

TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry<sup>1</sup> sector, California, 2016

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	112	38	55	19	225	116	4	10	37	12	26	20
<b>Violence and other injuries by persons or animals</b>	77	8	--	4	--	58	27	--	4	4	6	9	8
Intentional injury by person	71	8	--	4	--	53	27	--	3	3	5	8	7
Homicides (Intentional injury by other person)	46	4	--	--	--	33	18	--	1	--	4	5	4
Shooting by other person--intentional	31	--	--	--	--	21	10	--	1	--	3	3	3
Stabbing, cutting, slashing, piercing	8	3	--	--	--	5	3	--	--	--	--	--	--
Hitting, kicking, beating, shoving	3	--	--	--	--	3	--	--	--	--	--	1	--
Bombing, arson	1	--	--	--	--	1	1	--	--	--	--	--	--
Multiple violent acts by other person	1	--	--	--	--	1	--	--	--	--	--	--	1
Suicides (Self-inflicted injury--intentional)	25	4	--	--	--	20	9	--	--	--	1	3	3
Shooting--intentional self-harm	10	--	--	--	--	8	3	--	--	--	1	--	--
Hanging, strangulation, asphyxiation--intentional self-harm	13	--	--	--	--	11	6	--	--	--	--	3	--
Injury by person--unintentional or intent unknown	5	--	--	--	--	4	--	--	--	--	--	1	--
Injury by other person--unintentional or intent unknown	3	--	--	--	--	--	--	--	--	--	--	1	--
Shooting by other person--unintentional	--	--	--	--	--	1	--	--	--	--	--	1	--
<b>Transportation incidents</b>	145	31	16	12	3	97	68	--	--	12	6	7	--
Aircraft incidents	10	--	--	--	--	5	--	--	--	--	5	--	--
Aircraft crash during takeoff or landing	1	--	--	--	--	--	--	--	--	--	--	--	--
Aircraft crash during takeoff or landing--into structure, object, or ground	1	--	--	--	--	--	--	--	--	--	--	--	--
Other in-flight crash	8	--	--	--	--	--	--	--	--	--	--	--	--
Other in-flight crash into structure, object, or ground	7	--	--	--	--	--	--	--	--	--	--	--	--
Pedestrian vehicular incident	28	9	--	6	--	15	11	--	--	3	--	--	--
Pedestrian struck by vehicle in roadway	3	--	--	--	--	1	1	--	--	--	--	--	--
Pedestrian struck by forward-moving vehicle in roadway	3	--	--	--	--	1	1	--	--	--	--	--	--
Pedestrian struck by vehicle on side of road	8	--	--	--	--	4	4	--	--	--	--	--	--
Pedestrian struck by forward-moving vehicle on side of road	8	--	--	--	--	4	4	--	--	--	--	--	--
Pedestrian struck by vehicle in nonroadway area	13	5	--	3	--	8	5	--	--	--	--	--	--
Pedestrian struck by forward-moving vehicle in nonroadway area	7	1	--	1	--	6	4	--	--	--	--	--	--
Pedestrian struck by vehicle backing up in nonroadway area	3	3	--	--	--	--	--	--	--	--	--	--	--
Water vehicle incidents	3	--	--	--	--	--	--	--	--	--	--	--	--
Roadway incidents involving motorized land vehicle	84	6	--	3	--	70	54	--	--	9	--	4	--
Roadway collision with other vehicle	43	5	--	3	--	34	23	--	--	6	--	--	--
Roadway collision--moving in same direction	17	--	--	--	--	15	11	--	--	--	--	--	--
Roadway collision--moving in opposite directions, oncoming	8	--	--	--	--	7	5	--	--	--	--	--	--
Roadway collision--moving perpendicularly	13	--	--	--	--	8	4	--	--	3	--	--	--
Roadway collision--moving and standing vehicle on side of roadway	3	--	--	--	--	--	--	--	--	--	--	--	--
Roadway collision with object other than vehicle	24	--	--	--	--	21	18	--	--	--	--	--	--
Vehicle struck object or animal on side of roadway	24	--	--	--	--	21	18	--	--	--	--	--	--
Roadway noncollision incident	16	--	--	--	--	14	13	--	--	--	--	--	--
Jack-knifed or overturned, roadway	14	--	--	--	--	12	11	--	--	--	--	--	--
Nonroadway incident involving motorized land vehicles	16	10	6	3	--	5	--	--	--	--	--	--	--
Nonroadway collision with object other than vehicle	5	4	--	--	--	--	--	--	--	--	--	--	--
Nonroadway noncollision incident	9	5	3	--	--	3	--	--	--	--	--	--	--
Jack-knifed or overturned, nonroadway	6	3	--	--	--	3	--	--	--	--	--	--	--
<b>Fires and explosions</b>	9	--	--	--	--	9	--	--	--	--	--	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	
Fires	5	--	--	--	--	5	--	--	--	--	--	--	5	--
Other structural fire without collapse	5	--	--	--	--	5	--	--	--	--	--	--	5	--
Explosions	4	--	--	--	--	4	--	--	--	--	--	--	--	--
<b>Falls, slips, trips</b>	64	31	5	20	6	28	10	3	--	9	--	--	--	3
Falls on same level	4	--	--	--	--	--	--	--	--	--	--	--	--	--
Falls to lower level	58	29	5	18	6	26	10	3	--	7	--	--	--	3
Fall from collapsing structure or equipment	6	--	--	--	--	4	--	--	--	--	--	--	--	--
Fall from collapsing structure or equipment more than 30 feet	3	--	--	--	--	3	--	--	--	--	--	--	--	--
Fall through surface or existing opening	7	4	--	--	--	3	--	--	--	--	--	--	--	--
Other fall to lower level	44	22	4	14	4	19	8	3	--	3	--	--	--	3
Other fall to lower level less than 6 feet	6	4	--	--	--	--	--	--	--	--	--	--	--	--
Other fall to lower level 6 to 10 feet	12	--	--	--	--	8	4	--	--	--	--	--	--	--
Other fall to lower level 11 to 15 feet	13	9	--	8	--	4	3	--	--	--	--	--	--	--
Other fall to lower level 16 to 20 feet	4	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Exposure to harmful substances or environments</b>	20	9	--	6	--	9	4	--	--	3	--	--	--	--
Exposure to electricity	7	4	--	3	--	3	--	--	--	--	--	--	--	--
Direct exposure to electricity	4	3	--	--	--	--	--	--	--	--	--	--	--	--
Direct exposure to electricity, greater than 220 volts	3	--	--	--	--	--	--	--	--	--	--	--	--	--
Exposure to other harmful substances	9	4	--	3	--	5	--	--	--	--	--	--	--	--
Nonmedical use of drugs or alcohol--unintentional overdose	8	3	--	3	--	5	--	--	--	--	--	--	--	--
Exposure to oxygen deficiency, n.e.c.	3	--	--	--	--	--	--	--	--	--	--	--	--	--
Drowning, submersion, n.e.c.	3	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Contact with objects and equipment</b>	58	32	13	12	7	23	6	--	--	8	--	3	4	
Struck by object or equipment	46	27	12	9	6	17	5	--	--	5	--	--	4	
Struck by powered vehicle--nontransport	19	8	--	5	--	9	5	--	--	--	--	--	--	
Caught between rolling powered vehicle and other object	7	--	--	--	--	5	3	--	--	--	--	--	--	
Struck or run over by rolling powered vehicle	9	5	--	4	--	4	--	--	--	--	--	--	--	
Struck by rolling object or equipment--other than powered vehicle	3	3	3	--	--	--	--	--	--	--	--	--	--	
Struck by falling object or equipment--other than powered vehicle	21	15	7	3	5	6	--	--	--	--	--	--	--	
Struck by object falling from vehicle or machinery--other than vehicle part	5	5	--	--	3	--	--	--	--	--	--	--	--	
Caught in or compressed by equipment or objects	5	3	--	--	--	--	--	--	--	--	--	--	--	
Caught in running equipment or machinery	4	--	--	--	--	--	--	--	--	--	--	--	--	
Struck, caught, or crushed in collapsing structure, equipment, or material	5	--	--	--	--	--	--	--	--	--	--	--	--	
Landslide	1	--	--	--	--	--	--	--	--	--	--	--	--	

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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, December 11, 2017