

11. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity

Occupation	2008				
	Total employed (in thous- ands)	Percent of total:			
		Women	Black or African American	Asian	Hispanic or Latino
Total, 16 years and over	145,362	46.7	11.0	4.8	14.0
Management, professional, and related occupations	52,761	50.8	8.3	6.3	7.1
Management, business, and financial operations occupations	22,059	42.7	7.2	5.2	7.5
Management occupations	15,852	37.4	6.4	4.6	7.3
Chief executives	1,655	23.4	3.9	4.0	4.8
General and operations managers	985	30.1	5.4	4.3	6.2
Legislators	23	(1)	(1)	(1)	(1)
Advertising and promotions managers	77	62.1	7.6	5.8	9.7
Marketing and sales managers	922	42.0	4.9	4.1	6.2
Public relations managers	64	60.3	3.5	-	5.4
Administrative services managers	100	32.6	8.9	2.3	5.7
Computer and information systems managers	475	27.2	7.7	10.2	5.3
Financial managers	1,168	54.8	7.9	5.7	8.6
Human resources managers	293	66.3	8.2	4.0	7.3
Industrial production managers	243	14.5	4.9	3.8	9.6
Purchasing managers	193	40.4	12.9	2.5	3.7
Transportation, storage, and distribution managers	239	17.0	7.7	1.7	12.7
Farm, ranch, and other agricultural managers	217	23.9	.9	1.7	4.6
Farmers and ranchers	751	24.4	1.0	.7	2.4
Construction managers	1,244	8.2	3.7	1.4	9.1
Education administrators	829	65.1	12.2	2.6	7.6
Engineering managers	109	6.3	1.1	8.0	4.9
Food service managers	1,039	44.8	7.3	11.8	12.9
Funeral directors	45	(1)	(1)	(1)	(1)
Gaming managers	18	(1)	(1)	(1)	(1)
Lodging managers	177	46.7	5.5	12.2	9.1
Medical and health services managers	561	69.4	10.1	4.2	7.3
Natural sciences managers	15	(1)	(1)	(1)	(1)
Postmasters and mail superintendents	41	(1)	(1)	(1)	(1)
Property, real estate, and community association managers	558	49.6	7.7	3.1	8.2
Social and community service managers	338	68.1	10.1	2.2	7.7
Managers, all other	3,473	35.8	6.8	5.3	7.6
Business and financial operations occupations	6,207	56.2	9.4	6.5	7.9
Agents and business managers of artists, performers, and athletes	50	36.5	5.8	4.8	6.5
Purchasing agents and buyers, farm products	6	(1)	(1)	(1)	(1)
Wholesale and retail buyers, except farm products	191	47.6	7.6	6.1	12.2
Purchasing agents, except wholesale, retail, and farm products	264	56.5	6.7	4.8	11.2
Claims adjusters, appraisers, examiners, and investigators	312	65.7	14.6	3.6	7.6
Compliance officers, except agriculture, construction, health and safety, and transportation	179	52.3	7.9	3.1	6.4
Cost estimators	100	10.0	.7	1.2	5.3
Human resources, training, and labor relations specialists	803	70.7	14.0	3.5	7.9
Logisticians	50	47.2	12.3	5.5	12.2
Management analysts	731	43.5	6.2	5.8	4.6
Meeting and convention planners	55	79.2	14.0	4.1	6.2
Other business operations specialists	254	66.3	12.2	9.2	10.0
Accountants and auditors	1,762	61.1	8.3	10.2	7.6
Appraisers and assessors of real estate	102	33.4	5.2	2.0	7.2
Budget analysts	64	57.1	17.5	8.3	5.0
Credit analysts	20	(1)	(1)	(1)	(1)
Financial analysts	110	38.8	6.0	12.9	9.8
Personal financial advisors	430	34.3	5.9	5.9	6.1
Insurance underwriters	82	80.3	13.3	5.5	7.1
Financial examiners	7	(1)	(1)	(1)	(1)
Loan counselors and officers	392	58.0	10.6	4.4	11.5
Tax examiners, collectors, and revenue agents	58	64.2	19.7	4.2	4.4
Tax preparers	105	66.6	9.1	5.7	12.6
Financial specialists, all other	78	57.0	20.6	5.3	14.9
Professional and related occupations	30,702	56.7	9.0	7.1	6.7
Computer and mathematical occupations	3,676	24.8	7.2	16.7	5.1
Computer scientists and systems analysts	837	27.5	9.7	13.7	5.3
Computer programmers	534	22.4	5.7	14.1	4.0
Computer software engineers	1,034	20.9	4.7	29.0	3.7
Computer support specialists	382	27.7	11.1	8.2	7.9
Database administrators	93	29.2	6.3	13.5	3.8
Network and computer systems administrators	227	21.4	8.0	9.8	7.4
Network systems and data communications analysts	422	23.7	7.1	9.2	6.4
Actuaries	26	(1)	(1)	(1)	(1)
Mathematicians	3	(1)	(1)	(1)	(1)
Operations research analysts	75	47.6	8.6	4.1	8.3
Statisticians	41	(1)	(1)	(1)	(1)
Miscellaneous mathematical science occupations	3	(1)	(1)	(1)	(1)
Architecture and engineering occupations	2,931	13.5	5.1	9.6	6.7
Architects, except naval	233	24.8	3.3	6.1	8.2

See footnotes at end of table.

11. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity—Continued

Occupation	2008				
	Total employed (in thous- ands)	Percent of total:			
		Women	Black or African American	Asian	Hispanic or Latino
Surveyors, cartographers, and photogrammetrists	49	(1)	(1)	(1)	(1)
Aerospace engineers	137	10.3	6.1	11.1	5.0
Agricultural engineers	3	(1)	(1)	(1)	(1)
Biomedical engineers	9	(1)	(1)	(1)	(1)
Chemical engineers	64	13.1	9.5	8.6	-
Civil engineers	346	10.4	3.2	11.2	9.2
Computer hardware engineers	69	19.4	3.0	30.7	4.1
Electrical and electronics engineers	350	7.7	3.0	13.4	5.3
Environmental engineers	37	(1)	(1)	(1)	(1)
Industrial engineers, including health and safety	177	14.9	5.9	7.6	5.2
Marine engineers and naval architects	17	(1)	(1)	(1)	(1)
Materials engineers	40	(1)	(1)	(1)	(1)
Mechanical engineers	318	6.7	4.5	10.6	4.1
Mining and geological engineers, including mining safety engineers	10	(1)	(1)	(1)	(1)
Nuclear engineers	9	(1)	(1)	(1)	(1)
Petroleum engineers	18	(1)	(1)	(1)	(1)
Engineers, all other	363	11.5	4.7	11.7	4.5
Drafters	162	23.4	3.0	7.2	9.0
Engineering technicians, except drafters	416	18.5	10.9	5.4	10.3
Surveying and mapping technicians	105	4.9	1.5	1.2	8.0
Life, physical, and social science occupations	1,307	46.1	7.1	12.0	4.7
Agricultural and food scientists	38	(1)	(1)	(1)	(1)
Biological scientists	101	52.9	4.2	13.3	3.9
Conservation scientists and foresters	24	(1)	(1)	(1)	(1)
Medical scientists	132	52.3	8.1	24.8	2.7
Astronomers and physicists	19	(1)	(1)	(1)	(1)
Atmospheric and space scientists	10	(1)	(1)	(1)	(1)
Chemists and materials scientists	118	33.1	4.7	22.3	6.9
Environmental scientists and geoscientists	85	29.3	4.0	2.7	4.1
Physical scientists, all other	136	40.7	6.1	27.8	1.7
Economists	19	(1)	(1)	(1)	(1)
Market and survey researchers	134	57.0	5.7	3.3	5.8
Psychologists	176	66.9	7.2	3.1	6.6
Sociologists	2	(1)	(1)	(1)	(1)
Urban and regional planners	32	(1)	(1)	(1)	(1)
Miscellaneous social scientists and related workers	41	(1)	(1)	(1)	(1)
Agricultural and food science technicians	24	(1)	(1)	(1)	(1)
Biological technicians	24	(1)	(1)	(1)	(1)
Chemical technicians	53	35.2	18.0	6.9	7.0
Geological and petroleum technicians	9	(1)	(1)	(1)	(1)
Nuclear technicians	3	(1)	(1)	(1)	(1)
Other life, physical, and social science technicians	129	48.3	12.5	8.5	5.7
Community and social services occupations	2,293	60.3	19.0	2.5	8.9
Counselors	674	68.0	20.5	2.2	8.9
Social workers	729	79.4	24.5	2.9	10.0
Miscellaneous community and social service specialists	303	61.4	20.9	2.6	14.5
Clergy	441	14.8	10.2	2.7	3.6
Directors, religious activities and education	50	63.5	1.7	.8	4.5
Religious workers, all other	95	65.6	10.1	.8	11.0
Legal occupations	1,671	51.9	7.0	2.8	6.6
Lawyers	1,014	34.4	4.6	2.9	3.8
Judges, magistrates, and other judicial workers	54	43.6	6.8	.3	3.2
Paralegals and legal assistants	346	87.7	11.6	2.2	10.3
Miscellaneous legal support workers	257	74.5	10.0	3.9	13.3
Education, training, and library occupations	8,605	74.0	9.2	3.8	7.5
Postsecondary teachers	1,218	46.1	5.2	11.9	4.0
Preschool and kindergarten teachers	685	97.6	11.7	3.5	9.8
Elementary and middle school teachers	2,958	81.2	9.9	2.2	6.8
Secondary school teachers	1,210	56.0	7.2	1.8	6.5
Special education teachers	387	84.9	8.0	1.3	3.7
Other teachers and instructors	751	66.9	9.3	3.8	8.2
Archivists, curators, and museum technicians	35	(1)	(1)	(1)	(1)
Librarians	197	83.5	6.7	3.5	3.7
Library technicians	44	(1)	(1)	(1)	(1)
Teacher assistants	1,020	91.7	13.9	2.8	15.0
Other education, training, and library workers	101	76.0	6.1	3.6	5.5
Arts, design, entertainment, sports, and media occupations	2,820	47.8	6.1	4.1	8.3
Artists and related workers	213	48.6	2.0	3.7	5.4
Designers	834	57.5	5.6	6.1	8.2
Actors	30	(1)	(1)	(1)	(1)
Producers and directors	154	38.5	8.9	4.0	7.3
Athletes, coaches, umpires, and related workers	252	32.5	10.3	2.3	8.3
Dancers and choreographers	25	(1)	(1)	(1)	(1)
Musicians, singers, and related workers	186	29.3	9.7	1.6	10.8
Entertainers and performers, sports and related workers, all other	39	(1)	(1)	(1)	(1)

See footnotes at end of table.

11. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity—Continued

Occupation	2008				
	Total employed (in thousands)	Percent of total:			
		Women	Black or African American	Asian	Hispanic or Latino
Announcers	41	(1)	(1)	(1)	(1)
News analysts, reporters and correspondents	94	45.4	2.1	3.9	2.9
Public relations specialists	135	61.6	5.1	1.7	7.3
Editors	171	54.8	3.5	2.5	2.2
Technical writers	47	(1)	(1)	(1)	(1)
Writers and authors	186	57.3	4.1	1.1	3.3
Miscellaneous media and communication workers	83	72.2	6.1	12.1	27.4
Broadcast and sound engineering technicians and radio operators	98	16.1	11.0	5.9	12.9
Photographers	181	44.1	4.3	3.9	10.1
Television, video, and motion picture camera operators and editors	50	15.3	5.2	.1	12.8
Media and communication equipment workers, all other	1	(1)	(1)	(1)	(1)
Healthcare practitioner and technical occupations	7,399	74.6	10.2	8.0	5.9
Chiropractors	60	15.3	1.8	.3	4.7
Dentists	152	27.2	3.3	12.0	5.2
Dietitians and nutritionists	100	90.0	20.3	3.7	7.1
Optometrists	37	(1)	(1)	(1)	(1)
Pharmacists	243	51.8	8.7	12.6	2.5
Physicians and surgeons	877	30.5	6.2	16.6	5.8
Physician assistants	99	66.9	6.6	5.2	9.3
Podiatrists	12	(1)	(1)	(1)	(1)
Registered nurses	2,778	91.7	10.0	7.8	4.7
Audiologists	12	(1)	(1)	(1)	(1)
Occupational therapists	87	95.9	1.2	6.3	5.5
Physical therapists	197	69.0	3.9	13.0	3.5
Radiation therapists	20	(1)	(1)	(1)	(1)
Recreational therapists	17	(1)	(1)	(1)	(1)
Respiratory therapists	109	68.3	10.4	4.6	7.4
Speech-language pathologists	133	98.1	2.3	4.8	6.2
Therapists, all other	107	80.8	14.7	2.6	3.7
Veterinarians	56	56.7	4.0	3.7	4.1
Health diagnosing and treating practitioners, all other	20	(1)	(1)	(1)	(1)
Clinical laboratory technologists and technicians	351	75.7	14.6	8.8	9.0
Dental hygienists	143	97.7	4.1	2.0	5.3
Diagnostic related technologists and technicians	298	72.0	8.8	5.3	5.0
Emergency medical technicians and paramedics	138	30.2	4.7	.1	6.6
Health diagnosing and treating practitioner support technicians	447	76.7	10.8	5.2	10.8
Licensed practical and licensed vocational nurses	566	93.3	22.1	3.6	7.1
Medical records and health information technicians	98	95.0	13.9	4.0	9.9
Opticians, dispensing	50	63.4	7.5	.3	8.4
Miscellaneous health technologists and technicians	139	63.0	23.3	8.4	5.5
Other healthcare practitioners and technical occupations	52	42.1	5.6	6.5	8.0
Service occupations	24,451	57.2	15.9	4.6	20.2
Healthcare support occupations	3,212	88.8	25.8	4.2	13.6
Nursing, psychiatric, and home health aides	1,889	88.7	34.5	4.3	13.1
Occupational therapist assistants and aides	7	(1)	(1)	(1)	(1)
Physical therapist assistants and aides	75	77.0	8.4	4.0	8.0
Massage therapists	147	84.5	7.0	8.0	7.4
Dental assistants	263	96.3	6.9	2.0	17.3
Medical assistants and other healthcare support occupations	831	88.8	16.9	4.2	15.3
Protective service occupations	3,047	22.8	19.1	1.8	10.9
First-line supervisors/managers of correctional officers	42	(1)	(1)	(1)	(1)
First-line supervisors/managers of police and detectives	117	14.7	12.5	2.9	6.1
First-line supervisors/managers of fire fighting and prevention workers	54	8.7	5.8	1.3	9.5
Supervisors, protective service workers, all other	102	21.7	14.5	2.2	12.2
Fire fighters	293	4.8	8.2	.3	9.4
Fire inspectors	27	(1)	(1)	(1)	(1)
Bailiffs, correctional officers, and jailers	403	30.0	22.0	.6	10.4
Detectives and criminal investigators	139	19.2	10.6	2.3	9.5
Fish and game wardens	4	(1)	(1)	(1)	(1)
Parking enforcement workers	6	(1)	(1)	(1)	(1)
Police and sheriff's patrol officers	674	14.7	13.6	1.8	11.6
Transit and railroad police	5	(1)	(1)	(1)	(1)
Animal control workers	9	(1)	(1)	(1)	(1)
Private detectives and investigators	89	39.4	13.8	.8	6.5
Security guards and gaming surveillance officers	867	23.6	31.0	3.0	12.4
Crossing guards	68	73.5	29.9	.4	16.4
Lifeguards and other protective service workers	148	52.3	5.7	.8	9.6
Food preparation and serving related occupations	7,824	56.0	12.1	5.4	21.0
Chefs and head cooks	351	17.0	10.3	14.1	22.7
First-line supervisors/managers of food preparation and serving workers	635	57.8	14.4	3.8	14.1
Cooks	1,997	40.1	18.1	5.0	30.2
Food preparation workers	724	60.7	9.8	6.6	24.6
Bartenders	365	58.3	3.5	2.3	9.6
Combined food preparation and serving workers, including fast food	323	68.5	15.6	2.0	17.2

See footnotes at end of table.

11. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity—Continued

Occupation	2008				
	Total employed (in thous- ands)	Percent of total:			
		Women	Black or African American	Asian	Hispanic or Latino
Counter attendants, cafeteria, food concession, and coffee shop	323	64.1	12.2	4.5	15.4
Waiters and waitresses	2,010	73.2	7.3	6.2	14.6
Food servers, nonrestaurant	187	70.5	20.5	6.5	18.0
Dining room and cafeteria attendants and bartender helpers	349	47.8	13.1	5.6	26.9
Dishwashers	289	22.7	12.0	3.4	35.7
Hosts and hostesses, restaurant, lounge, and coffee shop	263	88.7	6.2	3.0	11.6
Food preparation and serving related workers, all other	7	(¹)	(¹)	(¹)	(¹)
Building and grounds cleaning and maintenance occupations	5,445	40.2	15.0	2.8	33.4
First-line supervisors/managers of housekeeping and janitorial workers	296	39.9	18.6	1.1	23.7
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	258	7.5	4.5	.6	16.8
Janitors and building cleaners	2,125	32.2	18.4	3.4	28.2
Maids and housekeeping cleaners	1,434	89.8	18.1	3.7	40.5
Pest control workers	71	8.2	6.1	2.8	15.3
Grounds maintenance workers	1,262	6.1	7.7	1.6	41.0
Personal care and service occupations	4,923	78.4	14.7	7.4	14.2
First-line supervisors/managers of gaming workers	155	38.6	7.2	3.2	10.3
First-line supervisors/managers of personal service workers	174	73.2	11.1	13.8	7.5
Animal trainers	40	(¹)	(¹)	(¹)	(¹)
Nonfarm animal caretakers	157	73.5	2.9	1.9	12.3
Gaming services workers	111	51.5	13.1	21.8	3.5
Motion picture projectionists	7	(¹)	(¹)	(¹)	(¹)
Ushers, lobby attendants, and ticket takers	42	(¹)	(¹)	(¹)	(¹)
Miscellaneous entertainment attendants and related workers	166	43.0	7.1	2.7	11.3
Funeral service workers	13	(¹)	(¹)	(¹)	(¹)
Barbers	87	20.8	33.3	4.1	20.2
Hairdressers, hairstylists, and cosmetologists	773	90.6	11.3	6.5	11.0
Miscellaneous personal appearance workers	229	82.3	4.4	55.0	6.3
Baggage porters, bellhops, and concierges	72	17.3	23.9	8.1	19.9
Tour and travel guides	35	(¹)	(¹)	(¹)	(¹)
Transportation attendants	139	71.0	16.8	3.3	13.1
Child care workers	1,314	95.6	17.4	2.7	20.0
Personal and home care aides	871	85.4	21.8	6.7	17.4
Recreation and fitness workers	353	68.1	9.6	3.3	9.5
Residential advisors	70	65.8	28.1	.1	4.7
Personal care and service workers, all other	114	54.1	11.3	3.7	12.3
Sales and office occupations	35,544	63.2	11.5	4.2	12.3
Sales and related occupations	16,295	49.5	9.7	4.7	11.7
First-line supervisors/managers of retail sales workers	3,471	43.3	7.3	5.2	10.4
First-line supervisors/managers of non-retail sales workers	1,287	26.1	6.9	4.9	11.0
Cashiers	3,031	75.5	16.3	6.4	16.6
Counter and rental clerks	161	50.4	14.8	7.9	13.7
Parts salespersons	119	10.8	7.5	1.7	14.7
Retail salespersons	3,416	52.2	10.7	4.1	12.3
Advertising sales agents	216	54.7	10.3	2.2	8.4
Insurance sales agents	573	46.9	7.6	2.7	9.4
Securities, commodities, and financial services sales agents	388	27.9	7.2	5.1	9.2
Travel agents	98	71.6	9.8	10.3	6.4
Sales representatives, services, all other	521	34.4	8.9	4.5	8.8
Sales representatives, wholesale and manufacturing	1,343	27.3	3.9	3.8	8.6
Models, demonstrators, and product promoters	74	79.0	8.0	6.7	6.6
Real estate brokers and sales agents	962	54.4	7.2	3.5	8.6
Sales engineers	40	(¹)	(¹)	(¹)	(¹)
Telemarketers	139	66.3	23.6	.7	16.6
Door-to-door sales workers, news and street vendors, and related workers	243	62.2	9.5	3.7	14.4
Sales and related workers, all other	212	61.1	4.8	1.2	7.4
Office and administrative support occupations	19,249	74.8	13.0	3.7	12.8
First-line supervisors/managers of office and administrative support workers	1,641	71.2	10.4	3.4	10.5
Switchboard operators, including answering service	49	(¹)	(¹)	(¹)	(¹)
Telephone operators	48	(¹)	(¹)	(¹)	(¹)
Communications equipment operators, all other	11	(¹)	(¹)	(¹)	(¹)
Bill and account collectors	232	68.0	20.0	2.2	18.2
Billing and posting clerks and machine operators	516	90.9	13.5	3.6	12.6
Bookkeeping, accounting, and auditing clerks	1,434	91.5	6.9	4.4	8.0
Gaming cage workers	16	(¹)	(¹)	(¹)	(¹)
Payroll and timekeeping clerks	158	90.1	11.8	4.1	10.8
Procurement clerks	26	(¹)	(¹)	(¹)	(¹)
Tellers	466	84.8	12.3	6.1	15.8
Brokerage clerks	5	(¹)	(¹)	(¹)	(¹)
Correspondence clerks	7	(¹)	(¹)	(¹)	(¹)
Court, municipal, and license clerks	100	75.6	11.1	3.7	10.5
Credit authorizers, checkers, and clerks	64	71.1	12.7	1.4	12.1
Customer service representatives	1,908	68.3	18.3	3.7	14.5
Eligibility interviewers, government programs	63	83.9	22.1	6.5	23.7

See footnotes at end of table.

11. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity—Continued

Occupation	2008				
	Total employed (in thous- ands)	Percent of total:			
		Women	Black or African American	Asian	Hispanic or Latino
File clerks	364	83.8	15.5	4.4	12.0
Hotel, motel, and resort desk clerks	120	71.9	19.1	3.9	9.6
Interviewers, except eligibility and loan	146	82.2	18.4	1.9	17.7
Library assistants, clerical	107	83.8	8.9	4.5	5.7
Loan interviewers and clerks	122	84.7	7.1	2.4	18.3
New accounts clerks	23	(1)	(1)	(1)	(1)
Order clerks	112	58.8	11.8	1.5	18.0
Human resources assistants, except payroll and timekeeping	52	84.8	15.3	5.7	10.0
Receptionists and information clerks	1,413	93.6	9.8	3.8	15.2
Reservation and transportation ticket agents and travel clerks	136	60.9	14.3	6.5	14.8
Information and record clerks, all other	107	91.1	15.5	4.1	11.7
Cargo and freight agents	19	(1)	(1)	(1)	(1)
Couriers and messengers	261	17.4	13.9	1.7	21.1
Dispatchers	286	57.4	15.9	1.9	11.8
Meter readers, utilities	45	(1)	(1)	(1)	(1)
Postal service clerks	167	53.7	27.0	8.5	10.5
Postal service mail carriers	373	33.0	14.5	6.4	9.8
Postal service mail sorters, processors, and processing machine operators	90	42.7	34.1	10.9	11.4
Production, planning, and expediting clerks	269	58.2	8.9	3.7	7.3
Shipping, receiving, and traffic clerks	543	32.8	11.6	2.8	20.2
Stock clerks and order fillers	1,481	35.4	16.8	3.6	18.6
Weighers, measurers, checkers, and samplers, recordkeeping	63	44.7	13.6	5.2	17.8
Secretaries and administrative assistants	3,296	96.1	8.1	2.3	9.6
Computer operators	134	51.4	19.9	4.3	5.1
Data entry keyers	415	77.3	17.6	5.2	12.9
Word processors and typists	149	92.9	17.3	3.6	13.1
Desktop publishers	4	(1)	(1)	(1)	(1)
Insurance claims and policy processing clerks	275	83.4	19.4	2.8	12.2
Mail clerks and mail machine operators, except postal service	123	49.0	20.8	7.1	12.9
Office clerks, general	1,176	84.4	15.4	4.7	14.1
Office machine operators, except computer	43	(1)	(1)	(1)	(1)
Proofreaders and copy markers	13	(1)	(1)	(1)	(1)
Statistical assistants	19	(1)	(1)	(1)	(1)
Office and administrative support workers, all other	558	77.3	13.1	4.8	9.6
Natural resources, construction, and maintenance occupations	14,806	4.2	6.9	1.9	25.0
Farming, fishing, and forestry occupations	988	21.1	4.5	1.7	39.3
First-line supervisors/managers of farming, fishing, and forestry workers	48	(1)	(1)	(1)	(1)
Agricultural inspectors	24	(1)	(1)	(1)	(1)
Animal breeders	12	(1)	(1)	(1)	(1)
Graders and sorters, agricultural products	63	65.3	13.6	4.0	59.3
Miscellaneous agricultural workers	723	19.3	3.5	1.5	45.1
Fishers and related fishing workers	36	(1)	(1)	(1)	(1)
Hunters and trappers	1	(1)	(1)	(1)	(1)
Forest and conservation workers	8	(1)	(1)	(1)	(1)
Logging workers	73	1.0	5.9	-	12.3
Construction and extraction occupations	8,667	2.5	6.3	1.4	29.6
First-line supervisors/managers of construction trades and extraction workers	844	2.7	3.0	1.2	16.1
Boilermakers	22	(1)	(1)	(1)	(1)
Brickmasons, blockmasons, and stonemasons	230	.4	7.4	1.2	39.9
Carpenters	1,562	1.5	6.0	1.3	25.7
Carpet, floor, and tile installers and finishers	224	2.3	1.9	1.0	42.7
Cement masons, concrete finishers, and terrazzo workers	90	-	7.4	.1	57.7
Construction laborers	1,651	3.1	7.7	1.9	44.1
Paving, surfacing, and tamping equipment operators	24	(1)	(1)	(1)	(1)
Pile-driver operators	3	(1)	(1)	(1)	(1)
Operating engineers and other construction equipment operators	398	1.5	5.1	.5	17.4
Drywall installers, ceiling tile installers, and tapers	209	2.1	3.6	.4	56.9
Electricians	874	1.0	5.9	2.7	16.2
Glaziers	49	(1)	(1)	(1)	(1)
Insulation workers	38	(1)	(1)	(1)	(1)
Painters, construction and maintenance	647	6.3	7.3	2.2	40.1
Paperhangers	8	(1)	(1)	(1)	(1)
Pipelayers, plumbers, pipefitters, and steamfitters	606	1.4	6.4	.6	19.5
Plasterers and stucco masons	46	(1)	(1)	(1)	(1)
Reinforcing iron and rebar workers	15	(1)	(1)	(1)	(1)
Roofers	234	1.3	8.4	.4	42.9
Sheet metal workers	136	4.8	6.2	1.2	11.8
Structural iron and steel workers	77	.9	2.2	.3	14.4
Helpers, construction trades	113	4.1	18.1	.3	41.3
Construction and building inspectors	93	9.5	9.2	1.6	5.4
Elevator installers and repairers	38	(1)	(1)	(1)	(1)
Fence erectors	38	(1)	(1)	(1)	(1)
Hazardous materials removal workers	23	(1)	(1)	(1)	(1)
Highway maintenance workers	103	1.9	17.2	-	10.2

See footnotes at end of table.

11. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity—Continued

Occupation	2008				
	Total employed (in thous- ands)	Percent of total:			
		Women	Black or African American	Asian	Hispanic or Latino
Rail-track laying and maintenance equipment operators	15	(1)	(1)	(1)	(1)
Septic tank servicers and sewer pipe cleaners	11	(1)	(1)	(1)	(1)
Miscellaneous construction and related workers	38	(1)	(1)	(1)	(1)
Derrick, rotary drill, and service unit operators, oil, gas, and mining	40	(1)	(1)	(1)	(1)
Earth drillers, except oil and gas	35	(1)	(1)	(1)	(1)
Explosives workers, ordnance handling experts, and blasters	11	(1)	(1)	(1)	(1)
Mining machine operators	51	2.2	3.3	5.6	21.2
Roof bolters, mining	4	(1)	(1)	(1)	(1)
Roustabouts, oil and gas	7	(1)	(1)	(1)	(1)
Helpers—extraction workers	7	(1)	(1)	(1)	(1)
Other extraction workers	55	2.8	3.5	1.0	33.5
Installation, maintenance, and repair occupations	5,152	3.9	8.5	2.8	14.5
First-line supervisors/managers of mechanics, installers, and repairers	300	8.0	6.7	1.0	8.7
Computer, automated teller, and office machine repairers	335	10.5	10.8	7.5	13.0
Radio and telecommunications equipment installers and repairers	200	11.4	13.7	4.4	11.8
Avionics technicians	18	(1)	(1)	(1)	(1)
Electric motor, power tool, and related repairers	24	(1)	(1)	(1)	(1)
Electrical and electronics installers and repairers, transportation equipment	3	(1)	(1)	(1)	(1)
Electrical and electronics repairers, industrial and utility	18	(1)	(1)	(1)	(1)
Electronic equipment installers and repairers, motor vehicles	27	(1)	(1)	(1)	(1)
Electronic home entertainment equipment installers and repairers	75	1.6	13.5	8.0	16.2
Security and fire alarm systems installers	62	-	8.2	2.2	16.8
Aircraft mechanics and service technicians	153	1.7	5.5	6.4	13.8
Automotive body and related repairers	157	2.1	5.2	.7	27.2
Automotive glass installers and repairers	28	(1)	(1)	(1)	(1)
Automotive service technicians and mechanics	852	1.6	6.5	2.9	19.7
Bus and truck mechanics and diesel engine specialists	358	.9	7.5	1.7	11.6
Heavy vehicle and mobile equipment service technicians and mechanics	217	1.1	5.0	.4	10.5
Small engine mechanics	64	2.0	6.0	-	10.9
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	86	1.9	7.6	.4	22.0
Control and valve installers and repairers	21	(1)	(1)	(1)	(1)
Heating, air conditioning, and refrigeration mechanics and installers	397	2.0	8.6	2.2	13.2
Home appliance repairers	51	5.3	10.2	5.7	10.7
Industrial and refractory machinery mechanics	439	2.6	8.8	3.0	13.0
Maintenance and repair workers, general	461	3.5	10.2	2.4	13.7
Maintenance workers, machinery	39	(1)	(1)	(1)	(1)
Millwrights	60	.9	4.4	1.6	5.9
Electrical power-line installers and repairers	109	1.4	8.7	.3	8.9
Telecommunications line installers and repairers	204	3.3	16.2	1.1	15.0
Precision instrument and equipment repairers	58	15.4	4.8	3.5	12.4
Coin, vending, and amusement machine servicers and repairers	41	(1)	(1)	(1)	(1)
Commercial divers	3	(1)	(1)	(1)	(1)
Locksmiths and safe repairers	31	(1)	(1)	(1)	(1)
Manufactured building and mobile home installers	12	(1)	(1)	(1)	(1)
Riggers	8	(1)	(1)	(1)	(1)
Signal and track switch repairers	5	(1)	(1)	(1)	(1)
Helpers—installation, maintenance, and repair workers	23	(1)	(1)	(1)	(1)
Other installation, maintenance, and repair workers	213	7.5	7.9	2.4	18.5
Production, transportation, and material moving occupations	17,800	22.4	14.5	3.8	20.4
Production occupations	8,973	29.7	12.2	5.2	21.1
First-line supervisors/managers of production and operating workers	874	18.1	9.5	5.0	14.9
Aircraft structure, surfaces, rigging, and systems assemblers	18	(1)	(1)	(1)	(1)
Electrical, electronics, and electromechanical assemblers	203	57.8	12.2	17.5	19.4
Engine and other machine assemblers	13	(1)	(1)	(1)	(1)
Structural metal fabricators and fitters	36	(1)	(1)	(1)	(1)
Miscellaneous assemblers and fabricators	1,050	35.0	15.3	5.9	19.8
Bakers	194	55.7	12.1	5.0	28.9
Butchers and other meat, poultry, and fish processing workers	309	26.8	14.6	6.7	38.4
Food and tobacco roasting, baking, and drying machine operators and tenders	11	(1)	(1)	(1)	(1)
Food batchmakers	73	53.5	11.7	6.2	29.0
Food cooking machine operators and tenders	7	(1)	(1)	(1)	(1)
Computer control programmers and operators	68	8.7	3.9	1.6	6.8
Extruding and drawing machine setters, operators, and tenders, metal and plastic	9	(1)	(1)	(1)	(1)
Forging machine setters, operators, and tenders, metal and plastic	9	(1)	(1)	(1)	(1)
Rolling machine setters, operators, and tenders, metal and plastic	12	(1)	(1)	(1)	(1)
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	105	20.2	9.1	4.0	22.0
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	4	(1)	(1)	(1)	(1)
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	50	19.7	6.6	5.8	19.6
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	20	(1)	(1)	(1)	(1)
Milling and planing machine setters, operators, tenders, metal and plastic	8	(1)	(1)	(1)	(1)
Machinists	409	6.9	7.0	4.2	12.1
Metal furnace and kiln operators and tenders	24	(1)	(1)	(1)	(1)
Model makers and patternmakers, metal and plastic	10	(1)	(1)	(1)	(1)

See footnotes at end of table.

11. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity—Continued

Occupation	2008				
	Total employed (in thou- sands)	Percent of total:			
		Women	Black or African American	Asian	Hispanic or Latino
Molders and molding machine setters, operators, and tenders, metal and plastic	58	18.1	12.2	1.3	22.2
Multiple machine tool setters, operators, and tenders, metal and plastic	4	(1)	(1)	(1)	(1)
Tool and die makers	71	1.0	.9	1.2	5.9
Welding, soldering, and brazing workers	598	4.7	8.7	3.7	21.0
Heat treating equipment setters, operators, and tenders, metal and plastic	11	(1)	(1)	(1)	(1)
Lay-out workers, metal and plastic	9	(1)	(1)	(1)	(1)
Plating and coating machine setters, operators, and tenders, metal and plastic	13	(1)	(1)	(1)	(1)
Tool grinders, filers, and sharpeners	7	(1)	(1)	(1)	(1)
Metalworkers and plastic workers, all other	349	21.1	10.0	5.5	24.4
Bookbinders and bindery workers	36	(1)	(1)	(1)	(1)
Job printers	47	(1)	(1)	(1)	(1)
Prepress technicians and workers	44	(1)	(1)	(1)	(1)
Printing machine operators	213	19.8	9.1	2.9	20.5
Laundry and dry-cleaning workers	239	60.8	22.4	7.7	29.3
Pressers, textile, garment, and related materials	57	79.2	19.7	10.0	41.0
Sewing machine operators	226	78.2	9.4	14.1	36.8
Shoe and leather workers and repairers	8	(1)	(1)	(1)	(1)
Shoe machine operators and tenders	6	(1)	(1)	(1)	(1)
Tailors, dressmakers, and sewers	71	84.2	6.1	12.2	24.4
Textile bleaching and dyeing machine operators and tenders	3	(1)	(1)	(1)	(1)
Textile cutting machine setters, operators, and tenders	6	(1)	(1)	(1)	(1)
Textile knitting and weaving machine setters, operators, and tenders	5	(1)	(1)	(1)	(1)
Textile winding, twisting, and drawing out machine setters, operators, and tenders	17	(1)	(1)	(1)	(1)
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	2	(1)	(1)	(1)	(1)
Fabric and apparel patternmakers	2	(1)	(1)	(1)	(1)
Upholsterers	56	19.7	27.2	.4	42.1
Textile, apparel, and furnishings workers, all other	21	(1)	(1)	(1)	(1)
Cabinetmakers and bench carpenters	85	6.5	2.8	5.7	13.0
Furniture finishers	19	(1)	(1)	(1)	(1)
Sawing machine setters, operators, and tenders, wood	44	(1)	(1)	(1)	(1)
Woodworking machine setters, operators, and tenders, except sawing	22	(1)	(1)	(1)	(1)
Woodworkers, all other	37	(1)	(1)	(1)	(1)
Power plant operators, distributors, and dispatchers	55	9.2	2.0	-	10.5
Stationary engineers and boiler operators	101	1.7	13.1	2.4	7.2
Water and liquid waste treatment plant and system operators	71	8.6	12.3	-	7.0
Miscellaneous plant and system operators	34	(1)	(1)	(1)	(1)
Chemical processing machine setters, operators, and tenders	52	15.4	16.2	4.4	13.2
Crushing, grinding, polishing, mixing, and blending workers	108	13.3	14.5	1.4	20.6
Cutting workers	80	26.7	8.0	5.1	27.4
Extruding, forming, pressing, and compacting machine setters, operators, and tenders ...	29	(1)	(1)	(1)	(1)
Furnace, kiln, oven, drier, and kettle operators and tenders	16	(1)	(1)	(1)	(1)
Inspectors, testers, sorters, samplers, and weighers	751	41.3	13.4	5.8	14.2
Jewelers and precious stone and metal workers	59	47.0	1.6	6.8	16.7
Medical, dental, and ophthalmic laboratory technicians	95	56.9	6.2	6.9	13.8
Packaging and filling machine operators and tenders	261	51.5	15.0	5.0	42.5
Painting workers	183	13.6	13.2	1.1	26.2
Photographic process workers and processing machine operators	53	47.8	8.1	12.7	11.8
Semiconductor processors	7	(1)	(1)	(1)	(1)
Cementing and gluing machine operators and tenders	11	(1)	(1)	(1)	(1)
Cleaning, washing, and metal pickling equipment operators and tenders	10	(1)	(1)	(1)	(1)
Cooling and freezing equipment operators and tenders	2	(1)	(1)	(1)	(1)
Etchers and engravers	7	(1)	(1)	(1)	(1)
Molders, shapers, and casters, except metal and plastic	38	(1)	(1)	(1)	(1)
Paper goods machine setters, operators, and tenders	42	(1)	(1)	(1)	(1)
Tire builders	14	(1)	(1)	(1)	(1)
Helpers—production workers	34	(1)	(1)	(1)	(1)
Production workers, all other	958	31.0	16.4	2.8	23.9
Transportation and material moving occupations	8,827	14.9	16.9	2.5	19.7
Supervisors, transportation and material moving workers	208	20.5	14.4	5.5	12.0
Aircraft pilots and flight engineers	141	2.6	1.8	2.4	2.5
Air traffic controllers and airfield operations specialists	27	(1)	(1)	(1)	(1)
Ambulance drivers and attendants, except emergency medical technicians	16	(1)	(1)	(1)	(1)
Bus drivers	651	49.0	30.4	1.8	12.2
Driver/sales workers and truck drivers	3,388	4.9	14.3	1.5	17.8
Taxi drivers and chauffeurs	373	13.3	26.3	10.5	18.9
Motor vehicle operators, all other	66	18.0	24.0	2.1	15.2
Locomotive engineers and operators	58	2.8	14.5	-	6.0
Railroad brake, signal, and switch operators	5	(1)	(1)	(1)	(1)
Railroad conductors and yardmasters	53	4.7	8.8	2.9	5.4
Subway, streetcar, and other rail transportation workers	18	(1)	(1)	(1)	(1)
Sailors and marine oilers	18	(1)	(1)	(1)	(1)
Ship and boat captains and operators	39	(1)	(1)	(1)	(1)
Ship engineers	5	(1)	(1)	(1)	(1)
Bridge and lock tenders	7	(1)	(1)	(1)	(1)

See footnotes at end of table.

11. Employed persons by detailed occupation, sex, race, and Hispanic or Latino ethnicity—Continued

Occupation	2008				
	Total employed (in thousands)	Percent of total:			
		Women	Black or African American	Asian	Hispanic or Latino
Parking lot attendants	83	12.6	15.7	8.7	27.3
Service station attendants	87	14.8	10.3	4.4	12.4
Transportation inspectors	51	11.3	21.5	6.5	9.2
Other transportation workers	19	(¹)	(¹)	(¹)	(¹)
Conveyor operators and tenders	5	(¹)	(¹)	(¹)	(¹)
Crane and tower operators	69	3.7	13.9	-	10.6
Dredge, excavating, and loading machine operators	60	1.2	4.5	-	15.7
Hoist and winch operators	5	(¹)	(¹)	(¹)	(¹)
Industrial truck and tractor operators	568	8.9	23.4	1.5	26.7
Cleaners of vehicles and equipment	317	9.5	17.4	.9	28.8
Laborers and freight, stock, and material movers, hand	1,889	17.1	15.9	2.4	21.2
Machine feeders and offbearers	34	(¹)	(¹)	(¹)	(¹)
Packers and packagers, hand	391	58.1	15.3	4.6	43.7
Pumping station operators	25	(¹)	(¹)	(¹)	(¹)
Refuse and recyclable material collectors	98	14.0	16.4	2.4	31.1
Shuttle car operators	5	(¹)	(¹)	(¹)	(¹)
Tank car, truck, and ship loaders	2	(¹)	(¹)	(¹)	(¹)
Material moving workers, all other	48	(¹)	(¹)	(¹)	(¹)

¹ Data not shown where base is less than 50,000.

NOTE: Updated population controls are introduced annually with the release of January data. Dash indicates no data or data that do not meet publication criteria.