

**TABLE A-1. Fatal occupational injuries by industry and event or exposure, Texas, 2019**

Industry <sup>1</sup>	NAICS code <sup>1</sup>	Total fatal injuries (number)	Event or exposure <sup>2</sup>					
			Violence and other injuries by persons or animals <sup>3</sup>	Transportation incidents <sup>4</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
<b>Total</b>		608	86	283	18	96	60	63
<b>Private industry</b>		573	74	267	18	--	60	--
<b>Goods producing</b>		--	--	--	--	--	--	--
<b>Natural resources and mining</b>		72	--	--	6	--	7	--
<b>Agriculture, forestry, fishing and hunting</b>		23	--	--	--	--	--	--
Crop production	111	3	--	--	--	--	--	--
Animal production and aquaculture	112	13	--	--	--	--	--	--
Fishing, hunting and trapping	114	1	--	--	--	--	--	--
Fishing	1141	1	--	--	--	--	--	--
Fishing	11411	1	--	--	--	--	--	--
Shellfish fishing	114112	1	--	--	--	--	--	--
Support activities for agriculture and forestry	115	4	--	--	--	--	--	--
<b>Mining, quarrying, and oil and gas extraction</b>		49	--	29	6	--	7	--
Oil and gas extraction	211	5	--	--	--	--	--	--
Oil and gas extraction	2111	5	--	--	--	--	--	--
Natural gas extraction	21113	3	--	--	--	--	--	--
Support activities for mining	213	42	--	27	--	--	5	--
Support activities for mining	2131	42	--	27	--	--	5	--
Support activities for mining	21311	42	--	27	--	--	5	--
Drilling oil and gas wells	213111	3	--	3	--	--	--	--
Support activities for oil and gas operations	213112	39	--	24	--	--	--	--
<b>Construction</b>		123	--	32	--	--	13	--
<b>Construction</b>		123	--	32	--	--	13	--
Heavy and civil engineering construction	237	21	--	--	--	--	--	--
Utility system construction	2371	13	--	--	--	--	--	--

Power and communication line and related structures construction	23713	4	--	--	--	--	--	--
Highway, street, and bridge construction	2373	6	--	--	--	--	--	--
Highway, street, and bridge construction	23731	6	--	--	--	--	--	--
<b>Service providing</b>		--	--	--	--	--	--	--
<b>Trade, transportation, and utilities</b>		195	--	127	7	--	--	--
<b>Utilities</b>		5	--	--	--	--	3	--
Utilities	221	5	--	--	--	--	3	--
Electric power generation, transmission and distribution	2211	3	--	--	--	--	--	--
<b>Wholesale trade</b>		29	5	17	--	--	--	--
Merchant wholesalers, durable goods	423	13	--	--	--	--	--	--
Motor vehicle and motor vehicle parts and supplies merchant wholesalers	4231	3	--	--	--	--	--	--
Motor vehicle parts (used) merchant wholesalers	42314	1	--	--	--	--	--	--
Machinery, equipment, and supplies merchant wholesalers	4238	4	--	--	--	--	--	--
Miscellaneous durable goods merchant wholesalers	4239	--	--	--	--	--	--	--
Sporting and recreational goods and supplies merchant wholesalers	42391	1	--	--	--	--	--	--
Merchant wholesalers, nondurable goods	424	16	--	--	--	--	--	--
Grocery and related product merchant wholesalers	4244	5	--	--	--	--	--	--
General line grocery merchant wholesalers	42441	3	--	--	--	--	--	--
Farm product raw material merchant wholesalers	4245	1	--	--	--	--	--	--
Livestock merchant wholesalers	42452	1	--	--	--	--	--	--
Petroleum and petroleum products merchant wholesalers	4247	4	--	--	--	--	--	--
<b>Retail trade</b>		24	18	3	--	--	--	--
Motor vehicle and parts dealers	441	4	--	--	--	--	--	--
Food and beverage stores	445	4	--	--	--	--	--	--
Gasoline stations	447	9	9	--	--	--	--	--
Gasoline stations	4471	9	9	--	--	--	--	--
Gasoline stations with convenience stores	44711	9	9	--	--	--	--	--
<b>Transportation and warehousing</b>		137	--	--	5	--	3	--
Air transportation	481	9	--	--	--	--	--	--
Nonscheduled air transportation	4812	6	--	--	--	--	--	--
Nonscheduled air transportation	48121	6	--	--	--	--	--	--
Nonscheduled chartered passenger air transportation	481211	4	--	--	--	--	--	--
Truck transportation	484	91	--	--	--	--	3	--
General freight trucking	4841	40	--	--	--	--	--	--
General freight trucking, local	48411	8	--	--	--	--	--	--
General freight trucking, long-distance	48412	31	--	--	--	--	--	--

General freight trucking, long-distance, truckload	484121	19	--	--	--	--	--	--
General freight trucking, long-distance, less than truckload	484122	4	--	--	--	--	--	--
Specialized freight trucking	4842	51	--	--	--	--	3	--
Specialized freight (except used goods) trucking, local	48422	20	--	--	--	--	--	--
Specialized freight (except used goods) trucking, long-distance	48423	31	--	--	--	--	--	--
Transit and ground passenger transportation	485	4	--	--	--	--	--	--
Couriers and messengers	492	3	--	--	--	--	--	--
Warehousing and storage	493	5	--	--	--	--	--	--
Warehousing and storage	4931	5	--	--	--	--	--	--
General warehousing and storage	49311	3	--	--	--	--	--	--
<b>Financial activities</b>		14	--	--	--	--	--	--
<b>Finance and insurance</b>		4	--	--	--	--	--	--
<b>Real estate and rental and leasing</b>		10	--	--	--	--	--	--
Real estate	531	7	--	--	--	--	--	--
Lessors of real estate	5311	5	--	--	--	--	--	--
Lessors of residential buildings and dwellings	53111	3	--	--	--	--	--	--
Activities related to real estate	5313	2	--	--	--	--	--	--
Real estate property managers	53131	1	--	--	--	--	--	--
Nonresidential property managers	531312	1	--	--	--	--	--	--
Rental and leasing services	532	3	--	--	--	--	--	--
<b>Professional and business services</b>		--	--	--	--	--	--	--
<b>Professional, scientific, and technical services</b>		13	--	9	--	--	--	--
Professional, scientific, and technical services	541	13	--	9	--	--	--	--
Legal services	5411	1	--	--	--	--	--	--
Offices of lawyers	54111	1	--	--	--	--	--	--
Architectural, engineering, and related services	5413	10	--	--	--	--	--	--
<b>Leisure and hospitality</b>		--	--	--	--	--	--	--
<b>Accommodation and food services</b>		14	5	--	--	--	--	--
Accommodation	721	3	1	--	--	--	--	--
RV (recreational vehicle) parks and recreational camps	7212	1	--	--	--	--	--	--
RV (recreational vehicle) parks and recreational camps	72121	1	--	--	--	--	--	--
Food services and drinking places	722	11	4	--	--	--	--	--
Restaurants and other eating places	7225	9	4	--	--	--	--	--
Restaurants and other eating places	72251	9	4	--	--	--	--	--
Full-service restaurants	722511	5	1	--	--	--	--	--
<b>Other services, except public administration</b>		17	3	6	1	--	--	--

<b>Other services, except public administration</b>		17	3	6	1	--	--	--
Repair and maintenance	811	12	--	--	1	--	--	--
Personal and laundry services	812	3	--	--	--	--	--	--
Personal care services	8121	1	--	--	--	--	--	--
Hair, nail, and skin care services	81211	1	--	--	--	--	--	--
Barber shops	812111	1	--	--	--	--	--	--
<b>Government<sup>6</sup></b>		35	12	16	--	--	--	--
<b>Federal government</b>		9	--	5	--	--	--	--
<b>Service providing</b>		--	--	--	--	--	--	--
<b>Trade, transportation, and utilities</b>		3	--	--	--	--	--	--
<b>Transportation and warehousing</b>		3	--	--	--	--	--	--
Postal service	491	3	--	--	--	--	--	--
Postal service	4911	3	--	--	--	--	--	--
Postal service	49111	3	--	--	--	--	--	--
<b>Public administration</b>		6	--	--	--	--	--	--
<b>Public administration</b>		6	--	--	--	--	--	--
<b>Local government</b>		24	--	11	--	--	--	--
<b>Service providing</b>		--	--	--	--	--	--	--
<b>Educational and health services</b>		--	--	--	--	--	--	--
<b>Educational services</b>		3	--	--	--	--	--	--
Educational services	611	3	--	--	--	--	--	--
<b>Public administration</b>		17	--	9	--	--	--	--
<b>Public administration</b>		17	--	9	--	--	--	--
Executive, legislative, and other general government support	921	3	--	--	--	--	--	--
Executive, legislative, and other general government support	9211	3	--	--	--	--	--	--
Justice, public order, and safety activities	922	14	--	--	--	--	--	--
Justice, public order, and safety activities	9221	14	--	--	--	--	--	--
Police protection	92212	11	--	--	--	--	--	--

<sup>1</sup> CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For complete information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>. Cases where ownership is unknown are included in private industry counts. Cases classified as foreign government and other government are included in all government counts, but not displayed separately. Cases where industry is unknown are included in the service sector counts.

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

<sup>3</sup> Includes violence by persons, self-inflicted injury, and attacks by animals.

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

<sup>5</sup> 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.

<sup>6</sup> 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. For complete information on how the data are coded and presented see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>. Dashes indicate no data reported or data that do not meet publication criteria. CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event.

Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with state, New York City, District of Columbia, and federal agencies, Census of Fatal Occupational Injuries, December 16, 2020

**TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Texas, 2019**

Occupation <sup>1</sup>	Total fatal injuries (number)	Event or exposure <sup>2</sup>					
		Violence and other injuries by persons or animals <sup>3</sup>	Transportation incidents <sup>4</sup>	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Total	608	86	283	18	96	60	63
<b>Management occupations</b>	23	7	9	--	3	--	--
Other management occupations	19	5	--	--	3	--	--
Farmers, ranchers, and other agricultural managers	6	--	--	--	--	--	--
Farmers, ranchers, and other agricultural managers	6	--	--	--	--	--	--
Food service managers	4	1	--	--	--	--	--
Food service managers	4	1	--	--	--	--	--
Property, real estate, and community association managers	6	--	--	--	--	--	--
Property, real estate, and community association managers	6	--	--	--	--	--	--
<b>Business and financial operations occupations</b>	3	--	--	--	--	--	--
Financial specialists	1	--	--	--	--	--	--
Financial analysts and advisors	1	--	--	--	--	--	--
Personal financial advisors	1	--	--	--	--	--	--
<b>Architecture and engineering occupations</b>	5	--	5	--	--	--	--
<b>Community and social service occupations</b>	4	--	--	--	--	--	--
<b>Legal occupations</b>	1	1	--	--	--	--	--
<b>Educational instruction and library occupations</b>	3	--	--	--	3	--	--
<b>Healthcare practitioners and technical occupations</b>	3	--	--	--	--	--	--
Health technologists and technicians	1	--	--	--	--	--	--
Diagnostic related technologists and technicians	1	--	--	--	--	--	--
Radiologic technologists and technicians	1	--	--	--	--	--	--
<b>Healthcare support occupations</b>	6	4	--	--	--	--	--
Nursing, psychiatric, and home health aides	6	--	--	--	--	--	--
Home health and personal care aides; and nursing assistants, orderlies, and psychiatric aides	6	--	--	--	--	--	--
<b>Protective service occupations</b>	29	17	--	--	--	--	--
Supervisors of protective service workers	3	--	--	--	--	--	--
Law enforcement workers	12	--	--	--	--	--	--
Other protective service workers	12	8	--	--	--	--	--
Security guards and gambling surveillance officers	9	--	--	--	--	--	--
Security guards	9	--	--	--	--	--	--
Miscellaneous protective service workers	3	--	--	--	--	--	--
Crossing guards and flaggers	3	--	--	--	--	--	--
<b>Food preparation and serving related occupations</b>	7	--	--	--	--	--	--

Cooks and food preparation workers	3	--	--	--	--	--
<b>Building and grounds cleaning and maintenance occupations</b>	46	--	10	--	12	16
Supervisors of building and grounds cleaning and maintenance workers	4	--	--	--	--	--
First-line supervisors of building and grounds cleaning and maintenance workers	4	--	--	--	--	--
First-line supervisors of landscaping, lawn service, and groundskeeping workers	4	--	--	--	--	--
Building cleaning and pest control workers	10	--	--	--	--	--
Building cleaning workers	7	--	--	--	--	--
Janitors and cleaners, except maids and housekeeping cleaners	7	--	--	--	--	--
Pest control workers	3	--	--	--	--	--
Pest control workers	3	--	--	--	--	--
Grounds maintenance workers	32	--	6	--	9	13
Grounds maintenance workers	32	--	6	--	9	13
Landscaping and groundskeeping workers	23	--	--	--	6	9
Tree trimmers and pruners	7	--	--	--	3	4
<b>Personal care and service occupations</b>	1	1	--	--	--	--
Supervisors of personal care and service workers	1	--	--	--	--	--
First-line supervisors of personal service workers	1	--	--	--	--	--
First-line supervisors of personal service workers	1	--	--	--	--	--
<b>Sales and related occupations</b>	31	19	9	--	--	--
Supervisors of sales workers	6	--	--	--	--	--
First-line supervisors of sales workers	6	--	--	--	--	--
Retail sales workers	16	13	--	--	--	--
Cashiers	11	--	--	--	--	--
Retail salespersons	5	3	--	--	--	--
Retail salespersons	5	3	--	--	--	--
Sales representatives, wholesale and manufacturing	3	--	--	--	--	--
Sales representatives, wholesale and manufacturing	3	--	--	--	--	--
Other sales and related workers	4	--	4	--	--	--
<b>Office and administrative support occupations</b>	9	--	5	--	--	--
Material recording, scheduling, dispatching, and distributing workers	6	--	--	--	--	--
Postal service workers	3	--	--	--	--	--
Secretaries and administrative assistants	1	--	--	--	--	--
Secretaries and administrative assistants	1	--	--	--	--	--
Secretaries and administrative assistants, except legal, medical, and executive	1	--	--	--	--	--
<b>Farming, fishing, and forestry occupations</b>	15	4	6	--	--	5
Agricultural workers	11	--	4	--	--	--
Miscellaneous agricultural workers	11	--	--	--	--	--
Farmworkers, farm, ranch, and aquacultural animals	8	--	--	--	--	--
<b>Construction and extraction occupations</b>	136	7	42	5	49	16
Supervisors of construction and extraction workers	24	5	9	--	6	--
First-line supervisors of construction trades and extraction workers	24	5	9	--	6	--
First-line supervisors of construction trades and extraction workers	24	5	9	--	6	--

Construction trades workers	81	--	20	--	40	6	12
Brickmasons, blockmasons, and stonemasons	2	--	--	--	--	--	--
Brickmasons and blockmasons	2	--	--	--	--	--	--
Carpenters	5	--	--	--	--	--	--
Carpenters	5	--	--	--	--	--	--
Construction laborers	29	--	12	--	11	--	6
Construction laborers	29	--	12	--	11	--	6
Construction equipment operators	6	--	3	--	--	--	--
Operating engineers and other construction equipment operators	4	--	--	--	--	--	--
Electricians	10	--	--	--	3	4	--
Electricians	10	--	--	--	3	4	--
Pipelayers, plumbers, pipefitters, and steamfitters	5	--	--	--	--	--	--
Plumbers, pipefitters, and steamfitters	5	--	--	--	--	--	--
Roofers	14	--	--	--	14	--	--
Roofers	14	--	--	--	14	--	--
Structural iron and steel workers	5	--	--	--	--	--	--
Structural iron and steel workers	5	--	--	--	--	--	--
Helpers, construction trades	5	--	--	--	--	--	--
Helpers, construction trades	5	--	--	--	--	--	--
Other construction and related workers	5	--	--	--	--	--	--
Extraction workers	21	--	11	--	--	--	3
Derrick, rotary drill, and service unit operators, oil and gas	5	--	3	--	--	--	--
Roustabouts, oil and gas	8	--	3	--	--	--	--
Roustabouts, oil and gas	8	--	3	--	--	--	--
Miscellaneous extraction workers	3	--	--	--	--	--	--
<b>Installation, maintenance, and repair occupations</b>	42	--	14	--	6	10	9
Supervisors of installation, maintenance, and repair workers	3	--	--	--	--	--	--
First-line supervisors of mechanics, installers, and repairers	3	--	--	--	--	--	--
First-line supervisors of mechanics, installers, and repairers	3	--	--	--	--	--	--
Vehicle and mobile equipment mechanics, installers, and repairers	10	--	5	--	--	--	3
Automotive technicians and repairers	8	--	3	--	--	--	3
Other installation, maintenance, and repair occupations	27	--	7	--	--	7	6
Heating, air conditioning, and refrigeration mechanics and installers	3	--	--	--	--	--	--
Heating, air conditioning, and refrigeration mechanics and installers	3	--	--	--	--	--	--
Industrial machinery installation, repair, and maintenance workers	6	--	--	--	--	--	--
Industrial machinery mechanics	4	--	--	--	--	--	--
Line installers and repairers	5	--	--	--	--	--	--
Maintenance and repair workers, general	8	--	--	--	--	--	--
Maintenance and repair workers, general	8	--	--	--	--	--	--
Miscellaneous installation, maintenance, and repair workers	5	--	--	--	--	--	--
<b>Production occupations</b>	34	--	14	5	--	5	5
Supervisors of production workers	3	--	--	--	--	--	--
First-line supervisors of production and operating workers	3	--	--	--	--	--	--





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

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

<sup>3</sup> Includes violence by persons, self-inflicted injury, and attacks by animals.

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

<sup>5</sup> 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. For complete information on how the data are coded and presented see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>. Dashes indicate no data reported or data that do not meet publication criteria. CFOI fatal injury counts exclude illness-related deaths unless precipitated by an injury event.

Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with state, New York City, District of Columbia, and federal agencies, Census of Fatal Occupational Injuries, December 16, 2020

**Table A-7. Fatal occupational injuries by worker characteristics and event or exposure, Texas, 2019**

Worker characteristics	Total fatal injuries (number)	Event or exposure <sup>1</sup>					
		Transportation incidents <sup>2</sup>	Violence and other injuries by persons or animals <sup>3</sup>	Contact with objects and equipment	Falls, slips, trips	Exposure to harmful substances or environments	Fires and explosions
Total	608	283	86	63	96	60	18
<b>Employee status</b>							
Wage and salary <sup>4</sup>	536	252	74	56	81	--	--
Self-employed <sup>5</sup>	72	31	12	7	15	--	--
<b>Gender</b>							
Women	40	17	12	3	5	--	--
Men	568	266	74	60	91	--	--
<b>Age</b>							
Under 16 years	--	--	--	--	--	--	--
16 to 17 years	--	--	--	--	--	--	--
18 to 19 years	6	--	--	--	--	--	--
20 to 24 years	46	23	6	5	--	6	--
25 to 34 years	103	51	13	15	--	11	--
35 to 44 years	127	62	17	10	20	14	4
45 to 54 years	120	51	22	14	17	14	--
55 to 64 years	132	61	19	9	28	11	4
65 years and over	71	32	7	10	18	--	--
<b>Race or ethnic origin<sup>6</sup></b>							
White (non-Hispanic)	273	141	38	24	36	24	8
Black or African-American (non-Hispanic)	61	30	12	--	--	8	--
Hispanic or Latino	241	99	--	31	52	28	--
American Indian or Alaska Native (non-Hispanic)	--	--	--	--	--	--	--
Asian (non-Hispanic)	28	--	12	--	3	--	--
Native Hawaiian or Pacific Islander (non-Hispanic)	--	--	--	--	--	--	--

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

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

<sup>3</sup> Includes violence by persons, self-inflicted injury, and attacks by animals.

<sup>4</sup> May include volunteers and workers receiving other types of compensation. Cases where employment status is unknown are included in the counts of wage and salary workers.

<sup>5</sup> 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.

<sup>6</sup> Persons identified as Hispanic or Latino may be of any race. The race categories shown exclude data for Hispanic and Latino workers. Cases where ethnicity is unknown are included in counts of non-Hispanic workers.

Note: Data for all years are revised and final. Totals for major categories may include subcategories not shown separately. For complete information on how the data are coded and presented see our definitions page at <http://www.bls.gov/iif/oshcfdef.htm>. Dashes indicate no data reported or data that do not meet publication criteria. CFOI fatal injury counts exclude illness-related deaths unless precipitated by an injury event.

Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with state, New York City, District of Columbia, and federal agencies, Census of Fatal Occupational Injuries, December 16, 2020





<sup>1</sup> CFOI has used several versions of the North American Industry Classification System (NAICS) since 2003 to define industry. For complete information on the version of NAICS used in this year, see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>. Cases where ownership is unknown are included in private industry counts. Cases classified as foreign government and other government are included in all government counts, but not displayed separately. Cases where industry is unknown are included in the service sector counts.

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

<sup>3</sup> 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. For complete information on how the data are coded and presented see our definitions page at <http://www.bls.gov/iif/oshcdef.htm>. Dashes indicate no data reported or data that do not meet publication criteria. CFOI fatal injury counts exclude illness-related deaths unless precipitated by an injury event.

Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with state, New York City, District of Columbia, and federal agencies, Census of Fatal Occupational Injuries, December 16, 2020