

**TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2001**

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.....	5,900	42.7	15.3	16.3	13.7	8.5	3.2
<b>Managerial and professional specialty</b>	637	41.4	29.4	7.7	12.1	7.2	1.6
Executive, administrative, and managerial	378	34.7	34.1	8.5	13.0	6.9	2.4
Administrators and officials, public administration	6	66.7	--	--	--	--	--
Administrators, protective services	4	75.0	--	--	--	--	--
Financial managers	8	--	62.5	--	--	--	--
Managers, marketing, advertising, and public relations	10	90.0	--	--	--	--	--
Administrators, education and related fields	9	77.8	--	--	--	--	--
Managers, medicine and health	3	--	--	--	--	--	--
Managers, food serving and lodging establishments	63	12.7	74.6	--	9.5	--	--
Managers, properties and real estate	17	--	58.8	--	17.6	--	--
Funeral directors	4	75.0	--	--	--	--	--
Managers, service organizations, n.e.c.	7	--	42.9	--	--	--	--
Managers and administrators, n.e.c.	213	34.3	24.4	12.2	16.4	8.9	3.8
Management related occupations	31	51.6	19.4	--	12.9	--	--
Accountants and auditors	8	50.0	37.5	--	--	--	--
Other financial officers	3	100.0	--	--	--	--	--
Purchasing agents and buyers, farm products	3	--	--	--	--	--	--
Buyers, wholesale and retail trade except farm products	3	--	--	--	--	--	--
Inspectors and compliance officers, except construction	7	71.4	--	--	--	--	--
Professional specialty	259	51.4	22.4	6.6	10.8	7.7	--
Engineers, architects, and surveyors	42	52.4	14.3	7.1	16.7	9.5	--
Engineers	36	47.2	16.7	8.3	19.4	8.3	--
Civil engineers	7	71.4	--	--	--	--	--
Electrical and electronic engineers	7	57.1	--	--	--	--	--
Industrial engineers	3	--	--	--	--	--	--
Mechanical engineers	7	--	--	--	42.9	--	--
Surveyors and mapping scientists	5	100.0	--	--	--	--	--
Mathematical and computer scientists	5	80.0	--	--	--	--	--
Computer systems analysts and scientists	5	80.0	--	--	--	--	--
Natural scientists	4	--	--	--	--	--	--
Health diagnosing occupations	12	25.0	50.0	--	--	--	--
Physicians	7	--	42.9	--	--	--	--
Veterinarians	3	--	--	--	--	--	--
Health assessment and treating occupations	25	32.0	32.0	--	12.0	20.0	--
Registered nurses	20	15.0	40.0	--	15.0	25.0	--
Teachers, postsecondary	5	--	--	--	--	--	--
Teachers, except postsecondary	45	80.0	11.1	--	6.7	--	--

See footnotes at end of table.

**TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2001 - 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
Teachers, elementary school	5	100.0	--	--	--	--	--
Teachers, secondary school	6	83.3	--	--	--	--	--
Counselors, educational and vocational	5	--	--	--	--	--	--
Social, recreation, and religious workers	36	38.9	33.3	--	13.9	--	--
Social workers	16	37.5	56.3	--	--	--	--
Clergy	14	50.0	--	--	28.6	--	--
Lawyers and judges	4	--	75.0	--	--	--	--
Lawyers	4	--	75.0	--	--	--	--
Writers, artists, entertainers, and athletes	72	54.2	16.7	11.1	9.7	6.9	--
Photographers	6	66.7	--	--	--	--	--
Artists, performers, and related workers	10	40.0	40.0	--	--	--	--
Public relations specialists	4	100.0	--	--	--	--	--
Athletes	27	63.0	--	14.8	--	--	--
<b>Technical, sales, and administrative support</b>	641	46.0	36.7	5.6	7.2	2.7	1.7
Technicians and related support occupations	154	81.8	5.8	1.9	5.2	3.9	--
Health technologists and technicians	16	56.3	31.3	--	--	--	--
Engineering and related technologists and technicians	21	66.7	--	--	14.3	--	--
Electrical and electronic technicians	11	63.6	--	--	27.3	--	--
Technicians, except health, engineering, and science	111	90.1	2.7	--	2.7	2.7	--
Airplane pilots and navigators	87	100.0	--	--	--	--	--
Sales occupations	388	31.4	53.4	5.4	5.9	1.8	2.1
Supervisors and proprietors, sales occupations	191	22.0	63.4	5.8	4.2	2.1	2.6
Sales representatives, finance and business services	23	56.5	39.1	--	--	--	--
Real estate sales occupations	6	66.7	--	--	--	--	--
Securities and financial services sales occupations	6	50.0	50.0	--	--	--	--
Sales representatives, commodities except retail	25	92.0	--	--	--	--	--
Sales representatives, mining, manufacturing, and wh	24	91.7	--	--	--	--	--
Sales workers, retail and personal services	148	29.1	52.0	5.4	10.1	--	2.0
Sales workers, motor vehicles and boats	10	80.0	--	--	--	--	--
Sales workers, parts	4	75.0	--	--	--	--	--
Sales counter clerks	16	--	81.3	--	--	--	--
Cashiers	55	5.5	81.8	--	9.1	--	--
Street and door-to-door sales workers	9	33.3	33.3	--	--	--	--
News vendors	19	78.9	--	--	--	--	--
Administrative support occupations, including clerical	99	47.5	19.2	12.1	15.2	4.0	--
Supervisors, administrative support occupations	4	--	--	--	--	--	--
Secretaries, stenographers, and typists	6	--	--	--	50.0	--	--
Secretaries	6	--	--	--	50.0	--	--
Information clerks	11	--	72.7	--	--	--	--
Financial records processing occupations	7	--	--	--	42.9	--	--

See footnotes at end of table.

**TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2001 - 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
Bookkeepers, accounting, and auditing clerks	3	--	--	--	--	--	--
Mail and message distributing occupations	25	80.0	12.0	--	--	--	--
Postal clerks, except mail carriers	3	--	--	--	--	--	--
Mail carriers, postal service	9	77.8	--	--	--	--	--
Messengers	11	100.0	--	--	--	--	--
Material recording, scheduling, and distributing clerks	18	27.8	--	44.4	--	16.7	--
Traffic, shipping, and receiving clerks	11	27.3	--	54.5	--	--	--
Stock and inventory clerks	3	--	--	--	--	--	--
Adjusters and investigators	11	63.6	--	--	--	--	--
Miscellaneous administrative support	14	50.0	--	--	21.4	--	--
Data-entry keyers	3	--	--	--	--	--	--
<b>Service occupations</b>	<b>511</b>	<b>32.9</b>	<b>40.7</b>	<b>4.9</b>	<b>9.6</b>	<b>6.7</b>	<b>5.1</b>
Private household occupations	10	--	40.0	--	--	30.0	--
Private household cleaners and servants	7	--	42.9	--	--	--	--
Protective service occupations	287	39.0	41.8	4.9	3.8	3.5	7.0
Firefighting and fire prevention occupations, including supervisors	50	32.0	--	--	6.0	14.0	40.0
Firefighting occupations	47	29.8	--	--	6.4	12.8	42.6
Police and detectives, including supervisors	159	47.8	46.5	2.5	2.5	--	--
Police and detectives, public services	101	47.5	48.5	--	--	--	--
Sheriffs, bailiffs, and other law enforcement officers	45	46.7	51.1	--	--	--	--
Correctional institution officers	5	--	--	--	--	--	--
Guards, including supervisors	78	25.6	56.4	10.3	5.1	--	--
Crossing guards	10	80.0	--	--	--	--	--
Guards and police, except public service	62	14.5	66.1	12.9	6.5	--	--
Service occupations, except protective and household	214	25.7	39.3	5.1	17.3	9.8	2.3
Food preparation and service occupations	56	12.5	66.1	--	5.4	7.1	5.4
Supervisors, food preparation and service occupations	6	--	50.0	--	--	--	--
Bartenders	12	--	91.7	--	--	--	--
Waiters and waitresses	10	--	80.0	--	--	--	--
Cooks	13	30.8	30.8	--	--	--	--
Food counter, fountain and related occupations	5	--	100.0	--	--	--	--
Kitchen workers, food preparation	3	--	--	--	--	--	--
Miscellaneous food preparation occupations	6	--	50.0	--	--	--	--
Health service occupations	21	33.3	28.6	--	14.3	19.0	--
Cleaning and building service occupations, except household	78	21.8	23.1	7.7	32.1	12.8	--
Nursing aides, orderlies, and attendants	15	26.7	33.3	--	20.0	--	--
Supervisors, cleaning and building services workers	4	--	--	--	--	--	--
Maids and housemen	6	--	--	--	--	--	--
Janitors and cleaners	68	23.5	22.1	5.9	33.8	11.8	--
Personal service occupations	59	40.7	39.0	5.1	10.2	5.1	--

See footnotes at end of table.

**TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2001 - 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
Barbers	9	--	100.0	--	--	--	--
Hairdressers and cosmetologists	7	--	85.7	--	--	--	--
Attendants, amusement and recreation facilities	16	43.8	25.0	--	18.8	--	--
Guides	4	75.0	--	--	--	--	--
Public transportation attendants	8	100.0	--	--	--	--	--
<b>Farming, forestry, and fishing</b>	<b>805</b>	<b>47.0</b>	<b>7.2</b>	<b>27.6</b>	<b>8.6</b>	<b>8.7</b>	<b>0.9</b>
Farming operators and managers	321	48.9	9.3	29.6	5.0	5.3	1.9
Farmers, except horticultural	305	49.2	9.8	29.2	4.9	4.9	2.0
Horticultural specialty farmers	4	--	--	75.0	--	--	--
Managers, farms, except horticultural	11	54.5	--	--	--	--	--
Other agricultural and related occupations	327	47.1	7.0	17.7	13.8	13.8	--
Farm occupations, except managerial	185	54.6	7.6	18.9	6.5	11.4	--
Supervisors, farm workers	13	84.6	--	--	--	--	--
Farm workers	170	52.9	8.2	19.4	7.1	11.2	--
Related agricultural occupations	142	37.3	6.3	16.2	23.2	16.9	--
Supervisors, related agricultural occupations	12	58.3	--	--	--	--	--
Groundskeepers and gardeners, except farm	120	35.8	2.5	17.5	25.0	19.2	--
Animal caretakers, except farm	8	37.5	50.0	--	--	--	--
Forestry and logging occupations	95	15.8	3.2	68.4	8.4	4.2	--
Supervisors, forestry, and logging workers	10	30.0	--	50.0	--	--	--
Forestry workers, except logging	3	--	--	--	--	--	--
Timber cutting and logging occupations	82	13.4	--	73.2	8.5	--	--
Fishers, hunters, and trappers	62	83.9	--	6.5	--	6.5	--
Fishers, including vessel captains and officers	62	83.9	--	6.5	--	6.5	--
<b>Precision production, craft, and repair</b>	<b>1,140</b>	<b>19.6</b>	<b>5.5</b>	<b>20.3</b>	<b>29.8</b>	<b>17.1</b>	<b>6.9</b>
Mechanics and repairers	287	23.3	8.7	34.5	12.2	11.1	9.4
Supervisors, mechanics and repairers	15	--	20.0	20.0	--	20.0	20.0
Mechanics and repairers, except supervisors	272	23.9	8.1	35.3	12.5	10.7	8.8
Vehicle and mobile equipment mechanics, repairers	118	22.9	10.2	46.6	7.6	2.5	10.2
Automobile mechanics and apprentices	36	22.2	16.7	44.4	--	--	11.1
Bus, truck, and stationary engine mechanics	27	25.9	--	48.1	11.1	--	11.1
Aircraft engine mechanics	3	--	--	--	--	--	--
Automobile body and related repairers	10	--	40.0	30.0	--	--	--
Heavy equipment mechanics	34	17.6	--	61.8	8.8	--	--
Industrial machinery repairers	31	12.9	--	38.7	16.1	12.9	16.1
Machinery maintenance occupations	5	--	--	--	--	--	--
Electrical and electronic equipment repairers	32	40.6	9.4	--	31.3	12.5	--
Electronic repairers, communications and industrial	13	46.2	--	--	38.5	--	--
Household appliance and power tool repairers	4	--	--	--	--	--	--
Telephone line installers and repairers	8	--	--	--	50.0	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2001 - 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
Telephone installers and repairers	4	75.0	--	--	--	--	--
Miscellaneous electrical and electronic equipment repairers	3	--	--	--	--	--	--
Heating, air conditioning, and refrigeration mechanics	18	16.7	16.7	--	22.2	27.8	--
Miscellaneous mechanics and repairers	68	25.0	4.4	33.8	8.8	17.6	7.4
Mechanical controls and valve repairers	3	--	--	--	--	--	--
Elevator installers and repairers	5	--	--	80.0	--	--	--
Millwrights	8	--	--	50.0	--	--	--
Construction trades	666	17.9	3.2	9.8	43.2	21.3	4.1
Supervisors, construction occupations	99	33.3	3.0	15.2	33.3	9.1	6.1
Supervisors, carpenters and related workers	7	--	--	--	--	--	--
Supervisors, electricians and power transmission installers	6	--	--	--	--	--	--
Supervisors, painters, paperhangers, and plasterers	3	--	--	--	--	--	--
Supervisors, plumbers, pipefitters, and steamfitters	3	--	--	--	--	--	--
Supervisors, n.e.c.	77	37.7	3.9	15.6	29.9	7.8	5.2
Construction trades, except supervisors	567	15.2	3.2	8.8	45.0	23.5	3.7
Brickmasons, stonemasons, and apprentices	15	26.7	--	--	66.7	--	--
Carpenters and apprentices	112	9.8	6.3	9.8	62.5	10.7	--
Drywall installers	11	--	--	--	54.5	--	--
Electricians and apprentices	109	13.8	3.7	4.6	16.5	50.5	9.2
Electrical power installers and repairers	36	11.1	--	--	25.0	55.6	--
Painters, construction and maintenance	42	16.7	--	--	54.8	16.7	--
Plumbers, pipefitters, steamfitters, and apprentices	45	20.0	--	20.0	15.6	35.6	8.9
Insulation workers	6	--	--	--	--	--	--
Paving, surfacing, and tamping equipment operators	5	80.0	--	--	--	--	--
Roofers	78	10.3	--	--	73.1	11.5	--
Structural metal workers	45	--	--	8.9	88.9	--	--
Drillers, earth	8	--	--	37.5	--	--	--
Extractive occupations	97	23.7	--	45.4	--	6.2	20.6
Supervisors, extractive occupations	7	--	--	--	--	--	--
Drillers, oil wells	21	23.8	--	57.1	--	--	--
Mining machine operators	34	23.5	--	38.2	--	--	35.3
Precision production occupations	90	15.6	17.8	25.6	17.8	16.7	5.6
Precision metal working occupations	25	16.0	--	36.0	32.0	12.0	--
Machinists	8	--	--	87.5	--	--	--
Boilermakers	8	37.5	--	--	50.0	--	--
Sheet metal workers	6	--	--	--	66.7	--	--
Precision food production occupations	4	--	75.0	--	--	--	--
Butchers and meat cutters	3	--	--	--	--	--	--
Precision inspectors, testers, and related workers	3	--	--	--	--	--	--
Inspectors, testers, and graders	3	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2001 - 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
Plant and system operators	18	--	16.7	--	22.2	38.9	--
Water and sewage treatment plant operators	10	--	--	--	30.0	40.0	--
<b>Operators, fabricators, and laborers</b>	<b>2,043</b>	<b>54.2</b>	<b>6.5</b>	<b>19.0</b>	<b>11.0</b>	<b>6.3</b>	<b>2.7</b>
Machine operators, assemblers, and inspectors	208	14.9	5.8	38.9	13.0	12.5	13.9
Machine operators and tenders, except precision	111	16.2	5.4	45.9	5.4	9.9	15.3
Metal working and plastic working machine operators	8	--	--	75.0	--	--	--
Metal and plastic processing machine operators	4	--	--	100.0	--	--	--
Molding and casting machine operators	4	--	--	100.0	--	--	--
Woodworking machine operators	5	--	--	60.0	--	--	--
Sawing machine operators	3	--	--	--	--	--	--
Printing machine operators	3	--	--	--	--	--	--
Textile, apparel, and furnishings machine operators	7	--	--	42.9	--	--	--
Machine operators, assorted materials	83	18.1	3.6	41.0	6.0	12.0	19.3
Mixing and blending machine operators	4	--	--	75.0	--	--	--
Separating, filtering, and clarifying machine operators	3	--	--	--	--	--	--
Furnace, kiln, and oven operators except food	4	--	--	--	--	--	--
Miscellaneous machine operators, n.e.c.	34	23.5	--	41.2	11.8	8.8	11.8
Machine operators, not specified	27	14.8	--	40.7	--	18.5	22.2
Fabricators, assemblers, and hand working occupations	86	12.8	--	33.7	22.1	15.1	14.0
Welders and cutters	69	11.6	--	31.9	26.1	13.0	15.9
Assemblers	16	18.8	--	43.8	--	18.8	--
Production inspectors, testers, samplers, and weighers	11	--	36.4	--	--	--	--
Transportation and material moving occupations	1,185	72.2	7.8	11.4	4.6	3.4	0.5
Motor vehicle operators	966	76.6	8.8	7.9	3.9	2.0	0.6
Truck drivers	799	80.0	3.9	9.0	4.1	2.0	0.8
Driver-sales workers	55	74.5	21.8	--	--	--	--
Bus drivers	27	77.8	14.8	--	--	--	--
Taxicab drivers and chauffeurs	62	40.3	56.5	--	--	--	--
Transportation occupations, except motor vehicles	36	69.4	--	8.3	--	13.9	--
Rail transportation occupations	13	92.3	--	--	--	--	--
Locomotive operating occupations	6	100.0	--	--	--	--	--
Railroad brake, signal, and switch operators	5	80.0	--	--	--	--	--
Water transportation occupations	23	56.5	--	--	--	21.7	--
Ship captains and mates, except fishing boats	9	33.3	--	--	--	33.3	--
Sailors and deckhands	13	76.9	--	--	--	--	--
Material moving equipment operators	183	49.2	3.3	30.6	8.2	8.7	--
Operating engineers	51	58.8	--	31.4	5.9	--	--
Hoist and winch operators	18	--	--	50.0	16.7	22.2	--
Crane and tower operators	14	21.4	--	42.9	--	--	--
Excavating and loading machine operators	22	54.5	--	18.2	--	22.7	--

See footnotes at end of table.

**TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2001 - 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
Grader, dozer, and scraper operators	14	78.6	--	--	--	--	--
Industrial truck and tractor equipment operators	47	57.4	8.5	29.8	--	--	--
Handlers, equipment cleaners, helpers, and laborers	650	34.0	4.5	26.6	21.8	9.5	3.1
Helpers, mechanics and repairers	3	--	--	--	--	--	--
Helpers, construction and extractive occupations	13	23.1	--	--	30.8	38.5	--
Helpers, construction trades	11	--	--	--	36.4	45.5	--
Construction laborers	349	33.0	2.0	27.2	26.1	10.9	0.9
Freight, stock, and material handlers	79	45.6	3.8	27.8	12.7	3.8	--
Garbage collectors	31	77.4	--	19.4	--	--	--
Stock handlers and baggers	10	--	30.0	--	30.0	--	--
Garage and service station related occupations	20	30.0	20.0	15.0	--	--	25.0
Vehicle washers and equipment cleaners	10	--	30.0	--	--	--	--
Hand packers and packagers	4	--	--	--	--	--	--
Laborers, except construction	167	32.9	7.2	30.5	17.4	6.6	5.4
<b>Military occupations</b>	<b>110</b>	<b>70.9</b>	<b>15.5</b>	<b>8.2</b>	<b>--</b>	<b>5.5</b>	<b>--</b>

<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 Manual.

<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.

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

Data exclude fatalities resulting from September 11 terrorist attacks.

n.e.c. means "not elsewhere classified."

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

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