

TABLE C-1. Fatal occupational injuries, employment, and rates of fatal occupational injuries by selected worker characteristics, occupations, and industries, 2004

Characteristic	Total fatalities	Total employment ¹ (in thousands)	Fatality rate ²
Total	5,764	140,411	4.1
Employee status			
Wage and salary workers ³	4,587	129,864	3.5
Self-employed ⁴	1,177	10,547	11.1
Sex			
Men	5,349	75,509	7.1
Women	415	64,902	0.6
Age category			
16 to 17 years	25	2,195	1.1
18 to 19 years	103	3,808	2.7
20 to 24 years	421	14,112	3.0
25 to 34 years	996	30,828	3.2
35 to 44 years	1,342	34,810	3.9
45 to 54 years	1,384	32,507	4.3
55 to 64 years	907	17,333	5.2
65 years and over	569	4,819	11.8
Race or ethnic origin⁵			
White	4,066	99,320	4.1
Black or African American	546	14,622	3.7
Hispanic or Latino	902	18,031	5.0
Occupation⁶			
Management, professional, and related occupations	961	48,532	2.0
Management, business, and financial operations occupations	664	20,235	3.3
Management occupations	637	14,555	4.4
Farm, ranch, and other agricultural managers	17	199	8.5
Farmers and ranchers	310	817	37.8
Construction managers	95	851	11.2
Food service managers	31	916	3.4
Business and financial operations occupations	27	5,680	0.5
Professional and related occupations	297	28,297	1.0
Architecture and engineering occupations	69	2,760	2.5
Education, training, and library occupations	27	7,900	0.3
Arts, design, entertainment, sports, and media occupations	51	2,687	1.9
Healthcare practitioner and technical occupations	72	6,721	1.1
Service occupations	671	22,720	2.9
Protective service occupations	273	2,847	9.6
Fire fighters (exc. supervisors)	29	268	10.8
Police and sheriff's patrol officers	121	664	18.2
Security guards and gaming surveillance officers	69	798	8.6
Food preparation and serving related occupations	52	7,279	0.7
Building and grounds cleaning and maintenance occupations	278	5,185	5.3
Janitors and building cleaners	48	2,047	2.3
Grounds maintenance workers	169	1,280	13.1
Personal care and service occupations	56	4,488	1.2
Sales and office occupations	446	35,464	1.3
Sales and related occupations	355	15,983	2.2
First-line supervisors/managers of retail sales workers	131	3,299	4.0
First-line supervisors/managers of non-retail sales workers	28	1,390	2.0
Cashiers	54	2,971	1.8
Retail salespersons	41	3,130	1.3
Office and administrative support occupations	91	19,481	0.5
Natural resources, construction, and maintenance occupations	1,807	14,582	12.3
Farming, fishing, and forestry occupations	285	991	28.1
Miscellaneous agricultural workers	142	680	19.9
Fishers and related fishing workers	40	44	90.9
Logging workers	85	92	92.4
Construction and extraction occupations	1,138	8,522	13.4

See footnotes at end of table.

TABLE C-1. **Fatal occupational injuries, employment, and rates of fatal occupational injuries by selected worker characteristics, occupations, and industries, 2004 — Continued**

Characteristic	Total fatalities	Total employment ¹ (in thousands)	Fatality rate ²
Occupation⁶ - continued			
Carpenters	111	1,764	6.3
Construction laborers	296	1,234	24.0
Operating engineers and other construction equipment operators ...	61	367	16.6
Electricians	94	781	12.0
Painters, construction and maintenance	61	719	8.5
Pipelayers, plumbers, pipefitters, and steamfitters	37	635	5.8
Roofers	95	269	35.3
Structural iron and steel workers	31	66	47.0
Helpers, construction trades	21	121	17.4
Installation, maintenance, and repair occupations	384	5,069	7.6
First-line supervisors/managers of mechanics, installers, and repair	43	327	13.1
Automotive service technicians and mechanics	39	936	4.2
Heating, air conditioning, and refrigeration mechanics and installer	24	351	6.8
Electrical power-line installers and repairers	36	120	30.0
Production, transportation, and material moving occupations	1,801	17,954	10.0
Production occupations	290	9,462	3.1
First-line supervisors/managers of production and operating workers	37	921	4.0
Welding, soldering, and brazing workers	48	572	8.4
Transportation and material moving occupations	1,511	8,491	17.8
Aircraft pilots and flight engineers	109	118	92.4
Driver/sales workers and truck drivers	918	3,276	28.0
Taxi drivers and chauffeurs	68	277	24.5
Industrial truck and tractor operators	45	530	8.5
Laborers and freight, stock, and material movers, hand	127	1,797	7.1
Refuse and recyclable material collectors	35	81	43.2
Military occupations	71	1,159	6.1
Industry⁷			
Private industry	5,229	119,202	4.4
Agriculture, forestry, fishing, and hunting	669	2,165	30.5
Crop production	320	857	36.5
Animal production	144	953	15.0
Logging	97	126	77.0
Fishing, hunting, and trapping	39	52	75.0
Support activities for agriculture and forestry	46	153	30.1
Mining⁸	152	538	28.3
Oil and gas extraction	29	66	43.9
Coal mining	26	87	29.9
Support activities for mining	71	255	27.8
Utilities	51	836	6.1
Construction	1,234	10,272	12.0
Manufacturing	463	16,422	2.8
Food manufacturing	66	1,563	4.2
Animal food, grain and oilseed milling	12	144	8.3
Animal slaughtering and processing	26	485	5.4
Chemical manufacturing	31	1,212	2.6
Plastics and rubber products manufacturing	25	715	3.5
Nonmetallic mineral product manufacturing	56	506	11.1
Cement, concrete, lime, and gypsum product manufacturing	40	208	19.2
Primary metal manufacturing	29	557	5.2
Fabricated metal product manufacturing	57	1,325	4.3
Machinery manufacturing	26	1,211	2.1
Transportation equipment manufacturing	32	2,258	1.4
Wood product manufacturing	49	512	9.6
Wholesale trade	205	4,589	4.5
Merchant wholesalers, durable goods	101	2,439	4.1
Machinery, equipment, and supplies, merchant wholesalers	20	507	3.9
Merchant wholesalers, nondurable goods	95	2,060	4.6
Groceries and related products, merchant wholesalers	27	885	3.1
Retail trade	377	16,187	2.3
Motor vehicle and parts dealers	77	2,033	3.8

See footnotes at end of table.

TABLE C-1. **Fatal occupational injuries, employment, and rates of fatal occupational injuries by selected worker characteristics, occupations, and industries, 2004 — Continued**

Characteristic	Total fatalities	Total employment ¹ (in thousands)	Fatality rate ²
Industry⁷ - continued			
Automobile dealers	41	1,359	3.0
Auto parts, accessories, and tire stores	27	521	5.2
Building material and garden supply stores	39	1,401	2.8
Food and beverage stores	85	2,977	2.9
Grocery stores	73	2,591	2.8
Gasoline stations	45	518	8.7
Miscellaneous store retailers	28	1,234	2.3
Nonstore retailers	15	601	2.5
Transportation and warehousing	840	4,657	18.0
Air transportation	47	558	8.4
Rail transportation	19	233	8.2
Water transportation	44	44	100.0
Truck transportation	517	1,912	27.0
Transit and ground passenger transportation	76	550	13.8
Bus service and urban transit	18	347	5.2
Taxi and limousine service	58	203	28.6
Services incidental to transportation	80	445	18.0
Warehousing and storage	21	232	9.1
Information	55	3,284	1.7
Publishing industries, except internet	33	823	4.0
Newspaper publishers	31	474	6.5
Finance, insurance, real estate, and rental and leasing	116	9,759	1.2
Finance and insurance	46	6,814	0.7
Real estate and rental and leasing	70	2,946	2.4
Real estate	46	2,435	1.9
Professional, scientific, management, administrative	452	13,767	3.3
Professional, scientific, and technical services	77	8,208	0.9
Administrative and support and waste management services	373	5,524	6.7
Employment services	27	923	2.9
Investigation and security services	49	653	7.5
Services to buildings and dwellings (except cleaning during construction and immediately after construction)	35	1,174	3.0
Landscaping services	170	1,175	14.4
Waste management and remediation services	78	328	23.8
Educational, health and social services	157	18,485	0.8
Educational services	44	3,478	1.3
Health care and social assistance	113	15,006	0.8
Ambulatory health care services	54	5,374	1.0
Hospitals	29	4,957	0.6
Nursing and residential care facilities	16	2,315	0.7
Social assistance	13	2,362	0.6
Arts, entertainment, recreation, accommodation, and food services	247	11,373	2.2
Arts, entertainment, and recreation	99	2,297	4.3
Independent artists, performing arts, spectator sports, and related industries	50	737	6.8
Other amusement, gambling, and recreation industries	44	1,370	3.1
Accommodation and food services	148	9,076	1.6
Accommodation	30	1,502	2.0
Traveler accommodation	22	1,413	1.6
Food services and drinking places	118	7,575	1.6
Restaurants and other food services	84	7,341	1.1
Drinking places, alcoholic beverages	34	234	14.5
Other services (except public administration)	207	6,867	3.0
Automotive repair and maintenance	81	1,201	6.7
Personal and laundry services	39	2,099	1.8
Membership associations and organizations	42	1,916	2.2

See footnotes at end of table.

TABLE C-1. Fatal occupational injuries, employment, and rates of fatal occupational injuries by selected worker characteristics, occupations, and industries, 2004 — Continued

Characteristic	Total fatalities	Total employment ¹ (in thousands)	Fatality rate ²
Industry⁷ - continued			
Government⁹	535	21,209	2.5
Federal	118	4,445	2.7
State	100	5,732	1.7
Local	312	11,032	2.8

¹ The employment figures, except for military, are annual average estimates of employed civilians, 16 years of age and older, from the Current Population Survey (CPS), 2004. The resident military figure, obtained from the Department of Defense, was added to the CPS employment total.

² The rate represents the number of fatal occupational injuries per 100,000 employed workers and was calculated as follows: $(N/W) \times 100,000$, where N = the number of fatal work injuries, and W = the number of employed workers.

³ May include volunteers and workers receiving other types of compensation.

⁴ Includes self-employed workers, owners of unincorporated businesses and farms, paid and unpaid family workers, and may include some owners of incorporated businesses or members of partnerships.

⁵ Persons identified as Hispanic or Latino may be of any race. The racial categories shown exclude data for Hispanics and Latinos.

⁶ Based on the 2000 Standard Occupational Classification system.

⁷ Based on the North American Industry Classification System, 2002.

⁸ Includes fatalities at all establishments categorized as Mining (Sector 21) in the 2002 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.

⁹ Includes fatalities to workers employed by governmental organizations regardless of industry.

NOTE: Selected rate categories had 5 or more work injury fatalities in 2004. Totals for major categories may include subcategories not shown separately. Figures may not add to totals because of rounding. There were 13 fatal injuries to workers under the age of 16 years that were not included in the rate calculations to maintain consistency with the CPS employment.

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.