

TABLE A-1. Fatal occupational injuries by industry and event or exposure, California, 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		376	66	139	4	82	29	52
Private industry		337	55	122	3	79	28	47
Goods producing		133	9	42	--	44	11	26
Natural resources and mining		40	3	20	--	3	--	14
Agriculture, forestry, fishing and hunting		38	3	19	--	3	--	13
Crop production	111	14	--	5	--	--	--	5
Fruit and tree nut farming	1113	6	1	--	--	--	--	--
Noncitrus fruit and tree nut farming	11133	6	1	--	--	--	--	--
Other crop farming	1119	5	--	3	--	--	--	--
All other crop farming	11199	4	--	--	--	--	--	--
Animal production and aquaculture	112	3	--	1	--	--	--	--
Aquaculture	1125	--	--	1	--	--	--	--
Aquaculture	11251	--	--	1	--	--	--	--
Shellfish farming	112512	1	--	1	--	--	--	--
Forestry and logging	113	5	--	--	--	--	--	--
Logging	1133	5	--	--	--	--	--	--
Logging	11331	5	--	--	--	--	--	--
Fishing, hunting and trapping	114	--	--	--	--	--	--	--
Fishing	1141	--	--	--	--	--	--	--
Fishing	11411	--	--	--	--	--	--	--
Finfish fishing	114111	1	--	1	--	--	--	--
Support activities for agriculture and forestry	115	14	--	9	--	--	--	4
Support activities for crop production	1151	14	--	9	--	--	--	4
Support activities for crop production	11511	14	--	9	--	--	--	4
Farm labor contractors and crew leaders	115115	9	--	6	--	--	--	--
Mining⁵		--	--	1	--	--	--	--
Mining (except oil and gas)	212	--	--	1	--	--	--	--
Nonmetallic mineral mining and quarrying	2123	--	--	1	--	--	--	--

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Sand, gravel, clay, and ceramic and refractory minerals mining and quarrying	21232	--	--	1	--	--	--	--
Construction sand and gravel mining	212321	--	--	1	--	--	--	--
Construction		69	5	15	--	32	9	8
Construction		69	5	15	--	32	9	8
Construction of buildings	236	19	--	4	--	8	5	--
Residential building construction	2361	11	--	--	--	5	4	--
Residential building construction	23611	11	--	--	--	5	4	--
New single-family housing construction (except for-sale builders)	236115	3	--	--	--	--	--	--
Residential remodelers	236118	7	--	--	--	3	3	--
Nonresidential building construction	2362	8	--	3	--	3	--	--
Commercial and institutional building construction	23622	5	--	--	--	--	--	--
Heavy and civil engineering construction	237	6	--	--	--	--	--	--
Utility system construction	2371	4	--	--	--	--	--	--
Highway, street, and bridge construction	2373	--	--	1	--	--	--	--
Highway, street, and bridge construction	23731	--	--	1	--	--	--	--
Specialty trade contractors	238	44	4	9	--	23	4	4
Foundation, structure, and building exterior contractors	2381	13	--	3	--	9	--	--
Poured concrete foundation and structure contractors	23811	3	--	--	--	--	--	--
Roofing contractors	23816	8	--	--	--	7	--	--
Building equipment contractors	2382	7	1	--	--	3	3	--
Plumbing, heating, and air-conditioning contractors	23822	4	1	--	--	--	--	--
Residential plumbing, heating, and air-conditioning contractors	238221	1	1	--	--	--	--	--
Building finishing contractors	2383	14	--	--	--	10	--	--
Drywall and insulation contractors	23831	3	--	--	--	3	--	--
Painting and wall covering contractors	23832	6	--	--	--	6	--	--
Other specialty trade contractors	2389	9	3	3	--	--	--	3
Site preparation contractors	23891	6	--	--	--	--	--	--
All other specialty trade contractors	23899	3	1	--	--	--	--	--
Manufacturing		24	--	7	--	9	--	4

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Manufacturing		24	--	7	--	9	--	4
Chemical manufacturing	325	3	--	--	--	--	--	--
Nonmetallic mineral product manufacturing	327	3	--	--	--	--	--	--
Cement and concrete product manufacturing	3273	3	--	--	--	--	--	--
Ready-mix concrete manufacturing	32732	3	--	--	--	--	--	--
Fabricated metal product manufacturing	332	3	--	--	--	--	--	--
Transportation equipment manufacturing	336	4	--	2	--	--	--	--
Aerospace product and parts manufacturing	3364	4	--	2	--	--	--	--
Aerospace product and parts manufacturing	33641	4	--	2	--	--	--	--
Aircraft manufacturing	336411	--	--	2	--	--	--	--
Service providing		204	46	80	--	35	17	21
Trade, transportation, and utilities		98	22	51	--	9	4	10
Utilities		4	--	--	--	--	--	--
Utilities	221	4	--	--	--	--	--	--
Electric power generation, transmission and distribution	2211	3	--	--	--	--	--	--
Wholesale trade		14	--	7	--	--	--	3
Merchant wholesalers, durable goods	423	7	--	3	--	--	--	--
Merchant wholesalers, nondurable goods	424	7	--	4	--	--	--	--
Grocery and related product wholesalers	4244	4	--	3	--	--	--	--
Packaged frozen food merchant wholesalers	42442	1	--	--	--	--	--	--
Retail trade		27	15	5	--	5	--	--
Motor vehicle and parts dealers	441	3	1	--	--	--	--	--
Automotive parts, accessories, and tire stores	4413	--	1	--	--	--	--	--
Automotive parts and accessories stores	44131	--	1	--	--	--	--	--
Electronics and appliance stores	443	1	1	--	--	--	--	--
Electronics and appliance stores	4431	1	1	--	--	--	--	--
Electronics and appliance stores	44314	1	1	--	--	--	--	--

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			Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Household appliance stores	443141	1	1	--	--	--	--	--
Building material and garden equipment and supplies dealers	444	4	1	--	--	--	--	--
Building material and supplies dealers	4441	4	1	--	--	--	--	--
Home centers	44411	--	1	--	--	--	--	--
Food and beverage stores	445	6	5	--	--	--	--	--
Grocery stores	4451	5	4	--	--	--	--	--
Supermarkets and other grocery (except convenience) stores	44511	3	--	--	--	--	--	--
Beer, wine, and liquor stores	4453	1	1	--	--	--	--	--
Beer, wine, and liquor stores	44531	1	1	--	--	--	--	--
Gasoline stations	447	5	4	--	--	--	--	--
Gasoline stations	4471	5	4	--	--	--	--	--
Gasoline stations with convenience stores	44711	4	4	--	--	--	--	--
Miscellaneous store retailers	453	5	2	--	--	--	--	--
Other miscellaneous store retailers	4539	4	2	--	--	--	--	--
All other miscellaneous store retailers	45399	3	2	--	--	--	--	--
Transportation and warehousing		53	5	39	--	--	--	6
Truck transportation	484	32	--	25	--	--	--	4
General freight trucking	4841	21	--	18	--	--	--	--
General freight trucking, local	48411	7	--	6	--	--	--	--
General freight trucking, long-distance	48412	14	--	12	--	--	--	--
General freight trucking, long-distance, truckload	484121	13	--	11	--	--	--	--
Specialized freight trucking	4842	10	--	7	--	--	--	--
Used household and office goods moving	48421	--	--	1	--	--	--	--
Specialized freight (except used goods) trucking, local	48422	4	--	3	--	--	--	--
Specialized freight (except used goods) trucking, long-distance	48423	4	--	3	--	--	--	--
Transit and ground passenger transportation	485	5	--	4	--	--	--	--
Taxi and limousine service	4853	3	--	--	--	--	--	--
Taxi service	48531	3	--	--	--	--	--	--
Support activities for transportation	488	5	--	4	--	--	--	--
Support activities for road transportation	4884	4	--	3	--	--	--	--
Motor vehicle towing	48841	4	--	3	--	--	--	--
Couriers and messengers	492	7	4	3	--	--	--	--
Couriers	4921	7	4	3	--	--	--	--
Couriers	49211	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
Financial activities		6	--	--	--	--	--	--
Real estate and rental and leasing		5	--	--	--	--	--	--
Real estate	531	4	--	--	--	--	--	--
Professional and business services		67	12	19	--	18	7	11
Professional and technical services		5	--	--	--	--	--	--
Professional, scientific, and technical services	541	5	--	--	--	--	--	--
Administrative and waste services		62	10	17	--	18	7	10
Administrative and support services	561	58	10	15	--	17	7	9
Employment services	5613	4	--	--	--	--	--	--
Temporary help services	56132	4	--	--	--	--	--	--
Investigation and security services	5616	14	9	5	--	--	--	--
Investigation, guard, and armored car services	56161	13	8	5	--	--	--	--
Security guards and patrol services	561612	13	8	5	--	--	--	--
Services to buildings and dwellings	5617	37	1	8	--	15	6	7
Exterminating and pest control services	56171	3	--	--	--	--	--	--
Janitorial services	56172	--	1	--	--	--	--	--
Landscaping services	56173	32	--	6	--	14	5	7
Waste management and remediation services	562	4	--	--	--	--	--	--
Remediation and other waste management services	5629	3	--	--	--	--	--	--
Educational and health services		10	3	2	--	--	--	--
Educational services		5	--	2	--	--	--	--
Educational services	611	5	--	2	--	--	--	--
Technical and trade schools	6115	1	--	1	--	--	--	--
Technical and trade schools	61151	1	--	1	--	--	--	--
Flight training	611512	1	--	1	--	--	--	--

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Other schools and instruction	6116	--	--	1	--	--	--	--
Sports and recreation instruction	61162	1	--	1	--	--	--	--
Health care and social assistance		5	--	--	--	--	--	--
Ambulatory health care services	621	--	--	--	--	--	--	--
Other ambulatory health care services	6219	1	1	--	--	--	--	--
All other ambulatory health care services	62199	1	1	--	--	--	--	--
Nursing and residential care facilities	623	3	--	--	--	--	--	--
Leisure and hospitality		12	--	--	--	4	3	--
Arts, entertainment, and recreation		5	--	--	--	--	--	--
Amusement, gambling, and recreation industries	713	4	--	--	--	--	--	--
Other amusement and recreation industries	7139	3	--	--	--	--	--	--
Skiing facilities	71392	1	--	--	--	--	--	--
Accommodation and food services		7	--	--	--	4	--	--
Accommodation	721	3	--	--	--	3	--	--
Food services and drinking places	722	4	--	--	--	--	--	--
Other services, except public administration		9	3	4	--	--	--	--
Other services, except public administration		9	3	4	--	--	--	--
Repair and maintenance	811	5	2	--	--	--	--	--
Automotive repair and maintenance	8111	4	2	--	--	--	--	--
Automotive mechanical and electrical repair and maintenance	81111	1	1	--	--	--	--	--
General automotive repair	811111	1	1	--	--	--	--	--
Automotive body, paint, interior, and glass repair	81112	3	1	--	--	--	--	--
Automotive glass replacement shops	811122	1	1	--	--	--	--	--
Personal and laundry services	812	1	--	1	--	--	--	--
Drycleaning and laundry services	8123	1	--	1	--	--	--	--
Linen and uniform supply	81233	1	--	1	--	--	--	--

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Industrial launderers	812332	1	--	1	--	--	--	--
Government⁶		39	11	17	--	3	--	5
Federal government		9	1	4	--	--	--	--
Service providing		8	1	3	--	--	--	--
Public administration		6	1	3	--	--	--	--
Public administration		6	1	3	--	--	--	--
National security and international affairs	928	6	1	3	--	--	--	--
National security and international affairs	9281	6	1	3	--	--	--	--
National security	92811	6	1	3	--	--	--	--
State government		11	4	3	--	--	--	2
Goods producing		--	--	--	--	--	--	1
Natural resources and mining		1	--	--	--	--	--	1
Agriculture, forestry, fishing and hunting		1	--	--	--	--	--	1
Support activities for agriculture and forestry	115	1	--	--	--	--	--	1
Support activities for forestry	1153	1	--	--	--	--	--	1
Support activities for forestry	11531	1	--	--	--	--	--	1
Service providing		8	--	3	--	--	--	1
Public administration		6	--	3	--	--	--	1
Public administration		6	--	3	--	--	--	1
Justice, public order, and safety activities	922	5	--	--	--	--	--	1
Justice, public order, and safety activities	9221	5	--	--	--	--	--	1

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Fire protection	92216	--	--	--	--	--	--	1
Local government		19	6	10	--	--	--	--
Service providing		18	5	10	--	--	--	--
Trade, transportation, and utilities		1	--	1	--	--	--	--
Utilities		1	--	1	--	--	--	--
Utilities	221	1	--	1	--	--	--	--
Water, sewage and other systems	2213	1	--	1	--	--	--	--
Sewage treatment facilities	22132	1	--	1	--	--	--	--
Information		2	--	--	--	--	--	--
Information		2	--	--	--	--	--	--
Publishing industries (except internet)	511	2	--	--	--	--	--	--
Newspaper, periodical, book, and directory publishers	5111	2	--	--	--	--	--	--
Newspaper publishers	51111	2	--	--	--	--	--	--
Professional and business services		--	--	1	--	--	--	--
Administrative and waste services		--	--	1	--	--	--	--
Waste management and remediation services	562	--	--	1	--	--	--	--
Waste treatment and disposal	5622	1	--	1	--	--	--	--
Waste treatment and disposal	56221	1	--	1	--	--	--	--
Educational and health services		4	--	--	--	--	--	--
Educational services		3	--	--	--	--	--	--
Educational services	611	3	--	--	--	--	--	--
Elementary and secondary schools	6111	3	--	--	--	--	--	--

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Elementary and secondary schools	61111	3	--	--	--	--	--	--
Public administration		8	3	4	--	1	--	--
Public administration		8	3	4	--	1	--	--
Justice, public order, and safety activities	922	8	3	4	--	1	--	--
Justice, public order, and safety activities	9221	8	3	4	--	1	--	--
Police protection	92212	6	3	--	--	--	--	--
Fire protection	92216	--	--	--	--	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 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 28, 2018