

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>					
		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.....	5,764	2,490	809	1,009	822	464	159
Management occupations.....	637	273	112	131	68	30	22
Top executives.....	28	15	3	3	4	--	--
Chief executives.....	13	7	--	--	--	--	--
Chief executives.....	13	7	--	--	--	--	--
General and operations managers.....	15	8	--	--	--	--	--
General and operations managers.....	15	8	--	--	--	--	--
Advertising, marketing, promotions, public relations, and sales managers.....	20	12	5	--	--	--	--
Advertising and promotions managers.....	3	--	--	--	--	--	--
Advertising and promotions managers.....	3	--	--	--	--	--	--
Marketing and sales managers.....	16	11	4	--	--	--	--
Sales managers.....	14	9	4	--	--	--	--
Operations specialties managers.....	43	14	15	4	7	--	--
Administrative services managers.....	5	--	--	--	--	--	--
Administrative services managers.....	5	--	--	--	--	--	--
Financial managers.....	14	4	8	--	--	--	--
Financial managers.....	14	4	8	--	--	--	--
Human resources managers.....	3	--	--	--	--	--	--
Industrial production managers.....	11	--	4	3	--	--	--
Industrial production managers.....	11	--	4	3	--	--	--
Transportation, storage, and distribution managers.....	7	--	--	--	--	--	--
Transportation, storage, and distribution managers.....	7	--	--	--	--	--	--
Other management occupations.....	546	232	89	124	55	26	20
Agricultural managers.....	327	163	31	97	17	12	7
Farm, ranch, and other agricultural managers.....	17	9	3	3	--	--	--
Farmers and ranchers.....	310	154	28	94	16	11	7
Construction managers.....	95	30	5	18	27	8	7
Construction managers.....	95	30	5	18	27	8	7
Education administrators.....	10	9	--	--	--	--	--
Education administrators, postsecondary.....	7	7	--	--	--	--	--
Food service managers.....	31	3	19	--	4	--	--
Food service managers.....	31	3	19	--	4	--	--
Lodging managers.....	11	3	6	--	--	--	--
Lodging managers.....	11	3	6	--	--	--	--
Property, real estate, and community association managers.....	18	3	10	--	--	--	--
Property, real estate, and community association managers.....	18	3	10	--	--	--	--
Miscellaneous managers.....	47	16	16	4	4	4	3
Managers, all other.....	47	16	16	4	4	4	3
Business and financial operations occupations.....	27	15	9	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>					
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Business operations specialists.....	18	12	4	--	--	--	--
Buyers and purchasing agents.....	6	5	--	--	--	--	--
Wholesale and retail buyers, except farm products.....	3	3	--	--	--	--	--
Claims adjusters, appraisers, examiners, and investigators.....	5	3	--	--	--	--	--
Claims adjusters, examiners, and investigators.....	5	3	--	--	--	--	--
Financial specialists.....	9	3	5	--	--	--	--
Accountants and auditors.....	5	--	3	--	--	--	--
Accountants and auditors.....	5	--	3	--	--	--	--
Computer and mathematical occupations.....	7	5	--	--	--	--	--
Computer specialists.....	7	5	--	--	--	--	--
Architecture and engineering occupations.....	69	46	--	4	5	10	--
Architects, surveyors, and cartographers.....	6	4	--	--	--	--	--
Surveyors, cartographers, and photogrammetrists.....	6	4	--	--	--	--	--
Surveyors.....	6	4	--	--	--	--	--
Engineers.....	36	26	--	3	--	3	--
Civil engineers.....	10	8	--	--	--	--	--
Civil engineers.....	10	8	--	--	--	--	--
Electrical and electronics engineers.....	5	3	--	--	--	--	--
Electrical engineers.....	3	--	--	--	--	--	--
Mechanical engineers.....	6	--	--	--	--	--	--
Mechanical engineers.....	6	--	--	--	--	--	--
Miscellaneous engineers.....	6	5	--	--	--	--	--
Engineers, all other.....	6	5	--	--	--	--	--
Drafters, engineering, and mapping technicians.....	27	16	--	--	3	5	--
Drafters.....	4	--	--	--	--	--	--
Architectural and civil drafters.....	4	--	--	--	--	--	--
Engineering technicians, except drafters.....	20	12	--	--	--	4	--
Electrical and electronic engineering technicians.....	11	7	--	--	--	--	--
Engineering technicians, except drafters, all other.....	4	4	--	--	--	--	--
Surveying and mapping technicians.....	3	--	--	--	--	--	--
Surveying and mapping technicians.....	3	--	--	--	--	--	--
Life, physical, and social science occupations.....	25	16	4	5	--	--	--
Life scientists.....	11	8	--	--	--	--	--
Conservation scientists and foresters.....	6	5	--	--	--	--	--
Foresters.....	4	3	--	--	--	--	--
Physical scientists.....	4	--	--	--	--	--	--
Life, physical, and social science technicians.....	8	5	--	--	--	--	--
Community and social services occupations.....	43	23	12	--	6	--	--
Counselors, social workers, and other community and social service specialists.....	21	11	8	--	--	--	--
Counselors.....	7	--	4	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>					
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Social workers.....	10	5	4	--	--	--	--
Child, family, and school social workers.....	3	--	--	--	--	--	--
Social workers, all other.....	3	--	--	--	--	--	--
Miscellaneous community and social service specialists.....	4	4	--	--	--	--	--
Religious workers.....	22	12	4	--	5	--	--
Clergy.....	11	4	4	--	--	--	--
Clergy.....	11	4	4	--	--	--	--
Directors, religious activities and education.....	4	--	--	--	--	--	--
Directors, religious activities and education.....	4	--	--	--	--	--	--
Miscellaneous religious workers.....	7	6	--	--	--	--	--
Religious workers, all other.....	7	6	--	--	--	--	--
Legal occupations.....	3	--	--	--	--	--	--
Lawyers, judges, and related workers.....	3	--	--	--	--	--	--
Education, training, and library occupations.....	27	15	3	--	5	4	--
Postsecondary teachers.....	7	5	--	--	--	--	--
Miscellaneous postsecondary teachers.....	3	3	--	--	--	--	--
Primary, secondary, and special education school teachers.....	12	5	--	--	--	3	--
Elementary and middle school teachers.....	6	--	--	--	--	--	--
Elementary school teachers, except special education.....	5	--	--	--	--	--	--
Secondary school teachers.....	5	--	--	--	--	--	--
Secondary school teachers, except special and vocational education.....	4	--	--	--	--	--	--
Other teachers and instructors.....	3	--	--	--	--	--	--
Other education, training, and library occupations.....	4	--	--	--	--	--	--
Teacher assistants.....	4	--	--	--	--	--	--
Teacher assistants.....	4	--	--	--	--	--	--
Arts, design, entertainment, sports, and media occupations.....	51	24	13	5	7	--	--
Art and design workers.....	8	--	4	--	--	--	--
Artists and related workers.....	3	--	--	--	--	--	--
Designers.....	5	--	--	--	--	--	--
Entertainers and performers, sports and related workers.....	32	16	6	4	6	--	--
Athletes, coaches, umpires, and related workers.....	23	13	--	3	5	--	--
Athletes and sports competitors.....	15	8	--	3	3	--	--
Coaches and scouts.....	7	5	--	--	--	--	--
Miscellaneous entertainers and performers, sports and related workers.....	5	--	--	--	--	--	--
Entertainers and performers, sports and related workers, all other.....	5	--	--	--	--	--	--
Media and communication equipment workers.....	9	4	3	--	--	--	--
Broadcast and sound engineering technicians and radio operators.....	3	--	--	--	--	--	--
Photographers.....	3	--	--	--	--	--	--
Photographers.....	3	--	--	--	--	--	--
Television, video, and motion picture camera operators and editors.....	3	--	--	--	--	--	--
Camera operators, television, video, and motion picture.....	3	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>						
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions	
Healthcare practitioners and technical occupations.....	72	40	17	--	--	5	9	--
Health diagnosing and treating practitioners.....	40	20	13	--	--	3	4	--
Pharmacists.....	3	--	--	--	--	--	--	--
Physicians and surgeons.....	5	3	--	--	--	--	--	--
Physicians and surgeons, all other.....	5	3	--	--	--	--	--	--
Registered nurses.....	23	11	5	--	--	3	4	--
Registered nurses.....	23	11	5	--	--	3	4	--
Therapists.....	4	3	--	--	--	--	--	--
Veterinarians.....	3	--	--	--	--	--	--	--
Veterinarians.....	3	--	--	--	--	--	--	--
Health technologists and technicians.....	31	20	4	--	--	--	5	--
Emergency medical technicians and paramedics.....	19	17	--	--	--	--	--	--
Emergency medical technicians and paramedics.....	19	17	--	--	--	--	--	--
Health diagnosing and treating practitioner support technicians.....	6	--	--	--	--	--	--	--
Licensed practical and licensed vocational nurses.....	4	--	--	--	--	--	--	--
Licensed practical and licensed vocational nurses.....	4	--	--	--	--	--	--	--
Healthcare support occupations.....	12	3	3	--	--	--	3	--
Nursing, psychiatric, and home health aides.....	9	3	--	--	--	--	3	--
Nursing, psychiatric, and home health aides.....	9	3	--	--	--	--	3	--
Home health aides.....	7	3	--	--	--	--	--	--
Other healthcare support occupations.....	3	--	--	--	--	--	--	--
Protective service occupations.....	273	127	105	12	--	12	4	13
First-line supervisors/managers, protective service workers.....	24	12	7	--	--	--	--	3
First-line supervisors/managers, law enforcement workers.....	10	5	5	--	--	--	--	--
First-line supervisors/managers of police and detectives.....	10	5	5	--	--	--	--	--
First-line supervisors/managers, fire fighting and prevention workers.....	10	5	--	--	--	--	--	3
First-line supervisors/managers of fire fighting and prevention workers.....	10	5	--	--	--	--	--	3
Miscellaneous first-line supervisors/managers, protective service workers.....	4	--	--	--	--	--	--	--
First-line supervisors/managers, protective service workers, all other.....	4	--	--	--	--	--	--	--
Fire fighting and prevention workers.....	30	15	--	3	--	--	--	7
Fire fighters.....	29	14	--	3	--	--	--	7
Fire fighters.....	29	14	--	3	--	--	--	7
Law enforcement workers.....	136	74	53	--	--	4	--	--
Bailiffs, correctional officers, and jailers.....	5	--	--	--	--	--	--	--
Correctional officers and jailers.....	5	--	--	--	--	--	--	--
Detectives and criminal investigators.....	9	5	4	--	--	--	--	--
Detectives and criminal investigators.....	9	5	4	--	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>					
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Police officers.....	121	66	48	--	--	--	--
Police and sheriff's patrol officers.....	121	66	48	--	--	--	--
Other protective service workers.....	83	26	43	5	6	--	--
Security guards and gaming surveillance officers.....	69	18	42	--	4	--	--
Security guards.....	67	17	41	--	4	--	--
Miscellaneous protective service workers.....	13	8	--	3	--	--	--
Crossing guards.....	7	7	--	--	--	--	--
Protective service workers, all other.....	4	--	--	--	--	--	--
Food preparation and serving related occupations.....	52	3	37	--	5	5	--
Supervisors, food preparation and serving workers.....	10	--	10	--	--	--	--
First-line supervisors/managers, food preparation and serving workers.....	10	--	10	--	--	--	--
First-line supervisors/managers of food preparation and serving workers.....	10	--	10	--	--	--	--
Cooks and food preparation workers.....	10	--	4	--	--	3	--
Cooks.....	9	--	3	--	--	3	--
Cooks, restaurant.....	5	--	--	--	--	--	--
Food and beverage serving workers.....	27	--	19	--	4	--	--
Bartenders.....	11	--	9	--	--	--	--
Bartenders.....	11	--	9	--	--	--	--
Fast food and counter workers.....	10	--	6	--	--	--	--
Combined food preparation and serving workers, including fast food.....	7	--	5	--	--	--	--
Counter attendants, cafeteria, food concession, and coffee shop.....	3	--	--	--	--	--	--
Waiters and waitresses.....	5	--	4	--	--	--	--
Waiters and waitresses.....	5	--	4	--	--	--	--
Other food preparation and serving related workers.....	5	--	4	--	--	--	--
Dining room and cafeteria attendants and bartender helpers.....	3	--	3	--	--	--	--
Dining room and cafeteria attendants and bartender helpers.....	3	--	3	--	--	--	--
Building and grounds cleaning and maintenance occupations.....	278	82	27	51	68	46	--
Supervisors, building and grounds cleaning and maintenance workers.....	43	15	3	13	8	4	--
First-line supervisors/managers, building and grounds cleaning and maintenance workers.....	43	15	3	13	8	4	--
First-line supervisors/managers of housekeeping and janitorial workers.....	6	3	--	--	--	--	--
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers.....	37	12	--	12	7	4	--
Building cleaning and pest control workers.....	66	10	19	4	18	13	--
Building cleaning workers.....	63	9	19	4	18	11	--
Janitors and cleaners, except maids and housekeeping cleaners.....	47	9	12	3	13	8	--
Maids and housekeeping cleaners.....	15	--	7	--	4	--	--
Pest control workers.....	3	--	--	--	--	--	--
Pest control workers.....	3	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>					
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Grounds maintenance workers.....	169	57	5	34	42	29	--
Grounds maintenance workers.....	169	57	5	34	42	29	--
Landscaping and groundskeeping workers.....	99	48	4	16	16	14	--
Tree trimmers and pruners.....	65	7	--	17	26	14	--
Grounds maintenance workers, all other.....	4	--	--	--	--	--	--
Personal care and service occupations.....	56	19	26	--	--	9	--
Supervisors, personal care and service workers.....	6	--	4	--	--	--	--
First-line supervisors/managers of personal service workers.....	6	--	4	--	--	--	--
First-line supervisors/managers of personal service workers.....	6	--	4	--	--	--	--
Animal care and service workers.....	11	4	7	--	--	--	--
Animal trainers.....	5	4	--	--	--	--	--
Animal trainers.....	5	4	--	--	--	--	--
Nonfarm animal caretakers.....	6	--	6	--	--	--	--
Nonfarm animal caretakers.....	6	--	6	--	--	--	--
Entertainment attendants and related workers.....	7	3	--	--	--	3	--
Miscellaneous entertainment attendants and related workers.....	7	3	--	--	--	3	--
Amusement and recreation attendants.....	6	3	--	--	--	--	--
Personal appearance workers.....	7	--	7	--	--	--	--
Barbers and cosmetologists.....	5	--	5	--	--	--	--
Barbers.....	3	--	3	--	--	--	--
Transportation, tourism, and lodging attendants.....	7	5	--	--	--	--	--
Tour and travel guides.....	5	3	--	--	--	--	--
Tour guides and escorts.....	5	3	--	--	--	--	--
Other personal care and service workers.....	17	5	5	--	--	6	--
Child care workers.....	6	3	--	--	--	--	--
Child care workers.....	6	3	--	--	--	--	--
Personal and home care aides.....	4	--	--	--	--	--	--
Personal and home care aides.....	4	--	--	--	--	--	--
Recreation and fitness workers.....	5	--	--	--	--	--	--
Recreation workers.....	4	--	--	--	--	--	--
Sales and related occupations.....	355	105	196	11	27	10	5
Supervisors, sales workers.....	159	18	112	8	15	--	4
First-line supervisors/managers, sales workers.....	159	18	112	8	15	--	4
First-line supervisors/managers of retail sales workers.....	131	12	101	5	11	--	--
First-line supervisors/managers of non-retail sales workers.....	28	6	11	3	4	--	--
Retail sales workers.....	101	16	69	--	8	4	--
Cashiers.....	54	--	50	--	--	--	--
Cashiers.....	54	--	50	--	--	--	--
Counter and rental clerks and parts salespersons.....	6	3	--	--	--	--	--
Counter and rental clerks.....	3	--	--	--	--	--	--
Parts salespersons.....	3	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>						
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions	
Retail salespersons.....	41	11	17	--	--	8	--	--
Retail salespersons.....	41	11	17	--	--	8	--	--
Sales representatives, services.....	21	15	4	--	--	--	--	--
Advertising sales agents.....	3	--	--	--	--	--	--	--
Advertising sales agents.....	3	--	--	--	--	--	--	--
Insurance sales agents.....	5	3	--	--	--	--	--	--
Insurance sales agents.....	5	3	--	--	--	--	--	--
Securities, commodities, and financial services sales agents.....	5	3	--	--	--	--	--	--
Securities, commodities, and financial services sales agents.....	5	3	--	--	--	--	--	--
Miscellaneous sales representatives, services.....	7	6	--	--	--	--	--	--
Sales representatives, services, all other.....	7	6	--	--	--	--	--	--
Sales representatives, wholesale and manufacturing.....	34	31	--	--	--	--	--	--
Sales representatives, wholesale and manufacturing.....	34	31	--	--	--	--	--	--
Sales representatives, wholesale and manufacturing, technical and scientific products.....	12	11	--	--	--	--	--	--
Sales representatives, wholesale and manufacturing, except technical and scientific products.....	22	20	--	--	--	--	--	--
Other sales and related workers.....	40	25	9	--	--	--	3	--
Real estate brokers and sales agents.....	11	5	5	--	--	--	--	--
Real estate brokers.....	5	--	4	--	--	--	--	--
Real estate sales agents.....	6	5	--	--	--	--	--	--
Miscellaneous sales and related workers.....	26	18	3	--	--	--	3	--
Door-to-door sales workers, news and street vendors, and related workers.....	22	16	3	--	--	--	3	--
Sales and related workers, all other.....	4	--	--	--	--	--	--	--
Office and administrative support occupations.....	91	47	25	8	--	8	--	--
Supervisors, office and administrative support workers.....	4	--	3	--	--	--	--	--
First-line supervisors/managers of office and administrative support workers.....	4	--	3	--	--	--	--	--
First-line supervisors/managers of office and administrative support workers.....	4	--	3	--	--	--	--	--
Financial clerks.....	8	3	4	--	--	--	--	--
Tellers.....	3	--	--	--	--	--	--	--
Tellers.....	3	--	--	--	--	--	--	--
Information and record clerks.....	9	3	5	--	--	--	--	--
Receptionists and information clerks.....	4	--	3	--	--	--	--	--
Receptionists and information clerks.....	4	--	3	--	--	--	--	--
Material recording, scheduling, dispatching, and distributing workers.....	50	31	6	6	--	5	--	--
Couriers and messengers.....	17	15	--	--	--	--	--	--
Couriers and messengers.....	17	15	--	--	--	--	--	--
Postal service workers.....	14	10	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>					
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Postal service mail carriers.....	11	10	--	--	--	--	--
Stock clerks and order fillers.....	14	4	--	--	4	--	--
Stock clerks and order fillers.....	14	4	--	--	4	--	--
Secretaries and administrative assistants.....	6	--	4	--	--	--	--
Secretaries and administrative assistants.....	6	--	4	--	--	--	--
Secretaries, except legal, medical, and executive.....	4	--	3	--	--	--	--
Other office and administrative support workers.....	14	7	3	--	--	--	--
Office clerks, general.....	7	3	--	--	--	--	--
Office clerks, general.....	7	3	--	--	--	--	--
Farming, fishing, and forestry occupations.....	285	135	16	96	11	20	6
Supervisors, farming, fishing, and forestry workers.....	11	7	--	--	--	--	--
First-line supervisors/managers of farming, fishing, and forestry workers.....	11	7	--	--	--	--	--
First-line supervisors/managers of farming, fishing, and forestry workers.....	8	4	--	--	--	--	--
Farm labor contractors.....	3	3	--	--	--	--	--
Agricultural workers.....	145	78	13	25	9	16	4
Miscellaneous agricultural workers.....	142	77	12	25	8	16	4
Agricultural equipment operators.....	11	7	--	3	--	--	--
Farmworkers and laborers, crop, nursery, and greenhouse.....	84	50	5	16	4	8	--
Farmworkers, farm and ranch animals.....	42	18	6	5	4	7	--
Agricultural workers, all other.....	5	--	--	--	--	--	--
Fishing and hunting workers.....	40	33	--	--	--	3	--
Fishers and related fishing workers.....	40	33	--	--	--	3	--
Fishers and related fishing workers.....	40	33	--	--	--	3	--
Forest, conservation, and logging workers.....	89	17	--	67	--	--	--
Logging workers.....	85	13	--	67	--	--	--
Fallers.....	55	4	--	49	--	--	--
Logging equipment operators.....	13	6	--	6	--	--	--
Logging workers, all other.....	17	3	--	12	--	--	--
Construction and extraction occupations.....	1,138	252	32	260	413	151	30
Supervisors, construction and extraction workers.....	116	38	3	30	33	9	3
First-line supervisors/managers of construction trades and extraction workers.....	116	38	3	30	33	9	3
First-line supervisors/managers of construction trades and extraction workers.....	116	38	3	30	33	9	3
Construction trades workers.....	879	167	27	184	359	122	20
Boilermakers.....	4	--	--	--	4	--	--
Boilermakers.....	4	--	--	--	4	--	--
Brickmasons, blockmasons, and stonemasons.....	18	4	--	--	10	--	--
Brickmasons and blockmasons.....	18	4	--	--	10	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>					
		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
Carpenters.....	111	9	4	22	68	8	--
Carpenters.....	111	9	4	22	68	8	--
Carpet, floor, and tile installers and finishers.....	7	--	--	--	--	4	--
Carpet installers.....	3	--	--	--	--	--	--
Cement masons, concrete finishers, and terrazzo workers.....	14	5	--	--	3	4	--
Cement masons and concrete finishers.....	14	5	--	--	3	4	--
Construction laborers.....	296	67	6	94	91	37	--
Construction laborers.....	296	67	6	94	91	37	--
Construction equipment operators.....	72	40	--	25	--	4	--
Paving, surfacing, and tamping equipment operators.....	9	9	--	--	--	--	--
Operating engineers and other construction equipment operators.....	61	31	--	24	--	3	--
Drywall installers, ceiling tile installers, and tapers.....	13	--	--	--	10	--	--
Drywall and ceiling tile installers.....	13	--	--	--	10	--	--
Electricians.....	94	14	3	3	30	40	4
Electricians.....	94	14	3	3	30	40	4
Glaziers.....	4	--	--	--	3	--	--
Glaziers.....	4	--	--	--	3	--	--
Painters and paperhangers.....	62	5	4	4	37	8	4
Painters, construction and maintenance.....	61	5	4	4	36	8	4
Pipelayers, plumbers, pipefitters, and steamfitters.....	37	8	--	14	--	4	7
Pipelayers.....	10	--	--	7	--	3	--
Plumbers, pipefitters, and steamfitters.....	27	8	--	7	--	--	7
Plasterers and stucco masons.....	3	--	--	--	--	--	--
Plasterers and stucco masons.....	3	--	--	--	--	--	--
Reinforcing iron and rebar workers.....	3	--	--	--	--	--	--
Reinforcing iron and rebar workers.....	3	--	--	--	--	--	--
Roofers.....	95	10	--	--	75	6	--
Roofers.....	95	10	--	--	75	6	--
Sheet metal workers.....	14	--	--	--	7	--	--
Sheet metal workers.....	14	--	--	--	7	--	--
Structural iron and steel workers.....	31	--	--	12	15	3	--
Structural iron and steel workers.....	31	--	--	12	15	3	--
Helpers, construction trades.....	21	3	--	5	4	7	--
Helpers, construction trades.....	21	3	--	5	4	7	--
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters.....	3	--	--	--	--	--	--
Helpers--electricians.....	10	--	--	--	--	5	--
Helpers--pipelayers, plumbers, pipefitters, and steamfitters.....	3	--	--	--	--	--	--
Helpers, construction trades, all other.....	4	--	--	--	--	--	--
Other construction and related workers.....	45	24	--	5	8	7	--
Construction and building inspectors.....	8	5	--	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>						
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions	
Construction and building inspectors.....	8	5	--	--	--	--	--	--
Elevator installers and repairers.....	6	--	--	--	3	--	--	--
Elevator installers and repairers.....	6	--	--	--	3	--	--	--
Highway maintenance workers.....	21	18	--	--	--	--	--	--
Highway maintenance workers.....	21	18	--	--	--	--	--	--
Miscellaneous construction and related workers.....	7	--	--	--	3	--	--	--
Construction and related workers, all other.....	6	--	--	--	3	--	--	--
Extraction workers.....	77	20	--	36	9	6	5	
Derrick, rotary drill, and service unit operators, oil, gas, and mining.....	15	3	--	5	--	--	--	--
Derrick operators, oil and gas.....	6	--	--	--	--	--	--	--
Rotary drill operators, oil and gas.....	8	--	--	3	--	--	--	--
Earth drillers, except oil and gas.....	8	--	--	--	--	--	--	--
Earth drillers, except oil and gas.....	8	--	--	--	--	--	--	--
Mining machine operators.....	20	8	--	11	--	--	--	--
Continuous mining machine operators.....	4	--	--	--	--	--	--	--
Mining machine operators, all other.....	15	6	--	8	--	--	--	--
Roof bolters, mining.....	3	--	--	--	--	--	--	--
Roof bolters, mining.....	3	--	--	--	--	--	--	--
Roustabouts, oil and gas.....	7	--	--	7	--	--	--	--
Roustabouts, oil and gas.....	7	--	--	7	--	--	--	--
Helpers--extraction workers.....	3	--	--	--	--	--	--	--
Helpers--extraction workers.....	3	--	--	--	--	--	--	--
Miscellaneous extraction workers.....	18	--	--	8	6	--	--	--
Extraction workers, all other.....	18	--	--	8	6	--	--	--
Installation, maintenance, and repair occupations.....	384	74	35	104	69	67	35	
Supervisors of installation, maintenance, and repair workers.....	43	5	8	12	8	5	5	
First-line supervisors/managers of mechanics, installers, and repairers.....	43	5	8	12	8	5	5	
First-line supervisors/managers of mechanics, installers, and repairers.....	43	5	8	12	8	5	5	
Electrical and electronic equipment mechanics, installers, and repairers.....	13	3	3	--	3	3	--	--
Computer, automated teller, and office machine repairers.....	3	--	--	--	--	--	--	--
Computer, automated teller, and office machine repairers.....	3	--	--	--	--	--	--	--
Radio and telecommunications equipment installers and repairers.....	4	--	--	--	--	--	--	--
Telecommunications equipment installers and repairers, except line installers.....	4	--	--	--	--	--	--	--
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers.....	6	--	--	--	--	3	--	--
Electric motor, power tool, and related repairers.....	3	--	--	--	--	--	--	--
Vehicle and mobile equipment mechanics, installers, and repairers.....	122	23	20	50	6	8	15	
Aircraft mechanics and service technicians.....	4	--	--	--	--	--	--	--
Aircraft mechanics and service technicians.....	4	--	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>					
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Automotive technicians and repairers.....	51	5	19	16	3	--	6
Automotive body and related repairers.....	11	--	5	4	--	--	--
Automotive service technicians and mechanics.....	39	3	14	12	3	--	5
Bus and truck mechanics and diesel engine specialists.....	22	7	--	12	--	--	--
Bus and truck mechanics and diesel engine specialists.....	22	7	--	12	--	--	--
Heavy vehicle and mobile equipment service technicians and mechanics.....	26	4	--	14	--	4	--
Farm equipment mechanics.....	5	--	--	--	--	--	--
Mobile heavy equipment mechanics, except engines.....	19	--	--	11	--	--	--
Small engine mechanics.....	3	3	--	--	--	--	--
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers.....	16	--	--	7	--	--	6
Tire repairers and changers.....	16	--	--	7	--	--	6
Other installation, maintenance, and repair occupations.....	206	43	4	41	52	51	15
Control and valve installers and repairers.....	4	--	--	--	--	--	--
Control and valve installers and repairers, except mechanical door.....	3	--	--	--	--	--	--
Heating, air conditioning, and refrigeration mechanics and installers.....	24	--	--	--	8	12	--
Heating, air conditioning, and refrigeration mechanics and installers.....	24	--	--	--	8	12	--
Industrial machinery installation, repair, and maintenance workers.....	91	19	--	28	25	11	7
Industrial machinery mechanics.....	39	11	--	12	9	4	3
Maintenance and repair workers, general.....	39	8	--	7	13	6	4
Maintenance workers, machinery.....	6	--	--	5	--	--	--
Millwrights.....	7	--	--	4	--	--	--
Line installers and repairers.....	50	10	--	3	13	20	--
Electrical power-line installers and repairers.....	36	8	--	--	7	15	--
Telecommunications line installers and repairers.....	14	--	--	--	6	5	--
Miscellaneous installation, maintenance, and repair workers.....	35	9	3	7	6	7	--
Coin, vending, and amusement machine servicers and repairers.....	5	3	--	--	--	--	--
Locksmiths and safe repairers.....	3	--	--	--	--	--	--
Manufactured building and mobile home installers.....	3	--	--	3	--	--	--
Riggers.....	4	--	--	--	--	--	--
Helpers--installation, maintenance, and repair workers.....	3	--	--	--	--	--	--
Installation, maintenance, and repair workers, all other.....	15	3	--	--	4	4	--
Production occupations.....	290	48	35	111	33	29	31
Supervisors, production workers.....	37	7	5	14	4	5	--
First-line supervisors/managers of production and operating workers.....	37	7	5	14	4	5	--
First-line supervisors/managers of production and operating workers.....	37	7	5	14	4	5	--
Assemblers and fabricators.....	19	--	--	6	4	3	--
Miscellaneous assemblers and fabricators.....	14	--	--	3	4	--	--
Assemblers and fabricators, all other.....	14	--	--	3	4	--	--
Food processing workers.....	13	--	5	--	--	3	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>					
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Butchers and other meat, poultry, and fish processing workers.....	10	--	5	--	--	--	--
Slaughterers and meat packers.....	8	--	5	--	--	--	--
Metal workers and plastic workers.....	85	14	8	38	9	5	11
Machine tool cutting setters, operators, and tenders, metal and plastic.....	4	--	--	4	--	--	--
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic.....	3	--	--	3	--	--	--
Machinists.....	10	--	--	6	3	--	--
Machinists.....	10	--	--	6	3	--	--
Metal furnace and kiln operators and tenders.....	6	--	--	--	--	--	3
Metal-refining furnace operators and tenders.....	6	--	--	--	--	--	3
Molders and molding machine setters, operators, and tenders, metal and plastic.....	4	--	--	--	--	--	--
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic.....	3	--	--	--	--	--	--
Welding, soldering, and brazing workers.....	48	7	5	20	6	5	5
Welders, cutters, solderers, and brazers.....	46	7	5	18	6	5	5
Miscellaneous metalworkers and plastic workers.....	10	6	--	--	--	--	--
Metal workers and plastic workers, all other.....	8	6	--	--	--	--	--
Printing workers.....	4	--	--	--	--	--	--
Printers.....	3	--	--	--	--	--	--
Textile, apparel, and furnishings workers.....	7	--	--	--	--	--	--
Woodworkers.....	15	3	--	10	--	--	--
Cabinetmakers and bench carpenters.....	3	--	--	--	--	--	--
Cabinetmakers and bench carpenters.....	3	--	--	--	--	--	--
Woodworking machine setters, operators, and tenders.....	12	--	--	8	--	--	--
Sawing machine setters, operators, and tenders, wood.....	9	--	--	6	--	--	--
Woodworking machine setters, operators, and tenders, except sawing.....	3	--	--	--	--	--	--
Plant and system operators.....	14	--	4	--	--	--	6
Stationary engineers and boiler operators.....	3	--	--	--	--	--	--
Stationary engineers and boiler operators.....	3	--	--	--	--	--	--
Water and liquid waste treatment plant and system operators.....	6	--	--	--	--	--	--
Water and liquid waste treatment plant and system operators.....	6	--	--	--	--	--	--
Miscellaneous plant and system operators.....	3	--	--	--	--	--	--
Other production occupations.....	96	19	10	38	11	9	9
Chemical processing machine setters, operators, and tenders.....	7	--	--	--	--	--	5
Chemical equipment operators and tenders.....	6	--	--	--	--	--	5
Crushing, grinding, polishing, mixing, and blending workers.....	9	--	--	6	--	--	--
Crushing, grinding, and polishing machine setters, operators, and tenders.....	4	--	--	3	--	--	--
Mixing and blending machine setters, operators, and tenders.....	4	--	--	3	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>					
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	3	--	--	--	--	--	--
Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	3	--	--	--	--	--	--
Inspectors, testers, sorters, samplers, and weighers.....	14	5	--	4	3	--	--
Inspectors, testers, sorters, samplers, and weighers.....	14	5	--	4	3	--	--
Packaging and filling machine operators and tenders.....	4	--	--	--	--	--	--
Packaging and filling machine operators and tenders.....	4	--	--	--	--	--	--
Painting workers.....	5	--	--	--	--	--	--
Painters, transportation equipment.....	3	--	--	--	--	--	--
Miscellaneous production workers.....	47	12	3	19	5	4	4
Paper goods machine setters, operators, and tenders.....	3	--	--	3	--	--	--
Helpers--production workers.....	8	--	--	--	--	--	--
Production workers, all other.....	33	10	--	12	4	3	--
Transportation and material moving occupations.....	1,511	1,082	89	199	76	53	11
Supervisors, transportation and material moving workers.....	25	13	3	4	3	--	--
First-line supervisors/managers of helpers, laborers, and material movers, hand.....	10	3	--	3	--	--	--
First-line supervisors/managers of helpers, laborers, and material movers, hand.....	10	3	--	3	--	--	--
First-line supervisors/managers of transportation and material-moving machine and vehicle operators.....	14	10	--	--	--	--	--
First-line supervisors/managers of transportation and material-moving machine and vehicle operators.....	14	10	--	--	--	--	--
Air transportation workers.....	109	109	--	--	--	--	--
Aircraft pilots and flight engineers.....	109	109	--	--	--	--	--
Airline pilots, copilots, and flight engineers.....	22	22	--	--	--	--	--
Commercial pilots.....	87	87	--	--	--	--	--
Motor vehicle operators.....	1,021	785	65	99	40	29	--
Bus drivers.....	19	15	--	--	--	--	--
Bus drivers, transit and intercity.....	14	10	--	--	--	--	--
Bus drivers, school.....	5	5	--	--	--	--	--
Driver/sales workers and truck drivers.....	918	727	26	97	38	28	--
Driver/sales workers.....	45	31	11	--	--	--	--
Truck drivers, heavy and tractor-trailer.....	779	616	15	90	32	24	--
Truck drivers, light or delivery services.....	94	80	--	6	5	3	--
Taxi drivers and chauffeurs.....	68	27	39	--	--	--	--
Taxi drivers and chauffeurs.....	68	27	39	--	--	--	--
Miscellaneous motor vehicle operators.....	15	15	--	--	--	--	--
Motor vehicle operators, all other.....	15	15	--	--	--	--	--
Rail transportation workers.....	21	20	--	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>					
		Transportation incidents <sup>3</sup>	Assaults and violent acts <sup>4</sup>	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Locomotive engineers and operators.....	8	8	--	--	--	--	--
Locomotive engineers.....	6	6	--	--	--	--	--
Railroad brake, signal, and switch operators.....	4	4	--	--	--	--	--
Railroad brake, signal, and switch operators.....	4	4	--	--	--	--	--
Railroad conductors and yardmasters.....	8	8	--	--	--	--	--
Railroad conductors and yardmasters.....	8	8	--	--	--	--	--
Water transportation workers.....	46	43	--	--	--	--	--
Sailors and marine oilers.....	39	39	--	--	--	--	--
Sailors and marine oilers.....	39	39	--	--	--	--	--
Ship and boat captains and operators.....	6	4	--	--	--	--	--
Captains, mates, and pilots of water vessels.....	6	4	--	--	--	--	--
Other transportation workers.....	16	3	8	--	--	3	--
Parking lot attendants.....	3	--	--	--	--	--	--
Parking lot attendants.....	3	--	--	--	--	--	--
Service station attendants.....	8	--	6	--	--	--	--
Service station attendants.....	8	--	6	--	--	--	--
Transportation inspectors.....	3	--	--	--	--	--	--
Transportation inspectors.....	3	--	--	--	--	--	--
Material moving workers.....	273	109	13	94	30	18	9
Crane and tower operators.....	15	--	--	10	3	--	--
Crane and tower operators.....	15	--	--	10	3	--	--
Dredge, excavating, and loading machine operators.....	14	6	--	7	--	--	--
Excavating and loading machine and dragline operators.....	12	5	--	6	--	--	--
Hoist and winch operators.....	3	--	--	3	--	--	--
Hoist and winch operators.....	3	--	--	3	--	--	--
Industrial truck and tractor operators.....	45	22	3	16	--	--	--
Industrial truck and tractor operators.....	45	22	3	16	--	--	--
Laborers and material movers, hand.....	144	48	8	46	25	11	6
Cleaners of vehicles and equipment.....	11	6	--	3	--	--	--
Laborers and freight, stock, and material movers, hand.....	127	41	7	40	23	10	6
Packers and packagers, hand.....	4	--	--	--	--	--	--
Pumping station operators.....	4	3	--	--	--	--	--
Wellhead pumpers.....	4	3	--	--	--	--	--
Refuse and recyclable material collectors.....	35	23	--	7	--	3	--
Refuse and recyclable material collectors.....	35	23	--	7	--	3	--
Miscellaneous material moving workers.....	9	5	--	4	--	--	--
Material moving workers, all other.....	9	5	--	4	--	--	--
Military specific occupations.....	71	50	7	5	--	7	--
Military officer special and tactical operations leaders/managers.....	9	9	--	--	--	--	--
Military officer special and tactical operations leaders/managers.....	9	9	--	--	--	--	--
First-line enlisted military supervisor/managers.....	6	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation <sup>1</sup>	Total fatalities (number)	Event or exposure <sup>2</sup>					
		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
First-line enlisted military supervisors/managers.....	6	--	--	--	--	--	--
First-line supervisors/managers of all other tactical operations specialists.....	4	--	--	--	--	--	--
Military enlisted tactical operations and air/weapons specialists and crew members.....	31	21	--	3	--	6	--
Military enlisted tactical operations and air/weapons specialists and crew members.....	31	21	--	3	--	6	--
Infantry.....	6	--	--	--	--	4	--
Military enlisted tactical operations and air/weapons specialists and crew members, all other.....	20	14	--	3	--	--	--

<sup>1</sup> Based on the 2000 Standard Occupational Classification System.

<sup>2</sup> Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

<sup>3</sup> Includes highway, nonhighway, air, water, rail fatalities, and fatalities resulting from being struck by a vehicle.

<sup>4</sup> Includes violence by persons, self-inflicted injury, and attacks by animals.

NOTE: Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. Data for 2004 are revised and final.

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