

Fatal occupational injuries, total hours worked, and rates of fatal occupational injuries by selected worker characteristics, occupations, and industries, civilian workers, 2011

Characteristic	Total fatal injuries	Total hours worked ¹ (millions)	Fatal injury rate ²
Total	4,693	258,293	3.5
Employee status:			
Wage and salary workers	3,642	241,832	2.9
Self-employed	1,051	15,918	13.1
Gender:			
Men	4,308	146,322	5.7
Women	385	111,782	0.7
Age Category:			
18 to 19 years	61	3,614	3.0
20 to 24 years	292	21,262	2.5
25 to 34 years	714	58,180	2.4
35 to 44 years	875	58,722	2.9
45 to 54 years	1,222	64,008	3.8
55 to 64 years	936	41,299	4.4
65 years and over	569	10,067	11.0
Race³:			
White (non-Hispanic)	3,323	177,293	3.6
Black or African American (non-Hispanic)	440	26,281	3.3
Hispanic or Latino	749	36,981	4.0
Occupation:			
Civilian occupations			
Management, professional, and related occupations	744	101,483	1.4
Management, business, and financial operations occupations	497	44,770	2.2
Management occupations	467	32,299	2.9
Farmers, ranchers, and other agricultural managers	268	2,054	26.1
Construction managers	21	1,911	2.2
Food service managers	28	2,297	2.4
Property, real estate, and community association managers	15	1,074	2.8
Business and financial operations occupations	30	12,456	0.5
Professional and related occupations	247	56,835	0.8
Architecture and engineering occupations	38	5,704	1.3
Life, physical, and social science occupations	23	2,502	1.8
Community and social service occupations	23	4,396	0.9
Education, training, and library occupations	37	14,134	0.5
Arts, design, entertainment, sports, and media occupations	52	4,795	2.0
Athletes, coaches, umpires, and related workers	23	389	10.3
Healthcare practitioners and technical occupations	55	14,386	0.7
Service occupations	692	41,008	3.2
Healthcare support occupations	23	5,676	0.8
Protective service occupations	282	6,384	8.2
Firefighters	28	802	2.5
Police and sheriff's patrol officers	130	1,386	18.6
Security guards and gaming surveillance officers	64	1,766	7.2
Food preparation and serving related occupations	47	11,869	0.8
Building and grounds cleaning and maintenance occupations	269	9,118	5.7
First-line supervisors of landscaping, lawn service, and groundskeeping workers	28	525	10.7
Janitors and building cleaners	43	3,665	2.3
Grounds maintenance workers	183	2,081	16.9
Personal care and service occupations	71	7,959	1.6

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, 2011- continued

Characteristic	Total fatal injuries	Total hours worked ¹ (millions)	Fatal injury rate ²
Sales and office occupations	331	58,945	1.1
Sales and related occupations	240	27,645	1.7
First-line supervisors/managers of retail sales workers	104	6,663	3.1
First-line supervisors/managers of non-retail sales workers	23	2,349	2.0
Cashiers	34	4,473	1.5
Retail salespersons	26	5,204	1.0
Office and administrative support occupations	91	31,313	0.6
Natural resources, construction, and maintenance occupations	1,413	25,053	11.1
Farming, fishing, and forestry occupations	261	1,955	25.3
Miscellaneous agricultural workers	133	1,399	17.2
Fishers and related fishing workers	42	66	127.3
Logging workers	65	125	104.0
Construction and extraction occupations	798	13,284	11.9
First-line supervisors/managers of construction trades and extraction workers	106	1,450	14.5
Carpenters	44	2,173	4.0
Construction laborers	191	2,410	15.7
Operating engineers and other construction equipment operators	47	745	12.1
Electricians	62	1,502	8.1
Painters, construction and maintenance	34	851	8.0
Pipelayers, plumbers, pipefitters, and steamfitters	27	1,035	5.2
Roofers	60	346	34.1
Structural iron and steel workers	18	119	30.3
Helpers, construction trades	15	112	26.8
Other extraction workers	31	81	76.5
Installation, maintenance, and repair occupations	354	9,774	7.1
First-line supervisors/managers of mechanics, installers, and repairers	18	675	5.3
Automotive service technicians and mechanics	34	1,730	3.9
Bus and truck mechanics and diesel engine specialists	19	643	5.9
Heating, air conditioning, and refrigeration mechanics and installers	18	655	5.5
Industrial machinery installation, repair, and maintenance workers	53	1,091	9.7
Electrical power-line installers and repairers	26	266	19.5
Maintenance and repairs workers, general	65	812	15.8
Production, transportation, and material moving occupations	1,455	31,687	9.1
Production occupations	222	15,990	2.8
First-line supervisors/managers of production and operating workers	35	1,550	4.5
Welding, soldering, and brazing workers	45	1,056	8.5
Transportation and material moving occupations	1,233	15,740	15.5
Aircraft pilots and flight engineers	71	228	56.1
Driver/sales workers and truck drivers	774	6,316	24.5
Taxi drivers and chauffeurs	64	640	19.7
Industrial truck and tractor operators	34	1,042	6.5
Laborers and freight, stock, and material movers, hand	94	3,065	6.1
Refuse and recyclable material collectors	30	165	36.4

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, 2011 - continued

Characteristic	Total fatal injuries	Total hours worked ¹ (millions)	Fatal injury rate ²
Private industry	4,188	221,142	3.7
Goods producing	1,786	51,481	6.8
Natural resources and mining	721	6,355	22.1
Agriculture, forestry, fishing, and hunting	566	4,410	24.9
Crop production	245	1,843	25.6
Animal production	148	1,921	14.8
Logging	76	197	77.2
Fishing, hunting, and trapping	43	85	101.2
Support activities for agriculture and forestry	45	350	24.6
Mining, quarrying, and oil and gas extraction	155	1,945	15.9
Mining (except oil and gas)	37	488	15.2
Coal mining	17	260	13.1
Nonmetallic mineral mining and quarrying	15	141	21.3
Support activities for mining	105	1,274	16.5
Construction	738	16,048	9.1
Manufacturing	327	29,079	2.2
Food manufacturing	51	3,327	3.1
Animal slaughtering and processing	18	1,000	3.6
Wood product manufacturing	25	754	6.6
Chemical manufacturing	25	2,616	1.9
Nonmetallic mineral product manufacturing	31	794	7.8
Cement, concrete, lime, and gypsum product manufacturing	25	285	17.5
Primary metal manufacturing	24	1,077	4.5
Fabricated metal product manufacturing	39	2,325	3.4
Machinery manufacturing	23	2,371	1.9
Transportation equipment manufacturing	30	4,129	1.5
Service providing	2,402	169,406	2.8
Trade, transportation, and utilities	1,246	46,912	5.3
Wholesale trade	190	7,700	4.9
Merchant wholesalers, durable goods	109	3,584	6.0
Machinery, equipment, and supplies merchant wholesalers	21	755	5.6
Recyclable material merchant wholesalers	34	232	28.4
Merchant wholesalers, nondurable goods	77	3,852	4.0
Grocery and related product merchant wholesalers	26	1,710	3.0
Retail trade	268	27,602	1.9
Motor vehicle and parts dealers	44	3,835	2.3
Automobile dealers	20	2,493	1.6
Automotive parts, accessories, and tire stores	20	1,069	3.7
Building material and garden equipment and supplies dealers	20	2,574	1.6
Food and beverage stores	86	5,335	3.2
Grocery stores	70	4,652	3.0
Gasoline stations	21	825	5.1
Miscellaneous store retailers	17	1,807	1.8
Nonstore retailers	18	952	3.8
Transportation and warehousing	749	9,764	15.3
Air transportation	29	893	5.8
Rail transportation	22	465	9.5
Truck transportation	485	3,751	25.9
Transit and ground passenger transportation	74	1,034	14.3
Bus service and urban transit	23	573	8.0
Taxi and limousine service	51	461	22.1
Support activities for transportation	82	1,354	12.1
Couriers and messengers	15	1,252	2.4
Warehousing and storage	16	702	4.6
Utilities	39	1,847	4.2

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, 2011 - continued

Characteristic	Total fatal injuries	Total hours worked ¹ (millions)	Fatal injury rate ²
Information	56	5,822	1.9
Publishing industries, except Internet	17	1,143	3.0
Finance, insurance, real estate, and rental and leasing	98	17,804	1.1
Finance and insurance	36	12,873	0.6
Real estate and rental and leasing	62	4,935	2.5
Real estate	42	4,171	2.0
Rental and leasing services	20	758	5.3
Professional and business services	433	29,149	2.9
Professional, scientific, and technical services	74	18,077	0.8
Architectural, engineering and related services	23	2,828	1.6
Management, administrative, and waste services	359	11,038	6.4
Employment services	33	1,496	4.4
Investigation and security services	39	1,492	5.2
Services to buildings and dwellings (except landscaping services)	34	2,221	3.1
Landscaping services	171	2,118	15.6
Waste management and remediation services	67	797	16.8
Educational, health and social services	154	38,114	0.8
Educational services	37	7,156	1.0
Health care and social assistance	117	30,944	0.7
Ambulatory health care services	56	11,711	0.9
Hospitals	16	10,263	0.3
Nursing and residential care facilities	20	4,309	0.9
Social assistance	23	4,658	0.9
Leisure and hospitality	231	20,003	2.2
Arts, entertainment, and recreation	93	4,132	3.9
Performing arts, spectator sports, and related industries	48	1,289	6.5
Amusement, gambling, and recreation industries (except bowling centers)	39	2,543	2.7
Accommodation and food services	138	15,872	1.7
Accommodation	33	2,529	2.6
Traveler accommodation	23	2,354	2.0
Food services and drinking places	105	13,357	1.6
Restaurants and other food services	74	13,010	1.1
Drinking places (alcoholic beverages)	31	344	18.0
Other services (except public administration)	183	11,603	3.0
Repair and maintenance	102	3,815	5.3
Automotive repair and maintenance (except car washes)	61	2,250	5.4
Personal and laundry services	46	3,656	2.5
Religious, grantmaking, civic, professional, and similar organizations	30	3,158	1.5
Government	505	37,255	2.2
Federal government	98	6,871	1.2
State government	108	11,332	1.9
Local government	297	19,079	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), 2011

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)

³ Persons identified as Hispanic or Latino may be of any race. The race categories shown exclude data for Hispanics and Latinos.

NOTE: Selected rate categories had 15 or more reported fatal work injuries in 2011 and 40 million or more work hours (20,000 full-time equivalent employees). Rates produced in prior years may not appear if they do not meet this threshold in 2011. 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 fatal injuries column represents total published fatal injuries 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, 2013