--	--	--	--
Retail trade	21	3.9	19	4.8	--	--	2	2.3
Motor vehicle and parts dealers	4	.7	3	.8	--	--	1	1.2
Automobile dealers	--	--	--	--	--	--	1	1.2
Used car dealers	1	.2	--	--	--	--	1	1.2
Food and beverage stores	4	.7	4	1.0	--	--	--	--
Grocery stores	3	.6	3	.8	--	--	--	--
Convenience stores	1	.2	1	.3	--	--	--	--
Gasoline stations	6	1.1	5	1.3	--	--	1	1.2
Gasoline stations	6	1.1	5	1.3	--	--	1	1.2
Gasoline stations with convenience stores	6	1.1	5	1.3	--	--	1	1.2
General merchandise stores	4	.7	4	1.0	--	--	--	--
Department stores	1	.2	1	.3	--	--	--	--
Department stores	1	.2	1	.3	--	--	--	--
Discount department stores	1	.2	1	.3	--	--	--	--
Other general merchandise stores	3	.6	3	.8	--	--	--	--

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Texas, 2016

Industry ¹	Fatal injuries		Private sector wage and salary workers ²		Government workers ³		Self-employed workers ⁴	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Transportation and warehousing	88	16.1	64	16.1	4	6.5	20	23.3
Truck transportation	64	11.7	49	12.3	--	--	15	17.4
General freight trucking	41	7.5	34	8.6	--	--	7	8.1
General freight trucking, local	9	1.7	8	2.0	--	--	--	--
General freight trucking, long-distance	32	5.9	26	6.5	--	--	6	7.0
General freight trucking, long-distance, truckload	26	4.8	21	5.3	--	--	5	5.8
General freight trucking, long-distance, less than truckload	5	.9	5	1.3	--	--	--	--
Specialized freight trucking	23	4.2	15	3.8	--	--	8	9.3
Specialized freight (except used goods) trucking, local	9	1.7	5	1.3	--	--	4	4.7
Specialized freight (except used goods) trucking, long-distance	13	2.4	10	2.5	--	--	3	3.5
Transit and ground passenger transportation	6	1.1	3	.8	--	--	--	--
Taxi and limousine service	1	.2	--	--	--	--	--	--
Taxi service	1	.2	--	--	--	--	--	--
School and employee bus transportation	1	.2	1	.3	--	--	--	--
School and employee bus transportation	1	.2	1	.3	--	--	--	--
Scenic and sightseeing transportation	1	.2	--	--	--	--	1	1.2
Scenic and sightseeing transportation, other	1	.2	--	--	--	--	1	1.2
Support activities for transportation	5	.9	4	1.0	--	--	--	--
Support activities for road transportation	--	--	--	--	--	--	--	--
Motor vehicle towing	1	.2	--	--	--	--	--	--
Information	6	1.1	6	1.5	--	--	--	--
Information	6	1.1	6	1.5	--	--	--	--
Broadcasting (except internet)	1	.2	1	.3	--	--	--	--
Radio and television broadcasting	1	.2	1	.3	--	--	--	--
Radio broadcasting	1	.2	1	.3	--	--	--	--
Radio networks	1	.2	1	.3	--	--	--	--
Telecommunications	4	.7	4	1.0	--	--	--	--
Financial activities	9	1.7	9	2.3	--	--	--	--
Real estate and rental and leasing	7	1.3	7	1.8	--	--	--	--

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Texas, 2016

Industry ¹	Fatal injuries		Private sector wage and salary workers ²		Government workers ³		Self-employed workers ⁴	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Real estate	--	--	--	--	--	--	--	--
Lessors of real estate	--	--	--	--	--	--	--	--
Lessors of miniwarehouses and self-storage units	1	.2	1	.3	--	--	--	--
Rental and leasing services	4	.7	4	1.0	--	--	--	--
Professional and business services	70	12.8	53	13.4	--	--	16	18.6
Professional and technical services	12	2.2	11	2.8	--	--	1	1.2
Professional, scientific, and technical services	12	2.2	11	2.8	--	--	1	1.2
Legal services	1	.2	--	--	--	--	1	1.2
Other legal services	1	.2	--	--	--	--	1	1.2
Architectural, engineering, and related services	6	1.1	6	1.5	--	--	--	--
Engineering services	4	.7	4	1.0	--	--	--	--
Administrative and waste services	58	10.6	42	10.6	--	--	15	17.4
Administrative and support services	44	8.1	29	7.3	--	--	15	17.4
Employment services	11	2.0	11	2.8	--	--	--	--
Temporary help services	11	2.0	11	2.8	--	--	--	--
Investigation and security services	9	1.7	4	1.0	--	--	5	5.8
Investigation, guard, and armored car services	7	1.3	3	.8	--	--	4	4.7
Security guards and patrol services	5	.9	--	--	--	--	4	4.7
Security systems services	--	--	--	--	--	--	1	1.2
Security systems services (except locksmiths)	1	.2	--	--	--	--	1	1.2
Services to buildings and dwellings	22	4.0	12	3.0	--	--	10	11.6
Landscaping services	19	3.5	10	2.5	--	--	9	10.5
Waste management and remediation services	14	2.6	13	3.3	--	--	--	--
Waste collection	5	.9	5	1.3	--	--	--	--
Waste collection	5	.9	5	1.3	--	--	--	--
Solid waste collection	4	.7	4	1.0	--	--	--	--
Waste treatment and disposal	--	--	1	.3	--	--	--	--
Waste treatment and disposal	--	--	1	.3	--	--	--	--
Remediation and other waste management services	7	1.3	7	1.8	--	--	--	--
All other waste management services	5	.9	5	1.3	--	--	--	--

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Texas, 2016

Industry ¹	Fatal injuries		Private sector wage and salary workers ²		Government workers ³		Self-employed workers ⁴	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Educational and health services	20	3.7	6	1.5	9	14.5	5	5.8
Educational services	12	2.2	1	.3	7	11.3	4	4.7
Educational services	12	2.2	1	.3	7	11.3	4	4.7
Elementary and secondary schools	4	.7	--	--	4	6.5	--	--
Elementary and secondary schools	4	.7	--	--	4	6.5	--	--
Colleges, universities, and professional schools	3	.6	--	--	3	4.8	--	--
Colleges, universities, and professional schools	3	.6	--	--	3	4.8	--	--
Technical and trade schools	5	.9	1	.3	--	--	4	4.7
Technical and trade schools	5	.9	1	.3	--	--	4	4.7
Flight training	5	.9	1	.3	--	--	4	4.7
Health care and social assistance	8	1.5	5	1.3	--	--	1	1.2
Ambulatory health care services	1	.2	--	--	--	--	1	1.2
Offices of other health practitioners	1	.2	--	--	--	--	1	1.2
Offices of chiropractors	1	.2	--	--	--	--	1	1.2
Hospitals	3	.6	--	--	--	--	--	--
Psychiatric and substance abuse hospitals	1	.2	1	.3	--	--	--	--
Psychiatric and substance abuse hospitals	1	.2	1	.3	--	--	--	--
Nursing and residential care facilities	3	.6	--	--	--	--	--	--
Leisure and hospitality	22	4.0	17	4.3	--	--	3	3.5
Arts, entertainment, and recreation	10	1.8	7	1.8	--	--	1	1.2
Performing arts, spectator sports, and related industries	4	.7	--	--	--	--	1	1.2
Promoters of performing arts, sports, and similar events	1	.2	1	.3	--	--	--	--
Promoters of performing arts, sports, and similar events with facilities	1	.2	1	.3	--	--	--	--
Independent artists, writers, and performers	1	.2	--	--	--	--	1	1.2
Independent artists, writers, and performers	1	.2	--	--	--	--	1	1.2
Amusement, gambling, and recreation industries	4	.7	4	1.0	--	--	--	--
Gambling industries	1	.2	--	--	--	--	--	--
Other amusement and recreation industries	3	.6	3	.8	--	--	--	--

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Texas, 2016

Industry ¹	Fatal injuries		Private sector wage and salary workers ²		Government workers ³		Self-employed workers ⁴	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Accommodation and food services	12	2.2	10	2.5	--	--	--	--
Accommodation	3	.6	3	.8	--	--	--	--
Traveler accommodation	3	.6	3	.8	--	--	--	--
Hotels (except casino hotels) and motels	3	.6	3	.8	--	--	--	--
Food services and drinking places	9	1.7	7	1.8	--	--	--	--
Drinking places (alcoholic beverages)	2	.4	2	.5	--	--	--	--
Drinking places (alcoholic beverages)	2	.4	2	.5	--	--	--	--
Restaurants and other eating places	7	1.3	5	1.3	--	--	--	--
Restaurants and other eating places	7	1.3	5	1.3	--	--	--	--
Limited-service restaurants	5	.9	3	.8	--	--	--	--
Other services, except public administration	13	2.4	11	2.8	--	--	2	2.3
Other services, except public administration	13	2.4	11	2.8	--	--	2	2.3
Repair and maintenance	10	1.8	8	2.0	--	--	2	2.3
Automotive repair and maintenance	7	1.3	6	1.5	--	--	1	1.2
Automotive mechanical and electrical repair and maintenance	6	1.1	5	1.3	--	--	1	1.2
General automotive repair	5	.9	4	1.0	--	--	1	1.2
Commercial machinery repair and maintenance	--	--	--	--	--	--	1	1.2
Commercial machinery repair and maintenance	--	--	--	--	--	--	1	1.2
Religious, grantmaking, civic, professional, and similar organizations	1	.2	1	.3	--	--	--	--
Religious organizations	1	.2	1	.3	--	--	--	--
Religious organizations	1	.2	1	.3	--	--	--	--
Public administration	39	7.2	--	--	39	62.9	--	--
Public administration	39	7.2	--	--	39	62.9	--	--
Justice, public order, and safety activities	20	3.7	--	--	20	32.3	--	--
Justice, public order, and safety activities	20	3.7	--	--	20	32.3	--	--
Police protection	17	3.1	--	--	17	27.4	--	--
National security and international affairs	18	3.3	--	--	18	29.0	--	--
National security and international affairs	18	3.3	--	--	18	29.0	--	--

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Texas, 2016

Industry ¹	Fatal injuries		Private sector wage and salary workers ²		Government workers ³		Self-employed workers ⁴	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
National security	17	3.1	--	--	17	27.4	--	--
International affairs	1	.2	--	--	1	1.6	--	--

¹ CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For more information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>.

² May include volunteers and workers receiving other types of compensation.

³ Includes fatal injuries to workers employed by governmental organizations regardless of industry.

⁴ Includes self-employed workers, owners of unincorporated businesses and farms, paid and unpaid family workers, and may include some owners of incorporated businesses or members of partnerships.

⁵ 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.

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. 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, December 08, 2017

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry ¹ sector, Texas, 2016

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	Educational and health services	Leisure and hospitality	Other services
Total	545	223	54	133	36	260	132	6	9	69	11	20	13
Primary Source⁴													
Chemicals and chemical products	14	8	--	5	--	3	--	--	--	--	--	--	--
Aromatics and hydrocarbon derivatives, except halogenated	1	1	--	1	--	--	--	--	--	--	--	--	--
Aromatics	1	1	--	1	--	--	--	--	--	--	--	--	--
Toluene	1	1	--	1	--	--	--	--	--	--	--	--	--
Chemical products--general	10	6	--	3	--	3	--	--	--	--	--	--	--
Drugs, alcohol, and medicines	8	4	--	3	--	3	--	--	--	--	--	--	--
Drugs--nonmedicinal	6	4	--	3	--	--	--	--	--	--	--	--	--
Medicines, except vaccines	--	--	--	--	--	1	--	--	--	--	--	1	--
Containers, furniture, and fixtures	10	8	--	5	--	--	--	--	--	--	--	--	--
Containers	8	6	--	4	--	--	--	--	--	--	--	--	--
Containers--nonpressurized	6	4	--	--	--	--	--	--	--	--	--	--	--
Furniture and fixtures	--	--	--	--	--	--	--	--	--	--	--	--	--
Cases, cabinets, racks, shelves	1	--	--	--	--	--	--	--	--	--	--	--	--
Cages, cage racks	1	--	--	--	--	--	--	--	--	--	--	--	--
Machinery	42	24	6	14	4	17	3	--	--	6	--	--	4
Construction, logging, and mining machinery	16	11	4	7	--	4	--	--	--	3	--	--	--
Excavating machinery	5	5	--	5	--	--	--	--	--	--	--	--	--
Backhoes, trackhoes	4	4	--	4	--	--	--	--	--	--	--	--	--
Bulldozers	1	--	--	--	--	--	--	--	--	--	--	--	--
Loaders	5	--	--	--	--	3	--	--	--	--	--	--	--
Skid steer loaders, mini loaders	4	--	--	--	--	3	--	--	--	--	--	--	--
Mining and drilling machinery	4	4	--	--	--	--	--	--	--	--	--	--	--
Oil drilling rigs and machinery	4	4	--	--	--	--	--	--	--	--	--	--	--
Heating, cooling, and cleaning machinery and appliances	4	--	--	--	--	3	--	--	--	--	--	--	--
Cooling and humidifying machinery and appliances	3	--	--	--	--	--	--	--	--	--	--	--	--
Air conditioning units	3	--	--	--	--	--	--	--	--	--	--	--	--
Material and personnel handling machinery	11	6	--	5	--	5	3	--	--	--	--	--	1
Conveyors--powered	5	--	--	--	--	4	3	--	--	--	--	--	--
Conveyors--belt	3	--	--	--	--	--	--	--	--	--	--	--	--
Cranes	--	--	--	--	--	1	--	--	--	--	--	--	1
Cranes--truck-mounted	1	--	--	--	--	1	--	--	--	--	--	--	1
Elevators, hoists, aerial lifts, personnel platforms--except truck-mounted	4	4	--	4	--	--	--	--	--	--	--	--	--
Metal, woodworking, and special material machinery	5	5	--	--	4	--	--	--	--	--	--	--	--
Parts and materials	31	27	6	14	7	4	--	--	--	--	--	--	--
Building materials--solid elements	10	9	3	--	4	--	--	--	--	--	--	--	--
Pipes, ducts, tubing	6	5	--	--	--	--	--	--	--	--	--	--	--
Metal pipes, tubing	3	3	--	--	--	--	--	--	--	--	--	--	--
Fasteners, connectors, ropes, ties	3	--	--	--	--	--	--	--	--	--	--	--	--
Fasteners	1	1	--	1	--	--	--	--	--	--	--	--	--
Nails, brads, tacks, nuts, bolts, washers	1	1	--	1	--	--	--	--	--	--	--	--	--
Machine, tool, and electric parts	14	12	--	10	--	--	--	--	--	--	--	--	--
Electric parts	13	11	--	10	--	--	--	--	--	--	--	--	--
Electrical wiring--building	6	5	--	5	--	1	--	--	--	1	--	--	--
Power lines, transformers, convertors	4	3	--	3	--	--	--	--	--	--	--	--	--
Switchboards, switches, fuses	3	3	--	--	--	--	--	--	--	--	--	--	--
Persons, plants, animals, and minerals	83	10	3	4	3	55	21	--	1	17	4	9	--
Animals	6	--	--	--	--	3	--	--	--	--	--	1	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry ¹ sector, Texas, 2016

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	Educational and health services	Leisure and hospitality	Other services
Insects, arachnids, mites	4	--	--	--	--	--	--	--	--	--	--	--	--
Bees, hornets, wasps	4	--	--	--	--	--	--	--	--	--	--	--	--
Mammals, except humans	2	--	--	--	--	2	--	--	--	1	--	1	--
Dogs, canines--domestic	1	--	--	--	--	1	--	--	--	1	--	--	--
Cattle and other bovines	1	--	--	--	--	1	--	--	--	--	--	1	--
Person--injured or ill worker	24	5	--	--	--	12	5	--	1	4	--	--	--
Person--other than injured or ill worker	45	1	--	1	--	34	16	--	--	5	--	8	--
Relative or domestic partner of injured or ill worker	2	--	--	--	--	2	1	--	--	--	--	1	--
Spouse or domestic partner of injured or ill worker	2	--	--	--	--	2	1	--	--	--	--	1	--
Co-worker or work associate of injured or ill worker	6	--	--	--	--	5	4	--	--	--	--	--	--
Co-worker	4	--	--	--	--	3	--	--	--	--	--	--	--
Former co-worker	2	--	--	--	--	2	2	--	--	--	--	--	--
Other client or customer	2	--	--	--	--	--	--	--	--	1	--	--	--
Assailant, suspect, inmate	25	1	--	1	--	15	9	1	--	3	--	--	--
Robber	15	1	--	1	--	14	9	--	--	3	--	--	--
Plants, trees, vegetation--not processed	5	1	1	--	--	4	--	--	--	4	--	--	--
Shrubs, grasses	1	1	1	--	--	--	--	--	--	--	--	--	--
Trees, logs, limbs	4	--	--	--	--	4	--	--	--	4	--	--	--
Structures and surfaces	57	40	--	33	5	15	7	--	--	5	--	--	--
Confined spaces	4	3	--	3	--	--	--	--	--	--	--	--	--
Ditches, channels, trenches, excavations	3	3	--	3	--	--	--	--	--	--	--	--	--
Buildings--office, plant, residential	5	--	--	1	--	3	--	--	--	--	--	--	--
Structures other than buildings	7	6	--	5	--	--	--	--	--	--	--	--	--
Scaffolds, staging	5	5	--	4	--	--	--	--	--	--	--	--	--
Other structural elements	21	19	--	19	--	--	--	--	--	--	--	--	--
Roofs	17	16	--	16	--	--	--	--	--	--	--	--	--
Roof edges	14	13	--	13	--	--	--	--	--	--	--	--	--
Floors, walkways, ground surfaces	19	10	--	5	3	8	5	--	--	--	--	--	--
Floors	9	5	1	--	--	4	3	--	--	--	--	--	--
Ground	3	3	--	--	--	--	--	--	--	--	--	--	--
Parking lots	5	--	--	--	--	3	1	--	--	--	--	--	--
Parking lot--paved	4	--	--	--	--	3	1	--	--	--	--	--	--
Tools, instruments, and equipment	29	15	--	12	--	14	3	--	--	7	--	--	1
Handtools--nonpowered	4	--	--	--	--	3	--	--	--	--	--	--	--
Cutting handtools--nonpowered	--	--	--	--	--	--	--	--	--	--	--	--	--
Scissors, snips, shears--nonpowered	1	--	--	--	--	1	--	--	--	1	--	--	--
Ladders	24	14	--	12	1	10	--	--	--	5	--	--	1
Movable--ladders	22	13	--	11	1	9	--	--	--	4	--	--	1
Extension ladders	6	--	--	--	1	4	--	--	--	--	--	--	--
Step ladders	4	4	--	3	--	--	--	--	--	--	--	--	--
Vehicles	267	84	29	42	13	147	96	--	4	29	5	6	5
Aircraft	11	--	1	--	--	6	1	--	--	--	5	--	--
Airplanes--powered fixed wing	5	1	1	--	--	4	--	--	--	--	4	--	--
Airplane--propeller-driven or piston engine	5	1	1	--	--	4	--	--	--	--	4	--	--
Aircraft--powered rotary wing	5	--	--	--	--	1	--	--	--	--	1	--	--
Helicopter	5	--	--	--	--	1	--	--	--	--	1	--	--
Water vehicle	5	2	1	1	--	3	--	--	--	--	--	--	--
Commercial fishing vessel	1	1	1	--	--	--	--	--	--	--	--	--	--
Tugboat, towboat	--	1	--	1	--	--	--	--	--	--	--	--	--
Highway vehicles, motorized	220	66	21	36	9	130	88	--	3	28	--	5	4
Passenger vehicle--automobiles, buses, and passenger vans	45	7	--	7	--	22	8	--	--	8	--	4	1
Ambulance, police, and other emergency passenger vehicle	9	--	--	--	--	--	--	--	--	--	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry ¹ sector, Texas, 2016

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	Educational and health services	Leisure and hospitality	Other services
Automobile	26	7	--	7	--	15	4	--	--	7	--	--	1
Bus	4	--	--	--	--	--	--	--	--	--	--	--	--
Passenger van	6	--	--	--	--	6	3	--	--	--	--	--	--
Trucks--motorized freight hauling and utility	122	29	12	11	6	88	70	--	1	14	--	--	--
Semi, tractor-trailer, tanker truck	82	17	11	--	4	65	61	--	1	3	--	--	--
Dump truck	9	--	--	--	--	3	--	--	--	--	--	--	--
Garbage, recycling, or refuse truck	5	--	--	--	--	4	--	--	--	4	--	--	--
Delivery truck or van	15	4	--	4	--	10	6	--	--	3	--	--	--
Cement truck, concrete mixer truck	4	4	--	--	--	--	--	--	--	--	--	--	--
Tow truck	--	--	--	--	--	--	1	--	--	--	--	--	--
Multi-purpose highway vehicles	53	30	9	18	3	20	10	--	--	6	--	--	2
Pickup truck	47	25	9	13	3	19	10	--	--	6	--	--	2
SUV, sports utility vehicle	6	5	--	5	--	--	--	--	--	--	--	--	--
Off-road or industrial vehicles--powered	18	13	6	5	--	4	--	--	--	1	--	--	--
Off-road passenger vehicles--powered	1	1	1	--	--	--	--	--	--	--	--	--	--
ATV, all terrain vehicle	1	1	1	--	--	--	--	--	--	--	--	--	--
Industrial vehicles, material hauling and transport--powered	10	7	--	5	--	--	--	--	--	--	--	--	--
Forklift, order picker, platform truck--powered	9	7	--	5	--	--	--	--	--	--	--	--	--
Tractors, PTOs	7	5	5	--	--	--	--	--	--	1	--	--	--
Farm tractor	6	5	5	--	--	--	--	--	--	--	--	--	--
Other vehicles	9	--	--	--	--	--	--	--	--	--	--	--	--
Armored personnel carrier	9	--	--	--	--	--	--	--	--	--	--	--	--
Other sources	12	7	--	4	--	3	--	--	--	--	--	--	--
Environmental and elemental conditions	10	6	--	4	--	--	--	--	--	--	--	--	--
Fire, flame, smoke	1	--	--	--	--	--	--	--	--	--	--	--	--
Temperature extremes--environmental	5	--	--	--	--	--	--	--	--	--	--	--	--
Heat--environmental	5	--	--	--	--	--	--	--	--	--	--	--	--
Weather and atmospheric conditions	1	1	--	1	--	--	--	--	--	--	--	--	--
Lightning	1	1	--	1	--	--	--	--	--	--	--	--	--
Secondary Source⁵													
Chemicals and chemical products	8	5	--	4	--	3	--	--	--	--	--	--	--
Coal, natural gas, petroleum fuels and products	5	--	--	--	--	--	--	--	--	--	--	--	--
Petroleum fuels, distillates, and products, n.e.c.	4	--	--	--	--	1	1	--	--	--	--	--	--
Lubricating greases, cutting oils	1	--	--	--	--	1	1	--	--	--	--	--	--
Containers, furniture, and fixtures	5	3	--	--	--	--	--	--	--	--	--	--	--
Containers	4	--	--	--	--	--	--	--	--	--	--	--	--
Containers--nonpressurized	3	--	--	--	--	--	--	--	--	--	--	--	--
Machinery	11	9	--	3	4	2	--	--	--	--	--	--	2
Construction, logging, and mining machinery	3	3	--	--	--	--	--	--	--	--	--	--	--
Material and personnel handling machinery	6	4	--	--	--	2	--	--	--	--	--	--	2
Jacks	2	--	--	--	--	2	--	--	--	--	--	--	2
Parts and materials	22	9	3	5	--	11	6	--	--	5	--	--	--
Fasteners, connectors, ropes, ties	8	--	--	--	--	6	3	--	--	3	--	--	--
Ropes, ties, chains	8	--	--	--	--	6	3	--	--	3	--	--	--
Rope, twine, string	5	--	--	--	--	3	1	--	--	--	--	--	--
Machine, tool, and electric parts	10	5	--	5	--	5	3	--	--	--	--	--	--
Electric parts	10	5	--	5	--	5	3	--	--	--	--	--	--
Power lines, transformers, convertors	9	4	--	4	--	5	3	--	--	--	--	--	--
Vehicle and mobile equipment parts	3	3	--	--	--	--	--	--	--	--	--	--	--
Persons, plants, animals, and minerals	14	--	--	--	--	11	4	--	--	4	--	--	1

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry ¹ sector, Texas, 2016

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	Educational and health services	Leisure and hospitality	Other services
Nonmetallic minerals, except fuel	1	--	--	--	--	--	--	--	--	--	--	--	--
Sand, gravel	1	--	--	--	--	--	--	--	--	--	--	--	--
Plants, trees, vegetation--not processed	13	--	--	--	--	11	4	--	--	4	--	--	1
Trees, logs, limbs	13	--	--	--	--	11	4	--	--	4	--	--	1
Trees	11	--	--	--	--	9	4	--	--	--	--	--	1
Limbs, branches--unattached	2	--	--	--	--	2	--	--	--	2	--	--	--
Structures and surfaces	48	16	4	8	4	28	17	--	--	6	2	--	1
Confined spaces	5	4	--	--	--	--	--	--	--	--	--	--	--
Structures other than buildings	24	5	1	3	--	17	14	--	--	--	--	--	--
Bridges, dams, locks	5	--	--	--	--	3	--	--	--	--	--	--	--
Towers, poles	3	2	1	1	--	--	--	--	--	--	--	--	--
Telecommunications and cell phone towers	1	1	1	--	--	--	--	--	--	--	--	--	--
Other structures	15	--	--	--	--	13	12	--	--	--	--	--	--
Guardrails, road dividers	15	--	--	--	--	13	12	--	--	--	--	--	--
Other structural elements	8	4	--	--	--	4	--	--	--	--	--	--	1
Ceilings, walls	5	--	--	--	--	3	--	--	--	--	--	--	1
Walls	4	--	--	--	--	3	--	--	--	--	--	--	1
Floors, walkways, ground surfaces	7	--	--	--	--	4	--	--	--	--	2	--	--
Ground	4	--	--	--	--	2	--	--	--	--	2	--	--
Curbs, traffic calming bumps, embankments	3	--	--	--	--	--	--	--	--	--	--	--	--
Geographical structures	--	--	--	--	--	--	--	--	--	--	--	--	--
Water bodies--natural	--	--	--	--	--	--	--	--	--	--	--	--	--
Oceans	2	--	--	--	--	--	--	--	--	--	--	--	--
Tools, instruments, and equipment	56	5	--	--	--	37	19	1	1	7	--	8	--
Handtools--nonpowered	4	--	--	--	--	4	2	--	--	1	--	1	--
Cutting handtools--nonpowered	4	--	--	--	--	4	2	--	--	1	--	1	--
Knives, unspecified or n.e.c.	4	--	--	--	--	4	2	--	--	1	--	1	--
Handtools--powered	--	1	--	1	--	--	--	--	--	--	--	--	--
Striking and nailing handtools--powered	1	1	--	1	--	--	--	--	--	--	--	--	--
Nail guns--powered	1	1	--	1	--	--	--	--	--	--	--	--	--
Firearms, law enforcement, and other self-defense equipment	47	3	--	--	--	32	16	1	1	6	--	7	--
Firearms	47	3	--	--	--	32	16	1	1	6	--	7	--
Pistol, handgun, revolver	29	--	--	--	--	23	12	1	1	4	--	4	--
Rifle, shotgun	14	--	--	--	--	6	--	--	--	--	--	--	--
Vehicles	133	40	12	19	9	73	54	--	--	11	1	--	--
Aircraft	1	--	--	--	--	1	--	--	--	--	1	--	--
Airplanes--powered fixed wing	1	--	--	--	--	1	--	--	--	--	1	--	--
Airplane--propeller-driven or piston engine	1	--	--	--	--	1	--	--	--	--	1	--	--
Rail vehicles	8	--	--	--	--	7	7	--	--	--	--	--	--
Train, locomotive, rail car	8	--	--	--	--	7	7	--	--	--	--	--	--
Freight train	6	--	--	--	--	5	5	--	--	--	--	--	--
Passenger train, heavy rail	1	--	--	--	--	1	1	--	--	--	--	--	--
Highway vehicles, motorized	118	38	12	19	7	62	46	--	--	11	--	--	--
Passenger vehicle--automobiles, buses, and passenger vans	13	1	--	1	--	7	4	--	--	--	--	1	--
Automobile	10	1	--	1	--	4	--	--	--	--	--	1	--
Trucks--motorized freight hauling and utility	76	27	8	15	4	44	34	--	--	7	--	--	--
Semi, tractor-trailer, tanker truck	66	20	7	10	3	42	33	--	--	6	--	--	--
Delivery truck or van	5	--	--	--	--	--	--	--	--	--	--	--	--
Multi-purpose highway vehicles	29	10	4	3	3	11	8	--	--	3	--	--	--
Pickup truck	20	10	4	3	3	5	4	--	--	--	--	--	--
SUV, sports utility vehicle	9	--	--	--	--	6	4	--	--	--	--	--	--
Off-road or industrial vehicles--powered	4	--	--	--	--	--	--	--	--	--	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry ¹ sector, Texas, 2016

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	Educational and health services	Leisure and hospitality	Other services	
Industrial vehicles, material hauling and transport--powered	4	--	--	--	--	--	--	--	--	--	--	--	--	--
Forklift, order picker, platform truck--powered	4	--	--	--	--	--	--	--	--	--	--	--	--	--
Plant and industrial vehicles--nonpowered	1	--	--	--	--	--	--	--	--	--	--	--	--	--
Other sources	20	5	--	--	--	6	--	--	--	--	1	--	--	--
Environmental and elemental conditions	14	--	--	--	--	3	--	--	--	--	--	--	--	--
Flooding and other water sources	12	--	--	--	--	3	--	--	--	--	--	--	--	--
Flooding	12	--	--	--	--	3	--	--	--	--	--	--	--	--

¹ CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For more information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcfdef.htm>.

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, December 08, 2017

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Texas, 2016

Occupation ¹	Total fatal injuries (number)	Event or exposure ²					
		Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Total	545	74	244	10	90	50	75
Management occupations	13	6	--	1	--	--	3
Other management occupations	11	5	--	1	--	--	--
Farmers, ranchers, and other agricultural managers	7	--	--	1	--	--	--
Farmers, ranchers, and other agricultural managers	7	--	--	1	--	--	--
Property, real estate, and community association managers	1	1	--	--	--	--	--
Property, real estate, and community association managers	1	1	--	--	--	--	--
Business and financial operations occupations	6	--	3	--	--	--	--
Business operations specialists	5	--	--	--	--	--	--
Management analysts	3	--	--	--	--	--	--
Management analysts	3	--	--	--	--	--	--
Architecture and engineering occupations	7	--	5	--	--	--	--
Engineers	4	--	--	--	--	--	--
Mining and geological engineers, including mining safety engineers	1	--	--	--	--	--	--
Mining and geological engineers, including mining safety engineers	1	--	--	--	--	--	--
Community and social services occupations	--	--	--	--	--	--	--
Religious workers	1	--	--	--	--	--	--
Clergy	1	--	--	--	--	--	--
Clergy	1	--	--	--	--	--	--
Education, training, and library occupations	6	--	5	--	--	--	--
Postsecondary teachers	3	--	--	--	--	--	--
Arts, design, entertainment, sports, and media occupations	7	4	3	--	--	--	--
Art and design workers	1	1	--	--	--	--	--
Artists and related workers	1	1	--	--	--	--	--
Entertainers and performers, sports and related workers	2	1	1	--	--	--	--
Athletes, coaches, umpires, and related workers	1	1	--	--	--	--	--
Athletes and sports competitors	1	1	--	--	--	--	--
Musicians, singers, and related workers	1	--	1	--	--	--	--
Musicians and singers	1	--	1	--	--	--	--
Media and communication workers	3	2	1	--	--	--	--
Announcers	3	2	1	--	--	--	--
Radio and television announcers	2	2	--	--	--	--	--

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Texas, 2016

Occupation ¹	Total fatal injuries (number)	Event or exposure ²					
		Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Public address system and other announcers	1	--	1	--	--	--	--
Healthcare practitioners and technical occupations	6	3	--	--	--	--	--
Health diagnosing and treating practitioners	3	--	--	--	--	--	--
Chiropractors	1	--	--	--	--	--	--
Chiropractors	1	--	--	--	--	--	--
Physicians and surgeons	1	1	--	--	--	--	--
Psychiatrists	1	1	--	--	--	--	--
Protective service occupations	30	18	11	--	--	--	--
Law enforcement workers	17	9	8	--	--	--	--
Police officers	16	8	8	--	--	--	--
Police and sheriff's patrol officers	15	7	8	--	--	--	--
Other protective service workers	8	7	--	--	--	--	--
Security guards and gaming surveillance officers	8	7	--	--	--	--	--
Security guards	8	7	--	--	--	--	--
Building and grounds cleaning and maintenance occupations	28	4	7	--	8	6	3
Building cleaning and pest control workers	5	--	--	--	--	4	--
Building cleaning workers	5	--	--	--	--	4	--
Janitors and cleaners, except maids and housekeeping cleaners	3	--	--	--	--	--	--
Grounds maintenance workers	22	4	6	--	7	--	3
Grounds maintenance workers	22	4	6	--	7	--	3
Landscaping and groundskeeping workers	13	4	5	--	3	--	--
Tree trimmers and pruners	8	--	--	--	4	--	--
Sales and related occupations	22	15	--	--	4	--	--
Supervisors of sales workers	7	6	--	--	--	--	--
First-line supervisors of sales workers	7	6	--	--	--	--	--
First-line supervisors of retail sales workers	7	6	--	--	--	--	--
Retail sales workers	12	9	--	--	--	--	--
Cashiers	9	8	--	--	--	--	--
Cashiers	8	7	--	--	--	--	--
Sales representatives, wholesale and manufacturing	3	--	--	--	--	--	--
Sales representatives, wholesale and manufacturing	3	--	--	--	--	--	--
Office and administrative support occupations	8	4	4	--	--	--	--
Information and record clerks	--	1	--	--	--	--	--
Court, municipal, and license clerks	1	1	--	--	--	--	--
Court, municipal, and license clerks	1	1	--	--	--	--	--

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Texas, 2016

Occupation ¹	Total fatal injuries (number)	Event or exposure ²					
		Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Material recording, scheduling, dispatching, and distributing workers	5	3	--	--	--	--	--
Postal service workers	2	--	--	--	--	--	--
Postal service clerks	1	--	--	--	--	--	--
Postal service mail carriers	1	--	1	--	--	--	--
Farming, fishing, and forestry occupations	9	--	1	--	--	--	4
Agricultural workers	7	--	--	--	--	--	3
Miscellaneous agricultural workers	7	--	--	--	--	--	3
Farmworkers, farm, ranch, and aquacultural animals	5	--	--	--	--	--	3
Fishing and hunting workers	1	--	1	--	--	--	--
Fishers and related fishing workers	1	--	1	--	--	--	--
Fishers and related fishing workers	1	--	1	--	--	--	--
Construction and extraction occupations	132	4	35	5	47	19	22
Supervisors of construction and extraction workers	11	--	5	--	3	--	--
First-line supervisors of construction trades and extraction workers	11	--	5	--	3	--	--
First-line supervisors of construction trades and extraction workers	11	--	5	--	3	--	--
Construction trades workers	99	4	19	3	42	16	15
Carpenters	6	--	--	--	4	--	--
Carpenters	6	--	--	--	4	--	--
Construction laborers	49	--	12	--	18	5	10
Construction laborers	49	--	12	--	18	5	10
Construction equipment operators	4	--	3	--	--	--	--
Operating engineers and other construction equipment operators	4	--	3	--	--	--	--
Electricians	12	--	--	--	6	5	--
Electricians	12	--	--	--	6	5	--
Painters and paperhangers	5	--	1	--	--	1	--
Painters, construction and maintenance	5	--	1	--	--	1	--
Pipelayers, plumbers, pipefitters, and steamfitters	3	--	--	--	--	--	--
Roofers	12	--	--	--	10	1	--
Roofers	12	--	--	--	10	1	--
Other construction and related workers	7	--	5	--	--	--	1
Fence erectors	1	--	--	--	--	--	1
Fence erectors	1	--	--	--	--	--	1
Septic tank servicers and sewer pipe cleaners	3	--	3	--	--	--	--

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Texas, 2016

Occupation ¹	Total fatal injuries (number)	Event or exposure ²					
		Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Septic tank servicers and sewer pipe cleaners	3	--	3	--	--	--	--
Extraction workers	14	--	6	--	--	--	6
Roustabouts, oil and gas	4	--	--	--	--	--	--
Roustabouts, oil and gas	4	--	--	--	--	--	--
Miscellaneous extraction workers	8	--	--	--	--	--	4
Installation, maintenance, and repair occupations	63	--	24	--	9	14	14
Electrical and electronic equipment mechanics, installers, and repairers	6	--	3	--	--	1	--
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	4	--	--	--	--	1	--
Security and fire alarm systems installers	1	--	--	--	--	1	--
Vehicle and mobile equipment mechanics, installers, and repairers	15	--	3	--	--	--	10
Automotive technicians and repairers	7	--	--	--	--	--	4
Automotive service technicians and mechanics	6	--	--	--	--	--	4
Heavy vehicle and mobile equipment service technicians and mechanics	7	--	--	--	--	--	5
Mobile heavy equipment mechanics, except engines	5	--	--	--	--	--	3
Other installation, maintenance, and repair occupations	40	--	17	--	8	12	--
Heating, air conditioning, and refrigeration mechanics and installers	8	--	--	--	--	4	--
Heating, air conditioning, and refrigeration mechanics and installers	8	--	--	--	--	4	--
Industrial machinery installation, repair, and maintenance workers	6	--	4	--	--	--	--
Line installers and repairers	9	--	3	--	--	4	--
Electrical power-line installers and repairers	3	--	--	--	--	--	--
Telecommunications line installers and repairers	6	--	--	--	--	--	--
Maintenance and repair workers, general	10	--	3	--	4	--	--
Maintenance and repair workers, general	10	--	3	--	4	--	--
Miscellaneous installation, maintenance, and repair workers	6	--	5	--	--	--	--
Helpers--installation, maintenance, and repair workers	1	--	--	--	--	--	--
Production occupations	27	--	6	--	7	--	10
Supervisors of production workers	3	--	--	--	--	--	--
First-line supervisors of production and operating workers	3	--	--	--	--	--	--
First-line supervisors of production and operating workers	3	--	--	--	--	--	--
Metal workers and plastic workers	13	--	--	--	5	--	7
Welding, soldering, and brazing workers	9	--	--	--	4	--	4

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Texas, 2016

Occupation ¹	Total fatal injuries (number)	Event or exposure ²					
		Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Welders, cutters, solderers, and brazers	8	--	--	--	3	--	4
Other production occupations	6	--	--	--	--	--	--
Transportation and material moving occupations	155	5	120	--	8	4	17
Supervisors, transportation and material moving workers	4	--	--	--	--	--	--
First-line supervisors of helpers, laborers, and material movers, hand	3	--	--	--	--	--	--
First-line supervisors of helpers, laborers, and material movers, hand	3	--	--	--	--	--	--
Air transportation workers	9	--	9	--	--	--	--
Aircraft pilots and flight engineers	9	--	9	--	--	--	--
Commercial pilots	9	--	9	--	--	--	--
Motor vehicle operators	115	3	99	--	4	--	7
Bus drivers	4	--	--	--	--	--	--
Driver/sales workers and truck drivers	106	--	93	--	4	--	5
Driver/sales workers	6	--	5	--	--	--	--
Heavy and tractor-trailer truck drivers	91	1	79	--	4	--	5
Light truck or delivery services drivers	9	--	9	--	--	--	--
Taxi drivers and chauffeurs	3	--	--	--	--	--	--
Taxi drivers and chauffeurs	3	--	--	--	--	--	--
Material moving workers	22	--	7	--	3	--	9
Laborers and material movers, hand	11	--	--	--	3	--	5
Laborers and freight, stock, and material movers, hand	8	--	--	--	--	--	5
Refuse and recyclable material collectors	5	--	3	--	--	--	--
Refuse and recyclable material collectors	5	--	3	--	--	--	--
Military specific occupations⁵	16	4	11	--	--	1	--

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Texas, 2016

Occupation ¹	Total fatal injuries (number)	Event or exposure ²					
		Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment

¹ CFOI has used several versions of the Standard Occupation Classification (SOC) system since 2003 to define occupation. For more information on the version of SOC used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>.

² Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

³ Includes violence by persons, self-inflicted injury, and attacks by animals.

⁴ Includes roadway, nonroadway, air, water, rail fatal occupational injuries, and fatal occupational injuries resulting from being struck by a vehicle.

⁵ Includes fatal injuries to persons identified as resident armed forces regardless of individual occupation listed.

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. 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, December 08, 2017

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Texas, 2016

Occupation ¹	Total fatal injuries (number)	Transportation incidents ²				Homicides ²	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Total	545	244	169	10	42	45	34
Management occupations	13	--	--	--	--	--	--
Other management occupations	11	--	--	--	--	--	--
Farmers, ranchers, and other agricultural managers	7	--	--	--	--	--	--
Farmers, ranchers, and other agricultural managers	7	--	--	--	--	--	--
Property, real estate, and community association managers	1	--	--	--	--	--	--
Property, real estate, and community association managers	1	--	--	--	--	--	--
Business and financial operations occupations	6	3	--	--	--	--	--
Business operations specialists	5	--	--	--	--	--	--
Management analysts	3	--	--	--	--	--	--
Management analysts	3	--	--	--	--	--	--
Architecture and engineering occupations	7	5	--	--	3	--	--
Engineers	4	--	--	--	--	--	--
Mining and geological engineers, including mining safety engineers	1	--	--	--	--	--	--
Mining and geological engineers, including mining safety engineers	1	--	--	--	--	--	--
Community and social services occupations	--	--	--	--	--	--	--
Religious workers	1	--	--	--	--	--	--
Clergy	1	--	--	--	--	--	--
Clergy	1	--	--	--	--	--	--
Education, training, and library occupations	6	5	4	--	--	--	--
Postsecondary teachers	3	--	--	--	--	--	--
Arts, design, entertainment, sports, and media occupations	7	3	3	--	--	3	2
Art and design workers	1	--	--	--	--	1	1
Artists and related workers	1	--	--	--	--	1	1
Entertainers and performers, sports and related workers	2	1	1	--	--	--	--
Athletes, coaches, umpires, and related workers	1	--	--	--	--	--	--
Athletes and sports competitors	1	--	--	--	--	--	--
Musicians, singers, and related workers	1	1	1	--	--	--	--
Musicians and singers	1	1	1	--	--	--	--
Media and communication workers	3	1	1	--	--	2	1
Announcers	3	1	1	--	--	2	1
Radio and television announcers	2	--	--	--	--	2	1

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Texas, 2016

Occupation ¹	Total fatal injuries (number)	Transportation incidents ²				Homicides ²	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Public address system and other announcers	1	1	1	--	--	--	--
Healthcare practitioners and technical occupations	6	--	--	--	--	--	--
Health diagnosing and treating practitioners	3	--	--	--	--	1	--
Chiropractors	1	--	--	--	--	--	--
Chiropractors	1	--	--	--	--	--	--
Physicians and surgeons	1	--	--	--	--	1	--
Psychiatrists	1	--	--	--	--	1	--
Protective service occupations	30	11	9	--	--	15	12
Law enforcement workers	17	8	8	--	--	7	5
Police officers	16	8	8	--	--	6	5
Police and sheriff's patrol officers	15	8	8	--	--	5	4
Other protective service workers	8	--	--	--	--	6	5
Security guards and gaming surveillance officers	8	--	--	--	--	6	5
Security guards	8	--	--	--	--	6	5
Building and grounds cleaning and maintenance occupations	28	7	--	--	4	--	--
Building cleaning and pest control workers	5	--	--	--	--	--	--
Building cleaning workers	5	--	--	--	--	--	--
Janitors and cleaners, except maids and housekeeping cleaners	3	--	--	--	--	--	--
Grounds maintenance workers	22	6	--	--	4	--	--
Grounds maintenance workers	22	6	--	--	4	--	--
Landscaping and groundskeeping workers	13	5	--	--	3	--	--
Tree trimmers and pruners	8	--	--	--	--	--	--
Sales and related occupations	22	--	--	--	--	13	11
Supervisors of sales workers	7	--	--	--	--	4	3
First-line supervisors of sales workers	7	--	--	--	--	4	3
First-line supervisors of retail sales workers	7	--	--	--	--	4	3
Retail sales workers	12	--	--	--	--	9	8
Cashiers	9	--	--	--	--	8	7
Cashiers	8	--	--	--	--	7	7
Sales representatives, wholesale and manufacturing	3	--	--	--	--	--	--
Sales representatives, wholesale and manufacturing	3	--	--	--	--	--	--
Office and administrative support occupations	8	4	--	--	--	--	--
Information and record clerks	--	--	--	--	--	--	--
Court, municipal, and license clerks	1	--	--	--	--	--	--
Court, municipal, and license clerks	1	--	--	--	--	--	--

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Texas, 2016

Occupation ¹	Total fatal injuries (number)	Transportation incidents ²				Homicides ²	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Material recording, scheduling, dispatching, and distributing workers	5	--	1	--	--	--	--
Postal service workers	2	--	1	--	--	--	--
Postal service clerks	1	--	--	--	--	--	--
Postal service mail carriers	1	1	1	--	--	--	--
Farming, fishing, and forestry occupations	9	1	--	--	--	--	--
Agricultural workers	7	--	--	--	--	--	--
Miscellaneous agricultural workers	7	--	--	--	--	--	--
Farmworkers, farm, ranch, and aquacultural animals	5	--	--	--	--	--	--
Fishing and hunting workers	1	1	--	--	--	--	--
Fishers and related fishing workers	1	1	--	--	--	--	--
Fishers and related fishing workers	1	1	--	--	--	--	--
Construction and extraction occupations	132	35	15	3	16	1	--
Supervisors of construction and extraction workers	11	5	--	--	--	--	--
First-line supervisors of construction trades and extraction workers	11	5	--	--	--	--	--
First-line supervisors of construction trades and extraction workers	11	5	--	--	--	--	--
Construction trades workers	99	19	7	--	10	1	--
Carpenters	6	--	--	--	--	--	--
Carpenters	6	--	--	--	--	--	--
Construction laborers	49	12	4	--	8	1	--
Construction laborers	49	12	4	--	8	1	--
Construction equipment operators	4	3	--	--	--	--	--
Operating engineers and other construction equipment operators	4	3	--	--	--	--	--
Electricians	12	--	--	--	--	--	--
Electricians	12	--	--	--	--	--	--
Painters and paperhangers	5	1	1	--	--	--	--
Painters, construction and maintenance	5	1	1	--	--	--	--
Pipelayers, plumbers, pipefitters, and steamfitters	3	--	--	--	--	--	--
Roofers	12	--	--	--	--	--	--
Roofers	12	--	--	--	--	--	--
Other construction and related workers	7	5	--	--	--	--	--
Fence erectors	1	--	--	--	--	--	--
Fence erectors	1	--	--	--	--	--	--
Septic tank servicers and sewer pipe cleaners	3	3	--	--	--	--	--

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Texas, 2016

Occupation ¹	Total fatal injuries (number)	Transportation incidents ²				Homicides ²	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Septic tank servicers and sewer pipe cleaners	3	3	--	--	--	--	--
Extraction workers	14	6	4	--	--	--	--
Roustabouts, oil and gas	4	--	--	--	--	--	--
Roustabouts, oil and gas	4	--	--	--	--	--	--
Miscellaneous extraction workers	8	--	--	--	--	--	--
Installation, maintenance, and repair occupations	63	24	20	--	4	--	--
Electrical and electronic equipment mechanics, installers, and repairers	6	3	3	--	--	--	--
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	4	--	--	--	--	--	--
Security and fire alarm systems installers	1	--	--	--	--	--	--
Vehicle and mobile equipment mechanics, installers, and repairers	15	3	--	--	--	--	--
Automotive technicians and repairers	7	--	--	--	--	--	--
Automotive service technicians and mechanics	6	--	--	--	--	--	--
Heavy vehicle and mobile equipment service technicians and mechanics	7	--	1	--	--	--	--
Mobile heavy equipment mechanics, except engines	5	--	1	--	--	--	--
Other installation, maintenance, and repair occupations	40	17	14	--	3	--	--
Heating, air conditioning, and refrigeration mechanics and installers	8	--	--	--	--	--	--
Heating, air conditioning, and refrigeration mechanics and installers	8	--	--	--	--	--	--
Industrial machinery installation, repair, and maintenance workers	6	4	4	--	--	--	--
Line installers and repairers	9	3	--	--	--	--	--
Electrical power-line installers and repairers	3	--	--	--	--	--	--
Telecommunications line installers and repairers	6	--	--	--	--	--	--
Maintenance and repair workers, general	10	3	3	--	--	--	--
Maintenance and repair workers, general	10	3	3	--	--	--	--
Miscellaneous installation, maintenance, and repair workers	6	5	4	--	--	--	--
Helpers--installation, maintenance, and repair workers	1	--	--	--	--	--	--
Production occupations	27	6	5	--	--	--	--
Supervisors of production workers	3	--	--	--	--	--	--
First-line supervisors of production and operating workers	3	--	--	--	--	--	--
First-line supervisors of production and operating workers	3	--	--	--	--	--	--
Metal workers and plastic workers	13	--	--	--	--	--	--
Welding, soldering, and brazing workers	9	--	--	--	--	--	--

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Texas, 2016

Occupation ¹	Total fatal injuries (number)	Transportation incidents ²				Homicides ²	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional
Welders, cutters, solderers, and brazers	8	--	--	--	--	--	--
Other production occupations	6	--	--	--	--	--	--
Transportation and material moving occupations	155	120	91	--	11	3	--
Supervisors, transportation and material moving workers	4	--	--	--	--	--	--
First-line supervisors of helpers, laborers, and material movers, hand	3	--	--	--	--	--	--
First-line supervisors of helpers, laborers, and material movers, hand	3	--	--	--	--	--	--
Air transportation workers	9	9	--	--	--	--	--
Aircraft pilots and flight engineers	9	9	--	--	--	--	--
Commercial pilots	9	9	--	--	--	--	--
Motor vehicle operators	115	99	87	--	9	--	--
Bus drivers	4	--	--	--	--	--	--
Driver/sales workers and truck drivers	106	93	84	--	6	--	--
Driver/sales workers	6	5	5	--	--	--	--
Heavy and tractor-trailer truck drivers	91	79	72	--	4	--	--
Light truck or delivery services drivers	9	9	7	--	--	--	--
Taxi drivers and chauffeurs	3	--	--	--	--	--	--
Taxi drivers and chauffeurs	3	--	--	--	--	--	--
Material moving workers	22	7	4	--	--	--	--
Laborers and material movers, hand	11	--	--	--	--	--	--
Laborers and freight, stock, and material movers, hand	8	--	--	--	--	--	--
Refuse and recyclable material collectors	5	3	3	--	--	--	--
Refuse and recyclable material collectors	5	3	3	--	--	--	--
Military specific occupations³	16	11	9	--	--	1	1

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Texas, 2016

Occupation ¹	Total fatal injuries (number)	Transportation incidents ²				Homicides ²	
		Total	Roadway incidents involving motorized land vehicle	Nonroadway incidents involving motorized land vehicles	Pedestrian vehicular incidents	Total	Shooting by other person--intentional

¹ CFOI has used several versions of the Standard Occupation Classification (SOC) system since 2003 to define occupation. For more information on the version of SOC used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>.

² Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

³ Includes fatal injuries to persons identified as resident armed forces regardless of individual occupation listed.

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. 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, December 08, 2017

Table A-7. Fatal occupational injuries by worker characteristics and event or exposure, Texas, 2016

Worker characteristics	Total fatal injuries (number)	Event or exposure ¹					
		Transportation incidents ²	Violence and other injuries by persons or animals ³	Contact with objects and equipment	Falls, slips, trips	Exposure to harmful substances or environments	Fires and explosions
Total	545	244	74	75	90	50	10
Employee status							
Wage and salary ⁴	459	210	60	63	76	40	8
Self-employed ⁵	86	34	14	12	14	10	--
Gender							
Women	36	18	9	3	--	--	--
Men	509	226	65	72	88	48	10
Age							
Under 16 years	--	--	--	--	--	--	--
16 to 17 years	--	--	--	--	--	--	--
18 to 19 years	8	5	--	--	--	--	--
20 to 24 years	37	18	5	5	--	6	--
25 to 34 years	99	49	12	13	11	13	--
35 to 44 years	110	52	14	13	19	9	3
45 to 54 years	118	46	21	19	17	12	--
55 to 64 years	117	52	14	13	28	8	--
65 years and over	55	22	7	11	13	--	--
Race or ethnic origin⁶							
White (non-Hispanic)	259	130	38	32	30	26	--
Black or African-American (non-Hispanic)	56	29	5	8	10	--	--
Hispanic or Latino	211	77	24	33	49	21	7
American Indian or Alaska Native (non-Hispanic)	--	--	--	--	--	--	--
Asian (non-Hispanic)	18	8	7	--	--	1	--
Native Hawaiian or Pacific Islander (non-Hispanic)	--	--	--	--	--	--	--

Table A-7. Fatal occupational injuries by worker characteristics and event or exposure, Texas, 2016

Worker characteristics	Total fatal injuries (number)	Event or exposure ¹					
		Transportation incidents ²	Violence and other injuries by persons or animals ³	Contact with objects and equipment	Falls, slips, trips	Exposure to harmful substances or environments	Fires and explosions

¹ Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

² Includes roadway, nonroadway, air, water, rail fatal occupational injuries, and fatal occupational injuries resulting from being struck by a vehicle.

³ Includes violence by persons, self-inflicted injury, and attacks by animals.

⁴ May include volunteers and workers receiving other types of compensation.

⁵ Includes self-employed workers, owners of unincorporated businesses and farms, paid and unpaid family workers, and may include some owners of incorporated businesses or members of partnerships.

⁶ Persons identified as Hispanic or Latino may be of any race. The race categories shown exclude data for Hispanics and Latinos.

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. 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, December 08, 2017

TABLE A-8. Fatal occupational injuries by event or exposure and age, Texas, 2016

Event or exposure ¹	Total fatal injuries (number)	Age								
		Under 16 years	16-17 years	18-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 years and over
Total	545	--	--	8	37	99	110	118	117	55
Violence and other injuries by persons or animals	74	--	--	--	5	12	14	21	14	7
Intentional injury by person	66	--	--	--	5	11	12	18	14	5
Homicides (Intentional injury by other person)	45	--	--	--	3	10	7	12	10	--
Shooting by other person--intentional	34	--	--	--	3	9	6	9	5	--
Stabbing, cutting, slashing, piercing	3	--	--	--	--	--	1	--	--	--
Hitting, kicking, beating, shoving	3	--	--	--	--	--	--	--	--	--
Multiple violent acts by other person	--	--	--	--	--	--	--	--	1	--
Suicides (Self-inflicted injury--intentional)	21	--	--	--	--	--	5	6	4	3
Shooting--intentional self-harm	11	--	--	--	--	--	3	--	--	3
Hanging, strangulation, asphyxiation--intentional self-harm	7	--	--	--	--	--	--	4	--	--
Animal and insect related incidents	7	--	--	--	--	--	--	--	--	--
Bites and stings	4	--	--	--	--	--	--	--	--	--
Stings and venomous bites	4	--	--	--	--	--	--	--	--	--
Struck by animal	3	--	--	--	--	--	--	--	--	--
Kicked by animal	1	--	--	--	--	--	--	--	--	--
Mauled, clawed, or scratched by animal	1	--	--	--	--	--	--	--	--	--
Transportation incidents	244	--	--	5	18	49	52	46	52	22
Aircraft incidents	11	--	--	--	--	--	--	1	1	5
Aircraft crash during takeoff or landing	2	--	--	--	--	--	--	--	--	--
Aircraft crash during takeoff or landing--into structure, object, or around	2	--	--	--	--	--	--	--	--	--
Other in-flight crash	9	--	--	--	--	--	--	1	1	3
Other in-flight crash due to mechanical failure	6	--	--	--	--	--	--	--	1	1
Other in-flight crash into structure, object, or ground	3	--	--	--	--	--	--	1	--	--
Rail vehicle incidents	8	--	--	--	--	--	--	--	--	1
Collision between rail vehicle and another vehicle	7	--	--	--	--	--	--	--	--	1
Collision between rail and roadway vehicles	4	--	--	--	--	--	--	--	--	1
Pedestrian vehicular incident	42	--	--	1	--	8	7	10	10	4
Pedestrian struck by vehicle in work zone	11	--	--	1	--	3	2	--	--	--
Pedestrian struck by vehicle propelled by another vehicle in work zone	--	--	--	--	--	1	1	--	--	--
Pedestrian struck by forward-moving vehicle in work zone	8	--	--	1	--	--	1	--	--	--
Pedestrian struck by vehicle in roadway	8	--	--	--	--	1	--	--	3	--
Pedestrian struck by vehicle propelled by another vehicle in roadway	3	--	--	--	--	--	--	--	2	--
Pedestrian struck by forward-moving vehicle in roadway	5	--	--	--	--	1	--	--	--	--
Pedestrian struck by vehicle on side of road	7	--	--	--	--	--	3	--	1	--

TABLE A-8. Fatal occupational injuries by event or exposure and age, Texas, 2016

Event or exposure ¹	Total fatal injuries (number)	Age								
		Under 16 years	16-17 years	18-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 years and over
Pedestrian struck by forward-moving vehicle on side of road	5	--	--	--	--	--	3	--	1	--
Pedestrian struck by vehicle in nonroadway area	14	--	--	--	--	3	--	5	4	--
Pedestrian struck by forward-moving vehicle in nonroadway area	7	--	--	--	--	--	--	--	3	--
Pedestrian struck by vehicle backing up in nonroadway area	5	--	--	--	--	3	--	--	--	--
Water vehicle incidents	4	--	--	--	--	1	--	--	--	--
Capsized or sinking water vehicle	--	--	--	--	--	1	--	--	--	--
Fall or jump from water vehicle	1	--	--	--	--	--	--	--	1	--
Roadway incidents involving motorized land vehicle	169	--	--	4	13	36	40	29	36	11
Roadway collision with other vehicle	99	--	--	--	6	19	27	18	23	4
Roadway collision--moving in same direction	18	--	--	--	--	3	4	4	6	--
Roadway collision--moving in opposite directions, oncoming	40	--	--	--	1	6	11	8	10	--
Roadway collision--moving perpendicularly	18	--	--	--	--	3	5	3	4	1
Roadway collision--moving and standing vehicle in roadway	14	--	--	--	--	3	6	1	--	1
Roadway collision--moving and standing vehicle on side of roadway	9	--	--	--	1	4	1	--	--	--
Roadway collision with object other than vehicle	32	--	--	--	1	8	7	7	5	4
Vehicle struck object or animal on side of roadway	32	--	--	--	1	8	7	7	5	4
Roadway noncollision incident	38	--	--	--	6	9	6	4	8	3
Jack-knifed or overturned, roadway	34	--	--	--	6	8	5	4	7	--
Nonroadway incident involving motorized land vehicles	10	--	--	--	--	--	--	--	--	--
Nonroadway noncollision incident	9	--	--	--	--	--	--	--	--	--
Jack-knifed or overturned, nonroadway	7	--	--	--	--	--	--	--	--	--
Fall or jump from and struck by same vehicle in normal operation, nonroadway	1	--	--	--	--	--	--	--	--	--
Fires and explosions	10	--	--	--	--	--	3	--	--	--
Fires	--	--	--	--	--	--	--	--	--	--
Forest or brush fire	1	--	--	--	--	--	--	--	--	--
Explosions	8	--	--	--	--	--	3	--	--	--
Explosion of nonpressurized vapors, gases, or liquids	5	--	--	--	--	--	--	--	--	--
Falls, slips, trips	90	--	--	--	--	11	19	17	28	13
Falls on same level	16	--	--	--	--	--	--	2	7	5
Fall on same level due to tripping	3	--	--	--	--	--	--	--	3	--
Fall on same level due to slipping	--	--	--	--	--	--	--	--	--	1
Falls to lower level	71	--	--	--	--	10	17	15	20	7
Fall through surface or existing opening	9	--	--	--	--	--	--	3	--	--
Fall through surface or existing opening more than 30 feet	4	--	--	--	--	--	--	--	--	--
Other fall to lower level	58	--	--	--	--	9	15	11	18	5
Other fall to lower level less than 6 feet	8	--	--	--	--	--	--	--	5	--

TABLE A-8. Fatal occupational injuries by event or exposure and age, Texas, 2016

Event or exposure ¹	Total fatal injuries (number)	Age								
		Under 16 years	16-17 years	18-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 years and over
Other fall to lower level 6 to 10 feet	11	--	--	--	--	--	--	--	6	--
Other fall to lower level 11 to 15 feet	11	--	--	--	--	--	3	3	3	--
Other fall to lower level 16 to 20 feet	9	--	--	--	--	3	4	--	--	--
Other fall to lower level 21 to 25 feet	4	--	--	--	--	--	--	--	--	--
Other fall to lower level 26 to 30 feet	6	--	--	--	--	--	3	--	--	--
Other fall to lower level more than 30 feet	6	--	--	--	--	--	--	3	--	--
Exposure to harmful substances or environments	50	--	--	--	6	13	9	12	8	--
Exposure to electricity	27	--	--	--	3	9	4	5	4	--
Direct exposure to electricity	18	--	--	--	--	5	3	4	4	--
Direct exposure to electricity, 220 volts or less	9	--	--	--	--	3	--	3	--	--
Direct exposure to electricity, greater than 220 volts	9	--	--	--	--	--	--	--	3	--
Indirect exposure to electricity	9	--	--	--	--	4	--	--	--	--
Indirect exposure to electricity, greater than 220 volts	8	--	--	--	--	4	--	--	--	--
Exposure to temperature extremes	5	--	--	--	--	2	--	--	--	--
Exposure to environmental heat	5	--	--	--	--	2	--	--	--	--
Exposure to other harmful substances	15	--	--	--	--	--	3	6	--	--
Nonmedical use of drugs or alcohol--unintentional overdose	8	--	--	--	--	--	--	4	--	--
Inhalation of harmful substance	7	--	--	--	--	--	--	--	--	--
Inhalation of harmful substance--single episode	7	--	--	--	--	--	--	--	--	--
Exposure to oxygen deficiency, n.e.c.	3	--	--	--	--	--	--	--	--	--
Contact with objects and equipment	75	--	--	--	5	13	13	19	13	11
Struck by object or equipment	53	--	--	--	--	7	10	13	12	8
Struck by powered vehicle--nontransport	22	--	--	--	--	3	3	7	6	--
Caught between rolling powered vehicle and other object	4	--	--	--	--	--	--	--	--	--
Struck or run over by rolling powered vehicle	7	--	--	--	--	--	1	--	3	--
Struck by swinging part of powered vehicle	3	--	--	--	--	--	--	--	--	--
Struck by falling part of powered vehicle still attached	6	--	--	--	--	--	--	--	--	--
Struck by falling object or equipment--other than powered vehicle	23	--	--	--	--	--	5	3	4	6
Struck by object falling from vehicle or machinery--other than vehicle part	13	--	--	--	--	--	3	--	--	4
Struck by discharged or flying object	3	--	--	--	--	--	--	--	--	--
Struck by swinging or slipping object, other than handheld	3	--	--	--	--	--	--	--	--	--
Caught in or compressed by equipment or objects	17	--	--	--	--	5	3	4	--	3
Caught in running equipment or machinery	15	--	--	--	--	4	3	3	--	3
Caught in running equipment or machinery during maintenance, cleaning	8	--	--	--	--	--	--	--	--	--
Caught in running equipment or machinery during regular operation	7	--	--	--	--	3	--	--	--	--
Struck, caught, or crushed in collapsing structure, equipment, or material	5	--	--	--	--	--	--	--	--	--
Excavation or trenching cave-in	3	--	--	--	--	--	--	--	--	--

TABLE A-8. Fatal occupational injuries by event or exposure and age, Texas, 2016

Event or exposure ¹	Total fatal injuries (number)	Age								
		Under 16 years	16-17 years	18-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 years and over

¹ Based on the BLS Occupational Injury and Illness Classification System (OIICS) 2.01 implemented for 2011 data forward.

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, December 08, 2017

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry¹ sector, Texas, 2016

Event or exposure 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	Educational and health services	Leisure and hospitality	Other services	
Total	545	223	54	133	36	260	132	6	9	69	11	20	13	
Violence and other injuries by persons or animals	74	9	3	4	--	48	21	--	1	11	3	9	--	
Intentional injury by person	66	5	--	--	--	45	21	--	1	9	3	8	--	
Homicides (Intentional injury by other person)	45	1	--	1	--	34	16	--	--	5	--	8	--	
Shooting by other person--intentional	34	--	--	--	--	26	14	--	--	4	--	7	--	
Stabbing, cutting, slashing, piercing	3	--	--	--	--	3	2	--	--	1	--	--	--	
Hitting, kicking, beating, shoving	3	1	--	1	--	--	--	--	--	--	--	--	--	
Strangulation by other person	--	--	--	--	--	1	--	1	--	--	--	--	--	
Suicides (Self-inflicted injury--intentional)	21	4	--	--	--	11	5	--	1	4	--	--	--	
Shooting--intentional self-harm	11	--	--	--	--	5	--	--	1	--	--	--	--	
Hanging, strangulation, asphyxiation--intentional self-harm	7	--	--	--	--	4	--	--	--	--	--	--	--	
Animal and insect related incidents	7	3	--	--	--	3	--	--	--	--	--	1	--	
Bites and stings	4	--	--	--	--	--	--	--	--	--	--	--	--	
Stings and venomous bites	4	--	--	--	--	--	--	--	--	--	--	--	--	
Struck by animal	3	--	--	--	--	2	--	--	--	1	--	1	--	
Kicked by animal	1	--	--	--	--	1	--	--	--	--	--	1	--	
Mauled, clawed, or scratched by animal	1	--	--	--	--	1	--	--	--	1	--	--	--	
Transportation incidents	244	72	25	38	9	136	90	--	3	28	6	6	--	
Aircraft incidents	11	--	1	--	--	6	1	--	--	--	5	--	--	
Aircraft crash during takeoff or landing	2	--	--	--	--	2	--	--	--	--	2	--	--	
Aircraft crash during takeoff or landing--into structure, object, or around	2	--	--	--	--	2	--	--	--	--	2	--	--	
Other in-flight crash	9	--	1	--	--	4	1	--	--	--	3	--	--	
Other in-flight crash due to mechanical failure	6	--	--	--	--	--	--	--	--	--	--	--	--	
Other in-flight crash into structure, object, or ground	3	1	1	--	--	2	1	--	--	--	1	--	--	
Rail vehicle incidents	8	--	--	--	--	7	7	--	--	--	--	--	--	
Collision between rail vehicle and another vehicle	7	--	--	--	--	6	6	--	--	--	--	--	--	
Collision between rail and roadway vehicles	4	--	--	--	--	3	3	--	--	--	--	--	--	
Pedestrian vehicular incident	42	19	4	15	--	20	9	--	--	9	--	--	--	
Pedestrian struck by vehicle in work zone	11	8	--	8	--	3	--	--	--	3	--	--	--	
Pedestrian struck by forward-moving vehicle in work zone	8	6	--	6	--	--	--	--	--	--	--	--	--	
Pedestrian struck by vehicle in roadway	8	--	--	--	--	6	4	--	--	--	--	--	--	
Pedestrian struck by vehicle propelled by another vehicle in roadway	3	--	--	--	--	--	--	--	--	--	--	--	--	
Pedestrian struck by forward-moving vehicle in roadway	5	--	--	--	--	4	3	--	--	--	--	--	--	
Pedestrian struck by vehicle on side of road	7	3	--	--	--	4	3	--	--	--	--	--	--	
Pedestrian struck by forward-moving vehicle on side of road	5	--	--	--	--	3	--	--	--	--	--	--	--	
Pedestrian struck by vehicle in nonroadway area	14	7	3	4	--	5	--	--	--	--	--	--	--	
Pedestrian struck by forward-moving vehicle in nonroadway area	7	4	--	3	--	--	--	--	--	--	--	--	--	
Pedestrian struck by vehicle backing up in nonroadway area	5	3	--	--	--	--	--	--	--	--	--	--	--	
Water vehicle incidents	4	--	1	--	--	--	--	--	--	--	--	--	--	
Fall or jump from water vehicle	1	1	--	--	--	--	--	--	--	--	--	--	--	
Roadway incidents involving motorized land vehicle	169	42	17	19	6	98	72	--	--	17	--	5	--	
Roadway collision with other vehicle	99	29	11	14	4	54	40	--	--	9	--	--	--	
Roadway collision--moving in same direction	18	6	--	4	--	11	8	--	--	3	--	--	--	
Roadway collision--moving in opposite directions, oncoming	40	11	7	3	--	20	19	--	--	--	--	1	--	
Roadway collision--moving perpendicularly	18	7	--	3	--	7	6	--	--	1	--	--	--	

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry¹ sector, Texas, 2016

Event or exposure 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	Educational and health services	Leisure and hospitality	Other services	
Roadway collision--moving and standing vehicle in roadway	14	3	--	3	--	10	5	--	--	4	--	--	--	
Roadway collision--moving and standing vehicle on side of roadway	9	--	--	1	--	6	--	--	--	--	--	--	--	
Roadway collision with object other than vehicle	32	3	--	3	--	26	21	--	--	3	--	--	1	
Vehicle struck object or animal on side of roadway	32	3	--	3	--	26	21	--	--	3	--	--	1	
Roadway noncollision incident	38	10	6	--	--	18	11	--	1	5	--	--	--	
Jack-knifed or overturned, roadway	34	10	6	--	--	15	10	--	1	3	--	--	--	
Nonroadway incident involving motorized land vehicles	10	6	--	3	--	3	--	--	--	--	--	--	--	
Nonroadway noncollision incident	9	6	--	3	--	--	--	--	--	--	--	--	--	
Jack-knifed or overturned, nonroadway	7	5	--	--	--	--	--	--	--	--	--	--	--	
Fall or jump from and struck by same vehicle in normal operation, nonroadway	1	--	--	--	--	--	--	--	--	--	--	--	--	
Fires and explosions	10	7	--	4	--	3	--	--	--	--	--	--	--	
Fires	--	--	1	--	--	--	--	--	--	--	--	--	--	
Forest or brush fire	1	1	1	--	--	--	--	--	--	--	--	--	--	
Explosions	8	5	--	--	--	3	--	--	--	--	--	--	--	
Explosion of nonpressurized vapors, gases, or liquids	5	3	--	--	--	--	--	--	--	--	--	--	--	
Falls, slips, trips	90	56	4	44	8	32	11	--	--	14	--	--	--	
Falls on same level	16	8	--	4	3	7	5	--	--	--	--	--	--	
Fall on same level due to tripping	3	--	--	--	--	--	--	--	--	--	--	--	--	
Fall on same level due to slipping	--	--	--	--	--	1	1	--	--	--	--	--	--	
Falls to lower level	71	47	3	40	4	24	6	--	--	14	--	--	--	
Fall through surface or existing opening	9	8	--	7	--	--	--	--	--	--	--	--	--	
Fall through surface or existing opening more than 30 feet	4	3	--	--	--	--	--	--	--	--	--	--	--	
Other fall to lower level	58	37	3	31	3	21	6	--	--	12	--	--	--	
Other fall to lower level less than 6 feet	8	3	--	--	--	5	--	--	--	3	--	--	--	
Other fall to lower level 6 to 10 feet	11	7	--	6	--	4	--	--	--	3	--	--	--	
Other fall to lower level 11 to 15 feet	11	10	--	8	--	--	--	--	--	--	--	--	--	
Other fall to lower level 16 to 20 feet	9	7	--	7	--	--	--	--	--	--	--	--	--	
Other fall to lower level 21 to 25 feet	4	--	--	--	--	--	--	--	--	--	--	--	--	
Other fall to lower level 26 to 30 feet	6	3	--	3	--	3	--	--	--	--	--	--	--	
Other fall to lower level more than 30 feet	6	4	--	4	--	--	--	--	--	--	--	--	--	
Exposure to harmful substances or environments	50	30	6	24	--	15	--	--	--	8	--	3	--	
Exposure to electricity	27	18	--	17	--	9	--	--	--	5	--	--	--	
Direct exposure to electricity	18	13	--	12	--	5	--	--	--	3	--	--	--	
Direct exposure to electricity, 220 volts or less	9	6	--	6	--	3	--	--	--	--	--	--	--	
Direct exposure to electricity, greater than 220 volts	9	7	--	6	--	--	--	--	--	--	--	--	--	
Indirect exposure to electricity	9	5	--	5	--	4	--	--	--	--	--	--	--	
Indirect exposure to electricity, greater than 220 volts	8	4	--	4	--	4	--	--	--	--	--	--	--	
Exposure to temperature extremes	5	--	--	--	--	--	--	--	--	--	--	--	--	
Exposure to environmental heat	5	--	--	--	--	--	--	--	--	--	--	--	--	
Exposure to other harmful substances	15	8	--	5	--	4	--	--	--	--	--	--	--	
Nonmedical use of drugs or alcohol--unintentional overdose	8	4	--	3	--	3	--	--	--	--	--	--	--	
Inhalation of harmful substance	7	4	--	--	--	--	--	--	--	--	--	--	--	
Inhalation of harmful substance--single episode	7	4	--	--	--	--	--	--	--	--	--	--	--	
Exposure to oxygen deficiency, n.e.c.	3	--	--	--	--	--	--	--	--	--	--	--	--	
Contact with objects and equipment	75	49	14	19	16	24	7	--	3	7	--	--	6	
Struck by object or equipment	53	33	13	8	12	18	4	--	--	5	--	--	6	
Struck by powered vehicle--nontransport	22	11	4	4	3	10	--	--	--	--	--	--	4	
Caught between rolling powered vehicle and other object	4	--	--	--	--	--	--	--	--	--	--	--	--	
Struck or run over by rolling powered vehicle	7	4	3	1	--	3	--	--	--	--	--	--	--	

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry¹ sector, Texas, 2016

Event or exposure 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	Educational and health services	Leisure and hospitality	Other services	
Struck by swinging part of powered vehicle	3	--	--	--	--	--	--	--	--	--	--	--	--	--
Struck by falling part of powered vehicle still attached	6	3	--	--	--	--	--	--	--	--	--	--	--	--
Struck by falling object or equipment--other than powered vehicle	23	16	7	3	6	6	--	--	--	3	--	--	--	--
Struck by object falling from vehicle or machinery--other than vehicle part	13	9	--	--	5	4	--	--	--	--	--	--	--	--
Struck by discharged or flying object	3	3	--	--	--	--	--	--	--	--	--	--	--	--
Struck by swinging or slipping object, other than handheld	3	--	--	--	--	--	--	--	--	--	--	--	--	--
Caught in or compressed by equipment or objects	17	11	--	6	4	6	3	--	--	--	--	--	--	--
Caught in running equipment or machinery	15	9	--	4	4	6	3	--	--	--	--	--	--	--
Caught in running equipment or machinery during maintenance, cleaning	8	5	--	--	--	3	3	--	--	--	--	--	--	--
Caught in running equipment or machinery during regular operation	7	4	--	--	--	3	--	--	--	--	--	--	--	--
Struck, caught, or crushed in collapsing structure, equipment, or material	5	5	--	5	--	--	--	--	--	--	--	--	--	--
Excavation or trenching cave-in	3	3	--	3	--	--	--	--	--	--	--	--	--	--

¹ CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For more information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcfdef.htm>.

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.

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. 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, December 08, 2017