

TABLE A-1. Fatal occupational injuries by industry and event or exposure, Texas, 2020

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		469	55	214	--	71	48	70
Private industry		431	42	197	--	67	46	68
Goods producing		--	--	--	--	--	--	--
Natural resources and mining		54	--	25	--	--	7	11
Agriculture, forestry, fishing and hunting		30	--	17	--	--	3	5
Crop production	111	14	--	8	--	--	--	--
Other crop farming	1119	10	--	6	--	--	--	--
Hay farming	11194	5	--	--	--	--	--	--
Animal production and aquaculture	112	10	--	4	--	--	--	--
Mining, quarrying, and oil and gas extraction		24	--	8	--	--	4	6
Oil and gas extraction	211	4	--	--	--	--	--	--
Oil and gas extraction	2111	4	--	--	--	--	--	--
Mining (except oil and gas)	212	3	--	--	--	--	--	--
Nonmetallic mineral mining and quarrying	2123	3	--	--	--	--	--	--
Support activities for mining	213	17	--	6	--	--	--	--
Support activities for mining	2131	17	--	6	--	--	--	--
Support activities for mining	21311	17	--	6	--	--	--	--
Construction		127	--	43	--	37	19	21
Construction		127	--	43	--	37	19	21
Construction of buildings	236	19	--	7	--	--	3	--
Residential building construction	2361	10	--	4	--	--	--	--
Residential building construction	23611	10	--	4	--	--	--	--
New single-family housing construction (except for-sale builders)	236115	6	--	--	--	--	--	--
Residential remodelers	236118	4	--	--	--	--	--	--
Nonresidential building construction	2362	9	--	3	--	--	--	--

Heavy and civil engineering construction	237	40	--	21	--	--	4	12
Utility system construction	2371	23	--	9	--	--	4	--
Water and sewer line and related structures construction	23711	9	--	--	--	--	--	--
Specialty trade contractors	238	68	--	15	--	28	12	--
Foundation, structure, and building exterior contractors	2381	27	--	--	--	14	5	--
Structural steel and precast concrete contractors	23812	6	--	--	--	--	--	--
Masonry contractors	23814	4	--	--	--	--	--	--
Nonresidential masonry contractors	238142	1	--	--	--	--	--	--
Roofing contractors	23816	14	--	--	--	--	--	--
Building equipment contractors	2382	23	--	8	--	8	--	--
Electrical contractors and other wiring installation contractors	23821	12	--	5	--	4	--	--
Residential electrical contractors and other wiring installation contractors	238211	4	--	--	--	--	--	--
Nonresidential electrical contractors and other wiring installation contractors	238212	5	--	--	--	--	--	--
Plumbing, heating, and air-conditioning contractors	23822	7	--	--	--	--	--	--
Other building equipment contractors	23829	4	--	--	--	--	--	--
Building finishing contractors	2383	7	--	--	--	--	--	--
Other specialty trade contractors	2389	11	--	4	--	--	--	--
Manufacturing		29	--	10	--	4	--	12
Manufacturing		29	--	10	--	4	--	12
Food manufacturing	311	4	--	--	--	--	--	--
Nonmetallic mineral product manufacturing	327	4	--	--	--	--	--	--
Cement and concrete product manufacturing	3273	4	--	--	--	--	--	--
Fabricated metal product manufacturing	332	8	--	--	--	--	--	4
Architectural and structural metals manufacturing	3323	5	--	--	--	--	--	--
Plate work and fabricated structural product manufacturing	33231	5	--	--	--	--	--	--
Machinery manufacturing	333	3	--	--	--	--	--	--
Service providing		--	--	--	--	--	--	--
Trade, transportation, and utilities		--	--	91	--	7	--	15
Wholesale trade		14	--	8	--	--	--	3
Merchant wholesalers, durable goods	423	7	--	--	--	--	--	--
Retail trade		20	11	5	--	--	--	--
Motor vehicle and parts dealers	441	9	--	--	--	--	--	--
Automobile dealers	4411	6	--	--	--	--	--	--
Gasoline stations	447	7	--	--	--	--	--	--
Gasoline stations	4471	7	--	--	--	--	--	--
Gasoline stations with convenience stores	44711	7	--	--	--	--	--	--

Transportation and warehousing		96	--	78	--	4	--	8
Air transportation	481	1	--	1	--	--	--	--
Scheduled air transportation	4811	1	--	1	--	--	--	--
Scheduled air transportation	48111	1	--	1	--	--	--	--
Truck transportation	484	73	--	64	--	--	--	5
General freight trucking	4841	45	--	40	--	--	--	--
General freight trucking, long-distance	48412	30	--	27	--	--	--	--
General freight trucking, long-distance, truckload	484121	15	--	12	--	--	--	--
General freight trucking, long-distance, less than truckload	484122	7	--	7	--	--	--	--
Specialized freight trucking	4842	28	--	24	--	--	--	--
Specialized freight (except used goods) trucking, long-distance	48423	16	--	--	--	--	--	--
Support activities for transportation	488	15	--	9	--	--	--	--
Support activities for water transportation	4883	3	--	--	--	--	--	--
Support activities for road transportation	4884	8	--	--	--	--	--	--
Motor vehicle towing	48841	7	--	--	--	--	--	--
Couriers and messengers	492	1	--	--	--	--	--	--
Real estate and rental and leasing		5	--	--	--	--	--	--
Professional and business services		45	--	--	--	--	--	7
Professional, scientific, and technical services		4	--	--	--	--	--	--
Professional, scientific, and technical services	541	4	--	--	--	--	--	--
Administrative and support and waste management and remediation services		41	--	14	--	7	8	7
Administrative and support services	561	34	--	11	--	7	--	--
Employment services	5613	5	--	--	--	--	--	--
Investigation and security services	5616	7	--	--	--	--	--	--
Services to buildings and dwellings	5617	19	--	6	--	--	--	--
Janitorial services	56172	4	--	--	--	--	--	--
Landscaping services	56173	12	--	--	--	--	--	--
Other support services	5619	3	--	--	--	--	--	--
Waste management and remediation services	562	7	--	3	--	--	--	--
Remediation and other waste management services	5629	3	--	--	--	--	--	--
Educational and health services		7	--	--	--	--	--	--
Educational services		3	--	2	--	--	1	--
Educational services	611	3	--	2	--	--	1	--
Technical and trade schools	6115	3	--	--	--	--	--	--
Technical and trade schools	61151	3	--	--	--	--	--	--

Flight training	611512	3	--	--	--	--	--	--
Health care and social assistance		4	--	--	--	--	--	--
Leisure and hospitality		15	--	--	--	--	--	--
Arts, entertainment, and recreation		3	--	--	--	--	--	--
Amusement, gambling, and recreation industries	713	3	--	--	--	--	--	--
Accommodation and food services		12	6	--	--	--	--	--
Other services, except public administration		14	4	--	--	4	--	--
Other services, except public administration		14	4	--	--	4	--	--
Repair and maintenance	811	11	--	--	--	--	--	--
Government⁶		38	--	--	--	4	--	--
Federal government		3	--	--	--	--	--	--
State government		5	--	5	--	--	--	--
Local government		30	12	11	--	4	--	--
Service providing		--	--	--	--	--	--	--
Educational and health services		6	--	--	--	4	--	--
Educational services		6	--	--	--	4	--	--
Educational services	611	6	--	--	--	4	--	--
Public administration		19	9	--	--	--	--	--
Public administration		19	9	--	--	--	--	--
Justice, public order, and safety activities	922	19	9	--	--	--	--	--
Justice, public order, and safety activities	9221	19	9	--	--	--	--	--
Police protection	92212	14	--	--	--	--	--	--
Fire protection	92216	5	--	--	--	--	--	--

¹ 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.

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. 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, 2021

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, Texas, 2020

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	469	55	214	--	71	48	70
Management occupations	24	6	12	--	--	--	3
Top executives	4	--	--	--	--	--	--
Chief executives	1	--	--	--	--	--	--
Chief executives	1	--	--	--	--	--	--
General and operations managers	3	--	--	--	--	--	--
General and operations managers	3	--	--	--	--	--	--
Other management occupations	16	4	7	--	--	--	3
Farmers, ranchers, and other agricultural managers	7	--	--	--	--	--	3
Farmers, ranchers, and other agricultural managers	7	--	--	--	--	--	3
Construction managers	4	--	--	--	--	--	--
Construction managers	4	--	--	--	--	--	--
Food service managers	1	1	--	--	--	--	--
Food service managers	1	1	--	--	--	--	--
Protective service occupations	26	--	--	--	--	--	--
Other protective service workers	6	--	--	--	--	--	--
Security guards and gambling surveillance officers	6	--	--	--	--	--	--
Security guards	6	--	--	--	--	--	--
Food preparation and serving related occupations	6	--	--	--	--	--	--
Food and beverage serving workers	3	--	--	--	--	--	--
Fast food and counter workers	2	--	--	--	--	--	--
Fast food and counter workers	2	--	--	--	--	--	--
Food servers, nonrestaurant	1	--	--	--	--	--	--
Food servers, nonrestaurant	1	--	--	--	--	--	--
Building and grounds cleaning and maintenance occupations	21	--	7	--	7	--	--
Supervisors of building and grounds cleaning and maintenance workers	5	--	--	--	--	--	--
First-line supervisors of building and grounds cleaning and maintenance workers	5	--	--	--	--	--	--
Building cleaning and pest control workers	4	--	--	--	--	--	--
Building cleaning workers	4	--	--	--	--	--	--
Janitors and cleaners, except maids and housekeeping cleaners	4	--	--	--	--	--	--
Grounds maintenance workers	12	--	4	--	--	--	--
Grounds maintenance workers	12	--	4	--	--	--	--
Personal care and service occupations	3	--	--	--	--	--	--

Sales and related occupations	15	9	--	--	--	--	--
Supervisors of sales workers	2	--	--	--	--	--	--
First-line supervisors of sales workers	2	--	--	--	--	--	--
First-line supervisors of retail sales workers	2	--	--	--	--	--	--
Retail sales workers	10	--	--	--	--	--	--
Cashiers	4	--	--	--	--	--	--
Cashiers	4	--	--	--	--	--	--
Retail salespersons	6	--	--	--	--	--	--
Retail salespersons	6	--	--	--	--	--	--
Office and administrative support occupations	6	1	--	--	--	--	--
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	--	--	--	--	--
Information and record clerks	3	--	--	--	--	--	--
Farming, fishing, and forestry occupations	21	3	12	--	--	--	--
Agricultural workers	15	--	8	--	--	--	--
Construction and extraction occupations	125	--	34	--	36	23	21
Supervisors of construction and extraction workers	13	--	4	--	4	--	--
First-line supervisors of construction trades and extraction workers	13	--	4	--	4	--	--
First-line supervisors of construction trades and extraction workers	13	--	4	--	4	--	--
Construction trades workers	81	--	16	--	29	17	14
Carpenters	4	--	--	--	--	--	--
Carpenters	4	--	--	--	--	--	--
Construction laborers	35	--	7	--	9	9	9
Construction laborers	35	--	--	--	9	9	9
Construction equipment operators	7	--	--	--	--	--	--
Electricians	9	--	--	--	--	4	--
Electricians	9	--	--	--	--	4	--
Painters and paperhangers	4	--	--	--	--	--	--
Painters, construction and maintenance	4	--	--	--	--	--	--
Roofers	15	--	--	--	13	--	--
Roofers	15	--	--	--	--	--	--
Helpers, construction trades	5	--	--	--	--	--	--
Helpers, construction trades	5	--	--	--	--	--	--
Other construction and related workers	10	--	5	--	--	--	--
Construction and building inspectors	5	--	3	--	--	--	--
Construction and building inspectors	5	--	3	--	--	--	--
Extraction workers	16	--	--	--	--	--	5
Roustabouts, oil and gas	5	--	--	--	--	--	--
Roustabouts, oil and gas	5	--	--	--	--	--	--
Miscellaneous extraction workers	4	--	--	--	--	--	--
Installation, maintenance, and repair occupations	50	--	16	--	8	6	12
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	--	--	--	--	--
Electrical and electronic equipment mechanics, installers, and repairers	5	--	3	--	--	--
Vehicle and mobile equipment mechanics, installers, and repairers	18	--	7	--	--	6
Automotive technicians and repairers	6	--	--	--	--	--
Bus and truck mechanics and diesel engine specialists	3	--	--	--	--	1
Bus and truck mechanics and diesel engine specialists	3	--	--	--	--	1
Heavy vehicle and mobile equipment service technicians and mechanics	6	--	--	--	--	--
Other installation, maintenance, and repair occupations	24	--	6	--	4	6
Heating, air conditioning, and refrigeration mechanics and installers	4	--	--	--	--	--
Heating, air conditioning, and refrigeration mechanics and installers	4	--	--	--	--	--
Line installers and repairers	6	--	--	--	--	--
Maintenance and repair workers, general	7	--	--	--	--	--
Maintenance and repair workers, general	7	--	--	--	--	--
Production occupations	17	--	--	--	--	10
Metal workers and plastic workers	11	--	--	--	--	8
Welding, soldering, and brazing workers	9	--	--	--	--	--
Transportation and material moving occupations	141	--	108	--	7	14
Air transportation workers	6	--	--	--	--	--
Aircraft pilots and flight engineers	6	--	--	--	--	--
Airline pilots, copilots, and flight engineers	1	--	--	--	--	--
Commercial pilots	5	--	--	--	--	--
Motor vehicle operators	106	--	91	--	--	3
Driver/sales workers and truck drivers	101	--	87	--	--	3
Driver/sales workers	6	--	4	--	--	--
Heavy and tractor-trailer truck drivers	91	--	79	--	--	3
Light truck drivers	4	--	4	--	--	--
Material moving workers	22	--	10	--	--	--
Industrial truck and tractor operators	4	--	--	--	--	--
Industrial truck and tractor operators	4	--	--	--	--	--
Laborers and material movers	9	--	3	--	--	--
Cleaners of vehicles and equipment	3	--	--	--	--	--
Laborers and freight, stock, and material movers, hand	6	--	3	--	--	--
Refuse and recyclable material collectors	3	--	--	--	--	--
Refuse and recyclable material collectors	3	--	--	--	--	--

¹ 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.

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.

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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, 2021

Table A-7. Fatal occupational injuries by worker characteristics and event or exposure, Texas, 2020

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	469	214	55	70	71	48	--
Employee status							
Wage and salary ⁴	404	188	47	61	57	--	--
Self-employed ⁵	65	26	8	9	14	--	--
Gender							
Women	31	13	11	3	--	4	--
Men	438	201	44	67	71	44	--
Age							
Under 16 years	--	--	--	--	--	--	--
16 to 17 years	3	--	--	--	--	--	--
18 to 19 years	7	3	--	--	--	--	--
20 to 24 years	30	15	6	4	--	3	--
25 to 34 years	71	33	4	14	--	11	--
35 to 44 years	99	45	--	14	13	13	--
45 to 54 years	104	44	14	14	15	12	--
55 to 64 years	95	42	11	18	16	--	--
65 years and over	60	30	--	5	17	--	--
Race or ethnic origin⁶							
White (non-Hispanic)	179	88	21	26	22	--	--
Black or African-American (non-Hispanic)	56	36	--	--	--	--	--
Hispanic or Latino	221	86	--	39	41	27	--
American Indian or Alaska Native (non-Hispanic)	--	--	--	--	--	--	--
Asian (non-Hispanic)	10	--	7	--	--	--	--
Native Hawaiian or Pacific Islander (non-Hispanic)	--	--	--	--	--	--	--

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. Cases where employment status is unknown are included in the counts of wage and salary workers.

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 Hispanic and Latino workers. Cases where ethnicity is unknown are included in counts of non-Hispanic workers.

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Exposure to harmful substances or environments	48	--	7	19	--	--	--	--	--	--	--	--	--
Exposure to electricity	19	--	--	9	--	--	--	--	--	--	--	--	--
Direct exposure to electricity	10	--	--	5	--	--	--	--	--	--	--	--	--
Indirect exposure to electricity	9	--	--	--	--	--	--	--	--	--	--	--	--
Exposure to other harmful substances	22	--	--	4	--	--	--	--	--	--	--	--	--
Nonmedical use of drugs or alcohol--unintentional overdose	13	--	--	--	--	--	--	--	--	--	--	--	--
Inhalation of harmful substance	9	--	--	4	--	--	--	--	--	--	--	--	--
Contact with objects and equipment	70	--	11	21	12	--	15	--	--	7	--	--	--
Struck by object or equipment	50	--	--	12	8	--	--	--	--	5	--	--	--
Struck by powered vehicle--nontransport	22	--	--	4	--	--	--	--	--	--	--	--	--
Caught between rolling powered vehicle and other object	3	--	--	--	--	--	--	--	--	--	--	--	--
Struck or run over by rolling powered vehicle	9	--	--	--	--	--	--	--	--	--	--	--	--
Struck by other falling powered vehicle	4	--	--	--	--	--	--	--	--	--	--	--	--
Struck by falling object or equipment--other than powered vehicle	22	--	--	6	6	--	--	--	--	--	--	--	--
Struck by object falling from vehicle or machinery--other than vehicle part	11	--	--	--	5	--	--	--	--	--	--	--	--
Struck by discharged or flying object	3	--	--	--	--	--	--	--	--	--	--	--	--
Caught in or compressed by equipment or objects	12	--	--	--	4	--	--	--	--	--	--	--	--
Caught in running equipment or machinery	9	--	--	--	3	--	--	--	--	--	--	--	--
Caught in running equipment or machinery during maintenance, cleaning	7	--	--	--	3	--	--	--	--	--	--	--	--

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