

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2018					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Total, 16 years and over.....	155,761	46.9	78.0	12.3	6.3	17.3
Management, professional, and related occupations.....	62,436	51.5	79.4	9.6	8.5	9.7
Management, business, and financial operations occupations.....	25,850	44.0	82.4	8.2	6.8	9.8
Management occupations.....	18,263	40.0	83.9	7.6	5.9	10.3
Chief executives.....	1,573	26.9	89.5	3.5	5.9	6.1
General and operations managers.....	1,037	31.7	84.5	7.5	4.8	10.5
Legislators.....	18	—	—	—	—	—
Advertising and promotions managers.....	44	—	—	—	—	—
Marketing and sales managers.....	1,083	47.6	85.8	6.7	5.4	9.7
Public relations and fundraising managers.....	69	72.8	85.8	10.7	3.1	3.1
Administrative services managers.....	161	34.2	85.4	7.4	3.0	13.0
Computer and information systems managers.....	623	27.0	77.0	5.8	14.3	6.6
Financial managers.....	1,231	55.2	81.7	8.1	7.4	9.4
Compensation and benefits managers.....	23	—	—	—	—	—
Human resources managers.....	313	77.9	78.1	12.8	6.3	10.2
Training and development managers.....	58	48.6	86.3	10.1	0.0	15.5
Industrial production managers.....	264	22.0	85.7	6.3	6.0	12.5
Purchasing managers.....	219	45.3	85.3	9.0	4.0	10.7
Transportation, storage, and distribution managers.....	303	16.0	84.9	7.2	4.4	13.7
Farmers, ranchers, and other agricultural managers.....	991	25.8	96.1	0.9	1.4	5.1
Construction managers.....	1,021	7.7	91.8	3.1	2.4	15.3
Education administrators.....	955	66.9	79.0	14.4	3.4	10.5
Architectural and engineering managers.....	156	11.5	84.5	5.0	9.9	4.6
Food service managers.....	1,273	49.2	75.7	10.7	10.0	18.5
Funeral service managers.....	3	—	—	—	—	—
Gaming managers.....	28	—	—	—	—	—
Lodging managers.....	153	56.0	76.2	11.1	10.2	11.5
Medical and health services managers.....	639	72.0	80.9	11.5	5.0	9.0
Natural sciences managers.....	9	—	—	—	—	—
Postmasters and mail superintendents.....	24	—	—	—	—	—
Property, real estate, and community association managers.....	717	49.7	85.5	7.3	4.6	13.6
Social and community service managers.....	437	69.1	78.4	13.8	4.0	7.6
Emergency management directors.....	10	—	—	—	—	—
Managers, all other.....	4,827	35.4	83.2	7.8	6.5	9.9
Business and financial operations occupations.....	7,587	53.8	78.8	9.8	9.1	8.7
Agents and business managers of artists, performers, and athletes.....	54	53.8	79.3	7.5	11.0	12.2
Buyers and purchasing agents, farm products.....	12	—	—	—	—	—
Wholesale and retail buyers, except farm products.....	193	50.7	80.7	10.7	5.7	11.1
Purchasing agents, except wholesale, retail, and farm products.....	244	46.7	84.3	8.0	5.0	7.6
Claims adjusters, appraisers, examiners, and investigators.....	344	57.4	74.9	19.1	3.7	10.9
Compliance officers.....	281	53.7	82.3	11.3	5.4	6.9
Cost estimators.....	117	14.1	93.3	1.9	4.0	10.5
Human resources workers.....	664	70.7	79.2	10.5	7.0	13.2
Compensation, benefits, and job analysis specialists.....	48	—	—	—	—	—
Training and development specialists.....	120	54.4	76.2	15.3	2.9	8.7
Logisticians.....	128	37.3	75.7	12.1	8.1	10.1
Management analysts.....	944	41.3	77.6	8.3	12.3	6.5
Meeting, convention, and event planners.....	126	76.3	77.7	8.6	5.3	10.5
Fundraisers.....	96	69.3	86.9	7.7	3.2	5.4
Market research analysts and marketing specialists.....	355	60.2	81.8	5.8	11.6	11.4
Business operations specialists, all other.....	236	59.3	70.6	15.8	9.0	9.4
Accountants and auditors.....	1,929	60.6	75.8	9.3	12.7	7.6
Appraisers and assessors of real estate.....	84	45.3	83.9	10.7	4.0	4.2
Budget analysts.....	51	62.2	72.6	11.2	14.5	13.8
Credit analysts.....	26	—	—	—	—	—
Financial analysts.....	307	40.7	76.1	8.1	14.1	5.5
Personal financial advisors.....	537	33.5	86.3	5.0	6.9	6.6
Insurance underwriters.....	119	59.7	80.7	13.7	5.3	6.2

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

[Numbers in thousands]

Occupation	2018					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Financial examiners.....	13	—	—	—	—	—
Credit counselors and loan officers.....	350	54.1	85.5	7.6	4.3	13.0
Tax examiners and collectors, and revenue agents.....	47	—	—	—	—	—
Tax preparers.....	113	56.8	76.1	16.7	5.1	13.1
Financial specialists, all other.....	48	—	—	—	—	—
Professional and related occupations.....	36,586	56.8	77.2	10.5	9.6	9.6
Computer and mathematical occupations.....	5,126	25.6	67.0	8.4	22.0	7.5
Computer and information research scientists.....	19	—	—	—	—	—
Computer systems analysts.....	652	37.5	66.5	10.0	20.4	7.9
Information security analysts.....	97	24.9	76.8	12.3	8.5	6.8
Computer programmers.....	477	21.2	68.8	9.3	19.4	7.8
Software developers, applications and systems software.....	1,682	19.3	58.6	3.9	35.4	5.3
Web developers.....	208	32.5	81.5	5.4	8.9	7.2
Computer support specialists.....	566	28.1	72.4	12.6	12.0	9.8
Database administrators.....	108	37.9	71.3	8.2	16.7	9.5
Network and computer systems administrators.....	204	21.2	75.8	12.1	8.5	9.3
Computer network architects.....	114	10.3	73.0	9.4	14.7	9.9
Computer occupations, all other.....	732	21.9	72.1	11.4	14.9	9.5
Actuaries.....	33	—	—	—	—	—
Mathematicians.....	3	—	—	—	—	—
Operations research analysts.....	131	49.1	76.9	10.9	9.8	9.9
Statisticians.....	90	53.8	57.0	15.3	25.5	3.7
Miscellaneous mathematical science occupations.....	8	—	—	—	—	—
Architecture and engineering occupations.....	3,263	15.9	79.3	6.5	11.9	8.9
Architects, except naval.....	239	29.7	83.5	4.5	11.5	10.1
Surveyors, cartographers, and photogrammetrists.....	47	—	—	—	—	—
Aerospace engineers.....	147	13.4	70.3	7.1	17.6	7.8
Agricultural engineers.....	5	—	—	—	—	—
Biomedical engineers.....	11	—	—	—	—	—
Chemical engineers.....	72	16.3	73.7	8.9	17.3	1.9
Civil engineers.....	456	14.8	84.8	4.4	9.3	7.9
Computer hardware engineers.....	71	18.9	58.0	6.9	30.9	14.1
Electrical and electronics engineers.....	269	9.4	70.2	8.4	17.8	8.1
Environmental engineers.....	36	—	—	—	—	—
Industrial engineers, including health and safety.....	246	23.0	83.2	4.9	9.0	7.4
Marine engineers and naval architects.....	17	—	—	—	—	—
Materials engineers.....	41	—	—	—	—	—
Mechanical engineers.....	333	10.9	80.0	3.5	15.0	5.5
Mining and geological engineers, including mining safety engineers.....	8	—	—	—	—	—
Nuclear engineers.....	14	—	—	—	—	—
Petroleum engineers.....	27	—	—	—	—	—
Engineers, all other.....	576	12.7	77.0	5.9	15.4	9.2
Drafters.....	133	20.6	88.5	4.8	4.6	11.0
Engineering technicians, except drafters.....	439	18.1	78.4	12.0	6.2	11.1
Surveying and mapping technicians.....	76	3.2	90.8	4.3	1.0	12.9
Life, physical, and social science occupations.....	1,529	46.7	78.1	7.1	12.8	8.7
Agricultural and food scientists.....	37	—	—	—	—	—
Biological scientists.....	104	47.5	83.6	1.6	13.7	3.6
Conservation scientists and foresters.....	22	—	—	—	—	—
Medical scientists.....	169	52.1	68.8	9.5	20.7	8.6
Life scientists, all other.....	1	—	—	—	—	—
Astronomers and physicists.....	20	—	—	—	—	—
Atmospheric and space scientists.....	12	—	—	—	—	—
Chemists and materials scientists.....	118	37.7	78.1	4.2	16.8	7.7
Environmental scientists and geoscientists.....	100	33.1	90.4	7.8	1.1	8.4
Physical scientists, all other.....	305	43.9	65.9	4.7	26.0	6.1
Economists.....	36	—	—	—	—	—
Survey researchers.....	3	—	—	—	—	—
Psychologists.....	224	75.9	89.0	7.7	3.0	11.2

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

[Numbers in thousands]

Occupation	2018					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Sociologists.....	5	—	—	—	—	—
Urban and regional planners.....	29	—	—	—	—	—
Miscellaneous social scientists and related workers.....	46	—	—	—	—	—
Agricultural and food science technicians.....	36	—	—	—	—	—
Biological technicians.....	19	—	—	—	—	—
Chemical technicians.....	68	25.3	85.7	8.9	3.0	17.6
Geological and petroleum technicians.....	12	—	—	—	—	—
Nuclear technicians.....	10	—	—	—	—	—
Social science research assistants.....	2	—	—	—	—	—
Miscellaneous life, physical, and social science technicians.....	152	47.7	77.8	9.1	11.5	11.2
Community and social service occupations.....	2,680	66.5	71.8	20.4	3.9	12.1
Counselors.....	895	72.0	70.0	22.2	3.9	12.7
Social workers.....	835	81.6	68.9	23.6	3.5	13.4
Probation officers and correctional treatment specialists.....	104	56.9	69.3	27.0	0.6	15.9
Social and human service assistants.....	208	77.7	67.7	21.1	4.1	18.6
Miscellaneous community and social service specialists, including health educators and community health workers.....	71	76.3	68.8	21.5	3.3	12.4
Clergy.....	415	22.4	80.3	12.5	4.3	6.4
Directors, religious activities and education.....	76	57.8	79.7	8.2	10.6	8.3
Religious workers, all other.....	76	59.2	88.3	6.9	4.0	5.1
Legal occupations.....	1,891	51.6	85.7	7.3	4.7	9.9
Lawyers.....	1,199	37.4	88.0	5.5	4.9	6.1
Judicial law clerks.....	13	—	—	—	—	—
Judges, magistrates, and other judicial workers.....	80	32.3	85.4	13.3	1.2	6.7
Paralegals and legal assistants.....	444	86.4	79.1	11.3	5.3	18.5
Miscellaneous legal support workers.....	156	73.1	86.8	7.2	2.9	16.6
Education, training, and library occupations.....	9,313	73.2	81.5	10.6	5.2	10.7
Postsecondary teachers.....	1,417	49.0	75.7	7.9	13.7	7.3
Preschool and kindergarten teachers.....	716	97.6	75.8	16.0	4.0	14.5
Elementary and middle school teachers.....	3,421	79.8	83.5	11.1	3.3	10.3
Secondary school teachers.....	1,062	58.0	88.3	7.3	2.6	9.0
Special education teachers.....	369	87.5	87.8	8.5	1.6	7.6
Other teachers and instructors.....	905	61.9	78.8	11.4	6.1	10.5
Archivists, curators, and museum technicians.....	45	—	—	—	—	—
Librarians.....	178	78.5	85.5	6.6	4.7	8.4
Library technicians.....	33	—	—	—	—	—
Teacher assistants.....	994	88.9	78.7	12.9	4.6	17.4
Other education, training, and library workers.....	173	73.9	79.1	12.8	5.4	14.3
Arts, design, entertainment, sports, and media occupations.....	3,362	46.8	83.6	7.4	5.5	11.8
Artists and related workers.....	232	52.2	82.7	6.0	5.8	9.6
Designers.....	984	53.0	86.5	3.7	7.2	13.1
Actors.....	36	—	—	—	—	—
Producers and directors.....	201	29.2	83.6	11.3	2.3	7.1
Athletes, coaches, umpires, and related workers.....	359	34.9	81.9	10.7	2.4	11.8
Dancers and choreographers.....	24	—	—	—	—	—
Musicians, singers, and related workers.....	202	35.0	75.9	15.1	5.9	10.5
Entertainers and performers, sports and related workers, all other.....	68	51.0	68.3	11.3	9.7	8.0
Announcers.....	56	17.7	74.5	22.3	0.5	18.7
News analysts, reporters and correspondents.....	79	51.7	80.9	8.7	4.1	15.2
Public relations specialists.....	140	65.7	86.8	7.1	4.9	10.0
Editors.....	160	52.2	91.7	1.7	4.4	10.3
Technical writers.....	69	55.9	82.4	8.3	5.6	4.8
Writers and authors.....	227	59.6	89.1	5.4	4.0	4.5
Miscellaneous media and communication workers.....	111	70.8	72.9	6.0	16.0	24.9
Broadcast and sound engineering technicians and radio operators.....	120	12.4	80.6	11.5	5.7	16.3
Photographers.....	208	47.8	83.6	6.8	5.8	11.4
Television, video, and motion picture camera operators and editors.....	82	16.1	85.6	9.5	1.7	15.7

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[Numbers in thousands]

Occupation	2018					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Media and communication equipment workers, all other.....	5	—	—	—	—	—
Healthcare practitioners and technical occupations.....	9,420	75.0	75.2	12.6	9.9	8.5
Chiropractors.....	63	21.1	92.8	0.9	4.0	3.0
Dentists.....	162	35.7	79.0	1.6	17.6	4.3
Dietitians and nutritionists.....	104	93.1	78.6	9.6	9.1	9.6
Optometrists.....	54	46.0	84.9	2.1	9.1	8.5
Pharmacists.....	348	63.4	67.9	7.2	23.1	4.4
Physicians and surgeons.....	1,094	40.3	70.8	7.6	19.8	7.4
Physician assistants.....	132	72.1	90.3	2.9	5.1	8.2
Podiatrists.....	11	—	—	—	—	—
Audiologists.....	10	—	—	—	—	—
Occupational therapists.....	116	86.8	91.1	2.5	6.4	4.2
Physical therapists.....	286	69.5	76.4	7.4	14.3	4.3
Radiation therapists.....	16	—	—	—	—	—
Recreational therapists.....	11	—	—	—	—	—
Respiratory therapists.....	108	63.8	64.9	17.3	13.9	11.6
Speech-language pathologists.....	152	96.0	94.1	3.5	1.2	4.8
Exercise physiologists.....	5	—	—	—	—	—
Therapists, all other.....	237	82.1	75.1	18.1	5.3	8.8
Veterinarians.....	102	71.2	92.9	0.0	4.1	2.3
Registered nurses.....	3,213	88.6	75.5	13.1	9.0	7.2
Nurse anesthetists.....	26	—	—	—	—	—
Nurse midwives.....	3	—	—	—	—	—
Nurse practitioners.....	212	87.2	79.1	11.2	8.8	2.6
Health diagnosing and treating practitioners, all other.....	40	—	—	—	—	—
Clinical laboratory technologists and technicians.....	318	75.2	70.0	18.6	8.5	12.9
Dental hygienists.....	178	97.1	88.3	5.6	3.8	8.6
Diagnostic related technologists and technicians.....	346	67.9	79.5	11.8	5.6	14.7
Emergency medical technicians and paramedics.....	214	33.9	84.3	11.9	2.2	13.9
Health practitioner support technologists and technicians.....	694	80.6	75.5	14.1	6.9	15.0
Licensed practical and licensed vocational nurses.....	658	87.8	62.0	30.4	5.1	11.5
Medical records and health information technicians.....	171	93.6	72.3	15.5	9.2	9.2
Opticians, dispensing.....	61	73.4	85.4	7.3	4.9	6.8
Miscellaneous health technologists and technicians.....	139	66.5	59.8	24.1	14.4	12.3
Other healthcare practitioners and technical occupations.....	137	52.1	81.4	10.2	4.1	10.8
Service occupations.....	26,854	57.5	72.0	17.3	6.1	24.4
Healthcare support occupations.....	3,629	87.1	64.3	26.2	5.7	18.3
Nursing, psychiatric, and home health aides.....	2,035	89.3	55.8	35.8	5.4	16.3
Occupational therapy assistants and aides.....	35	—	—	—	—	—
Physical therapist assistants and aides.....	88	67.4	85.0	6.1	6.7	7.1
Massage therapists.....	155	83.2	73.7	9.2	10.2	13.9
Dental assistants.....	293	96.0	80.8	9.9	3.5	27.7
Medical assistants.....	570	90.6	74.1	15.3	4.5	28.6
Medical transcriptionists.....	44	—	—	—	—	—
Pharmacy aides.....	34	—	—	—	—	—
Veterinary assistants and laboratory animal caretakers.....	56	86.3	84.5	7.0	2.8	9.4
Phlebotomists.....	115	75.0	72.7	16.9	7.6	19.6
Miscellaneous healthcare support occupations, including medical equipment preparers.....	204	64.0	63.5	26.4	8.6	11.9
Protective service occupations.....	3,203	22.5	73.5	20.1	2.4	13.8
First-line supervisors of correctional officers.....	45	—	—	—	—	—
First-line supervisors of police and detectives.....	88	17.0	88.8	9.2	0.4	9.4
First-line supervisors of fire fighting and prevention workers.....	49	—	—	—	—	—
First-line supervisors of protective service workers, all other.....	86	22.4	72.5	22.1	1.8	8.7
Firefighters.....	306	5.1	87.1	8.9	1.1	7.4
Fire inspectors.....	23	—	—	—	—	—
Bailliffs, correctional officers, and jailers.....	406	29.6	67.0	29.0	1.2	13.7
Detectives and criminal investigators.....	164	24.4	85.3	10.2	1.0	11.2
Fish and game wardens.....	7	—	—	—	—	—
Parking enforcement workers.....	4	—	—	—	—	—

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Occupation	2018					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Police and sheriff's patrol officers.....	728	15.4	81.7	12.7	2.1	13.5
Transit and railroad police.....	2	—	—	—	—	—
Animal control workers.....	19	—	—	—	—	—
Private detectives and investigators.....	96	49.5	78.2	15.7	3.3	20.2
Security guards and gaming surveillance officers.....	958	22.4	60.0	30.7	3.9	16.8
Crossing guards.....	66	53.2	58.4	26.5	1.9	20.9
Transportation security screeners.....	41	—	—	—	—	—
Lifeguards and other recreational, and all other protective service workers.....	117	46.3	85.2	6.5	4.0	9.7
Food preparation and serving related occupations.....	8,220	55.5	73.2	14.8	6.5	25.9
Chefs and head cooks.....	427	22.0	61.0	17.2	16.6	26.6
First-line supervisors of food preparation and serving workers.....	563	57.2	74.5	17.8	2.8	16.8
Cooks.....	2,067	41.8	71.7	17.6	6.3	34.7
Food preparation workers.....	988	61.0	71.1	15.9	6.2	26.2
Bartenders.....	474	57.2	84.3	7.3	2.9	15.1
Combined food preparation and serving workers, including fast food.....	322	63.0	73.2	17.8	3.5	21.0
Counter attendants, cafeteria, food concession, and coffee shop.....	202	68.8	74.6	15.3	4.9	18.0
Waiters and waitresses.....	2,020	69.9	76.0	10.7	7.6	22.6
Food servers, nonrestaurant.....	226	70.2	61.2	25.5	8.4	22.2
Dining room and cafeteria attendants and bartender helpers.....	309	45.7	73.1	13.5	6.0	29.2
Dishwashers.....	263	24.3	74.3	13.2	5.7	27.9
Hosts and hostesses, restaurant, lounge, and coffee shop.....	354	81.6	75.1	12.9	4.5	27.0
Food preparation and serving related workers, all other.....	5	—	—	—	—	—
Building and grounds cleaning and maintenance occupations.....	5,854	41.3	77.3	14.8	3.1	38.8
First-line supervisors of housekeeping and janitorial workers.....	339	42.4	75.5	15.9	3.6	25.1
First-line supervisors of landscaping, lawn service, and groundskeeping workers.....	254	8.0	88.3	6.5	1.5	26.2
Janitors and building cleaners.....	2,342	34.1	73.0	19.1	3.5	32.8
Maids and housekeeping cleaners.....	1,512	90.1	74.1	16.1	4.5	49.3
Pest control workers.....	79	8.4	84.9	10.6	0.0	12.2
Grounds maintenance workers.....	1,328	6.7	86.5	7.5	1.0	45.0
Personal care and service occupations.....	5,947	76.9	69.2	16.3	10.5	17.8
First-line supervisors of gaming workers.....	187	44.4	79.8	10.4	4.1	10.2
First-line supervisors of personal service workers.....	208	73.3	69.5	11.9	17.8	9.5
Animal trainers.....	55	72.6	87.2	1.7	4.4	10.5
Nonfarm animal caretakers.....	268	77.6	92.1	3.8	1.8	9.8
Gaming services workers.....	102	47.8	49.7	10.6	30.3	6.7
Motion picture projectionists.....	1	—	—	—	—	—
Ushers, lobby attendants, and ticket takers.....	35	—	—	—	—	—
Miscellaneous entertainment attendants and related workers.....	210	38.3	80.5	7.7	5.5	16.8
Embalmers and funeral attendants.....	17	—	—	—	—	—
Morticians, undertakers, and funeral directors.....	34	—	—	—	—	—
Barbers.....	132	21.0	62.0	30.2	5.3	27.3
Hairdressers, hairstylists, and cosmetologists.....	834	92.1	75.7	14.2	7.3	17.6
Miscellaneous personal appearance workers.....	449	83.6	31.2	9.1	57.2	10.8
Baggage porters, bellhops, and concierges.....	92	22.6	49.7	37.7	10.3	26.1
Tour and travel guides.....	65	43.6	85.0	6.4	2.9	13.4
Childcare workers.....	1,193	94.0	76.7	15.5	4.1	24.3
Personal care aides.....	1,354	84.4	62.3	24.6	8.3	22.4
Recreation and fitness workers.....	497	60.5	76.0	15.6	4.3	9.2
Residential advisors.....	41	—	—	—	—	—
Personal care and service workers, all other.....	171	68.1	72.2	17.8	5.4	15.3
Sales and office occupations.....	33,461	61.1	78.6	12.8	4.9	16.6
Sales and related occupations.....	15,806	49.4	80.2	11.0	5.3	16.3
First-line supervisors of retail sales workers.....	3,366	44.6	80.8	10.2	5.3	13.9
First-line supervisors of non-retail sales workers.....	1,257	28.5	84.7	6.9	6.4	15.0
Cashiers.....	3,200	73.8	70.3	17.3	6.6	24.5
Counter and rental clerks.....	114	40.6	71.4	20.4	5.8	24.6
Parts salespersons.....	127	10.4	82.2	9.2	2.8	19.3

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2018					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Retail salespersons.....	3,147	48.7	78.7	12.6	5.1	18.2
Advertising sales agents.....	221	50.4	81.2	10.4	4.8	14.9
Insurance sales agents.....	619	51.4	83.3	8.7	5.3	11.6
Securities, commodities, and financial services sales agents.....	231	31.8	85.6	6.3	6.8	11.9
Travel agents.....	79	85.5	77.9	17.7	4.4	9.9
Sales representatives, services, all other.....	516	30.0	89.0	6.5	2.9	7.5
Sales representatives, wholesale and manufacturing.....	1,273	27.6	90.8	4.1	2.9	11.2
Models, demonstrators, and product promoters.....	60	72.1	79.0	8.8	7.2	13.4
Real estate brokers and sales agents.....	1,072	56.2	86.0	6.4	6.1	10.8
Sales engineers.....	34	—	—	—	—	—
Telemarketers.....	58	65.3	69.3	23.3	3.7	22.9
Door-to-door sales workers, news and street vendors, and related workers.....	158	60.9	86.1	10.6	1.3	22.8
Sales and related workers, all other.....	275	48.4	85.0	8.7	4.5	7.2
Office and administrative support occupations.....	17,655	71.6	77.1	14.4	4.6	16.9
First-line supervisors of office and administrative support workers.....	1,450	71.7	81.6	11.2	3.5	13.5
Switchboard operators, including answering service.....	23	—	—	—	—	—
Telephone operators.....	30	—	—	—	—	—
Communications equipment operators, all other.....	9	—	—	—	—	—
Bill and account collectors.....	122	71.1	69.4	24.0	1.4	21.3
Billing and posting clerks.....	490	87.1	77.0	13.8	5.2	18.0
Bookkeeping, accounting, and auditing clerks.....	1,045	86.7	87.5	7.0	3.7	10.2
Gaming cage workers.....	8	—	—	—	—	—
Payroll and timekeeping clerks.....	121	89.8	78.2	13.3	6.6	14.9
Procurement clerks.....	31	—	—	—	—	—
Tellers.....	300	85.4	77.2	12.7	6.1	17.8
Financial clerks, all other.....	92	61.9	76.7	9.2	7.7	23.2
Brokerage clerks.....	4	—	—	—	—	—
Correspondence clerks.....	4	—	—	—	—	—
Court, municipal, and license clerks.....	83	76.5	79.1	12.6	2.9	16.1
Credit authorizers, checkers, and clerks.....	54	64.5	67.2	28.9	2.7	12.3
Customer service representatives.....	2,563	63.7	72.8	17.8	4.7	19.1
Eligibility interviewers, government programs.....	68	80.0	65.9	25.2	3.1	20.5
File clerks.....	161	76.8	78.3	15.1	5.5	15.5
Hotel, motel, and resort desk clerks.....	131	68.6	71.2	13.7	5.9	21.8
Interviewers, except eligibility and loan.....	152	81.6	70.0	21.7	3.1	16.4
Library assistants, clerical.....	103	78.0	84.9	9.5	3.8	8.3
Loan interviewers and clerks.....	117	80.8	74.5	13.9	9.5	11.7
New accounts clerks.....	23	—	—	—	—	—
Order clerks.....	78	49.1	70.3	13.2	8.2	17.7
Human resources assistants, except payroll and timekeeping.....	57	83.3	68.8	20.1	6.0	12.3
Receptionists and information clerks.....	1,324	90.5	79.5	13.2	3.2	20.4
Reservation and transportation ticket agents and travel clerks.....	128	59.4	67.0	17.3	5.3	21.9
Information and record clerks, all other.....	121	77.6	79.7	11.7	6.8	15.2
Cargo and freight agents.....	30	—	—	—	—	—
Couriers and messengers.....	293	21.1	70.8	21.1	4.3	20.3
Dispatchers.....	293	60.7	79.3	15.2	2.8	13.3
Meter readers, utilities.....	24	—	—	—	—	—
Postal service clerks.....	120	54.9	46.5	40.9	8.3	8.6
Postal service mail carriers.....	302	39.8	64.8	23.6	6.9	13.3
Postal service mail sorters, processors, and processing machine operators.....	58	56.6	50.5	41.1	4.4	11.7
Production, planning, and expediting clerks.....	269	54.0	80.0	9.4	7.3	12.5
Shipping, receiving, and traffic clerks.....	578	29.1	76.2	15.2	3.1	23.6
Stock clerks and order fillers.....	1,527	37.4	70.2	19.7	4.5	22.9
Weighers, measurers, checkers, and samplers, recordkeeping.....	56	38.9	86.1	9.5	4.0	18.1
Secretaries and administrative assistants.....	2,569	94.0	84.8	8.9	3.3	13.5
Computer operators.....	73	63.8	72.4	16.8	9.5	10.7
Data entry keyers.....	270	77.2	71.7	17.0	9.1	18.1
Word processors and typists.....	67	85.1	62.9	22.2	8.0	15.9

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2018					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Desktop publishers.....	1	—	—	—	—	—
Insurance claims and policy processing clerks.....	244	82.5	80.7	14.9	2.6	14.8
Mail clerks and mail machine operators, except postal service.....	63	41.5	70.5	20.6	2.5	20.5
Office clerks, general.....	1,309	84.5	75.7	14.2	7.0	19.1
Office machine operators, except computer.....	24	—	—	—	—	—
Proofreaders and copy markers.....	11	—	—	—	—	—
Statistical assistants.....	40	—	—	—	—	—
Office and administrative support workers, all other.....	540	78.5	78.1	14.0	5.0	14.1
Natural resources, construction, and maintenance occupations.....	14,471	5.1	86.2	7.6	2.2	31.9
Farming, fishing, and forestry occupations.....	1,121	24.3	89.9	3.8	2.2	46.0
First-line supervisors of farming, fishing, and forestry workers.....	60	16.5	96.9	0.4	0.1	33.6
Agricultural inspectors.....	22	—	—	—	—	—
Animal breeders.....	5	—	—	—	—	—
Graders and sorters, agricultural products.....	85	57.8	84.0	7.6	5.3	44.2
Miscellaneous agricultural workers.....	833	23.4	90.3	3.6	1.7	52.8
Fishers and related fishing workers.....	39	—	—	—	—	—
Hunters and trappers.....	3	—	—	—	—	—
Forest and conservation workers.....	16	—	—	—	—	—
Logging workers.....	58	2.6	94.6	1.0	3.1	8.5
Construction and extraction occupations.....	8,338	3.4	87.5	7.1	1.6	37.0
First-line supervisors of construction trades and extraction workers..	634	3.5	92.2	4.2	0.8	23.0
Boilermakers.....	20	—	—	—	—	—
Brickmasons, blockmasons, and stonemasons.....	143	1.9	87.1	9.3	1.5	35.5
Carpenters.....	1,375	2.2	86.1	6.2	2.3	39.1
Carpet, floor, and tile installers and finishers.....	164	1.9	86.5	8.4	0.7	46.4
Cement masons, concrete finishers, and terrazzo workers.....	50	0.0	79.3	12.5	0.0	46.6
Construction laborers.....	2,110	3.7	87.4	7.5	1.6	47.6
Paving, surfacing, and tamping equipment operators.....	21	—	—	—	—	—
Pile-driver operators.....	1	—	—	—	—	—
Operating engineers and other construction equipment operators....	342	2.0	89.0	7.5	0.3	17.4
Drywall installers, ceiling tile installers, and tapers.....	164	1.6	88.1	4.6	0.6	70.2
Electricians.....	887	2.4	86.9	8.2	1.8	23.3
Glaziers.....	45	—	—	—	—	—
Insulation workers.....	60	2.5	84.2	8.7	1.9	38.9
Painters, construction and maintenance.....	607	7.2	87.6	5.7	2.3	54.9
Paperhangers.....	5	—	—	—	—	—
Pipelayers, plumbers, pipefitters, and steamfitters.....	641	3.5	88.5	8.2	1.3	26.6
Plasterers and stucco masons.....	19	—	—	—	—	—
Reinforcing iron and rebar workers.....	3	—	—	—	—	—
Roofers.....	201	2.6	86.7	6.6	1.8	56.3
Sheet metal workers.....	147	2.8	88.5	7.7	1.3	23.3
Structural iron and steel workers.....	60	2.2	81.7	6.3	4.4	22.9
Solar photovoltaic installers.....	16	—	—	—	—	—
Helpers, construction trades.....	77	5.6	80.6	13.3	1.7	35.9
Construction and building inspectors.....	108	14.0	85.6	7.7	2.2	8.4
Elevator installers and repairers.....	25	—	—	—	—	—
Fence erectors.....	33	—	—	—	—	—
Hazardous materials removal workers.....	36	—	—	—	—	—
Highway maintenance workers.....	105	3.9	82.8	12.2	0.7	12.7
Rail-track laying and maintenance equipment operators.....	10	—	—	—	—	—
Septic tank servicers and sewer pipe cleaners.....	9	—	—	—	—	—
Miscellaneous construction and related workers.....	28	—	—	—	—	—
Derrick, rotary drill, and service unit operators, oil, gas, and mining..	30	—	—	—	—	—
Earth drillers, except oil and gas.....	22	—	—	—	—	—
Explosives workers, ordnance handling experts, and blasters.....	12	—	—	—	—	—
Mining machine operators.....	65	4.9	86.0	6.7	0.8	18.1
Roof bolters, mining.....	1	—	—	—	—	—
Roustabouts, oil and gas.....	10	—	—	—	—	—
Helpers--extraction workers.....	2	—	—	—	—	—

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2018					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Other extraction workers.....	49	—	—	—	—	—
Installation, maintenance, and repair occupations.....	5,012	3.7	83.4	9.4	3.3	20.1
First-line supervisors of mechanics, installers, and repairers.....	280	5.9	87.0	7.4	1.6	12.9
Computer, automated teller, and office machine repairers.....	185	13.7	75.6	14.0	7.6	14.7
Radio and telecommunications equipment installers and repairers... ..	136	13.6	73.4	16.0	8.8	19.1
Avionics technicians.....	13	—	—	—	—	—
Electric motor, power tool, and related repairers.....	26	—	—	—	—	—
Electrical and electronics installers and repairers, transportation equipment.....	1	—	—	—	—	—
Electrical and electronics repairers, industrial and utility.....	11	—	—	—	—	—
Electronic equipment installers and repairers, motor vehicles.....	5	—	—	—	—	—
Electronic home entertainment equipment installers and repairers... ..	38	—	—	—	—	—
Security and fire alarm systems installers.....	63	0.7	86.9	7.9	1.0	22.7
Aircraft mechanics and service technicians.....	164	3.6	82.4	9.1	5.0	19.4
Automotive body and related repairers.....	152	1.8	91.3	5.0	1.6	30.9
Automotive glass installers and repairers.....	24	—	—	—	—	—
Automotive service technicians and mechanics.....	916	2.1	82.9	8.8	4.1	26.0
Bus and truck mechanics and diesel engine specialists.....	389	0.9	87.9	8.1	1.8	18.7
Heavy vehicle and mobile equipment service technicians and mechanics.....	211	0.8	84.2	6.4	2.1	12.4
Small engine mechanics.....	51	2.7	98.0	0.6	0.1	15.7
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers.....	93	2.8	78.7	12.9	2.3	31.1
Control and valve installers and repairers.....	20	—	—	—	—	—
Heating, air conditioning, and refrigeration mechanics and installers.....	472	1.4	86.4	7.6	2.9	21.5
Home appliance repairers.....	41	—	—	—	—	—
Industrial and refractory machinery mechanics.....	442	2.4	83.9	9.3	3.3	15.4
Maintenance and repair workers, general.....	507	3.5	79.8	12.7	3.1	19.0
Maintenance workers, machinery.....	25	—	—	—	—	—
Millwrights.....	46	—	—	—	—	—
Electrical power-line installers and repairers.....	137	4.1	86.0	10.0	0.9	12.1
Telecommunications line installers and repairers.....	210	3.9	77.4	13.1	4.2	19.2
Precision instrument and equipment repairers.....	65	13.2	74.0	12.8	7.7	12.2
Wind turbine service technicians.....	3	—	—	—	—	—
Coin, vending, and amusement machine servicers and repairers... ..	36	—	—	—	—	—
Commercial divers.....	1	—	—	—	—	—
Locksmiths and safe repairers.....	34	—	—	—	—	—
Manufactured building and mobile home installers.....	7	—	—	—	—	—
Riggers.....	14	—	—	—	—	—
Signal and track switch repairers.....	14	—	—	—	—	—
Helpers--installation, maintenance, and repair workers.....	16	—	—	—	—	—
Other installation, maintenance, and repair workers.....	167	7.0	83.6	9.4	3.6	24.4
Production, transportation, and material moving occupations.....	18,539	23.1	74.4	16.6	5.1	22.8
Production occupations.....	8,621	28.8	76.6	13.5	5.8	23.4
First-line supervisors of production and operating workers.....	832	19.6	81.1	10.2	4.3	18.9
Aircraft structure, surfaces, rigging, and systems assemblers.....	5	—	—	—	—	—
Electrical, electronics, and electromechanical assemblers.....	124	49.2	69.7	12.2	15.1	22.5
Engine and other machine assemblers.....	10	—	—	—	—	—
Structural metal fabricators and fitters.....	33	—	—	—	—	—
Miscellaneous assemblers and fabricators.....	1,064	36.6	66.8	19.9	9.5	19.1
Bakers.....	219	61.1	74.6	12.8	7.3	29.5
Butchers and other meat, poultry, and fish processing workers... ..	265	28.3	65.5	20.8	6.4	32.4
Food and tobacco roasting, baking, and drying machine operators and tenders.....	6	—	—	—	—	—
Food batchmakers.....	80	63.3	78.6	11.2	7.3	22.0
Food cooking machine operators and tenders.....	14	—	—	—	—	—
Food processing workers, all other.....	158	37.0	67.4	22.6	4.8	39.4
Computer control programmers and operators.....	107	9.7	91.4	7.1	1.5	19.1

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2018					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Extruding and drawing machine setters, operators, and tenders, metal and plastic.....	14	—	—	—	—	—
Forging machine setters, operators, and tenders, metal and plastic..	6	—	—	—	—	—
Rolling machine setters, operators, and tenders, metal and plastic...	11	—	—	—	—	—
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic.....	61	9.9	75.0	12.6	4.1	8.2
Drilling and boring machine tool setters, operators, and tenders, metal and plastic.....	3	—	—	—	—	—
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic.....	38	—	—	—	—	—
Lathe and turning machine tool setters, operators, and tenders, metal and plastic.....	8	—	—	—	—	—
Milling and planing machine setters, operators, and tenders, metal and plastic.....	3	—	—	—	—	—
Machinists.....	344	6.4	83.7	7.2	5.8	13.6
Metal furnace operators, tenders, pourers, and casters.....	20	—	—	—	—	—
Model makers and patternmakers, metal and plastic.....	6	—	—	—	—	—
Molders and molding machine setters, operators, and tenders, metal and plastic.....	40	—	—	—	—	—
Multiple machine tool setters, operators, and tenders, metal and plastic.....	5	—	—	—	—	—
Tool and die makers.....	50	5.7	96.1	1.8	1.7	12.4
Welding, soldering, and brazing workers.....	633	5.4	85.7	8.3	1.4	25.0
Heat treating equipment setters, operators, and tenders, metal and plastic.....	9	—	—	—	—	—
Layout workers, metal and plastic.....	9	—	—	—	—	—
Plating and coating machine setters, operators, and tenders, metal and plastic.....	17	—	—	—	—	—
Tool grinders, filers, and sharpeners.....	3	—	—	—	—	—
Metal workers and plastic workers, all other.....	373	18.3	73.6	15.0	7.0	22.9
Prepress technicians and workers.....	18	—	—	—	—	—
Printing press operators.....	164	22.7	82.1	10.2	3.6	20.6
Print binding and finishing workers.....	13	—	—	—	—	—
Laundry and dry-cleaning workers.....	143	71.5	64.9	20.1	7.1	43.1
Pressers, textile, garment, and related materials.....	36	—	—	—	—	—
Sewing machine operators.....	174	73.4	74.1	9.4	12.7	44.3
Shoe and leather workers and repairers.....	8	—	—	—	—	—
Shoe machine operators and tenders.....	4	—	—	—	—	—
Tailors, dressmakers, and sewers.....	85	75.1	67.7	3.6	25.3	23.5
Textile bleaching and dyeing machine operators and tenders.....	1	—	—	—	—	—
Textile cutting machine setters, operators, and tenders.....	6	—	—	—	—	—
Textile knitting and weaving machine setters, operators, and tenders.....	5	—	—	—	—	—
Textile winding, twisting, and drawing out machine setters, operators, and tenders.....	5	—	—	—	—	—
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers.....	0	—	—	—	—	—
Fabric and apparel patternmakers.....	3	—	—	—	—	—
Upholsterers.....	31	—	—	—	—	—
Textile, apparel, and furnishings workers, all other.....	16	—	—	—	—	—
Cabinetmakers and bench carpenters.....	65	6.5	88.3	5.7	3.3	14.4
Furniture finishers.....	20	—	—	—	—	—
Model makers and patternmakers, wood.....	0	—	—	—	—	—
Sawing machine setters, operators, and tenders, wood.....	37	—	—	—	—	—
Woodworking machine setters, operators, and tenders, except sawing.....	27	—	—	—	—	—
Woodworkers, all other.....	28	—	—	—	—	—
Power plant operators, distributors, and dispatchers.....	33	—	—	—	—	—
Stationary engineers and boiler operators.....	79	1.3	77.8	8.8	9.4	10.6
Water and wastewater treatment plant and system operators.....	101	7.2	85.6	7.6	1.4	9.4
Miscellaneous plant and system operators.....	38	—	—	—	—	—
Chemical processing machine setters, operators, and tenders.....	75	11.3	90.3	7.5	0.5	11.2

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2018					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Crushing, grinding, polishing, mixing, and blending workers.....	79	9.1	79.8	15.7	0.3	20.0
Cutting workers.....	60	27.5	77.0	11.4	8.4	30.6
Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	22	—	—	—	—	—
Furnace, kiln, oven, drier, and kettle operators and tenders.....	25	—	—	—	—	—
Inspectors, testers, sorters, samplers, and weighers.....	807	36.6	77.1	13.9	6.0	19.1
Jewelers and precious stone and metal workers.....	38	—	—	—	—	—
Medical, dental, and ophthalmic laboratory technicians.....	87	54.2	70.8	10.1	13.2	19.9
Packaging and filling machine operators and tenders.....	277	55.8	67.0	22.3	7.6	38.9
Painting workers.....	165	9.4	80.7	11.2	1.8	36.0
Photographic process workers and processing machine operators... ..	17	—	—	—	—	—
Semiconductor processors.....	1	—	—	—	—	—
Adhesive bonding machine operators and tenders.....	8	—	—	—	—	—
Cleaning, washing, and metal pickling equipment operators and tenders.....	9	—	—	—	—	—
Cooling and freezing equipment operators and tenders.....	4	—	—	—	—	—
Etchers and engravers.....	11	—	—	—	—	—
Molders, shapers, and casters, except metal and plastic.....	37	—	—	—	—	—
Paper goods machine setters, operators, and tenders.....	21	—	—	—	—	—
Tire builders.....	7	—	—	—	—	—
Helpers—production workers.....	53	31.8	77.6	13.9	4.3	37.9
Production workers, all other.....	1,107	29.5	74.9	16.6	4.1	26.4
Transportation and material moving occupations.....	9,918	18.1	72.5	19.2	4.5	22.3
Supervisors of transportation and material moving workers.....	217	23.2	68.3	19.5	6.7	14.2
Aircraft pilots and flight engineers.....	119	9.0	92.4	2.7	4.2	6.8
Air traffic controllers and airfield operations specialists.....	37	—	—	—	—	—
Flight attendants.....	104	74.9	66.1	20.8	10.6	9.7
Ambulance drivers and attendants, except emergency medical technicians.....	12	—	—	—	—	—
Bus drivers.....	599	43.8	64.8	29.4	3.8	15.1
Driver/sales workers and truck drivers.....	3,549	6.6	77.0	16.3	3.2	20.9
Taxi drivers and chauffeurs.....	777	18.0	52.5	27.9	14.9	18.3
Motor vehicle operators, all other.....	63	18.1	75.7	20.8	1.2	21.0
Locomotive engineers and operators.....	36	—	—	—	—	—
Railroad brake, signal, and switch operators.....	5	—	—	—	—	—
Railroad conductors and yardmasters.....	53	7.1	76.1	15.0	5.6	13.4
Subway, streetcar, and other rail transportation workers.....	15	—	—	—	—	—
Sailors and marine oilers.....	21	—	—	—	—	—
Ship and boat captains and operators.....	33	—	—	—	—	—
Ship engineers.....	6	—	—	—	—	—
Bridge and lock tenders.....	7	—	—	—	—	—
Parking lot attendants.....	87	9.7	74.3	17.1	7.8	44.2
Automotive and watercraft service attendants.....	102	20.5	76.3	9.5	7.7	20.8
Transportation inspectors.....	37	—	—	—	—	—
Transportation attendants, except flight attendants.....	40	—	—	—	—	—
Other transportation workers.....	24	—	—	—	—	—
Conveyor operators and tenders.....	2	—	—	—	—	—
Crane and tower operators.....	68	6.0	82.2	12.3	3.6	8.3
Dredge, excavating, and loading machine operators.....	24	—	—	—	—	—
Hoist and winch operators.....	10	—	—	—	—	—
Industrial truck and tractor operators.....	631	8.1	71.2	21.5	1.7	30.2
Cleaners of vehicles and equipment.....	329	15.2	73.2	19.8	2.0	32.9
Laborers and freight, stock, and material movers, hand.....	2,106	21.4	74.0	18.9	3.1	22.0
Machine feeders and offbearers.....	30	—	—	—	—	—
Packers and packagers, hand.....	607	54.5	68.1	19.8	7.9	42.6
Pumping station operators.....	16	—	—	—	—	—
Refuse and recyclable material collectors.....	91	14.5	68.8	23.5	2.8	28.6

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2018					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Mine shuttle car operators.....	1	—	—	—	—	—
Tank car, truck, and ship loaders.....	8	—	—	—	—	—
Material moving workers, all other.....	51	19.9	74.9	24.3	0.1	25.7

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).