

Fatal occupational injuries, total hours worked, and rates of fatal occupational injuries by selected worker characteristics, occupations, and industries, civilian workers, 2007

Characteristic	Total Fatalities	Total hours worked ¹ (millions)	Fatality Rate ²
Total	5,657	275,043	4.0
Employee Status:			
Wage and salary workers	4,613	255,682	3.5
Self-employed	1,044	18,810	11.0
Gender:			
Men	5,228	158,049	6.4
Women	429	116,468	0.7
Age Category:			
16 to 17 years	20	2,001	1.9
18 to 19 years	97	4,897	3.5
20 to 24 years	424	24,137	3.4
25 to 34 years	991	61,451	3.1
35 to 44 years	1,168	67,703	3.4
45 to 54 years	1,425	68,373	4.1
55 to 64 years	934	37,824	4.9
65 years and over	574	8,370	13.5
Race:			
White	3,867	189,819	3.9
Black or African American	609	29,035	4.2
Hispanic	937	38,373	4.8
Occupation:			
Civilian Occupations			
Management, professional, and related occupations			
Management, business, and financial operations occupations	810	101,299	1.6
Management occupations	556	45,392	2.4
Management occupations	525	33,295	3.2
Farm, ranch, and other agricultural managers	8	482	3.3
Farmers and ranchers	293	1,630	36.0
Construction managers	69	2,537	5.4
Food service managers	18	2,253	1.6
Business and financial operations occupations	31	12,073	0.5
Professional and related occupations	254	55,852	0.9
Architecture and engineering occupations	51	6,039	1.7
Education, training, and library occupations	22	13,951	0.3
Arts, design, entertainment, sports, and media occupations	52	4,977	2.0
Healthcare practitioner and technical occupations	66	13,546	0.9
Service occupations			
Protective service occupations	739	40,966	3.4
Fire fighters (exc. Supervisors)	346	6,296	10.0
Police and sheriff's patrol officers	50	771	7.0
Security guards and gaming surveillance officers	146	1,431	19.8
Security guards and gaming surveillance officers	84	1,702	9.9
Food preparation and serving related occupations	61	12,011	1.0
Building and grounds cleaning and maintenance occupations	255	9,402	5.4
Janitors and building cleaners	45	3,553	2.5

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, 2007

Characteristic	Total Fatalities	Total hours worked ¹ (millions)	Fatality Rate ²
Grounds maintenance workers	160	2,366	13.5
Personal care and service occupations	63	7,861	1.6
Sales and office occupations	461	65,453	1.4
Sales and related occupations	327	30,786	2.1
First-line supervisors/managers of retail sales workers	134	7,283	3.7
First-line supervisors/managers of non-retail sales workers	22	2,888	1.5
Cashiers	44	4,423	2.0
Retail salespersons	46	5,787	1.6
Office and administrative support occupations	134	34,711	0.8
Natural resources, construction, and maintenance occupations	1,810	31,079	11.5
Farming, fishing, and forestry occupations	258	1,889	25.7
Miscellaneous agricultural workers	124	1,335	16.3
Fishers and related fishing workers	38	69	109.5
Logging workers	76	171	89.1
Construction and extraction occupations	1,172	18,393	12.6
Carpenters	109	3,436	6.3
Construction laborers	345	3,270	20.8
Operating engineers and other construction equipment operators	45	851	10.6
Electricians	95	1,849	10.1
Painters, construction and maintenance	42	1,268	6.6
Pipelayers, plumbers, pipefitters, and steamfitters	50	1,423	7.0
Roofers	79	473	33.4
Structural iron and steel workers	40	167	47.8
Helpers, construction trades	18	204	15.7
Installation, maintenance, and repair occupations	380	10,740	7.1
First-line supervisors/managers of mechanics, installers, and repair	24	720	6.7
Automotive service technicians and mechanics	36	1,801	3.9
Heating, air conditioning, and refrigeration mechanics and installer	33	818	8.1
Electrical power-line installers and repairers	30	217	27.6
Production, transportation, and material moving occupations	1,769	35,942	9.8
Production occupations	266	18,782	2.8
First-line supervisors/managers of production and operating workers	30	2,027	3.0
Welding, soldering, and brazing workers	42	1,219	6.9
Transportation and material moving occupations	1,503	17,175	17.3
Aircraft pilots and flight engineers	87	232	70.6
Driver/sales workers and truck drivers	976	7,443	26.1
Taxi drivers and chauffeurs	63	638	19.4
Industrial truck and tractor operators	45	1,149	7.7
Laborers and freight, stock, and material movers, hand	132	3,291	7.9
Refuse and recyclable material collectors	18	150	24.0

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, 2007

Characteristic	Total Fatalities	Total hours worked ¹ (millions)	Fatality Rate ²
Private industry	5,112	236,433	4.3
Goods producing	2,372	61,497	7.7
Natural resources and mining	768	5,939	25.4
Agriculture, forestry, fishing, and hunting	585	4,229	27.0
Crop production	257	1,781	28.1
Animal production	165	1,877	16.9
Logging	89	196	90.8
Fishing, hunting, and trapping	37	90	82.2
Support activities for agriculture and forestry	28	267	21.0
Mining	183	1,710	21.4
Oil and gas extraction	15	225	13.3
Coal mining	28	225	24.8
Support activities for mining	113	918	24.6
Utilities	34	1,194	5.7
Construction	1,204	22,187	10.8
Manufacturing	400	33,371	2.4
Food manufacturing	51	3,235	3.2
Animal food, grain and oilseed milling	5	300	3.3
Animal slaughtering and processing	14	979	2.9
Chemical manufacturing	24	2,573	1.9
Plastics and rubber products manufacturing	20	1,483	2.7
Nonmetallic mineral product manufacturing	39	1,145	6.8
Cement, concrete, lime, and gypsum product manufacturing	32	499	12.8
Primary metal manufacturing	20	1,118	3.6
Fabricated metal product manufacturing	71	2,841	5.0
Machinery manufacturing	25	2,722	1.8
Transportation equipment manufacturing	33	4,473	1.5
Wood product manufacturing	39	1,028	7.6
Service providing	2,740	174,338	3.1
Trade, transportation, and utilities	1,479	50,529	5.8
Wholesale trade	207	8,993	4.5
Merchant wholesalers, durable goods	104	4,143	5.0
Machinery, equipment, and supplies, merchant wholesalers	30	1,010	5.7
Merchant wholesalers, nondurable goods	93	4,027	4.5
Groceries and related products, merchant wholesalers	31	1,754	3.4
Retail trade	348	29,571	2.4
Motor vehicle and parts dealers	62	4,214	2.9
Automobile dealers	28	2,921	1.9
Auto parts, accessories, and tire stores	26	940	5.5
Building material and garden supply stores	35	2,072	3.4
Food and beverage stores	90	5,018	3.6
Grocery stores	73	4,392	3.3
Gasoline stations	43	939	9.2
Miscellaneous store retailers	15	1,927	1.6
Nonstore retailers	19	1,164	3.3
Transportation and warehousing	890	10,771	16.5
Air transportation	41	955	8.4
Rail transportation	16	545	5.9
Water transportation	22	142	31.0
Truck transportation	583	4,481	26.0
Transit and ground passenger transportation	77	1,105	13.9
Bus service and urban transit	27	623	8.7
Taxi and limousine service	50	482	20.7

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, 2007

Characteristic	Total Fatalities	Total hours worked ¹ (millions)	Fatality Rate ²
Services incidental to transportation	73	1,255	11.6
Warehousing and storage	30	816	7.4
Information	79	6,642	2.3
Publishing industries, except Internet	43	1,649	5.0
Newspaper publishers	39	737	10.0
Finance, insurance, real Estate, and rental and leasing	119	19,856	1.2
Finance and Insurance	46	14,078	0.7
Real estate and rental and leasing	73	5,758	2.5
Real estate	50	4,804	2.1
Professional, scientific, management, administrative	476	29,271	3.3
Professional, scientific, and technical services	77	17,705	0.9
Administrative and support and waste management services	395	11,547	6.8
Employment services	57	1,863	6.1
Investigation and security services	49	1,498	6.5
Services to buildings and dwellings (except cleaning during construction and immediately after construction)	38	2,242	3.4
Landscaping services	157	2,344	13.4
Waste management and remediation services	73	728	20.1
Educational, health and social services	149	35,545	0.8
Educational services	34	6,344	1.0
Health care and social assistance	115	29,208	0.8
Ambulatory health care services	48	10,898	0.9
Hospitals	29	9,608	0.6
Nursing and residential care facilities	18	4,084	0.9
Social assistance	20	4,577	0.7
Arts, entertainment, recreation, accommodation, and food services	260	20,121	2.5
Arts, entertainment, and recreation	96	4,099	4.5
Independent artists, performing arts, spectator sports, and related industries	47	1,267	6.9
Other amusement, gambling, and recreation industries	45	2,523	3.6
Accommodation and food services	164	16,000	2.0
Accommodation	34	2,727	2.5
Traveler accommodation	29	2,572	2.3
Food services and drinking places	130	13,294	1.9
Restaurants and other food services	103	12,826	1.6
Drinking places, alcoholic beverages	27	458	11.8
Other services (except public administration)	175	12,374	2.7
Automotive repair and maintenance	55	2,554	4.3
Personal and laundry services	42	3,749	2.2
Membership associations and organizations	39	3,328	1.9
Government	545	38,319	2.3
Federal	111	6,577	1.5
State	110	11,574	1.9
Local	321	20,143	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), 2007

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.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries, 2009