

TABLE A-3. Fatal occupational injuries by occupation and selected event or exposure (transportation incidents, assaults and violent acts, and contact with object and equipment), 2004

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)								
		Transportation incidents				Assaults and violent acts		Contact with object and equipment		
		Total ³	Highway incidents ⁴	Non-highway incidents	Worker struck by vehicle	Total ⁵	Homicides	Total	Struck by object	Caught in equipment or object
Total	5,764	43.2	24.3	5.9	6.6	14.0	9.7	17.5	10.4	4.7
Management occupations	637	42.9	17.0	21.5	1.9	17.6	8.9	20.6	11.9	5.8
Top executives	28	53.6	28.6	—	—	10.7	—	10.7	—	—
Chief executives	13	53.8	23.1	—	—	—	—	—	—	—
Chief executives	13	53.8	23.1	—	—	—	—	—	—	—
General and operations managers	15	53.3	33.3	—	—	—	—	—	—	—
General and operations managers	15	53.3	33.3	—	—	—	—	—	—	—
Advertising, marketing, promotions, public relations, and sales managers	20	60.0	50.0	—	—	25.0	15.0	—	—	—
Advertising and promotions managers	3	—	—	—	—	—	—	—	—	—
Advertising and promotions managers	3	—	—	—	—	—	—	—	—	—
Marketing and sales managers	16	68.8	62.5	—	—	25.0	18.8	—	—	—
Sales managers	14	64.3	64.3	—	—	28.6	21.4	—	—	—
Operations specialties managers	43	32.6	30.2	—	—	34.9	23.3	9.3	—	7.0
Administrative services managers	5	—	—	—	—	—	—	—	—	—
Administrative services managers	5	—	—	—	—	—	—	—	—	—
Financial managers	14	28.6	28.6	—	—	57.1	50.0	—	—	—
Financial managers	14	28.6	28.6	—	—	57.1	50.0	—	—	—
Human resources managers	3	—	—	—	—	—	—	—	—	—
Industrial production managers	11	—	—	—	—	36.4	—	27.3	—	27.3
Industrial production managers	11	—	—	—	—	36.4	—	27.3	—	27.3
Transportation, storage, and distribution managers	7	—	—	—	—	—	—	—	—	—
Transportation, storage, and distribution managers	7	—	—	—	—	—	—	—	—	—
Other management occupations	546	42.5	14.1	24.9	1.8	16.3	7.9	22.7	13.4	6.2
Agricultural managers	327	49.8	9.8	38.2	1.8	9.5	.9	29.7	18.0	8.6
Farm, ranch, and other agricultural managers	17	52.9	41.2	—	—	17.6	—	17.6	—	—
Farmers and ranchers	310	49.7	8.1	39.7	1.9	9.0	1.0	30.3	18.4	9.0
Construction managers	95	31.6	18.9	8.4	—	5.3	3.2	18.9	10.5	4.2
Construction managers	95	31.6	18.9	8.4	—	5.3	3.2	18.9	10.5	4.2
Education administrators	10	90.0	30.0	—	—	—	—	—	—	—
Education administrators, postsecondary	7	100.0	—	—	—	—	—	—	—	—
Food service managers	31	9.7	9.7	—	—	61.3	41.9	—	—	—
Food service managers	31	9.7	9.7	—	—	61.3	41.9	—	—	—
Lodging managers	11	27.3	27.3	—	—	54.5	54.5	—	—	—
Lodging managers	11	27.3	27.3	—	—	54.5	54.5	—	—	—
Property, real estate, and community association managers	18	16.7	—	—	—	55.6	38.9	—	—	—
Property, real estate, and community association managers	18	16.7	—	—	—	55.6	38.9	—	—	—
Miscellaneous managers	47	34.0	27.7	—	—	34.0	21.3	8.5	6.4	—
Managers, all other	47	34.0	27.7	—	—	34.0	21.3	8.5	6.4	—
Business and financial operations occupations	27	55.6	48.1	—	—	33.3	14.8	—	—	—
Business operations specialists	18	66.7	61.1	—	—	22.2	16.7	—	—	—
Buyers and purchasing agents	6	83.3	66.7	—	—	—	—	—	—	—
Wholesale and retail buyers, except farm products	3	100.0	—	—	—	—	—	—	—	—
Claims adjusters, appraisers, examiners, and investigators	5	60.0	60.0	—	—	—	—	—	—	—
Claims adjusters, examiners, and investigators	5	60.0	60.0	—	—	—	—	—	—	—
Financial specialists	9	33.3	—	—	—	55.6	—	—	—	—
Accountants and auditors	5	—	—	—	—	60.0	—	—	—	—
Accountants and auditors	5	—	—	—	—	60.0	—	—	—	—
Computer and mathematical occupations	7	71.4	57.1	—	—	—	—	—	—	—
Computer specialists	7	71.4	57.1	—	—	—	—	—	—	—
Architecture and engineering occupations	69	66.7	29.0	—	18.8	—	—	5.8	—	4.3

See footnotes at end of table.

TABLE A-3. Fatal occupational injuries by occupation and selected event or exposure (transportation incidents, assaults and violent acts, and contact with object and equipment), 2004 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)								
		Transportation incidents				Assaults and violent acts		Contact with object and equipment		
		Total ³	Highway incidents ⁴	Non-highway incidents	Worker struck by vehicle	Total ⁵	Homicides	Total	Struck by object	Caught in equipment or object
Architects, surveyors, and cartographers	6	66.7	—	—	—	—	—	—	—	—
Surveyors, cartographers, and photogrammetrists	6	66.7	—	—	—	—	—	—	—	—
Surveyors	6	66.7	—	—	—	—	—	—	—	—
Engineers	36	72.2	30.6	—	19.4	—	—	8.3	—	—
Civil engineers	10	80.0	—	—	60.0	—	—	—	—	—
Civil engineers	10	80.0	—	—	60.0	—	—	—	—	—
Electrical and electronics engineers	5	60.0	60.0	—	—	—	—	—	—	—
Electrical engineers	3	—	—	—	—	—	—	—	—	—
Mechanical engineers	6	—	—	—	—	—	—	—	—	—
Mechanical engineers	6	—	—	—	—	—	—	—	—	—
Miscellaneous engineers	6	83.3	—	—	—	—	—	—	—	—
Engineers, all other	6	83.3	—	—	—	—	—	—	—	—
Drafters, engineering, and mapping technicians	27	59.3	25.9	—	14.8	—	—	—	—	—
Drafters	4	—	—	—	—	—	—	—	—	—
Architectural and civil drafters	4	—	—	—	—	—	—	—	—	—
Engineering technicians, except drafters	20	60.0	25.0	—	15.0	—	—	—	—	—
Electrical and electronic engineering technicians	11	63.6	—	—	—	—	—	—	—	—
Engineering technicians, except drafters, all other	4	100.0	—	—	—	—	—	—	—	—
Surveying and mapping technicians	3	—	—	—	—	—	—	—	—	—
Surveying and mapping technicians	3	—	—	—	—	—	—	—	—	—
Life, physical, and social science occupations	25	64.0	32.0	—	—	16.0	—	20.0	—	—
Life scientists	11	72.7	27.3	—	—	—	—	—	—	—
Conservation scientists and foresters	6	83.3	—	—	—	—	—	—	—	—
Foresters	4	75.0	—	—	—	—	—	—	—	—
Physical scientists	4	—	—	—	—	—	—	—	—	—
Life, physical, and social science technicians ..	8	62.5	37.5	—	—	—	—	—	—	—
Community and social services occupations	43	53.5	34.9	—	7.0	27.9	25.6	—	—	—
Counselors, social workers, and other community and social service specialists	21	52.4	52.4	—	—	38.1	33.3	—	—	—
Counselors	7	—	—	—	—	57.1	57.1	—	—	—
Social workers	10	50.0	50.0	—	—	40.0	30.0	—	—	—
Child, family, and school social workers ..	3	—	—	—	—	—	—	—	—	—
Social workers, all other	3	—	—	—	—	—	—	—	—	—
Miscellaneous community and social service specialists	4	100.0	100.0	—	—	—	—	—	—	—
Religious workers	22	54.5	18.2	—	13.6	18.2	18.2	—	—	—
Clergy	11	36.4	—	—	—	36.4	36.4	—	—	—
Clergy	11	36.4	—	—	—	36.4	36.4	—	—	—
Directors, religious activities and education	4	—	—	—	—	—	—	—	—	—
Directors, religious activities and education	4	—	—	—	—	—	—	—	—	—
Miscellaneous religious workers	7	85.7	—	—	—	—	—	—	—	—
Religious workers, all other	7	85.7	—	—	—	—	—	—	—	—
Legal occupations	3	—	—	—	—	—	—	—	—	—
Lawyers, judges, and related workers	3	—	—	—	—	—	—	—	—	—
Education, training, and library occupations ..	27	55.6	29.6	—	—	11.1	—	—	—	—
Postsecondary teachers	7	71.4	—	—	—	—	—	—	—	—
Miscellaneous postsecondary teachers	3	100.0	—	—	—	—	—	—	—	—
Primary, secondary, and special education school teachers	12	41.7	41.7	—	—	—	—	—	—	—
Elementary and middle school teachers	6	—	—	—	—	—	—	—	—	—
Elementary school teachers, except special education	5	—	—	—	—	—	—	—	—	—
Secondary school teachers	5	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE A-3. Fatal occupational injuries by occupation and selected event or exposure (transportation incidents, assaults and violent acts, and contact with object and equipment), 2004 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)								
		Transportation incidents				Assaults and violent acts		Contact with object and equipment		
		Total ³	Highway incidents ⁴	Non-highway incidents	Worker struck by vehicle	Total ⁵	Homicides	Total	Struck by object	Caught in equipment or object
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	47.1	19.6	15.7	—	25.5	15.7	9.8	5.9	—
Art and design workers	8	—	—	—	—	50.0	—	—	—	—
Artists and related workers	3	—	—	—	—	—	—	—	—	—
Designers	5	—	—	—	—	—	—	—	—	—
Entertainers and performers, sports and related workers	32	50.0	15.6	25.0	—	18.8	12.5	12.5	9.4	—
Athletes, coaches, umpires, and related workers	23	56.5	13.0	34.8	—	—	—	13.0	—	—
Athletes and sports competitors	15	53.3	—	53.3	—	—	—	20.0	—	—
Coaches and scouts	7	71.4	42.9	—	—	—	—	—	—	—
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	44.4	—	—	—	33.3	33.3	—	—	—
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	—	—	—	—	—	—	—	—	—
Healthcare practitioners and technical occupations	72	55.6	26.4	—	4.2	23.6	12.5	—	—	—
Health diagnosing and treating practitioners	40	50.0	30.0	—	—	32.5	12.5	—	—	—
Pharmacists	3	—	—	—	—	—	—	—	—	—
Pharmacists	3	—	—	—	—	—	—	—	—	—
Physicians and surgeons	5	60.0	—	—	—	—	—	—	—	—
Physicians and surgeons, all other	5	60.0	—	—	—	—	—	—	—	—
Registered nurses	23	47.8	21.7	—	—	21.7	13.0	—	—	—
Registered nurses	23	47.8	21.7	—	—	21.7	13.0	—	—	—
Therapists	4	75.0	75.0	—	—	—	—	—	—	—
Veterinarians	3	—	—	—	—	—	—	—	—	—
Veterinarians	3	—	—	—	—	—	—	—	—	—
Health technologists and technicians	31	64.5	22.6	—	—	12.9	12.9	—	—	—
Emergency medical technicians and paramedics	19	89.5	21.1	—	—	—	—	—	—	—
Emergency medical technicians and paramedics	19	89.5	21.1	—	—	—	—	—	—	—
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	25.0	—	—	—	25.0	25.0	—	—	—
Nursing, psychiatric, and home health aides	9	33.3	—	—	—	—	—	—	—	—
Nursing, psychiatric, and home health aides	9	33.3	—	—	—	—	—	—	—	—
Home health aides	7	42.9	—	—	—	—	—	—	—	—
Other healthcare support occupations	3	—	—	—	—	—	—	—	—	—
Protective service occupations	273	46.5	30.8	1.5	12.5	38.5	30.8	4.4	2.9	—

See footnotes at end of table.

TABLE A-3. Fatal occupational injuries by occupation and selected event or exposure (transportation incidents, assaults and violent acts, and contact with object and equipment), 2004 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)								
		Transportation incidents				Assaults and violent acts		Contact with object and equipment		
		Total ³	Highway incidents ⁴	Non-highway incidents	Worker struck by vehicle	Total ⁵	Homicides	Total	Struck by object	Caught in equipment or object
First-line supervisors/managers, protective service workers	24	50.0	50.0	—	—	29.2	20.8	—	—	—
First-line supervisors/managers, law enforcement workers	10	50.0	50.0	—	—	50.0	40.0	—	—	—
First-line supervisors/managers of police and detectives	10	50.0	50.0	—	—	50.0	40.0	—	—	—
First-line supervisors/managers, fire fighting and prevention workers	10	50.0	50.0	—	—	—	—	—	—	—
First-line supervisors/managers of fire fighting and prevention workers	10	50.0	50.0	—	—	—	—	—	—	—
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	50.0	36.7	—	13.3	—	—	10.0	—	—
Fire fighters	29	48.3	34.5	—	13.8	—	—	10.3	—	—
Fire fighters	29	48.3	34.5	—	13.8	—	—	10.3	—	—
Law enforcement workers	136	54.4	41.2	—	8.8	39.0	33.1	—	—	—
Bailiffs, correctional officers, and jailers	5	—	—	—	—	—	—	—	—	—
Correctional officers and jailers	5	—	—	—	—	—	—	—	—	—
Detectives and criminal investigators	9	55.6	44.4	—	—	44.4	—	—	—	—
Detectives and criminal investigators	9	55.6	44.4	—	—	44.4	—	—	—	—
Police officers	121	54.5	42.1	—	9.1	39.7	34.7	—	—	—
Police and sheriff's patrol officers	121	54.5	42.1	—	9.1	39.7	34.7	—	—	—
Other protective service workers	83	31.3	6.0	3.6	21.7	51.8	38.6	6.0	3.6	—
Security guards and gaming surveillance officers	69	26.1	5.8	—	17.4	60.9	46.4	—	—	—
Security guards	67	25.4	6.0	—	16.4	61.2	47.8	—	—	—
Miscellaneous protective service workers	13	61.5	—	—	46.2	—	—	23.1	—	—
Crossing guards	7	100.0	—	—	85.7	—	—	—	—	—
Protective service workers, all other	4	—	—	—	—	—	—	—	—	—
Food preparation and serving related occupations	52	5.8	—	—	—	71.2	65.4	—	—	—
Supervisors, food preparation and serving workers	10	—	—	—	—	100.0	90.0	—	—	—
First-line supervisors/managers, food preparation and serving workers	10	—	—	—	—	100.0	90.0	—	—	—
First-line supervisors/managers of food preparation and serving workers	10	—	—	—	—	100.0	90.0	—	—	—
Cooks and food preparation workers	10	—	—	—	—	40.0	40.0	—	—	—
Cooks	9	—	—	—	—	33.3	33.3	—	—	—
Cooks, restaurant	5	—	—	—	—	—	—	—	—	—
Food and beverage serving workers	27	—	—	—	—	70.4	63.0	—	—	—
Bartenders	11	—	—	—	—	81.8	72.7	—	—	—
Bartenders	11	—	—	—	—	81.8	72.7	—	—	—
Fast food and counter workers	10	—	—	—	—	60.0	50.0	—	—	—
Combined food preparation and serving workers, including fast food	7	—	—	—	—	71.4	57.1	—	—	—
Counter attendants, cafeteria, food concession, and coffee shop	3	—	—	—	—	—	—	—	—	—
Waiters and waitresses	5	—	—	—	—	80.0	80.0	—	—	—
Waiters and waitresses	5	—	—	—	—	80.0	80.0	—	—	—
Other food preparation and serving related workers	5	—	—	—	—	80.0	80.0	—	—	—
Dining room and cafeteria attendants and bartender helpers	3	—	—	—	—	100.0	100.0	—	—	—
Dining room and cafeteria attendants and bartender helpers	3	—	—	—	—	100.0	100.0	—	—	—
Building and grounds cleaning and maintenance occupations	278	29.5	12.6	11.2	5.8	9.7	5.8	18.3	14.7	3.6

See footnotes at end of table.

TABLE A-3. Fatal occupational injuries by occupation and selected event or exposure (transportation incidents, assaults and violent acts, and contact with object and equipment), 2004 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)								
		Transportation incidents				Assaults and violent acts		Contact with object and equipment		
		Total ³	Highway incidents ⁴	Non-highway incidents	Worker struck by vehicle	Total ⁵	Homicides	Total	Struck by object	Caught in equipment or object
Supervisors, building and grounds cleaning and maintenance workers	43	34.9	18.6	9.3	7.0	7.0	—	30.2	30.2	—
First-line supervisors/managers, building and grounds cleaning and maintenance workers	43	34.9	18.6	9.3	7.0	7.0	—	30.2	30.2	—
First-line supervisors/managers of housekeeping and janitorial workers	6	50.0	—	—	—	—	—	—	—	—
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	37	32.4	16.2	10.8	—	—	—	32.4	32.4	—
Building cleaning and pest control workers	66	15.2	10.6	—	—	28.8	18.2	6.1	4.5	—
Building cleaning workers	63	14.3	9.5	—	—	30.2	19.0	6.3	4.8	—
Janitors and cleaners, except maids and housekeeping cleaners	47	19.1	12.8	—	—	25.5	14.9	6.4	—	—
Maids and housekeeping cleaners	15	—	—	—	—	46.7	33.3	—	—	—
Pest control workers	3	—	—	—	—	—	—	—	—	—
Pest control workers	3	—	—	—	—	—	—	—	—	—
Grounds maintenance workers	169	33.7	11.8	15.4	6.5	3.0	—	20.1	14.8	5.3
Grounds maintenance workers	169	33.7	11.8	15.4	6.5	3.0	—	20.1	14.8	5.3
Landscaping and groundskeeping workers	99	48.5	16.2	26.3	6.1	4.0	—	16.2	11.1	5.1
Tree trimmers and pruners	65	10.8	—	—	6.2	—	—	26.2	20.0	6.2
Grounds maintenance workers, all other	4	—	—	—	—	—	—	—	—	—
Personal care and service occupations	56	33.9	14.3	8.9	—	46.4	26.8	—	—	—
Supervisors, personal care and service workers	6	—	—	—	—	66.7	66.7	—	—	—
First-line supervisors/managers of personal service workers	6	—	—	—	—	66.7	66.7	—	—	—
First-line supervisors/managers of personal service workers	6	—	—	—	—	66.7	66.7	—	—	—
Animal care and service workers	11	36.4	—	—	—	63.6	—	—	—	—
Animal trainers	5	80.0	—	—	—	—	—	—	—	—
Animal trainers	5	80.0	—	—	—	—	—	—	—	—
Nonfarm animal caretakers	6	—	—	—	—	100.0	—	—	—	—
Nonfarm animal caretakers	6	—	—	—	—	100.0	—	—	—	—
Entertainment attendants and related workers	7	42.9	—	—	—	—	—	—	—	—
Miscellaneous entertainment attendants and related workers	7	42.9	—	—	—	—	—	—	—	—
Amusement and recreation attendants	6	50.0	—	—	—	—	—	—	—	—
Personal appearance workers	7	—	—	—	—	100.0	85.7	—	—	—
Barbers and cosmetologists	5	—	—	—	—	100.0	100.0	—	—	—
Barbers	3	—	—	—	—	100.0	100.0	—	—	—
Transportation, tourism, and lodging attendants	7	71.4	—	—	—	—	—	—	—	—
Tour and travel guides	5	60.0	—	—	—	—	—	—	—	—
Tour guides and escorts	5	60.0	—	—	—	—	—	—	—	—
Other personal care and service workers	17	29.4	23.5	—	—	29.4	23.5	—	—	—
Child care workers	6	50.0	50.0	—	—	—	—	—	—	—
Child care workers	6	50.0	50.0	—	—	—	—	—	—	—
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	29.6	21.1	1.1	4.2	55.2	47.3	3.1	2.3	.8
Supervisors, sales workers	159	11.3	6.3	—	2.5	70.4	58.5	5.0	3.8	—
First-line supervisors/managers, sales workers	159	11.3	6.3	—	2.5	70.4	58.5	5.0	3.8	—
First-line supervisors/managers of retail sales workers	131	9.2	5.3	—	—	77.1	65.6	3.8	3.1	—

See footnotes at end of table.

TABLE A-3. Fatal occupational injuries by occupation and selected event or exposure (transportation incidents, assaults and violent acts, and contact with object and equipment), 2004 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)								
		Transportation incidents				Assaults and violent acts		Contact with object and equipment		
		Total ³	Highway incidents ⁴	Non-highway incidents	Worker struck by vehicle	Total ⁵	Homicides	Total	Struck by object	Caught in equipment or object
First-line supervisors/managers of non-retail sales workers	28	21.4	10.7	—	—	39.3	25.0	10.7	—	—
Retail sales workers	101	15.8	9.9	—	5.0	68.3	63.4	—	—	—
Cashiers	54	—	—	—	—	92.6	87.0	—	—	—
Cashiers	54	—	—	—	—	92.6	87.0	—	—	—
Counter and rental clerks and parts salespersons	6	50.0	—	—	—	—	—	—	—	—
Counter and rental clerks	3	—	—	—	—	—	—	—	—	—
Parts salespersons	3	—	—	—	—	—	—	—	—	—
Retail salespersons	41	26.8	17.1	—	7.3	41.5	36.6	—	—	—
Retail salespersons	41	26.8	17.1	—	7.3	41.5	36.6	—	—	—
Sales representatives, services	21	71.4	57.1	—	—	19.0	—	—	—	—
Advertising sales agents	3	—	—	—	—	—	—	—	—	—
Advertising sales agents	3	—	—	—	—	—	—	—	—	—
Insurance sales agents	5	60.0	60.0	—	—	—	—	—	—	—
Insurance sales agents	5	60.0	60.0	—	—	—	—	—	—	—
Securities, commodities, and financial services sales agents	5	60.0	—	—	—	—	—	—	—	—
Securities, commodities, and financial services sales agents	5	60.0	—	—	—	—	—	—	—	—
Miscellaneous sales representatives, services	7	85.7	57.1	—	—	—	—	—	—	—
Sales representatives, services, all other	7	85.7	57.1	—	—	—	—	—	—	—
Sales representatives, wholesale and manufacturing	34	91.2	73.5	—	—	—	—	—	—	—
Sales representatives, wholesale and manufacturing	34	91.2	73.5	—	—	—	—	—	—	—
Sales representatives, wholesale and manufacturing, technical and scientific products	12	91.7	66.7	—	—	—	—	—	—	—
Sales representatives, wholesale and manufacturing, except technical and scientific products	22	90.9	77.3	—	—	—	—	—	—	—
Other sales and related workers	40	62.5	45.0	—	7.5	22.5	20.0	—	—	—
Real estate brokers and sales agents	11	45.5	—	—	—	45.5	36.4	—	—	—
Real estate brokers	5	—	—	—	—	80.0	60.0	—	—	—
Real estate sales agents	6	83.3	—	—	—	—	—	—	—	—
Miscellaneous sales and related workers	26	69.2	53.8	—	—	11.5	11.5	—	—	—
Door-to-door sales workers, news and street vendors, and related workers	22	72.7	54.5	—	—	13.6	13.6	—	—	—
Sales and related workers, all other	4	—	—	—	—	—	—	—	—	—
Office and administrative support occupations	91	51.6	39.6	3.3	7.7	27.5	20.9	8.8	4.4	—
Supervisors, office and administrative support workers	4	—	—	—	—	75.0	75.0	—	—	—
First-line supervisors/managers of office and administrative support workers	4	—	—	—	—	75.0	75.0	—	—	—
First-line supervisors/managers of office and administrative support workers	4	—	—	—	—	75.0	75.0	—	—	—
Financial clerks	8	37.5	—	—	—	50.0	50.0	—	—	—
Tellers	3	—	—	—	—	—	—	—	—	—
Tellers	3	—	—	—	—	—	—	—	—	—
Information and record clerks	9	33.3	33.3	—	—	55.6	44.4	—	—	—
Receptionists and information clerks	4	—	—	—	—	75.0	—	—	—	—
Receptionists and information clerks	4	—	—	—	—	75.0	—	—	—	—
Material recording, scheduling, dispatching, and distributing workers	50	62.0	52.0	—	6.0	12.0	6.0	12.0	6.0	—
Couriers and messengers	17	88.2	76.5	—	—	—	—	—	—	—
Couriers and messengers	17	88.2	76.5	—	—	—	—	—	—	—
Postal service workers	14	71.4	71.4	—	—	—	—	—	—	—
Postal service mail carriers	11	90.9	90.9	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE A-3. Fatal occupational injuries by occupation and selected event or exposure (transportation incidents, assaults and violent acts, and contact with object and equipment), 2004 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)								
		Transportation incidents				Assaults and violent acts		Contact with object and equipment		
		Total ³	Highway incidents ⁴	Non-highway incidents	Worker struck by vehicle	Total ⁵	Homicides	Total	Struck by object	Caught in equipment or object
Stock clerks and order fillers	14	28.6	—	—	—	—	—	—	—	—
Stock clerks and order fillers	14	28.6	—	—	—	—	—	—	—	—
Secretaries and administrative assistants	6	—	—	—	—	66.7	66.7	—	—	—
Secretaries and administrative assistants	6	—	—	—	—	66.7	66.7	—	—	—
Secretaries, except legal, medical, and executive	4	—	—	—	—	75.0	75.0	—	—	—
Other office and administrative support workers	14	50.0	28.6	—	—	21.4	—	—	—	—
Office clerks, general	7	42.9	—	—	—	—	—	—	—	—
Office clerks, general	7	42.9	—	—	—	—	—	—	—	—
Farming, fishing, and forestry occupations	285	47.4	17.9	11.2	6.7	5.6	1.4	33.7	26.0	6.7
Supervisors, farming, fishing, and forestry workers	11	63.6	36.4	—	—	—	—	—	—	—
First-line supervisors/managers of farming, fishing, and forestry workers	11	63.6	36.4	—	—	—	—	—	—	—
First-line supervisors/managers of farming, fishing, and forestry workers	8	50.0	—	—	—	—	—	—	—	—
Farm labor contractors	3	100.0	—	—	—	—	—	—	—	—
Agricultural workers	145	53.8	23.4	20.0	9.7	9.0	2.1	17.2	8.3	6.9
Miscellaneous agricultural workers	142	54.2	23.9	19.7	9.9	8.5	2.1	17.6	8.5	7.0
Agricultural equipment operators	11	63.6	27.3	27.3	—	—	—	27.3	—	—
Farmworkers and laborers, crop, nursery, and greenhouse	84	59.5	27.4	19.0	11.9	6.0	—	19.0	8.3	7.1
Farmworkers, farm and ranch animals	42	42.9	19.0	16.7	7.1	14.3	—	11.9	7.1	—
Agricultural workers, all other	5	—	—	—	—	—	—	—	—	—
Fishing and hunting workers	40	82.5	—	—	—	—	—	—	—	—
Fishers and related fishing workers	40	82.5	—	—	—	—	—	—	—	—
Fishers and related fishing workers	40	82.5	—	—	—	—	—	—	—	—
Forest, conservation, and logging workers	89	19.1	13.5	—	3.4	—	—	75.3	66.3	9.0
Logging workers	85	15.3	9.4	—	3.5	—	—	78.8	69.4	9.4
Fallers	55	7.3	5.5	—	—	—	—	89.1	85.5	—
Logging equipment operators	13	46.2	30.8	—	—	—	—	46.2	23.1	23.1
Logging workers, all other	17	17.6	—	—	—	—	—	70.6	52.9	17.6
Construction and extraction occupations	1,138	22.1	9.8	3.3	7.6	2.8	1.5	22.8	12.0	3.7
Supervisors, construction and extraction workers	116	32.8	17.2	4.3	9.5	2.6	—	25.9	12.1	7.8
First-line supervisors/managers of construction trades and extraction workers ..	116	32.8	17.2	4.3	9.5	2.6	—	25.9	12.1	7.8
First-line supervisors/managers of construction trades and extraction workers	116	32.8	17.2	4.3	9.5	2.6	—	25.9	12.1	7.8
Construction trades workers	879	19.0	8.3	3.2	6.6	3.1	1.8	20.9	11.6	2.0
Boilermakers	4	—	—	—	—	—	—	—	—	—
Boilermakers	4	—	—	—	—	—	—	—	—	—
Brickmasons, blockmasons, and stonemasons	18	22.2	16.7	—	—	—	—	—	—	—
Brickmasons and blockmasons	18	22.2	16.7	—	—	—	—	—	—	—
Carpenters	111	8.1	3.6	—	2.7	3.6	—	19.8	10.8	2.7
Carpenters	111	8.1	3.6	—	2.7	3.6	—	19.8	10.8	2.7
Carpet, floor, and tile installers and finishers	7	—	—	—	—	—	—	—	—	—
Carpet installers	3	—	—	—	—	—	—	—	—	—
Cement masons, concrete finishers, and terrazzo workers	14	35.7	—	—	—	—	—	—	—	—
Cement masons and concrete finishers ...	14	35.7	—	—	—	—	—	—	—	—
Construction laborers	296	22.6	8.8	2.4	11.1	2.0	2.0	31.8	16.2	3.0
Construction laborers	296	22.6	8.8	2.4	11.1	2.0	2.0	31.8	16.2	3.0
Construction equipment operators	72	55.6	15.3	22.2	15.3	—	—	34.7	20.8	4.2
Paving, surfacing, and tamping equipment operators	9	100.0	—	44.4	33.3	—	—	—	—	—
Operating engineers and other construction equipment operators	61	50.8	14.8	19.7	13.1	—	—	39.3	24.6	4.9

See footnotes at end of table.

TABLE A-3. Fatal occupational injuries by occupation and selected event or exposure (transportation incidents, assaults and violent acts, and contact with object and equipment), 2004 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)								
		Transportation incidents				Assaults and violent acts		Contact with object and equipment		
		Total ³	Highway incidents ⁴	Non-highway incidents	Worker struck by vehicle	Total ⁵	Homicides	Total	Struck by object	Caught in equipment or object
Drywall installers, ceiling tile installers, and tapers	13	—	—	—	—	—	—	—	—	—
Drywall and ceiling tile installers	13	—	—	—	—	—	—	—	—	—
Electricians	94	14.9	11.7	—	—	3.2	—	3.2	—	—
Electricians	94	14.9	11.7	—	—	3.2	—	3.2	—	—
Glaziers	4	—	—	—	—	—	—	—	—	—
Glaziers	4	—	—	—	—	—	—	—	—	—
Painters and paperhangers	62	8.1	—	—	—	6.5	4.8	6.5	—	—
Painters, construction and maintenance ..	61	8.2	—	—	—	6.6	4.9	6.6	—	—
Pipelayers, plumbers, pipefitters, and steamfitters	37	21.6	13.5	—	—	—	—	37.8	18.9	—
Pipelayers	10	—	—	—	—	—	—	70.0	40.0	—
Plumbers, pipefitters, and steamfitters	27	29.6	18.5	—	—	—	—	25.9	11.1	—
Plasterers and stucco masons	3	—	—	—	—	—	—	—	—	—
Plasterers and stucco masons	3	—	—	—	—	—	—	—	—	—
Reinforcing iron and rebar workers	3	—	—	—	—	—	—	—	—	—
Reinforcing iron and rebar workers	3	—	—	—	—	—	—	—	—	—
Roofers	95	10.5	7.4	—	—	—	—	—	—	—
Roofers	95	10.5	7.4	—	—	—	—	—	—	—
Sheet metal workers	14	—	—	—	—	—	—	—	—	—
Sheet metal workers	14	—	—	—	—	—	—	—	—	—
Structural iron and steel workers	31	—	—	—	—	—	—	38.7	29.0	—
Structural iron and steel workers	31	—	—	—	—	—	—	38.7	29.0	—
Helpers, construction trades	21	14.3	—	—	—	—	—	23.8	—	—
Helpers, construction trades	21	14.3	—	—	—	—	—	23.8	—	—
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters	3	—	—	—	—	—	—	—	—	—
Helpers--electricians	10	—	—	—	—	—	—	—	—	—
Helpers--pipelayers, plumbers, pipefitters, and steamfitters	3	—	—	—	—	—	—	—	—	—
Helpers, construction trades, all other	4	—	—	—	—	—	—	—	—	—
Other construction and related workers	45	53.3	13.3	—	31.1	—	—	11.1	—	—
Construction and building inspectors	8	62.5	—	—	—	—	—	—	—	—
Construction and building inspectors	8	62.5	—	—	—	—	—	—	—	—
Elevator installers and repairers	6	—	—	—	—	—	—	—	—	—
Elevator installers and repairers	6	—	—	—	—	—	—	—	—	—
Highway maintenance workers	21	85.7	19.0	—	52.4	—	—	—	—	—
Highway maintenance workers	21	85.7	19.0	—	52.4	—	—	—	—	—
Miscellaneous construction and related workers	7	—	—	—	—	—	—	—	—	—
Construction and related workers, all other	6	—	—	—	—	—	—	—	—	—
Extraction workers	77	26.0	13.0	3.9	—	—	—	46.8	22.1	16.9
Derrick, rotary drill, and service unit operators, oil, gas, and mining	15	20.0	20.0	—	—	—	—	33.3	26.7	—
Derrick operators, oil and gas	6	—	—	—	—	—	—	—	—	—
Rotary drill operators, oil and gas	8	—	—	—	—	—	—	37.5	37.5	—
Earth drillers, except oil and gas	8	—	—	—	—	—	—	—	—	—
Earth drillers, except oil and gas	8	—	—	—	—	—	—	—	—	—
Mining machine operators	20	40.0	20.0	—	—	—	—	55.0	15.0	30.0
Continuous mining machine operators	4	—	—	—	—	—	—	—	—	—
Mining machine operators, all other	15	40.0	26.7	—	—	—	—	53.3	—	33.3
Roof bolters, mining	3	—	—	—	—	—	—	—	—	—
Roof bolters, mining	3	—	—	—	—	—	—	—	—	—
Roustabouts, oil and gas	7	—	—	—	—	—	—	100.0	71.4	—
Roustabouts, oil and gas	7	—	—	—	—	—	—	100.0	71.4	—
Helpers--extraction workers	3	—	—	—	—	—	—	—	—	—
Helpers--extraction workers	3	—	—	—	—	—	—	—	—	—
Miscellaneous extraction workers	18	—	—	—	—	—	—	44.4	22.2	16.7
Extraction workers, all other	18	—	—	—	—	—	—	44.4	22.2	16.7

See footnotes at end of table.

TABLE A-3. Fatal occupational injuries by occupation and selected event or exposure (transportation incidents, assaults and violent acts, and contact with object and equipment), 2004 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)								
		Transportation incidents				Assaults and violent acts		Contact with object and equipment		
		Total ³	Highway incidents ⁴	Non-highway incidents	Worker struck by vehicle	Total ⁵	Homicides	Total	Struck by object	Caught in equipment or object
Installation, maintenance, and repair occupations	384	19.3	10.7	1.3	5.7	9.1	4.9	27.1	16.9	9.1
Supervisors of installation, maintenance, and repair workers	43	11.6	7.0	—	—	18.6	14.0	27.9	20.9	—
First-line supervisors/managers of mechanics, installers, and repairers	43	11.6	7.0	—	—	18.6	14.0	27.9	20.9	—
First-line supervisors/managers of mechanics, installers, and repairers	43	11.6	7.0	—	—	18.6	14.0	27.9	20.9	—
Electrical and electronic equipment mechanics, installers, and repairers	13	23.1	—	—	—	23.1	—	—	—	—
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	—	—	—	—	—	—	—	—	—
Electric motor, power tool, and related repairers	3	—	—	—	—	—	—	—	—	—
Vehicle and mobile equipment mechanics, installers, and repairers	122	18.9	9.8	2.5	4.1	16.4	7.4	41.0	31.1	8.2
Aircraft mechanics and service technicians	4	—	—	—	—	—	—	—	—	—
Aircraft mechanics and service technicians	4	—	—	—	—	—	—	—	—	—
Automotive technicians and repairers	51	9.8	—	—	5.9	37.3	15.7	31.4	23.5	5.9
Automotive body and related repairers	11	—	—	—	—	45.5	36.4	36.4	—	—
Automotive service technicians and mechanics	39	7.7	—	—	—	35.9	10.3	30.8	25.6	—
Bus and truck mechanics and diesel engine specialists	22	31.8	18.2	—	—	—	—	54.5	36.4	18.2
Bus and truck mechanics and diesel engine specialists	22	31.8	18.2	—	—	—	—	54.5	36.4	18.2
Heavy vehicle and mobile equipment service technicians and mechanics	26	15.4	11.5	—	—	—	—	53.8	38.5	11.5
Farm equipment mechanics	5	—	—	—	—	—	—	—	—	—
Mobile heavy equipment mechanics, except engines	19	—	—	—	—	—	—	57.9	47.4	—
Small engine mechanics	3	100.0	—	—	—	—	—	—	—	—
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	16	—	—	—	—	—	—	43.8	43.8	—
Tire repairers and changers	16	—	—	—	—	—	—	43.8	43.8	—
Other installation, maintenance, and repair occupations	206	20.9	12.1	—	6.8	1.9	—	19.9	8.7	10.7
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	—	—	—	—	—	—	—	—	—
Heating, air conditioning, and refrigeration mechanics and installers	24	—	—	—	—	—	—	—	—	—
Industrial machinery installation, repair, and maintenance workers	91	20.9	11.0	—	6.6	—	—	30.8	9.9	19.8
Industrial machinery mechanics	39	28.2	15.4	—	—	—	—	30.8	15.4	15.4
Maintenance and repair workers, general	39	20.5	10.3	—	10.3	—	—	17.9	—	15.4
Maintenance workers, machinery	6	—	—	—	—	—	—	83.3	—	66.7

See footnotes at end of table.

TABLE A-3. Fatal occupational injuries by occupation and selected event or exposure (transportation incidents, assaults and violent acts, and contact with object and equipment), 2004 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)								
		Transportation incidents				Assaults and violent acts		Contact with object and equipment		
		Total ³	Highway incidents ⁴	Non-highway incidents	Worker struck by vehicle	Total ⁵	Homicides	Total	Struck by object	Caught in equipment or object
Millwrights	7	—	—	—	—	—	—	57.1	—	—
Line installers and repairers	50	20.0	16.0	—	—	—	—	6.0	—	—
Electrical power-line installers and repairers	36	22.2	19.4	—	—	—	—	—	—	—
Telecommunications line installers and repairers	14	—	—	—	—	—	—	—	—	—
Miscellaneous installation, maintenance, and repair workers	35	25.7	8.6	—	14.3	8.6	—	20.0	14.3	—
Coin, vending, and amusement machine servicers and repairers	5	60.0	—	—	—	—	—	—	—	—
Locksmiths and safe repairers	3	—	—	—	—	—	—	—	—	—
Manufactured building and mobile home installers	3	—	—	—	—	—	—	100.0	100.0	—
Riggers	4	—	—	—	—	—	—	—	—	—
Helpers--installation, maintenance, and repair workers	3	—	—	—	—	—	—	—	—	—
Installation, maintenance, and repair workers, all other	15	20.0	—	—	—	—	—	—	—	—
Production occupations	290	16.6	7.2	2.4	3.4	12.1	5.2	38.3	15.5	21.7
Transportation and material moving occupations	1,511	71.6	46.9	3.7	8.3	5.9	4.8	13.2	8.8	3.4
Supervisors, production workers	37	18.9	10.8	—	—	13.5	8.1	37.8	13.5	21.6
First-line supervisors/managers of production and operating workers	37	18.9	10.8	—	—	13.5	8.1	37.8	13.5	21.6
First-line supervisors/managers of production and operating workers	37	18.9	10.8	—	—	13.5	8.1	37.8	13.5	21.6
Assemblers and fabricators	19	—	—	—	—	—	—	31.6	21.1	—
Miscellaneous assemblers and fabricators ..	14	—	—	—	—	—	—	21.4	—	—
Assemblers and fabricators, all other	14	—	—	—	—	—	—	21.4	—	—
Food processing workers	13	—	—	—	—	38.5	—	—	—	—
Butchers and other meat, poultry, and fish processing workers	10	—	—	—	—	50.0	—	—	—	—
Slaughterers and meat packers	8	—	—	—	—	62.5	—	—	—	—
Metal workers and plastic workers	85	16.5	4.7	3.5	—	9.4	3.5	44.7	27.1	16.5
Machine tool cutting setters, operators, and tenders, metal and plastic	4	—	—	—	—	—	—	100.0	—	75.0
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and Plastic	3	—	—	—	—	—	—	100.0	—	100.0
Machinists	10	—	—	—	—	—	—	60.0	40.0	—
Machinists	10	—	—	—	—	—	—	60.0	40.0	—
Metal furnace and kiln operators and tenders	6	—	—	—	—	—	—	—	—	—
Metal-refining furnace operators and tenders	6	—	—	—	—	—	—	—	—	—
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	14.6	—	—	—	10.4	—	41.7	29.2	10.4
Welders, cutters, solderers, and brazers	46	15.2	—	—	—	10.9	—	39.1	26.1	10.9
Miscellaneous metalworkers and plastic workers	10	60.0	—	—	—	—	—	—	—	—
Metal workers and plastic workers, all other	8	75.0	—	—	—	—	—	—	—	—
Printing workers	4	—	—	—	—	—	—	—	—	—
Printers	3	—	—	—	—	—	—	—	—	—
Textile, apparel, and furnishings workers	7	—	—	—	—	—	—	—	—	—
Woodworkers	15	20.0	—	—	—	—	—	66.7	26.7	33.3
Cabinetmakers and bench carpenters	3	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

TABLE A-3. Fatal occupational injuries by occupation and selected event or exposure (transportation incidents, assaults and violent acts, and contact with object and equipment), 2004 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)								
		Transportation incidents				Assaults and violent acts		Contact with object and equipment		
		Total ³	Highway incidents ⁴	Non-highway incidents	Worker struck by vehicle	Total ⁵	Homicides	Total	Struck by object	Caught in equipment or object
Cabinetmakers and bench carpenters	3	-	-	-	-	-	-	-	-	-
Woodworking machine setters, operators, and tenders	12	-	-	-	-	-	-	66.7	-	41.7
Sawing machine setters, operators, and tenders, wood	9	-	-	-	-	-	-	66.7	-	44.4
Woodworking machine setters, operators, and tenders, except sawing	3	-	-	-	-	-	-	-	-	-
Plant and system operators	14	-	-	-	-	28.6	-	-	-	-
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	19.8	8.3	3.1	5.2	10.4	4.2	39.6	9.4	30.2
Chemical processing machine setters, operators, and tenders	7	-	-	-	-	-	-	-	-	-
Chemical equipment operators and tenders	6	-	-	-	-	-	-	-	-	-
Crushing, grinding, polishing, mixing, and blending workers	9	-	-	-	-	-	-	66.7	-	55.6
Crushing, grinding, and polishing machine setters, operators, and tenders ..	4	-	-	-	-	-	-	75.0	-	-
Mixing and blending machine setters, operators, and tenders	4	-	-	-	-	-	-	75.0	-	75.0
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	35.7	-	-	21.4	-	-	28.6	-	21.4
Inspectors, testers, sorters, samplers, and weighers	14	35.7	-	-	21.4	-	-	28.6	-	21.4
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	25.5	10.6	6.4	-	6.4	-	40.4	10.6	29.8
Paper goods machine setters, operators, and tenders	3	-	-	-	-	-	-	100.0	-	100.0
Helpers--production workers	8	-	-	-	-	-	-	-	-	-
Production workers, all other	33	30.3	9.1	9.1	-	-	-	36.4	12.1	24.2
Supervisors, transportation and material moving workers	25	52.0	16.0	-	24.0	12.0	-	16.0	-	-
First-line supervisors/managers of helpers, laborers, and material movers, hand	10	30.0	-	-	-	-	-	30.0	-	-
First-line supervisors/managers of helpers, laborers, and material movers, hand	10	30.0	-	-	-	-	-	30.0	-	-
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	14	71.4	28.6	-	28.6	-	-	-	-	-
First-line supervisors/managers of transportation and material-moving machine and vehicle operators	14	71.4	28.6	-	28.6	-	-	-	-	-
Air transportation workers	109	100.0	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE A-3. Fatal occupational injuries by occupation and selected event or exposure (transportation incidents, assaults and violent acts, and contact with object and equipment), 2004 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)								
		Transportation incidents				Assaults and violent acts		Contact with object and equipment		
		Total ³	Highway incidents ⁴	Non-highway incidents	Worker struck by vehicle	Total ⁵	Homicides	Total	Struck by object	Caught in equipment or object
Aircraft pilots and flight engineers	109	100.0	—	—	—	—	—	—	—	—
Airline pilots, copilots, and flight engineers	22	100.0	—	—	—	—	—	—	—	—
Commercial pilots	87	100.0	—	—	—	—	—	—	—	—
Motor vehicle operators	1,021	76.9	65.5	1.6	7.8	6.4	5.7	9.7	7.9	1.5
Bus drivers	19	78.9	63.2	—	15.8	—	—	—	—	—
Bus drivers, transit and intercity	14	71.4	64.3	—	—	—	—	—	—	—
Bus drivers, school	5	100.0	60.0	—	—	—	—	—	—	—
Driver/sales workers and truck drivers	918	79.2	67.3	1.7	8.1	2.8	2.2	10.6	8.7	1.5
Driver/sales workers	45	68.9	60.0	—	8.9	24.4	22.2	—	—	—
Truck drivers, heavy and tractor-trailer	779	79.1	66.5	1.7	8.5	1.9	1.3	11.6	9.4	1.8
Truck drivers, light or delivery services	94	85.1	77.7	3.2	4.3	—	—	6.4	6.4	—
Taxi drivers and chauffeurs	68	39.7	35.3	—	4.4	57.4	55.9	—	—	—
Taxi drivers and chauffeurs	68	39.7	35.3	—	4.4	57.4	55.9	—	—	—
Miscellaneous motor vehicle operators	15	100.0	93.3	—	—	—	—	—	—	—
Motor vehicle operators, all other	15	100.0	93.3	—	—	—	—	—	—	—
Rail transportation workers	21	95.2	—	—	28.6	—	—	—	—	—
Locomotive engineers and operators	8	100.0	—	—	—	—	—	—	—	—
Locomotive engineers	6	100.0	—	—	—	—	—	—	—	—
Railroad brake, signal, and switch operators	4	100.0	—	—	—	—	—	—	—	—
Railroad brake, signal, and switch operators	4	100.0	—	—	—	—	—	—	—	—
Railroad conductors and yardmasters	8	100.0	—	—	—	—	—	—	—	—
Railroad conductors and yardmasters	8	100.0	—	—	—	—	—	—	—	—
Water transportation workers	46	93.5	—	—	—	—	—	—	—	—
Sailors and marine oilers	39	100.0	—	—	—	—	—	—	—	—
Sailors and marine oilers	39	100.0	—	—	—	—	—	—	—	—
Ship and boat captains and operators	6	66.7	—	—	—	—	—	—	—	—
Captains, mates, and pilots of water vessels	6	66.7	—	—	—	—	—	—	—	—
Other transportation workers	16	18.8	—	—	—	50.0	37.5	—	—	—
Parking lot attendants	3	—	—	—	—	—	—	—	—	—
Parking lot attendants	3	—	—	—	—	—	—	—	—	—
Service station attendants	8	—	—	—	—	75.0	62.5	—	—	—
Service station attendants	8	—	—	—	—	75.0	62.5	—	—	—
Transportation inspectors	3	—	—	—	—	—	—	—	—	—
Transportation inspectors	3	—	—	—	—	—	—	—	—	—
Material moving workers	273	39.9	11.4	13.9	11.7	4.8	2.6	34.4	17.6	12.5
Crane and tower operators	15	—	—	—	—	—	—	66.7	53.3	—
Crane and tower operators	15	—	—	—	—	—	—	66.7	53.3	—
Dredge, excavating, and loading machine operators	14	42.9	—	28.6	—	—	—	50.0	35.7	—
Excavating and loading machine and dragline operators	12	41.7	—	33.3	—	—	—	50.0	33.3	—
Hoist and winch operators	3	—	—	—	—	—	—	100.0	—	—
Hoist and winch operators	3	—	—	—	—	—	—	100.0	—	—
Industrial truck and tractor operators	45	48.9	—	44.4	—	6.7	—	35.6	13.3	22.2
Industrial truck and tractor operators	45	48.9	—	44.4	—	6.7	—	35.6	13.3	22.2
Laborers and material movers, hand	144	33.3	11.8	6.9	11.8	5.6	2.8	31.9	14.6	11.1
Cleaners of vehicles and equipment	11	54.5	36.4	—	—	—	—	27.3	—	27.3
Laborers and freight, stock, and material movers, hand	127	32.3	9.4	7.9	12.6	5.5	2.4	31.5	16.5	7.9
Packers and packagers, hand	4	—	—	—	—	—	—	—	—	—
Pumping station operators	4	75.0	75.0	—	—	—	—	—	—	—
Wellhead pumpers	4	75.0	75.0	—	—	—	—	—	—	—
Refuse and recyclable material collectors	35	65.7	28.6	—	31.4	—	—	20.0	14.3	—
Refuse and recyclable material collectors	35	65.7	28.6	—	31.4	—	—	20.0	14.3	—
Miscellaneous material moving workers	9	55.6	—	—	—	—	—	44.4	—	—
Material moving workers, all other	9	55.6	—	—	—	—	—	44.4	—	—
Military specific occupations	71	70.4	22.5	4.2	—	9.9	—	7.0	4.2	—

See footnotes at end of table.

TABLE A-3. Fatal occupational injuries by occupation and selected event or exposure (transportation incidents, assaults and violent acts, and contact with object and equipment), 2004 — Continued

Occupation ¹	Total fatalities (number)	Event or exposure ² (percent)								
		Transportation incidents				Assaults and violent acts		Contact with object and equipment		
		Total ³	Highway incidents ⁴	Non-highway incidents	Worker struck by vehicle	Total ⁵	Homicides	Total	Struck by object	Caught in equipment or object
Military officer special and tactical operations leaders/managers	9	100.0	44.4	—	—	—	—	—	—	—
Military officer special and tactical operations leaders/managers	9	100.0	44.4	—	—	—	—	—	—	—
First-line enlisted military supervisor/managers	6	—	—	—	—	—	—	—	—	—
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	67.7	29.0	—	—	—	—	9.7	—	—
Military enlisted tactical operations and air/weapons specialists and crew members	31	67.7	29.0	—	—	—	—	9.7	—	—
Infantry	6	—	—	—	—	—	—	—	—	—
Military enlisted tactical operations and air/weapons specialists and crew members, all other	20	70.0	30.0	—	—	—	—	15.0	—	—

¹ Based on the 2000 Standard Occupational Classification System

² Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

³ Includes highway, nonhighway, air, water, and rail fatalities.

⁴ "Highway" includes deaths to vehicle occupants resulting from traffic incidents that occur on the public roadway, shoulder, or surrounding area. It excludes incidents occurring entirely off the roadway, such as in parking lots and on farms; incidents involving trains; and deaths to pedestrians or other non-passengers.

⁵ Includes violence by persons, self-inflicted injury, and assaults by animals.

NOTE: Totals for 2004 are revised and final. 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. There were 7 fatalities for which there was insufficient information to determine a specific occupation classification.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with state, New York City, District of Columbia, and Federal agencies, Census of Fatal Occupational Injuries.