

TABLE A-1. Fatal occupational injuries by industry and event or exposure, Texas, 2017

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		534	73	234	9	93	49	74
Private industry		491	57	218	8	87	46	73
Goods producing		218	13	75	6	48	29	46
Natural resources and mining		71	5	39	5	--	4	16
Agriculture, forestry, fishing and hunting		32	4	17	--	1	--	6
Crop production	111	9	--	6	--	1	--	--
Oilseed and grain farming	1111	1	--	--	--	--	--	--
Rice farming	11116	1	--	--	--	--	--	--
Greenhouse, nursery, and floriculture production	1114	3	--	--	--	1	--	--
Food crops grown under cover	11141	1	--	--	--	1	--	--
Mushroom production	111411	1	--	--	--	1	--	--
Other crop farming	1119	4	--	3	--	--	--	--
Animal production and aquaculture	112	19	3	8	--	--	--	4
Cattle ranching and farming	1121	17	3	6	--	--	--	4
Beef cattle ranching and farming, including feedlots	11211	15	--	5	--	--	--	4
Beef cattle ranching and farming	112111	13	--	4	--	--	--	3
Cattle feedlots	112112	--	--	1	--	--	--	--
Support activities for agriculture and forestry	115	3	--	2	--	--	--	--
Support activities for crop production	1151	--	--	1	--	--	--	--
Support activities for crop production	11511	--	--	1	--	--	--	--
Soil preparation, planting, and cultivating	115112	1	--	1	--	--	--	--
Support activities for animal production	1152	1	--	1	--	--	--	--
Support activities for animal production	11521	1	--	1	--	--	--	--
Mining⁵		39	--	22	--	--	3	10
Oil and gas extraction	211	3	--	--	--	--	--	--
Oil and gas extraction	2111	3	--	--	--	--	--	--
Oil and gas extraction	21111	3	--	--	--	--	--	--

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Support activities for mining	213	36	--	20	--	--	3	10
Support activities for mining	2131	36	--	20	--	--	3	10
Support activities for mining	21311	36	--	20	--	--	3	10
Drilling oil and gas wells	213111	4	--	--	--	--	--	3
Support activities for oil and gas operations	213112	32	--	19	--	--	3	7
Construction		129	7	30	--	44	23	23
Construction		129	7	30	--	44	23	23
Construction of buildings	236	14	1	--	--	8	--	--
Residential building construction	2361	8	1	--	--	4	--	--
Residential building construction	23611	8	1	--	--	4	--	--
Residential remodelers	236118	6	1	--	--	4	--	--
Nonresidential building construction	2362	5	--	--	--	3	--	--
Industrial building construction	23621	3	--	--	--	--	--	--
Heavy and civil engineering construction	237	29	--	17	--	--	4	6
Utility system construction	2371	17	--	5	--	--	4	6
Water and sewer line and related structures construction	23711	6	--	--	--	--	--	3
Oil and gas pipeline and related structures construction	23712	5	--	3	--	--	--	--
Power and communication line and related structures construction	23713	6	--	--	--	--	4	--
Highway, street, and bridge construction	2373	12	--	12	--	--	--	--
Highway, street, and bridge construction	23731	12	--	12	--	--	--	--
Specialty trade contractors	238	85	3	12	--	36	18	15
Foundation, structure, and building exterior contractors	2381	37	--	--	--	22	4	8
Poured concrete foundation and structure contractors	23811	6	--	--	--	--	1	4
Structural steel and precast concrete contractors	23812	5	--	--	--	4	--	--
Framing contractors	23813	8	--	--	--	4	--	1
Masonry contractors	23814	5	--	--	--	3	--	--
Residential masonry contractors	238141	4	--	--	--	--	--	--
Roofing contractors	23816	12	--	--	--	11	--	--
Residential roofing contractors	238161	7	--	--	--	7	--	--
Nonresidential roofing contractors	238162	3	--	--	--	--	--	--
Building equipment contractors	2382	26	--	4	--	6	10	4
Electrical contractors	23821	15	--	--	--	3	6	--

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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
Nonresidential electrical contractors	238212	3	--	--	--	--	--	--
Plumbing, heating, and air-conditioning contractors	23822	11	--	--	--	3	4	2
Residential plumbing, heating, and air-conditioning contractors	238221	5	--	--	--	--	3	--
Building finishing contractors	2383	9	--	--	--	7	--	--
Drywall and insulation contractors	23831	--	--	--	--	1	--	--
Painting and wall covering contractors	23832	4	--	--	--	3	--	--
Residential painting and wall covering contractors	238321	3	--	--	--	3	--	--
Other building finishing contractors	23839	1	--	--	--	1	--	--
Other specialty trade contractors	2389	12	--	6	--	--	--	3
Site preparation contractors	23891	8	--	5	--	--	--	--
Nonresidential site preparation contractors	238912	4	--	3	--	--	--	--
All other specialty trade contractors	23899	4	--	--	--	--	--	--
Manufacturing		18	--	6	--	--	--	7
Manufacturing		18	--	6	--	--	--	7
Food manufacturing	311	3	--	--	--	--	--	--
Nonmetallic mineral product manufacturing	327	3	--	--	--	--	--	--
Fabricated metal product manufacturing	332	5	--	--	--	--	--	3
Service providing		273	44	143	--	39	17	27
Trade, transportation, and utilities		147	12	104	--	13	4	13
Utilities		3	--	--	--	--	--	--
Utilities	221	3	--	--	--	--	--	--
Wholesale trade		16	--	11	--	--	--	--
Merchant wholesalers, durable goods	423	7	--	4	--	--	--	--
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	4231	3	--	3	--	--	--	--

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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
Motor vehicle parts (used) merchant wholesalers	42314	1	--	1	--	--	--	--
Lumber and other construction materials merchant wholesalers	4233	3	--	--	--	--	--	--
Brick, stone, and related construction material merchant wholesalers	42332	3	--	--	--	--	--	--
Merchant wholesalers, nondurable goods	424	9	--	7	--	--	--	--
Grocery and related product wholesalers	4244	3	--	3	--	--	--	--
Retail trade		18	6	3	--	7	--	--
Building material and garden equipment and supplies dealers	444	3	--	--	--	--	--	--
Food and beverage stores	445	--	--	--	--	--	--	--
Grocery stores	4451	1	--	--	--	1	--	--
Supermarkets and other grocery (except convenience) stores	44511	1	--	--	--	1	--	--
Gasoline stations	447	2	2	--	--	--	--	--
Gasoline stations	4471	2	2	--	--	--	--	--
Gasoline stations with convenience stores	44711	2	2	--	--	--	--	--
General merchandise stores	452	5	3	--	--	--	--	--
Other general merchandise stores	4529	4	3	--	--	--	--	--
Miscellaneous store retailers	453	1	--	--	--	--	--	--
Florists	4531	1	--	--	--	--	--	--
Florists	45311	1	--	--	--	--	--	--
Transportation and warehousing		110	4	88	--	4	--	11
Air transportation	481	--	--	--	--	--	--	--
Nonscheduled air transportation	4812	1	--	1	--	--	--	--
Nonscheduled air transportation	48121	1	--	1	--	--	--	--
Nonscheduled chartered passenger air transportation	481211	1	--	1	--	--	--	--
Rail transportation	482	1	--	1	--	--	--	--
Rail transportation	4821	1	--	1	--	--	--	--
Rail transportation	48211	1	--	1	--	--	--	--
Line-haul railroads	482111	1	--	1	--	--	--	--
Water transportation	483	--	--	--	--	--	--	--
Inland water transportation	4832	2	--	2	--	--	--	--
Inland water transportation	48321	2	--	2	--	--	--	--

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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
Inland water freight transportation	483211	2	--	2	--	--	--	--
Truck transportation	484	86	--	71	--	4	--	7
General freight trucking	4841	49	--	43	--	--	--	4
General freight trucking, local	48411	12	--	10	--	--	--	--
General freight trucking, long-distance	48412	33	--	29	--	--	--	--
General freight trucking, long-distance, truckload	484121	28	--	24	--	--	--	--
General freight trucking, long-distance, less than truckload	484122	3	--	3	--	--	--	--
Specialized freight trucking	4842	37	--	28	--	3	--	3
Used household and office goods moving	48421	5	--	--	--	--	--	--
Specialized freight (except used goods) trucking, local	48422	16	--	12	--	--	--	--
Specialized freight (except used goods) trucking, long-distance	48423	15	--	12	--	--	--	--
Transit and ground passenger transportation	485	3	--	--	--	--	--	--
Taxi and limousine service	4853	--	1	--	--	--	--	--
Taxi service	48531	--	1	--	--	--	--	--
Support activities for transportation	488	11	--	9	--	--	--	1
Support activities for rail transportation	4882	1	--	--	--	--	--	1
Support activities for rail transportation	48821	1	--	--	--	--	--	1
Support activities for water transportation	4883	--	--	--	--	--	--	--
Navigational services to shipping	48833	1	--	--	--	--	--	--
Support activities for road transportation	4884	6	--	5	--	--	--	--
Motor vehicle towing	48841	4	--	3	--	--	--	--
Couriers and messengers	492	3	--	--	--	--	--	--
Couriers	4921	3	--	--	--	--	--	--
Couriers	49211	3	--	--	--	--	--	--
Information		4	--	--	--	--	--	--
Information		4	--	--	--	--	--	--
Broadcasting (except internet)	515	1	--	--	--	--	--	--
Cable and other subscription programming	5152	1	--	--	--	--	--	--
Cable and other subscription programming	51521	1	--	--	--	--	--	--
Telecommunications	517	3	--	--	--	--	--	--
Financial activities		6	--	--	--	--	--	--

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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
Real estate and rental and leasing		5	--	--	--	--	--	--
Real estate	531	3	--	--	--	--	--	--
Professional and business services		59	11	19	--	16	6	7
Professional and technical services		12	3	8	--	--	--	--
Professional, scientific, and technical services	541	12	3	8	--	--	--	--
Architectural, engineering, and related services	5413	4	--	3	--	--	--	--
Testing laboratories	54138	1	--	--	--	--	--	--
Other professional, scientific, and technical services	5419	4	--	--	--	--	--	--
Veterinary services	54194	1	--	--	--	--	--	--
Administrative and waste services		47	8	11	--	15	6	7
Administrative and support services	561	42	8	8	--	15	6	5
Employment services	5613	11	--	5	--	3	--	--
Temporary help services	56132	8	--	3	--	--	--	--
Investigation and security services	5616	9	5	--	--	--	--	--
Investigation, guard, and armored car services	56161	9	5	--	--	--	--	--
Security guards and patrol services	561612	9	5	--	--	--	--	--
Services to buildings and dwellings	5617	22	--	--	--	10	5	3
Janitorial services	56172	3	--	--	--	--	--	--
Landscaping services	56173	17	--	--	--	7	5	3
Waste management and remediation services	562	5	--	3	--	--	--	--
Waste collection	5621	3	--	--	--	--	--	--
Waste collection	56211	3	--	--	--	--	--	--
Educational and health services		13	5	--	--	--	--	--
Health care and social assistance		13	5	--	--	--	--	--
Ambulatory health care services	621	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
Other ambulatory health care services	6219	3	--	3	--	--	--	--
Ambulance services	62191	3	--	3	--	--	--	--
Nursing and residential care facilities	623	3	--	--	--	--	--	--
Leisure and hospitality		17	9	--	--	--	--	--
Accommodation and food services		15	8	--	--	--	--	--
Accommodation	721	3	--	--	--	--	--	--
Traveler accommodation	7211	3	--	--	--	--	--	--
Hotels (except casino hotels) and motels	72111	3	--	--	--	--	--	--
Food services and drinking places	722	12	6	--	--	--	--	--
Restaurants and other eating places	7225	7	4	--	--	--	--	--
Restaurants and other eating places	72251	7	4	--	--	--	--	--
Limited-service restaurants	722513	5	--	--	--	--	--	--
Other services, except public administration		26	6	9	--	--	4	4
Other services, except public administration		26	6	9	--	--	4	4
Repair and maintenance	811	21	5	6	--	--	3	4
Automotive repair and maintenance	8111	15	5	6	--	1	--	--
Automotive mechanical and electrical repair and maintenance	81111	9	--	3	--	--	--	--
General automotive repair	811111	7	--	--	--	--	--	--
Automotive body, paint, interior, and glass repair	81112	3	--	--	--	--	--	--
Other automotive repair and maintenance	81119	3	--	--	--	1	--	--
Car washes	811192	2	--	--	--	--	--	--
Commercial machinery repair and maintenance	8113	4	--	--	--	--	--	--
Commercial machinery repair and maintenance	81131	4	--	--	--	--	--	--
Personal and household goods repair and maintenance	8114	1	--	--	--	--	1	--
Personal and laundry services	812	4	--	--	--	--	1	--
Personal care services	8121	--	--	--	--	--	1	--
Hair, nail, and skin care services	81211	--	--	--	--	--	1	--
Beauty salons	812112	--	--	--	--	--	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
Government⁶		43	16	16	--	6	3	--
Federal government		8	--	3	--	--	--	--
Service providing		8	--	3	--	--	--	--
Public administration		7	--	3	--	--	--	--
Public administration		7	--	3	--	--	--	--
National security and international affairs	928	6	1	3	--	--	--	--
National security and international affairs	9281	6	1	3	--	--	--	--
National security	92811	5	1	3	--	1	--	--
State government		9	5	3	--	--	--	--
Service providing		8	5	--	--	--	--	--
Public administration		6	4	--	--	--	--	--
Public administration		6	4	--	--	--	--	--
Justice, public order, and safety activities	922	5	4	--	--	--	--	--
Justice, public order, and safety activities	9221	5	4	--	--	--	--	--
Police protection	92212	3	--	--	--	--	--	--
Local government		26	9	10	--	3	--	--
Goods producing		3	--	--	--	--	--	--
Construction		3	--	--	--	--	--	--
Construction		3	--	--	--	--	--	--
Heavy and civil engineering construction	237	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
Highway, street, and bridge construction	2373	3	--	--	--	--	--	--
Highway, street, and bridge construction	23731	3	--	--	--	--	--	--
Service providing		23	9	8	--	3	--	--
Educational and health services		6	--	3	--	--	--	--
Educational services		6	--	3	--	--	--	--
Educational services	611	6	--	3	--	--	--	--
Elementary and secondary schools	6111	6	--	3	--	--	--	--
Elementary and secondary schools	61111	6	--	3	--	--	--	--
Public administration		15	7	5	--	--	--	--
Public administration		15	7	5	--	--	--	--
Justice, public order, and safety activities	922	15	7	5	--	--	--	--
Justice, public order, and safety activities	9221	15	7	5	--	--	--	--
Police protection	92212	11	6	4	--	--	--	--
Fire protection	92216	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

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, November 29, 2018

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2017

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	534	234	160	11	44	35	28
Private industry	491	218	149	11	41	28	22
Goods producing	218	75	48	7	16	--	--
Natural resources and mining	71	39	26	6	3	--	--
Agriculture, forestry, fishing and hunting	32	17	5	6	3	--	--
Crop production	9	6	--	--	3	--	--
Oilseed and grain farming	1	--	--	--	--	--	--
Rice farming	1	--	--	--	--	--	--
Greenhouse, nursery, and floriculture production	3	--	--	--	--	--	--
Food crops grown under cover	1	--	--	--	--	--	--
Mushroom production	1	--	--	--	--	--	--
Other crop farming	4	3	--	--	3	--	--
Animal production and aquaculture	19	8	4	3	--	--	--
Cattle ranching and farming	17	6	3	--	--	--	--
Beef cattle ranching and farming, including feedlots	15	5	--	--	--	--	--
Beef cattle ranching and farming	13	4	--	--	--	--	--
Cattle feedlots	--	1	--	--	--	--	--
Support activities for agriculture and forestry	3	2	--	--	--	--	--
Support activities for crop production	--	1	--	--	--	--	--
Support activities for crop production	--	1	--	--	--	--	--
Soil preparation, planting, and cultivating	1	1	--	--	--	--	--
Support activities for animal production	1	1	--	--	--	--	--
Support activities for animal production	1	1	--	--	--	--	--
Mining³	39	22	21	--	--	--	--
Oil and gas extraction	3	--	--	--	--	--	--

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2017

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
Oil and gas extraction	3	--	--	--	--	--	--
Oil and gas extraction	3	--	--	--	--	--	--
Support activities for mining	36	20	19	--	--	--	--
Support activities for mining	36	20	19	--	--	--	--
Support activities for mining	36	20	19	--	--	--	--
Drilling oil and gas wells	4	--	--	--	--	--	--
Support activities for oil and gas operations	32	19	18	--	--	--	--
Construction	129	30	18	--	12	--	--
Construction	129	30	18	--	12	--	--
Construction of buildings	14	--	--	--	--	--	--
Residential building construction	8	--	--	--	--	--	--
Residential building construction	8	--	--	--	--	--	--
Residential remodelers	6	--	--	--	--	--	--
Nonresidential building construction	5	--	--	--	--	--	--
Industrial building construction	3	--	--	--	--	--	--
Heavy and civil engineering construction	29	17	7	--	10	--	--
Utility system construction	17	5	--	--	3	--	--
Water and sewer line and related structures construction	6	--	--	--	--	--	--
Oil and gas pipeline and related structures construction	5	3	--	--	1	--	--
Power and communication line and related structures construction	6	--	--	--	--	--	--
Highway, street, and bridge construction	12	12	5	--	7	--	--
Highway, street, and bridge construction	12	12	5	--	7	--	--
Specialty trade contractors	85	12	10	--	--	--	--
Foundation, structure, and building exterior contractors	37	--	--	--	--	--	--
Poured concrete foundation and structure contractors	6	--	--	--	--	--	--
Structural steel and precast concrete contractors	5	--	--	--	--	--	--
Framing contractors	8	--	--	--	--	--	--
Masonry contractors	5	--	--	--	--	--	--
Residential masonry contractors	4	--	--	--	--	--	--
Roofing contractors	12	--	--	--	--	--	--

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2017

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
Residential roofing contractors	7	--	--	--	--	--	--
Nonresidential roofing contractors	3	--	--	--	--	--	--
Building equipment contractors	26	4	4	--	--	--	--
Electrical contractors	15	--	--	--	--	--	--
Nonresidential electrical contractors	3	--	--	--	--	--	--
Plumbing, heating, and air-conditioning contractors	11	--	--	--	--	--	--
Residential plumbing, heating, and air-conditioning contractors	5	--	--	--	--	--	--
Building finishing contractors	9	--	--	--	--	--	--
Painting and wall covering contractors	4	--	--	--	--	--	--
Residential painting and wall covering contractors	3	--	--	--	--	--	--
Other building finishing contractors	1	--	--	--	--	--	--
Other specialty trade contractors	12	6	4	--	--	--	--
Site preparation contractors	8	5	3	--	--	--	--
Nonresidential site preparation contractors	4	3	--	--	--	--	--
All other specialty trade contractors	4	--	--	--	--	--	--
Manufacturing	18	6	4	--	--	--	--
Manufacturing	18	6	4	--	--	--	--
Food manufacturing	3	--	--	--	--	--	--
Nonmetallic mineral product manufacturing	3	--	--	--	--	--	--
Fabricated metal product manufacturing	5	--	--	--	--	--	--
Service providing	273	143	101	4	25	26	21
Trade, transportation, and utilities	147	104	80	3	14	9	7
Utilities	3	--	--	--	--	--	--
Utilities	3	--	--	--	--	--	--

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2017

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
Wholesale trade	16	11	9	1	--	--	--
Merchant wholesalers, durable goods	7	4	--	1	--	--	--
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	3	3	--	1	--	--	--
Motor vehicle parts (used) merchant wholesalers	1	1	--	1	--	--	--
Lumber and other construction materials merchant wholesalers	3	--	--	--	--	--	--
Brick, stone, and related construction material merchant wholesalers	3	--	--	--	--	--	--
Merchant wholesalers, nondurable goods	9	7	7	--	--	--	--
Grocery and related product wholesalers	3	3	3	--	--	--	--
Retail trade	18	3	--	--	--	5	5
Building material and garden equipment and supplies dealers	3	--	--	--	--	--	--
Food and beverage stores	--	--	--	--	--	--	--
Grocery stores	1	--	--	--	--	--	--
Supermarkets and other grocery (except convenience) stores	1	--	--	--	--	--	--
Gasoline stations	2	--	--	--	--	2	2
Gasoline stations	2	--	--	--	--	2	2
Gasoline stations with convenience stores	2	--	--	--	--	2	2
General merchandise stores	5	--	--	--	--	3	3
Other general merchandise stores	4	--	--	--	--	3	3
Miscellaneous store retailers	1	--	--	--	--	--	--
Florists	1	--	--	--	--	--	--
Florists	1	--	--	--	--	--	--
Transportation and warehousing	110	88	68	--	12	3	1
Air transportation	--	--	--	--	--	--	--
Nonscheduled air transportation	1	1	--	--	--	--	--
Nonscheduled air transportation	1	1	--	--	--	--	--
Nonscheduled chartered passenger air transportation	1	1	--	--	--	--	--
Rail transportation	1	1	--	--	--	--	--

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2017

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
Rail transportation	1	1	--	--	--	--	--
Rail transportation	1	1	--	--	--	--	--
Line-haul railroads	1	1	--	--	--	--	--
Water transportation	--	--	--	--	--	--	--
Inland water transportation	2	2	--	--	--	--	--
Inland water transportation	2	2	--	--	--	--	--
Inland water freight transportation	2	2	--	--	--	--	--
Truck transportation	86	71	63	--	6	--	--
General freight trucking	49	43	38	--	4	--	--
General freight trucking, local	12	10	9	--	--	--	--
General freight trucking, long-distance	33	29	26	--	--	--	--
General freight trucking, long-distance, truckload	28	24	22	--	--	--	--
General freight trucking, long-distance, less than truckload	3	3	3	--	--	--	--
Specialized freight trucking	37	28	25	--	--	--	--
Used household and office goods moving	5	--	--	--	--	--	--
Specialized freight (except used goods) trucking, local	16	12	11	--	--	--	--
Specialized freight (except used goods) trucking, long-distance	15	12	10	--	--	--	--
Transit and ground passenger transportation	3	--	--	--	--	--	1
Taxi and limousine service	--	--	--	--	--	1	1
Taxi service	--	--	--	--	--	1	1
Support activities for transportation	11	9	5	--	3	--	--
Support activities for rail transportation	1	--	--	--	--	--	--
Support activities for rail transportation	1	--	--	--	--	--	--
Support activities for water transportation	--	--	--	--	--	--	--
Navigational services to shipping	1	--	--	--	--	--	--
Support activities for road transportation	6	5	4	--	--	--	--
Motor vehicle towing	4	3	--	--	--	--	--
Couriers and messengers	3	--	--	--	--	--	--
Couriers	3	--	--	--	--	--	--
Couriers	3	--	--	--	--	--	--
Information	4	--	--	--	--	--	--

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2017

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
Information	4	--	--	--	--	--	--
Broadcasting (except internet)	1	--	--	--	--	--	--
Cable and other subscription programming	1	--	--	--	--	--	--
Cable and other subscription programming	1	--	--	--	--	--	--
Telecommunications	3	--	--	--	--	--	--
Financial activities	6	--	--	--	--	--	--
Real estate and rental and leasing	5	--	--	--	--	--	--
Real estate	3	--	--	--	--	--	--
Professional and business services	59	19	9	--	6	5	4
Professional and technical services	12	8	5	--	1	--	--
Professional, scientific, and technical services	12	8	5	--	1	--	--
Architectural, engineering, and related services	4	3	--	--	1	--	--
Engineering services	--	--	--	--	1	--	--
Testing laboratories	1	--	--	--	--	--	--
Other professional, scientific, and technical services	4	--	--	--	--	--	--
Veterinary services	1	--	--	--	--	--	--
Administrative and waste services	47	11	4	--	5	5	4
Administrative and support services	42	8	--	--	5	5	4
Employment services	11	5	--	--	--	--	--
Temporary help services	8	3	--	--	--	--	--
Investigation and security services	9	--	--	--	--	--	--
Investigation, guard, and armored car services	9	--	--	--	--	--	--
Security guards and patrol services	9	--	--	--	--	--	--
Services to buildings and dwellings	22	--	--	--	--	--	--

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2017

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
Janitorial services	3	--	--	--	--	--	--
Landscaping services	17	--	--	--	--	--	--
Waste management and remediation services	5	3	--	--	--	--	--
Waste collection	3	--	--	--	--	--	--
Waste collection	3	--	--	--	--	--	--
Educational and health services	13	--	--	--	--	3	--
Health care and social assistance	13	--	--	--	--	3	--
Ambulatory health care services	7	3	--	--	--	--	--
Other ambulatory health care services	3	3	--	--	--	--	--
Ambulance services	3	3	--	--	--	--	--
Nursing and residential care facilities	3	--	--	--	--	--	--
Leisure and hospitality	17	--	--	--	--	5	5
Accommodation and food services	15	--	--	--	--	5	5
Accommodation	3	--	--	--	--	--	--
Traveler accommodation	3	--	--	--	--	--	--
Hotels (except casino hotels) and motels	3	--	--	--	--	--	--
Food services and drinking places	12	--	--	--	--	4	4
Restaurants and other eating places	7	--	--	--	--	3	3
Restaurants and other eating places	7	--	--	--	--	3	3
Limited-service restaurants	5	--	--	--	--	--	--
Other services, except public administration	26	9	6	--	--	4	4
Other services, except public administration	26	9	6	--	--	4	4
Repair and maintenance	21	6	3	--	--	--	--
Automotive repair and maintenance	15	6	3	--	--	--	--

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2017

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
Automotive mechanical and electrical repair and maintenance	9	3	--	--	1	--	--
General automotive repair	7	--	--	--	--	--	--
Automotive body, paint, interior, and glass repair	3	--	--	--	--	--	--
Other automotive repair and maintenance	3	--	--	--	--	--	--
Car washes	2	--	--	--	--	--	--
Commercial machinery repair and maintenance	4	--	--	--	--	--	--
Commercial machinery repair and maintenance	4	--	--	--	--	--	--
Personal and household goods repair and maintenance	1	--	--	--	--	--	--
Personal and laundry services	4	--	--	--	--	--	--
Government⁴	43	16	11	--	3	7	6
Federal government	8	3	--	--	--	--	--
Service providing	8	3	--	--	--	--	--
Public administration	7	3	--	--	--	--	--
Public administration	7	3	--	--	--	--	--
National security and international affairs	6	3	--	--	--	--	--
National security and international affairs	6	3	--	--	--	--	--
National security	5	3	--	--	--	--	--
State government	9	3	--	--	--	--	--
Service providing	8	--	--	--	--	--	--
Public administration	6	--	--	--	--	--	--
Public administration	6	--	--	--	--	--	--
Justice, public order, and safety activities	5	--	--	--	--	--	--

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2017

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
Justice, public order, and safety activities	5	--	--	--	--	--	--
Police protection	3	--	--	--	--	--	--
Local government	26	10	8	--	--	4	4
Goods producing	3	--	--	--	--	--	--
Construction	3	--	--	--	--	--	--
Construction	3	--	--	--	--	--	--
Heavy and civil engineering construction	3	--	--	--	--	--	--
Highway, street, and bridge construction	3	--	--	--	--	--	--
Highway, street, and bridge construction	3	--	--	--	--	--	--
Service providing	23	8	7	--	--	4	4
Educational and health services	6	3	3	--	--	--	--
Educational services	6	3	3	--	--	--	--
Educational services	6	3	3	--	--	--	--
Elementary and secondary schools	6	3	3	--	--	--	--
Elementary and secondary schools	6	3	3	--	--	--	--
Public administration	15	5	4	--	--	4	4
Public administration	15	5	4	--	--	4	4
Justice, public order, and safety activities	15	5	4	--	--	4	4
Justice, public order, and safety activities	15	5	4	--	--	4	4
Police protection	11	4	4	--	--	4	4
Fire protection	4	--	--	--	--	--	--

TABLE A-2. Fatal occupational injuries resulting from transportation incidents and homicides, Texas, 2017

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, November 29, 2018

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Texas, 2017

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	534	100.0	398	100.0	43	100.0	93	100.0
Goods producing	222	41.6	185	46.5	4	9.3	33	35.5
Natural resources and mining	71	13.3	63	15.8	--	--	8	8.6
Agriculture, forestry, fishing and hunting	32	6.0	24	6.0	--	--	8	8.6
Crop production	9	1.7	8	2.0	--	--	1	1.1
Oilseed and grain farming	1	.2	--	--	--	--	1	1.1
Rice farming	1	.2	--	--	--	--	1	1.1
Greenhouse, nursery, and floriculture production	3	.6	3	.8	--	--	--	--
Food crops grown under cover	1	.2	--	--	--	--	--	--
Mushroom production	1	.2	--	--	--	--	--	--
Other crop farming	4	.7	4	1.0	--	--	--	--
Animal production and aquaculture	19	3.6	13	3.3	--	--	6	6.5
Cattle ranching and farming	17	3.2	11	2.8	--	--	6	6.5
Beef cattle ranching and farming, including feedlots	15	2.8	10	2.5	--	--	5	5.4
Beef cattle ranching and farming	13	2.4	9	2.3	--	--	4	4.3
Cattle feedlots	--	--	--	--	--	--	1	1.1
Support activities for agriculture and forestry	3	.6	--	--	--	--	1	1.1
Support activities for crop production	--	--	--	--	--	--	--	--
Support activities for crop production	--	--	--	--	--	--	--	--
Soil preparation, planting, and cultivating	1	.2	1	.3	--	--	--	--
Support activities for animal production	1	.2	--	--	--	--	1	1.1
Support activities for animal production	1	.2	--	--	--	--	1	1.1
Mining⁵	39	7.3	39	9.8	--	--	--	--
Oil and gas extraction	3	.6	3	.8	--	--	--	--
Oil and gas extraction	3	.6	3	.8	--	--	--	--
Oil and gas extraction	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, 2017

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 mining	36	6.7	36	9.0	--	--	--	--
Support activities for mining	36	6.7	36	9.0	--	--	--	--
Support activities for mining	36	6.7	36	9.0	--	--	--	--
Drilling oil and gas wells	4	.7	4	1.0	--	--	--	--
Support activities for oil and gas operations	32	6.0	32	8.0	--	--	--	--
Construction	133	24.9	104	26.1	4	9.3	25	26.9
Construction	133	24.9	104	26.1	4	9.3	25	26.9
Construction of buildings	14	2.6	10	2.5	--	--	4	4.3
Residential building construction	8	1.5	5	1.3	--	--	3	3.2
Residential building construction	8	1.5	5	1.3	--	--	3	3.2
Residential remodelers	6	1.1	3	.8	--	--	3	3.2
Nonresidential building construction	5	.9	5	1.3	--	--	--	--
Industrial building construction	3	.6	3	.8	--	--	--	--
Heavy and civil engineering construction	33	6.2	29	7.3	4	9.3	--	--
Utility system construction	17	3.2	17	4.3	--	--	--	--
Water and sewer line and related structures construction	6	1.1	6	1.5	--	--	--	--
Oil and gas pipeline and related structures construction	5	.9	5	1.3	--	--	--	--
Power and communication line and related structures construction	6	1.1	6	1.5	--	--	--	--
Highway, street, and bridge construction	16	3.0	12	3.0	4	9.3	--	--
Highway, street, and bridge construction	16	3.0	12	3.0	4	9.3	--	--
Specialty trade contractors	85	15.9	64	16.1	--	--	21	22.6
Foundation, structure, and building exterior contractors	37	6.9	30	7.5	--	--	7	7.5
Poured concrete foundation and structure contractors	6	1.1	6	1.5	--	--	--	--
Structural steel and precast concrete contractors	5	.9	4	1.0	--	--	--	--
Framing contractors	8	1.5	7	1.8	--	--	--	--
Masonry contractors	5	.9	3	.8	--	--	--	--
Residential masonry contractors	4	.7	--	--	--	--	--	--
Roofing contractors	12	2.2	9	2.3	--	--	3	3.2
Residential roofing contractors	7	1.3	5	1.3	--	--	--	--
Nonresidential roofing contractors	3	.6	--	--	--	--	--	--

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Texas, 2017

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
Building equipment contractors	26	4.9	19	4.8	--	--	7	7.5
Electrical contractors	15	2.8	10	2.5	--	--	5	5.4
Nonresidential electrical contractors	3	.6	3	.8	--	--	--	--
Plumbing, heating, and air-conditioning contractors	11	2.1	9	2.3	--	--	--	--
Residential plumbing, heating, and air-conditioning contractors	5	.9	3	.8	--	--	--	--
Building finishing contractors	9	1.7	6	1.5	--	--	3	3.2
Painting and wall covering contractors	4	.7	3	.8	--	--	--	--
Residential painting and wall covering contractors	3	.6	--	--	--	--	--	--
Other building finishing contractors	1	.2	1	.3	--	--	--	--
Other specialty trade contractors	12	2.2	8	2.0	--	--	4	4.3
Site preparation contractors	8	1.5	8	2.0	--	--	--	--
Nonresidential site preparation contractors	4	.7	4	1.0	--	--	--	--
All other specialty trade contractors	4	.7	--	--	--	--	4	4.3
Manufacturing	18	3.4	18	4.5	--	--	--	--
Manufacturing	18	3.4	18	4.5	--	--	--	--
Food manufacturing	3	.6	3	.8	--	--	--	--
Nonmetallic mineral product manufacturing	3	.6	3	.8	--	--	--	--
Fabricated metal product manufacturing	5	.9	5	1.3	--	--	--	--
Service providing	312	58.4	213	53.5	39	90.7	60	64.5
Trade, transportation, and utilities	148	27.7	115	28.9	--	--	32	34.4
Utilities	4	.7	3	.8	--	--	--	--
Utilities	4	.7	3	.8	--	--	--	--
Wholesale trade	16	3.0	15	3.8	--	--	--	--
Merchant wholesalers, durable goods	7	1.3	6	1.5	--	--	--	--

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Texas, 2017

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
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	3	.6	3	.8	--	--	--	--
Motor vehicle parts (used) merchant wholesalers	1	.2	1	.3	--	--	--	--
Lumber and other construction materials merchant wholesalers	3	.6	3	.8	--	--	--	--
Brick, stone, and related construction material merchant wholesalers	3	.6	3	.8	--	--	--	--
Merchant wholesalers, nondurable goods	9	1.7	9	2.3	--	--	--	--
Grocery and related product wholesalers	3	.6	3	.8	--	--	--	--
Retail trade	18	3.4	16	4.0	--	--	--	--
Building material and garden equipment and supplies dealers	3	.6	3	.8	--	--	--	--
Food and beverage stores	--	--	--	--	--	--	--	--
Grocery stores	1	.2	1	.3	--	--	--	--
Supermarkets and other grocery (except convenience) stores	1	.2	1	.3	--	--	--	--
Gasoline stations	2	.4	2	.5	--	--	--	--
Gasoline stations	2	.4	2	.5	--	--	--	--
Gasoline stations with convenience stores	2	.4	2	.5	--	--	--	--
General merchandise stores	5	.9	5	1.3	--	--	--	--
Other general merchandise stores	4	.7	4	1.0	--	--	--	--
Miscellaneous store retailers	1	.2	--	--	--	--	1	1.1
Florists	1	.2	--	--	--	--	1	1.1
Florists	1	.2	--	--	--	--	1	1.1
Transportation and warehousing	110	20.6	81	20.4	--	--	29	31.2
Air transportation	--	--	--	--	--	--	1	1.1
Nonscheduled air transportation	1	.2	--	--	--	--	1	1.1
Nonscheduled air transportation	1	.2	--	--	--	--	1	1.1
Nonscheduled chartered passenger air transportation	1	.2	--	--	--	--	1	1.1
Rail transportation	1	.2	1	.3	--	--	--	--
Rail transportation	1	.2	1	.3	--	--	--	--
Rail transportation	1	.2	1	.3	--	--	--	--
Line-haul railroads	1	.2	1	.3	--	--	--	--

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Texas, 2017

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
Water transportation	--	--	--	--	--	--	--	--
Inland water transportation	2	.4	2	.5	--	--	--	--
Inland water transportation	2	.4	2	.5	--	--	--	--
Inland water freight transportation	2	.4	2	.5	--	--	--	--
Truck transportation	86	16.1	63	15.8	--	--	23	24.7
General freight trucking	49	9.2	35	8.8	--	--	14	15.1
General freight trucking, local	12	2.2	7	1.8	--	--	5	5.4
General freight trucking, long-distance	33	6.2	26	6.5	--	--	7	7.5
General freight trucking, long-distance, truckload	28	5.2	23	5.8	--	--	5	5.4
General freight trucking, long-distance, less than truckload	3	.6	--	--	--	--	--	--
Specialized freight trucking	37	6.9	28	7.0	--	--	9	9.7
Used household and office goods moving	5	.9	5	1.3	--	--	--	--
Specialized freight (except used goods) trucking, local	16	3.0	10	2.5	--	--	6	6.5
Specialized freight (except used goods) trucking, long-distance	15	2.8	12	3.0	--	--	3	3.2
Transit and ground passenger transportation	3	.6	--	--	--	--	--	--
Support activities for transportation	11	2.1	8	2.0	--	--	3	3.2
Support activities for rail transportation	1	.2	--	--	--	--	--	--
Support activities for rail transportation	1	.2	--	--	--	--	--	--
Support activities for water transportation	--	--	--	--	--	--	--	--
Navigational services to shipping	1	.2	1	.3	--	--	--	--
Support activities for road transportation	6	1.1	3	.8	--	--	3	3.2
Motor vehicle towing	4	.7	3	.8	--	--	1	1.1
Couriers and messengers	3	.6	3	.8	--	--	--	--
Couriers	3	.6	3	.8	--	--	--	--
Couriers	3	.6	3	.8	--	--	--	--
Information	4	.7	4	1.0	--	--	--	--
Information	4	.7	4	1.0	--	--	--	--
Broadcasting (except internet)	1	.2	1	.3	--	--	--	--
Cable and other subscription programming	1	.2	1	.3	--	--	--	--
Cable and other subscription programming	1	.2	1	.3	--	--	--	--

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Texas, 2017

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
Telecommunications	3	.6	3	.8	--	--	--	--
Financial activities	6	1.1	6	1.5	--	--	--	--
Real estate and rental and leasing	5	.9	5	1.3	--	--	--	--
Real estate	3	.6	3	.8	--	--	--	--
Professional and business services	60	11.2	42	10.6	--	--	17	18.3
Professional and technical services	12	2.2	8	2.0	--	--	4	4.3
Professional, scientific, and technical services	12	2.2	8	2.0	--	--	4	4.3
Architectural, engineering, and related services	4	.7	4	1.0	--	--	--	--
Testing laboratories	1	.2	1	.3	--	--	--	--
Other professional, scientific, and technical services	4	.7	--	--	--	--	--	--
Veterinary services	1	.2	--	--	--	--	1	1.1
Administrative and waste services	48	9.0	34	8.5	--	--	13	14.0
Administrative and support services	42	7.9	29	7.3	--	--	13	14.0
Employment services	11	2.1	11	2.8	--	--	--	--
Temporary help services	8	1.5	8	2.0	--	--	--	--
Investigation and security services	9	1.7	9	2.3	--	--	--	--
Investigation, guard, and armored car services	9	1.7	9	2.3	--	--	--	--
Security guards and patrol services	9	1.7	9	2.3	--	--	--	--
Services to buildings and dwellings	22	4.1	9	2.3	--	--	13	14.0
Janitorial services	3	.6	--	--	--	--	1	1.1
Landscaping services	17	3.2	6	1.5	--	--	11	11.8
Waste management and remediation services	6	1.1	5	1.3	--	--	--	--
Waste collection	4	.7	3	.8	--	--	--	--
Waste collection	4	.7	3	.8	--	--	--	--
Solid waste collection	3	.6	--	--	--	--	--	--

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Texas, 2017

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	22	4.1	11	2.8	9	20.9	--	--
Educational services	7	1.3	--	--	7	16.3	--	--
Educational services	7	1.3	--	--	7	16.3	--	--
Elementary and secondary schools	6	1.1	--	--	6	14.0	--	--
Elementary and secondary schools	6	1.1	--	--	6	14.0	--	--
Health care and social assistance	15	2.8	11	2.8	--	--	--	--
Ambulatory health care services	7	1.3	6	1.5	--	--	--	--
Other ambulatory health care services	3	.6	3	.8	--	--	--	--
Ambulance services	3	.6	3	.8	--	--	--	--
Hospitals	3	.6	--	--	--	--	--	--
General medical and surgical hospitals	3	.6	--	--	--	--	--	--
General medical and surgical hospitals	3	.6	--	--	--	--	--	--
Nursing and residential care facilities	3	.6	3	.8	--	--	--	--
Leisure and hospitality	17	3.2	13	3.3	--	--	4	4.3
Accommodation and food services	15	2.8	11	2.8	--	--	4	4.3
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	12	2.2	8	2.0	--	--	4	4.3
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	4	1.0	--	--	1	1.1
Other services, except public administration	26	4.9	22	5.5	--	--	4	4.3

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Texas, 2017

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
Other services, except public administration	26	4.9	22	5.5	--	--	4	4.3
Repair and maintenance	21	3.9	18	4.5	--	--	3	3.2
Automotive repair and maintenance	15	2.8	13	3.3	--	--	--	--
Automotive mechanical and electrical repair and maintenance	9	1.7	7	1.8	--	--	--	--
General automotive repair	7	1.3	5	1.3	--	--	--	--
Automotive body, paint, interior, and glass repair	3	.6	3	.8	--	--	--	--
Other automotive repair and maintenance	3	.6	--	--	--	--	--	--
Car washes	2	.4	2	.5	--	--	--	--
Commercial machinery repair and maintenance	4	.7	4	1.0	--	--	--	--
Commercial machinery repair and maintenance	4	.7	4	1.0	--	--	--	--
Personal and household goods repair and maintenance	1	.2	--	--	--	--	1	1.1
Personal and laundry services	4	.7	3	.8	--	--	1	1.1
Personal care services	--	--	--	--	--	--	1	1.1
Hair, nail, and skin care services	--	--	--	--	--	--	1	1.1
Beauty salons	--	--	--	--	--	--	1	1.1
Public administration	28	5.2	--	--	28	65.1	--	--
Public administration	28	5.2	--	--	28	65.1	--	--
Justice, public order, and safety activities	21	3.9	--	--	21	48.8	--	--
Justice, public order, and safety activities	21	3.9	--	--	21	48.8	--	--
Police protection	15	2.8	--	--	15	34.9	--	--
Fire protection	4	.7	--	--	4	9.3	--	--
National security and international affairs	6	1.1	--	--	6	14.0	--	--
National security and international affairs	6	1.1	--	--	6	14.0	--	--
National security	5	.9	--	--	5	11.6	--	--

TABLE A-3. Fatal occupational injuries to private sector wage and salary workers, government workers, and self-employed workers by industry, Texas, 2017

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

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 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, November 29, 2018

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, Texas, 2017

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	534	218	71	129	18	273	147	4	6	59	13	17	26
Primary Source¹													
Chemicals and chemical products	13	5	--	3	--	7	--	--	--	--	--	--	1
Other chemicals	2	--	--	--	--	2	--	--	--	2	--	--	--
Oxygen and oxygen compounds	2	--	--	--	--	2	--	--	--	2	--	--	--
Carbon monoxide	2	--	--	--	--	2	--	--	--	2	--	--	--
Chemical products--general	9	5	--	3	--	4	--	--	--	--	--	--	1
Drugs, alcohol, and medicines	7	4	--	3	--	3	--	--	--	--	--	--	1
Drugs--nonmedicinal	7	4	--	3	--	3	--	--	--	--	--	--	1
Containers, furniture, and fixtures	5	--	1	--	--	--	--	--	--	--	--	--	--
Furniture and fixtures	3	--	1	--	--	--	--	--	--	--	--	--	--
Cases, cabinets, racks, shelves	--	1	1	--	--	--	--	--	--	--	--	--	--
Racks--garment and other	--	1	1	--	--	--	--	--	--	--	--	--	--
Machinery	41	24	10	13	--	14	6	--	--	--	--	--	--
Agricultural and garden machinery	3	--	--	--	--	--	--	--	--	--	--	--	--
Construction, logging, and mining machinery	19	11	4	7	--	5	--	--	--	--	--	--	--
Excavating machinery	5	4	--	3	--	--	--	--	--	--	--	--	--
Bulldozers	3	--	--	--	--	--	--	--	--	--	--	--	--
Loaders	4	--	--	--	--	--	--	--	--	--	--	--	--
Bucket, front-end, end, and pay loaders	3	--	--	--	--	--	--	--	--	--	--	--	--
Mining and drilling machinery	6	3	3	--	--	3	--	--	--	--	--	--	--
Oil drilling rigs and machinery	6	3	3	--	--	3	--	--	--	--	--	--	--
Road grading and surfacing machinery	4	3	--	3	--	--	--	--	--	--	--	--	--
Asphalt and concrete paving machines, pavers	--	1	--	1	--	--	--	--	--	--	--	--	--
Graders, scrapers--construction	1	1	--	1	--	--	--	--	--	--	--	--	--
Heating, cooling, and cleaning machinery and appliances	3	--	--	--	--	--	--	--	--	--	--	--	--
Material and personnel handling machinery	11	5	--	4	--	6	4	--	--	--	--	--	--
Conveyors--powered	--	--	--	--	--	1	1	--	--	--	--	--	--
Cranes	4	--	--	--	--	--	--	--	--	--	--	--	--
Elevators, hoists, aerial lifts, personnel platforms--except truck-mounted	4	--	--	--	--	--	--	--	--	--	--	--	--
Aerial lifts, scissor lifts--except truck-mounted	1	1	--	1	--	--	--	--	--	--	--	--	--
Jacks	1	1	--	1	--	--	--	--	--	--	--	--	--
Special process machinery	3	3	--	--	--	--	--	--	--	--	--	--	--
Other special process machinery	3	3	--	--	--	--	--	--	--	--	--	--	--
Pumps	3	3	--	--	--	--	--	--	--	--	--	--	--
Miscellaneous machinery	1	1	1	--	--	--	--	--	--	--	--	--	--
Other machinery	1	1	1	--	--	--	--	--	--	--	--	--	--
Air compressors	1	1	1	--	--	--	--	--	--	--	--	--	--
Parts and materials	35	30	5	21	4	5	5	--	--	--	--	--	--
Building materials--solid elements	12	9	--	5	3	3	3	--	--	--	--	--	--
Bricks, blocks, structural stone	3	--	--	--	--	--	--	--	--	--	--	--	--
Pipes, ducts, tubing	3	3	--	--	--	--	--	--	--	--	--	--	--
Structural metal materials	4	3	--	--	--	--	--	--	--	--	--	--	--
Beams--unattached metal	3	3	--	--	--	--	--	--	--	--	--	--	--
Wood, lumber	2	--	--	1	--	--	--	--	--	--	--	--	--
Wooden beams	1	1	--	1	--	--	--	--	--	--	--	--	--
Wood pieces, trim pieces, wood scraps, n.e.c.	1	--	--	--	--	--	--	--	--	--	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, Texas, 2017

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	
Fasteners, connectors, ropes, ties	--	--	1	--	--	--	--	--	--	--	--	--	--	--
Valves, nozzles	--	--	1	--	--	--	--	--	--	--	--	--	--	--
Machine, tool, and electric parts	18	16	--	14	--	--	--	--	--	--	--	--	--	--
Electric parts	15	14	--	14	--	--	--	--	--	--	--	--	--	--
Electrical wiring--building	8	8	--	8	--	--	--	--	--	--	--	--	--	--
Power lines, transformers, convertors	5	4	--	4	--	--	--	--	--	--	--	--	--	--
Machine and appliance parts	3	--	--	--	--	--	--	--	--	--	--	--	--	--
Drums, pulleys, sheaves	3	--	--	--	--	--	--	--	--	--	--	--	--	--
Persons, plants, animals, and minerals	89	19	9	9	--	54	14	--	--	19	5	9	6	--
Animals	6	4	3	--	--	--	--	--	--	--	--	--	--	--
Insects, arachnids, mites	3	--	--	--	--	--	--	--	--	--	--	--	--	--
Mammals, except humans	3	2	2	--	--	--	--	--	--	--	--	--	--	--
Cattle and other bovines	2	2	2	--	--	--	--	--	--	--	--	--	--	--
Nonmetallic minerals, except fuel	--	--	--	--	--	1	1	--	--	--	--	--	--	--
Sand, gravel	--	--	--	--	--	1	1	--	--	--	--	--	--	--
Person--injured or ill worker	29	6	--	4	--	17	3	--	--	5	--	4	--	--
Bodily motion or position of injured, ill worker	1	1	--	1	--	--	--	--	--	--	--	--	--	--
Person--other than injured or ill worker	39	4	--	3	--	26	9	--	--	5	3	5	4	--
Relative or domestic partner of injured or ill worker	3	--	--	--	--	3	1	--	--	--	--	--	--	--
Spouse or domestic partner of injured or ill worker	3	--	--	--	--	3	1	--	--	--	--	--	--	--
Co-worker or work associate of injured or ill worker	10	3	--	3	--	7	--	--	--	--	--	--	2	--
Co-worker	6	3	--	3	--	3	1	--	--	--	--	--	--	--
Former co-worker	1	--	--	--	--	1	--	--	--	--	--	--	1	--
Former work associate	1	--	--	--	--	1	--	--	--	--	--	--	1	--
Acquaintance	1	--	--	--	--	1	--	--	--	--	1	--	--	--
Assailant, suspect, inmate	21	--	--	--	--	11	4	--	--	3	--	4	--	--
Robber	10	--	--	--	--	9	4	--	--	--	--	3	--	--
Plants, trees, vegetation--not processed	13	--	--	--	--	9	--	--	--	8	--	--	--	--
Shrubs, grasses	3	3	3	--	--	--	--	--	--	--	--	--	--	--
Trees, logs, limbs	8	--	--	--	--	8	--	--	--	8	--	--	--	--
Trees	6	--	--	--	--	6	--	--	--	6	--	--	--	--
Limbs, branches--unattached	1	--	--	--	--	1	--	--	--	1	--	--	--	--
Structures and surfaces	63	41	--	38	3	17	6	--	--	6	3	--	--	--
Confined spaces	4	4	--	4	--	--	--	--	--	--	--	--	--	--
Ditches, channels, trenches, excavations	4	4	--	4	--	--	--	--	--	--	--	--	--	--
Buildings--office, plant, residential	6	3	--	--	--	--	--	--	--	--	--	--	--	--
Industrial buildings	1	--	--	--	--	--	--	--	--	--	--	--	--	--
Residential buildings, except institutionalized	3	--	--	--	--	--	--	--	--	--	--	--	--	--
Structures other than buildings	10	9	--	9	--	--	--	--	--	--	--	--	--	--
Scaffolds, staging	7	6	--	6	--	--	--	--	--	--	--	--	--	--
Scaffolds--self-supporting staging	3	--	--	--	--	--	--	--	--	--	--	--	--	--
Scaffolds--staging supported by structure or other means	1	1	--	1	--	--	--	--	--	--	--	--	--	--
Other structural elements	22	17	--	17	--	5	--	--	--	3	--	--	--	--
Roofs	19	15	--	15	--	4	--	--	--	3	--	--	--	--
Skylights	4	4	--	4	--	--	--	--	--	--	--	--	--	--
Roof surface, other than roof edge	3	--	--	--	--	--	--	--	--	--	--	--	--	--
Roof edges	10	7	--	7	--	3	--	--	--	--	--	--	--	--
Floors, walkways, ground surfaces	21	8	--	6	--	10	4	--	--	3	--	--	--	--
Stairs, steps, escalators	6	3	--	--	--	3	--	--	--	--	--	--	--	--
Stairs, steps--indoors	3	--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, Texas, 2017

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
Stairs, steps--outdoors	3	--	--	--	--	--	--	--	--	--	--	--	--
Floors	9	3	--	--	--	4	3	--	--	--	--	--	--
Parking lots	1	--	--	--	--	1	1	--	--	--	--	--	--
Parking lot--paved	1	--	--	--	--	1	1	--	--	--	--	--	--
Tools, instruments, and equipment	25	14	--	14	--	11	--	--	--	6	--	--	1
Handtools--nonpowered	1	--	--	--	--	1	--	--	--	1	--	--	--
Cutting handtools--nonpowered	1	--	--	--	--	1	--	--	--	1	--	--	--
Scissors, snips, shears--nonpowered	1	--	--	--	--	1	--	--	--	1	--	--	--
Handtools--powered	3	--	--	--	--	--	--	--	--	--	--	--	--
Ladders	20	12	--	12	--	8	--	--	--	3	--	--	1
Movable--ladders	19	11	--	11	--	8	--	--	--	3	--	--	1
Extension ladders	7	5	--	5	--	--	--	--	--	--	--	--	--
Step ladders	5	--	--	--	--	3	--	--	--	--	--	--	1
Vehicles	249	78	43	28	7	156	109	4	--	22	--	--	12
Aircraft	13	4	4	--	--	7	--	--	--	--	3	--	--
Airplanes--powered fixed wing	10	--	--	--	--	6	--	--	--	--	3	--	--
Airplane--jet or turbine engine	6	--	--	--	--	4	1	--	--	--	3	--	--
Airplane--propeller-driven or piston engine	3	1	1	--	--	--	--	--	--	--	--	--	--
Aircraft--powered rotary wing	3	2	2	--	--	1	--	--	--	1	--	--	--
Helicopter	3	2	2	--	--	1	--	--	--	1	--	--	--
Rail vehicles	1	--	--	--	--	1	1	--	--	--	--	--	--
Train, locomotive, rail car	1	--	--	--	--	1	1	--	--	--	--	--	--
Freight train	1	--	--	--	--	1	1	--	--	--	--	--	--
Water vehicle	4	--	--	--	--	4	4	--	--	--	--	--	--
Barge	2	--	--	--	--	2	2	--	--	--	--	--	--
Tugboat, towboat	1	--	--	--	--	1	1	--	--	--	--	--	--
Highway vehicles, motorized	209	61	28	27	6	136	97	4	--	18	--	--	11
Passenger vehicle--automobiles, buses, and passenger vans	17	--	--	--	--	8	--	--	--	--	--	--	3
Ambulance, police, and other emergency passenger vehicle	5	--	--	--	--	--	--	--	--	--	--	--	--
Automobile	7	--	--	--	--	4	--	--	--	--	--	--	1
Passenger van	3	--	--	--	--	3	--	--	--	--	--	--	--
Trucks--motorized freight hauling and utility	131	31	15	11	5	99	81	--	--	9	--	--	3
Semi, tractor-trailer, tanker truck	88	18	11	4	3	70	67	--	--	--	--	--	--
Boom truck, bucket or basket hoist truck	4	--	--	--	--	--	--	--	--	--	--	--	--
Dump truck	7	3	--	3	--	4	3	--	--	--	--	--	--
Delivery truck or van	23	6	3	--	--	16	7	--	--	3	--	--	3
Tow truck	3	--	--	--	--	3	3	--	--	--	--	--	--
Multi-purpose highway vehicles	60	29	13	15	--	28	13	--	--	7	--	--	5
Pickup truck	51	27	12	14	--	22	10	--	--	5	--	--	5
SUV, sports utility vehicle	9	--	--	--	--	6	3	1	--	--	--	--	--
Off-road or industrial vehicles--powered	20	12	11	--	--	8	5	--	--	--	--	--	--
Off-road passenger vehicles--powered	5	4	4	--	--	--	--	--	--	--	--	--	--
ATV, all terrain vehicle	5	4	4	--	--	--	--	--	--	--	--	--	--
Industrial vehicles, material hauling and transport--powered	8	--	--	--	--	6	4	--	--	--	--	--	--
Forklift, order picker, platform truck--powered	8	--	--	--	--	6	4	--	--	--	--	--	--
Tractors, PTOs	7	6	6	--	--	--	--	--	--	--	--	--	--
Farm tractor	7	6	6	--	--	--	--	--	--	--	--	--	--
Other sources	14	5	1	--	--	7	--	--	--	--	--	--	3
Environmental and elemental conditions	7	3	1	--	--	4	--	--	--	--	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, Texas, 2017

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	
Flooding and other water sources	1	--	--	--	--	1	--	--	--	--	--	--	--	1
Flooding	1	--	--	--	--	1	--	--	--	--	--	--	--	1
Temperature extremes--environmental	5	3	1	--	--	--	--	--	--	--	--	--	--	--
Heat--environmental	5	3	1	--	--	--	--	--	--	--	--	--	--	--
Other steam, vapors, liquids, ice	4	--	--	--	--	--	--	--	--	--	--	--	--	--
Liquids--nonchemical	4	--	--	--	--	--	--	--	--	--	--	--	--	--
Water	4	--	--	--	--	--	--	--	--	--	--	--	--	--
Secondary Source⁵														
Chemicals and chemical products	3	--	--	--	--	--	--	--	--	--	1	--	--	--
Chemical products--general	--	--	--	--	--	1	--	--	--	--	1	--	--	--
Drugs, alcohol, and medicines	1	--	--	--	--	1	--	--	--	--	1	--	--	--
Medicines, except vaccines	1	--	--	--	--	1	--	--	--	--	1	--	--	--
Containers, furniture, and fixtures	5	--	--	--	--	3	--	--	--	--	--	--	--	--
Containers	4	--	--	--	--	--	--	--	--	--	--	--	--	--
Machinery	22	13	9	--	--	9	4	--	--	--	--	--	--	--
Construction, logging, and mining machinery	9	6	4	--	--	--	--	--	--	--	--	--	--	--
Loaders	1	--	--	--	--	--	--	--	--	--	--	--	--	--
Skid steer loaders, mini loaders	1	--	--	--	--	--	--	--	--	--	--	--	--	--
Mining and drilling machinery	4	4	4	--	--	--	--	--	--	--	--	--	--	--
Oil drilling rigs and machinery	4	4	4	--	--	--	--	--	--	--	--	--	--	--
Material and personnel handling machinery	7	3	--	--	--	4	--	--	--	--	--	--	--	--
Cranes	3	--	--	--	--	--	--	--	--	--	--	--	--	--
Jacks	4	--	--	--	--	--	--	--	--	--	--	--	--	--
Special process machinery	--	1	1	--	--	--	--	--	--	--	--	--	--	--
Other special process machinery	--	1	1	--	--	--	--	--	--	--	--	--	--	--
Pumps	--	1	1	--	--	--	--	--	--	--	--	--	--	--
Parts and materials	34	19	4	13	--	13	--	--	--	--	7	--	--	--
Building materials--solid elements	8	6	--	4	--	--	--	--	--	--	--	--	--	--
Structural metal materials	4	--	--	--	--	--	--	--	--	--	--	--	--	--
Fasteners, connectors, ropes, ties	7	--	--	--	--	4	1	--	--	--	--	--	--	--
Ropes, ties, chains	6	--	--	--	--	4	1	--	--	--	--	--	--	--
Rope, twine, string	6	--	--	--	--	4	1	--	--	--	--	--	--	--
Hoisting accessories	1	--	--	--	--	--	--	--	--	--	--	--	--	--
Machine, tool, and electric parts	13	7	--	5	--	6	--	--	--	--	6	--	--	--
Electric parts	13	7	--	5	--	6	--	--	--	--	6	--	--	--
Electrical wiring--building	1	1	--	1	--	--	--	--	--	--	--	--	--	--
Generators	2	--	--	--	--	2	--	--	--	--	2	--	--	--
Power lines, transformers, convertors	9	5	--	3	--	4	--	--	--	--	4	--	--	--
Vehicle and mobile equipment parts	5	--	--	--	--	1	--	--	--	--	--	--	--	1
Tires, inner tubes, wheels	1	--	--	--	--	1	--	--	--	--	--	--	--	1
Wheels, tire rims	1	--	--	--	--	1	--	--	--	--	--	--	--	1
Persons, plants, animals, and minerals	18	--	--	--	--	15	11	--	--	--	--	--	--	--
Animals	4	--	--	--	--	4	4	--	--	--	--	--	--	--
Mammals, except humans	4	--	--	--	--	4	4	--	--	--	--	--	--	--
Cattle and other bovines	4	--	--	--	--	4	4	--	--	--	--	--	--	--
Person--injured or ill worker	--	--	--	--	--	1	1	--	--	--	--	--	--	--
Bodily conditions of injured, ill worker	--	--	--	--	--	1	1	--	--	--	--	--	--	--
Plants, trees, vegetation--not processed	12	--	--	--	--	10	6	--	--	--	--	--	--	--
Trees, logs, limbs	12	--	--	--	--	10	6	--	--	--	--	--	--	--

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, Texas, 2017

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	
Trees	10	--	--	--	--	9	5	--	--	--	--	--	--	
Structures and surfaces	117	58	8	47	3	53	24	--	--	15	5	--	3	
Confined spaces	6	4	--	--	--	--	--	--	--	--	--	--	--	
Tank, bin, vat interiors	3	--	--	--	--	--	--	--	--	--	--	--	--	
Structures other than buildings	15	3	--	--	--	12	10	--	--	--	--	--	--	
Bridges, dams, locks	4	--	--	--	--	3	3	--	--	--	--	--	--	
Towers, poles	5	--	--	--	--	4	--	--	--	--	--	--	--	
Utility and telephone poles	4	--	--	--	--	3	--	--	--	--	--	--	--	
Other structures	5	--	--	--	--	4	4	--	--	--	--	--	--	
Guardrails, road dividers	3	--	--	--	--	3	3	--	--	--	--	--	--	
Other structural elements	7	4	--	4	--	--	--	--	--	--	--	--	1	
Entrances and exits	1	--	--	--	--	1	--	--	--	--	--	--	1	
Garage doors	1	--	--	--	--	1	--	--	--	--	--	--	1	
Ceilings, walls	--	1	--	1	--	--	--	--	--	--	--	--	--	
Walls	--	1	--	1	--	--	--	--	--	--	--	--	--	
Floors, walkways, ground surfaces	87	47	6	39	--	36	12	--	--	12	5	--	1	
Stairs, steps, escalators	1	1	--	1	--	--	--	--	--	--	--	--	--	
Stairs, steps--outdoors	1	1	--	1	--	--	--	--	--	--	--	--	--	
Floors	19	15	--	13	--	4	--	--	--	--	--	--	1	
Ground	43	23	3	19	--	18	3	--	--	8	--	--	--	
Sidewalks, paths, outdoor walkways	3	--	--	--	--	--	--	--	--	--	--	--	--	
Parking lots	8	3	--	3	--	4	--	--	--	--	--	--	--	
Parking lot--paved	8	3	--	3	--	4	--	--	--	--	--	--	--	
Curbs, traffic calming bumps, embankments	7	--	--	--	--	6	5	--	--	--	--	--	--	
Culverts, nonconfined ditches	3	--	--	--	--	--	--	--	--	--	--	--	--	
Other floors, walkways, ground surfaces	4	--	--	--	--	--	--	--	--	--	--	--	--	
Geographical structures	1	--	--	--	--	1	--	--	--	1	--	--	--	
Water bodies--natural	1	--	--	--	--	1	--	--	--	1	--	--	--	
Oceans	1	--	--	--	--	1	--	--	--	1	--	--	--	
Tools, instruments, and equipment	57	6	--	5	--	38	10	--	--	9	--	8	8	
Handtools--nonpowered	3	--	--	--	--	--	--	--	--	--	--	--	--	
Handtools--powered	3	--	--	--	--	--	--	--	--	--	--	--	--	
Firearms, law enforcement, and other self-defense equipment	49	4	--	3	--	33	9	--	--	7	--	8	6	
Firearms	48	4	--	3	--	33	9	--	--	7	--	8	6	
Pistol, handgun, revolver	41	3	--	--	--	30	8	--	--	5	--	8	6	
Rifle, shotgun	6	1	--	1	--	3	--	--	--	--	--	--	--	
Vehicles	94	30	18	9	3	54	40	1	--	6	--	--	4	
Highway vehicles, motorized	88	27	18	6	3	52	39	1	--	5	--	--	4	
Passenger vehicle--automobiles, buses, and passenger vans	10	--	--	--	--	8	4	--	--	--	--	--	--	
Automobile	8	--	--	--	--	6	--	--	--	--	--	--	--	
Trucks--motorized freight hauling and utility	52	15	10	3	--	34	31	--	--	--	--	--	--	
Semi, tractor-trailer, tanker truck	50	15	10	3	--	32	29	--	--	--	--	--	--	
Multi-purpose highway vehicles	26	11	7	3	--	10	4	1	--	4	--	--	--	
Pickup truck	20	9	6	3	--	7	4	--	--	--	--	--	--	
SUV, sports utility vehicle	6	--	--	--	--	--	--	1	--	--	--	--	--	
Off-road or industrial vehicles--powered	3	3	--	3	--	--	--	--	--	--	--	--	--	
Industrial vehicles, material hauling and transport--powered	3	3	--	3	--	--	--	--	--	--	--	--	--	
Forklift, order picker, platform truck--powered	3	3	--	3	--	--	--	--	--	--	--	--	--	
Other vehicles	1	--	--	--	--	--	--	--	--	--	--	--	--	
Other sources	9	5	--	4	--	3	--	--	--	--	--	--	1	

TABLE A-4. Fatal occupational injuries by primary and secondary source of injury for all fatal injuries and by major private industry¹ sector, Texas, 2017

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	
Environmental and elemental conditions	6	3	--	3	--	--	--	--	--	--	--	--	--	1
Weather and atmospheric conditions	5	3	--	3	--	--	--	--	--	--	--	--	--	1
Tornado, hurricane, typhoon	--	--	--	--	--	--	--	--	--	--	--	--	--	1

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 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, November 29, 2018

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Texas, 2017

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	534	73	234	9	93	49	74
Management occupations	16	4	10	--	--	--	--
Top executives	3	--	3	--	--	--	--
Other management occupations	13	4	7	--	--	--	--
Farmers, ranchers, and other agricultural managers	8	--	5	--	--	--	--
Farmers, ranchers, and other agricultural managers	8	--	5	--	--	--	--
Education administrators	1	--	--	--	--	--	--
Education administrators, elementary and secondary school	1	--	--	--	--	--	--
Food service managers	1	--	--	--	--	--	--
Food service managers	1	--	--	--	--	--	--
Business and financial operations occupations	3	--	--	--	3	--	--
Life, physical, and social science occupations	5	--	--	--	--	--	--
Arts, design, entertainment, sports, and media occupations	4	--	3	--	--	--	--
Art and design workers	1	--	--	--	--	--	--
Designers	1	--	--	--	--	--	--
Floral designers	1	--	--	--	--	--	--
Media and communication equipment workers	1	--	--	--	--	--	--
Broadcast and sound engineering technicians and radio operators	1	--	--	--	--	--	--
Radio operators	1	--	--	--	--	--	--
Healthcare practitioners and technical occupations	7	3	2	--	--	--	--
Health diagnosing and treating practitioners	5	--	2	--	--	--	--
Veterinarians	1	--	--	--	--	--	--
Veterinarians	1	--	--	--	--	--	--
Registered nurses	2	--	2	--	--	--	--
Registered nurses	2	--	2	--	--	--	--
Healthcare support occupations	--	--	--	--	--	--	--
Nursing, psychiatric, and home health aides	--	--	--	--	--	--	--
Nursing, psychiatric, and home health aides	--	--	--	--	--	--	--
Home health aides	1	--	--	--	--	--	--
Protective service occupations	32	19	7	--	4	--	--
Supervisors of protective service workers	5	3	--	--	--	--	--

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Texas, 2017

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
First-line supervisors of law enforcement workers	4	3	--	--	--	--	--
First-line supervisors of police and detectives	4	3	--	--	--	--	--
Fire fighting and prevention workers	3	--	--	--	--	--	--
Firefighters	3	--	--	--	--	--	--
Firefighters	3	--	--	--	--	--	--
Law enforcement workers	14	9	4	--	--	--	--
Police officers	11	7	3	--	--	--	--
Police and sheriff's patrol officers	11	7	3	--	--	--	--
Other protective service workers	10	6	--	--	--	--	--
Security guards and gaming surveillance officers	9	5	--	--	--	--	--
Security guards	9	5	--	--	--	--	--
Food preparation and serving related occupations	7	3	--	--	--	--	--
Supervisors of food preparation and serving workers	4	--	--	--	--	--	--
First-line supervisors of food preparation and serving workers	4	--	--	--	--	--	--
First-line supervisors of food preparation and serving workers	4	--	--	--	--	--	--
Food and beverage serving workers	--	1	--	--	--	--	--
Waiters and waitresses	--	1	--	--	--	--	--
Waiters and waitresses	--	1	--	--	--	--	--
Building and grounds cleaning and maintenance occupations	28	5	4	--	10	5	4
Supervisors of building and grounds cleaning and maintenance workers	5	--	--	--	--	2	--
First-line supervisors of building and grounds cleaning and maintenance workers	5	--	--	--	--	2	--
First-line supervisors of landscaping, lawn service, and groundskeeping workers	5	--	--	--	--	2	--
Building cleaning and pest control workers	5	--	--	--	3	--	--
Building cleaning workers	5	--	--	--	3	--	--
Janitors and cleaners, except maids and housekeeping cleaners	5	--	--	--	3	--	--
Grounds maintenance workers	18	--	4	--	6	3	3
Grounds maintenance workers	18	--	4	--	6	3	3
Landscaping and groundskeeping workers	13	--	4	--	3	--	--
Tree trimmers and pruners	5	--	--	--	3	--	--
Personal care and service occupations	6	--	--	--	--	--	--
Personal appearance workers	--	--	--	--	--	1	--

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Texas, 2017

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
Barbers, hairdressers, hairstylists and cosmetologists	--	--	--	--	--	1	--
Hairdressers, hairstylists, and cosmetologists	--	--	--	--	--	1	--
Other personal care and service workers	--	1	--	--	--	--	--
Personal care aides	--	1	--	--	--	--	--
Personal care aides	--	1	--	--	--	--	--
Sales and related occupations	14	8	3	--	3	--	--
Supervisors of sales workers	3	--	--	--	--	--	--
First-line supervisors of sales workers	3	--	--	--	--	--	--
Retail sales workers	7	5	--	--	--	--	--
Cashiers	3	3	--	--	--	--	--
Cashiers	3	3	--	--	--	--	--
Retail salespersons	4	--	--	--	--	--	--
Retail salespersons	4	--	--	--	--	--	--
Office and administrative support occupations	7	3	--	--	--	--	--
Supervisors of office and administrative support workers	1	1	--	--	--	--	--
First-line supervisors of office and administrative support workers	1	1	--	--	--	--	--
First-line supervisors of office and administrative support workers	1	1	--	--	--	--	--
Material recording, scheduling, dispatching, and distributing workers	3	--	--	--	--	--	--
Stock clerks and order fillers	1	--	--	--	1	--	--
Stock clerks and order fillers	1	--	--	--	1	--	--
Farming, fishing, and forestry occupations	19	3	8	--	--	--	3
Agricultural workers	17	--	7	--	--	--	3
Miscellaneous agricultural workers	17	--	7	--	--	--	3
Farmworkers and laborers, crop, nursery, and greenhouse	5	--	3	--	--	--	--
Farmworkers, farm, ranch, and aquacultural animals	10	--	3	--	--	--	--
Construction and extraction occupations	138	4	37	--	41	21	32
Supervisors of construction and extraction workers	15	--	6	--	4	--	--
First-line supervisors of construction trades and extraction workers	15	--	6	--	4	--	--
First-line supervisors of construction trades and extraction workers	15	--	6	--	4	--	--
Construction trades workers	102	4	23	--	37	14	22
Carpenters	9	--	--	--	4	--	1

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Texas, 2017

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
Carpenters	9	--	--	--	4	--	1
Construction laborers	43	--	14	--	12	4	11
Construction laborers	43	--	14	--	12	4	11
Construction equipment operators	7	--	5	--	--	--	--
Operating engineers and other construction equipment operators	4	--	--	--	--	--	--
Electricians	12	--	--	--	3	5	--
Electricians	12	--	--	--	3	5	--
Painters and paperhangers	5	--	--	--	3	--	--
Painters, construction and maintenance	5	--	--	--	3	--	--
Pipelayers, plumbers, pipefitters, and steamfitters	6	--	--	--	--	--	3
Plumbers, pipefitters, and steamfitters	4	--	--	--	--	--	--
Roofers	10	--	--	--	9	--	--
Roofers	10	--	--	--	9	--	--
Structural iron and steel workers	3	--	--	--	--	--	--
Structural iron and steel workers	3	--	--	--	--	--	--
Helpers, construction trades	3	--	--	--	--	--	--
Helpers, construction trades	3	--	--	--	--	--	--
Other construction and related workers	6	--	6	--	--	--	--
Construction and building inspectors	1	--	1	--	--	--	--
Construction and building inspectors	1	--	1	--	--	--	--
Highway maintenance workers	3	--	3	--	--	--	--
Highway maintenance workers	3	--	3	--	--	--	--
Extraction workers	12	--	--	--	--	3	7
Derrick, rotary drill, and service unit operators, oil, gas, and mining	3	--	--	--	--	--	--
Roustabouts, oil and gas	8	--	--	--	--	--	5
Roustabouts, oil and gas	8	--	--	--	--	--	5
Installation, maintenance, and repair occupations	45	7	14	--	7	7	10
Vehicle and mobile equipment mechanics, installers, and repairers	17	4	8	--	--	--	5
Automotive technicians and repairers	10	4	4	--	--	--	--
Automotive service technicians and mechanics	8	--	3	--	--	--	--
Bus and truck mechanics and diesel engine specialists	3	--	--	--	--	--	--
Bus and truck mechanics and diesel engine specialists	3	--	--	--	--	--	--
Other installation, maintenance, and repair occupations	25	--	6	--	6	7	5

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Texas, 2017

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
Heating, air conditioning, and refrigeration mechanics and installers	3	--	--	--	--	--	--
Heating, air conditioning, and refrigeration mechanics and installers	3	--	--	--	--	--	--
Line installers and repairers	7	--	--	--	--	4	--
Electrical power-line installers and repairers	4	--	--	--	--	4	--
Telecommunications line installers and repairers	3	--	--	--	--	--	--
Precision instrument and equipment repairers	1	--	--	--	--	1	--
Watch repairers	1	--	--	--	--	1	--
Maintenance and repair workers, general	9	--	4	--	--	--	--
Maintenance and repair workers, general	9	--	4	--	--	--	--
Miscellaneous installation, maintenance, and repair workers	3	--	--	--	--	--	--
Production occupations	24	--	4	--	7	5	4
Supervisors of production workers	5	--	--	--	--	--	--
First-line supervisors of production and operating workers	5	--	--	--	--	--	--
First-line supervisors of production and operating workers	5	--	--	--	--	--	--
Metal workers and plastic workers	4	--	--	--	--	--	--
Welding, soldering, and brazing workers	4	--	--	--	--	--	--
Welders, cutters, solderers, and brazers	3	--	--	--	--	--	--
Plant and system operators	5	1	--	--	--	--	--
Miscellaneous plant and system operators	4	1	--	--	--	--	--
Chemical plant and system operators	--	1	--	--	--	--	--
Petroleum pump system operators, refinery operators, and gaugers	3	--	--	--	--	--	--
Other production occupations	7	--	--	--	--	--	--
Inspectors, testers, sorters, samplers, and weighers	1	--	--	--	--	--	--
Inspectors, testers, sorters, samplers, and weighers	1	--	--	--	--	--	--
Miscellaneous production workers	4	--	--	--	--	--	--
Transportation and material moving occupations	169	5	131	--	10	4	18
Supervisors, transportation and material moving workers	3	--	--	--	--	--	--
First-line supervisors of transportation and material-moving machine and vehicle operators	3	--	--	--	--	--	--
First-line supervisors of transportation and material-moving machine and vehicle operators	3	--	--	--	--	--	--
Air transportation workers	5	--	5	--	--	--	--
Aircraft pilots and flight engineers	5	--	5	--	--	--	--

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Texas, 2017

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
Commercial pilots	5	--	5	--	--	--	--
Motor vehicle operators	124	3	106	--	3	--	9
Driver/sales workers and truck drivers	116	--	100	--	3	--	9
Driver/sales workers	6	--	5	--	--	--	--
Heavy and tractor-trailer truck drivers	99	--	84	--	3	--	8
Light truck or delivery services drivers	11	--	11	--	--	--	--
Taxi drivers and chauffeurs	4	--	--	--	--	--	--
Taxi drivers and chauffeurs	4	--	--	--	--	--	--
Miscellaneous motor vehicle operators	3	--	3	--	--	--	--
Rail transportation workers	1	--	1	--	--	--	--
Railroad brake, signal, and switch operators	1	--	1	--	--	--	--
Railroad brake, signal, and switch operators	1	--	1	--	--	--	--
Water transportation workers	4	--	4	--	--	--	--
Ship and boat captains and operators	2	--	--	--	--	--	--
Captains, mates, and pilots of water vessels	2	--	--	--	--	--	--
Material moving workers	31	--	14	--	6	--	7
Laborers and material movers, hand	24	--	11	--	5	--	5
Laborers and freight, stock, and material movers, hand	20	--	8	--	5	--	4
Refuse and recyclable material collectors	3	--	--	--	--	--	--
Refuse and recyclable material collectors	3	--	--	--	--	--	--
Military specific occupations⁵	5	1	3	--	1	--	--

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Texas, 2017

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/oshcfdef.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, November 29, 2018

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Texas, 2017

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	534	234	160	11	44	35	28
Management occupations	16	10	5	--	--	--	--
Top executives	3	3	--	--	--	--	--
Other management occupations	13	7	3	--	--	--	--
Farmers, ranchers, and other agricultural managers	8	5	--	--	--	--	--
Farmers, ranchers, and other agricultural managers	8	5	--	--	--	--	--
Education administrators	1	--	--	--	--	--	--
Education administrators, elementary and secondary school	1	--	--	--	--	--	--
Food service managers	1	--	--	--	--	--	--
Food service managers	1	--	--	--	--	--	--
Business and financial operations occupations	3	--	--	--	--	--	--
Life, physical, and social science occupations	5	--	--	--	--	--	--
Arts, design, entertainment, sports, and media occupations	4	3	3	--	--	--	--
Art and design workers	1	--	--	--	--	--	--
Designers	1	--	--	--	--	--	--
Floral designers	1	--	--	--	--	--	--
Media and communication equipment workers	1	--	--	--	--	--	--
Broadcast and sound engineering technicians and radio operators	1	--	--	--	--	--	--
Radio operators	1	--	--	--	--	--	--
Healthcare practitioners and technical occupations	7	2	--	--	--	--	--
Health diagnosing and treating practitioners	5	2	--	--	--	--	--
Veterinarians	1	--	--	--	--	--	--
Veterinarians	1	--	--	--	--	--	--
Registered nurses	2	2	--	--	--	--	--
Registered nurses	2	2	--	--	--	--	--
Healthcare support occupations	--	--	--	--	--	--	--
Nursing, psychiatric, and home health aides	--	--	--	--	--	--	--
Nursing, psychiatric, and home health aides	--	--	--	--	--	--	--
Home health aides	1	--	--	--	--	--	--
Protective service occupations	32	7	5	--	--	10	9
Supervisors of protective service workers	5	--	--	--	--	--	--

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Texas, 2017

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
First-line supervisors of law enforcement workers	4	--	--	--	--	--	--
First-line supervisors of police and detectives	4	--	--	--	--	--	--
Fire fighting and prevention workers	3	--	--	--	--	--	--
Firefighters	3	--	--	--	--	--	--
Firefighters	3	--	--	--	--	--	--
Law enforcement workers	14	4	4	--	--	6	5
Police officers	11	3	3	--	--	6	5
Police and sheriff's patrol officers	11	3	3	--	--	6	5
Other protective service workers	10	--	--	--	--	3	3
Security guards and gaming surveillance officers	9	--	--	--	--	3	3
Security guards	9	--	--	--	--	3	3
Food preparation and serving related occupations	7	--	--	--	--	--	--
Supervisors of food preparation and serving workers	4	--	--	--	--	--	--
First-line supervisors of food preparation and serving workers	4	--	--	--	--	--	--
First-line supervisors of food preparation and serving workers	4	--	--	--	--	--	--
Food and beverage serving workers	--	--	--	--	--	1	1
Waiters and waitresses	--	--	--	--	--	1	1
Waiters and waitresses	--	--	--	--	--	1	1
Building and grounds cleaning and maintenance occupations	28	4	--	--	--	3	3
Supervisors of building and grounds cleaning and maintenance workers	5	--	--	--	--	--	--
First-line supervisors of building and grounds cleaning and maintenance workers	5	--	--	--	--	--	--
First-line supervisors of landscaping, lawn service, and groundskeeping workers	5	--	--	--	--	--	--
Building cleaning and pest control workers	5	--	--	--	--	--	--
Building cleaning workers	5	--	--	--	--	--	--
Janitors and cleaners, except maids and housekeeping cleaners	5	--	--	--	--	--	--
Grounds maintenance workers	18	4	--	--	--	--	--
Grounds maintenance workers	18	4	--	--	--	--	--
Landscaping and groundskeeping workers	13	4	--	--	--	--	--
Tree trimmers and pruners	5	--	--	--	--	--	--
Personal care and service occupations	6	--	--	--	--	--	--
Other personal care and service workers	--	--	--	--	--	1	--

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Texas, 2017

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
Personal care aides	--	--	--	--	--	1	--
Personal care aides	--	--	--	--	--	1	--
Sales and related occupations	14	3	--	--	--	7	7
Supervisors of sales workers	3	--	--	--	--	--	--
First-line supervisors of sales workers	3	--	--	--	--	--	--
Retail sales workers	7	--	--	--	--	5	5
Cashiers	3	--	--	--	--	3	3
Cashiers	3	--	--	--	--	3	3
Retail salespersons	4	--	--	--	--	--	--
Retail salespersons	4	--	--	--	--	--	--
Office and administrative support occupations	7	--	--	--	--	--	--
Supervisors of office and administrative support workers	1	--	--	--	--	1	1
First-line supervisors of office and administrative support workers	1	--	--	--	--	1	1
First-line supervisors of office and administrative support workers	1	--	--	--	--	1	1
Material recording, scheduling, dispatching, and distributing workers	3	--	--	--	--	--	--
Stock clerks and order fillers	1	--	--	--	--	--	--
Stock clerks and order fillers	1	--	--	--	--	--	--
Farming, fishing, and forestry occupations	19	8	--	4	3	--	--
Agricultural workers	17	7	--	4	3	--	--
Miscellaneous agricultural workers	17	7	--	4	3	--	--
Farmworkers and laborers, crop, nursery, and greenhouse	5	3	--	--	--	--	--
Farmworkers, farm, ranch, and aquacultural animals	10	3	--	3	--	--	--
Construction and extraction occupations	138	37	22	--	15	--	--
Supervisors of construction and extraction workers	15	6	4	--	--	--	--
First-line supervisors of construction trades and extraction workers	15	6	4	--	--	--	--
First-line supervisors of construction trades and extraction workers	15	6	4	--	--	--	--
Construction trades workers	102	23	13	--	10	--	--
Carpenters	9	--	--	--	--	--	--
Carpenters	9	--	--	--	--	--	--
Construction laborers	43	14	9	--	5	--	--
Construction laborers	43	14	9	--	5	--	--

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Texas, 2017

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
Construction equipment operators	7	5	--	--	--	--	--
Operating engineers and other construction equipment operators	4	--	--	--	--	--	--
Electricians	12	--	--	--	--	--	--
Electricians	12	--	--	--	--	--	--
Painters and paperhangers	5	--	--	--	--	--	--
Painters, construction and maintenance	5	--	--	--	--	--	--
Pipelayers, plumbers, pipefitters, and steamfitters	6	--	--	--	--	--	--
Plumbers, pipefitters, and steamfitters	4	--	--	--	--	--	--
Roofers	10	--	--	--	--	--	--
Roofers	10	--	--	--	--	--	--
Structural iron and steel workers	3	--	--	--	--	--	--
Structural iron and steel workers	3	--	--	--	--	--	--
Helpers, construction trades	3	--	--	--	--	--	--
Helpers, construction trades	3	--	--	--	--	--	--
Other construction and related workers	6	6	3	--	3	--	--
Construction and building inspectors	1	1	--	--	1	--	--
Construction and building inspectors	1	1	--	--	1	--	--
Highway maintenance workers	3	3	--	--	--	--	--
Highway maintenance workers	3	3	--	--	--	--	--
Extraction workers	12	--	--	--	--	--	--
Derrick, rotary drill, and service unit operators, oil, gas, and mining	3	--	--	--	--	--	--
Roustabouts, oil and gas	8	--	--	--	--	--	--
Roustabouts, oil and gas	8	--	--	--	--	--	--
Installation, maintenance, and repair occupations	45	14	10	--	3	--	--
Vehicle and mobile equipment mechanics, installers, and repairers	17	8	5	--	--	--	--
Automotive technicians and repairers	10	4	--	--	--	--	--
Automotive service technicians and mechanics	8	3	--	--	--	--	--
Bus and truck mechanics and diesel engine specialists	3	--	--	--	--	--	--
Bus and truck mechanics and diesel engine specialists	3	--	--	--	--	--	--
Other installation, maintenance, and repair occupations	25	6	5	--	--	--	--
Heating, air conditioning, and refrigeration mechanics and installers	3	--	--	--	--	--	--
Heating, air conditioning, and refrigeration mechanics and installers	3	--	--	--	--	--	--

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Texas, 2017

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
Line installers and repairers	7	--	--	--	--	--	--
Electrical power-line installers and repairers	4	--	--	--	--	--	--
Telecommunications line installers and repairers	3	--	--	--	--	--	--
Precision instrument and equipment repairers	1	--	--	--	--	--	--
Watch repairers	1	--	--	--	--	--	--
Maintenance and repair workers, general	9	4	3	--	--	--	--
Maintenance and repair workers, general	9	4	3	--	--	--	--
Miscellaneous installation, maintenance, and repair workers	3	--	--	--	--	--	--
Production occupations	24	4	--	--	--	--	--
Supervisors of production workers	5	--	--	--	--	--	--
First-line supervisors of production and operating workers	5	--	--	--	--	--	--
First-line supervisors of production and operating workers	5	--	--	--	--	--	--
Metal workers and plastic workers	4	--	--	--	--	--	--
Welding, soldering, and brazing workers	4	--	--	--	--	--	--
Welders, cutters, solderers, and brazers	3	--	--	--	--	--	--
Plant and system operators	5	--	--	--	--	--	--
Miscellaneous plant and system operators	4	--	--	--	--	--	--
Petroleum pump system operators, refinery operators, and gaugers	3	--	--	--	--	--	--
Other production occupations	7	--	--	--	--	--	--
Inspectors, testers, sorters, samplers, and weighers	1	--	--	--	--	--	--
Inspectors, testers, sorters, samplers, and weighers	1	--	--	--	--	--	--
Miscellaneous production workers	4	--	--	--	--	--	--
Transportation and material moving occupations	169	131	102	3	14	3	1
Supervisors, transportation and material moving workers	3	--	--	--	--	--	--
First-line supervisors of transportation and material-moving machine and vehicle operators	3	--	--	--	--	--	--
First-line supervisors of transportation and material-moving machine and vehicle operators	3	--	--	--	--	--	--
Air transportation workers	5	5	--	--	--	--	--
Aircraft pilots and flight engineers	5	5	--	--	--	--	--
Commercial pilots	5	5	--	--	--	--	--
Motor vehicle operators	124	106	93	--	10	--	1
Driver/sales workers and truck drivers	116	100	88	--	9	--	--
Driver/sales workers	6	5	5	--	--	--	--

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Texas, 2017

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
Heavy and tractor-trailer truck drivers	99	84	74	--	7	--	--
Light truck or delivery services drivers	11	11	9	--	--	--	--
Taxi drivers and chauffeurs	4	--	--	--	--	--	1
Taxi drivers and chauffeurs	4	--	--	--	--	--	1
Miscellaneous motor vehicle operators	3	3	3	--	--	--	--
Rail transportation workers	1	1	--	--	--	--	--
Railroad brake, signal, and switch operators	1	1	--	--	--	--	--
Railroad brake, signal, and switch operators	1	1	--	--	--	--	--
Water transportation workers	4	4	--	--	--	--	--
Ship and boat captains and operators	2	--	--	--	--	--	--
Captains, mates, and pilots of water vessels	2	--	--	--	--	--	--
Material moving workers	31	14	8	--	4	--	--
Laborers and material movers, hand	24	11	7	--	--	--	--
Laborers and freight, stock, and material movers, hand	20	8	6	--	--	--	--
Refuse and recyclable material collectors	3	--	--	--	--	--	--
Refuse and recyclable material collectors	3	--	--	--	--	--	--
Military specific occupations³	5	3	--	--	--	--	--

TABLE A-6. Fatal occupational injuries resulting from transportation incidents and homicides by occupation, Texas, 2017

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/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 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, November 29, 2018

Table A-7. Fatal occupational injuries by worker characteristics and event or exposure, Texas, 2017

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	534	234	73	74	93	49	9
Employee status							
Wage and salary ⁴	441	197	62	66	72	34	9
Self-employed ⁵	93	37	11	8	21	15	--
Gender							
Women	38	14	8	5	7	--	1
Men	496	220	65	69	86	47	8
Age							
Under 16 years	--	--	--	--	--	--	--
16 to 17 years	--	--	--	--	--	--	--
18 to 19 years	7	4	--	--	--	--	--
20 to 24 years	47	19	7	9	--	7	--
25 to 34 years	96	39	11	13	19	13	--
35 to 44 years	99	44	15	14	15	8	--
45 to 54 years	120	55	15	21	17	11	--
55 to 64 years	119	52	19	12	27	6	--
65 years and over	45	21	5	3	13	3	--
Race or ethnic origin⁶							
White (non-Hispanic)	241	107	35	30	35	25	8
Black or African-American (non-Hispanic)	60	30	13	6	6	4	--
Hispanic or Latino	219	92	22	35	50	19	--
American Indian or Alaska Native (non-Hispanic)	--	--	--	--	--	--	--
Asian (non-Hispanic)	10	--	3	3	--	1	--
Native Hawaiian or Pacific Islander (non-Hispanic)	--	--	--	--	--	--	--

Table A-7. Fatal occupational injuries by worker characteristics and event or exposure, Texas, 2017

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, November 29, 2018

TABLE A-8. Fatal occupational injuries by event or exposure and age, Texas, 2017

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	534	--	--	7	47	96	99	120	119	45
Violence and other injuries by persons or animals	73	--	--	--	7	11	15	15	19	5
Intentional injury by person	63	--	--	--	7	9	14	11	17	4
Homicides (Intentional injury by other person)	35	--	--	--	4	8	4	6	11	--
Shooting by other person--intentional	28	--	--	--	4	7	3	5	8	--
Hitting, kicking, beating, shoving	3	--	--	--	--	--	--	--	--	--
Suicides (Self-inflicted injury--intentional)	28	--	--	--	3	--	10	5	6	3
Shooting--intentional self-harm	19	--	--	--	--	--	6	4	6	--
Hanging, strangulation, asphyxiation--intentional self-harm	8	--	--	--	--	--	3	1	--	--
Injury by person--unintentional or intent unknown	4	--	--	--	--	--	--	--	--	--
Injury by other person--unintentional or intent unknown	4	--	--	--	--	--	--	--	--	--
Shooting by other person--unintentional	1	--	--	--	--	--	--	--	--	--
Animal and insect related incidents	6	--	--	--	--	--	--	4	--	--
Bites and stings	4	--	--	--	--	--	--	3	--	--
Transportation incidents	234	--	--	4	19	39	44	55	52	21
Aircraft incidents	12	--	--	--	--	4	--	--	3	1
Aircraft crash during takeoff or landing	5	--	--	--	--	--	--	--	--	--
Aircraft crash during takeoff or landing--into structure, object, or around	5	--	--	--	--	--	--	--	--	--
Aircraft crash due to low-altitude entanglement	1	--	--	--	--	1	--	--	--	--
Other in-flight crash	6	--	--	--	--	2	--	--	--	1
Other in-flight crash due to mechanical failure	1	--	--	--	--	1	--	--	--	--
Other in-flight crash into structure, object, or ground	3	--	--	--	--	1	--	--	--	--
Rail vehicle incidents	3	--	--	--	--	--	--	1	--	--
Derailment	1	--	--	--	--	--	--	1	--	--
Pedestrian vehicular incident	44	--	--	1	--	5	12	11	10	4
Pedestrian struck by vehicle in work zone	11	--	--	1	--	--	3	--	3	--
Pedestrian struck by forward-moving vehicle in work zone	10	--	--	1	--	--	3	--	3	--
Pedestrian struck by vehicle in roadway	7	--	--	--	--	--	3	3	--	--
Pedestrian struck by forward-moving vehicle in roadway	7	--	--	--	--	--	3	3	--	--
Pedestrian struck by vehicle on side of road	3	--	--	--	--	--	--	--	--	--
Pedestrian struck by forward-moving vehicle on side of road	3	--	--	--	--	--	--	--	--	--
Pedestrian struck by vehicle in nonroadway area	20	--	--	--	--	4	4	4	4	4
Pedestrian struck by forward-moving vehicle in nonroadway area	14	--	--	--	--	--	--	4	4	--
Pedestrian struck by vehicle backing up in nonroadway area	6	--	--	--	--	--	--	--	--	--

TABLE A-8. Fatal occupational injuries by event or exposure and age, Texas, 2017

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
Water vehicle incidents	4	--	--	--	--	2	--	--	--	--
Explosion or fire on water vehicle	2	--	--	--	--	2	--	--	--	--
Roadway incidents involving motorized land vehicle	160	--	--	3	15	25	25	42	37	13
Roadway collision with other vehicle	82	--	--	--	8	17	14	17	17	7
Roadway collision--moving in same direction	24	--	--	--	--	7	7	3	5	--
Roadway collision--moving in opposite directions, oncoming	28	--	--	--	4	--	3	10	7	--
Roadway collision--moving perpendicularly	18	--	--	--	--	4	--	3	4	3
Roadway collision--moving and standing vehicle in roadway	9	--	--	--	--	3	--	--	--	--
Roadway collision with object other than vehicle	37	--	--	--	--	3	7	12	7	4
Vehicle struck object or animal in roadway	8	--	--	--	--	--	--	--	3	--
Vehicle struck object or animal on side of roadway	29	--	--	--	--	--	7	12	4	3
Roadway noncollision incident	40	--	--	--	4	5	4	13	12	--
Jack-knifed or overturned, roadway	31	--	--	--	--	5	3	10	11	--
Nonroadway incident involving motorized land vehicles	11	--	--	--	--	--	3	--	--	3
Nonroadway noncollision incident	10	--	--	--	--	--	3	--	--	--
Jack-knifed or overturned, nonroadway	9	--	--	--	--	--	--	--	--	--
Fires and explosions	9	--	--	--	--	--	--	--	--	--
Fires	--	--	--	--	--	--	--	--	--	--
Forest or brush fire	--	--	--	--	--	--	1	--	--	--
Explosions	5	--	--	--	--	--	--	--	--	--
Falls, slips, trips	93	--	--	--	--	19	15	17	27	13
Falls on same level	12	--	--	--	--	--	--	1	5	4
Fall on same level due to tripping	6	--	--	--	--	--	--	--	3	3
Fall on same level due to slipping	--	--	--	--	--	--	--	1	--	--
Falls to lower level	81	--	--	--	--	17	15	16	22	9
Fall from collapsing structure or equipment	3	--	--	--	--	--	--	--	--	--
Fall through surface or existing opening	7	--	--	--	--	--	--	--	--	--
Fall through surface or existing opening more than 30 feet	3	--	--	--	--	--	--	--	--	--
Other fall to lower level	71	--	--	--	--	13	13	14	21	8
Other fall to lower level less than 6 feet	9	--	--	--	--	--	3	--	--	--
Other fall to lower level 6 to 10 feet	8	--	--	--	--	--	--	1	4	--
Other fall to lower level 11 to 15 feet	20	--	--	--	--	4	3	6	4	3
Other fall to lower level 16 to 20 feet	8	--	--	--	--	--	4	--	--	--
Other fall to lower level 21 to 25 feet	4	--	--	--	--	--	--	--	--	--
Other fall to lower level 26 to 30 feet	3	--	--	--	--	--	--	--	--	--
Other fall to lower level more than 30 feet	11	--	--	--	--	4	--	--	4	--
Exposure to harmful substances or environments	49	--	--	--	7	13	8	11	6	3
Exposure to electricity	26	--	--	--	5	10	6	--	--	--

TABLE A-8. Fatal occupational injuries by event or exposure and age, Texas, 2017

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
Direct exposure to electricity	18	--	--	--	3	7	5	--	--	--
Direct exposure to electricity, 220 volts or less	8	--	--	--	--	--	3	--	--	--
Direct exposure to electricity, greater than 220 volts	10	--	--	--	1	5	--	--	--	--
Indirect exposure to electricity	8	--	--	--	--	3	--	--	--	--
Indirect exposure to electricity, greater than 220 volts	8	--	--	--	--	3	--	--	--	--
Exposure to temperature extremes	6	--	--	--	--	--	--	3	--	--
Exposure to environmental heat	5	--	--	--	--	--	--	--	--	--
Exposure to other harmful substances	12	--	--	--	--	--	1	4	--	1
Nonmedical use of drugs or alcohol--unintentional overdose	8	--	--	--	--	--	1	--	--	--
Inhalation of harmful substance	4	--	--	--	--	--	--	--	--	1
Inhalation of harmful substance--single episode	4	--	--	--	--	--	--	--	--	1
Exposure to oxygen deficiency, n.e.c.	5	--	--	--	--	--	--	3	--	--
Drowning, submersion, n.e.c.	4	--	--	--	--	--	--	--	--	--
Contact with objects and equipment	74	--	--	--	9	13	14	21	12	3
Struck by object or equipment	47	--	--	--	5	9	9	12	8	3
Struck by powered vehicle--nontransport	20	--	--	--	--	1	4	5	5	3
Caught between rolling powered vehicle and other object	1	--	--	--	--	--	--	--	--	--
Struck or run over by rolling powered vehicle	8	--	--	--	--	--	--	--	--	3
Struck by falling part of powered vehicle still attached	--	--	--	--	--	1	--	--	--	--
Struck by powered vehicle tipping over--nontransport	3	--	--	--	--	--	--	--	--	--
Struck by other falling powered vehicle	3	--	--	--	--	--	--	--	--	--
Struck by falling object or equipment--other than powered vehicle	21	--	--	--	3	5	5	6	--	--
Struck by object falling from vehicle or machinery--other than vehicle part	10	--	--	--	--	3	--	3	--	--
Struck by discharged or flying object	4	--	--	--	--	--	--	--	--	--
Caught in or compressed by equipment or objects	11	--	--	--	--	--	--	4	3	--
Caught in running equipment or machinery	8	--	--	--	--	--	--	3	--	--
Caught in running equipment or machinery during regular operation	6	--	--	--	--	--	--	--	--	--
Struck, caught, or crushed in collapsing structure, equipment, or material	14	--	--	--	--	--	5	5	--	--
Excavation or trenching cave-in	4	--	--	--	--	--	--	--	--	--
Struck, caught, or crushed in other collapsing structure or equipment	5	--	--	--	--	--	3	--	--	--
Engulfment in other collapsing material	5	--	--	--	--	--	1	3	--	--

TABLE A-8. Fatal occupational injuries by event or exposure and age, Texas, 2017

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, November 29, 2018

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry¹ sector, Texas, 2017

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	534	218	71	129	18	273	147	4	6	59	13	17	26
Violence and other injuries by persons or animals	73	13	5	7	--	44	12	--	--	11	5	9	6
Intentional injury by person	63	7	--	4	--	43	12	--	--	10	5	9	6
Homicides (Intentional injury by other person)	35	--	--	--	--	26	9	--	--	5	3	5	4
Shooting by other person--intentional	28	--	--	--	--	21	7	--	--	4	--	5	4
Hitting, kicking, beating, shoving	3	--	--	--	--	--	--	--	--	--	--	--	--
Suicides (Self-inflicted injury--intentional)	28	5	--	3	--	17	3	--	--	5	--	4	--
Shooting--intentional self-harm	19	--	--	--	--	12	--	--	--	3	--	3	--
Hanging, strangulation, asphyxiation--intentional self-harm	8	3	--	--	--	4	--	--	--	--	--	--	--
Injury by person--unintentional or intent unknown	4	--	--	--	--	--	--	--	--	--	--	--	--
Injury by other person--unintentional or intent unknown	4	--	--	--	--	--	--	--	--	--	--	--	--
Shooting by other person--unintentional	1	1	--	1	--	--	--	--	--	--	--	--	--
Animal and insect related incidents	6	4	3	--	--	--	--	--	--	--	--	--	--
Bites and stings	4	--	--	--	--	--	--	--	--	--	--	--	--
Transportation incidents	234	75	39	30	6	143	104	--	--	19	--	--	9
Aircraft incidents	12	4	4	--	--	6	1	--	--	--	3	--	--
Aircraft crash during takeoff or landing	5	--	--	--	--	4	1	--	--	--	3	--	--
Aircraft crash during takeoff or landing--into structure, object, or ground	5	--	--	--	--	4	1	--	--	--	3	--	--
Aircraft crash due to low-altitude entanglement	1	1	1	--	--	--	--	--	--	--	--	--	--
Other in-flight crash	6	2	2	--	--	--	--	--	--	--	--	--	--
Other in-flight crash due to mechanical failure	1	--	--	--	--	--	--	--	--	--	--	--	--
Other in-flight crash into structure, object, or ground	3	1	1	--	--	--	--	--	--	--	--	--	--
Rail vehicle incidents	3	--	--	--	--	3	--	--	--	--	--	--	--
Derailment	1	--	--	--	--	1	1	--	--	--	--	--	--
Pedestrian vehicular incident	44	16	3	12	--	25	14	--	--	6	--	--	--
Pedestrian struck by vehicle in work zone	11	6	--	6	--	--	--	--	--	--	--	--	--
Pedestrian struck by forward-moving vehicle in work zone	10	6	--	6	--	--	--	--	--	--	--	--	--
Pedestrian struck by vehicle in roadway	7	--	--	--	--	6	4	--	--	--	--	--	--
Pedestrian struck by forward-moving vehicle in roadway	7	--	--	--	--	6	4	--	--	--	--	--	--
Pedestrian struck by vehicle on side of road	3	--	--	--	--	3	3	--	--	--	--	--	--
Pedestrian struck by forward-moving vehicle on side of road	3	--	--	--	--	3	3	--	--	--	--	--	--
Pedestrian struck by vehicle in nonroadway area	20	7	3	3	--	13	7	--	--	--	--	--	--
Pedestrian struck by forward-moving vehicle in nonroadway area	14	3	--	--	--	11	5	--	--	--	--	--	--
Pedestrian struck by vehicle backing up in nonroadway area	6	4	--	--	--	--	--	--	--	--	--	--	--
Water vehicle incidents	4	--	--	--	--	4	4	--	--	--	--	--	--
Explosion or fire on water vehicle	2	--	--	--	--	2	2	--	--	--	--	--	--
Roadway incidents involving motorized land vehicle	160	48	26	18	4	101	80	--	--	9	--	--	6
Roadway collision with other vehicle	82	22	16	5	--	51	38	--	--	5	--	--	4
Roadway collision--moving in same direction	24	6	3	3	--	17	12	--	--	--	--	--	--
Roadway collision--moving in opposite directions, oncoming	28	7	6	--	--	17	13	--	--	--	--	--	3
Roadway collision--moving perpendicularly	18	7	6	--	--	10	6	--	--	--	--	--	--
Roadway collision--moving and standing vehicle in roadway	9	--	--	--	--	6	6	--	--	--	--	--	--
Roadway collision with object other than vehicle	37	5	--	3	--	31	25	--	--	--	--	--	--
Vehicle struck object or animal in roadway	8	--	--	--	--	7	6	--	--	--	--	--	--

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry¹ sector, Texas, 2017

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	
Vehicle struck object or animal on side of roadway	29	4	--	--	--	24	19	--	--	--	--	--	--	
Roadway noncollision incident	40	21	10	10	--	18	16	--	--	--	--	--	--	
Jack-knifed or overturned, roadway	31	14	9	4	--	17	15	--	--	--	--	--	--	
Nonroadway incident involving motorized land vehicles	11	7	6	--	--	4	3	--	--	--	--	--	--	
Nonroadway noncollision incident	10	6	5	--	--	4	3	--	--	--	--	--	--	
Jack-knifed or overturned, nonroadway	9	5	4	--	--	4	3	--	--	--	--	--	--	
Fires and explosions	9	6	5	--	--	--	--	--	--	--	--	--	--	
Explosions	5	3	--	--	--	--	--	--	--	--	--	--	--	
Falls, slips, trips	93	48	--	44	--	39	13	--	--	16	--	--	--	
Falls on same level	12	3	--	--	--	7	4	--	--	--	--	--	--	
Fall on same level due to tripping	6	--	--	--	--	4	--	--	--	--	--	--	--	
Falls to lower level	81	45	--	42	--	32	9	--	--	15	--	--	--	
Fall from collapsing structure or equipment	3	--	--	--	--	--	--	--	--	--	--	--	--	
Fall through surface or existing opening	7	7	--	7	--	--	--	--	--	--	--	--	--	
Fall through surface or existing opening more than 30 feet	3	3	--	3	--	--	--	--	--	--	--	--	--	
Other fall to lower level	71	36	--	33	--	31	9	--	--	15	--	--	--	
Other fall to lower level less than 6 feet	9	--	--	--	--	7	--	--	--	4	--	--	--	
Other fall to lower level 6 to 10 feet	8	3	1	--	--	5	--	--	--	--	--	--	1	
Other fall to lower level 11 to 15 feet	20	15	--	14	--	4	--	--	--	--	--	--	--	
Other fall to lower level 16 to 20 feet	8	5	--	5	--	3	--	--	--	--	--	--	--	
Other fall to lower level 21 to 25 feet	4	3	--	3	--	--	--	--	--	--	--	--	--	
Other fall to lower level 26 to 30 feet	3	--	--	--	--	--	--	--	--	--	--	--	--	
Other fall to lower level more than 30 feet	11	3	--	--	--	7	--	--	--	6	--	--	--	
Exposure to harmful substances or environments	49	29	4	23	--	17	4	--	--	6	--	--	4	
Exposure to electricity	26	21	--	19	--	5	--	--	--	3	--	--	--	
Direct exposure to electricity	18	17	--	16	--	--	--	--	--	--	--	--	--	
Direct exposure to electricity, 220 volts or less	8	8	--	7	--	--	--	--	--	--	--	--	--	
Direct exposure to electricity, greater than 220 volts	10	9	--	9	--	--	--	--	--	--	--	--	--	
Indirect exposure to electricity	8	4	--	3	--	4	--	--	--	3	--	--	--	
Indirect exposure to electricity, greater than 220 volts	8	4	--	3	--	4	--	--	--	3	--	--	--	
Exposure to temperature extremes	6	3	1	--	--	3	--	--	--	--	--	--	--	
Exposure to environmental heat	5	3	1	--	--	--	--	--	--	--	--	--	--	
Exposure to other harmful substances	12	5	--	3	--	6	--	--	--	--	--	--	1	
Nonmedical use of drugs or alcohol--unintentional overdose	8	4	--	3	--	4	--	--	--	--	--	--	1	
Inhalation of harmful substance	4	--	--	--	--	2	--	--	--	2	--	--	--	
Inhalation of harmful substance--single episode	4	--	--	--	--	2	--	--	--	2	--	--	--	
Exposure to oxygen deficiency, n.e.c.	5	--	--	--	--	3	--	--	--	--	--	--	--	
Drowning, submersion, n.e.c.	4	--	--	--	--	--	--	--	--	--	--	--	1	
Contact with objects and equipment	74	46	16	23	7	27	13	--	--	7	--	--	4	
Struck by object or equipment	47	29	12	13	4	17	9	--	--	4	--	--	3	
Struck by powered vehicle--nontransport	20	9	5	4	--	10	4	--	--	--	--	--	3	
Caught between rolling powered vehicle and other object	1	1	--	1	--	--	--	--	--	--	--	--	--	
Struck or run over by rolling powered vehicle	8	--	--	--	--	6	4	--	--	--	--	--	--	
Struck by powered vehicle tipping over--nontransport	3	3	--	--	--	--	--	--	--	--	--	--	--	
Struck by other falling powered vehicle	3	--	--	--	--	--	--	--	--	--	--	--	--	
Struck by falling object or equipment--other than powered vehicle	21	15	4	7	4	6	5	--	--	--	--	--	--	
Struck by object falling from vehicle or machinery--other than vehicle part	10	6	--	--	--	4	4	--	--	--	--	--	--	
Struck by discharged or flying object	4	3	--	--	--	--	--	--	--	--	--	--	--	

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry¹ sector, Texas, 2017

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 or slipping object, other than handheld	--	--	1	--	--	--	--	--	--	--	--	--	--
Caught in or compressed by equipment or objects	11	6	--	--	--	5	--	--	--	--	--	--	--
Caught in running equipment or machinery	8	4	--	--	--	4	1	--	--	--	--	--	--
Caught in running equipment or machinery during regular operation	6	4	--	--	--	--	1	--	--	--	--	--	--
Struck, caught, or crushed in collapsing structure, equipment, or material	14	9	--	7	--	5	--	--	--	--	--	--	--
Excavation or trenching cave-in	4	4	--	4	--	--	--	--	--	--	--	--	--
Struck, caught, or crushed in other collapsing structure or equipment	5	--	--	--	--	--	--	--	--	--	--	--	--
Engulfment in other collapsing material	5	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/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.

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, November 29, 2018