

TABLE A-4. Fatal occupational injuries by industry, California, 1997 to 2002

Industry ¹	1997 (number)	1998 (number)	1999 (number)	2000 (number)	2001 (number)	2002	
						Number	Percent
Total	651	626	602	553	515	478	100.0
Private Industry	573	538	523	500	459	415	86.8
Agriculture, forestry, and fishing	70	75	93	80	72	60	12.6
Agricultural production-crops	18	26	39	16	24	23	4.8
Cash grains	--	4	--	--	--	--	--
Field crops, except cash grains	--	3	--	--	--	--	--
Vegetables and melons	4	--	--	4	4	3	0.6
Fruits and tree nuts	7	7	22	7	13	12	2.5
Grapes	--	4	3	--	3	6	1.3
Tree nuts	3	--	--	--	3	--	--
Deciduous tree fruits	--	--	3	--	--	--	--
Fruits and tree nuts, n.e.c.	--	--	13	--	--	--	--
Horticultural specialties	--	--	6	--	--	--	--
Ornamental floriculture and nursery products	--	--	6	--	--	--	--
General farms, primarily crop	3	6	--	--	--	3	0.6
Agricultural production - livestock	10	5	11	10	12	10	2.1
Livestock, except dairy and poultry	--	--	4	3	--	3	0.6
Beef cattle, except feedlots	--	--	3	3	--	--	--
Dairy farms	5	--	4	3	8	5	1.0
Poultry and eggs	--	--	--	3	--	--	--
Agricultural services	37	34	29	47	30	21	4.4
Crop services	14	8	8	11	5	--	--
Crop planting, cultivating, and protecting	6	3	4	4	--	--	--
Crop harvesting, primarily by machine	3	--	--	4	3	--	--
Crop preparation services for market, except cotton ginning	5	3	3	3	--	--	--
Animal services, except veterinary	--	--	3	--	--	--	--
Animal specialty services, except veterinary	--	--	3	--	--	--	--
Farm labor and management services	6	10	6	9	9	4	0.8
Farm labor contractors and crew leaders	6	9	3	4	9	4	0.8
Farm management services	--	--	--	5	--	--	--
Landscape and horticultural services	15	14	10	26	14	12	2.5
Landscape counseling and planning	3	3	--	--	--	--	--
Lawn and garden services	4	7	6	11	8	9	1.9
Ornamental shrub and tree services	7	4	3	14	5	3	0.6
Fishing, hunting, and trapping	5	10	7	5	--	--	--
Commercial fishing	5	10	7	5	--	--	--
Finfish	--	4	--	--	--	--	--
Shellfish	--	--	4	3	--	--	--
Mining²	8	7	--	4	7	5	1.0
Metal mining	3	--	--	--	--	--	--
Oil and gas extraction	--	3	--	--	5	3	0.6
Oil and gas field services	--	3	--	--	5	--	--
Oil and gas field services, n.e.c.	--	--	--	--	4	--	--
Nonmetallic minerals, except fuels	3	3	--	--	--	--	--
Construction	86	94	94	95	97	78	16.3
General building contractors	13	27	14	12	16	12	2.5
Residential building construction	4	10	8	7	8	4	0.8
Single-family homes	4	7	6	7	6	3	0.6
Nonresidential building construction	4	4	5	5	5	6	1.3
Industrial buildings and warehouses	--	--	--	--	3	5	1.0
Nonresidential buildings, other than industrial buildings and warehouses	--	3	3	3	--	--	--
Heavy construction, except building	20	14	13	17	18	18	3.8
Highway and street construction	3	4	4	3	5	8	1.7
Heavy construction, except highway	10	10	8	14	13	10	2.1
Bridge, tunnel, and elevated highway construction	--	--	--	--	4	--	--
Water, sewer, pipeline, and communications and power line construction	--	6	6	8	5	4	0.8
Heavy construction, n.e.c.	6	--	--	4	4	5	1.0
Special trade contractors	53	53	60	61	59	46	9.6
Plumbing, heating, air-conditioning	--	5	5	5	6	6	1.3
Painting and paper hanging	6	--	--	4	--	4	0.8

See footnotes at end of table.

TABLE A-4. Fatal occupational injuries by industry, California, 1997 to 2002 - continued

Industry ¹	1997 (number)	1998 (number)	1999 (number)	2000 (number)	2001 (number)	2002	
						Number	Percent
Electrical work	6	15	14	11	7	11	2.3
Masonry, stonework, and plastering	5	5	--	7	5	4	0.8
Masonry, stonemasonry, and other stone work	4	--	--	--	--	--	--
Plastering, drywall, acoustical, and insulation work	--	3	--	6	4	--	--
Carpentry and floor work	5	--	4	5	10	7	1.5
Carpentry work	3	--	4	4	9	5	1.0
Roofing, siding, and sheet metal work	8	6	14	6	13	5	1.0
Concrete work	4	--	--	--	--	--	--
Miscellaneous special trade contractors	15	17	17	22	15	8	1.7
Structural steel erection	--	4	--	3	5	--	--
Excavation work	--	5	4	8	--	--	--
Wrecking and demolition work	4	3	--	--	3	--	--
Installation or erection of building equipment, n.e.c.	--	--	--	3	--	--	--
Special trade contractors, n.e.c.	6	4	9	7	5	3	0.6
Manufacturing	54	50	62	41	36	50	10.5
Food and kindred products	3	6	10	--	4	10	2.1
Beverages	--	--	3	--	--	--	--
Wines, brandy, and brandy spirits	--	--	3	--	--	--	--
Apparel and other textile products	3	--	--	--	--	--	--
Lumber and wood products	7	8	10	6	8	9	1.9
Logging	4	6	3	4	6	7	1.5
Millwork, plywood and structural members	--	--	3	--	--	--	--
Furniture and fixtures	--	--	--	--	3	--	--
Paper and allied products	--	--	3	--	--	--	--
Printing and publishing	6	--	--	--	--	--	--
Newspapers	6	--	--	--	--	--	--
Chemicals and allied products	5	3	5	3	--	4	0.8
Industrial inorganic chemicals	--	3	--	--	--	--	--
Industrial inorganic chemicals, n.e.c.	--	3	--	--	--	--	--
Rubber and miscellaneous plastics products	3	4	--	--	--	--	--
Miscellaneous plastics products, n.e.c.	3	4	--	--	--	--	--
Plastics products, n.e.c.	3	--	--	--	--	--	--
Stone, clay, and glass products	--	3	6	3	3	6	1.3
Concrete, gypsum, and plaster products	--	--	3	--	3	5	1.0
Ready-mixed concrete	--	--	--	--	--	4	0.8
Primary metal industries	--	--	3	--	--	--	--
Fabricated metal products	4	--	--	4	4	--	--
Industrial machinery and equipment	6	6	3	5	--	6	1.3
Industrial machinery, n.e.c.	--	3	--	--	--	--	--
Industrial machinery, n.e.c.	--	3	--	--	--	--	--
Electronic and other electric equipment	3	--	4	3	--	--	--
Transportation equipment	8	9	4	6	--	--	--
Motor vehicles and equipment	--	4	--	--	--	--	--
Motor vehicle parts and accessories	--	4	--	--	--	--	--
Ship and boat building and repairing	4	3	--	--	--	--	--
Ship building and repairing	4	--	--	--	--	--	--
Transportation and public utilities	96	82	92	95	79	81	16.9
Railroad transportation	3	--	--	--	--	--	--
Railroads	3	--	--	--	--	--	--
Local and interurban passenger transit	5	6	15	8	8	6	1.3
Local and suburban transportation	--	--	4	--	--	--	--
Taxicabs	5	5	10	8	4	4	0.8
Trucking and warehousing	61	56	52	55	49	48	10.0
Trucking and courier services, except air	49	56	44	53	45	48	10.0
Local trucking without storage	26	21	25	25	19	33	6.9
Trucking, except local	14	26	7	23	16	15	3.1
Local trucking with storage	3	--	--	--	--	--	--
Courier services, except air	4	4	--	3	--	--	--
Public warehousing and storage	4	--	3	--	--	--	--
General warehousing and storage	3	--	3	--	--	--	--
Water transportation	9	3	4	3	--	6	1.3
Water transportation services	8	3	3	3	--	5	1.0
Marine cargo handling	5	--	--	--	--	5	1.0
Transportation by air	3	10	4	15	5	7	1.5

See footnotes at end of table.

TABLE A-4. Fatal occupational injuries by industry, California, 1997 to 2002 - continued

Industry ¹	1997 (number)	1998 (number)	1999 (number)	2000 (number)	2001 (number)	2002	
						Number	Percent
Air transportation, scheduled and air courier services	--	--	--	11	--	--	--
Air transportation, scheduled	--	--	--	6	--	--	--
Air courier services	--	--	--	5	--	--	--
Air transportation, nonscheduled	--	7	--	--	--	5	1.0
Airports, flying fields, and services	--	--	--	3	--	--	--
Airports, Flying Fields, and Airport Terminal Services (aircraft upholstery repair)	--	--	--	3	--	--	--
Transportation services	--	--	3	--	3	4	0.8
Freight transportation arrangement	--	--	--	--	--	3	0.6
Communications	3	--	3	3	8	5	1.0
Telephone communications	--	--	--	--	--	3	0.6
Electric, gas, and sanitary services	10	4	9	8	6	5	1.0
Electric services	--	--	--	--	--	3	0.6
Combination utility services	3	--	5	--	--	--	--
Electric and other services combined	--	--	4	--	--	--	--
Sanitary services	5	3	4	4	5	--	--
Refuse systems	5	--	3	3	5	--	--
Wholesale trade	29	20	18	17	21	9	1.9
Wholesale trade--durable goods	20	14	10	7	14	7	1.5
Lumber and construction materials	4	--	--	--	--	--	--
Brick, Stone, and Related Construction Materials	3	--	--	--	--	--	--
Electrical goods	--	--	--	--	5	--	--
Electrical Apparatus and Equipment, Wiring Supplies, and Construction Materials	--	--	--	--	5	--	--
Machinery, equipment, and supplies	--	5	--	--	--	--	--
Farm and Garden Machinery and Equipment	--	3	--	--	--	--	--
Miscellaneous durable goods	9	3	3	--	--	5	1.0
Toys and hobby goods and supplies	4	--	--	--	--	--	--
Scrap and waste materials	4	--	3	--	--	5	1.0
Wholesale trade--nondurable goods	9	6	8	10	7	--	--
Groceries and related products	7	5	3	6	3	--	--
Miscellaneous nondurable goods	--	--	4	--	--	--	--
Retail trade	87	78	56	60	45	43	9.0
Building materials and garden supplies	--	6	3	--	3	3	0.6
Lumber and other building materials	--	4	3	--	3	--	--
General merchandise stores	--	--	4	--	4	--	--
Food stores	26	15	10	13	8	7	1.5
Grocery stores	19	12	8	10	6	7	1.5
Retail bakeries	4	--	--	--	--	--	--
Automotive dealers and service stations	21	14	11	10	--	6	1.3
New and used car dealers	4	--	3	4	--	4	0.8
Auto and home supply stores	4	--	3	--	--	--	--
Gasoline service stations	8	6	3	--	--	--	--
Recreational vehicle dealers	3	--	--	--	--	--	--
Motorcycle dealers	--	3	--	--	--	--	--
Apparel and accessory stores	--	3	--	4	--	--	--
Furniture and homefurnishings stores	4	3	--	7	--	--	--
Furniture and homefurnishings stores	4	--	--	4	--	--	--
Furniture Stores	3	--	--	3	--	--	--
Eating and drinking places	16	16	16	5	13	7	1.5
Eating places	14	9	14	5	11	5	1.0
Drinking places	--	7	--	--	--	--	--
Miscellaneous retail	15	19	12	20	14	15	3.1
Liquor stores	7	7	3	4	4	4	0.8
Used merchandise stores	3	--	--	--	--	--	--
Miscellaneous shopping goods stores	--	6	5	7	3	4	0.8
Jewelry stores	--	3	3	4	--	--	--
Nonstore retailers	--	--	--	5	3	3	0.6
Direct selling establishments	--	--	--	5	3	3	0.6
Retail stores, n.e.c.	--	3	3	--	--	--	--
Miscellaneous Retail Stores, n.e.c.	--	--	3	--	--	--	--
Finance, insurance, and real estate	15	13	11	8	9	8	1.7
Insurance agents, brokers, and service	--	3	--	--	--	--	--
Real estate	10	7	9	7	8	5	1.0
Real estate operators and lessors	3	--	--	4	5	--	--
Real estate agents and managers	6	5	5	--	--	3	0.6

See footnotes at end of table.

TABLE A-4. Fatal occupational injuries by industry, California, 1997 to 2002 - continued

Industry ¹	1997 (number)	1998 (number)	1999 (number)	2000 (number)	2001 (number)	2002	
						Number	Percent
Services	113	107	93	100	93	81	16.9
Hotels and other lodging places	5	4	4	5	--	--	--
Hotels and motels	5	3	--	5	--	--	--
Personal services	6	7	6	4	--	6	1.3
Laundry, cleaning, and garment services	3	4	5	3	--	--	--
Business services	31	36	21	23	37	23	4.8
Services to buildings	5	6	3	7	4	3	0.6
Building cleaning and maintenance services, n.e.c.	4	5	3	7	3	--	--
Miscellaneous equipment rental and leasing	3	--	--	--	3	3	0.6
Heavy construction equipment rental and leasing	--	--	--	--	3	3	0.6
Personnel supply services	3	3	--	--	6	--	--
Help supply services	--	--	--	--	6	--	--
Computer and data processing services	--	3	3	--	--	--	--
Miscellaneous business services	16	19	13	14	21	14	2.9
Detective, guard, and armored car services	11	7	12	9	14	13	2.7
Security systems services	3	--	--	--	--	--	--
Business Services, n.e.c.	--	12	--	3	6	--	--
Auto repair, services, and parking	18	20	18	14	19	18	3.8
Automotive Repair Shops	11	13	11	6	3	11	2.3
Top, Body, and Upholstery Repair Shops and Paint Shops	--	--	4	--	--	--	--
General automotive repair shops	6	9	--	4	--	6	1.3
Automotive services, except repair	6	5	4	7	15	6	1.3
Automotive services, except repair and carwashes	5	5	3	7	15	4	0.8
Miscellaneous repair services	5	4	5	4	--	--	--
Miscellaneous repair shops	4	3	4	3	--	--	--
Motion pictures	8	--	--	7	--	--	--
Motion picture production and services	3	--	--	6	--	--	--
Motion Picture and Video Tape Production	--	--	--	6	--	--	--
Video tape rental	4	--	--	--	--	--	--
Amusement and recreation services	5	6	13	12	10	8	1.7
Commercial sports	--	--	--	3	4	3	0.6
Racing, including track operation	--	--	--	3	4	3	0.6
Miscellaneous amusement, recreation services	5	6	9	6	5	3	0.6
Membership sports and recreation clubs	--	--	3	3	--	--	--
Amusement and Recreation Services, n.e.c.	5	4	6	3	3	--	--
Health services	6	6	8	8	7	11	2.3
Offices and clinics of medical doctors	--	--	--	--	--	5	1.0
Nursing and personal care facilities	--	--	--	--	--	3	0.6
Hospitals	--	3	7	--	3	--	--
General medical and surgical hospitals	--	3	7	--	--	--	--
Health and allied services, n.e.c.	--	--	--	5	--	--	--
Kidney Dialysis Centers	--	--	--	3	--	--	--
Legal services	5	--	--	--	--	--	--
Educational services	3	7	3	7	3	--	--
Schools and educational services, n.e.c.	--	5	--	5	--	--	--
Social services	--	6	4	5	4	--	--
Individual and family services	--	--	--	5	--	--	--
Membership organizations	7	--	3	5	--	--	--
Religious organizations	4	--	3	5	--	--	--
Engineering and management services	6	--	5	5	--	4	0.8
Engineering and architectural services	3	--	--	--	--	--	--
Surveying services	3	--	--	--	--	--	--
Private households	5	6	--	--	--	--	--
Government²	78	88	79	53	56	63	13.2
Federal Government (including resident armed forces)	41	42	41	21	17	34	7.1
Transportation and public utilities	--	--	3	--	--	--	--
United States Postal Service	--	--	3	--	--	--	--
Public Administration	40	40	38	20	14	33	6.9
Environmental quality and housing	5	3	--	--	--	--	--
Administration of Environmental Quality Programs	5	3	--	--	--	--	--
Air and Water Resource and Solid Waste Management	3	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-4. Fatal occupational injuries by industry, California, 1997 to 2002 - continued

Industry ¹	1997 (number)	1998 (number)	1999 (number)	2000 (number)	2001 (number)	2002	
						Number	Percent
Administration of Economic Programs	--	3	--	--	--	--	--
Regulation of Agricultural Marketing and Commodities	--	3	--	--	--	--	--
National security and international affairs	32	31	32	13	14	28	5.9
National security	31	30	32	13	14	28	5.9
State Government	15	11	7	6	8	4	0.8
Services	--	3	--	--	--	--	--
Public Administration	14	6	4	4	7	4	0.8
Justice, public order, and safety	7	5	3	3	3	--	--
Public order and safety	7	5	3	3	3	--	--
Police protection	--	4	--	--	--	--	--
Correctional institutions	4	--	--	--	--	--	--
Administration of Economic Programs	5	--	--	--	--	--	--
Regulation and Administration of Transportation Programs	4	--	--	--	--	--	--
Local Government	22	33	31	25	27	23	4.8
Transportation and public utilities	--	7	3	--	3	3	0.6
Electric, gas, and sanitary services	--	5	--	--	--	--	--
Services	3	3	10	3	7	5	1.0
Educational services	3	--	7	3	5	3	0.6
Elementary and secondary schools	--	--	6	3	4	3	0.6
Public Administration	19	23	18	18	17	15	3.1
Justice, public order, and safety	15	22	14	14	14	10	2.1
Public order and safety	15	22	14	14	14	10	2.1
Police protection	12	14	9	11	12	8	1.7
Fire protection	3	8	5	--	--	--	--
Environmental quality and housing	--	--	--	--	--	3	0.6
Administration of Environmental Quality Programs	--	--	--	--	--	3	0.6
Air and Water Resource and Solid Waste Management	--	--	--	--	--	3	0.6

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

² 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

³ 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.

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

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

All Data are revised and final.

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