

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

Industry ¹	NAICS code ¹	Total fatal injuries (number)	Event or exposure ²					
			Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful substances or environments	Contact with objects and equipment
Total		376	77	145	9	64	20	58
Private industry		337	66	128	9	59	18	55
Goods producing		112	8	31	--	31	9	32
Natural resources and mining		38	--	16	--	5	--	13
Agriculture, forestry, fishing and hunting		38	--	16	--	5	--	13
Crop production	111	11	--	4	--	3	--	--
Fruit and tree nut farming	1113	7	--	--	--	--	--	--
Noncitrus fruit and tree nut farming	11133	6	--	--	--	--	--	--
Animal production and aquaculture	112	3	--	--	--	--	--	--
Cattle ranching and farming	1121	3	--	--	--	--	--	--
Forestry and logging	113	8	--	--	--	--	--	8
Logging	1133	8	--	--	--	--	--	8
Logging	11331	8	--	--	--	--	--	8
Fishing, hunting and trapping	114	--	--	--	--	--	--	--
Fishing	1141	--	--	--	--	--	--	--
Fishing	11411	--	--	--	--	--	--	--
Shellfish fishing	114112	1	--	1	--	--	--	--
Support activities for agriculture and forestry	115	14	--	8	--	--	--	--
Support activities for crop production	1151	14	--	8	--	--	--	--
Support activities for crop production	11511	14	--	8	--	--	--	--
Farm labor contractors and crew leaders	115115	9	--	--	--	--	--	--
Construction		55	4	12	--	20	6	12
Construction		55	4	12	--	20	6	12
Construction of buildings	236	18	1	--	--	10	--	4
Residential building construction	2361	14	1	--	--	8	--	3
Residential building construction	23611	14	1	--	--	8	--	3

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New single-family housing construction (except for-sale builders)	236115	--	1	--	--	--	--	--
Residential remodelers	236118	4	--	--	--	--	--	--
Nonresidential building construction	2362	4	--	--	--	--	--	--
Commercial and institutional building construction	23622	4	--	--	--	--	--	--
Specialty trade contractors	238	35	3	9	--	10	6	7
Foundation, structure, and building exterior contractors	2381	11	--	--	--	6	--	3
Poured concrete foundation and structure contractors	23811	3	--	--	--	--	--	1
Nonresidential poured concrete foundation and structure contractors	238112	1	--	--	--	--	--	1
Roofing contractors	23816	4	--	--	--	4	--	--
Building equipment contractors	2382	12	--	4	--	--	3	--
Electrical contractors	23821	10	--	3	--	1	3	--
Nonresidential electrical contractors	238212	1	--	--	--	1	--	--
Building finishing contractors	2383	5	--	--	--	--	--	--
Painting and wall covering contractors	23832	4	--	--	--	--	--	--
Other specialty trade contractors	2389	6	--	--	--	--	--	3
Site preparation contractors	23891	3	--	--	--	--	--	--
All other specialty trade contractors	23899	3	--	--	--	--	--	--
Manufacturing		19	--	3	--	6	--	7
Manufacturing		19	--	3	--	6	--	7
Food manufacturing	311	3	--	--	--	--	--	--
Beverage and tobacco product manufacturing	312	3	--	--	--	--	--	--
Beverage manufacturing	3121	3	--	--	--	--	--	--
Fabricated metal product manufacturing	332	4	--	--	--	--	--	--
Service providing		225	58	97	9	28	9	23
Trade, transportation, and utilities		116	27	68	--	10	4	6
Utilities		7	--	3	--	--	--	--
Utilities	221	7	--	3	--	--	--	--

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Electric power generation, transmission and distribution	2211	6	--	3	--	--	--	--
Electric power transmission, control, and distribution	22112	5	--	--	--	--	--	--
Electric power distribution	221122	5	--	--	--	--	--	--
Wholesale trade		16	--	8	--	--	--	3
Merchant wholesalers, durable goods	423	9	--	6	--	--	--	--
Lumber and other construction materials merchant wholesalers	4233	3	--	3	--	--	--	--
Merchant wholesalers, nondurable goods	424	7	--	--	--	--	--	--
Grocery and related product wholesalers	4244	5	--	--	--	--	--	--
Retail trade		27	18	6	--	--	--	--
Motor vehicle and parts dealers	441	3	--	--	--	--	--	--
Other motor vehicle dealers	4412	1	--	--	--	--	--	--
Motorcycle, boat, and other motor vehicle dealers	44122	1	--	--	--	--	--	--
Food and beverage stores	445	9	8	--	--	--	--	--
Grocery stores	4451	5	4	--	--	--	--	--
Convenience stores	44512	4	4	--	--	--	--	--
Beer, wine, and liquor stores	4453	3	3	--	--	--	--	--
Beer, wine, and liquor stores	44531	3	3	--	--	--	--	--
Health and personal care stores	446	3	--	3	--	--	--	--
Health and personal care stores	4461	3	--	3	--	--	--	--
Gasoline stations	447	4	4	--	--	--	--	--
Gasoline stations	4471	4	4	--	--	--	--	--
Gasoline stations with convenience stores	44711	3	3	--	--	--	--	--
Clothing and clothing accessories stores	448	1	1	--	--	--	--	--
Clothing stores	4481	1	1	--	--	--	--	--
Women's clothing stores	44812	1	1	--	--	--	--	--
Miscellaneous store retailers	453	3	--	--	--	--	--	--
Transportation and warehousing		66	6	51	--	5	--	--
Truck transportation	484	47	--	39	--	4	--	--
General freight trucking	4841	28	--	22	--	--	--	--

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General freight trucking, local	48411	15	--	12	--	--	--	--
General freight trucking, long-distance	48412	13	--	10	--	--	--	--
General freight trucking, long-distance, truckload	484121	8	--	6	--	--	--	--
Specialized freight trucking	4842	19	--	17	--	--	--	--
Specialized freight (except used goods) trucking, local	48422	8	--	7	--	--	--	--
Specialized freight (except used goods) trucking, long-distance	48423	11	--	10	--	--	--	--
Transit and ground passenger transportation	485	10	4	6	--	--	--	--
Taxi and limousine service	4853	10	4	6	--	--	--	--
Taxi service	48531	10	4	6	--	--	--	--
Scenic and sightseeing transportation	487	1	--	1	--	--	--	--
Scenic and sightseeing transportation, land	4871	1	--	1	--	--	--	--
Scenic and sightseeing transportation, land	48711	1	--	1	--	--	--	--
Support activities for transportation	488	5	--	3	--	--	--	--
Freight transportation arrangement	4885	1	--	1	--	--	--	--
Freight transportation arrangement	48851	1	--	1	--	--	--	--
Couriers and messengers	492	3	--	--	--	--	--	--
Couriers	4921	3	--	--	--	--	--	--
Couriers	49211	3	--	--	--	--	--	--
Information		4	--	--	--	3	--	--
Information		4	--	--	--	3	--	--
Financial activities		10	4	--	--	--	--	--
Finance and insurance		3	3	--	--	--	--	--
Credit intermediation and related activities	522	1	1	--	--	--	--	--
Nondepository credit intermediation	5222	1	1	--	--	--	--	--
Other nondepository credit intermediation	52229	1	1	--	--	--	--	--
Real estate and rental and leasing		7	--	--	--	--	--	--
Real estate	531	3	--	--	--	--	--	--
Rental and leasing services	532	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
Professional and business services		37	4	12	--	9	3	8
Professional and technical services		10	--	3	--	--	--	--
Professional, scientific, and technical services	541	10	--	3	--	--	--	--
Architectural, engineering, and related services	5413	5	--	3	--	--	--	--
Engineering services	54133	3	--	--	--	--	--	--
Administrative and waste services		27	--	9	--	7	--	6
Administrative and support services	561	24	--	8	--	5	--	6
Employment services	5613	4	--	--	--	--	--	--
Temporary help services	56132	4	--	--	--	--	--	--
Investigation and security services	5616	3	--	--	--	--	--	--
Investigation, guard, and armored car services	56161	3	--	--	--	--	--	--
Security guards and patrol services	561612	3	--	--	--	--	--	--
Services to buildings and dwellings	5617	16	--	4	--	5	--	4
Janitorial services	56172	3	--	--	--	--	--	--
Landscaping services	56173	11	--	--	--	3	--	4
Waste management and remediation services	562	3	--	--	--	--	--	--
Educational and health services		12	6	6	--	--	--	--
Educational services		5	3	--	--	--	--	--
Educational services	611	5	3	--	--	--	--	--
Other schools and instruction	6116	3	--	--	--	--	--	--
Sports and recreation instruction	61162	3	--	--	--	--	--	--
Health care and social assistance		7	3	--	--	--	--	--
Social assistance	624	--	--	--	--	--	--	--
Individual and family services	6241	1	1	--	--	--	--	--
Services for the elderly and persons with disabilities	62412	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
Leisure and hospitality		26	9	7	5	--	--	3
Arts, entertainment, and recreation		12	--	3	5	--	--	3
Performing arts, spectator sports, and related industries	711	9	--	3	5	--	--	--
Performing arts companies	7111	6	--	--	5	--	--	--
Musical groups and artists	71113	5	--	--	5	--	--	--
Spectator sports	7112	3	--	3	--	--	--	--
Spectator sports	71121	3	--	3	--	--	--	--
Amusement, gambling, and recreation industries	713	3	--	--	--	--	--	--
Other amusement and recreation industries	7139	3	--	--	--	--	--	--
Accommodation and food services		14	9	4	--	--	--	--
Food services and drinking places	722	14	9	4	--	--	--	--
Special food services	7223	4	2	--	--	--	--	--
Mobile food services	72233	3	2	--	--	--	--	--
Restaurants and other eating places	7225	9	6	--	--	--	--	--
Restaurants and other eating places	72251	9	6	--	--	--	--	--
Limited-service restaurants	722513	6	4	--	--	--	--	--
Other services, except public administration		20	8	--	--	3	--	4
Other services, except public administration		20	8	--	--	3	--	4
Repair and maintenance	811	13	4	--	--	--	--	4
Automotive repair and maintenance	8111	7	3	--	--	--	--	3
Automotive mechanical and electrical repair and maintenance	81111	6	--	--	--	--	--	3
General automotive repair	811111	6	--	--	--	--	--	3
Commercial machinery repair and maintenance	8113	5	1	--	--	--	--	--
Commercial machinery repair and maintenance	81131	5	1	--	--	--	--	--
Personal and laundry services	812	4	--	--	--	--	--	--
Personal care services	8121	--	--	--	--	--	--	--
Other personal care services	81219	1	--	--	--	--	--	--

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Drycleaning and laundry services	8123	1	1	--	--	--	--	--
Coin-operated laundries and drycleaners	81231	1	1	--	--	--	--	--
Religious, grantmaking, civic, professional, and similar organizations	813	3	--	--	--	--	--	--
Government⁶		39	11	17	--	5	--	3
Federal government		7	--	3	--	--	--	--
Service providing		7	--	3	--	--	--	--
Public administration		6	--	3	--	--	--	--
Public administration		6	--	3	--	--	--	--
National security and international affairs	928	5	--	3	--	--	--	--
National security and international affairs	9281	5	--	3	--	--	--	--
National security	92811	4	--	3	--	--	--	--
State government		10	--	6	--	--	--	1
Goods producing		3	--	--	--	--	--	--
Construction		3	--	--	--	--	--	--
Construction		3	--	--	--	--	--	--
Heavy and civil engineering construction	237	3	--	--	--	--	--	--
Highway, street, and bridge construction	2373	3	--	--	--	--	--	--
Highway, street, and bridge construction	23731	3	--	--	--	--	--	--
Service providing		7	--	--	--	--	--	1
Public administration		5	--	--	--	--	--	1
Public administration		5	--	--	--	--	--	1

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Justice, public order, and safety activities	922	2	--	1	--	--	--	1
Justice, public order, and safety activities	9221	2	--	1	--	--	--	1
Police protection	92212	1	--	1	--	--	--	--
Fire protection	92216	1	--	--	--	--	--	1
Local government		22	10	8	--	--	--	--
Goods producing		3	--	--	--	--	--	--
Construction		3	--	--	--	--	--	--
Construction		3	--	--	--	--	--	--
Service providing		19	8	7	--	--	--	--
Educational and health services		3	--	--	--	--	--	--
Educational services		3	--	--	--	--	--	--
Educational services	611	3	--	--	--	--	--	--
Elementary and secondary schools	6111	3	--	--	--	--	--	--
Elementary and secondary schools	61111	3	--	--	--	--	--	--
Public administration		12	8	4	--	--	--	--
Public administration		12	8	4	--	--	--	--
Justice, public order, and safety activities	922	12	8	4	--	--	--	--
Justice, public order, and safety activities	9221	12	8	4	--	--	--	--
Police protection	92212	10	7	--	--	--	--	--

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

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

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

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

⁵ Includes fatal injuries at all establishments categorized as Mining (Sector 21) in the North American Industry Classification System, including establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in Oil and Gas Extraction.

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

Note: Data for all years are revised and final. Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. CFOI fatal injury counts exclude illness-related deaths unless precipitated by an injury event.

Source: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with state, New York City, District of Columbia, and federal agencies, Census of Fatal Occupational Injuries, December 21, 2017