

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

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup> (percent)					
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	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
<b>Managerial and professional specialty</b> .....	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	—	—	—	—
<b>Professional specialty</b> .....	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	—
<b>Technical, sales, and administrative support</b> .....	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	—	—	—	—	—
<b>Sales occupations</b> .....	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 <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup> (percent)					
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	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	-	-	-	-
<b>Service occupations</b> .....	<b>492</b>	<b>34.1</b>	<b>44.3</b>	<b>4.1</b>	<b>7.9</b>	<b>6.1</b>	<b>3.3</b>
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 <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup> (percent)					
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	Contact with objects and equipment	Falls	Exposure to harmful substances or environments	Fires and explosions
<b>Farming, forestry, and fishing</b> .....	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	—
<b>Precision production, craft, and repair</b> .....	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**

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		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	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	—
<b>Operators, fabricators, and laborers .....</b>	<b>2,006</b>	<b>52.3</b>	<b>8.7</b>	<b>19.5</b>	<b>8.9</b>	<b>7.1</b>	<b>3.0</b>
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	—	—	—
<b>Handlers, equipment cleaners, helpers, and laborers .....</b>	<b>634</b>	<b>32.3</b>	<b>9.3</b>	<b>26.5</b>	<b>15.9</b>	<b>12.6</b>	<b>3.0</b>
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 <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup> (percent)					
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	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

<sup>1</sup> Based on the 1990 Occupational Classification System developed by the Bureau of the Census.

<sup>2</sup> 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.

<sup>3</sup> Includes highway, nonhighway, air, water, and rail fatalities.

<sup>4</sup> 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.