

Table 3. Fatal occupational injuries by occupation and event or exposure, 1994

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)					
		Transportation incidents	Assaults and violent acts	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Total	6,588	41.6	19.9	15.4	10.0	9.7	3.1
Managerial and professional specialty	768	51.3	27.6	5.1	8.5	5.3	2.0
Executive, administrative, and managerial	486	45.7	31.3	5.1	9.7	5.8	2.3
Administrators and officials, public administration	11	54.5	—	—	—	—	—
Financial managers	14	64.3	28.6	—	—	—	—
Managers, marketing, advertising, and public relations	29	86.2	—	—	—	—	—
Administrators, education and related fields	6	83.3	—	—	—	—	—
Managers, food serving and lodging establishments	74	12.2	75.7	—	5.4	5.4	—
Managers, properties and real estate	20	—	55.0	—	20.0	—	—
Managers, service organizations, n.e.c.	9	66.7	—	—	—	—	—
Managers and administrators, n.e.c.	251	45.4	24.7	7.6	11.6	6.8	3.6
Management related occupations	57	64.9	17.5	—	7.0	—	—
Accountants and auditors	13	76.9	—	—	—	—	—
Other financial officers	5	80.0	—	—	—	—	—
Management analysts	7	85.7	—	—	—	—	—
Inspectors and compliance officers, except construction	10	80.0	—	—	—	—	—
Professional specialty	282	61.0	21.3	5.0	6.4	4.6	1.4
Engineers, architects, and surveyors	70	70.0	10.0	7.1	7.1	—	—
Engineers	64	67.2	10.9	7.8	7.8	—	—
Civil engineers	6	83.3	—	—	—	—	—
Electrical and electronic	15	60.0	—	—	—	—	—
Industrial	10	70.0	—	—	—	—	—
Surveyors and mapping scientists	4	100.0	—	—	—	—	—
Mathematical and computer scientists	15	93.3	—	—	—	—	—
Computer systems analysts and scientists	11	100.0	—	—	—	—	—
Natural scientists	17	76.5	—	—	—	—	—
Biological and life scientists	6	83.3	—	—	—	—	—
Health diagnosing occupations	15	33.3	60.0	—	—	—	—
Physicians	10	40.0	50.0	—	—	—	—
Dentists	4	—	100.0	—	—	—	—
Health assessment and treating occupations	28	64.3	14.3	—	—	—	—
Registered nurses	23	65.2	—	—	—	—	—
Teachers, postsecondary	9	66.7	—	—	—	—	—
Teachers, except postsecondary	17	52.9	29.4	—	—	—	—
Social, recreation, and religious workers	32	53.1	28.1	—	—	—	—
Social workers	10	50.0	40.0	—	—	—	—
Clergy	16	50.0	25.0	—	—	—	—
Lawyers and judges	18	50.0	33.3	—	—	—	—
Lawyers	16	56.2	31.2	—	—	—	—
Writers, artists, entertainers, and athletes	55	50.9	23.6	9.1	—	7.3	—
Artists, performers, and related workers	11	45.5	—	—	—	—	—
Athletes	19	42.1	21.1	—	—	—	—
Technical, sales, and administrative support	943	42.0	48.0	2.8	3.1	2.5	1.5
Technicians and related support occupations	209	80.9	7.2	—	3.8	2.9	3.8
Health technologists and technicians	19	63.2	—	—	—	—	—
Engineering and related technologists and technicians	26	53.8	23.1	—	—	—	—
Electrical and electronic technicians	14	28.6	42.9	—	—	—	—
Technicians, except health, engineering, and science ..	150	91.3	3.3	—	—	—	—
Airplane pilots and navigators	131	100.0	—	—	—	—	—
Sales occupations	588	26.2	66.8	2.0	2.0	1.9	1.0
Supervisors and proprietors, sales occupations	249	14.1	75.9	3.6	2.8	1.6	2.0
Sales representatives, finance and business services ..	40	72.5	22.5	—	—	—	—
Real estate sales occupations	7	57.1	—	—	—	—	—
Securities and financial services sales occupations ..	4	100.0	—	—	—	—	—
Sales representatives, commodities except retail	45	86.7	8.9	—	—	—	—
Sales representatives, mining, manufacturing, and wholesale	44	86.4	9.1	—	—	—	—
Sales workers, retail and personal services	252	20.2	75.4	—	1.6	1.6	—
Sales workers, motor vehicles and boats	17	35.3	64.7	—	—	—	—
Sales counter clerks	27	—	88.9	—	—	—	—
Cashiers	110	—	97.3	—	—	—	—
Street and door-to-door sales workers	13	30.8	61.5	—	—	—	—
News vendors	23	82.6	17.4	—	—	—	—
Administrative support occupations, including clerical	146	50.0	30.8	7.5	6.2	4.8	—
Supervisors, administrative support occupations	5	80.0	—	—	—	—	—
Secretaries, stenographers, and typists	13	30.8	38.5	—	—	—	—
Secretaries	12	—	41.7	—	—	—	—
Information clerks	19	26.3	68.4	—	—	—	—
Financial records processing occupations	15	33.3	46.7	—	—	—	—
Bookkeepers, accounting, and auditing clerks	11	36.4	45.5	—	—	—	—
Mail and message distributing occupations	37	75.7	13.5	—	—	—	—
Mail carriers, postal service	7	85.7	—	—	—	—	—
Messengers	25	84.0	16.0	—	—	—	—
Material recording, scheduling, and distributing clerks ..	28	39.3	28.6	25.0	—	—	—

See footnotes at end of table.

Table 3. Fatal occupational injuries by occupation and event or exposure, 1994 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)					
		Transportation incidents	Assaults and violent acts	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Dispatchers	6	—	66.7	—	—	—	—
Traffic, shipping, and receiving clerks	7	—	—	57.1	—	—	—
Adjusters and investigators	5	100.0	—	—	—	—	—
Miscellaneous administrative support	20	50.0	35.0	—	—	—	—
General office clerks	8	—	50.0	—	—	—	—
Service occupations	601	27.8	46.1	3.3	8.2	7.0	6.7
Private household occupations	10	—	40.0	—	—	—	—
Protective service occupations	332	31.0	49.4	1.8	2.7	3.0	10.5
Firefighting and fire prevention occupations, including supervisors	56	16.1	—	—	—	—	60.7
Firefighting occupations	50	14.0	—	—	—	—	66.0
Police and detectives, including supervisors	149	44.3	53.0	—	—	—	—
Police and detectives, public services	102	46.1	52.0	—	—	—	—
Sheriffs, bailiffs, and other law enforcement officers	28	50.0	50.0	—	—	—	—
Guards	127	22.0	64.6	3.1	4.7	4.7	—
Crossing guards	7	71.4	—	—	—	—	—
Guards and police, except public service	113	20.4	69.9	—	3.5	—	—
Service occupations, except protective and household	259	23.9	42.1	5.4	15.1	11.2	1.9
Food preparation and service occupations	81	8.6	72.8	—	7.4	—	—
Supervisors, food preparation and service occupations	8	—	87.5	—	—	—	—
Bartenders	19	—	89.5	—	—	—	—
Waiters and waitresses	16	—	81.2	—	—	—	—
Cooks	18	—	50.0	—	22.2	—	—
Food counter, fountain and related occupations	7	—	85.7	—	—	—	—
Miscellaneous food preparation occupations	9	—	44.4	—	—	—	—
Health service occupations	27	59.3	25.9	—	—	—	—
Nursing aides, orderlies, and attendants	21	57.1	23.8	—	—	—	—
Cleaning and building service occupations, except household	94	19.1	22.3	7.4	27.7	22.3	—
Supervisors, cleaning and building services workers	8	62.5	—	—	—	—	—
Janitors and cleaners	79	13.9	22.8	8.9	30.4	22.8	—
Personal service occupations	57	36.8	38.6	7.0	8.8	7.0	—
Attendants, amusement and recreation facilities	17	23.5	23.5	—	—	—	—
Farming, forestry, and fishing	944	46.7	6.1	28.6	6.7	10.5	1.1
Farming operators and managers	382	55.2	6.5	23.8	7.3	5.8	—
Farmers, except horticultural	264	59.5	4.2	20.8	8.3	5.7	—
Horticultural specialty farmers	12	50.0	—	—	—	—	—
Managers, farms, except horticultural	102	46.1	12.7	31.4	3.9	5.9	—
Other agricultural and related occupations	360	47.8	7.5	19.2	9.4	14.7	1.1
Farm occupations, except managerial	263	54.0	7.6	19.8	4.6	12.5	—
Farm workers	252	54.8	6.7	20.6	4.8	11.5	—
Related agricultural occupations	97	30.9	7.2	17.5	22.7	20.6	—
Supervisors, related agricultural occupations	10	—	—	—	—	40.0	—
Groundskeepers and gardeners, except farm	78	30.8	—	19.2	25.6	19.2	—
Forestry and logging occupations	137	13.9	—	78.8	—	3.6	—
Supervisors, forestry, and logging workers	19	—	—	84.2	—	—	—
Timber cutting and logging occupations	112	14.3	—	81.2	—	—	—
Fishers, hunters, and trappers	65	60.0	6.2	—	—	29.2	—
Fishers	55	56.4	7.3	—	—	30.9	—
Precision production, craft, and repair	1,090	19.9	6.1	21.6	25.6	21.6	4.9
Mechanics and repairers	294	24.8	8.8	32.7	9.9	16.3	7.1
Vehicle and mobile equipment mechanics, repairers, and supervisors	160	24.4	11.9	36.9	8.1	10.0	8.8
Automobile mechanics and apprentices	49	16.3	18.4	44.9	—	10.2	8.2
Bus, truck, and stationary engine mechanics	17	41.2	—	47.1	—	—	—
Aircraft engine mechanics	6	66.7	—	—	—	—	—
Automobile body and related repairers	11	—	72.7	—	—	—	—
Heavy equipment mechanics	24	25.0	—	50.0	20.8	—	—
Industrial machinery repairers	16	25.0	—	25.0	—	25.0	—
Machinery maintenance occupations	11	—	—	—	—	—	36.4
Electrical and electronic equipment repairers	37	32.4	—	16.2	16.2	27.0	—
Electronic repairers, communications and industrial equipment	18	—	—	22.2	—	38.9	—
Heating, air conditioning, and refrigeration mechanics	13	—	—	—	—	38.5	—
Miscellaneous mechanics and repairers	84	22.6	7.1	34.5	10.7	20.2	—
Elevator installers and repairers	7	—	—	—	71.4	—	—
Millwrights	14	—	—	78.6	—	—	—
Construction trades	614	16.9	3.4	12.4	37.5	26.2	3.1
Supervisors, construction occupations	111	32.4	5.4	19.8	23.4	16.2	—
Supervisors, carpenters and related workers	5	—	—	—	80.0	—	—
Supervisors, n.e.c.	87	34.5	5.7	21.8	17.2	17.2	—
Construction trades, except supervisors	503	13.5	3.0	10.7	40.6	28.4	3.2
Brickmasons, stonemasons, and apprentices	12	—	—	—	58.3	—	—

See footnotes at end of table.

Table 3. Fatal occupational injuries by occupation and event or exposure, 1994 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)					
		Transportation incidents	Assaults and violent acts	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
Carpenters and apprentices	87	11.5	4.6	18.4	49.4	16.1	—
Drywall installers	9	—	—	—	55.6	—	—
Electricians and apprentices	99	11.1	4.0	5.1	20.2	56.6	—
Electrical power installers and repairers	35	—	—	—	28.6	68.6	—
Painters, construction and maintenance	46	13.0	—	8.7	45.7	26.1	—
Plumbers, pipefitters, steamfitters, and apprentices ..	39	23.1	—	25.6	15.4	—	17.9
Insulation workers	7	—	—	—	57.1	—	—
Roofers	53	9.4	—	—	71.7	9.4	—
Structural metal workers	48	8.3	—	16.7	62.5	8.3	—
Drillers, earth	7	—	—	—	—	71.4	—
Extractive occupations	76	17.1	—	52.6	—	10.5	11.8
Drillers, oil wells	22	36.4	—	36.4	—	—	—
Mining machine operators	29	—	—	69.0	—	—	—
Precision production occupations	106	25.5	15.1	21.7	16.0	17.0	3.8
Precision metal working occupations	34	—	—	32.4	32.4	17.6	—
Machinists	14	—	—	71.4	—	—	—
Sheet metal workers	7	—	—	—	71.4	—	—
Precision inspectors, testers, and related workers	7	57.1	—	—	—	—	—
Plant and system operators	19	21.1	—	—	—	36.8	—
Operators, fabricators, and laborers	2,055	49.6	10.1	19.7	8.1	9.1	3.2
Machine operators, assemblers, and inspectors	256	13.7	6.6	39.5	11.3	16.0	11.7
Metal working and plastic working machine operators ..	18	—	—	61.1	—	—	—
Woodworking machine operators	15	—	—	80.0	—	—	—
Sawing machine operators	10	—	—	80.0	—	—	—
Textile, apparel, and furnishings machine operators	10	—	—	50.0	—	—	—
Machine operators, assorted materials	114	15.8	6.1	40.4	7.9	17.5	11.4
Furnace, kiln, and oven operators except food	8	—	—	—	—	50.0	—
Fabricators, assemblers, and hand working occupations	85	12.9	7.1	27.1	15.3	18.8	16.5
Welders and cutters	67	11.9	—	29.9	14.9	16.4	20.9
Assemblers	11	—	—	—	—	36.4	—
Transportation and material moving occupations	1,169	68.5	11.2	11.5	2.7	4.8	1.3
Motor vehicle operators	925	72.6	13.3	8.0	2.2	3.2	.5
Truck drivers	762	80.7	3.4	9.1	2.4	3.7	.7
Driver-sales workers	29	65.5	27.6	—	—	—	—
Bus drivers	11	72.7	—	—	—	—	—
Taxicab drivers and chauffeurs	113	19.5	77.0	—	—	—	—
Transportation occupations, except motor vehicles	72	66.7	—	9.7	—	19.4	—
Rail transportation occupations	30	80.0	—	—	—	—	—
Railroad conductors and yardmasters	8	75.0	—	—	—	—	—
Locomotive operating occupations	7	85.7	—	—	—	—	—
Railroad brake, signal, and switch operators	11	81.8	—	—	—	—	—
Water transportation occupations	42	57.1	—	11.9	—	28.6	—
Ship captains and mates, except fishing boats	13	30.8	—	—	—	46.2	—
Sailors and deckhands	25	72.0	—	—	—	16.0	—
Material moving equipment operators	172	47.1	3.5	30.8	5.8	7.0	5.8
Operating engineers	41	43.9	—	36.6	—	—	—
Hoist and winch operators	12	—	—	—	41.7	33.3	—
Excavating and loading machine operators	22	45.5	—	45.5	—	—	—
Grader, dozer, and scraper operators	23	56.5	—	17.4	—	—	17.4
Industrial truck and tractor equipment operators	39	66.7	—	23.1	—	—	—
Handlers, equipment cleaners, helpers, and laborers	630	29.0	9.4	27.0	17.0	14.4	3.2
Helpers, construction and extractive occupations	22	45.5	—	—	27.3	—	—
Helpers, construction trades	16	37.5	—	—	37.5	—	—
Helpers, surveyor	4	100.0	—	—	—	—	—
Construction laborers	247	30.0	1.6	22.7	25.9	16.6	3.2
Production helpers	12	—	—	33.3	—	33.3	—
Freight, stock, and material handlers	75	38.7	18.7	24.0	13.3	—	—
Garbage collectors	22	77.3	—	—	—	—	—
Stock handlers and baggers	17	—	58.8	—	29.4	—	—
Garage and service station related occupations	23	—	82.6	—	—	—	—
Vehicle washers and equipment cleaners	14	35.7	—	—	—	—	—
Laborers, except construction	229	24.5	8.3	36.7	10.9	16.2	3.5

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.

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, 1994.