

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2015				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Total, 16 years and over.....	148,834	46.8	11.7	5.8	16.4
Management, professional, and related occupations.....	57,960	51.5	9.2	7.7	9.1
Management, business, and financial operations occupations.....	24,108	43.6	8.2	6.3	9.4
Management occupations.....	16,994	39.2	7.3	5.6	9.7
Chief executives.....	1,517	27.9	3.6	4.7	5.5
General and operations managers.....	899	27.6	6.9	4.7	10.8
Legislators.....	13	—	—	—	—
Advertising and promotions managers.....	67	53.6	0.0	5.5	6.6
Marketing and sales managers.....	1,006	43.2	6.2	5.8	9.7
Public relations and fundraising managers.....	61	59.2	10.6	5.2	5.6
Administrative services managers.....	195	47.7	9.9	3.0	7.2
Computer and information systems managers.....	652	27.2	5.6	14.2	4.8
Financial managers.....	1,197	49.6	7.2	7.9	9.4
Compensation and benefits managers.....	23	—	—	—	—
Human resources managers.....	290	73.3	11.9	2.2	10.8
Training and development managers.....	41	—	—	—	—
Industrial production managers.....	280	18.3	5.1	4.3	6.7
Purchasing managers.....	198	44.8	11.4	7.2	12.9
Transportation, storage, and distribution managers.....	263	21.1	8.2	3.4	19.2
Farmers, ranchers, and other agricultural managers.....	1,052	23.9	0.9	0.6	4.3
Construction managers.....	737	6.7	3.3	3.2	12.9
Education administrators.....	928	65.7	13.4	3.8	9.3
Architectural and engineering managers.....	110	7.4	6.3	7.6	9.0
Food service managers.....	1,192	47.1	11.1	10.6	17.0
Funeral service managers.....	15	—	—	—	—
Gaming managers.....	23	—	—	—	—
Lodging managers.....	159	53.5	7.2	10.9	16.8
Medical and health services managers.....	636	73.7	13.1	5.2	8.0
Natural sciences managers.....	25	—	—	—	—
Postmasters and mail superintendents.....	24	—	—	—	—
Property, real estate, and community association managers.....	685	50.9	7.6	3.6	11.1
Social and community service managers.....	378	67.4	12.1	5.3	9.9
Emergency management directors.....	10	—	—	—	—
Managers, all other.....	4,315	34.3	7.2	5.4	10.1
Business and financial operations occupations.....	7,114	54.3	10.3	7.9	8.8
Agents and business managers of artists, performers, and athletes.....	46	—	—	—	—
Buyers and purchasing agents, farm products.....	10	—	—	—	—
Wholesale and retail buyers, except farm products.....	190	52.7	6.3	7.5	11.0
Purchasing agents, except wholesale, retail, and farm products.....	280	49.7	6.7	5.8	11.5
Claims adjusters, appraisers, examiners, and investigators.....	321	55.3	14.6	3.1	10.4
Compliance officers.....	246	49.0	11.4	4.2	9.5
Cost estimators.....	112	17.8	0.4	3.0	8.1
Human resources workers.....	662	74.0	15.4	4.9	10.7
Compensation, benefits, and job analysis specialists.....	68	73.0	14.1	6.9	8.4
Training and development specialists.....	118	62.1	13.7	2.0	7.0
Logisticians.....	117	40.9	14.4	4.2	20.2
Management analysts.....	848	39.7	9.3	10.1	5.9
Meeting, convention, and event planners.....	159	78.6	11.1	5.6	12.3
Fundraisers.....	77	73.4	7.2	1.1	1.9
Market research analysts and marketing specialists.....	261	58.8	4.8	6.9	9.7
Business operations specialists, all other.....	213	56.7	9.2	7.0	9.0
Accountants and auditors.....	1,732	59.7	9.5	11.3	7.4
Appraisers and assessors of real estate.....	76	39.3	5.9	0.9	3.9
Budget analysts.....	44	—	—	—	—
Credit analysts.....	21	—	—	—	—
Financial analysts.....	322	43.0	11.1	16.2	6.4
Personal financial advisors.....	498	37.9	7.6	7.4	9.4
Insurance underwriters.....	107	58.6	8.9	5.8	5.3
Financial examiners.....	15	—	—	—	—

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2015				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Credit counselors and loan officers.....	332	54.6	14.0	6.0	10.6
Tax examiners and collectors, and revenue agents.....	58	65.5	17.0	9.4	13.5
Tax preparers.....	109	61.4	14.4	4.7	18.8
Financial specialists, all other.....	71	54.6	6.7	8.5	7.6
Professional and related occupations.....	33,852	57.2	9.8	8.7	8.8
Computer and mathematical occupations.....	4,369	24.7	8.6	19.9	6.8
Computer and information research scientists.....	24	—	—	—	—
Computer systems analysts.....	552	34.2	9.6	19.6	6.9
Information security analysts.....	70	19.7	3.0	3.4	5.2
Computer programmers.....	480	21.0	7.0	18.9	6.9
Software developers, applications and systems software.....	1,353	17.9	5.0	33.8	5.4
Web developers.....	204	34.3	9.1	9.6	6.2
Computer support specialists.....	475	26.4	12.5	9.6	8.4
Database administrators.....	93	38.0	6.2	9.6	2.1
Network and computer systems administrators.....	218	15.9	11.5	10.4	9.4
Computer network architects.....	114	12.1	8.9	16.5	6.5
Computer occupations, all other.....	547	24.3	11.8	12.0	9.5
Actuaries.....	21	—	—	—	—
Mathematicians.....	6	—	—	—	—
Operations research analysts.....	123	50.7	15.3	10.2	9.3
Statisticians.....	86	52.9	12.4	11.4	3.7
Miscellaneous mathematical science occupations.....	4	—	—	—	—
Architecture and engineering occupations.....	2,954	15.1	6.0	11.4	8.2
Architects, except naval.....	203	25.7	5.8	7.6	5.7
Surveyors, cartographers, and photogrammetrists.....	38	—	—	—	—
Aerospace engineers.....	138	11.3	2.1	18.6	13.1
Agricultural engineers.....	6	—	—	—	—
Biomedical engineers.....	16	—	—	—	—
Chemical engineers.....	84	14.7	2.8	16.3	6.5
Civil engineers.....	360	12.6	3.6	10.2	9.0
Computer hardware engineers.....	72	12.8	12.1	23.4	11.0
Electrical and electronics engineers.....	302	12.5	6.0	14.3	7.2
Environmental engineers.....	40	—	—	—	—
Industrial engineers, including health and safety.....	214	20.2	4.2	8.9	7.3
Marine engineers and naval architects.....	11	—	—	—	—
Materials engineers.....	40	—	—	—	—
Mechanical engineers.....	323	8.3	6.2	11.2	5.6
Mining and geological engineers, including mining safety engineers.....	15	—	—	—	—
Nuclear engineers.....	6	—	—	—	—
Petroleum engineers.....	44	—	—	—	—
Engineers, all other.....	440	13.6	7.6	14.7	5.9
Drafters.....	133	21.2	3.7	1.1	15.0
Engineering technicians, except drafters.....	403	20.3	10.0	10.7	9.7
Surveying and mapping technicians.....	65	5.2	3.5	4.1	7.2
Life, physical, and social science occupations.....	1,404	46.6	6.1	14.5	7.0
Agricultural and food scientists.....	25	—	—	—	—
Biological scientists.....	86	42.6	6.6	10.8	8.2
Conservation scientists and foresters.....	25	—	—	—	—
Medical scientists.....	157	54.9	5.9	35.1	5.4
Life scientists, all other.....	1	—	—	—	—
Astronomers and physicists.....	19	—	—	—	—
Atmospheric and space scientists.....	12	—	—	—	—
Chemists and materials scientists.....	99	36.1	8.4	13.5	5.9
Environmental scientists and geoscientists.....	92	27.5	1.3	6.2	7.3
Physical scientists, all other.....	232	41.4	4.4	23.9	6.2
Economists.....	34	—	—	—	—
Survey researchers.....	0	—	—	—	—
Psychologists.....	193	70.3	4.1	2.5	5.8
Sociologists.....	1	—	—	—	—
Urban and regional planners.....	25	—	—	—	—

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2015				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Miscellaneous social scientists and related workers.....	45	—	—	—	—
Agricultural and food science technicians.....	25	—	—	—	—
Biological technicians.....	18	—	—	—	—
Chemical technicians.....	82	40.0	11.7	7.5	9.7
Geological and petroleum technicians.....	21	—	—	—	—
Nuclear technicians.....	3	—	—	—	—
Social science research assistants.....	4	—	—	—	—
Miscellaneous life, physical, and social science technicians.....	203	53.9	7.7	12.5	6.6
Community and social service occupations.....	2,596	65.3	17.4	3.6	10.7
Counselors.....	802	71.4	18.4	2.5	9.5
Social workers.....	765	83.8	22.0	3.0	12.5
Probation officers and correctional treatment specialists.....	99	55.4	23.3	4.0	12.1
Social and human service assistants.....	194	82.6	21.2	2.2	16.0
Miscellaneous community and social service specialists, including health educators and community health workers.....	117	70.8	14.2	5.2	16.5
Clergy.....	469	20.6	10.2	6.6	7.3
Directors, religious activities and education.....	78	57.8	7.5	1.1	5.1
Religious workers, all other.....	73	59.0	2.3	5.2	6.2
Legal occupations.....	1,803	50.2	6.8	4.5	7.5
Lawyers.....	1,160	34.5	4.6	4.8	5.1
Judicial law clerks.....	13	—	—	—	—
Judges, magistrates, and other judicial workers.....	58	39.0	11.8	6.2	6.4
Paralegals and legal assistants.....	400	85.4	10.3	3.9	13.4
Miscellaneous legal support workers.....	172	76.4	10.9	4.1	10.8
Education, training, and library occupations.....	8,908	73.4	10.4	4.5	9.9
Postsecondary teachers.....	1,341	46.5	5.1	12.6	7.6
Preschool and kindergarten teachers.....	695	96.8	16.1	3.4	12.2
Elementary and middle school teachers.....	3,152	80.7	10.8	2.5	8.5
Secondary school teachers.....	1,144	59.2	8.7	2.5	7.8
Special education teachers.....	330	87.5	9.5	2.3	7.5
Other teachers and instructors.....	876	62.3	12.1	6.1	11.2
Archivists, curators, and museum technicians.....	53	60.1	2.7	0.0	8.5
Librarians.....	166	83.0	8.5	2.8	4.8
Library technicians.....	31	—	—	—	—
Teacher assistants.....	960	91.4	13.8	3.0	18.7
Other education, training, and library workers.....	161	73.7	12.5	4.1	12.0
Arts, design, entertainment, sports, and media occupations.....	3,051	47.6	6.3	5.2	10.8
Artists and related workers.....	222	56.9	2.7	4.1	9.4
Designers.....	899	54.9	3.5	6.9	12.3
Actors.....	49	—	—	—	—
Producers and directors.....	169	36.9	5.3	5.6	6.8
Athletes, coaches, umpires, and related workers.....	296	36.1	11.1	2.7	10.1
Dancers and choreographers.....	19	—	—	—	—
Musicians, singers, and related workers.....	202	34.5	10.5	2.6	8.8
Entertainers and performers, sports and related workers, all other.....	41	—	—	—	—
Announcers.....	55	16.5	14.8	5.6	19.1
News analysts, reporters and correspondents.....	68	46.7	6.5	1.7	13.7
Public relations specialists.....	147	61.3	9.8	4.8	7.7
Editors.....	160	51.0	2.0	7.7	7.9
Technical writers.....	68	58.2	9.2	1.2	6.0
Writers and authors.....	208	59.4	4.9	3.5	5.3
Miscellaneous media and communication workers.....	84	67.9	5.8	13.4	35.8
Broadcast and sound engineering technicians and radio operators.....	119	9.2	11.3	0.8	14.5
Photographers.....	180	49.9	3.3	7.8	9.5
Television, video, and motion picture camera operators and editors.....	64	14.8	4.5	6.0	15.4
Media and communication equipment workers, all other.....	2	—	—	—	—
Healthcare practitioners and technical occupations.....	8,766	75.1	11.5	9.2	8.1
Chiropractors.....	75	29.5	3.2	3.2	8.7
Dentists.....	196	25.9	2.9	16.8	8.6
Dietitians and nutritionists.....	108	94.6	14.2	9.6	5.3

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2015				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Optometrists.....	39	—	—	—	—
Pharmacists.....	282	57.0	8.7	15.3	5.4
Physicians and surgeons.....	1,007	37.9	6.4	18.4	6.4
Physician assistants.....	74	72.6	3.7	7.1	6.5
Podiatrists.....	15	—	—	—	—
Audiologists.....	16	—	—	—	—
Occupational therapists.....	116	88.0	7.2	8.6	6.5
Physical therapists.....	274	72.1	4.3	12.5	4.9
Radiation therapists.....	13	—	—	—	—
Recreational therapists.....	11	—	—	—	—
Respiratory therapists.....	108	66.8	15.2	6.0	9.2
Speech-language pathologists.....	158	98.6	4.9	2.9	7.1
Exercise physiologists.....	5	—	—	—	—
Therapists, all other.....	189	80.9	7.9	3.8	15.4
Veterinarians.....	90	60.5	3.4	4.7	2.5
Registered nurses.....	2,973	89.4	12.2	8.7	6.6
Nurse anesthetists.....	27	—	—	—	—
Nurse midwives.....	7	—	—	—	—
Nurse practitioners.....	149	90.8	8.2	3.5	2.5
Health diagnosing and treating practitioners, all other.....	17	—	—	—	—
Clinical laboratory technologists and technicians.....	327	76.1	17.3	13.5	12.4
Dental hygienists.....	177	96.4	3.6	6.6	5.4
Diagnostic related technologists and technicians.....	322	73.7	7.9	5.2	8.7
Emergency medical technicians and paramedics.....	220	32.9	10.6	1.2	8.3
Health practitioner support technologists and technicians.....	626	81.5	14.2	7.5	13.0
Licensed practical and licensed vocational nurses.....	670	90.1	28.5	5.7	13.9
Medical records and health information technicians.....	200	89.6	12.1	3.6	8.4
Opticians, dispensing.....	52	60.4	8.4	4.0	13.3
Miscellaneous health technologists and technicians.....	117	67.5	14.2	7.8	11.4
Other healthcare practitioners and technical occupations.....	108	52.7	8.8	3.3	9.0
Service occupations.....	25,896	56.7	16.8	5.4	23.5
Healthcare support occupations.....	3,514	87.6	27.1	5.7	16.5
Nursing, psychiatric, and home health aides.....	2,032	89.4	37.7	5.6	14.8
Occupational therapy assistants and aides.....	23	—	—	—	—
Physical therapist assistants and aides.....	68	67.7	5.6	6.0	10.8
Massage therapists.....	189	77.9	4.8	9.1	9.1
Dental assistants.....	286	94.1	9.6	6.6	23.8
Medical assistants.....	524	90.7	13.0	5.6	27.5
Medical transcriptionists.....	42	—	—	—	—
Pharmacy aides.....	36	—	—	—	—
Veterinary assistants and laboratory animal caretakers.....	38	—	—	—	—
Phlebotomists.....	106	84.1	25.2	3.5	13.8
Miscellaneous healthcare support occupations, including medical equipment preparers.....	170	69.6	25.1	4.1	8.5
Protective service occupations.....	3,109	21.3	19.2	2.4	13.9
First-line supervisors of correctional officers.....	52	31.4	24.7	2.7	6.3
First-line supervisors of police and detectives.....	110	12.8	14.0	1.3	6.6
First-line supervisors of fire fighting and prevention workers.....	49	—	—	—	—
First-line supervisors of protective service workers, all other.....	81	23.2	14.7	2.0	10.5
Firefighters.....	293	5.9	8.4	1.1	7.8
Fire inspectors.....	19	—	—	—	—
Bailiffs, correctional officers, and jailers.....	443	23.8	26.0	1.2	11.8
Detectives and criminal investigators.....	144	27.2	8.5	0.8	11.9
Fish and game wardens.....	6	—	—	—	—
Parking enforcement workers.....	10	—	—	—	—
Police and sheriff's patrol officers.....	688	13.6	13.5	2.0	15.5
Transit and railroad police.....	1	—	—	—	—
Animal control workers.....	5	—	—	—	—
Private detectives and investigators.....	100	38.4	12.7	5.0	14.6
Security guards and gaming surveillance officers.....	869	22.0	28.8	4.0	18.6

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2015				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Crossing guards.....	57	59.8	33.2	3.1	17.3
Transportation security screeners.....	38	—	—	—	—
Lifeguards and other recreational, and all other protective service workers... ..	144	43.7	9.1	1.5	12.6
Food preparation and serving related occupations.....	8,142	54.5	13.8	6.1	25.3
Chefs and head cooks.....	415	19.6	15.2	16.8	19.3
First-line supervisors of food preparation and serving workers.....	527	57.4	14.9	3.8	16.5
Cooks.....	2,091	39.9	18.5	5.3	35.7
Food preparation workers.....	858	59.1	15.1	5.6	27.4
Bartenders.....	451	59.8	4.4	3.3	13.2
Combined food preparation and serving workers, including fast food.....	420	63.4	21.6	3.7	17.3
Counter attendants, cafeteria, food concession, and coffee shop.....	233	66.7	10.7	6.2	18.2
Waiters and waitresses.....	2,057	70.1	8.2	6.9	21.1
Food servers, nonrestaurant.....	190	70.9	20.6	8.7	19.4
Dining room and cafeteria attendants and bartender helpers.....	321	44.2	13.9	6.1	29.1
Dishwashers.....	281	21.3	14.7	5.1	39.7
Hosts and hostesses, restaurant, lounge, and coffee shop.....	293	82.1	11.2	3.6	19.2
Food preparation and serving related workers, all other.....	5	—	—	—	—
Building and grounds cleaning and maintenance occupations.....	5,716	41.1	14.5	2.9	38.0
First-line supervisors of housekeeping and janitorial workers.....	293	40.6	19.7	2.4	20.5
First-line supervisors of landscaping, lawn service, and groundskeeping workers.....	215	6.6	4.0	2.0	23.6
Janitors and building cleaners.....	2,263	34.3	17.6	3.4	31.4
Maids and housekeeping cleaners.....	1,510	89.3	16.1	4.4	48.9
Pest control workers.....	85	4.7	13.0	1.3	14.0
Grounds maintenance workers.....	1,349	6.4	7.9	0.9	44.5
Personal care and service occupations.....	5,415	76.8	15.6	8.5	15.5
First-line supervisors of gaming workers.....	168	46.6	4.8	5.1	8.7
First-line supervisors of personal service workers.....	185	71.0	11.9	16.2	8.9
Animal trainers.....	54	50.9	1.2	0.0	11.5
Nonfarm animal caretakers.....	252	67.9	5.4	1.8	13.0
Gaming services workers.....	89	52.2	8.0	22.0	8.2
Motion picture projectionists.....	6	—	—	—	—
Ushers, lobby attendants, and ticket takers.....	44	—	—	—	—
Miscellaneous entertainment attendants and related workers.....	221	39.2	12.8	2.1	15.7
Embalmers and funeral attendants.....	9	—	—	—	—
Morticians, undertakers, and funeral directors.....	35	—	—	—	—
Barbers.....	116	22.1	40.7	6.4	20.7
Hairdressers, hairstylists, and cosmetologists.....	707	94.2	12.3	3.9	15.3
Miscellaneous personal appearance workers.....	324	85.3	7.0	56.5	8.5
Baggage porters, bellhops, and concierges.....	76	16.1	21.0	10.5	32.9
Tour and travel guides.....	54	54.3	3.4	10.1	5.3
Childcare workers.....	1,206	94.9	15.3	3.3	19.1
Personal care aides.....	1,251	85.1	24.2	8.1	17.9
Recreation and fitness workers.....	429	61.6	10.7	2.1	10.4
Residential advisors.....	38	—	—	—	—
Personal care and service workers, all other.....	149	49.8	15.6	4.9	20.8
Sales and office occupations.....	33,598	61.5	12.3	5.2	15.3
Sales and related occupations.....	15,700	49.3	10.6	5.7	15.0
First-line supervisors of retail sales workers.....	3,245	44.0	9.5	6.1	13.0
First-line supervisors of non-retail sales workers.....	1,242	28.7	6.2	5.9	12.8
Cashiers.....	3,246	72.5	17.4	6.8	20.6
Counter and rental clerks.....	109	50.9	12.2	2.9	18.8
Parts salespersons.....	124	12.4	5.0	1.5	18.1
Retail salespersons.....	3,346	49.4	12.8	6.3	17.3
Advertising sales agents.....	200	49.7	9.4	4.8	11.3
Insurance sales agents.....	615	51.2	7.3	3.5	12.7
Securities, commodities, and financial services sales agents.....	258	26.2	4.8	5.8	7.0
Travel agents.....	89	75.9	3.3	17.7	8.7
Sales representatives, services, all other.....	479	34.8	5.7	2.8	13.3
Sales representatives, wholesale and manufacturing.....	1,281	27.9	4.0	3.3	10.0

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[Numbers in thousands]

Occupation	2015				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Models, demonstrators, and product promoters.....	68	70.7	5.6	6.5	15.1
Real estate brokers and sales agents.....	906	55.5	5.7	4.9	9.4
Sales engineers.....	42	—	—	—	—
Telemarketers.....	60	64.3	25.9	2.2	27.3
Door-to-door sales workers, news and street vendors, and related workers...	156	67.0	10.5	2.5	21.7
Sales and related workers, all other.....	236	46.8	6.5	3.9	10.6
Office and administrative support occupations.....	17,897	72.2	13.9	4.7	15.6
First-line supervisors of office and administrative support workers.....	1,474	68.3	11.7	4.7	13.1
Switchboard operators, including answering service.....	16	—	—	—	—
Telephone operators.....	34	—	—	—	—
Communications equipment operators, all other.....	5	—	—	—	—
Bill and account collectors.....	168	68.3	20.6	3.9	18.4
Billing and posting clerks.....	473	90.1	13.0	3.3	13.5
Bookkeeping, accounting, and auditing clerks.....	1,182	89.8	7.5	4.9	10.6
Gaming cage workers.....	14	—	—	—	—
Payroll and timekeeping clerks.....	138	89.3	7.3	4.8	15.5
Procurement clerks.....	40	—	—	—	—
Tellers.....	357	87.3	8.4	6.4	20.7
Financial clerks, all other.....	69	63.3	24.6	7.6	7.0
Brokerage clerks.....	3	—	—	—	—
Correspondence clerks.....	3	—	—	—	—
Court, municipal, and license clerks.....	71	87.0	11.9	3.3	16.6
Credit authorizers, checkers, and clerks.....	52	72.9	10.4	2.5	15.8
Customer service representatives.....	2,271	65.1	16.6	4.7	18.0
Eligibility interviewers, government programs.....	74	77.3	25.1	2.3	33.3
File clerks.....	203	82.2	12.9	4.2	13.4
Hotel, motel, and resort desk clerks.....	156	59.5	18.0	10.7	18.7
Interviewers, except eligibility and loan.....	151	83.2	16.1	3.7	18.3
Library assistants, clerical.....	98	77.3	8.0	7.5	10.6
Loan interviewers and clerks.....	139	83.5	12.8	4.1	16.5
New accounts clerks.....	26	—	—	—	—
Order clerks.....	84	65.6	14.5	4.4	16.6
Human resources assistants, except payroll and timekeeping.....	59	82.9	18.9	3.5	7.1
Receptionists and information clerks.....	1,232	90.6	13.4	3.7	17.7
Reservation and transportation ticket agents and travel clerks.....	111	61.3	16.4	6.4	18.6
Information and record clerks, all other.....	127	76.9	17.7	7.5	13.4
Cargo and freight agents.....	21	—	—	—	—
Couriers and messengers.....	235	14.3	20.4	4.0	18.6
Dispatchers.....	277	56.3	13.4	2.3	12.8
Meter readers, utilities.....	41	—	—	—	—
Postal service clerks.....	130	46.0	33.5	8.7	6.3
Postal service mail carriers.....	320	41.2	20.3	6.8	13.1
Postal service mail sorters, processors, and processing machine operators...	64	50.0	29.9	8.1	9.4
Production, planning, and expediting clerks.....	286	55.0	10.3	4.6	12.0
Shipping, receiving, and traffic clerks.....	575	29.5	14.7	3.5	27.0
Stock clerks and order fillers.....	1,529	35.8	18.2	4.5	20.2
Weighers, measurers, checkers, and samplers, recordkeeping.....	72	57.8	13.1	6.6	23.7
Secretaries and administrative assistants.....	2,870	94.5	10.4	3.5	11.9
Computer operators.....	69	46.8	13.5	5.3	13.7
Data entry keyers.....	281	74.3	13.8	7.7	15.1
Word processors and typists.....	103	92.1	15.0	5.0	9.9
Desktop publishers.....	1	—	—	—	—
Insurance claims and policy processing clerks.....	287	77.1	17.7	5.0	7.7
Mail clerks and mail machine operators, except postal service.....	81	59.4	25.1	10.9	18.4
Office clerks, general.....	1,288	82.3	13.4	6.7	18.6
Office machine operators, except computer.....	37	—	—	—	—
Proofreaders and copy markers.....	8	—	—	—	—
Statistical assistants.....	17	—	—	—	—
Office and administrative support workers, all other.....	477	77.4	12.9	3.9	13.8

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2015				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Natural resources, construction, and maintenance occupations.....	13,733	4.7	7.3	1.9	29.0
Farming, fishing, and forestry occupations.....	1,073	24.2	5.1	1.3	45.7
First-line supervisors of farming, fishing, and forestry workers.....	54	21.2	1.4	0.0	41.6
Agricultural inspectors.....	18	—	—	—	—
Animal breeders.....	8	—	—	—	—
Graders and sorters, agricultural products.....	97	61.7	18.6	3.8	54.3
Miscellaneous agricultural workers.....	789	21.9	3.5	1.1	50.7
Fishers and related fishing workers.....	39	—	—	—	—
Hunters and trappers.....	0	—	—	—	—
Forest and conservation workers.....	18	—	—	—	—
Logging workers.....	51	2.8	10.4	0.0	11.0
Construction and extraction occupations.....	7,652	2.7	6.9	1.3	33.3
First-line supervisors of construction trades and extraction workers.....	712	3.3	6.2	1.2	16.7
Boilermakers.....	20	—	—	—	—
Brickmasons, blockmasons, and stonemasons.....	172	0.7	5.3	0.0	43.3
Carpenters.....	1,281	1.8	5.4	1.2	32.8
Carpet, floor, and tile installers and finishers.....	156	1.7	6.2	2.1	47.1
Cement masons, concrete finishers, and terrazzo workers.....	54	0.2	12.1	0.0	49.2
Construction laborers.....	1,649	2.9	8.1	1.9	45.5
Paving, surfacing, and tamping equipment operators.....	12	—	—	—	—
Pile-driver operators.....	2	—	—	—	—
Operating engineers and other construction equipment operators.....	357	1.9	7.5	0.1	21.1
Drywall installers, ceiling tile installers, and tapers.....	151	1.6	5.5	0.2	61.8
Electricians.....	773	2.3	8.8	1.9	19.3
Glaziers.....	47	—	—	—	—
Insulation workers.....	49	—	—	—	—
Painters, construction and maintenance.....	572	5.7	5.6	1.8	49.3
Paperhangers.....	1	—	—	—	—
Pipelayers, plumbers, pipefitters, and steamfitters.....	573	0.7	6.8	1.1	25.0
Plasterers and stucco masons.....	28	—	—	—	—
Reinforcing iron and rebar workers.....	10	—	—	—	—
Roofers.....	221	2.3	6.0	1.4	51.2
Sheet metal workers.....	122	4.5	2.4	0.7	15.7
Structural iron and steel workers.....	58	2.2	6.4	2.8	19.8
Solar photovoltaic installers.....	11	—	—	—	—
Helpers, construction trades.....	52	1.3	7.0	2.8	44.7
Construction and building inspectors.....	90	9.9	9.5	1.0	8.2
Elevator installers and repairers.....	30	—	—	—	—
Fence erectors.....	34	—	—	—	—
Hazardous materials removal workers.....	42	—	—	—	—
Highway maintenance workers.....	103	2.0	13.4	0.9	16.5
Rail-track laying and maintenance equipment operators.....	11	—	—	—	—
Septic tank servicers and sewer pipe cleaners.....	12	—	—	—	—
Miscellaneous construction and related workers.....	32	—	—	—	—
Derrick, rotary drill, and service unit operators, oil, gas, and mining.....	34	—	—	—	—
Earth drillers, except oil and gas.....	29	—	—	—	—
Explosives workers, ordnance handling experts, and blasters.....	9	—	—	—	—
Mining machine operators.....	67	2.5	4.1	0.0	16.3
Roof bolters, mining.....	2	—	—	—	—
Roustabouts, oil and gas.....	9	—	—	—	—
Helpers--extraction workers.....	4	—	—	—	—
Other extraction workers.....	64	3.8	3.1	0.5	26.8
Installation, maintenance, and repair occupations.....	5,008	3.5	8.3	3.1	18.9
First-line supervisors of mechanics, installers, and repairers.....	262	6.1	8.5	3.3	11.4
Computer, automated teller, and office machine repairers.....	241	13.2	18.4	8.2	9.8
Radio and telecommunications equipment installers and repairers.....	158	8.5	11.7	8.2	11.8
Avionics technicians.....	5	—	—	—	—
Electric motor, power tool, and related repairers.....	23	—	—	—	—
Electrical and electronics installers and repairers, transportation equipment..	1	—	—	—	—
Electrical and electronics repairers, industrial and utility.....	20	—	—	—	—

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2015				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Electronic equipment installers and repairers, motor vehicles.....	18	—	—	—	—
Electronic home entertainment equipment installers and repairers.....	38	—	—	—	—
Security and fire alarm systems installers.....	74	3.8	6.0	1.0	23.1
Aircraft mechanics and service technicians.....	140	5.2	8.3	3.1	13.6
Automotive body and related repairers.....	154	0.6	5.4	0.6	22.9
Automotive glass installers and repairers.....	22	—	—	—	—
Automotive service technicians and mechanics.....	924	1.5	8.2	4.0	25.7
Bus and truck mechanics and diesel engine specialists.....	345	0.1	7.5	2.6	15.8
Heavy vehicle and mobile equipment service technicians and mechanics. . .	233	0.0	4.8	1.5	14.3
Small engine mechanics.....	54	3.1	0.0	1.3	10.4
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers.....	81	1.9	4.5	1.0	24.4
Control and valve installers and repairers.....	29	—	—	—	—
Heating, air conditioning, and refrigeration mechanics and installers.....	408	1.7	7.6	2.2	21.6
Home appliance repairers.....	53	3.8	3.7	6.0	26.8
Industrial and refractory machinery mechanics.....	425	3.6	6.6	1.5	13.6
Maintenance and repair workers, general.....	527	3.2	11.2	2.4	21.9
Maintenance workers, machinery.....	29	—	—	—	—
Millwrights.....	57	3.3	5.6	0.5	8.4
Electrical power-line installers and repairers.....	119	1.2	5.2	1.7	11.1
Telecommunications line installers and repairers.....	177	6.0	12.9	3.1	19.7
Precision instrument and equipment repairers.....	66	4.8	6.3	3.3	10.5
Wind turbine service technicians.....	4	—	—	—	—
Coin, vending, and amusement machine servicers and repairers.....	48	—	—	—	—
Commercial divers.....	1	—	—	—	—
Locksmiths and safe repairers.....	21	—	—	—	—
Manufactured building and mobile home installers.....	5	—	—	—	—
Riggers.....	10	—	—	—	—
Signal and track switch repairers.....	8	—	—	—	—
Helpers--installation, maintenance, and repair workers.....	28	—	—	—	—
Other installation, maintenance, and repair workers.....	200	5.8	5.1	2.1	25.3
Production, transportation, and material moving occupations.....	17,647	21.8	15.3	4.7	22.3
Production occupations.....	8,522	28.8	12.5	6.2	22.3
First-line supervisors of production and operating workers.....	817	18.6	8.0	4.6	16.3
Aircraft structure, surfaces, rigging, and systems assemblers.....	14	—	—	—	—
Electrical, electronics, and electromechanical assemblers.....	133	51.4	16.9	22.0	22.5
Engine and other machine assemblers.....	11	—	—	—	—
Structural metal fabricators and fitters.....	32	—	—	—	—
Miscellaneous assemblers and fabricators.....	1,026	38.6	16.1	6.9	22.2
Bakers.....	231	60.8	15.4	9.6	23.5
Butchers and other meat, poultry, and fish processing workers.....	302	25.7	22.4	8.0	35.4
Food and tobacco roasting, baking, and drying machine operators and tenders.....	14	—	—	—	—
Food batchmakers.....	101	72.3	14.1	7.0	29.6
Food cooking machine operators and tenders.....	13	—	—	—	—
Food processing workers, all other.....	135	34.2	16.6	7.6	35.1
Computer control programmers and operators.....	88	3.9	8.4	3.7	9.8
Extruding and drawing machine setters, operators, and tenders, metal and plastic.....	9	—	—	—	—
Forging machine setters, operators, and tenders, metal and plastic.....	8	—	—	—	—
Rolling machine setters, operators, and tenders, metal and plastic.....	15	—	—	—	—
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic.....	82	21.6	20.1	1.4	14.5
Drilling and boring machine tool setters, operators, and tenders, metal and plastic.....	5	—	—	—	—
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic.....	51	10.3	11.5	0.2	29.0
Lathe and turning machine tool setters, operators, and tenders, metal and plastic.....	11	—	—	—	—
Milling and planing machine setters, operators, and tenders, metal and plastic.....	0	—	—	—	—

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2015				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Machinists.....	363	6.7	3.1	6.1	13.8
Metal furnace operators, tenders, pourers, and casters.....	30	—	—	—	—
Model makers and patternmakers, metal and plastic.....	5	—	—	—	—
Molders and molding machine setters, operators, and tenders, metal and plastic.....	46	—	—	—	—
Multiple machine tool setters, operators, and tenders, metal and plastic.....	1	—	—	—	—
Tool and die makers.....	47	—	—	—	—
Welding, soldering, and brazing workers.....	615	4.2	7.1	3.3	23.1
Heat treating equipment setters, operators, and tenders, metal and plastic...	5	—	—	—	—
Layout workers, metal and plastic.....	5	—	—	—	—
Plating and coating machine setters, operators, and tenders, metal and plastic.....	23	—	—	—	—
Tool grinders, filers, and sharpeners.....	6	—	—	—	—
Metal workers and plastic workers, all other.....	376	22.5	17.6	6.3	22.6
Prepress technicians and workers.....	22	—	—	—	—
Printing press operators.....	180	20.0	9.0	3.6	22.7
Print binding and finishing workers.....	20	—	—	—	—
Laundry and dry-cleaning workers.....	192	60.8	17.7	10.8	31.8
Pressers, textile, garment, and related materials.....	34	—	—	—	—
Sewing machine operators.....	196	74.8	9.7	12.4	41.8
Shoe and leather workers and repairers.....	7	—	—	—	—
Shoe machine operators and tenders.....	2	—	—	—	—
Tailors, dressmakers, and sewers.....	83	82.2	5.3	17.1	22.2
Textile bleaching and dyeing machine operators and tenders.....	3	—	—	—	—
Textile cutting machine setters, operators, and tenders.....	9	—	—	—	—
Textile knitting and weaving machine setters, operators, and tenders.....	9	—	—	—	—
Textile winding, twisting, and drawing out machine setters, operators, and tenders.....	9	—	—	—	—
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers.....	0	—	—	—	—
Fabric and apparel patternmakers.....	4	—	—	—	—
Upholsterers.....	40	—	—	—	—
Textile, apparel, and furnishings workers, all other.....	16	—	—	—	—
Cabinetmakers and bench carpenters.....	60	7.9	4.3	1.2	20.5
Furniture finishers.....	15	—	—	—	—
Model makers and patternmakers, wood.....	1	—	—	—	—
Sawing machine setters, operators, and tenders, wood.....	29	—	—	—	—
Woodworking machine setters, operators, and tenders, except sawing.....	24	—	—	—	—
Woodworkers, all other.....	31	—	—	—	—
Power plant operators, distributors, and dispatchers.....	33	—	—	—	—
Stationary engineers and boiler operators.....	81	3.4	9.4	5.2	10.2
Water and wastewater treatment plant and system operators.....	89	4.4	7.1	1.5	6.5
Miscellaneous plant and system operators.....	36	—	—	—	—
Chemical processing machine setters, operators, and tenders.....	63	13.0	4.3	0.4	10.6
Crushing, grinding, polishing, mixing, and blending workers.....	86	11.0	10.5	3.1	37.2
Cutting workers.....	64	16.7	13.4	2.6	24.2
Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	28	—	—	—	—
Furnace, kiln, oven, drier, and kettle operators and tenders.....	7	—	—	—	—
Inspectors, testers, sorters, samplers, and weighers.....	752	37.3	12.5	6.9	17.7
Jewelers and precious stone and metal workers.....	44	—	—	—	—
Medical, dental, and ophthalmic laboratory technicians.....	110	48.6	7.8	13.4	19.1
Packaging and filling machine operators and tenders.....	250	49.9	20.4	7.5	36.7
Painting workers.....	151	12.9	14.2	5.2	23.0
Photographic process workers and processing machine operators.....	33	—	—	—	—
Semiconductor processors.....	1	—	—	—	—
Adhesive bonding machine operators and tenders.....	11	—	—	—	—
Cleaning, washing, and metal pickling equipment operators and tenders.....	4	—	—	—	—
Cooling and freezing equipment operators and tenders.....	4	—	—	—	—
Etchers and engravers.....	19	—	—	—	—
Molders, shapers, and casters, except metal and plastic.....	27	—	—	—	—

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2015				
	Total employed	Percent of total employed			
		Women	Black or African American	Asian	Hispanic or Latino
Paper goods machine setters, operators, and tenders.....	30	—	—	—	—
Tire builders.....	10	—	—	—	—
Helpers—production workers.....	40	—	—	—	—
Production workers, all other.....	944	25.5	14.4	4.9	24.9
Transportation and material moving occupations.....	9,125	15.3	17.8	3.4	22.4
Supervisors of transportation and material moving workers.....	205	18.1	15.0	1.6	20.6
Aircraft pilots and flight engineers.....	140	9.4	2.6	0.7	5.7
Air traffic controllers and airfield operations specialists.....	30	—	—	—	—
Flight attendants.....	86	74.9	12.0	4.5	9.8
Ambulance drivers and attendants, except emergency medical technicians...	19	—	—	—	—
Bus drivers.....	550	47.1	28.0	2.7	14.3
Driver/sales workers and truck drivers.....	3,469	5.1	15.1	2.7	21.5
Taxi drivers and chauffeurs.....	446	14.6	27.0	15.1	17.0
Motor vehicle operators, all other.....	51	9.4	14.2	5.5	21.5
Locomotive engineers and operators.....	50	3.5	21.3	1.4	8.2
Railroad brake, signal, and switch operators.....	6	—	—	—	—
Railroad conductors and yardmasters.....	52	7.7	18.6	1.7	2.1
Subway, streetcar, and other rail transportation workers.....	15	—	—	—	—
Sailors and marine oilers.....	11	—	—	—	—
Ship and boat captains and operators.....	35	—	—	—	—
Ship engineers.....	6	—	—	—	—
Bridge and lock tenders.....	5	—	—	—	—
Parking lot attendants.....	91	10.0	32.1	5.3	26.5
Automotive and watercraft service attendants.....	99	11.0	8.2	3.8	12.7
Transportation inspectors.....	29	—	—	—	—
Transportation attendants, except flight attendants.....	22	—	—	—	—
Other transportation workers.....	43	—	—	—	—
Conveyor operators and tenders.....	7	—	—	—	—
Crane and tower operators.....	76	3.4	9.1	0.2	10.3
Dredge, excavating, and loading machine operators.....	35	—	—	—	—
Hoist and winch operators.....	6	—	—	—	—
Industrial truck and tractor operators.....	589	7.1	21.6	2.3	25.9
Cleaners of vehicles and equipment.....	338	11.1	12.3	1.4	39.4
Laborers and freight, stock, and material movers, hand.....	1,908	17.6	19.0	2.9	24.1
Machine feeders and offbearers.....	33	—	—	—	—
Packers and packagers, hand.....	505	51.9	19.0	5.6	37.5
Pumping station operators.....	23	—	—	—	—
Refuse and recyclable material collectors.....	97	10.4	19.1	2.1	30.8
Mine shuttle car operators.....	1	—	—	—	—
Tank car, truck, and ship loaders.....	5	—	—	—	—
Material moving workers, all other.....	43	—	—	—	—

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).