

Number, percent, and rate of fatal occupational injuries by selected worker characteristics, industry, and occupation, 1996. The rates are experimental measures using CPS employment.

Characteristic	Fatalities		Employed ¹ (thousands)	Fatalities per 100,000 workers ²	Relative standard error ³ (percent)
	Number	Percent			
Total.....	6,112	100	127,997	4.8	.2
Employee status					
Wage and salary workers.....	4,905	80	117,329	4.2	.2
Self-employed.....	1,207	20	10,668	11.1	1.1
Gender					
Men.....	5,605	92	69,329	8.1	.3
Women.....	507	8	58,668	0.9	.4
Age					
Under 16 years.....	27	--	--	--	--
16 to 17 years.....	43	1	2,648	1.6	2.2
18 to 19 years.....	124	2	3,941	3.1	1.8
20 to 24 years.....	440	7	12,532	3.5	1.0
25 to 34 years.....	1,336	22	32,579	4.1	.6
35 to 44 years.....	1,563	26	35,319	4.4	.5
45 to 54 years.....	1,226	20	25,550	4.8	.6
55 to 64 years.....	847	14	11,741	7.2	1.0
65 years and over.....	492	8	3,690	13.3	1.8
Not reported.....	14	--	--	--	--
Race					
White.....	5,047	83	108,805	4.6	.2
Black.....	617	10	13,789	4.5	.9
American Indian, Eskimo, and Aleut.....	35	1	--	--	--
Asian and Pacific Islander.....	163	3	--	--	--
Other.....	91	1	--	--	--
Not reported.....	159	3	--	--	--
Hispanic origin					
Hispanic.....	626	10	11,725	5.3	1.0
Industry					
Private industry.....					
Agriculture, forestry, and fishing.....	5,521	90	108,472	5.1	.2
Agricultural production, crops.....	798	13	3,505	22.2	1.9
Agricultural production, livestock.....	335	5	1,025	31.3	3.5
Agricultural services.....	154	3	1,214	12.2	3.2
Fishing, hunting and trapping.....	171	3	1,189	14.3	3.2
Mining.....	73	1	53	137.7	15.4
Coal mining.....	152	2	567	26.8	4.7
Oil and gas extraction.....	39	1	98	39.8	11.3
Construction.....	82	1	302	27.2	6.5
Manufacturing.....	1,039	17	7,464	13.9	1.3
Food and kindred products.....	715	12	20,434	3.5	.7
Lumber and wood products.....	70	1	1,706	4.1	2.7
Transportation and public utilities.....	203	3	794	25.6	4.0
Local and interurban passenger transit.....	947	15	7,248	13.1	1.3
Trucking and warehousing.....	78	1	503	15.5	5.0
Transportation by air.....	511	8	2,451	20.8	2.3
Electric, gas, and sanitary services.....	113	2	778	14.5	4.0
Wholesale trade.....	88	1	1,066	8.3	3.4
Retail trade.....	267	4	4,942	5.4	1.6
Food stores.....	672	11	21,443	3.1	.7
Automotive dealers and service stations.....	173	3	3,507	4.9	1.9
Eating and drinking places.....	98	2	2,165	4.5	2.4
Finance, insurance, and real estate.....	166	3	6,483	2.6	1.4
Services.....	114	2	7,862	1.5	1.2
Business services.....	767	13	35,008	2.2	.5
Auto repair, services, and parking.....	168	3	5,680	3.0	1.5
Not reported.....	103	2	1,618	6.4	2.8
Government.....	50	1	--	--	--
Federal.....	591	10	19,525	3.0	.8
State.....	178	3	4,583	3.9	1.6
Local.....	127	2	5,150	2.5	1.5
Local.....	284	5	9,791	2.9	1.1

See footnotes at end of table.

Number, percent, and rate of fatal occupational injuries by selected worker characteristics, industry, and occupation, 1996. The rates are experimental measures using CPS employment. - Continued

Characteristic	Fatalities		Employed ¹ (thousands)	Fatalities per 100,000 workers ²	Relative standard error ³ (percent)
	Number	Percent			
Occupation					
Managerial and professional specialty occupations.....	711	12	36,497	1.9	.5
Executive, administrative, and managerial occupations.....	437	7	17,746	2.5	.8
Managers, food serving and lodging establishments.....	75	1	1,383	5.4	3.0
Professional specialty.....	274	4	18,752	1.5	.8
Technical, sales, and administrative support occupations.....	761	12	37,683	2.0	.5
Technicians and related support occupations.....	163	3	3,926	4.2	1.8
Airplane pilots and navigators.....	100	2	114	87.7	10.5
Sales occupations.....	503	8	15,404	3.3	.9
Supervisors and proprietors, sales occupations.....	225	4	4,501	5.0	1.7
Cashiers.....	94	2	2,856	3.3	2.1
Administrative support occupations, including clerical.....	95	2	18,353	0.5	.8
Messengers.....	8	--	175	4.6	8.5
Service occupations.....	492	8	17,177	2.9	.8
Protective service occupations.....	248	4	2,187	11.3	2.4
Fire fighting and fire prevention occupations ⁴	37	1	270	13.7	6.8
Police and detectives ⁴	114	2	1,057	10.8	3.4
Guards ⁴	97	2	859	11.3	3.8
Farming, forestry, and fishing occupations.....	883	14	3,566	24.2	1.9
Farm occupations.....	569	9	2,212	24.8	2.4
Groundskeepers and gardeners, except farm.....	90	1	875	10.3	3.8
Forestry and logging occupations.....	134	2	108	124.1	10.8
Timber cutting and logging occupations.....	118	2	75	157.3	13.0
Fishers, hunters, and trappers.....	72	1	49	146.9	16.0
Fishers ⁵	72	1	47	153.2	16.4
Precision production, craft, and repair occupations.....	1,072	18	13,587	7.9	.9
Mechanics and repairers.....	282	5	4,521	6.2	1.6
Automobile mechanics and apprentices.....	35	1	889	3.9	3.8
Heavy equipment mechanics.....	38	1	156	24.4	9.0
Construction trades.....	592	10	5,108	11.6	1.5
Carpenters and apprentices.....	87	1	1,220	7.1	3.2
Electricians and apprentices.....	98	2	763	12.8	4.1
Electrical power installers and repairers.....	38	1	126	30.2	10.0
Painters, construction and maintenance.....	45	1	504	8.9	5.0
Plumbers, pipefitters, steamfitters, and apprentices.....	32	1	555	5.8	4.8
Roofers.....	61	1	197	31.0	8.0
Structural metal workers.....	52	1	61	85.2	14.4
Extractive occupations.....	87	1	130	66.9	9.8
Drillers, oil wells.....	22	--	22	100.0	23.9
Mining machine operators.....	28	--	39	71.8	18.0
Operators, fabricators, and laborers.....	2,006	33	18,197	11.0	.8
Machine operators, assemblers, and inspectors.....	218	4	7,874	2.8	1.2
Welders and cutters.....	62	1	605	10.2	4.6
Transportation and material moving occupations.....	1,154	19	5,302	21.8	1.5
Motor vehicle operators.....	913	15	4,025	22.7	1.7
Truck drivers.....	785	13	3,019	26.0	2.0
Drivers-sales workers.....	35	1	156	22.4	9.0
Taxicab drivers and chauffeurs.....	65	1	203	32.0	7.9
Water transportation occupations.....	42	1	69	60.9	13.5
Sailors and deckhands.....	33	1	25	132.0	22.5
Material moving equipment operators.....	177	3	1,093	16.2	3.4
Operating engineers.....	38	1	245	15.5	7.2
Excavating and loading machine operators.....	26	--	92	28.3	11.7
Industrial truck and tractor equipment operators.....	46	1	512	9.0	5.0
Handlers, equipment cleaners, helpers, and laborers.....	634	10	5,021	12.6	1.6
Construction laborers.....	291	5	809	35.7	3.9
Garbage collectors.....	21	--	43	48.8	17.1
Laborers, except construction.....	213	3	1,334	15.9	3.1
Military.....	123	2	1,289	9.5	--
Not reported.....	64	1	--	--	--

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), 1996. The resident military figure, derived from resident and civilian population data from the Bureau of the Census, 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) x 100,000, where N = the number of fatal work injuries, and W = the number of employed workers, as described in the previous footnote. There were 27 fatally injured workers under the age of 16 years that were not included in the rate calculations to maintain consistency with the CPS employment.

³ The relative standard errors of the CPS employment estimates can be used to approximate confidence ranges for the fatality rates. For example, a confidence range for the roofers rate can be approximated as

follows: 31.0 x .08 x 1.6 = 4.0, where 31.0 = the rate, .08 = the relative standard error (8.0 percent), and 1.6 = the factor for a 90 percent confidence level. The confidence range for this rate is 27.0 to 35.0 (31.0 plus or minus 4.0).

⁴ Includes supervisors.

⁵ Includes captains and other officers.

NOTE: Selected rate categories had 20 or more reported work injury fatalities in 1996 and 20,000 or more employed workers. Dashes indicate data not available or less than .5 percent. Totals for major categories may include subcategories not shown separately. Figures may not add to totals because of rounding.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Census of Fatal Occupational Injuries, 1996.