TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Total	4693	791	1937	144	681	419	710
Management occupations	467	115	193	10	40	18	90
Top executives	31	11	10		6		3
Chief executives	22	6	8		6		
Chief executives	22	6	8		6		
General and operations managers	9	5					
General and operations managers	9	5					
Advertising, marketing, promotions, public relations, and sales managers	7		3				
Marketing and sales managers	7		3				
Sales managers	5		3				
Operations specialties managers	27	13	8	1			
Administrative services managers	6	4					
Administrative services managers	6	4					
Computer and information systems managers	4						
Computer and information systems managers	4						
Financial managers	6	3	3				
Financial managers	6	3	3				
Industrial production managers	7		3				
Industrial production managers	7		3				

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Transportation, storage, and distribution managers	3			1			
Transportation, storage, and distribution managers	3			1			
Other management occupations	402	89	172	8	31	15	86
Farmers, ranchers, and other agricultural managers	268	20	145	5	20	9	68
Farmers, ranchers, and other agricultural managers	268	20	145	5	20	9	68
Construction managers	21	4	10		4		3
Construction managers	21	4	10		4		3
Education administrators	8	4					1
Education administrators, elementary and secondary school	4	3					
Education administrators, postsecondary	2		1				1
Food service managers	28	21		2		1	
Food service managers	28	21		2		1	
Lodging managers	9	6					
Lodging managers	9	6					
Medical and health services managers	6	3					
Medical and health services managers	6	3					
Property, real estate, and community association managers	15	11	1				
Property, real estate, and community association managers	15	11	1				
Social and community service managers	6			1	3		
Social and community service managers	6			1	3		
Miscellaneous managers	40	19	10				10
Business and financial operations occupations	30	10	17				

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Business operations specialists	18		14				
Compliance officers	3		3				
Compliance officers	3		3				
Cost estimators	1		1				
Cost estimators	1		1				
Human resources workers	4		3				
Labor relations specialists			1				
Training and development specialists	3		3				
Training and development specialists	3		3				
Financial specialists	12	8	3				
Accountants and auditors	7	5	1				
Accountants and auditors	7	5	1				
Miscellaneous financial specialists	2	1	1				
Computer and mathematical occupations	5						
Computer occupations	3	1					
Computer and information analysts	1	1					
Computer systems analysts	1	1					
Architecture and engineering occupations	38	7	23		3		
Architects, surveyors, and cartographers	6	1	4		1		
Architects, except naval	3	1	1		1		
Architects, except landscape and naval	3	1	1		1		
Surveyors, cartographers, and photogrammetrists	3		3				

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Surveyors	3		3				
Engineers	25	4	18				
Civil engineers	9		7				
Civil engineers	9		7				
Electrical and electronics engineers	4		3				
Electrical engineers			1				
Industrial engineers, including health and safety	1		1				
Industrial engineers	1		1				
Mechanical engineers	4		1				
Mechanical engineers	4		1				
Mining and geological engineers, including mining safety engineers			1				
Mining and geological engineers, including mining safety engineers			1				
Miscellaneous engineers	1		1				
Drafters, engineering technicians, and mapping technicians	7						
Engineering technicians, except drafters	6						
Electrical and electronic engineering technicians	4						
Life, physical, and social science occupations	23		7	4	5		3
Life scientists	7		4				
Agricultural and food scientists	3		1				
Soil and plant scientists	3		1				
Conservation scientists and foresters	3						

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Physical scientists	5			3			
Chemists and materials scientists	3			3			
Social scientists and related workers						1	
Psychologists	1					1	
Clinical, counseling, and school psychologists	1					1	
Life, physical, and social science technicians	9		1	1			3
Nuclear technicians	1						1
Nuclear technicians	1						1
Miscellaneous life, physical, and social science technicians	3		1	1			
Environmental science and protection technicians, including health	1		1				
Community and social services occupations	23	10	11				
Counselors, social workers, and other community and social service specialists	17	7	8				
Counselors	3						
Substance abuse and behavioral disorder counselors	1						
Mental health counselors		1					
Social workers	7		4				
Child, family, and school social workers	4		3				
Miscellaneous community and social service specialists	7	4	3				
Probation officers and correctional treatment specialists	3						
Social and human service assistants	1	1					
Religious workers	6	3	3				

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Clergy	5	3					
Clergy	5	3					
Miscellaneous religious workers	1		1				
Legal occupations	14	8	3				
Lawyers, judges, and related workers	14	8	3				
Lawyers and judicial law clerks	14	8	3				
Lawyers	14	8	3				
Education, training, and library occupations	37	10	14		9		
Postsecondary teachers	9	5			1		
Math and computer teachers, postsecondary	3	1					
Computer science teachers, postsecondary	1						
Mathematical science teachers, postsecondary		1					
Miscellaneous postsecondary teachers	4	3			1		
Preschool, primary, secondary, and special education school teachers	15	3	5		4		
Elementary and middle school teachers	5						
Elementary school teachers, except special education	5						
Secondary school teachers	6				2		1
Secondary school teachers, except special and career/technical education	5				1		1
Career/technical education teachers, secondary school	1				1		
Special education teachers	4						
Other teachers and instructors	8		6				

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Self-enrichment education teachers	7		6				
Self-enrichment education teachers	7		6				
Librarians, curators, and archivists	1						
Library technicians	1						
Library technicians	1						
Other education, training, and library occupations	4		1				
Teacher assistants	4		1				
Teacher assistants	4		1				
Arts, design, entertainment, sports, and media occupations	52	5	29		11	3	4
Art and design workers	9				4		
Artists and related workers	3		1				
Fine artists, including painters, sculptors, and illustrators	1		1				
Designers	6				3		
Entertainers and performers, sports and related workers	35	4	22		4	3	
Actors, producers, and directors	5		1				
Producers and directors	4		1				
Athletes, coaches, umpires, and related workers	23		18			3	
Athletes and sports competitors	14		12				
Coaches and scouts	6		4				
Musicians, singers, and related workers	3						
Musicians and singers	3						

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Miscellaneous entertainers and performers, sports and related workers	4		3				1
Media and communication workers	4						
News analysts, reporters and correspondents			1				
Reporters and correspondents			1				
Media and communication equipment workers	4		3				
Photographers	4		3				
Photographers	4		3				
Healthcare practitioners and technical occupations	55	21	21		5	6	
Health diagnosing and treating practitioners	38	19	13		3	3	
Dentists	5	4					
Dentists, general	4	4					
Optometrists	1						
Optometrists	1						
Pharmacists	3	3					
Pharmacists	3	3					
Physicians and surgeons	11	7	3				
Family and general practitioners	1	1					
Psychiatrists		1					
Surgeons	3						
Physician assistants		1					
Physician assistants		1					

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Therapists	3		3				
Veterinarians	1		1				
Veterinarians	1		1				
Registered nurses	12		5			3	
Registered nurses	12		5			3	
Health technologists and technicians	16		8			3	
Emergency medical technicians and paramedics	8		4			1	
Emergency medical technicians and paramedics	8		4			1	
Health practitioner support technologists and technicians	3					1	
Veterinary technologists and technicians						1	
Licensed practical and licensed vocational nurses	3					1	
Licensed practical and licensed vocational nurses	3					1	
Other healthcare practitioners and technical occupations	1	1					
Occupational health and safety specialists and technicians	1	1					
Occupational health and safety specialists	1	1					
Healthcare support occupations	23	6	6	1		6	
Nursing, psychiatric, and home health aides	18	4	4	1		5	
Nursing, psychiatric, and home health aides	18	4	4	1		5	
Home health aides	9			1		4	
Psychiatric aides	1	1					
Nursing assistants	8						
Other healthcare support occupations	4						

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	xposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Miscellaneous healthcare support occupations	4						
Protective service occupations	282	147	83	19	16	13	4
Supervisors of protective service workers	25	10	9	3			1
First-line supervisors of law enforcement workers	16	9	7				
First-line supervisors of correctional officers	1		1				
First-line supervisors of police and detectives	15	9	6				
First-line supervisors of fire fighting and prevention workers	6			3			1
First-line supervisors of fire fighting and prevention workers	6			3			1
Miscellaneous first-line supervisors, protective service workers	3						
Fire fighting and prevention workers	31		8	15	4	3	
Firefighters	28		8	12	4	3	
Firefighters	28		8	12	4	3	
Law enforcement workers	149	88	50		3	6	
Bailiffs, correctional officers, and jailers	9	6	3				
Correctional officers and jailers	9	6	3				
Detectives and criminal investigators	6	4	2				
Detectives and criminal investigators	6	4	2				
Fish and game wardens			1				
Fish and game wardens			1				
Police officers	130	77	42		3	6	
Police and sheriff's patrol officers	130	77	42		3	6	
Other protective service workers	77	48	16		8	3	

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Private detectives and investigators	1	1					
Private detectives and investigators	1	1					
Security guards and gaming surveillance officers	64	45	8		7		
Security guards	64	45	8		7		
Miscellaneous protective service workers	10		6				
Crossing guards	7		6				
Food preparation and serving related occupations	47	24	6	1	7	6	3
Supervisors of food preparation and serving workers	12	8	3				
First-line supervisors of food preparation and serving workers	12	8	3				
Chefs and head cooks	3						
First-line supervisors of food preparation and serving workers	9	7					
Cooks and food preparation workers	12	3		1	4	3	
Cooks	9	3		1	3	1	
Cooks, institution and cafeteria	3					1	
Cooks, restaurant	4	2					
Food preparation workers	3						
Food preparation workers	3						
Food and beverage serving workers	22	12				3	3
Bartenders	5	4					
Bartenders	5	4					
Fast food and counter workers	4	3					

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Combined food preparation and serving workers, including fast food	4	3					
Waiters and waitresses	13	5	1			3	
Waiters and waitresses	13	5	1			3	
Building and grounds cleaning and maintenance occupations	269	24	67	1	85	44	47
Supervisors of building and grounds cleaning and maintenance workers	33		9		12	3	8
First-line supervisors of building and grounds cleaning and maintenance workers	33		9		12	3	8
First-line supervisors of housekeeping and janitorial workers	5						
First-line supervisors of landscaping, lawn service, and groundskeeping workers	28		7		11		8
Building cleaning and pest control workers	53	13	10		21	5	3
Building cleaning workers	50	13	8		20	5	3
Janitors and cleaners, except maids and housekeeping cleaners	42	12	5		17	5	
Maids and housekeeping cleaners	7	1					
Pest control workers	3						
Pest control workers	3						
Grounds maintenance workers	183	10	48	1	52	36	36
Grounds maintenance workers	183	10	48	1	52	36	36
Landscaping and groundskeeping workers	97	9	42	1	16	20	9
Pesticide handlers, sprayers, and applicators, vegetation	3						
Tree trimmers and pruners	83		4		36	15	27
Personal care and service occupations	71	36	13		9	7	5
Supervisors of personal care and service workers	5	4					

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

		Event or exposure ²						
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment	
First-line supervisors of personal service workers	5	4						
First-line supervisors of personal service workers	5	4						
Animal care and service workers	14	8	6					
Animal trainers	8	4	4					
Animal trainers	8	4	4					
Nonfarm animal caretakers	6	4						
Nonfarm animal caretakers	6	4						
Entertainment attendants and related workers	18	3			4	5	4	
Ushers, lobby attendants, and ticket takers	3							
Ushers, lobby attendants, and ticket takers	3							
Miscellaneous entertainment attendants and related workers	14				3	4	3	
Amusement and recreation attendants	13				3	4	3	
Personal appearance workers	14	13			1			
Barbers, hairdressers, hairstylists and cosmetologists	13	12			1			
Barbers	8	7			1			
Hairdressers, hairstylists, and cosmetologists	5	5						
Miscellaneous personal appearance workers	1	1						
Manicurists and pedicurists	1	1						
Tour and travel guides	4							
Tour and travel guides	4							
Travel guides			1					
Other personal care and service workers	14	7				1		

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Childcare workers	4	3					
Childcare workers	4	3					
Personal care aides	4						
Personal care aides	4						
Recreation and fitness workers	6	3	1		1	1	
Recreation workers	5	2	1		1	1	
Sales and related occupations	240	132	56	4	19	11	17
Supervisors of sales workers	127	78	21	4	6	3	14
First-line supervisors of sales workers	127	78	21	4	6	3	14
First-line supervisors of retail sales workers	104	70	17	3	5		7
First-line supervisors of non-retail sales workers	23	8	4				7
Retail sales workers	63	40	5		10	5	3
Cashiers	34	27			3	3	
Cashiers	34	27			3	3	
Counter and rental clerks and parts salespersons	3	3					
Counter and rental clerks	3	3					
Retail salespersons	26	10	4		7		3
Retail salespersons	26	10	4		7		3
Sales representatives, services	11	5	5				
Insurance sales agents	3	3					
Insurance sales agents	3	3					
Securities, commodities, and financial services sales agents	3						

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Securities, commodities, and financial services sales agents	3						
Miscellaneous sales representatives, services	4						
Sales representatives, wholesale and manufacturing	15		12				
Sales representatives, wholesale and manufacturing	15		12				
Sales representatives, wholesale and manufacturing, technical and scientific products	3		3				
Sales representatives, wholesale and manufacturing, except technical and scientific products	12		9				
Other sales and related workers	24	9	13				
Real estate brokers and sales agents	4	1	3				
Real estate sales agents		1					
Miscellaneous sales and related workers	19	8	9				
Door-to-door sales workers, news and street vendors, and related workers	10	3	6				
Office and administrative support occupations	91	23	42		16	5	5
Supervisors of office and administrative support workers	3		3				
First-line supervisors of office and administrative support workers	3		3				
First-line supervisors of office and administrative support workers	3		3				
Financial clerks	5	2					
Bill and account collectors	1	1					
Bill and account collectors	1	1					
Tellers		1					
Tellers		1					
Information and record clerks	10	6					

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
File clerks	3				1		
File clerks	3				1		
Hotel, motel, and resort desk clerks	3	3					
Hotel, motel, and resort desk clerks	3	3					
Material recording, scheduling, dispatching, and distributing workers	54	9	31		6	4	4
Cargo and freight agents					1		
Cargo and freight agents					1		
Couriers and messengers	10	1	9				
Couriers and messengers	10	1	9				
Postal service workers	16		13		1		1
Postal service mail carriers	16		13		1		1
Shipping, receiving, and traffic clerks	5					1	
Shipping, receiving, and traffic clerks	5					1	
Stock clerks and order fillers	14	6	3		4		
Stock clerks and order fillers	14	6	3		4		
Secretaries and administrative assistants	4						
Secretaries and administrative assistants	4						
Medical secretaries	1				1		
Secretaries and administrative assistants, except legal, medical, and executive	3						
Other office and administrative support workers	14	4	4		5		
Insurance claims and policy processing clerks	1		1				

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Insurance claims and policy processing clerks	1		1				
Office clerks, general	11	4			5		
Office clerks, general	11	4			5		
Miscellaneous office and administrative support workers	1						
Farming, fishing, and forestry occupations	261	14	104	11	15	31	83
Supervisors of farming, fishing, and forestry workers	15		4				5
First-line supervisors of farming, fishing, and forestry workers	15		4				5
First-line supervisors of farming, fishing, and forestry workers	15		4				5
Agricultural workers	136	12	55	8	9	24	26
Agricultural inspectors	2						
Agricultural inspectors	2						
Miscellaneous agricultural workers	133	12	54	6	9	24	26
Agricultural equipment operators	11		4	1			4
Farmworkers and laborers, crop, nursery, and greenhouse	78	4	33	5	7	17	11
Farmworkers, farm, ranch, and aquacultural animals	42	8	16			5	11
Fishing and hunting workers	42	1	35			4	
Fishers and related fishing workers	42	1	35			4	
Fishers and related fishing workers	42	1	35			4	
Forest, conservation, and logging workers	68		10				52
Forest and conservation workers	3						
Forest and conservation workers	3						
Logging workers	65		9				50

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Fallers	55		5				45
Logging equipment operators	5		3				
Construction and extraction occupations	798	28	211	24	264	114	155
Supervisors of construction and extraction workers	106	8	38		32	7	19
First-line supervisors of construction trades and extraction workers	106	8	38		32	7	19
First-line supervisors of construction trades and extraction workers	106	8	38		32	7	19
Construction trades workers	533	16	119	7	202	91	96
Brickmasons, blockmasons, and stonemasons	8				4	4	
Brickmasons and blockmasons	7				4		
Carpenters	44	3	5		26	4	5
Carpenters	44	3	5		26	4	5
Carpet, floor, and tile installers and finishers	3						
Cement masons, concrete finishers, and terrazzo workers	3						
Cement masons and concrete finishers	3						
Construction laborers	191	4	44		65	23	53
Construction laborers	191	4	44		65	23	53
Construction equipment operators	53		37	1		3	8
Paving, surfacing, and tamping equipment operators	6		5				
Operating engineers and other construction equipment operators	47		32	1			8
Drywall installers, ceiling tile installers, and tapers	8				3		
Drywall and ceiling tile installers	8				3		

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Electricians	62	3	12	3	7	29	8
Electricians	62	3	12	3	7	29	8
Insulation workers	5						1
Insulation workers, floor, ceiling, and wall	3						
Insulation workers, mechanical							1
Painters and paperhangers	35				21	8	3
Painters, construction and maintenance	34				20	8	3
Pipelayers, plumbers, pipefitters, and steamfitters	27		4		6	6	9
Pipelayers	9						5
Plumbers, pipefitters, and steamfitters	18		4		5	5	4
Plasterers and stucco masons	5				4		
Plasterers and stucco masons	5				4		
Roofers	60		4		49	6	
Roofers	60		4		49	6	
Sheet metal workers	7				4		
Sheet metal workers	7				4		
Structural iron and steel workers	18				11		4
Structural iron and steel workers	18				11		4
Helpers, construction trades	15	1	2	1	7	4	
Helpers, construction trades	15	1	2	1	7	4	
Helperscarpenters		1					
Helperselectricians	4				3		

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Helperspipelayers, plumbers, pipefitters, and steamfitters	3		1	1		1	
Other construction and related workers	52		30		10	3	7
Construction and building inspectors	10		5		3		
Construction and building inspectors	10		5		3		
Elevator installers and repairers	4				3		
Elevator installers and repairers	4				3		
Highway maintenance workers	28		22		1		5
Highway maintenance workers	28		22		1		5
Rail-track laying and maintenance equipment operators	3		2				
Rail-track laying and maintenance equipment operators	3		2				
Septic tank servicers and sewer pipe cleaners	5			1		3	
Septic tank servicers and sewer pipe cleaners	5			1		3	
Extraction workers	92	3	22	12	13	9	33
Derrick, rotary drill, and service unit operators, oil, gas, and mining	20		4		4		9
Derrick operators, oil and gas	7						5
Rotary drill operators, oil and gas	11		4				3
Earth drillers, except oil and gas	8				1		6
Earth drillers, except oil and gas	8				1		6
Explosives workers, ordnance handling experts, and blasters	7			5			
Explosives workers, ordnance handling experts, and blasters	7			5			
Mining machine operators	7				1		4
Rock splitters, quarry	1				1		

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Rock splitters, quarry	1				1		
Roustabouts, oil and gas	13		3				4
Roustabouts, oil and gas	13		3				4
Helpersextraction workers	6			1		1	
Helpersextraction workers	6			1		1	
Miscellaneous extraction workers	30		10		4	3	8
Installation, maintenance, and repair occupations	354	33	79	25	65	66	85
Supervisors of installation, maintenance, and repair workers	18					6	7
First-line supervisors of mechanics, installers, and repairers	18					6	7
First-line supervisors of mechanics, installers, and repairers	18					6	7
Electrical and electronic equipment mechanics, installers, and repairers	21	4	5	1	10		
Computer, automated teller, and office machine repairers	3		1				
Computer, automated teller, and office machine repairers	3		1				
Radio and telecommunications equipment installers and repairers	9		3		5		
Radio, cellular, and tower equipment installers and repairers	6				3		
Telecommunications equipment installers and repairers, except line installers	3						
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers	9		1	1	5		
Electrical and electronics repairers, powerhouse, substation, and relay	1			1			
Electronic home entertainment equipment installers and repairers	4		1				
Vehicle and mobile equipment mechanics, installers, and repairers	114	11	30	7	3	14	48
Aircraft mechanics and service technicians	6		3				

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Aircraft mechanics and service technicians	6		3				
Automotive technicians and repairers	39	7	8			6	15
Automotive body and related repairers	5	3					
Automotive service technicians and mechanics	34	4	8			4	15
Bus and truck mechanics and diesel engine specialists	19		3				13
Bus and truck mechanics and diesel engine specialists	19		3				13
Heavy vehicle and mobile equipment service technicians and mechanics	34		10			3	15
Farm equipment mechanics and service technicians	17		3			3	8
Mobile heavy equipment mechanics, except engines	17		7				7
Small engine mechanics	4		3				
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	12		3			3	4
Recreational vehicle service technicians	1						
Tire repairers and changers	10		3				3
Other installation, maintenance, and repair occupations	201	17	42	15	52	45	30
Control and valve installers and repairers	2			1	1		
Mechanical door repairers	1				1		
Control and valve installers and repairers, except mechanical door	1			1			
Heating, air conditioning, and refrigeration mechanics and installers	18	1	5	1	5	6	
Heating, air conditioning, and refrigeration mechanics and installers	18	1	5	1	5	6	
Industrial machinery installation, repair, and maintenance workers	53		8	12	8	4	19
Industrial machinery mechanics	31		5	6	4		13

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Maintenance workers, machinery	17		3	4	3		5
Millwrights	5					1	
Line installers and repairers	38		8		9	15	4
Electrical power-line installers and repairers	26		6		7	12	
Telecommunications line installers and repairers	12					3	3
Maintenance and repair workers, general	65	12	13		23	13	3
Maintenance and repair workers, general	65	12	13		23	13	3
Miscellaneous installation, maintenance, and repair workers	22		7		4	7	4
Coin, vending, and amusement machine servicers and repairers			1				
Commercial divers	5					4	
Riggers	3						
Helpersinstallation, maintenance, and repair workers	3						
Production occupations	222	33	28	27	35	31	68
Supervisors of production workers	35	9	10	4	3	4	5
First-line supervisors of production and operating workers	35	9	10	4	3	4	5
First-line supervisors of production and operating workers	35	9	10	4	3	4	5
Assemblers and fabricators	12				3		5
Engine and other machine assemblers							1
Engine and other machine assemblers							1
Miscellaneous assemblers and fabricators	9				3		3
Food processing workers	6						
Bakers	1						

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Bakers	1						
Butchers and other meat, poultry, and fish processing workers	3						
Slaughterers and meat packers	1		1				
Metal workers and plastic workers	65	3	5	13	13	10	21
Machine tool cutting setters, operators, and tenders, metal and plastic	3						
Machinists	8			1			6
Machinists	8			1			6
Metal furnace operators, tenders, pourers, and casters							1
Metal-refining furnace operators and tenders							1
Welding, soldering, and brazing workers	45	3	4	9	10	9	10
Welders, cutters, solderers, and brazers	40	2	4	8	9	9	8
Welding, soldering, and brazing machine setters, operators, and tenders	5	1			1		
Miscellaneous metalworkers and plastic workers	5			2			1
Heat treating equipment setters, operators, and tenders, metal and plastic				1			
Printing workers	3					1	
Printing workers	3					1	
Printing press operators	3					1	
Textile, apparel, and furnishings workers	9	3					4
Laundry and dry-cleaning workers	4						
Laundry and dry-cleaning workers	4						
Shoe and leather workers	1						

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

		Event or exposure ²						
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment	
Shoe and leather workers and repairers	1							
Woodworkers	6						6	
Woodworking machine setters, operators, and tenders	6						6	
Sawing machine setters, operators, and tenders, wood	5						5	
Plant and system operators	20	4	. 5		4		5	
Power plant operators, distributors, and dispatchers	4							
Power plant operators	4							
Stationary engineers and boiler operators	2	1						
Stationary engineers and boiler operators	2	1						
Water and wastewater treatment plant and system operators	9				1		4	
Water and wastewater treatment plant and system operators	9				1		4	
Miscellaneous plant and system operators	5		3					
Petroleum pump system operators, refinery operators, and gaugers	3		3					
Other production occupations	66	11	5	6	9	14	21	
Chemical processing machine setters, operators, and tenders	3						1	
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders							1	
Crushing, grinding, polishing, mixing, and blending workers	8				4			
Crushing, grinding, and polishing machine setters, operators, and tenders	4							
Mixing and blending machine setters, operators, and tenders	4							
Cutting workers							1	
Cutting and slicing machine setters, operators, and tenders	1						1	

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Inspectors, testers, sorters, samplers, and weighers	7						
Inspectors, testers, sorters, samplers, and weighers	7						
Painting workers	4						
Miscellaneous production workers	35	5	4			9	12
Paper goods machine setters, operators, and tenders							1
Transportation and material moving occupations	1233	85	891	13	66	45	133
Supervisors, transportation and material moving workers	16		6		6		1
First-line supervisors of helpers, laborers, and material movers, hand	5				3		
First-line supervisors of helpers, laborers, and material movers, hand	5				3		
First-line supervisors of transportation and material-moving machine and vehicle operators	11	1	5		3		1
First-line supervisors of transportation and material-moving machine and vehicle operators	11	1	5		3		1
Air transportation workers	71		71				
Aircraft pilots and flight engineers	71		71				
Airline pilots, copilots, and flight engineers	4		4				
Commercial pilots	67		67				
Motor vehicle operators	871	65	687		30	23	64
Bus drivers	19		15		4		
Bus drivers, transit and intercity	11		10				
Bus drivers, school or special client	8		5		3		
Driver/sales workers and truck drivers	774	32	633		25	21	61
Driver/sales workers	40	7	31				

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

				Event or e	exposure ²		
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Heavy and tractor-trailer truck drivers	670	24	549		24	19	52
Light truck or delivery services drivers	64		53				9
Taxi drivers and chauffeurs	64	33	28				1
Taxi drivers and chauffeurs	64	33	28				1
Miscellaneous motor vehicle operators	14		11				
Rail transportation workers	19		15				4
Locomotive engineers and operators	7		5				
Locomotive engineers	5		4				1
Railroad brake, signal, and switch operators	4						
Railroad brake, signal, and switch operators	4						
Railroad conductors and yardmasters	8		8				
Railroad conductors and yardmasters	8		8				
Water transportation workers	15		12				
Sailors and marine oilers	6		5				
Sailors and marine oilers	6		5				
Ship and boat captains and operators	5		4				
Captains, mates, and pilots of water vessels	5		4				
Ship engineers	4		3				
Ship engineers	4		3				
Other transportation workers	14	4	7				
Parking lot attendants	4						
Parking lot attendants	4						

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Automotive and watercraft service attendants			1				
Automotive and watercraft service attendants			1				
Traffic technicians	1		1				
Traffic technicians	1		1				
Transportation inspectors	6		3				
Transportation inspectors	6		3				
Miscellaneous transportation workers	1		1				
Material moving workers	227	13	93	11	29	19	62
Conveyor operators and tenders	3						3
Conveyor operators and tenders	3						3
Crane and tower operators	10		3				5
Crane and tower operators	10		3				5
Dredge, excavating, and loading machine operators	16		9				6
Excavating and loading machine and dragline operators	16		9				6
Hoist and winch operators	4						
Hoist and winch operators	4						
Industrial truck and tractor operators	34		21				8
Industrial truck and tractor operators	34		21				8
Laborers and material movers, hand	114	12	35	5	19	13	30
Cleaners of vehicles and equipment	16	2		1		3	6
Laborers and freight, stock, and material movers, hand	94	10	32		16	9	23
Pumping station operators	8		4				

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

		Event or exposure ²					
Occupation ¹	Total fatal injuries (number)	Violence and other injuries by persons or animals ³	Transportation incidents ⁴	Fires and explosions	Falls, slips, trips	Exposure to harmful sub- stances or environments	Contact with objects and equipment
Pump operators, except wellhead pumpers	4						
Wellhead pumpers	4						
Refuse and recyclable material collectors	30		18		3	3	6
Refuse and recyclable material collectors	30		18		3	3	6
Tank car, truck, and ship loaders	3						
Tank car, truck, and ship loaders	3						
Miscellaneous material moving workers	4					1	
Military specific occupations ⁵	57	16	30		3	7	

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All U.S., 2011

Total fatal injuries (number) Occupation ¹ Violence and other injuries by persons or animals ³ Violence and other incidents ⁴ Violence and other incidents ⁴ or animals ³ Fires and explosions trips incidents trips and equipment environments and equipment environments and equipment incidents trips and equipment explosions and equipment environments and equipment explosions trips and explosions trips and explosions explosions trips and explosions explosions and equipment environments and equipment explosions explosions and equipment explosions explosions explosions and equipment explosions				exposure ²				
	Occupation ¹	injuries	other injuries by persons			-	harmful sub- stances or	and equipment

¹ Occupation data are based on the Standard Occupational Classification System, 2010.

NOTE: Data for all years are revised and final. Totals for major categories may include subcategories not shown separately. Dashes indicate no data reported or data that do not meet publication criteria. CFOI fatal injury counts exclude illness-related deaths unless precipitated by an injury event.

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, April 25, 2013.

² Based on the BLS Occupational Injury and Illness Classification System (OHCS) 2.01 implemented for 2011 data forward.

³ Includes violence by persons, self-inflicted injury, and attacks by animals.

⁴ Includes highway, nonhighway, air, water, rail fatal occupational injuries, and fatal occupational injuries resulting from being struck by a vehicle.

⁵ Includes fatal injuries to persons identified as resident armed forces regardless of individual occupation listed.