

TABLE A-1. Fatal occupational injuries by industry and event or exposure, California, 1998

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		626	40.4	23.3	11.0	13.3	9.4	1.4
Private Industry		538	37.9	22.5	12.1	14.7	10.0	1.5
Agriculture, forestry, and fishing		75	46.7	8.0	14.7	13.3	16.0	--
Agricultural production-crops	01	26	46.2	11.5	15.4	15.4	11.5	--
Cash grains	011	4	--	--	--	--	--	--
Field crops, except cash grains	013	3	--	--	--	--	--	--
Fruits and tree nuts	017	7	42.9	--	--	--	--	--
Grapes	0172	4	--	--	--	--	--	--
General farms, primarily crop	019	6	--	--	50.0	--	--	--
Agricultural production - livestock	02	5	--	--	60.0	--	--	--
Agricultural services	07	34	35.3	8.8	11.8	17.6	23.5	--
Crop services	072	8	75.0	--	--	--	--	--
Crop planting, cultivating, and protecting	0721	3	100.0	--	--	--	--	--
Crop preparation services for market, except cotton ginning	0723	3	--	--	--	--	--	--
Farm labor and management services	076	10	30.0	--	--	--	30.0	--
Farm labor contractors and crew leaders	0761	9	--	--	--	--	33.3	--
Landscape and horticultural services	078	14	21.4	--	21.4	35.7	--	--
Landscape counseling and planning	0781	3	--	--	--	--	--	--
Lawn and garden services	0782	7	--	--	--	42.9	--	--
Ornamental shrub and tree services	0783	4	--	--	--	--	--	--
Fishing, hunting, and trapping	09	10	90.0	--	--	--	--	--
Commercial fishing	091	10	90.0	--	--	--	--	--
Finfish	0912	4	100.0	--	--	--	--	--
Mining⁵		7	--	--	42.9	--	--	--
Oil and gas extraction	13	3	--	--	--	--	--	--
Oil and gas field services	138	3	--	--	--	--	--	--
Nonmetallic minerals, except fuels	14	3	--	--	--	--	--	--
Construction		94	19.1	--	19.1	38.3	17.0	4.3
General building contractors	15	27	11.1	--	22.2	40.7	25.9	--
Residential building construction	152	10	--	--	30.0	40.0	30.0	--
Single-family homes	1521	7	--	--	42.9	--	--	--
Nonresidential building construction	154	4	--	--	--	75.0	--	--
Nonresidential buildings, other than industrial buildings and warehouses	1542	3	--	--	--	--	--	--
Heavy construction, except building	16	14	42.9	--	42.9	--	--	--
Highway and street construction	161	4	75.0	--	--	--	--	--
Heavy construction, except highway	162	10	30.0	--	50.0	--	--	--
Water, sewer, pipeline, and communications and power line construction	1623	6	--	--	66.7	--	--	--
Special trade contractors	17	53	17.0	--	11.3	45.3	17.0	5.7
Plumbing, heating, air-conditioning	171	5	--	--	--	--	--	--
Electrical work	173	15	20.0	--	--	33.3	33.3	--
Masonry, stonework, and plastering	174	5	--	--	--	60.0	--	--
Plastering, drywall, acoustical, and insulation work	1742	3	--	--	--	--	--	--
Roofing, siding, and sheet metal work	176	6	--	--	--	100.0	--	--
Miscellaneous special trade contractors	179	17	29.4	--	--	47.1	--	--
Structural steel erection	1791	4	--	--	--	100.0	--	--
Excavation work	1794	5	60.0	--	--	--	--	--
Wrecking and demolition work	1795	3	--	--	--	--	--	--
Special trade contractors, n.e.c.	1799	4	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-1. Fatal occupational injuries by industry and event or exposure, California, 1998 - 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		50	22.0	26.0	28.0	8.0	12.0	--
Food and kindred products	20	6	--	50.0	--	--	--	--
Lumber and wood products	24	8	--	--	75.0	--	--	--
Logging	241	6	--	--	83.3	--	--	--
Chemicals and allied products	28	3	--	100.0	--	--	--	--
Industrial inorganic chemicals	281	3	--	100.0	--	--	--	--
Industrial inorganic chemicals, n.e.c.	2819	3	--	100.0	--	--	--	--
Rubber and miscellaneous plastics products	30	4	--	--	75.0	--	--	--
Miscellaneous plastics products, n.e.c.	308	4	--	--	75.0	--	--	--
Stone, clay, and glass products	32	3	--	--	--	--	--	--
Industrial machinery and equipment	35	6	--	--	--	--	--	--
Industrial machinery, n.e.c.	359	3	--	--	--	--	--	--
Industrial machinery, n.e.c.	3599	3	--	--	--	--	--	--
Transportation equipment	37	9	33.3	44.4	--	--	--	--
Motor vehicles and equipment	371	4	--	100.0	--	--	--	--
Motor vehicle parts and accessories	3714	4	--	100.0	--	--	--	--
Ship and boat building and repairing	373	3	--	--	--	--	--	--
Transportation and public utilities		82	70.7	8.5	9.8	3.7	4.9	--
Local and interurban passenger transit	41	6	--	83.3	--	--	--	--
Taxicabs	412	5	--	80.0	--	--	--	--
Trucking and warehousing	42	56	75.0	--	10.7	--	5.4	--
Trucking and courier services, except air	421	56	75.0	--	10.7	--	5.4	--
Local trucking without storage	4212	21	76.2	--	--	--	--	--
Trucking, except local	4213	26	76.9	--	11.5	--	--	--
Courier services, except air	4215	4	75.0	--	--	--	--	--
Water transportation	44	3	--	--	--	--	--	--
Water transportation services	449	3	--	--	--	--	--	--
Transportation by air	45	10	100.0	--	--	--	--	--
Air transportation, nonscheduled	452	7	100.0	--	--	--	--	--
Electric, gas, and sanitary services	49	4	--	--	--	--	--	--
Sanitary services	495	3	--	--	--	--	--	--
Wholesale trade		20	45.0	30.0	--	15.0	--	--
Wholesale trade--durable goods	50	14	35.7	35.7	--	--	--	--
Machinery, equipment, and supplies	508	5	80.0	--	--	--	--	--
Farm and Garden Machinery and Equipment	5083	3	--	--	--	--	--	--
Miscellaneous durable goods	509	3	--	--	--	--	--	--
Wholesale trade--nondurable goods	51	6	66.7	--	--	--	--	--
Groceries and related products	514	5	60.0	--	--	--	--	--
Retail trade		78	23.1	62.8	3.8	7.7	--	--
Building materials and garden supplies	52	6	50.0	--	--	--	--	--
Lumber and other building materials	521	4	--	--	--	--	--	--
Food stores	54	15	--	86.7	--	--	--	--
Grocery stores	541	12	--	83.3	--	--	--	--
Automotive dealers and service stations	55	14	42.9	42.9	--	--	--	--
Gasoline service stations	554	6	--	83.3	--	--	--	--
Motorcycle dealers	557	3	--	--	--	--	--	--
Apparel and accessory stores	56	3	--	100.0	--	--	--	--
Furniture and homefurnishings stores	57	3	--	--	--	--	--	--
Eating and drinking places	58	16	--	62.5	--	18.8	--	--
Eating places	5812	9	--	33.3	--	33.3	--	--
Drinking places	5813	7	--	100.0	--	--	--	--
Miscellaneous retail	59	19	15.8	78.9	--	--	--	--
Liquor stores	592	7	--	85.7	--	--	--	--
Miscellaneous shopping goods stores	594	6	--	83.3	--	--	--	--
Jewelry stores	5944	3	--	100.0	--	--	--	--

See footnotes at end of table.

TABLE A-1. Fatal occupational injuries by industry and event or exposure, California, 1998 - 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
Retail stores, n.e.c.	599	3	--	--	--	--	--	--
Finance, insurance, and real estate		13	23.1	46.2	--	--	--	--
Insurance agents, brokers, and service	64	3	--	100.0	--	--	--	--
Real estate	65	7	--	--	--	--	--	--
Real estate agents and managers	653	5	--	--	--	--	--	--
Services		107	42.1	28.0	5.6	10.3	9.3	--
Hotels and other lodging places	70	4	--	--	--	--	--	--
Hotels and motels	701	3	--	--	--	--	--	--
Personal services	72	7	71.4	--	--	--	--	--
Laundry, cleaning, and garment services	721	4	--	--	--	--	--	--
Business services	73	36	44.4	30.6	--	11.1	11.1	--
Services to buildings	734	6	--	--	--	--	--	--
Building cleaning and maintenance services, n.e.c.	7349	5	--	--	--	--	--	--
Personnel supply services	736	3	--	--	--	--	--	--
Computer and data processing services	737	3	--	--	--	--	--	--
Miscellaneous business services	738	19	47.4	36.8	--	--	--	--
Detective, guard, and armored car services	7381	7	--	57.1	--	--	--	--
Business Services, n.e.c.	7389	12	58.3	25.0	--	--	--	--
Auto repair, services, and parking	75	20	45.0	35.0	--	--	--	--
Automotive Repair Shops	753	13	23.1	46.2	--	--	--	--
General automotive repair shops	7538	9	--	55.6	--	--	--	--
Automotive services, except repair	754	5	80.0	--	--	--	--	--
Automotive services, except repair and carwashes	7549	5	80.0	--	--	--	--	--
Miscellaneous repair services	76	4	--	--	--	--	--	--
Miscellaneous repair shops	769	3	--	--	--	--	--	--
Amusement and recreation services	79	6	--	--	--	--	--	--
Miscellaneous amusement, recreation services	799	6	--	--	--	--	--	--
Amusement and Recreation Services, n.e.c.	7999	4	--	--	--	--	--	--
Health services	80	6	--	66.7	--	--	--	--
Hospitals	806	3	--	--	--	--	--	--
General medical and surgical hospitals	8062	3	--	--	--	--	--	--
Educational services	82	7	85.7	--	--	--	--	--
Schools and educational services, n.e.c.	829	5	100.0	--	--	--	--	--
Social services	83	6	--	50.0	--	--	--	--
Private households	88	6	--	--	--	50.0	--	--
Government⁶		88	55.7	28.4	4.5	4.5	5.7	--
Federal Government (including resident armed forces)		42	54.8	28.6	7.1	--	--	--
Public Administration		40	55.0	30.0	7.5	--	--	--
Environmental quality and housing	95	3	--	--	--	--	--	--
Administration of Environmental Quality Programs	951	3	--	--	--	--	--	--
Administration of Economic Programs	96	3	--	100.0	--	--	--	--
Regulation of Agricultural Marketing and Commodities	964	3	--	100.0	--	--	--	--
National security and international affairs	97	31	64.5	22.6	9.7	--	--	--
National security	971	30	63.3	23.3	10.0	--	--	--

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			Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
State Government		11	90.9	--	--	--	--	--
Services		3	100.0	--	--	--	--	--
Public Administration		6	83.3	--	--	--	--	--
Justice, public order, and safety	92	5	80.0	--	--	--	--	--
Public order and safety	922	5	80.0	--	--	--	--	--
Police protection	9221	4	100.0	--	--	--	--	--
Local Government		33	42.4	36.4	--	--	9.1	--
Transportation and public utilities		7	42.9	--	--	--	--	--
Electric, gas, and sanitary services	49	5	--	--	--	--	--	--
Services		3	--	--	--	--	--	--
Public Administration		23	43.5	43.5	--	--	--	--
Justice, public order, and safety	92	22	40.9	45.5	--	--	--	--
Public order and safety	922	22	40.9	45.5	--	--	--	--
Police protection	9221	14	35.7	57.1	--	--	--	--
Fire protection	9224	8	50.0	--	--	--	--	--

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 12 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