

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2016				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Total, 16 years and over.....	151,436	46.8	11.9	6.1	16.7
Management, professional, and related occupations.....	59,438	51.5	9.1	8.1	9.3
Management, business, and financial operations occupations.....	24,941	43.8	8.2	6.6	9.8
Management occupations.....	17,418	39.1	7.5	6.1	9.9
Chief executives.....	1,649	27.3	3.4	6.0	5.6
General and operations managers.....	949	29.8	7.1	5.6	11.3
Legislators.....	20	—	—	—	—
Advertising and promotions managers.....	67	56.5	7.1	1.3	4.8
Marketing and sales managers.....	1,066	45.3	5.3	6.0	9.9
Public relations and fundraising managers.....	62	70.9	10.3	5.4	3.3
Administrative services managers.....	181	42.6	13.2	3.4	10.0
Computer and information systems managers.....	597	25.5	6.2	15.2	6.7
Financial managers.....	1,197	52.5	6.9	8.3	10.3
Compensation and benefits managers.....	20	—	—	—	—
Human resources managers.....	287	74.2	13.5	4.9	11.2
Training and development managers.....	58	58.5	8.3	2.1	8.5
Industrial production managers.....	275	23.2	4.9	9.2	7.4
Purchasing managers.....	203	47.4	9.1	2.9	10.6
Transportation, storage, and distribution managers.....	299	17.1	11.4	4.8	18.4
Farmers, ranchers, and other agricultural managers.....	1,042	24.8	1.0	1.0	4.7
Construction managers.....	812	7.4	3.8	2.0	11.0
Education administrators.....	954	65.1	14.3	2.2	8.8
Architectural and engineering managers.....	136	5.3	4.2	10.6	3.8
Food service managers.....	1,157	45.9	10.2	12.0	17.7
Funeral service managers.....	15	—	—	—	—
Gaming managers.....	16	—	—	—	—
Lodging managers.....	166	52.2	9.7	15.8	9.0
Medical and health services managers.....	593	72.3	13.2	5.4	10.2
Natural sciences managers.....	14	—	—	—	—
Postmasters and mail superintendents.....	25	—	—	—	—
Property, real estate, and community association managers.....	709	46.5	9.0	3.6	11.3
Social and community service managers.....	421	70.5	15.4	4.8	11.0
Emergency management directors.....	10	—	—	—	—
Managers, all other.....	4,420	34.4	7.2	6.3	10.2
Business and financial operations occupations.....	7,523	54.7	9.7	7.8	9.8
Agents and business managers of artists, performers, and athletes.....	38	—	—	—	—
Buyers and purchasing agents, farm products.....	11	—	—	—	—
Wholesale and retail buyers, except farm products.....	207	53.1	6.4	4.4	11.8
Purchasing agents, except wholesale, retail, and farm products.....	272	48.0	9.9	6.2	11.6
Claims adjusters, appraisers, examiners, and investigators.....	349	62.2	15.1	1.6	12.7
Compliance officers.....	270	57.1	12.4	7.9	10.0
Cost estimators.....	113	12.0	2.9	3.2	8.3
Human resources workers.....	693	74.6	12.8	5.2	11.3
Compensation, benefits, and job analysis specialists.....	77	72.1	17.8	7.2	8.5
Training and development specialists.....	156	60.7	12.0	3.0	10.3
Logisticians.....	115	32.3	17.0	6.9	12.0
Management analysts.....	902	41.7	9.0	10.7	7.9
Meeting, convention, and event planners.....	162	77.6	8.6	4.5	11.1
Fundraisers.....	86	66.5	4.3	1.9	4.8
Market research analysts and marketing specialists.....	302	55.0	5.0	8.8	8.3
Business operations specialists, all other.....	290	60.9	13.7	4.7	13.5
Accountants and auditors.....	1,777	61.3	8.5	10.9	9.0
Appraisers and assessors of real estate.....	73	35.6	5.5	2.2	9.5
Budget analysts.....	53	51.3	16.8	8.6	5.6
Credit analysts.....	27	—	—	—	—
Financial analysts.....	307	36.9	6.5	12.8	10.9
Personal financial advisors.....	513	31.6	6.0	7.7	7.1
Insurance underwriters.....	104	62.5	9.6	6.3	4.9
Financial examiners.....	14	—	—	—	—

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2016				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Credit counselors and loan officers.....	367	57.7	11.5	5.6	10.9
Tax examiners and collectors, and revenue agents.....	68	63.8	15.8	8.1	13.3
Tax preparers.....	108	63.2	8.5	5.3	14.9
Financial specialists, all other.....	68	55.7	16.8	5.4	13.6
Professional and related occupations.....	34,498	57.0	9.8	9.2	9.0
Computer and mathematical occupations.....	4,601	25.5	7.9	21.3	6.8
Computer and information research scientists.....	20	—	—	—	—
Computer systems analysts.....	526	35.7	10.8	17.6	6.7
Information security analysts.....	89	21.8	9.2	7.7	8.9
Computer programmers.....	466	22.6	7.6	19.8	6.7
Software developers, applications and systems software.....	1,483	20.0	4.1	35.7	4.8
Web developers.....	205	33.6	8.4	9.3	5.8
Computer support specialists.....	570	25.5	9.8	12.6	7.8
Database administrators.....	90	46.2	4.4	16.2	2.9
Network and computer systems administrators.....	218	17.1	9.6	10.8	9.4
Computer network architects.....	115	9.7	13.0	11.8	9.3
Computer occupations, all other.....	596	23.4	11.0	12.7	10.6
Actuaries.....	14	—	—	—	—
Mathematicians.....	4	—	—	—	—
Operations research analysts.....	129	55.4	11.2	12.9	10.4
Statisticians.....	74	52.5	8.4	19.8	3.9
Miscellaneous mathematical science occupations.....	2	—	—	—	—
Architecture and engineering occupations.....	3,106	14.2	5.6	11.6	8.8
Architects, except naval.....	246	26.0	3.0	11.1	8.0
Surveyors, cartographers, and photogrammetrists.....	34	—	—	—	—
Aerospace engineers.....	130	7.8	2.6	9.3	7.3
Agricultural engineers.....	2	—	—	—	—
Biomedical engineers.....	13	—	—	—	—
Chemical engineers.....	79	20.1	4.1	10.3	6.6
Civil engineers.....	425	10.8	3.6	7.7	10.4
Computer hardware engineers.....	69	24.7	5.3	29.2	12.0
Electrical and electronics engineers.....	293	10.8	7.5	15.1	9.3
Environmental engineers.....	33	—	—	—	—
Industrial engineers, including health and safety.....	220	20.3	2.7	6.6	11.2
Marine engineers and naval architects.....	13	—	—	—	—
Materials engineers.....	31	—	—	—	—
Mechanical engineers.....	350	6.4	4.2	10.5	5.5
Mining and geological engineers, including mining safety engineers.....	9	—	—	—	—
Nuclear engineers.....	7	—	—	—	—
Petroleum engineers.....	36	—	—	—	—
Engineers, all other.....	539	12.2	7.2	18.2	6.1
Drafters.....	109	15.0	4.9	4.9	22.7
Engineering technicians, except drafters.....	385	19.8	11.2	8.8	10.6
Surveying and mapping technicians.....	83	7.9	3.7	3.2	7.4
Life, physical, and social science occupations.....	1,367	44.0	6.4	16.0	8.2
Agricultural and food scientists.....	35	—	—	—	—
Biological scientists.....	96	43.4	6.5	17.2	7.0
Conservation scientists and foresters.....	31	—	—	—	—
Medical scientists.....	154	46.9	3.7	37.3	4.6
Life scientists, all other.....	3	—	—	—	—
Astronomers and physicists.....	19	—	—	—	—
Atmospheric and space scientists.....	6	—	—	—	—
Chemists and materials scientists.....	95	34.6	10.6	18.4	2.7
Environmental scientists and geoscientists.....	89	30.0	3.4	8.0	5.6
Physical scientists, all other.....	261	45.0	4.9	26.9	9.7
Economists.....	26	—	—	—	—
Survey researchers.....	3	—	—	—	—
Psychologists.....	161	67.5	5.8	4.2	6.9
Sociologists.....	3	—	—	—	—
Urban and regional planners.....	38	—	—	—	—

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

[Numbers in thousands]

Occupation	2016				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Miscellaneous social scientists and related workers.....	39	—	—	—	—
Agricultural and food science technicians.....	35	—	—	—	—
Biological technicians.....	17	—	—	—	—
Chemical technicians.....	76	34.6	14.9	8.2	12.9
Geological and petroleum technicians.....	18	—	—	—	—
Nuclear technicians.....	5	—	—	—	—
Social science research assistants.....	2	—	—	—	—
Miscellaneous life, physical, and social science technicians.....	155	51.0	8.0	13.0	11.6
Community and social service occupations.....	2,612	65.5	18.6	3.4	12.1
Counselors.....	869	73.0	19.6	2.7	11.6
Social workers.....	781	81.5	22.7	3.0	13.8
Probation officers and correctional treatment specialists.....	102	57.4	21.0	1.3	14.3
Social and human service assistants.....	184	80.5	21.6	2.6	14.1
Miscellaneous community and social service specialists, including health educators and community health workers.....	89	74.9	20.4	2.5	16.1
Clergy.....	436	17.6	11.8	5.9	9.1
Directors, religious activities and education.....	78	55.0	3.1	4.2	9.9
Religious workers, all other.....	73	64.4	7.4	7.9	8.0
Legal occupations.....	1,808	51.8	6.3	4.1	8.4
Lawyers.....	1,133	35.7	4.4	4.7	5.6
Judicial law clerks.....	15	—	—	—	—
Judges, magistrates, and other judicial workers.....	59	34.2	11.0	1.2	3.5
Paralegals and legal assistants.....	433	86.7	10.2	3.5	16.2
Miscellaneous legal support workers.....	168	77.0	8.4	1.9	8.7
Education, training, and library occupations.....	8,948	73.1	10.0	4.7	10.0
Postsecondary teachers.....	1,420	48.3	7.0	12.3	6.9
Preschool and kindergarten teachers.....	692	97.5	12.5	3.4	13.3
Elementary and middle school teachers.....	3,186	78.5	10.3	2.4	9.8
Secondary school teachers.....	1,078	60.5	8.0	2.0	7.9
Special education teachers.....	353	85.2	8.6	2.2	6.5
Other teachers and instructors.....	868	65.3	10.3	7.2	10.6
Archivists, curators, and museum technicians.....	43	—	—	—	—
Librarians.....	190	83.8	7.5	5.8	7.1
Library technicians.....	37	—	—	—	—
Teacher assistants.....	950	89.3	14.8	3.4	17.3
Other education, training, and library workers.....	132	71.4	12.2	6.3	9.7
Arts, design, entertainment, sports, and media occupations.....	3,097	48.5	6.6	5.5	10.6
Artists and related workers.....	232	56.6	3.6	3.6	9.9
Designers.....	878	54.8	5.1	8.4	10.6
Actors.....	47	—	—	—	—
Producers and directors.....	173	38.5	3.6	4.6	6.3
Athletes, coaches, umpires, and related workers.....	312	34.2	8.4	2.2	11.7
Dancers and choreographers.....	17	—	—	—	—
Musicians, singers, and related workers.....	192	40.4	14.6	3.7	9.3
Entertainers and performers, sports and related workers, all other.....	49	—	—	—	—
Announcers.....	59	20.9	16.6	4.0	20.7
News analysts, reporters and correspondents.....	73	48.8	3.6	9.6	10.5
Public relations specialists.....	121	58.9	8.2	1.7	7.3
Editors.....	167	52.4	1.9	6.6	6.0
Technical writers.....	61	55.7	7.8	4.1	7.8
Writers and authors.....	229	62.8	3.4	2.5	5.6
Miscellaneous media and communication workers.....	116	68.7	11.3	13.0	37.8
Broadcast and sound engineering technicians and radio operators.....	111	15.2	13.1	2.4	12.1
Photographers.....	205	47.7	5.7	5.7	8.4
Television, video, and motion picture camera operators and editors.....	54	21.4	3.1	3.8	11.4
Media and communication equipment workers, all other.....	1	—	—	—	—
Healthcare practitioners and technical occupations.....	8,960	75.6	11.8	9.6	7.8
Chiropractors.....	51	27.4	1.7	4.6	9.8
Dentists.....	163	34.4	3.2	20.2	9.5
Dietitians and nutritionists.....	120	89.4	15.9	6.1	4.9

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2016				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Optometrists.....	36	—	—	—	—
Pharmacists.....	306	59.9	10.1	18.1	4.6
Physicians and surgeons.....	1,061	38.2	7.5	19.3	5.9
Physician assistants.....	92	70.0	3.2	11.5	6.0
Podiatrists.....	12	—	—	—	—
Audiologists.....	15	—	—	—	—
Occupational therapists.....	118	89.2	7.5	8.2	6.3
Physical therapists.....	290	69.3	5.2	9.5	5.3
Radiation therapists.....	13	—	—	—	—
Recreational therapists.....	11	—	—	—	—
Respiratory therapists.....	84	73.5	8.5	5.2	8.7
Speech-language pathologists.....	162	97.5	2.9	3.2	9.0
Exercise physiologists.....	2	—	—	—	—
Therapists, all other.....	205	82.6	9.2	6.1	15.7
Veterinarians.....	101	63.2	2.1	3.7	0.3
Registered nurses.....	3,102	90.0	11.9	9.0	6.6
Nurse anesthetists.....	23	—	—	—	—
Nurse midwives.....	6	—	—	—	—
Nurse practitioners.....	176	94.0	8.5	6.2	3.5
Health diagnosing and treating practitioners, all other.....	32	—	—	—	—
Clinical laboratory technologists and technicians.....	361	68.5	16.5	10.6	13.0
Dental hygienists.....	169	97.1	5.2	2.7	9.2
Diagnostic related technologists and technicians.....	311	73.0	9.8	5.4	8.8
Emergency medical technicians and paramedics.....	194	35.7	12.4	2.3	12.1
Health practitioner support technologists and technicians.....	610	79.5	12.7	8.8	12.2
Licensed practical and licensed vocational nurses.....	653	90.0	30.3	4.2	10.1
Medical records and health information technicians.....	184	92.1	10.7	5.3	6.4
Opticians, dispensing.....	55	69.7	7.3	2.2	11.6
Miscellaneous health technologists and technicians.....	130	65.6	24.3	11.9	9.7
Other healthcare practitioners and technical occupations.....	114	51.7	13.5	3.4	11.9
Service occupations.....	26,811	56.6	16.8	5.5	23.9
Healthcare support occupations.....	3,554	87.7	27.3	5.5	16.9
Nursing, psychiatric, and home health aides.....	2,058	88.1	37.5	5.8	14.6
Occupational therapy assistants and aides.....	20	—	—	—	—
Physical therapist assistants and aides.....	70	69.4	6.4	6.3	10.4
Massage therapists.....	170	80.7	6.8	7.7	9.6
Dental assistants.....	294	93.3	11.4	6.5	24.1
Medical assistants.....	570	92.9	14.3	4.1	28.6
Medical transcriptionists.....	39	—	—	—	—
Pharmacy aides.....	36	—	—	—	—
Veterinary assistants and laboratory animal caretakers.....	39	—	—	—	—
Phlebotomists.....	101	86.5	22.0	3.6	16.2
Miscellaneous healthcare support occupations, including medical equipment preparers.....	156	73.9	26.0	4.0	7.9
Protective service occupations.....	3,117	22.3	19.0	2.8	14.1
First-line supervisors of correctional officers.....	61	34.0	23.3	2.6	17.3
First-line supervisors of police and detectives.....	114	18.3	12.3	0.2	10.6
First-line supervisors of fire fighting and prevention workers.....	44	—	—	—	—
First-line supervisors of protective service workers, all other.....	88	23.5	16.9	3.0	11.7
Firefighters.....	252	3.5	6.8	1.4	7.7
Fire inspectors.....	27	—	—	—	—
Bailiffs, correctional officers, and jailers.....	383	28.2	25.5	1.9	12.9
Detectives and criminal investigators.....	130	23.6	6.9	4.0	7.6
Fish and game wardens.....	9	—	—	—	—
Parking enforcement workers.....	8	—	—	—	—
Police and sheriff's patrol officers.....	708	14.1	12.0	2.7	16.0
Transit and railroad police.....	2	—	—	—	—
Animal control workers.....	9	—	—	—	—
Private detectives and investigators.....	94	44.0	11.5	4.5	6.7
Security guards and gaming surveillance officers.....	923	22.0	30.4	4.0	17.6

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ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2016				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Crossing guards.....	72	60.4	26.4	1.5	15.5
Transportation security screeners.....	44	—	—	—	—
Lifeguards and other recreational, and all other protective service workers... ..	149	44.2	8.7	1.2	11.4
Food preparation and serving related occupations.....	8,542	53.5	13.8	5.8	25.8
Chefs and head cooks.....	460	21.4	14.7	11.6	23.0
First-line supervisors of food preparation and serving workers.....	543	57.7	15.5	5.3	17.6
Cooks.....	2,179	38.7	17.3	4.8	35.0
Food preparation workers.....	1,000	58.2	14.9	6.7	29.3
Bartenders.....	454	56.1	7.4	2.5	17.0
Combined food preparation and serving workers, including fast food.....	420	63.5	18.0	3.3	20.2
Counter attendants, cafeteria, food concession, and coffee shop.....	214	67.2	11.4	5.7	18.0
Waiters and waitresses.....	2,085	70.0	9.4	6.6	20.9
Food servers, nonrestaurant.....	213	71.3	16.3	5.7	22.5
Dining room and cafeteria attendants and bartender helpers.....	331	42.9	15.3	6.4	27.8
Dishwashers.....	319	18.0	16.3	5.9	35.4
Hosts and hostesses, restaurant, lounge, and coffee shop.....	319	80.8	8.8	3.8	16.3
Food preparation and serving related workers, all other.....	3	—	—	—	—
Building and grounds cleaning and maintenance occupations.....	5,804	40.1	14.6	2.9	38.2
First-line supervisors of housekeeping and janitorial workers.....	323	39.9	16.0	1.2	28.4
First-line supervisors of landscaping, lawn service, and groundskeeping workers.....	231	4.6	5.1	1.0	24.6
Janitors and building cleaners.....	2,276	34.2	17.9	3.4	32.8
Maids and housekeeping cleaners.....	1,485	89.6	17.3	4.2	47.3
Pest control workers.....	79	2.6	6.2	0.2	14.6
Grounds maintenance workers.....	1,411	5.4	8.1	1.4	43.1
Personal care and service occupations.....	5,795	77.3	15.9	9.3	16.3
First-line supervisors of gaming workers.....	206	46.4	4.8	4.1	11.6
First-line supervisors of personal service workers.....	191	70.5	9.2	15.5	10.6
Animal trainers.....	61	47.3	1.2	1.3	11.7
Nonfarm animal caretakers.....	233	76.9	4.7	2.4	11.7
Gaming services workers.....	92	47.9	8.0	28.2	9.8
Motion picture projectionists.....	6	—	—	—	—
Ushers, lobby attendants, and ticket takers.....	40	—	—	—	—
Miscellaneous entertainment attendants and related workers.....	199	41.0	15.7	6.4	9.8
Embalmers and funeral attendants.....	12	—	—	—	—
Morticians, undertakers, and funeral directors.....	40	—	—	—	—
Barbers.....	126	11.7	39.9	3.3	19.6
Hairdressers, hairstylists, and cosmetologists.....	806	92.4	12.4	5.2	16.5
Miscellaneous personal appearance workers.....	364	86.1	9.5	57.8	9.2
Baggage porters, bellhops, and concierges.....	66	17.5	18.4	8.1	31.8
Tour and travel guides.....	53	40.2	13.0	5.7	11.4
Childcare workers.....	1,280	94.4	17.1	2.8	20.9
Personal care aides.....	1,396	84.9	24.4	10.2	20.6
Recreation and fitness workers.....	440	62.2	10.0	1.0	7.8
Residential advisors.....	42	—	—	—	—
Personal care and service workers, all other.....	142	56.5	14.4	4.4	12.6
Sales and office occupations.....	33,539	61.2	12.6	5.2	15.6
Sales and related occupations.....	15,848	49.0	11.0	5.7	15.7
First-line supervisors of retail sales workers.....	3,282	44.1	8.9	6.1	14.7
First-line supervisors of non-retail sales workers.....	1,180	26.8	6.8	6.7	13.6
Cashiers.....	3,260	73.2	17.8	7.2	20.7
Counter and rental clerks.....	105	46.6	14.0	3.2	22.6
Parts salespersons.....	117	13.8	7.5	3.1	17.9
Retail salespersons.....	3,312	48.4	12.3	5.3	18.2
Advertising sales agents.....	222	45.5	12.0	4.0	11.7
Insurance sales agents.....	630	46.5	11.0	4.6	11.7
Securities, commodities, and financial services sales agents.....	263	30.4	7.1	7.2	8.9
Travel agents.....	83	84.7	2.6	10.3	11.3
Sales representatives, services, all other.....	512	31.8	8.5	3.9	11.3
Sales representatives, wholesale and manufacturing.....	1,308	29.1	4.8	4.3	10.7

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[Numbers in thousands]

Occupation	2016				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Models, demonstrators, and product promoters.....	59	67.4	9.6	3.0	9.3
Real estate brokers and sales agents.....	977	55.5	6.9	4.6	10.2
Sales engineers.....	43	—	—	—	—
Telemarketers.....	61	64.0	34.9	4.8	19.7
Door-to-door sales workers, news and street vendors, and related workers...	160	62.5	9.1	3.4	22.3
Sales and related workers, all other.....	274	47.2	9.7	3.2	12.1
Office and administrative support occupations.....	17,691	72.1	14.1	4.7	15.6
First-line supervisors of office and administrative support workers.....	1,352	68.5	11.1	4.6	13.6
Switchboard operators, including answering service.....	25	—	—	—	—
Telephone operators.....	41	—	—	—	—
Communications equipment operators, all other.....	5	—	—	—	—
Bill and account collectors.....	152	67.4	25.1	2.0	19.3
Billing and posting clerks.....	452	89.0	14.0	4.6	15.8
Bookkeeping, accounting, and auditing clerks.....	1,137	88.5	7.7	4.9	11.9
Gaming cage workers.....	12	—	—	—	—
Payroll and timekeeping clerks.....	129	90.7	10.4	8.1	13.2
Procurement clerks.....	27	—	—	—	—
Tellers.....	342	81.7	12.5	5.3	17.5
Financial clerks, all other.....	69	63.9	14.6	9.1	14.2
Brokerage clerks.....	3	—	—	—	—
Correspondence clerks.....	7	—	—	—	—
Court, municipal, and license clerks.....	80	71.1	18.9	2.4	19.6
Credit authorizers, checkers, and clerks.....	44	—	—	—	—
Customer service representatives.....	2,388	65.0	16.9	4.5	18.3
Eligibility interviewers, government programs.....	77	75.2	27.6	6.6	19.4
File clerks.....	183	82.7	21.2	5.7	11.6
Hotel, motel, and resort desk clerks.....	138	66.1	17.2	9.7	21.5
Interviewers, except eligibility and loan.....	152	88.1	20.7	5.2	11.6
Library assistants, clerical.....	87	86.2	12.5	1.4	10.5
Loan interviewers and clerks.....	132	79.0	10.8	5.4	13.8
New accounts clerks.....	24	—	—	—	—
Order clerks.....	105	57.3	8.1	4.1	21.5
Human resources assistants, except payroll and timekeeping.....	42	—	—	—	—
Receptionists and information clerks.....	1,331	90.1	13.0	3.7	18.4
Reservation and transportation ticket agents and travel clerks.....	144	55.1	24.8	8.2	20.0
Information and record clerks, all other.....	118	71.9	19.8	3.6	7.9
Cargo and freight agents.....	27	—	—	—	—
Couriers and messengers.....	227	18.4	22.1	6.0	19.3
Dispatchers.....	292	55.7	12.8	3.1	16.6
Meter readers, utilities.....	31	—	—	—	—
Postal service clerks.....	121	53.7	23.9	12.1	8.7
Postal service mail carriers.....	320	38.9	18.6	8.3	12.3
Postal service mail sorters, processors, and processing machine operators...	60	42.4	34.3	7.5	9.7
Production, planning, and expediting clerks.....	245	51.5	8.6	4.2	9.1
Shipping, receiving, and traffic clerks.....	546	33.9	16.1	2.2	21.7
Stock clerks and order fillers.....	1,530	37.0	18.8	4.8	19.5
Weighers, measurers, checkers, and samplers, recordkeeping.....	51	52.0	17.8	1.7	19.2
Secretaries and administrative assistants.....	2,744	94.6	8.6	3.2	11.8
Computer operators.....	91	50.8	13.8	4.1	14.3
Data entry keyers.....	272	77.6	13.4	9.1	20.9
Word processors and typists.....	82	88.9	14.3	4.1	11.2
Desktop publishers.....	0	—	—	—	—
Insurance claims and policy processing clerks.....	273	85.2	17.9	6.7	11.4
Mail clerks and mail machine operators, except postal service.....	77	43.5	21.7	1.0	21.2
Office clerks, general.....	1,295	82.8	14.6	6.9	16.9
Office machine operators, except computer.....	35	—	—	—	—
Proofreaders and copy markers.....	12	—	—	—	—
Statistical assistants.....	9	—	—	—	—
Office and administrative support workers, all other.....	551	75.8	13.6	4.3	11.6

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2016				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Natural resources, construction, and maintenance occupations.....	13,904	4.7	7.3	2.2	29.6
Farming, fishing, and forestry occupations.....	1,096	22.3	4.9	1.8	45.0
First-line supervisors of farming, fishing, and forestry workers.....	48	—	—	—	—
Agricultural inspectors.....	19	—	—	—	—
Animal breeders.....	7	—	—	—	—
Graders and sorters, agricultural products.....	85	65.5	20.4	6.3	40.7
Miscellaneous agricultural workers.....	818	21.0	2.7	1.3	52.5
Fishers and related fishing workers.....	29	—	—	—	—
Hunters and trappers.....	1	—	—	—	—
Forest and conservation workers.....	21	—	—	—	—
Logging workers.....	68	0.9	11.2	0.0	5.1
Construction and extraction occupations.....	7,929	3.0	6.8	1.7	34.0
First-line supervisors of construction trades and extraction workers.....	680	2.6	5.5	1.5	22.5
Boilermakers.....	23	—	—	—	—
Brickmasons, blockmasons, and stonemasons.....	160	0.5	6.4	0.5	45.5
Carpenters.....	1,359	2.1	5.4	1.2	33.9
Carpet, floor, and tile installers and finishers.....	168	1.9	3.5	0.9	50.8
Cement masons, concrete finishers, and terrazzo workers.....	56	2.2	10.5	1.6	48.8
Construction laborers.....	1,801	3.5	8.1	2.2	45.5
Paving, surfacing, and tamping equipment operators.....	13	—	—	—	—
Pile-driver operators.....	2	—	—	—	—
Operating engineers and other construction equipment operators.....	351	2.3	8.7	0.2	19.3
Drywall installers, ceiling tile installers, and tapers.....	180	1.1	6.7	0.5	62.7
Electricians.....	774	3.0	5.9	3.1	16.8
Glaziers.....	54	1.4	5.0	0.0	21.2
Insulation workers.....	50	5.2	7.7	0.5	33.8
Painters, construction and maintenance.....	612	6.2	5.7	3.6	50.7
Paperhangers.....	4	—	—	—	—
Pipelayers, plumbers, pipefitters, and steamfitters.....	583	1.4	7.5	0.9	21.2
Plasterers and stucco masons.....	34	—	—	—	—
Reinforcing iron and rebar workers.....	12	—	—	—	—
Roofers.....	230	1.7	4.9	1.1	51.7
Sheet metal workers.....	126	2.9	6.7	2.1	16.7
Structural iron and steel workers.....	60	2.0	10.7	1.9	10.8
Solar photovoltaic installers.....	10	—	—	—	—
Helpers, construction trades.....	57	6.2	9.2	0.9	42.5
Construction and building inspectors.....	93	6.4	11.8	2.4	9.9
Elevator installers and repairers.....	44	—	—	—	—
Fence erectors.....	43	—	—	—	—
Hazardous materials removal workers.....	34	—	—	—	—
Highway maintenance workers.....	92	3.2	9.6	0.2	15.1
Rail-track laying and maintenance equipment operators.....	10	—	—	—	—
Septic tank servicers and sewer pipe cleaners.....	10	—	—	—	—
Miscellaneous construction and related workers.....	34	—	—	—	—
Derrick, rotary drill, and service unit operators, oil, gas, and mining.....	25	—	—	—	—
Earth drillers, except oil and gas.....	33	—	—	—	—
Explosives workers, ordnance handling experts, and blasters.....	11	—	—	—	—
Mining machine operators.....	55	1.5	7.1	0.0	11.6
Roof bolters, mining.....	4	—	—	—	—
Roustabouts, oil and gas.....	6	—	—	—	—
Helpers--extraction workers.....	4	—	—	—	—
Other extraction workers.....	32	—	—	—	—
Installation, maintenance, and repair occupations.....	4,879	3.6	8.8	3.2	19.0
First-line supervisors of mechanics, installers, and repairers.....	264	10.1	10.2	2.0	10.4
Computer, automated teller, and office machine repairers.....	212	9.6	13.0	10.0	12.0
Radio and telecommunications equipment installers and repairers.....	143	16.1	16.3	5.3	15.8
Avionics technicians.....	7	—	—	—	—
Electric motor, power tool, and related repairers.....	25	—	—	—	—
Electrical and electronics installers and repairers, transportation equipment..	2	—	—	—	—
Electrical and electronics repairers, industrial and utility.....	13	—	—	—	—

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2016				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Electronic equipment installers and repairers, motor vehicles.....	10	—	—	—	—
Electronic home entertainment equipment installers and repairers.....	44	—	—	—	—
Security and fire alarm systems installers.....	79	1.8	5.6	4.2	24.2
Aircraft mechanics and service technicians.....	140	1.7	3.3	6.0	18.5
Automotive body and related repairers.....	147	3.6	5.2	3.0	24.1
Automotive glass installers and repairers.....	22	—	—	—	—
Automotive service technicians and mechanics.....	879	1.7	9.6	4.3	23.3
Bus and truck mechanics and diesel engine specialists.....	342	0.8	7.0	1.9	16.1
Heavy vehicle and mobile equipment service technicians and mechanics. ...	203	0.5	3.8	1.9	16.9
Small engine mechanics.....	51	3.5	11.0	0.0	6.6
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers.....	87	1.7	10.8	2.0	31.6
Control and valve installers and repairers.....	33	—	—	—	—
Heating, air conditioning, and refrigeration mechanics and installers.....	427	1.4	7.0	1.3	21.9
Home appliance repairers.....	49	—	—	—	—
Industrial and refractory machinery mechanics.....	393	3.3	8.5	1.9	15.0
Maintenance and repair workers, general.....	552	3.0	10.6	2.2	19.8
Maintenance workers, machinery.....	21	—	—	—	—
Millwrights.....	40	—	—	—	—
Electrical power-line installers and repairers.....	136	0.6	7.7	0.9	10.5
Telecommunications line installers and repairers.....	171	2.5	16.1	5.2	20.9
Precision instrument and equipment repairers.....	66	14.9	4.5	3.9	13.9
Wind turbine service technicians.....	5	—	—	—	—
Coin, vending, and amusement machine servicers and repairers.....	38	—	—	—	—
Commercial divers.....	1	—	—	—	—
Locksmiths and safe repairers.....	30	—	—	—	—
Manufactured building and mobile home installers.....	10	—	—	—	—
Riggers.....	13	—	—	—	—
Signal and track switch repairers.....	7	—	—	—	—
Helpers--installation, maintenance, and repair workers.....	19	—	—	—	—
Other installation, maintenance, and repair workers.....	198	6.1	5.8	3.9	22.9
Production, transportation, and material moving occupations.....	17,743	22.1	15.8	4.8	22.2
Production occupations.....	8,459	28.2	12.9	5.9	22.3
First-line supervisors of production and operating workers.....	763	18.7	9.7	3.9	15.0
Aircraft structure, surfaces, rigging, and systems assemblers.....	5	—	—	—	—
Electrical, electronics, and electromechanical assemblers.....	117	49.3	14.1	16.9	22.5
Engine and other machine assemblers.....	9	—	—	—	—
Structural metal fabricators and fitters.....	22	—	—	—	—
Miscellaneous assemblers and fabricators.....	1,082	34.4	17.8	7.2	19.6
Bakers.....	224	64.8	13.9	7.2	27.3
Butchers and other meat, poultry, and fish processing workers.....	277	26.9	19.8	9.9	34.6
Food and tobacco roasting, baking, and drying machine operators and tenders.....	24	—	—	—	—
Food batchmakers.....	107	58.7	14.2	3.1	30.6
Food cooking machine operators and tenders.....	10	—	—	—	—
Food processing workers, all other.....	138	37.4	23.3	7.4	35.3
Computer control programmers and operators.....	87	5.2	6.3	4.3	12.3
Extruding and drawing machine setters, operators, and tenders, metal and plastic.....	13	—	—	—	—
Forging machine setters, operators, and tenders, metal and plastic.....	5	—	—	—	—
Rolling machine setters, operators, and tenders, metal and plastic.....	13	—	—	—	—
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic.....	83	18.3	5.8	0.6	22.3
Drilling and boring machine tool setters, operators, and tenders, metal and plastic.....	8	—	—	—	—
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic.....	48	—	—	—	—
Lathe and turning machine tool setters, operators, and tenders, metal and plastic.....	14	—	—	—	—
Milling and planing machine setters, operators, and tenders, metal and plastic.....	6	—	—	—	—

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2016				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Machinists.....	356	3.4	5.4	6.8	13.0
Metal furnace operators, tenders, pourers, and casters.....	31	—	—	—	—
Model makers and patternmakers, metal and plastic.....	4	—	—	—	—
Molders and molding machine setters, operators, and tenders, metal and plastic.....	33	—	—	—	—
Multiple machine tool setters, operators, and tenders, metal and plastic.....	3	—	—	—	—
Tool and die makers.....	50	3.0	2.4	0.0	12.3
Welding, soldering, and brazing workers.....	603	4.1	10.0	2.8	23.6
Heat treating equipment setters, operators, and tenders, metal and plastic...	3	—	—	—	—
Layout workers, metal and plastic.....	7	—	—	—	—
Plating and coating machine setters, operators, and tenders, metal and plastic.....	20	—	—	—	—
Tool grinders, filers, and sharpeners.....	5	—	—	—	—
Metal workers and plastic workers, all other.....	379	20.0	15.3	7.3	22.1
Prepress technicians and workers.....	22	—	—	—	—
Printing press operators.....	205	20.3	6.7	4.7	15.9
Print binding and finishing workers.....	14	—	—	—	—
Laundry and dry-cleaning workers.....	188	58.1	21.4	7.9	34.0
Pressers, textile, garment, and related materials.....	36	—	—	—	—
Sewing machine operators.....	208	71.5	8.0	12.1	46.9
Shoe and leather workers and repairers.....	8	—	—	—	—
Shoe machine operators and tenders.....	2	—	—	—	—
Tailors, dressmakers, and sewers.....	79	79.7	7.8	22.6	19.3
Textile bleaching and dyeing machine operators and tenders.....	2	—	—	—	—
Textile cutting machine setters, operators, and tenders.....	9	—	—	—	—
Textile knitting and weaving machine setters, operators, and tenders.....	13	—	—	—	—
Textile winding, twisting, and drawing out machine setters, operators, and tenders.....	11	—	—	—	—
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers.....	0	—	—	—	—
Fabric and apparel patternmakers.....	1	—	—	—	—
Upholsterers.....	36	—	—	—	—
Textile, apparel, and furnishings workers, all other.....	20	—	—	—	—
Cabinetmakers and bench carpenters.....	56	11.9	6.7	0.0	15.7
Furniture finishers.....	19	—	—	—	—
Model makers and patternmakers, wood.....	0	—	—	—	—
Sawing machine setters, operators, and tenders, wood.....	35	—	—	—	—
Woodworking machine setters, operators, and tenders, except sawing.....	23	—	—	—	—
Woodworkers, all other.....	34	—	—	—	—
Power plant operators, distributors, and dispatchers.....	44	—	—	—	—
Stationary engineers and boiler operators.....	78	4.7	9.6	5.0	14.1
Water and wastewater treatment plant and system operators.....	77	5.2	13.9	2.1	6.8
Miscellaneous plant and system operators.....	38	—	—	—	—
Chemical processing machine setters, operators, and tenders.....	54	10.2	3.7	1.5	15.8
Crushing, grinding, polishing, mixing, and blending workers.....	94	11.9	12.2	1.5	35.3
Cutting workers.....	67	22.3	7.2	4.1	37.2
Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	29	—	—	—	—
Furnace, kiln, oven, drier, and kettle operators and tenders.....	16	—	—	—	—
Inspectors, testers, sorters, samplers, and weighers.....	734	37.9	12.8	7.4	17.7
Jewelers and precious stone and metal workers.....	40	—	—	—	—
Medical, dental, and ophthalmic laboratory technicians.....	85	51.4	8.4	11.8	11.3
Packaging and filling machine operators and tenders.....	236	50.5	16.1	6.2	43.1
Painting workers.....	173	8.9	8.8	1.8	28.4
Photographic process workers and processing machine operators.....	29	—	—	—	—
Semiconductor processors.....	2	—	—	—	—
Adhesive bonding machine operators and tenders.....	11	—	—	—	—
Cleaning, washing, and metal pickling equipment operators and tenders.....	3	—	—	—	—
Cooling and freezing equipment operators and tenders.....	0	—	—	—	—
Etchers and engravers.....	6	—	—	—	—
Molders, shapers, and casters, except metal and plastic.....	24	—	—	—	—

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2016				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Paper goods machine setters, operators, and tenders.....	33	—	—	—	—
Tire builders.....	10	—	—	—	—
Helpers--production workers.....	40	—	—	—	—
Production workers, all other.....	968	29.4	17.1	5.4	22.1
Transportation and material moving occupations.....	9,284	16.5	18.4	3.8	22.1
Supervisors of transportation and material moving workers.....	190	21.4	13.4	3.2	21.2
Aircraft pilots and flight engineers.....	141	5.2	3.0	0.5	7.7
Air traffic controllers and airfield operations specialists.....	26	—	—	—	—
Flight attendants.....	93	75.8	13.7	6.4	16.1
Ambulance drivers and attendants, except emergency medical technicians...	19	—	—	—	—
Bus drivers.....	553	48.7	29.4	3.3	11.8
Driver/sales workers and truck drivers.....	3,542	6.0	14.8	2.6	21.3
Taxi drivers and chauffeurs.....	500	14.3	28.7	16.0	12.6
Motor vehicle operators, all other.....	63	8.8	13.7	2.3	14.6
Locomotive engineers and operators.....	52	3.2	20.8	0.6	7.8
Railroad brake, signal, and switch operators.....	2	—	—	—	—
Railroad conductors and yardmasters.....	55	4.7	21.3	4.3	6.0
Subway, streetcar, and other rail transportation workers.....	15	—	—	—	—
Sailors and marine oilers.....	16	—	—	—	—
Ship and boat captains and operators.....	31	—	—	—	—
Ship engineers.....	4	—	—	—	—
Bridge and lock tenders.....	2	—	—	—	—
Parking lot attendants.....	89	10.7	24.3	7.3	28.5
Automotive and watercraft service attendants.....	97	8.6	9.9	6.4	18.1
Transportation inspectors.....	26	—	—	—	—
Transportation attendants, except flight attendants.....	41	—	—	—	—
Other transportation workers.....	34	—	—	—	—
Conveyor operators and tenders.....	3	—	—	—	—
Crane and tower operators.....	63	0.8	13.0	0.5	13.7
Dredge, excavating, and loading machine operators.....	37	—	—	—	—
Hoist and winch operators.....	9	—	—	—	—
Industrial truck and tractor operators.....	605	9.6	26.0	2.3	28.0
Cleaners of vehicles and equipment.....	328	13.0	18.0	2.5	29.4
Laborers and freight, stock, and material movers, hand.....	1,900	18.1	19.9	3.2	23.4
Machine feeders and offbearers.....	30	—	—	—	—
Packers and packagers, hand.....	550	54.5	18.9	7.1	43.6
Pumping station operators.....	16	—	—	—	—
Refuse and recyclable material collectors.....	101	8.6	16.4	0.5	23.5
Mine shuttle car operators.....	0	—	—	—	—
Tank car, truck, and ship loaders.....	4	—	—	—	—
Material moving workers, all other.....	45	—	—	—	—

NOTE: Estimates for the above race groups (White, Black or African American, and Asian) do not sum to totals because data are not presented for all races. Persons whose ethnicity is identified as Hispanic or Latino may be of any race. Updated population controls are introduced annually with the release of January data. Dash indicates no data or data that do not meet publication criteria (values not shown where base is less than 50,000).