

Fatal occupational injuries, total hours worked, and rates of fatal occupational injuries by selected worker characteristics, occupations, and industries, civilian workers, 2008

Characteristic	Total Fatalities	Total hours worked ¹ (millions)	Fatality Rate ²
Total	5,214	271,958	3.7
Employee Status:			
Wage and salary workers	4,183	254,085	3.2
Self-employed	1,031	17,676	11.6
Gender:			
Men	4,827	155,020	6.1
Women	387	116,881	0.6
Age Category:			
16 to 17 years	23	1,714	2.5
18 to 19 years	66	4,754	2.4
20 to 24 years	353	23,250	2.8
25 to 34 years	850	60,610	2.8
35 to 44 years	1,113	65,657	3.3
45 to 54 years	1,292	68,046	3.8
55 to 64 years	920	38,942	4.7
65 years and over	580	8,939	12.7
Race:			
White	3,663	187,407	3.8
Black or African American	533	28,733	3.7
Hispanic	804	37,978	4.2
Occupation:			
Civilian Occupations			
Management, professional, and related occupations	844	102,703	1.6
Management, business, and financial operations occupations	577	46,080	2.5
Management occupations	553	33,845	3.3
Farmers and ranchers	324	1,601	40.3
Construction managers	55	2,575	4.3
Food service managers	28	2,355	2.4
Business and financial operations occupations	24	12,212	0.4
Professional and related occupations	267	56,710	0.9
Architecture and engineering occupations	42	6,054	1.4
Education, training, and library occupations	27	14,202	0.4
Arts, design, entertainment, sports, and media occupations	57	4,927	2.3
Healthcare practitioner and technical occupations	61	13,880	0.9
Service occupations	681	41,383	3.2
Protective service occupations	306	6,220	9.1
Fire fighters (exc. Supervisors)	44	806	6.9
Police and sheriff's patrol officers	112	1,426	15.7
Security guards and gaming surveillance officers	70	1,642	8.5
Food preparation and serving related occupations	65	12,168	1.1
Building and grounds cleaning and maintenance occupations	234	9,229	5.1
Janitors and building cleaners	57	3,628	3.1

see footnotes at the end of table

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Characteristic	Total Fatalities	Total hours worked ¹ (millions)	Fatality Rate ²
Grounds maintenance workers	131	2,152	12.2
Personal care and service occupations	57	8,187	1.3
Sales and office occupations	364	64,173	1.1
Sales and related occupations	275	29,961	1.8
First-line supervisors/managers of retail sales workers	113	7,378	3.1
First-line supervisors/managers of non-retail sales workers	17	2,759	1.2
Cashiers	43	4,392	1.9
Retail salespersons	44	5,637	1.5
Office and administrative support occupations	89	34,185	0.5
Natural resources, construction, and maintenance occupations	1,617	28,869	11.1
Farming, fishing, and forestry occupations	286	1,957	28.4
Miscellaneous agricultural workers	141	1,407	18.9
Fishers and related fishing workers	50	78	128.2
Logging workers	85	142	119.7
Construction and extraction occupations	977	16,407	11.8
Carpenters	70	2,868	4.8
Construction laborers	241	2,934	16.2
Operating engineers and other construction equipment operators	66	824	16.0
Electricians	74	1,763	8.4
Painters, construction and maintenance	50	1,141	8.6
Pipelayers, plumbers, pipefitters, and steamfitters	39	1,210	6.4
Roofers	69	401	34.4
Structural iron and steel workers	36	155	46.5
Helpers, construction trades	15	207	14.5
Installation, maintenance, and repair occupations	354	10,432	6.7
First-line supervisors/managers of mechanics, installers, and repair	26	648	7.7
Automotive service technicians and mechanics	44	1,705	5.0
Heating, air conditioning, and refrigeration mechanics and installer	19	795	4.8
Electrical power-line installers and repairers	35	235	29.8
Production, transportation, and material moving occupations	1,643	34,667	9.4
Production occupations	267	17,656	3.0
First-line supervisors/managers of production and operating workers	36	1,854	3.8
Welding, soldering, and brazing workers	65	1,235	10.5
Transportation and material moving occupations	1,376	17,016	16.1
Aircraft pilots and flight engineers	91	246	73.2
Driver/sales workers and truck drivers	856	7,113	24.0
Taxi drivers and chauffeurs	69	715	19.3
Industrial truck and tractor operators	50	1,132	8.8
Laborers and freight, stock, and material movers, hand	113	3,293	6.7
Refuse and recyclable material collectors	30	169	35.5

see footnotes at the end of table

Fatal occupational injuries, total hours worked, and rates of fatal occupational injuries by selected worker characteristics, occupations, and industries, civilian workers, 2008 - continued

Characteristic	Total Fatalities	Total hours worked ¹ (millions)	Fatality Rate ²
Private industry	4,670	233,054	4.0
Goods producing	2,234	58,620	7.6
Natural resources and mining	848	6,301	26.6
Agriculture, forestry, fishing, and hunting	672	4,355	30.4
Crop production	314	1,887	32.5
Animal production	161	1,886	16.8
Logging	96	172	111.6
Fishing, hunting, and trapping	46	99	92.9
Support activities for agriculture and forestry	48	281	34.2
Mining	176	1,946	18.1
Oil and gas extraction	21	176	23.9
Coal mining	26	237	21.9
Support activities for mining	104	1,216	17.1
Utilities	37	1,864	3.9
Construction	975	19,999	9.7
Manufacturing	411	32,320	2.5
Food manufacturing	70	3,180	4.4
Animal food, grain and oilseed milling	19	308	12.3
Chemical manufacturing	18	2,666	1.4
Plastics and rubber products manufacturing	21	1,125	3.7
Nonmetallic mineral product manufacturing	40	1,071	7.5
Cement, concrete, lime, and gypsum product manufacturing	29	424	13.7
Primary metal manufacturing	41	1,131	7.3
Fabricated metal product manufacturing	51	2,576	4.0
Machinery manufacturing	27	2,714	2.0
Transportation equipment manufacturing	29	4,688	1.2
Wood product manufacturing	27	965	5.6
Service providing	2,436	174,410	2.8
Trade, transportation, and utilities	1,314	50,071	5.2
Wholesale trade	180	8,266	4.4
Merchant wholesalers, durable goods	91	3,623	5.0
Machinery, equipment, and supplies, merchant wholesalers	27	869	6.2
Merchant wholesalers, nondurable goods	78	3,866	4.0
Groceries and related products, merchant wholesalers	27	1,723	3.1
Retail trade	301	29,271	2.0
Motor vehicle and parts dealers	59	4,183	2.8
Automobile dealers	31	2,808	2.2
Auto parts, accessories, and tire stores	21	1,022	4.1
Building material and garden supply stores	37	1,864	4.0
Food and beverage stores	55	5,152	2.1
Grocery stores	47	4,436	2.1
Gasoline stations	38	955	7.7
Nonstore retailers	26	1,045	5.0
Transportation and warehousing	796	10,670	14.9
Air transportation	38	1,000	7.6
Rail transportation	23	548	8.4
Water transportation	18	158	22.8
Truck transportation	498	4,301	23.1
Transit and ground passenger transportation	78	1,196	13.0
Bus service and urban transit	20	641	6.2
Taxi and limousine service	58	555	20.9

see footnotes at the end of table

Fatal occupational injuries, total hours worked, and rates of fatal occupational injuries by selected worker characteristics, occupations, and industries, civilian workers, 2008 - continued

Characteristic	Total Fatalities	Total hours worked ¹ (millions)	Fatality Rate ²
Services incidental to transportation	89	1,278	13.9
Information	47	6,386	1.5
Publishing industries, except Internet	20	1,457	2.7
Newspaper publishers	18	708	5.1
Finance, insurance, real Estate, and rental and leasing	106	19,489	1.1
Finance and Insurance	24	14,109	0.3
Real estate and rental and leasing	82	5,376	3.1
Real estate	54	4,443	2.4
Professional, scientific, management, administrative	403	28,862	2.8
Professional, scientific, and technical services	69	17,899	0.8
Administrative and support and waste management services	332	10,956	6.1
Employment services	36	1,687	4.3
Investigation and security services	35	1,578	4.4
Services to buildings and dwellings (except cleaning during construction and immediately after construction)	49	2,266	4.3
Landscaping services	123	2,166	11.4
Waste management and remediation services	73	728	20.1
Educational, health and social services	141	36,572	0.7
Educational services	28	6,496	0.9
Health care and social assistance	113	30,025	0.7
Ambulatory health care services	55	11,164	1.0
Hospitals	23	10,159	0.5
Nursing and residential care facilities	17	4,185	0.8
Social assistance	18	4,554	0.7
Arts, entertainment, recreation, accommodation, and food services	238	20,617	2.2
Arts, entertainment, and recreation	92	4,265	4.0
Independent artists, performing arts, spectator sports, and related industries	44	1,309	6.6
Other amusement, gambling, and recreation industries	41	2,638	2.8
Accommodation and food services	146	16,315	1.8
Accommodation	26	2,826	1.8
Traveler accommodation	23	2,657	1.7
Food services and drinking places	120	13,503	1.8
Restaurants and other food services	85	13,114	1.3
Drinking places, alcoholic beverages	35	412	17.0
Other services (except public administration)	178	12,413	2.6
Automotive repair and maintenance	69	2,416	5.7
Personal and laundry services	29	3,804	1.5
Membership associations and organizations	36	3,399	1.4
Government	544	38,779	2.4
Federal	108	6,801	1.5
State	118	11,217	2.1
Local	317	20,799	2.8

¹ The total hours worked figures are annual average estimates of total at work multiplied by average hours for civilians, 16 years of age and older, from the Current Population Survey (CPS), 2008

² The rate represents the number of fatal occupational injuries per 100,000 full-time equivalent workers and was calculated as:

$(N/EH) \times 200,000,000$ where

N = the number of fatal work injuries

EH = total hours worked by all employees during the calendar year.

200,000,000 = base for 100,000 equivalent full-time workers (working 40 hours per week, 50 weeks per year)

NOTE: Totals for major categories may include subcategories not shown separately. Figures may not add to totals because of rounding. Workers under the age of 16 years, volunteer workers, and members of the resident military are not included in rate calculations to maintain consistency with the CPS employment. The total fatalities column represents total published fatalities before the exclusions. CFOI fatality counts exclude illness-related deaths unless precipitated by an injury event. Data for all years are revised and final.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries, 2010