

TABLE A-1. Fatal occupational injuries by industry and event or exposure, California, 1999

Industry ¹	SIC code ¹	Total fatalities (number)	Event or exposure ² (percent)					
			Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Total		602	43.9	19.1	14.3	12.0	6.8	2.8
Private Industry		523	43.0	18.4	15.1	12.4	6.9	3.1
Agriculture, forestry, and fishing		93	62.4	8.6	11.8	5.4	10.8	--
Agricultural production-crops	01	39	79.5	--	7.7	--	7.7	--
Fruits and tree nuts	017	22	81.8	--	--	--	--	--
Grapes	0172	3	--	--	--	--	--	--
Deciduous tree fruits	0175	3	--	--	--	--	--	--
Fruits and tree nuts, n.e.c.	0179	13	100.0	--	--	--	--	--
Horticultural specialties	018	6	100.0	--	--	--	--	--
Ornamental floriculture and nursery products	0181	6	100.0	--	--	--	--	--
Agricultural production - livestock	02	11	45.5	--	--	--	--	--
Livestock, except dairy and poultry	021	4	75.0	--	--	--	--	--
Beef cattle, except feedlots	0212	3	100.0	--	--	--	--	--
Dairy farms	024	4	--	--	--	--	--	--
Agricultural services	07	29	44.8	13.8	13.8	10.3	13.8	--
Crop services	072	8	62.5	--	--	--	--	--
Crop planting, cultivating, and protecting	0721	4	100.0	--	--	--	--	--
Crop preparation services for market, except cotton ginning	0723	3	--	--	--	--	--	--
Animal services, except veterinary	075	3	--	--	--	--	--	--
Animal specialty services, except veterinary	0752	3	--	--	--	--	--	--
Farm labor and management services	076	6	--	--	50.0	--	--	--
Farm labor contractors and crew leaders	0761	3	--	--	--	--	--	--
Landscape and horticultural services	078	10	50.0	--	--	--	30.0	--
Lawn and garden services	0782	6	50.0	--	--	--	--	--
Ornamental shrub and tree services	0783	3	--	--	--	--	--	--
Fishing, hunting, and trapping	09	7	71.4	--	--	--	--	--
Commercial fishing	091	7	71.4	--	--	--	--	--
Shellfish	0913	4	75.0	--	--	--	--	--
Construction		94	33.0	--	18.1	28.7	11.7	5.3
General building contractors	15	14	35.7	--	21.4	28.6	--	--
Residential building construction	152	8	50.0	--	--	--	--	--
Single-family homes	1521	6	50.0	--	--	--	--	--
Nonresidential building construction	154	5	--	--	--	--	--	--
Nonresidential buildings, other than industrial buildings and warehouses	1542	3	--	--	--	--	--	--
Heavy construction, except building	16	13	46.2	--	46.2	--	--	--
Highway and street construction	161	4	75.0	--	--	--	--	--
Heavy construction, except highway	162	8	37.5	--	50.0	--	--	--
Water, sewer, pipeline, and communications and power line construction	1623	6	50.0	--	50.0	--	--	--
Special trade contractors	17	60	28.3	--	13.3	33.3	15.0	6.7
Plumbing, heating, air-conditioning	171	5	--	--	--	--	--	--
Electrical work	173	14	21.4	--	--	35.7	42.9	--
Carpentry and floor work	175	4	--	--	--	--	--	--
Carpentry work	1751	4	--	--	--	--	--	--
Roofing, siding, and sheet metal work	176	14	28.6	--	--	64.3	--	--
Miscellaneous special trade contractors	179	17	35.3	--	29.4	--	--	17.6
Excavation work	1794	4	--	--	--	--	--	--
Special trade contractors, n.e.c.	1799	9	33.3	--	--	--	--	33.3

See footnotes at end of table.

TABLE A-1. Fatal occupational injuries by industry and event or exposure, California, 1999 - continued

Industry ¹	SIC code ¹	Total fatalities (number)	Event or exposure ² (percent)					
			Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Manufacturing		62	16.1	14.5	25.8	16.1	14.5	8.1
Food and kindred products	20	10	--	--	--	40.0	30.0	--
Beverages	208	3	--	--	--	--	--	--
Wines, brandy, and brandy spirits	2084	3	--	--	--	--	--	--
Lumber and wood products	24	10	30.0	--	--	--	--	--
Logging	241	3	--	--	--	--	--	--
Millwork, plywood and structural members	243	3	--	--	--	--	--	--
Paper and allied products	26	3	--	--	--	--	--	--
Chemicals and allied products	28	5	--	--	--	--	--	80.0
Stone, clay, and glass products	32	6	--	--	50.0	--	--	--
Concrete, gypsum, and plaster products	327	3	--	--	--	--	--	--
Primary metal industries	33	3	--	--	--	--	--	--
Industrial machinery and equipment	35	3	--	--	--	--	--	--
Electronic and other electric equipment	36	4	--	--	--	--	--	--
Transportation equipment	37	4	--	--	--	--	--	--
Transportation and public utilities		92	60.9	12.0	22.8	3.3	--	--
Local and interurban passenger transit	41	15	26.7	66.7	--	--	--	--
Local and suburban transportation	411	4	--	--	--	--	--	--
Taxicabs	412	10	--	80.0	--	--	--	--
Trucking and warehousing	42	52	69.2	--	26.9	--	--	--
Trucking and courier services, except air	421	44	72.7	--	25.0	--	--	--
Local trucking without storage	4212	25	68.0	--	28.0	--	--	--
Trucking, except local	4213	7	71.4	--	--	--	--	--
Public warehousing and storage	422	3	--	--	--	--	--	--
General warehousing and storage	4225	3	--	--	--	--	--	--
Water transportation	44	4	--	--	75.0	--	--	--
Water transportation services	449	3	--	--	--	--	--	--
Transportation by air	45	4	100.0	--	--	--	--	--
Transportation services	47	3	--	--	--	--	--	--
Communications	48	3	--	--	--	--	--	--
Electric, gas, and sanitary services	49	9	77.8	--	--	--	--	--
Combination utility services	493	5	80.0	--	--	--	--	--
Electric and other services combined	4931	4	75.0	--	--	--	--	--
Sanitary services	495	4	75.0	--	--	--	--	--
Refuse systems	4953	3	--	--	--	--	--	--
Wholesale trade		18	61.1	--	--	--	--	--
Wholesale trade--durable goods	50	10	50.0	--	--	--	--	--
Miscellaneous durable goods	509	3	--	--	--	--	--	--
Scrap and waste materials	5093	3	--	--	--	--	--	--
Wholesale trade--nondurable goods	51	8	75.0	--	--	--	--	--
Groceries and related products	514	3	--	--	--	--	--	--
Miscellaneous nondurable goods	519	4	75.0	--	--	--	--	--
Retail trade		56	25.0	53.6	--	10.7	--	--
Building materials and garden supplies	52	3	--	--	--	--	--	--
Lumber and other building materials	521	3	--	--	--	--	--	--
General merchandise stores	53	4	--	--	--	--	--	--
Food stores	54	10	--	80.0	--	--	--	--
Grocery stores	541	8	--	87.5	--	--	--	--
Automotive dealers and service stations	55	11	36.4	45.5	--	--	--	--
New and used car dealers	551	3	--	--	--	--	--	--
Auto and home supply stores	553	3	--	--	--	--	--	--
Gasoline service stations	554	3	--	100.0	--	--	--	--
Eating and drinking places	58	16	31.3	50.0	--	--	--	--
Eating places	5812	14	35.7	42.9	--	--	--	--
Miscellaneous retail	59	12	--	75.0	--	--	--	--
Liquor stores	592	3	--	--	--	--	--	--
Miscellaneous shopping goods stores	594	5	--	100.0	--	--	--	--

See footnotes at end of table.

TABLE A-1. Fatal occupational injuries by industry and event or exposure, California, 1999 - continued

Industry ¹	SIC code ¹	Total fatalities (number)	Event or exposure ² (percent)					
			Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Jewelry stores	5944	3	--	100.0	--	--	--	--
Retail stores, n.e.c.	599	3	--	--	--	--	--	--
Miscellaneous Retail Stores, n.e.c.	5999	3	--	--	--	--	--	--
Finance, insurance, and real estate		11	--	63.6	--	--	--	--
Real estate	65	9	--	66.7	--	--	--	--
Real estate agents and managers	653	5	--	80.0	--	--	--	--
Services		93	45.2	30.1	8.6	10.8	--	3.2
Hotels and other lodging places	70	4	--	--	--	--	--	--
Personal services	72	6	66.7	--	--	--	--	--
Laundry, cleaning, and garment services	721	5	80.0	--	--	--	--	--
Business services	73	21	52.4	47.6	--	--	--	--
Services to buildings	734	3	--	--	--	--	--	--
Building cleaning and maintenance services, n.e.c.	7349	3	--	--	--	--	--	--
Computer and data processing services	737	3	--	--	--	--	--	--
Miscellaneous business services	738	13	46.2	53.8	--	--	--	--
Detective, guard, and armored car services	7381	12	41.7	58.3	--	--	--	--
Auto repair, services, and parking	75	18	33.3	33.3	16.7	--	--	--
Automotive Repair Shops	753	11	--	27.3	27.3	--	--	--
Top, Body, and Upholstery Repair Shops and Paint Shops	7532	4	--	--	--	--	--	--
Automotive services, except repair	754	4	75.0	--	--	--	--	--
Automotive services, except repair and carwashes	7549	3	--	--	--	--	--	--
Miscellaneous repair services	76	5	--	--	--	--	--	--
Miscellaneous repair shops	769	4	--	--	--	--	--	--
Amusement and recreation services	79	13	61.5	--	--	--	--	--
Miscellaneous amusement, recreation services	799	9	77.8	--	--	--	--	--
Membership sports and recreation clubs	7997	3	--	--	--	--	--	--
Amusement and Recreation Services, n.e.c.	7999	6	83.3	--	--	--	--	--
Health services	80	8	--	50.0	--	--	--	--
Hospitals	806	7	--	57.1	--	--	--	--
General medical and surgical hospitals	8062	7	--	57.1	--	--	--	--
Educational services	82	3	--	--	--	--	--	--
Social services	83	4	100.0	--	--	--	--	--
Membership organizations	86	3	--	--	--	--	--	--
Religious organizations	866	3	--	--	--	--	--	--
Engineering and management services	87	5	--	--	--	--	--	--
Government⁵		79	49.4	24.1	8.9	8.9	6.3	--
Federal Government (including resident armed forces)		41	63.4	22.0	7.3	--	--	--
Transportation and public utilities		3	--	--	--	--	--	--
United States Postal Service	43	3	--	--	--	--	--	--
Public Administration		38	65.8	21.1	7.9	--	--	--
National security and international affairs	97	32	68.8	18.8	--	--	--	--
National security	971	32	68.8	18.8	--	--	--	--
State Government		7	57.1	--	--	--	--	--

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Public Administration		4	--	--	--	--	--	--
Justice, public order, and safety	92	3	--	--	--	--	--	--
Public order and safety	922	3	--	--	--	--	--	--
Local Government		31	29.0	32.3	--	19.4	--	--
Transportation and public utilities		3	--	--	--	--	--	--
Services		10	40.0	--	--	30.0	--	--
Educational services	82	7	57.1	--	--	--	--	--
Elementary and secondary schools	821	6	50.0	--	--	--	--	--
Public Administration		18	22.2	38.9	--	16.7	--	--
Justice, public order, and safety	92	14	21.4	50.0	--	--	--	--
Public order and safety	922	14	21.4	50.0	--	--	--	--
Police protection	9221	9	33.3	66.7	--	--	--	--
Fire protection	9224	5	--	--	--	--	--	--

¹ Classified according to the *Standard Industrial Classification Manual, 1987*.

² Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

³ Includes highway, nonhighway, air, water, and rail fatalities.

⁴ Includes violence by persons, self-inflicted injury, and assaults by animals.

⁵ Includes fatalities at all establishments categorized as Mining (Division B) in the *Standard Industrial Classification Manual, 1987 Edition*, 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 fatalities to workers employed by governmental organizations regardless of industry.

NOTE: Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding.

There were less than 5 fatalities for which there was insufficient information to determine a specific industry classification, though a distinction between private and government was made for each.

Dashes indicate no data reported or data that do not meet publication criteria.

n.e.c. means "not elsewhere classified."

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries