

Table 2. Fatal occupational injuries by occupation and event or exposure, 1996

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Total	6,112	41.8	18.7	16.4	11.2	8.6	3.0
Managerial and professional specialty	711	42.6	33.6	7.2	9.3	5.8	1.5
Executive, administrative, and managerial Administrators and officials, public administration	9	66.7	—	—	—	—	—
Administrators, protective services	7	—	57.1	—	—	—	—
Financial managers	10	—	70.0	—	—	—	—
Managers, marketing, advertising, and public relations	9	100.0	—	—	—	—	—
Administrators, education and related fields	5	80.0	—	—	—	—	—
Managers, food serving and lodging establishments	75	6.7	88.0	—	—	—	—
Managers, properties and real estate	21	—	42.9	—	19.0	19.0	—
Managers, service organizations, n.e.c.	10	80.0	—	—	—	—	—
Managers and administrators, n.e.c.	223	36.8	30.0	15.2	11.7	4.9	—
Management related occupations	52	42.3	19.2	13.5	15.4	7.7	—
Accountants and auditors	13	53.8	38.5	—	—	—	—
Professional specialty	274	55.1	24.1	3.3	9.1	6.9	1.5
Engineers, architects, and surveyors	52	67.3	—	—	11.5	11.5	—
Engineers	50	66.0	—	—	12.0	12.0	—
Electrical and electronic	13	61.5	—	—	—	—	—
Mechanical	6	83.3	—	—	—	—	—
Mathematical and computer scientists ...	6	100.0	—	—	—	—	—
Computer systems analysts and scientists	5	100.0	—	—	—	—	—
Natural scientists	17	52.9	23.5	—	—	—	—
Health diagnosing occupations	19	42.1	42.1	—	—	—	—
Physicians	14	42.9	35.7	—	—	—	—
Health assessment and treating occupations	27	66.7	18.5	—	—	—	—
Registered nurses	15	66.7	—	—	—	—	—
Teachers, postsecondary	11	63.6	36.4	—	—	—	—
Teachers, except postsecondary	24	54.2	16.7	—	20.8	—	—
Social, recreation, and religious workers	41	48.8	36.6	—	9.8	—	—
Social workers	19	36.8	52.6	—	—	—	—
Clergy	13	46.2	—	—	—	—	—
Lawyers and judges	16	37.5	56.2	—	—	—	—
Lawyers	16	37.5	56.2	—	—	—	—
Writers, artists, entertainers, and athletes	54	48.1	24.1	7.4	13.0	7.4	—
Photographers	5	80.0	—	—	—	—	—
Artists, performers, and related workers	5	—	—	—	80.0	—	—
Athletes	23	47.8	17.4	—	—	17.4	—
Technical, sales, and administrative support	761	41.8	46.4	3.7	3.2	3.2	1.4
Technicians and related support occupations	163	81.0	—	4.9	—	6.1	3.7
Health technologists and technicians	20	75.0	—	—	—	—	—
Engineering and related technologists and technicians	23	47.8	—	—	—	26.1	—
Electrical and electronic technicians ...	11	36.4	—	—	—	—	—
Technicians, except health, engineering, and science	110	94.5	—	—	—	—	—
Airplane pilots and navigators	100	100.0	—	—	—	—	—
Sales occupations	503	28.0	62.8	2.6	3.4	2.2	—
Supervisors and proprietors, sales occupations	225	22.7	69.3	3.6	2.2	—	—
Sales representatives, finance and business services	51	52.9	37.3	—	—	—	—
Real estate sales occupations	12	33.3	50.0	—	—	—	—

See footnotes at end of table.

Table 2. Fatal occupational injuries by occupation and event or exposure, 1996 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Sales representatives, commodities except retail	35	77.1	-	-	-	-	-
Sales representatives, mining, manufacturing, and wholesale	33	78.8	-	-	-	-	-
Sales workers, retail and personal services	192	18.8	72.4	2.1	3.1	2.6	-
Sales workers, motor vehicles and boats	19	52.6	42.1	-	-	-	-
Sales counter clerks	14	-	92.9	-	-	-	-
Cashiers	94	-	91.5	-	-	-	-
News vendors	10	80.0	-	-	-	-	-
Administrative support occupations, including clerical	95	47.4	35.8	7.4	4.2	-	-
Secretaries, stenographers, and typists	10	40.0	-	-	-	-	-
Secretaries	10	40.0	-	-	-	-	-
Financial records processing occupations	6	-	83.3	-	-	-	-
Bookkeepers, accounting, and auditing clerks	5	-	80.0	-	-	-	-
Mail and message distributing occupations	18	72.2	22.2	-	-	-	-
Mail carriers, postal service	8	75.0	-	-	-	-	-
Messengers	8	75.0	-	-	-	-	-
Material recording, scheduling, and distributing clerks	21	28.6	33.3	28.6	-	-	-
Adjusters and investigators	14	85.7	-	-	-	-	-
Miscellaneous administrative support	17	29.4	58.8	-	-	-	-
General office clerks	11	-	63.6	-	-	-	-
Service occupations	492	34.1	44.3	4.1	7.9	6.1	3.3
Private household occupations	10	-	60.0	-	-	-	-
Private household cleaners and servants	6	-	66.7	-	-	-	-
Protective service occupations	248	36.3	49.2	2.0	3.6	3.2	5.6
Firefighting and fire prevention occupations, including supervisors ...	37	48.6	-	-	-	10.8	32.4
Firefighting occupations	35	51.4	-	-	-	11.4	34.3
Police and detectives, including supervisors	114	42.1	51.8	-	3.5	-	-
Police and detectives, public services	77	40.3	55.8	-	-	-	-
Sheriffs, bailiffs, and other law enforcement officers	29	48.3	41.4	-	-	-	-
Guards, including supervisors	97	24.7	62.9	4.1	4.1	-	-
Crossing guards	5	80.0	-	-	-	-	-
Guards and police, except public service	81	17.3	72.8	-	-	-	-
Service occupations, except protective and household	234	33.3	38.5	6.4	12.4	8.1	-
Food preparation and service occupations	53	-	81.1	-	-	-	-
Bartenders	11	-	100.0	-	-	-	-
Waiters and waitresses	11	-	90.9	-	-	-	-
Cooks	11	-	72.7	-	-	-	-
Food counter, fountain and related occupations	5	-	100.0	-	-	-	-
Health service occupations	28	53.6	32.1	-	-	-	-
Nursing aides, orderlies, and attendants	23	56.5	30.4	-	-	-	-
Cleaning and building service occupations, except household	77	15.6	27.3	10.4	27.3	15.6	-
Janitors and cleaners	63	9.5	30.2	12.7	28.6	15.9	-
Personal service occupations	76	63.2	22.4	5.3	5.3	-	-
Attendants, amusement and recreation facilities	10	-	40.0	-	-	-	-
Public transportation attendants	38	100.0	-	-	-	-	-

See footnotes at end of table.

Table 2. Fatal occupational injuries by occupation and event or exposure, 1996 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Farming, forestry, and fishing	883	41.0	8.2	32.2	8.3	8.7	1.7
Farming operators and managers	376	47.3	8.0	28.2	8.5	6.4	1.6
Farmers, except horticultural	304	48.0	8.2	28.6	7.9	5.9	1.3
Horticultural specialty farmers	9	55.6	—	—	—	—	—
Managers, farms, except horticultural	59	42.4	8.5	30.5	6.8	8.5	—
Other agricultural and related occupations	301	36.5	13.0	24.3	10.6	13.3	2.3
Farm occupations, except managerial	193	42.5	14.5	23.3	5.2	10.9	3.6
Supervisors, farm workers	22	50.0	—	31.8	—	—	—
Farm workers	168	41.7	16.1	22.0	5.4	11.9	3.0
Related agricultural occupations	108	25.9	10.2	25.9	20.4	17.6	—
Supervisors, related agricultural occupations	13	38.5	—	—	—	—	—
Groundskeepers and gardeners, except farm	90	25.6	7.8	27.8	23.3	15.6	—
Forestry and logging occupations	134	14.9	—	76.1	6.0	—	—
Supervisors, forestry, and logging workers	10	—	—	80.0	—	—	—
Timber cutting and logging occupations	118	14.4	—	78.0	4.2	—	—
Fishers, hunters, and trappers	72	75.0	—	—	—	16.7	—
Captains and other officers, fishing vessels	6	83.3	—	—	—	—	—
Fishers	66	74.2	—	—	—	16.7	—
Precision production, craft, and repair	1,072	21.4	6.0	20.4	27.3	18.7	6.0
Mechanics and repairers	282	30.1	9.2	25.2	11.3	15.6	8.2
Supervisors, mechanics and repairers ...	14	—	—	—	—	28.6	—
Mechanics and repairers, except supervisors	268	30.6	9.0	26.1	11.2	14.9	7.8
Vehicle and mobile equipment mechanics, repairers	132	28.8	12.9	32.6	6.8	6.8	12.1
Automobile mechanics and apprentices	35	20.0	25.7	37.1	—	—	—
Bus, truck, and stationary engine mechanics	34	23.5	—	35.3	11.8	11.8	17.6
Aircraft engine mechanics	7	57.1	—	—	—	—	—
Automobile body and related repairers	11	—	54.5	—	—	—	—
Heavy equipment mechanics	38	39.5	—	34.2	—	—	15.8
Industrial machinery repairers	20	—	—	45.0	20.0	20.0	—
Electrical and electronic equipment repairers	31	54.8	—	—	—	32.3	—
Electronic repairers, communications and industrial equipment	14	42.9	—	—	—	42.9	—
Telephone installers and repairers	7	71.4	—	—	—	—	—
Heating, air conditioning, and refrigeration mechanics	21	28.6	—	—	23.8	33.3	—
Miscellaneous mechanics and repairers	59	30.5	6.8	28.8	15.3	15.3	—
Millwrights	12	33.3	—	41.7	—	—	—
Construction trades	592	16.9	3.0	14.4	39.7	22.8	2.9
Supervisors, construction occupations ...	85	43.5	4.7	17.6	23.5	7.1	—
Supervisors, n.e.c.	68	45.6	—	22.1	20.6	5.9	—
Construction trades, except supervisors	507	12.4	2.8	13.8	42.4	25.4	3.2
Brickmasons, stonemasons, and apprentices	12	41.7	—	—	33.3	—	—
Carpenters and apprentices	87	9.2	—	18.4	57.5	10.3	—
Drywall installers	8	—	—	—	75.0	—	—
Electricians and apprentices	98	12.2	—	10.2	18.4	51.0	6.1
Electrical power installers and repairers	38	10.5	—	10.5	15.8	60.5	—
Painters, construction and maintenance	45	8.9	—	—	57.8	20.0	—

See footnotes at end of table.

Table 2. Fatal occupational injuries by occupation and event or exposure, 1996 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Plumbers, pipefitters, steamfitters, and apprentices	32	—	—	28.1	18.8	40.6	—
Paving, surfacing, and tamping equipment operators	4	100.0	—	—	—	—	—
Roofers	61	6.6	—	8.2	67.2	18.0	—
Structural metal workers	52	—	—	9.6	78.8	7.7	—
Drillers, earth	8	—	—	62.5	—	—	—
Extractive occupations	87	26.4	—	43.7	8.0	9.2	12.6
Supervisors, extractive occupations	10	—	—	40.0	—	—	—
Drillers, oil wells	22	22.7	—	27.3	—	22.7	—
Mining machine operators	28	28.6	—	60.7	—	—	—
Precision production occupations	111	18.9	18.0	22.5	17.1	11.7	11.7
Precision metal working occupations	30	—	13.3	33.3	26.7	—	13.3
Machinists	9	—	—	66.7	—	—	—
Sheet metal workers	8	—	—	—	75.0	—	—
Precision food production occupations	8	—	—	62.5	—	—	—
Plant and system operators	20	35.0	—	—	—	30.0	—
Operators, fabricators, and laborers	2,006	52.3	8.7	19.5	8.9	7.1	3.0
Machine operators, assemblers, and inspectors	218	15.1	6.9	39.9	15.1	8.3	12.4
Metal working and plastic working machine operators	18	—	—	77.8	—	—	22.2
Woodworking machine operators	10	—	—	60.0	—	—	—
Sawing machine operators	8	—	—	75.0	—	—	—
Machine operators, assorted materials	96	22.9	8.3	37.5	8.3	7.3	12.5
Fabricators, assemblers, and hand working occupations	73	5.5	—	38.4	27.4	11.0	13.7
Welders and cutters	62	6.5	—	38.7	27.4	8.1	16.1
Assemblers	8	—	—	50.0	—	—	—
Transportation and material moving occupations	1,154	70.4	8.7	11.9	3.9	3.9	1.3
Motor vehicle operators	913	74.0	10.4	7.9	4.1	2.8	0.8
Truck drivers	785	78.5	4.3	8.8	4.3	3.2	0.9
Driver-sales workers	35	65.7	22.9	—	—	—	—
Bus drivers	10	70.0	—	—	—	—	—
Taxicab drivers and chauffeurs	65	27.7	72.3	—	—	—	—
Transportation occupations, except motor vehicles	64	82.8	—	6.2	—	7.8	—
Rail transportation occupations	22	86.4	—	—	—	—	—
Locomotive operating occupations	11	90.9	—	—	—	—	—
Railroad brake, signal, and switch operators	7	85.7	—	—	—	—	—
Water transportation occupations	42	81.0	—	—	—	9.5	—
Ship captains and mates, except fishing boats	7	85.7	—	—	—	—	—
Sailors and deckhands	33	81.8	—	—	—	12.1	—
Material moving equipment operators	177	46.9	2.8	34.5	3.4	7.9	4.5
Operating engineers	38	55.3	—	23.7	—	10.5	—
Hoist and winch operators	12	—	—	50.0	—	—	—
Crane and tower operators	14	—	—	64.3	—	—	—
Excavating and loading machine operators	26	38.5	—	38.5	—	23.1	—
Grader, dozer, and scraper operators	18	77.8	—	—	—	—	—
Industrial truck and tractor equipment operators	46	54.3	—	37.0	—	—	—
Handlers, equipment cleaners, helpers, and laborers	634	32.3	9.3	26.5	15.9	12.6	3.0
Helpers, construction and extractive occupations	14	—	—	—	28.6	42.9	—
Helpers, construction trades	12	—	—	—	33.3	41.7	—
Construction laborers	291	30.6	2.4	29.6	22.3	13.4	1.4
Freight, stock, and material handlers	70	45.7	21.4	14.3	—	7.1	5.7
Garbage collectors	21	81.0	—	—	—	—	—

See footnotes at end of table.

Table 2. Fatal occupational injuries by occupation and event or exposure, 1996 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Stevedores	6	66.7	—	—	—	—	—
Stock handlers and baggers	22	—	59.1	—	—	—	—
Garage and service station related occupations	17	23.5	47.1	—	—	—	—
Vehicle washers and equipment cleaners	12	58.3	—	—	—	—	—
Hand packers and packagers	5	—	—	80.0	—	—	—
Laborers, except construction	213	30.0	12.2	29.6	13.1	11.3	3.8

¹ Based on the 1990 Occupational Classification System developed by the Bureau of the Census.

² Based on the 1992 BLS Occupational Injury and Illness Classification Structures. Includes other events and exposures, such as bodily reaction, in addition to those shown separately.

³ Includes highway, nonhighway, air, water, and rail fatalities.

⁴ Includes violence by persons, self-inflicted injury, and assaults by animals.

NOTE: Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding.

Dashes indicate no data reported or data that do not meet publication criteria.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries, 1996.