

**TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry <sup>1</sup> sector, California, 2017**

Event or exposure <sup>2</sup>	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining <sup>3</sup>	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	376	133	40	69	24	204	98	--	6	67	10	12	9
<b>Violence and other injuries by persons or animals</b>	66	9	3	5	--	46	22	--	--	12	3	--	3
Intentional injury by person	63	7	--	4	--	46	22	--	--	12	3	--	3
Homicides (Intentional injury by other person)	47	3	--	2	--	36	19	--	--	10	1	--	3
Shooting by other person--intentional	31	--	--	--	--	25	16	--	--	3	--	--	3
Stabbing, cutting, slashing, piercing	7	1	--	1	--	6	--	--	--	3	1	--	--
Hitting, kicking, beating, shoving	4	1	--	1	--	--	--	--	--	--	--	--	--
Strangulation by other person	1	--	--	--	--	1	1	--	--	--	--	--	--
Suicides (Self-inflicted injury--intentional)	16	4	--	--	--	10	3	--	--	--	--	--	--
Shooting--intentional self-harm	7	--	--	--	--	5	1	--	--	--	--	--	--
Hanging, strangulation, asphyxiation--intentional self-harm	7	4	--	--	--	3	--	--	--	--	--	--	--
Injury by person--unintentional or intent unknown	1	--	--	--	--	--	--	--	--	--	--	--	--
Injury by other person--unintentional or intent unknown	1	--	--	--	--	--	--	--	--	--	--	--	--
Shooting by other person--unintentional	1	--	--	--	--	--	--	--	--	--	--	--	--
Animal and insect related incidents	--	--	1	--	--	--	--	--	--	--	--	--	--
Bites and stings	--	--	1	--	--	--	--	--	--	--	--	--	--
Stings and venomous bites	--	--	1	--	--	--	--	--	--	--	--	--	--
<b>Transportation incidents</b>	139	42	20	15	7	80	51	--	--	19	2	--	4
Aircraft incidents	8	3	1	--	2	5	--	--	--	--	1	--	--
Aircraft crash during takeoff or landing	1	--	--	--	--	1	--	--	--	--	1	--	--
Aircraft crash during takeoff or landing--into structure, object, or around	1	--	--	--	--	1	--	--	--	--	1	--	--
Other in-flight crash	7	3	1	--	2	4	--	--	--	--	--	--	--
Other in-flight crash into structure, object, or ground	6	3	1	--	2	--	--	--	--	--	--	--	--
Pedestrian vehicular incident	30	4	--	3	--	23	9	--	--	12	--	--	--
Pedestrian struck by vehicle in work zone	--	1	--	1	--	--	--	--	--	--	--	--	--
Pedestrian struck by vehicle backing up in work zone	--	1	--	1	--	--	--	--	--	--	--	--	--
Pedestrian struck by vehicle in roadway	12	--	--	--	--	9	5	--	--	3	--	--	--
Pedestrian struck by vehicle propelled by another vehicle in roadway	1	--	--	--	--	1	--	--	--	1	--	--	--
Pedestrian struck by forward-moving vehicle in roadway	9	--	--	--	--	7	4	--	--	--	--	--	--
Pedestrian struck by vehicle on side of road	8	--	--	--	--	8	4	--	--	3	--	--	--
Pedestrian struck by forward-moving vehicle on side of road	7	--	--	--	--	7	4	--	--	--	--	--	--
Pedestrian struck by vehicle in nonroadway area	7	--	--	--	--	4	--	--	--	4	--	--	--
Pedestrian struck by vehicle backing up in nonroadway area	5	--	--	--	--	--	--	--	--	--	--	--	--
Water vehicle incidents	3	3	3	--	--	--	--	--	--	--	--	--	--
Fall or jump from water vehicle	2	2	2	--	--	--	--	--	--	--	--	--	--
Roadway incidents involving motorized land vehicle	87	27	13	10	4	48	37	--	--	5	1	--	3
Roadway collision with other vehicle	45	10	5	4	--	28	22	--	--	3	--	--	1
Roadway collision--moving in same direction	19	5	3	--	--	10	9	--	--	--	--	--	--
Roadway collision--moving in opposite directions, oncoming	12	3	--	--	--	7	5	--	--	--	--	--	1
Roadway collision--moving perpendicularly	7	--	--	--	--	5	3	--	--	--	--	--	--
Roadway collision--moving and standing vehicle on side of roadway	6	--	--	--	--	5	4	--	--	--	--	--	--
Roadway collision with object other than vehicle	22	7	3	--	--	12	10	--	--	--	1	--	--
Vehicle struck object or animal on side of roadway	22	7	3	--	--	12	10	--	--	--	1	--	--
Roadway noncollision incident	20	10	5	4	1	8	5	--	--	--	--	--	--

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Event or exposure <sup>2</sup>	Total fatal injuries (number)	Goods producing				Service providing							
		Total goods producing	Natural resources and mining <sup>3</sup>	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
Jack-knifed or overturned, roadway	15	8	4	3	1	5	4	--	--	--	--	--	--
Fall or jump from and struck by same vehicle in normal operation, roadway	1	--	--	--	--	--	--	--	--	--	--	--	--
Nonroadway incident involving motorized land vehicles	10	5	3	--	--	3	--	--	--	--	--	--	--
Nonroadway collision with other vehicle	3	--	--	--	--	--	--	--	--	--	--	--	--
Nonroadway noncollision incident	5	3	--	--	--	--	--	--	--	--	--	--	--
Jack-knifed or overturned, nonroadway	4	3	--	--	--	--	--	--	--	--	--	--	--
<b>Fires and explosions</b>	4	--	--	--	--	--	--	--	--	--	--	--	--
<b>Falls, slips, trips</b>	82	44	3	32	9	35	9	--	--	18	--	4	--
Falls on same level	10	3	--	--	3	6	3	--	--	--	--	--	--
Falls to lower level	72	41	3	32	6	29	6	--	--	17	--	3	--
Fall from collapsing structure or equipment	8	6	--	4	--	--	--	--	--	--	--	--	--
Fall from collapsing structure or equipment more than 30 feet	3	--	--	--	--	--	--	--	--	--	--	--	--
Fall through surface or existing opening	10	7	--	4	3	3	--	--	--	--	--	--	--
Fall through surface or existing opening more than 30 feet	4	--	--	--	--	--	--	--	--	--	--	--	--
Other fall to lower level	49	25	--	22	--	23	5	--	--	13	--	--	--
Other fall to lower level less than 6 feet	6	3	--	--	--	3	--	--	--	--	--	--	--
Other fall to lower level 6 to 10 feet	13	8	--	8	--	5	--	--	--	--	--	--	--
Other fall to lower level 11 to 15 feet	3	--	--	--	--	--	--	--	--	--	--	--	--
Other fall to lower level 16 to 20 feet	9	5	--	5	--	4	--	--	--	--	--	--	--
Other fall to lower level 26 to 30 feet	5	3	--	--	--	--	--	--	--	--	--	--	--
Other fall to lower level more than 30 feet	7	--	--	--	--	4	--	--	--	3	--	--	--
<b>Exposure to harmful substances or environments</b>	29	11	--	9	--	17	4	--	--	7	--	3	--
Exposure to electricity	7	3	--	3	--	3	--	--	--	--	--	--	--
Direct exposure to electricity	4	--	--	--	--	--	--	--	--	--	--	--	--
Direct exposure to electricity, greater than 220 volts	3	--	--	--	--	--	--	--	--	--	--	--	--
Indirect exposure to electricity	3	--	--	--	--	--	--	--	--	--	--	--	--
Exposure to temperature extremes	3	--	--	--	--	3	--	--	--	3	--	--	--
Exposure to environmental heat	3	--	--	--	--	3	--	--	--	3	--	--	--
Exposure to other harmful substances	17	8	--	6	--	9	3	--	--	3	--	--	--
Nonmedical use of drugs or alcohol--unintentional overdose	14	5	--	4	--	9	3	--	--	3	--	--	--
Inhalation of harmful substance	3	3	--	--	--	--	--	--	--	--	--	--	--
Inhalation of harmful substance--single episode	3	3	--	--	--	--	--	--	--	--	--	--	--
<b>Contact with objects and equipment</b>	52	26	14	8	4	21	10	--	--	11	--	--	--
Struck by object or equipment	41	18	10	7	--	18	9	--	--	9	--	--	--
Struck by powered vehicle--nontransport	17	7	5	--	--	8	5	--	--	3	--	--	--
Struck or run over by rolling powered vehicle	10	5	3	--	--	3	--	--	--	--	--	--	--
Struck by falling part of powered vehicle still attached	3	--	--	--	--	--	--	--	--	--	--	--	--
Struck by falling object or equipment--other than powered vehicle	19	9	5	3	--	8	3	--	--	5	--	--	--
Struck by object falling from vehicle or machinery--other than vehicle part	4	--	--	--	--	--	--	--	--	--	--	--	--
Caught in or compressed by equipment or objects	9	7	4	--	3	--	--	--	--	1	--	--	--
Caught in running equipment or machinery	9	7	4	--	3	--	--	--	--	1	--	--	--
Caught in running equipment or machinery during maintenance, cleaning	3	3	3	--	--	--	--	--	--	--	--	--	--
Caught in running equipment or machinery during regular operation	6	4	--	--	3	--	--	--	--	1	--	--	--
<b>Overexertion and bodily reaction</b>	3	--	--	--	--	--	--	--	--	--	--	--	--

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<sup>1</sup> 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>.

<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. 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