

**TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry <sup>1</sup> sector, California, 2015**

| 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 |
| <b>Total</b>  | 388                           | 149                   | 56  | 75           | 18            | 187                     | 71                                  | 3           | --                   | 54                                 | 21                              | 22                      | 14             |
| <b>Violence and other injuries by persons or animals</b>            | 77                            | 11                    | 6   | --           | 3             | 44                      | 8                                   | --          | --                   | 9                                  | 5                               | 15                      | 4              |
| Intentional injury by person  | 73                            | 10                    | 6   | --           | 3             | 41                      | 6                                   | --          | --                   | 9                                  | 5                               | 14                      | 4              |
| Homicides (Intentional injury by other person)                      | 45                            | 5                     | --  | --           | --            | 24                      | 4                                   | --          | --                   | 3                                  | 3                               | 11                      | --             |
| Shooting by other person--intentional                               | 42                            | 5                     | --  | --           | --            | 21                      | 3                                   | --          | --                   | --                                 | 3                               | 10                      | --             |
| Suicides (Self-inflicted injury--intentional)                       | 28                            | 5                     | --  | --           | 3             | 17                      | --                                  | --          | --                   | 6                                  | --                              | 3                       | 3              |
| Shooting--intentional self-harm                                     | 13                            | --                    | --  | --           | --            | 7                       | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Hanging, strangulation, asphyxiation--intentional self-harm         | 10                            | --                    | --  | --           | --            | 6                       | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| <b>Transportation incidents</b>                                     | 150                           | 57                    | 36  | 16           | 5             | 72                      | 37                                  | --          | --                   | 14                                 | 13                              | 5                       | 3              |
| Aircraft incidents  | 24                            | 3                     | 3   | --           | --            | 13                      | 3                                   | --          | --                   | --                                 | 7                               | --                      | --             |
| Aircraft crash during takeoff or landing                            | 7                             | --                    | --  | --           | --            | 4                       | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Aircraft crash during takeoff or landing--due to mechanical failure | 6                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Other in-flight crash   | 12                            | 3                     | 3   | --           | --            | 5                       | --                                  | --          | --                   | 1                                  | --                              | --                      | --             |
| Other in-flight crash into structure, object, or ground             | 7                             | --                    | --  | --           | --            | 5                       | --                                  | --          | --                   | 1                                  | --                              | --                      | --             |
| Parachuting incident  | 4                             | --                    | --  | --           | --            | 3                       | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Rail vehicle incidents  | 3                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Pedestrian vehicular incident                                       | 23                            | 7                     | --  | 5            | --            | 14                      | 6                                   | --          | --                   | 6                                  | --                              | --                      | --             |
| Pedestrian struck by vehicle in roadway                             | 7                             | --                    | --  | --           | --            | 7                       | 3                                   | --          | --                   | 3                                  | --                              | --                      | --             |
| Pedestrian struck by forward-moving vehicle in roadway              | 6                             | --                    | --  | --           | --            | 6                       | 3                                   | --          | --                   | 3                                  | --                              | --                      | --             |
| Pedestrian struck by vehicle on side of road                        | 7                             | --                    | --  | --           | --            | 4                       | 3                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Pedestrian struck by forward-moving vehicle on side of road         | 6                             | --                    | --  | --           | --            | 4                       | 3                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Pedestrian struck by vehicle in nonroadway area                     | 4                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Pedestrian struck by forward-moving vehicle in nonroadway area      | 3                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Water vehicle incidents   | --                            | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | 1                                  | --                              | --                      | --             |
| Capsized or sinking water vehicle                                   | 1                             | --                    | --  | --           | --            | 1                       | --                                  | --          | --                   | 1                                  | --                              | --                      | --             |
| Roadway incidents involving motorized land vehicle                  | 75                            | 31                    | 21  | 7            | 3             | 35                      | 26                                  | --          | --                   | 3                                  | 4                               | --                      | --             |
| Roadway collision with other vehicle                                | 38                            | 18                    | 14  | 3            | --            | 17                      | 12                                  | --          | --                   | --                                 | 4                               | --                      | --             |
| Roadway collision--moving in same direction                         | 7                             | 3                     | --  | --           | --            | 3                       | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Roadway collision--moving in opposite directions, oncoming          | 8                             | --                    | --  | --           | --            | 6                       | 4                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Roadway collision--moving perpendicularly                           | 18                            | 13                    | 13  | --           | --            | 3                       | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Roadway collision--moving and standing vehicle in roadway           | 5                             | --                    | --  | --           | --            | 5                       | 4                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Roadway collision with object other than vehicle                    | 16                            | 4                     | --  | --           | --            | 9                       | 7                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Vehicle struck object or animal on side of roadway                  | 12                            | 4                     | --  | --           | --            | 5                       | 4                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Roadway noncollision incident                                       | 21                            | 9                     | 5   | 3            | --            | 9                       | 7                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Jack-knifed or overturned, roadway                                  | 19                            | 8                     | 5   | --           | --            | 8                       | 6                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Nonroadway incident involving motorized land vehicles               | 23                            | 15                    | 9   | 4            | --            | 7                       | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Nonroadway collision with other vehicle                             | 5                             | --                    | --  | --           | --            | 5                       | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Nonroadway collision with object other than vehicle                 | 3                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Nonroadway noncollision incident                                    | 14                            | 13                    | 7   | 4            | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Jack-knifed or overturned, nonroadway                               | 11                            | 10                    | 5   | 3            | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| <b>Fires and explosions</b>   | 10                            | 5                     | 3   | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Fires   | 4                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Forest or brush fire  | 3                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Explosions  | 6                             | 4                     | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |

**TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry <sup>1</sup> sector, California, 2015**

| 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 |
| Explosion of pressure vessel, piping, or tire                               | 4                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| <b>Falls, slips, trips</b>  | 77                            | 44                    | --  | 38           | 4             | 30                      | 8                                   | --          | --                   | 16                                 | --                              | --                      | --             |
| Falls on same level   | 12                            | --                    | --  | --           | --            | 9                       | 4                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Fall onto or against object on same level, n.e.c.                           | 3                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Falls to lower level  | 62                            | 41                    | --  | 36           | 3             | 19                      | 4                                   | --          | --                   | 13                                 | --                              | --                      | --             |
| Fall through surface or existing opening                                    | 8                             | 7                     | --  | 7            | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Fall through surface or existing opening more than 30 feet                  | 5                             | 4                     | --  | 4            | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Other fall to lower level   | 53                            | 34                    | --  | 29           | 3             | 17                      | 3                                   | --          | --                   | 12                                 | --                              | --                      | --             |
| Other fall to lower level less than 6 feet                                  | 7                             | --                    | --  | --           | --            | 5                       | --                                  | --          | --                   | 3                                  | --                              | --                      | --             |
| Other fall to lower level 6 to 10 feet                                      | 9                             | 5                     | --  | 5            | --            | 3                       | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Other fall to lower level 11 to 15 feet                                     | 4                             | 3                     | --  | 3            | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Other fall to lower level 16 to 20 feet                                     | 6                             | 5                     | --  | 3            | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Other fall to lower level 21 to 25 feet                                     | 10                            | 8                     | --  | 7            | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Other fall to lower level 26 to 30 feet                                     | 5                             | 4                     | --  | 4            | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Other fall to lower level more than 30 feet                                 | 7                             | 4                     | --  | 4            | --            | 3                       | --                                  | --          | --                   | 3                                  | --                              | --                      | --             |
| <b>Exposure to harmful substances or environments</b>                       | 33                            | 14                    | 4   | 9            | --            | 19                      | 8                                   | --          | --                   | 8                                  | --                              | --                      | --             |
| Exposure to electricity   | 10                            | 7                     | --  | 6            | --            | 3                       | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Direct exposure to electricity  | 3                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Indirect exposure to electricity  | 6                             | 4                     | --  | 3            | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Indirect exposure to electricity, greater than 220 volts                    | 5                             | 3                     | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Exposure to temperature extremes  | 3                             | 3                     | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Exposure to environmental heat  | 3                             | 3                     | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Exposure to other harmful substances  | 20                            | 4                     | --  | --           | --            | 16                      | 6                                   | --          | --                   | 7                                  | --                              | --                      | --             |
| Nonmedical use of drugs or alcohol--unintentional overdose                  | 15                            | 4                     | --  | --           | --            | 11                      | 5                                   | --          | --                   | 4                                  | --                              | --                      | --             |
| <b>Contact with objects and equipment</b>                                   | 39                            | 17                    | 5   | 7            | 5             | 20                      | 10                                  | --          | --                   | 6                                  | --                              | --                      | 4              |
| Struck by object or equipment   | 27                            | 11                    | 3   | 5            | 3             | 14                      | 8                                   | --          | --                   | 3                                  | --                              | --                      | 3              |
| Struck by powered vehicle--nontransport                                     | 11                            | 4                     | --  | --           | --            | 7                       | 4                                   | --          | --                   | --                                 | --                              | --                      | --             |
| Struck or run over by rolling powered vehicle                               | 4                             | --                    | --  | --           | --            | 4                       | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Struck by other falling powered vehicle                                     | 3                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Struck by falling object or equipment--other than powered vehicle           | 8                             | --                    | --  | --           | --            | 6                       | 4                                   | --          | --                   | --                                 | --                              | --                      | 1              |
| Struck by object falling from vehicle or machinery--other than vehicle part | 3                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Struck by discharged or flying object                                       | 4                             | 3                     | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Struck by dislodged flying object, particle                                 | 3                             | 3                     | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Caught in or compressed by equipment or objects                             | 8                             | 4                     | --  | --           | --            | 4                       | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Caught in running equipment or machinery                                    | 5                             | 3                     | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Caught in running equipment or machinery during regular operation           | 4                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |
| Struck, caught, or crushed in collapsing structure, equipment, or material  | 3                             | --                    | --  | --           | --            | --                      | --                                  | --          | --                   | --                                 | --                              | --                      | --             |

**TABLE A-9. Fatal occupational injuries by event or exposure for all fatal injuries and major private industry <sup>1</sup> sector, California, 2015**

| 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 |

<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/oshcdef.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 15, 2016