

Table E-7. Fatal occupational injuries by occupation and time of incident, 1994

Occupation ¹	Total fatalities (number)	Time of incident ² (percent)					
		6am-10am	10am-2pm	2pm-6pm	6pm-10pm	10pm-2am	2am-6am
Total	6,588	17.6	26.7	24.2	12.2	8.2	6.6
Managerial and professional specialty	768	16.4	22.5	22.4	21.6	9.2	3.1
Executive, administrative, and managerial	486	13.6	24.1	22.2	21.8	9.9	2.9
Chief executives and general administrators, public administration	5	—	80.0	—	—	—	—
Administrators and officials, public administration	11	27.3	36.4	36.4	—	—	—
Financial managers	14	21.4	—	42.9	35.7	—	—
Managers, marketing, advertising, and public relations	29	—	—	41.4	37.9	—	—
Administrators, education and related fields	6	50.0	—	—	—	—	—
Managers, food serving and lodging establishments	74	9.5	20.3	10.8	13.5	29.7	9.5
Managers, properties and real estate	20	15.0	35.0	20.0	15.0	—	—
Managers, service organizations, n.e.c.	9	—	44.4	33.3	—	—	—
Managers and administrators, n.e.c.	251	11.6	26.7	23.5	21.9	8.0	2.0
Management related occupations	57	24.6	21.1	17.5	26.3	7.0	—
Accountants and auditors	13	38.5	—	—	23.1	—	—
Management analysts	7	—	—	—	71.4	—	—
Inspectors and compliance officers, except construction	10	—	—	30.0	30.0	—	—
Professional specialty	282	21.3	19.9	22.7	21.3	8.2	3.5
Engineers, architects, and surveyors	70	18.6	21.4	21.4	35.7	—	—
Engineers	64	20.3	21.9	17.2	37.5	—	—
Metallurgical and materials	4	—	—	—	75.0	—	—
Chemical	5	60.0	—	—	—	—	—
Civil engineers	6	50.0	—	—	—	—	—
Electrical and electronic	15	20.0	33.3	—	33.3	—	—
Industrial	10	—	—	—	50.0	—	—
Surveyors and mapping scientists	4	—	—	75.0	—	—	—
Mathematical and computer scientists	15	—	—	33.3	40.0	—	—
Computer systems analysts and scientists	11	—	—	45.5	45.5	—	—
Natural scientists	17	29.4	29.4	—	23.5	—	—
Health diagnosing occupations	15	46.7	—	—	20.0	—	—
Physicians	10	40.0	—	—	30.0	—	—
Dentists	4	75.0	—	—	—	—	—
Health assessment and treating occupations	28	28.6	21.4	14.3	17.9	14.3	—
Registered nurses	23	30.4	17.4	—	21.7	17.4	—
Teachers, postsecondary	9	—	—	33.3	—	—	—
Teachers, except postsecondary	17	23.5	52.9	—	—	—	—
Teachers, secondary school	3	100.0	—	—	—	—	—
Social, recreation, and religious workers	32	15.6	18.8	43.8	—	12.5	—
Social workers	10	—	30.0	30.0	—	30.0	—
Clergy	16	18.8	18.8	37.5	—	—	—
Lawyers and judges	18	16.7	22.2	27.8	27.8	—	—
Lawyers	16	—	18.8	31.2	31.2	—	—
Writers, artists, entertainers, and athletes	55	20.0	10.9	21.8	16.4	18.2	7.3
Photographers	6	—	—	66.7	—	—	—
Artists, performers, and related workers	11	—	—	27.3	27.3	—	—
Athletes	19	15.8	21.1	15.8	21.1	15.8	—
Technical, sales, and administrative support	943	13.9	24.6	22.2	16.4	10.1	7.4
Technicians and related support occupations	209	21.5	26.3	23.4	15.3	6.2	2.4
Health technologists and technicians	19	31.6	21.1	21.1	—	—	—
Engineering and related technologists and technicians	26	19.2	30.8	23.1	11.5	11.5	—
Electrical and electronic technicians	14	21.4	28.6	—	—	—	—
Technicians, except health, engineering, and science ..	150	18.7	26.7	25.3	16.0	6.0	3.3
Airplane pilots and navigators	131	17.6	22.9	27.5	17.6	6.9	3.8
Sales occupations	588	11.2	21.6	20.7	18.7	12.4	9.7
Supervisors and proprietors, sales occupations	249	11.2	24.9	20.9	22.1	9.2	8.4
Sales representatives, finance and business services ..	40	12.5	22.5	42.5	7.5	—	—
Real estate sales occupations	7	—	57.1	42.9	—	—	—
Securities and financial services sales occupations ..	4	—	—	75.0	—	—	—
Sales representatives, commodities except retail	45	13.3	37.8	26.7	20.0	—	—
Sales representatives, mining, manufacturing, and wholesale	44	13.6	38.6	25.0	20.5	—	—
Sales workers, retail and personal services	252	10.7	15.5	15.9	17.1	18.3	13.5
Sales workers, motor vehicles and boats	17	—	17.6	17.6	—	—	—
Sales workers, parts	3	100.0	—	—	—	—	—
Sales counter clerks	27	—	14.8	—	37.0	18.5	18.5
Cashiers	110	7.3	10.0	6.4	18.2	29.1	17.3
Street and door-to-door sales workers	13	—	—	61.5	—	—	—
News vendors	23	34.8	13.0	13.0	—	—	39.1
Administrative support occupations, including clerical	146	13.7	34.2	26.0	8.9	6.2	5.5
Secretaries, stenographers, and typists	13	—	53.8	—	—	—	—
Secretaries	12	—	58.3	—	—	—	—
Information clerks	19	—	36.8	21.1	—	—	—
Financial records processing occupations	15	—	20.0	33.3	—	20.0	—
Bookkeepers, accounting, and auditing clerks	11	—	—	36.4	—	—	—
Mail and message distributing occupations	37	—	40.5	32.4	13.5	—	—
Mail carriers, postal service	7	—	57.1	42.9	—	—	—
Messengers	25	—	40.0	36.0	12.0	—	—
Material recording, scheduling, and distributing clerks ..	28	21.4	28.6	21.4	—	—	14.3
Traffic, shipping, and receiving clerks	7	—	42.9	—	—	—	—

See footnotes at end of table.

Table E-7. Fatal occupational injuries by occupation and time of incident, 1994 — Continued

Occupation ¹	Total fatalities (number)	Time of incident ² (percent)					
		6am-10am	10am-2pm	2pm-6pm	6pm-10pm	10pm-2am	2am-6am
Miscellaneous administrative support	20	30.0	30.0	25.0	—	—	—
General office clerks	8	—	—	37.5	—	—	—
Service occupations	601	11.0	18.0	18.5	16.0	17.6	12.6
Private household occupations	10	—	—	30.0	—	—	—
Protective service occupations	332	12.0	14.2	19.6	16.0	19.3	14.5
Firefighting and fire prevention occupations, including supervisors	56	—	12.5	35.7	16.1	19.6	7.1
Firefighting occupations	50	—	10.0	38.0	18.0	22.0	—
Police and detectives, including supervisors	149	10.1	14.8	18.1	18.1	16.8	17.4
Police and detectives, public services	102	4.9	12.7	14.7	21.6	19.6	19.6
Sheriffs, bailiffs, and other law enforcement officers	28	17.9	21.4	14.3	10.7	17.9	17.9
Guards	127	18.9	14.2	14.2	13.4	22.0	14.2
Crossing guards	7	57.1	—	—	—	—	—
Guards and police, except public service	113	16.8	13.3	12.4	14.2	24.8	15.0
Service occupations, except protective and household	259	9.7	22.8	16.6	16.6	15.8	10.8
Food preparation and service occupations	81	6.2	7.4	9.9	21.0	32.1	18.5
Supervisors, food preparation and service occupations	8	—	—	—	—	37.5	—
Bartenders	19	—	—	—	—	47.4	21.1
Waiters and waitresses	16	—	—	25.0	—	18.8	25.0
Cooks	18	—	16.7	—	38.9	22.2	—
Miscellaneous food preparation occupations	9	—	—	—	33.3	—	—
Health service occupations	27	22.2	22.2	11.1	33.3	—	—
Nursing aides, orderlies, and attendants	21	28.6	23.8	—	33.3	—	—
Cleaning and building service occupations, except household	94	9.6	35.1	23.4	4.3	5.3	8.5
Supervisors, cleaning and building services workers	8	—	37.5	37.5	—	—	—
Maids and housemen	4	—	75.0	—	—	—	—
Janitors and cleaners	79	11.4	31.6	24.1	5.1	5.1	8.9
Personal service occupations	57	8.8	24.6	17.5	22.8	14.0	8.8
Attendants, amusement and recreation facilities	17	—	29.4	—	17.6	23.5	—
Public transportation attendants	8	—	—	—	50.0	—	—
Farming, forestry, and fishing	944	17.2	29.7	30.5	12.2	3.0	1.7
Farming operators and managers	382	12.3	27.7	34.6	14.9	2.1	2.1
Farmers, except horticultural	264	10.6	28.0	35.6	15.5	1.5	1.1
Horticultural specialty farmers	12	25.0	33.3	25.0	—	—	—
Managers, farms, except horticultural	102	15.7	26.5	33.3	13.7	2.9	3.9
Other agricultural and related occupations	360	19.4	28.9	30.6	11.9	3.3	1.4
Farm occupations, except managerial	263	16.7	27.8	33.5	13.3	2.3	1.9
Supervisors, farm workers	9	—	33.3	—	—	—	—
Farm workers	252	16.7	27.8	34.5	13.5	2.0	1.2
Related agricultural occupations	97	26.8	32.0	22.7	8.2	6.2	—
Supervisors, related agricultural occupations	10	—	50.0	—	—	—	—
Groundskeepers and gardeners, except farm	78	26.9	30.8	24.4	7.7	7.7	—
Forestry and logging occupations	137	19.7	42.3	28.5	4.4	—	—
Supervisors, forestry, and logging workers	19	—	42.1	36.8	—	—	—
Timber cutting and logging occupations	112	22.3	42.9	28.6	2.7	—	—
Fishers, hunters, and trappers	65	27.7	18.5	10.8	13.8	9.2	—
Fishers	55	29.1	16.4	12.7	14.5	7.3	—
Precision production, craft, and repair	1,090	21.1	33.7	26.9	6.8	4.6	2.3
Mechanics and repairers	294	23.1	33.7	24.5	7.1	3.1	3.1
Vehicle and mobile equipment mechanics, repairers, and supervisors	160	24.4	33.1	19.4	10.0	4.4	3.1
Automobile mechanics and apprentices	49	12.2	40.8	10.2	16.3	8.2	—
Bus, truck, and stationary engine mechanics	17	—	41.2	35.3	—	—	—
Aircraft engine mechanics	6	—	50.0	—	—	—	—
Automobile body and related repairers	11	36.4	—	—	—	—	—
Heavy equipment mechanics	24	29.2	33.3	33.3	—	—	—
Industrial machinery repairers	16	37.5	—	18.8	25.0	—	—
Machinery maintenance occupations	11	36.4	27.3	—	—	—	—
Electrical and electronic equipment repairers	37	24.3	40.5	27.0	—	—	—
Electronic repairers, communications and industrial equipment	18	16.7	44.4	33.3	—	—	—
Telephone line installers and repairers	7	—	—	42.9	—	—	—
Miscellaneous electrical and electronic equipment repairers	5	—	60.0	—	—	—	—
Heating, air conditioning, and refrigeration mechanics ..	13	23.1	30.8	38.5	—	—	—
Miscellaneous mechanics and repairers	84	20.2	32.1	31.0	4.8	—	3.6
Elevator installers and repairers	7	—	57.1	—	—	—	—
Millwrights	14	—	42.9	28.6	—	—	—
Construction trades	614	20.0	35.8	30.1	5.5	2.9	1.1
Supervisors, construction occupations	111	20.7	27.9	35.1	7.2	2.7	3.6
Supervisors, painters, paperhangers, and plasterers ..	6	—	—	50.0	—	—	—
Supervisors, n.e.c.	87	21.8	25.3	35.6	6.9	—	4.6
Construction trades, except supervisors	503	19.9	37.6	29.0	5.2	3.0	.6
Brickmasons, stonemasons, and apprentices	12	—	41.7	25.0	—	—	—
Carpenters and apprentices	87	17.2	33.3	34.5	5.7	—	—
Drywall installers	9	33.3	33.3	—	—	—	—
Electricians and apprentices	99	16.2	36.4	34.3	5.1	6.1	—

See footnotes at end of table.

Table E-7. Fatal occupational injuries by occupation and time of incident, 1994 — Continued

Occupation ¹	Total fatalities (number)	Time of incident ² (percent)					
		6am-10am	10am-2pm	2pm-6pm	6pm-10pm	10pm-2am	2am-6am
Electrical power installers and repairers	35	20.0	37.1	20.0	14.3	—	—
Painters, construction and maintenance	40	15.0	57.5	17.5	—	—	—
Plumbers, pipefitters, steamfitters, and apprentices ..	39	25.6	38.5	25.6	—	—	—
Insulation workers	7	—	42.9	—	—	—	—
Roofers	53	18.9	39.6	22.6	7.5	5.7	—
Structural metal workers	48	27.1	39.6	29.2	—	—	—
Drillers, earth	7	—	—	71.4	—	—	—
Extractive occupations	76	26.3	22.4	22.4	10.5	11.8	6.6
Supervisors, extractive occupations	11	36.4	—	—	—	—	—
Drillers, oil wells	22	45.5	22.7	—	18.2	—	—
Mining machine operators	29	17.2	20.7	31.0	—	13.8	10.3
Precision production occupations	106	17.9	29.2	17.9	10.4	13.2	3.8
Precision metal working occupations	34	17.6	38.2	8.8	11.8	11.8	—
Machinists	14	21.4	28.6	—	—	—	—
Sheet metal workers	7	—	100.0	—	—	—	—
Precision inspectors, testers, and related workers	7	—	42.9	—	—	—	—
Plant and system operators	19	—	31.6	36.8	15.8	—	—
Stationary engineers	6	—	50.0	—	—	—	—
Operators, fabricators, and laborers	2,055	20.6	27.3	22.2	8.7	8.7	10.3
Machine operators, assemblers, and inspectors	256	24.2	30.9	25.4	6.6	4.7	5.9
Metal working and plastic working machine operators ..	18	38.9	27.8	—	—	—	—
Woodworking machine operators	15	20.0	46.7	26.7	—	—	—
Sawing machine operators	10	30.0	50.0	—	—	—	—
Textile, apparel, and furnishings machine operators	10	—	40.0	30.0	—	—	—
Machine operators, assorted materials	114	24.6	23.7	25.4	5.3	7.0	9.6
Furnace, kiln, and oven operators except food	8	37.5	—	—	—	—	—
Fabricators, assemblers, and hand working occupations	85	23.5	36.5	23.5	10.6	3.5	—
Welders and cutters	67	23.9	37.3	25.4	10.4	—	—
Assemblers	11	—	36.4	—	—	27.3	—
Transportation and material moving occupations	1,169	19.3	23.6	20.1	9.7	10.6	14.4
Motor vehicle operators	925	18.3	23.2	18.4	9.7	12.0	16.1
Truck drivers	762	19.7	25.3	18.5	8.4	9.6	16.7
Driver-sales workers	29	17.2	20.7	31.0	17.2	—	—
Bus drivers	11	—	—	27.3	—	36.4	—
Taxicab drivers and chauffeurs	113	8.8	9.7	14.2	15.9	28.3	16.8
Transportation occupations, except motor vehicles	72	18.1	18.1	13.9	19.4	6.9	19.4
Rail transportation occupations	30	23.3	10.0	16.7	20.0	—	20.0
Locomotive operating occupations	7	42.9	—	—	—	—	—
Railroad brake, signal, and switch operators	11	—	—	—	36.4	—	—
Water transportation occupations	42	14.3	23.8	11.9	19.0	7.1	19.0
Ship captains and mates, except fishing boats	13	23.1	23.1	—	30.8	—	—
Sailors and deckhands	25	12.0	28.0	12.0	12.0	—	20.0
Material moving equipment operators	172	25.6	27.9	32.0	5.2	4.7	2.9
Operating engineers	41	31.7	31.7	24.4	—	—	—
Hoist and winch operators	12	25.0	41.7	25.0	—	—	—
Crane and tower operators	10	—	—	40.0	—	—	—
Excavating and loading machine operators	22	22.7	22.7	40.9	13.6	—	—
Grader, dozer, and scraper operators	23	26.1	30.4	39.1	—	—	—
Industrial truck and tractor equipment operators	39	17.9	28.2	35.9	—	10.3	—
Handlers, equipment cleaners, helpers, and laborers	630	21.4	32.7	24.9	7.8	6.7	4.6
Helpers, construction and extractive occupations	22	40.9	22.7	22.7	—	—	—
Helpers, construction trades	16	50.0	—	25.0	—	—	—
Construction laborers	247	18.6	37.2	30.8	5.7	3.2	1.6
Production helpers	12	—	50.0	—	—	—	—
Freight, stock, and material handlers	75	22.7	26.7	18.7	10.7	14.7	5.3
Garbage collectors	22	31.8	54.5	—	—	—	—
Stock handlers and baggers	17	—	17.6	—	29.4	23.5	—
Garage and service station related occupations	23	13.0	13.0	—	17.4	26.1	17.4
Vehicle washers and equipment cleaners	14	—	21.4	35.7	—	—	—
Laborers, except construction	229	23.6	32.8	23.1	8.7	6.1	5.2

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

² There were 284 cases for which time of incident was not reported.

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.