

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2019					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Total, 16 years and over.....	157,538	47.0	77.7	12.3	6.5	17.6
Management, professional, and related occupations.....	64,218	51.8	79.0	9.6	8.7	10.1
Management, business, and financial operations occupations.....	26,981	44.1	82.1	8.4	7.0	10.4
Management occupations.....	18,985	40.0	83.6	7.8	6.1	10.7
Chief executives.....	1,602	27.6	88.8	4.1	5.8	6.2
General and operations managers.....	1,058	30.6	86.4	6.6	3.5	12.5
Legislators.....	19	—	—	—	—	—
Advertising and promotions managers.....	55	56.9	89.5	0.7	7.0	9.0
Marketing and sales managers.....	1,184	48.5	86.1	6.1	5.6	8.9
Public relations and fundraising managers.....	73	71.4	89.8	8.0	0.4	1.4
Administrative services managers.....	184	42.0	83.9	10.5	3.2	10.9
Computer and information systems managers.....	654	28.7	72.7	9.6	15.8	4.7
Financial managers.....	1,194	53.5	80.2	8.5	9.4	11.4
Compensation and benefits managers.....	24	—	—	—	—	—
Human resources managers.....	321	74.7	77.8	11.1	7.1	10.1
Training and development managers.....	46	—	—	—	—	—
Industrial production managers.....	274	22.4	87.2	5.4	5.5	10.9
Purchasing managers.....	227	42.8	75.1	14.4	5.9	10.0
Transportation, storage, and distribution managers.....	281	17.3	85.1	9.6	2.4	17.3
Farmers, ranchers, and other agricultural managers.....	962	24.5	96.6	0.9	1.0	5.7
Construction managers.....	994	10.0	90.9	3.5	2.5	13.9
Education administrators.....	958	67.7	78.6	15.3	3.3	11.8
Architectural and engineering managers.....	154	11.7	81.5	6.0	11.8	6.7
Food service managers.....	1,249	46.5	76.3	9.8	9.6	19.8
Funeral service managers.....	13	—	—	—	—	—
Gaming managers.....	19	—	—	—	—	—
Lodging managers.....	162	49.5	80.9	7.0	9.3	14.6
Medical and health services managers.....	677	69.7	79.0	12.7	5.7	11.8
Natural sciences managers.....	15	—	—	—	—	—
Postmasters and mail superintendents.....	30	—	—	—	—	—
Property, real estate, and community association managers.....	780	47.3	83.6	8.9	4.5	12.8
Social and community service managers.....	470	68.2	79.9	12.3	3.2	10.6
Emergency management directors.....	7	—	—	—	—	—
Managers, all other.....	5,299	36.0	83.4	7.5	6.8	10.3
Business and financial operations occupations.....	7,996	54.0	78.4	9.9	9.0	9.5
Agents and business managers of artists, performers, and athletes.....	47	—	—	—	—	—
Buyers and purchasing agents, farm products.....	16	—	—	—	—	—
Wholesale and retail buyers, except farm products.....	226	47.8	87.0	6.9	3.5	14.6
Purchasing agents, except wholesale, retail, and farm products.....	279	48.5	82.5	9.9	4.2	10.3
Claims adjusters, appraisers, examiners, and investigators.....	318	62.1	73.6	19.5	4.4	9.5
Compliance officers.....	298	59.5	80.7	10.2	6.1	10.5
Cost estimators.....	127	14.3	90.0	3.1	5.8	8.1
Human resources workers.....	770	73.5	75.7	13.8	7.1	13.8
Compensation, benefits, and job analysis specialists.....	51	75.0	76.0	19.0	3.7	6.0
Training and development specialists.....	125	52.5	77.3	15.4	4.0	10.6
Logisticians.....	154	31.7	77.1	15.5	2.7	8.2
Management analysts.....	950	42.1	76.1	7.5	13.7	8.6
Meeting, convention, and event planners.....	146	78.7	82.0	8.8	7.4	11.9
Fundraisers.....	93	67.2	89.3	5.1	2.5	5.2
Market research analysts and marketing specialists.....	369	56.6	80.6	5.9	11.4	7.2
Business operations specialists, all other.....	269	57.7	75.8	10.3	10.9	10.5
Accountants and auditors.....	1,964	61.7	77.1	8.5	12.0	8.9
Appraisers and assessors of real estate.....	84	42.0	93.2	2.7	4.1	8.3
Budget analysts.....	51	60.4	64.6	19.3	12.2	3.6
Credit analysts.....	28	—	—	—	—	—
Financial analysts.....	345	34.2	77.8	8.6	11.7	8.3
Personal financial advisors.....	551	32.1	82.2	6.9	8.6	6.3
Insurance underwriters.....	105	51.1	87.0	5.9	5.4	6.2

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[Numbers in thousands]

Occupation	2019					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Financial examiners.....	21	—	—	—	—	—
Credit counselors and loan officers.....	403	53.9	81.7	12.2	4.2	11.6
Tax examiners and collectors, and revenue agents.....	53	69.2	58.8	25.8	12.8	12.1
Tax preparers.....	97	62.3	77.5	16.6	5.6	15.2
Financial specialists, all other.....	57	46.8	68.6	17.9	8.7	15.9
Professional and related occupations.....	37,237	57.4	76.7	10.5	10.0	9.9
Computer and mathematical occupations.....	5,352	25.8	65.7	8.7	23.1	7.8
Computer and information research scientists.....	24	—	—	—	—	—
Computer systems analysts.....	663	40.1	67.8	9.7	20.3	8.3
Information security analysts.....	125	17.1	74.6	16.6	7.6	12.9
Computer programmers.....	454	20.3	67.8	8.5	21.8	8.7
Software developers, applications and systems software.....	1,815	18.7	54.0	5.8	37.7	5.1
Web developers.....	193	41.4	77.6	6.7	12.0	4.6
Computer support specialists.....	547	26.4	74.2	10.5	12.7	11.3
Database administrators.....	106	30.2	72.0	6.8	16.7	6.2
Network and computer systems administrators.....	199	26.1	77.2	9.7	11.7	8.5
Computer network architects.....	106	9.2	76.1	13.1	10.3	14.1
Computer occupations, all other.....	808	23.6	70.5	12.7	14.1	9.7
Actuaries.....	33	—	—	—	—	—
Mathematicians.....	3	—	—	—	—	—
Operations research analysts.....	152	42.7	80.5	6.8	8.3	9.7
Statisticians.....	101	52.4	69.6	8.2	21.1	7.7
Miscellaneous mathematical science occupations.....	22	—	—	—	—	—
Architecture and engineering occupations.....	3,305	15.7	77.5	6.8	13.3	9.2
Architects, except naval.....	208	24.5	82.6	6.3	8.8	8.5
Surveyors, cartographers, and photogrammetrists.....	48	—	—	—	—	—
Aerospace engineers.....	134	13.8	78.0	6.5	14.5	7.3
Agricultural engineers.....	6	—	—	—	—	—
Biomedical engineers.....	25	—	—	—	—	—
Chemical engineers.....	87	14.4	75.6	4.0	17.1	2.4
Civil engineers.....	475	13.9	80.3	5.9	12.2	8.4
Computer hardware engineers.....	77	22.8	54.3	5.7	38.4	10.2
Electrical and electronics engineers.....	285	11.6	71.3	7.3	19.9	8.7
Environmental engineers.....	25	—	—	—	—	—
Industrial engineers, including health and safety.....	245	24.3	80.7	7.9	9.4	5.9
Marine engineers and naval architects.....	12	—	—	—	—	—
Materials engineers.....	44	—	—	—	—	—
Mechanical engineers.....	351	6.6	80.4	5.1	11.6	8.4
Mining and geological engineers, including mining safety engineers.....	8	—	—	—	—	—
Nuclear engineers.....	8	—	—	—	—	—
Petroleum engineers.....	24	—	—	—	—	—
Engineers, all other.....	582	13.9	71.8	5.4	20.6	9.8
Drafters.....	113	23.3	90.8	3.5	2.7	14.7
Engineering technicians, except drafters.....	496	19.8	76.5	12.1	8.3	12.7
Surveying and mapping technicians.....	53	6.8	86.3	6.6	3.5	10.9
Life, physical, and social science occupations.....	1,485	49.4	76.9	6.3	14.4	9.5
Agricultural and food scientists.....	37	—	—	—	—	—
Biological scientists.....	104	47.7	81.0	3.4	14.4	8.7
Conservation scientists and foresters.....	20	—	—	—	—	—
Medical scientists.....	170	51.8	64.1	7.3	27.8	8.8
Life scientists, all other.....	2	—	—	—	—	—
Astronomers and physicists.....	17	—	—	—	—	—
Atmospheric and space scientists.....	10	—	—	—	—	—
Chemists and materials scientists.....	97	42.5	75.7	7.0	13.7	8.2
Environmental scientists and geoscientists.....	119	33.0	85.1	4.8	7.4	12.4
Physical scientists, all other.....	298	43.7	68.3	3.4	25.7	7.1
Economists.....	35	—	—	—	—	—
Survey researchers.....	0	—	—	—	—	—
Psychologists.....	234	79.7	89.9	5.8	3.5	10.3

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

[Numbers in thousands]

Occupation	2019					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Sociologists.....	2	—	—	—	—	—
Urban and regional planners.....	25	—	—	—	—	—
Miscellaneous social scientists and related workers.....	39	—	—	—	—	—
Agricultural and food science technicians.....	20	—	—	—	—	—
Biological technicians.....	23	—	—	—	—	—
Chemical technicians.....	56	30.8	80.1	10.6	6.3	12.2
Geological and petroleum technicians.....	20	—	—	—	—	—
Nuclear technicians.....	3	—	—	—	—	—
Social science research assistants.....	1	—	—	—	—	—
Miscellaneous life, physical, and social science technicians.....	152	54.0	72.8	8.6	15.0	13.4
Community and social service occupations.....	2,717	67.5	72.9	20.1	3.6	13.0
Counselors.....	927	75.7	72.7	21.2	2.7	12.7
Social workers.....	823	81.9	69.6	23.0	3.7	14.3
Probation officers and correctional treatment specialists.....	97	44.6	70.6	26.7	0.4	15.8
Social and human service assistants.....	238	79.0	65.2	25.5	4.3	16.4
Miscellaneous community and social service specialists, including health educators and community health workers.....	78	70.8	71.1	22.5	2.5	21.9
Clergy.....	413	20.7	79.1	12.2	5.9	7.7
Directors, religious activities and education.....	72	48.6	92.3	5.1	2.3	13.4
Religious workers, all other.....	69	72.7	89.6	5.1	4.7	8.3
Legal occupations.....	1,955	52.7	83.0	8.3	6.1	9.5
Lawyers.....	1,240	36.4	86.6	5.9	5.7	5.8
Judicial law clerks.....	7	—	—	—	—	—
Judges, magistrates, and other judicial workers.....	70	52.5	81.5	13.4	4.8	8.6
Paralegals and legal assistants.....	444	89.6	77.1	11.8	6.7	17.7
Miscellaneous legal support workers.....	193	72.5	74.2	13.2	8.0	13.9
Education, training, and library occupations.....	9,455	73.6	81.7	10.2	5.3	11.0
Postsecondary teachers.....	1,386	47.4	75.3	7.0	15.1	8.3
Preschool and kindergarten teachers.....	655	98.7	75.8	15.7	5.2	14.9
Elementary and middle school teachers.....	3,604	80.5	84.7	10.2	2.6	10.2
Secondary school teachers.....	1,015	56.5	87.1	7.3	3.3	8.8
Special education teachers.....	331	86.7	85.2	9.2	3.5	6.5
Other teachers and instructors.....	1,017	64.6	78.4	11.7	6.1	11.6
Archivists, curators, and museum technicians.....	48	—	—	—	—	—
Librarians.....	179	79.9	87.8	6.0	3.2	9.8
Library technicians.....	33	—	—	—	—	—
Teacher assistants.....	999	89.7	79.0	13.4	4.1	18.0
Other education, training, and library workers.....	189	72.6	82.4	12.6	3.5	12.2
Arts, design, entertainment, sports, and media occupations.....	3,285	49.0	82.8	7.7	5.9	11.6
Artists and related workers.....	248	54.0	86.8	4.5	3.8	11.1
Designers.....	983	54.0	82.2	5.7	9.0	11.0
Actors.....	40	—	—	—	—	—
Producers and directors.....	186	42.5	86.7	6.4	3.5	8.0
Athletes, coaches, umpires, and related workers.....	345	35.3	81.1	9.3	4.3	10.8
Dancers and choreographers.....	23	—	—	—	—	—
Musicians, singers, and related workers.....	202	36.7	78.9	12.4	3.9	9.7
Entertainers and performers, sports and related workers, all other.....	50	32.8	86.4	5.0	0.3	7.3
Announcers.....	58	30.4	75.6	15.7	5.3	19.2
News analysts, reporters and correspondents.....	93	45.1	82.4	6.9	9.7	9.3
Public relations specialists.....	137	63.6	83.6	9.9	5.8	13.6
Editors.....	147	63.3	91.3	3.0	2.4	10.6
Technical writers.....	61	57.8	84.2	11.8	2.9	8.8
Writers and authors.....	225	63.5	89.6	5.9	3.4	4.8
Miscellaneous media and communication workers.....	118	66.4	67.8	14.6	11.2	35.3
Broadcast and sound engineering technicians and radio operators.....	119	12.0	78.3	9.1	7.9	14.0
Photographers.....	188	49.3	84.3	8.6	3.5	12.3
Television, video, and motion picture camera operators and editors.....	60	16.3	83.0	10.7	0.6	12.7

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[Numbers in thousands]

Occupation	2019					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Media and communication equipment workers, all other.....	0	—	—	—	—	—
Healthcare practitioners and technical occupations.....	9,684	75.4	75.3	12.5	9.6	9.0
Chiropractors.....	61	28.0	86.1	2.8	5.3	6.4
Dentists.....	162	33.9	74.3	0.8	23.6	7.2
Dietitians and nutritionists.....	128	92.1	77.9	15.2	5.9	9.0
Optometrists.....	43	—	—	—	—	—
Pharmacists.....	341	60.4	64.5	10.5	22.0	2.7
Physicians and surgeons.....	1,098	40.8	72.0	8.2	18.0	7.6
Physician assistants.....	131	70.8	84.3	4.5	6.8	8.6
Podiatrists.....	10	—	—	—	—	—
Audiologists.....	14	—	—	—	—	—
Occupational therapists.....	136	88.0	75.7	10.2	12.4	10.2
Physical therapists.....	304	67.9	76.4	5.9	14.1	4.0
Radiation therapists.....	16	—	—	—	—	—
Recreational therapists.....	10	—	—	—	—	—
Respiratory therapists.....	112	66.8	66.2	23.2	8.9	8.6
Speech-language pathologists.....	180	95.8	93.7	3.9	2.2	6.7
Exercise physiologists.....	2	—	—	—	—	—
Therapists, all other.....	235	81.4	81.1	12.2	5.1	11.9
Veterinarians.....	104	68.3	89.8	0.0	6.1	1.6
Registered nurses.....	3,242	88.9	75.9	12.4	9.2	7.2
Nurse anesthetists.....	33	—	—	—	—	—
Nurse midwives.....	10	—	—	—	—	—
Nurse practitioners.....	225	87.8	76.6	12.2	9.9	2.6
Health diagnosing and treating practitioners, all other.....	35	—	—	—	—	—
Clinical laboratory technologists and technicians.....	323	73.8	71.1	15.3	10.0	13.0
Dental hygienists.....	208	96.0	88.2	5.1	5.0	11.3
Diagnostic related technologists and technicians.....	398	70.0	76.7	12.8	5.8	9.7
Emergency medical technicians and paramedics.....	206	33.5	86.6	10.5	0.8	11.5
Health practitioner support technologists and technicians.....	710	79.0	74.7	15.6	5.4	16.5
Licensed practical and licensed vocational nurses.....	687	90.8	67.0	27.0	3.3	13.8
Medical records and health information technicians.....	185	93.3	72.8	17.5	6.0	14.4
Opticians, dispensing.....	49	—	—	—	—	—
Miscellaneous health technologists and technicians.....	152	65.0	64.6	19.6	13.7	16.3
Other healthcare practitioners and technical occupations.....	133	49.5	80.9	12.5	4.3	12.1
Service occupations.....	26,978	57.6	72.2	17.1	5.9	25.0
Healthcare support occupations.....	3,758	86.9	64.2	26.7	5.1	19.1
Nursing, psychiatric, and home health aides.....	2,086	88.3	54.3	37.2	4.4	17.6
Occupational therapy assistants and aides.....	29	—	—	—	—	—
Physical therapist assistants and aides.....	101	63.4	83.2	6.8	6.5	7.2
Massage therapists.....	183	83.6	72.3	8.8	13.1	11.1
Dental assistants.....	284	94.9	85.5	6.7	3.1	28.9
Medical assistants.....	596	92.7	75.1	15.3	4.8	29.0
Medical transcriptionists.....	41	—	—	—	—	—
Pharmacy aides.....	49	—	—	—	—	—
Veterinary assistants and laboratory animal caretakers.....	59	82.7	97.2	2.1	0.4	3.7
Phlebotomists.....	124	89.3	70.5	24.6	2.9	14.9
Miscellaneous healthcare support occupations, including medical equipment preparers.....	206	68.1	64.7	25.7	7.1	13.7
Protective service occupations.....	3,128	22.1	73.9	20.3	2.2	15.3
First-line supervisors of correctional officers.....	44	—	—	—	—	—
First-line supervisors of police and detectives.....	83	9.9	89.2	7.6	0.4	5.6
First-line supervisors of fire fighting and prevention workers.....	42	—	—	—	—	—
First-line supervisors of protective service workers, all other.....	78	25.0	69.8	20.7	2.2	11.3
Firefighters.....	318	3.3	86.7	8.5	1.3	11.6
Fire inspectors.....	21	—	—	—	—	—
Bailliffs, correctional officers, and jailers.....	372	30.1	60.5	34.2	1.7	12.3
Detectives and criminal investigators.....	164	23.0	82.7	12.7	1.9	8.4
Fish and game wardens.....	4	—	—	—	—	—
Parking enforcement workers.....	4	—	—	—	—	—

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Occupation	2019					
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Police and sheriff's patrol officers.....	716	17.6	82.9	12.6	1.5	17.0
Transit and railroad police.....	5	—	—	—	—	—
Animal control workers.....	10	—	—	—	—	—
Private detectives and investigators.....	97	47.6	72.6	23.5	3.0	17.7
Security guards and gaming surveillance officers.....	937	21.5	62.9	29.6	3.5	18.8
Crossing guards.....	52	48.6	76.3	17.6	1.3	21.0
Transportation security screeners.....	43	—	—	—	—	—
Lifeguards and other recreational, and all other protective service workers.....	139	49.4	87.7	6.4	0.7	14.7
Food preparation and serving related occupations.....	8,378	54.5	73.7	13.9	6.9	27.0
Chefs and head cooks.....	474	22.0	63.0	14.3	16.4	26.0
First-line supervisors of food preparation and serving workers.....	597	57.4	76.7	14.9	4.8	22.6
Cooks.....	2,031	41.7	70.4	18.1	6.2	36.7
Food preparation workers.....	1,079	59.3	73.5	13.2	8.3	28.1
Bartenders.....	464	53.1	86.1	6.3	2.8	16.5
Combined food preparation and serving workers, including fast food.....	372	62.4	70.2	19.6	5.4	19.9
Counter attendants, cafeteria, food concession, and coffee shop.....	200	59.2	76.0	11.3	5.2	18.6
Waiters and waitresses.....	2,038	71.3	75.5	11.1	7.6	23.4
Food servers, nonrestaurant.....	191	66.1	68.4	19.2	6.6	21.6
Dining room and cafeteria attendants and bartender helpers.....	338	40.5	77.1	12.6	6.2	34.2
Dishwashers.....	264	21.0	73.4	16.1	4.2	28.9
Hosts and hostesses, restaurant, lounge, and coffee shop.....	322	82.1	77.6	8.6	4.0	17.7
Food preparation and serving related workers, all other.....	7	—	—	—	—	—
Building and grounds cleaning and maintenance occupations.....	5,746	42.0	77.3	14.9	2.9	38.2
First-line supervisors of housekeeping and janitorial workers.....	352	41.6	78.5	15.0	3.2	27.5
First-line supervisors of landscaping, lawn service, and groundskeeping workers.....	285	9.3	88.0	7.5	1.1	28.1
Janitors and building cleaners.....	2,265	37.2	74.0	18.2	3.4	31.6
Maids and housekeeping cleaners.....	1,475	89.0	72.2	17.4	4.1	49.2
Pest control workers.....	96	6.7	85.2	8.5	1.6	18.5
Grounds maintenance workers.....	1,273	6.3	86.0	8.2	0.9	43.6
Personal care and service occupations.....	5,968	76.9	69.4	16.1	10.1	18.2
First-line supervisors of gaming workers.....	211	43.2	82.7	9.1	4.1	10.3
First-line supervisors of personal service workers.....	213	68.5	72.4	4.5	19.8	13.0
Animal trainers.....	63	58.6	86.7	4.6	2.0	12.3
Nonfarm animal caretakers.....	296	75.1	88.8	5.0	2.1	12.5
Gaming services workers.....	93	45.1	40.5	19.6	27.3	12.2
Motion picture projectionists.....	1	—	—	—	—	—
Ushers, lobby attendants, and ticket takers.....	38	—	—	—	—	—
Miscellaneous entertainment attendants and related workers.....	210	39.3	79.6	10.8	5.4	15.5
Embalmers and funeral attendants.....	15	—	—	—	—	—
Morticians, undertakers, and funeral directors.....	26	—	—	—	—	—
Barbers.....	137	23.0	61.8	31.1	4.5	29.0
Hairdressers, hairstylists, and cosmetologists.....	803	92.3	77.3	13.9	6.1	17.0
Miscellaneous personal appearance workers.....	409	85.5	30.7	7.7	59.2	11.6
Baggage porters, bellhops, and concierges.....	92	24.3	58.1	26.2	12.4	30.6
Tour and travel guides.....	61	43.6	82.3	1.7	5.5	5.3
Childcare workers.....	1,193	93.4	76.0	17.4	3.3	24.6
Personal care aides.....	1,458	85.6	60.2	25.1	8.4	21.6
Recreation and fitness workers.....	440	63.3	81.6	10.8	3.4	10.2
Residential advisors.....	30	—	—	—	—	—
Personal care and service workers, all other.....	178	61.7	73.8	14.3	7.0	18.1
Sales and office occupations.....	33,370	60.6	78.1	13.0	5.2	17.1
Sales and related occupations.....	15,582	48.8	79.8	11.2	5.4	16.7
First-line supervisors of retail sales workers.....	3,232	45.5	81.0	9.5	5.5	14.7
First-line supervisors of non-retail sales workers.....	1,247	27.1	86.2	6.5	5.7	14.4
Cashiers.....	3,164	71.2	69.2	17.9	7.3	24.1
Counter and rental clerks.....	97	42.6	72.8	18.3	6.6	15.8
Parts salespersons.....	142	12.0	84.9	10.4	1.3	19.8

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2019					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Retail salespersons.....	3,105	48.5	78.9	12.4	4.5	18.7
Advertising sales agents.....	190	49.7	81.9	10.8	3.7	13.7
Insurance sales agents.....	595	50.6	81.2	10.1	5.6	13.4
Securities, commodities, and financial services sales agents.....	231	30.0	85.9	5.4	7.5	11.9
Travel agents.....	82	86.0	81.6	9.5	7.1	6.7
Sales representatives, services, all other.....	557	30.4	85.2	7.7	5.0	12.3
Sales representatives, wholesale and manufacturing.....	1,281	27.2	88.8	5.9	3.9	10.9
Models, demonstrators, and product promoters.....	62	73.3	79.5	11.3	3.1	16.0
Real estate brokers and sales agents.....	1,095	58.9	85.0	7.9	5.2	10.7
Sales engineers.....	35	—	—	—	—	—
Telemarketers.....	49	—	—	—	—	—
Door-to-door sales workers, news and street vendors, and related workers.....	135	59.5	85.4	9.4	1.2	24.9
Sales and related workers, all other.....	284	42.9	83.9	10.6	1.1	13.9
Office and administrative support occupations.....	17,789	70.9	76.6	14.5	5.0	17.5
First-line supervisors of office and administrative support workers.....	1,306	68.5	80.2	13.4	3.7	13.3
Switchboard operators, including answering service.....	21	—	—	—	—	—
Telephone operators.....	42	—	—	—	—	—
Communications equipment operators, all other.....	12	—	—	—	—	—
Bill and account collectors.....	116	80.8	63.6	30.2	1.3	17.8
Billing and posting clerks.....	459	89.5	81.5	10.3	4.7	15.7
Bookkeeping, accounting, and auditing clerks.....	1,015	88.5	85.2	6.9	5.4	13.0
Gaming cage workers.....	13	—	—	—	—	—
Payroll and timekeeping clerks.....	155	85.2	79.8	8.4	6.9	17.9
Procurement clerks.....	29	—	—	—	—	—
Tellers.....	294	84.7	80.0	9.9	4.8	20.0
Financial clerks, all other.....	119	59.7	83.2	10.9	3.8	15.4
Brokerage clerks.....	3	—	—	—	—	—
Correspondence clerks.....	5	—	—	—	—	—
Court, municipal, and license clerks.....	95	75.3	81.6	14.5	1.2	17.3
Credit authorizers, checkers, and clerks.....	41	—	—	—	—	—
Customer service representatives.....	2,552	64.2	73.3	17.7	5.3	19.6
Eligibility interviewers, government programs.....	70	80.1	70.1	22.2	1.1	23.0
File clerks.....	175	83.1	75.3	16.8	4.1	14.2
Hotel, motel, and resort desk clerks.....	116	74.6	60.7	21.6	7.4	22.3
Interviewers, except eligibility and loan.....	131	85.5	72.9	18.1	4.7	18.3
Library assistants, clerical.....	88	81.4	78.2	12.0	8.9	12.6
Loan interviewers and clerks.....	116	76.8	75.2	16.3	4.3	13.3
New accounts clerks.....	22	—	—	—	—	—
Order clerks.....	112	53.3	66.9	18.2	9.9	18.3
Human resources assistants, except payroll and timekeeping.....	60	81.2	74.2	12.7	3.8	18.5
Receptionists and information clerks.....	1,288	89.3	75.8	15.4	4.6	21.8
Reservation and transportation ticket agents and travel clerks.....	119	58.9	51.4	27.9	9.1	13.5
Information and record clerks, all other.....	99	76.9	79.9	13.4	2.3	22.8
Cargo and freight agents.....	20	—	—	—	—	—
Couriers and messengers.....	402	20.7	73.3	17.4	4.4	21.4
Dispatchers.....	261	53.1	80.8	14.2	2.5	15.2
Meter readers, utilities.....	17	—	—	—	—	—
Postal service clerks.....	96	55.1	47.4	35.8	13.0	6.7
Postal service mail carriers.....	331	36.6	72.7	19.6	5.5	14.4
Postal service mail sorters, processors, and processing machine operators.....	76	53.3	35.8	42.3	17.8	5.8
Production, planning, and expediting clerks.....	297	57.7	80.0	14.0	3.3	12.5
Shipping, receiving, and traffic clerks.....	563	34.9	74.7	15.5	4.2	25.1
Stock clerks and order fillers.....	1,512	37.5	70.3	18.2	5.0	23.1
Weighers, measurers, checkers, and samplers, recordkeeping.....	66	47.3	75.8	10.6	8.5	21.1
Secretaries and administrative assistants.....	2,688	93.2	85.2	8.7	3.5	13.4
Computer operators.....	72	47.5	76.3	11.9	9.1	19.4
Data entry keyers.....	250	73.4	75.1	14.7	6.5	20.3
Word processors and typists.....	57	86.0	77.8	12.6	3.3	16.1

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2019					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Desktop publishers.....	0	—	—	—	—	—
Insurance claims and policy processing clerks.....	269	81.7	71.3	21.8	2.4	15.5
Mail clerks and mail machine operators, except postal service.....	68	49.8	67.6	24.0	4.1	14.2
Office clerks, general.....	1,355	82.7	74.0	13.6	8.6	20.9
Office machine operators, except computer.....	32	—	—	—	—	—
Proofreaders and copy markers.....	7	—	—	—	—	—
Statistical assistants.....	58	42.8	67.4	0.0	32.3	4.9
Office and administrative support workers, all other.....	618	74.6	77.7	15.5	3.4	13.6
Natural resources, construction, and maintenance occupations.....	14,343	5.4	86.2	7.7	2.2	31.9
Farming, fishing, and forestry occupations.....	1,156	25.2	89.3	4.4	1.8	47.6
First-line supervisors of farming, fishing, and forestry workers.....	51	9.4	88.8	1.2	1.3	28.4
Agricultural inspectors.....	18	—	—	—	—	—
Animal breeders.....	10	—	—	—	—	—
Graders and sorters, agricultural products.....	88	64.5	71.2	21.3	3.6	49.9
Miscellaneous agricultural workers.....	866	24.2	92.5	2.6	1.2	54.0
Fishers and related fishing workers.....	36	—	—	—	—	—
Hunters and trappers.....	0	—	—	—	—	—
Forest and conservation workers.....	21	—	—	—	—	—
Logging workers.....	66	1.8	83.2	2.7	2.9	16.0
Construction and extraction occupations.....	8,325	3.5	87.1	7.3	1.6	36.4
First-line supervisors of construction trades and extraction workers..	682	3.4	88.0	7.5	1.2	24.8
Boilermakers.....	24	—	—	—	—	—
Brickmasons, blockmasons, and stonemasons.....	152	0.7	91.6	5.2	1.2	37.7
Carpenters.....	1,292	2.8	89.1	5.1	1.5	37.3
Carpet, floor, and tile installers and finishers.....	170	1.9	90.8	5.1	0.5	59.7
Cement masons, concrete finishers, and terrazzo workers.....	65	3.0	89.5	4.4	1.1	53.5
Construction laborers.....	2,051	3.5	85.3	8.6	1.6	46.7
Paving, surfacing, and tamping equipment operators.....	22	—	—	—	—	—
Pile-driver operators.....	1	—	—	—	—	—
Operating engineers and other construction equipment operators....	375	1.7	85.1	8.9	0.9	14.9
Drywall installers, ceiling tile installers, and tapers.....	178	0.7	91.1	2.5	1.7	67.7
Electricians.....	914	2.2	87.4	6.8	2.6	21.1
Glaziers.....	38	—	—	—	—	—
Insulation workers.....	59	3.7	91.8	5.9	1.4	43.3
Painters, construction and maintenance.....	599	8.9	87.4	8.1	0.6	55.5
Paperhangers.....	7	—	—	—	—	—
Pipelayers, plumbers, pipefitters, and steamfitters.....	637	2.7	87.1	8.4	0.9	27.1
Plasterers and stucco masons.....	23	—	—	—	—	—
Reinforcing iron and rebar workers.....	6	—	—	—	—	—
Roofers.....	222	1.9	87.7	5.2	0.7	50.7
Sheet metal workers.....	140	6.8	89.1	6.7	2.3	28.9
Structural iron and steel workers.....	66	0.9	75.7	11.7	7.8	18.7
Solar photovoltaic installers.....	18	—	—	—	—	—
Helpers, construction trades.....	50	5.7	86.6	3.4	4.5	35.2
Construction and building inspectors.....	105	10.4	82.0	8.3	6.8	12.8
Elevator installers and repairers.....	20	—	—	—	—	—
Fence erectors.....	41	—	—	—	—	—
Hazardous materials removal workers.....	40	—	—	—	—	—
Highway maintenance workers.....	113	3.6	83.6	12.7	0.4	13.3
Rail-track laying and maintenance equipment operators.....	4	—	—	—	—	—
Septic tank servicers and sewer pipe cleaners.....	8	—	—	—	—	—
Miscellaneous construction and related workers.....	32	—	—	—	—	—
Derrick, rotary drill, and service unit operators, oil, gas, and mining..	29	—	—	—	—	—
Earth drillers, except oil and gas.....	22	—	—	—	—	—
Explosives workers, ordnance handling experts, and blasters.....	8	—	—	—	—	—
Mining machine operators.....	56	2.0	85.2	9.3	0.0	13.1
Roof bolters, mining.....	1	—	—	—	—	—
Roustabouts, oil and gas.....	8	—	—	—	—	—
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	2019					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Other extraction workers.....	46	—	—	—	—	—
Installation, maintenance, and repair occupations.....	4,862	3.9	84.0	9.1	3.3	20.3
First-line supervisors of mechanics, installers, and repairers.....	272	8.2	85.7	9.9	1.5	16.1
Computer, automated teller, and office machine repairers.....	184	14.0	74.7	11.7	9.3	15.9
Radio and telecommunications equipment installers and repairers... ..	131	7.6	73.1	15.8	4.9	15.0
Avionics technicians.....	13	—	—	—	—	—
Electric motor, power tool, and related repairers.....	16	—	—	—	—	—
Electrical and electronics installers and repairers, transportation equipment.....	7	—	—	—	—	—
Electrical and electronics repairers, industrial and utility.....	17	—	—	—	—	—
Electronic equipment installers and repairers, motor vehicles.....	9	—	—	—	—	—
Electronic home entertainment equipment installers and repairers... ..	32	—	—	—	—	—
Security and fire alarm systems installers.....	58	2.9	76.9	14.3	4.6	23.5
Aircraft mechanics and service technicians.....	152	4.8	82.4	10.5	4.8	12.4
Automotive body and related repairers.....	125	2.2	92.4	3.4	1.8	29.6
Automotive glass installers and repairers.....	21	—	—	—	—	—
Automotive service technicians and mechanics.....	880	1.9	83.8	8.7	3.2	27.7
Bus and truck mechanics and diesel engine specialists.....	347	1.5	87.3	6.5	3.7	14.1
Heavy vehicle and mobile equipment service technicians and mechanics.....	211	1.5	88.3	6.0	2.6	15.8
Small engine mechanics.....	45	—	—	—	—	—
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers.....	73	1.3	77.0	12.2	3.6	31.0
Control and valve installers and repairers.....	22	—	—	—	—	—
Heating, air conditioning, and refrigeration mechanics and installers.....	466	1.5	84.0	9.1	3.0	20.2
Home appliance repairers.....	51	5.7	86.3	11.7	1.8	18.8
Industrial and refractory machinery mechanics.....	408	4.1	85.6	8.7	2.5	18.1
Maintenance and repair workers, general.....	579	3.8	83.9	9.4	3.2	20.1
Maintenance workers, machinery.....	21	—	—	—	—	—
Millwrights.....	52	5.0	88.9	7.9	1.8	10.3
Electrical power-line installers and repairers.....	133	1.6	89.8	3.0	0.6	15.4
Telecommunications line installers and repairers.....	184	4.5	82.2	12.5	2.3	24.7
Precision instrument and equipment repairers.....	69	11.6	73.7	11.9	12.6	11.4
Wind turbine service technicians.....	2	—	—	—	—	—
Coin, vending, and amusement machine servicers and repairers... ..	28	—	—	—	—	—
Commercial divers.....	2	—	—	—	—	—
Locksmiths and safe repairers.....	32	—	—	—	—	—
Manufactured building and mobile home installers.....	5	—	—	—	—	—
Riggers.....	12	—	—	—	—	—
Signal and track switch repairers.....	7	—	—	—	—	—
Helpers--installation, maintenance, and repair workers.....	19	—	—	—	—	—
Other installation, maintenance, and repair workers.....	179	8.0	88.4	8.1	0.9	27.1
Production, transportation, and material moving occupations.....	18,628	23.0	74.2	16.9	5.0	23.0
Production occupations.....	8,565	28.6	76.6	13.3	6.0	23.1
First-line supervisors of production and operating workers.....	844	21.3	80.3	12.2	3.8	17.2
Aircraft structure, surfaces, rigging, and systems assemblers.....	8	—	—	—	—	—
Electrical, electronics, and electromechanical assemblers.....	101	50.4	64.5	8.0	20.2	20.1
Engine and other machine assemblers.....	9	—	—	—	—	—
Structural metal fabricators and fitters.....	25	—	—	—	—	—
Miscellaneous assemblers and fabricators.....	1,001	36.4	67.0	19.7	9.6	21.7
Bakers.....	228	60.4	74.0	11.7	9.6	30.7
Butchers and other meat, poultry, and fish processing workers... ..	297	26.9	71.2	17.1	6.2	37.3
Food and tobacco roasting, baking, and drying machine operators and tenders.....	17	—	—	—	—	—
Food batchmakers.....	82	62.7	87.9	7.3	1.6	36.2
Food cooking machine operators and tenders.....	3	—	—	—	—	—
Food processing workers, all other.....	147	33.8	72.1	18.1	7.0	38.8
Computer control programmers and operators.....	108	3.7	87.0	6.6	5.0	11.4

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2019					
	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.....	13	—	—	—	—	—
Forging machine setters, operators, and tenders, metal and plastic..	7	—	—	—	—	—
Rolling machine setters, operators, and tenders, metal and plastic...	13	—	—	—	—	—
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic.....	70	15.8	75.2	17.3	0.3	13.9
Drilling and boring machine tool setters, operators, and tenders, metal and plastic.....	6	—	—	—	—	—
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic.....	44	—	—	—	—	—
Lathe and turning machine tool setters, operators, and tenders, metal and plastic.....	6	—	—	—	—	—
Milling and planing machine setters, operators, and tenders, metal and plastic.....	5	—	—	—	—	—
Machinists.....	375	5.6	84.8	7.0	4.9	11.5
Metal furnace operators, tenders, pourers, and casters.....	23	—	—	—	—	—
Model makers and patternmakers, metal and plastic.....	5	—	—	—	—	—
Molders and molding machine setters, operators, and tenders, metal and plastic.....	45	—	—	—	—	—
Multiple machine tool setters, operators, and tenders, metal and plastic.....	2	—	—	—	—	—
Tool and die makers.....	55	4.8	95.1	3.7	0.3	3.4
Welding, soldering, and brazing workers.....	592	5.3	85.3	8.8	2.3	22.8
Heat treating equipment setters, operators, and tenders, metal and plastic.....	4	—	—	—	—	—
Layout workers, metal and plastic.....	10	—	—	—	—	—
Plating and coating machine setters, operators, and tenders, metal and plastic.....	13	—	—	—	—	—
Tool grinders, filers, and sharpeners.....	1	—	—	—	—	—
Metal workers and plastic workers, all other.....	392	19.5	72.0	14.5	8.2	26.0
Prepress technicians and workers.....	27	—	—	—	—	—
Printing press operators.....	133	22.1	84.3	7.2	4.0	23.1
Print binding and finishing workers.....	14	—	—	—	—	—
Laundry and dry-cleaning workers.....	134	75.4	55.9	25.1	12.2	37.9
Pressers, textile, garment, and related materials.....	28	—	—	—	—	—
Sewing machine operators.....	179	72.4	69.3	11.0	15.3	35.4
Shoe and leather workers and repairers.....	7	—	—	—	—	—
Shoe machine operators and tenders.....	5	—	—	—	—	—
Tailors, dressmakers, and sewers.....	86	75.4	66.3	9.5	23.7	20.9
Textile bleaching and dyeing machine operators and tenders.....	2	—	—	—	—	—
Textile cutting machine setters, operators, and tenders.....	4	—	—	—	—	—
Textile knitting and weaving machine setters, operators, and tenders.....	9	—	—	—	—	—
Textile winding, twisting, and drawing out machine setters, operators, and tenders.....	10	—	—	—	—	—
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers.....	1	—	—	—	—	—
Fabric and apparel patternmakers.....	0	—	—	—	—	—
Upholsterers.....	30	—	—	—	—	—
Textile, apparel, and furnishings workers, all other.....	13	—	—	—	—	—
Cabinetmakers and bench carpenters.....	65	8.0	88.2	7.7	1.1	21.3
Furniture finishers.....	18	—	—	—	—	—
Model makers and patternmakers, wood.....	0	—	—	—	—	—
Sawing machine setters, operators, and tenders, wood.....	33	—	—	—	—	—
Woodworking machine setters, operators, and tenders, except sawing.....	12	—	—	—	—	—
Woodworkers, all other.....	23	—	—	—	—	—
Power plant operators, distributors, and dispatchers.....	43	—	—	—	—	—
Stationary engineers and boiler operators.....	52	3.0	84.3	5.2	5.5	9.8
Water and wastewater treatment plant and system operators.....	110	8.0	84.6	8.4	3.5	9.7
Miscellaneous plant and system operators.....	51	4.9	83.2	11.6	3.9	14.7
Chemical processing machine setters, operators, and tenders.....	73	11.1	86.8	11.0	1.0	8.1

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2019					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Crushing, grinding, polishing, mixing, and blending workers.....	90	7.5	80.8	11.4	1.9	26.1
Cutting workers.....	60	12.7	78.3	18.8	2.5	25.2
Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	27	—	—	—	—	—
Furnace, kiln, oven, drier, and kettle operators and tenders.....	17	—	—	—	—	—
Inspectors, testers, sorters, samplers, and weighers.....	802	35.6	77.6	11.5	5.4	17.5
Jewelers and precious stone and metal workers.....	40	—	—	—	—	—
Medical, dental, and ophthalmic laboratory technicians.....	91	60.0	81.8	4.6	10.5	17.7
Packaging and filling machine operators and tenders.....	262	54.6	68.8	20.4	6.3	37.3
Painting workers.....	171	10.6	81.5	13.0	1.8	41.8
Photographic process workers and processing machine operators... ..	13	—	—	—	—	—
Semiconductor processors.....	0	—	—	—	—	—
Adhesive bonding machine operators and tenders.....	10	—	—	—	—	—
Cleaning, washing, and metal pickling equipment operators and tenders.....	2	—	—	—	—	—
Cooling and freezing equipment operators and tenders.....	2	—	—	—	—	—
Etchers and engravers.....	8	—	—	—	—	—
Molders, shapers, and casters, except metal and plastic.....	31	—	—	—	—	—
Paper goods machine setters, operators, and tenders.....	24	—	—	—	—	—
Tire builders.....	8	—	—	—	—	—
Helpers—production workers.....	54	32.6	74.9	17.2	4.0	30.3
Production workers, all other.....	1,141	28.6	73.8	16.1	5.7	24.6
Transportation and material moving occupations.....	10,063	18.2	72.2	20.0	4.1	22.9
Supervisors of transportation and material moving workers.....	206	21.5	72.2	19.4	6.7	20.3
Aircraft pilots and flight engineers.....	141	7.5	93.7	2.6	3.4	2.2
Air traffic controllers and airfield operations specialists.....	43	—	—	—	—	—
Flight attendants.....	110	81.3	73.7	17.5	5.4	15.3
Ambulance drivers and attendants, except emergency medical technicians.....	15	—	—	—	—	—
Bus drivers.....	546	45.3	67.2	27.0	3.1	15.0
Driver/sales workers and truck drivers.....	3,608	6.7	75.2	18.1	2.9	20.5
Taxi drivers and chauffeurs.....	790	16.8	55.5	29.5	13.1	23.6
Motor vehicle operators, all other.....	66	17.2	83.6	10.6	5.5	18.6
Locomotive engineers and operators.....	42	—	—	—	—	—
Railroad brake, signal, and switch operators.....	2	—	—	—	—	—
Railroad conductors and yardmasters.....	52	2.4	66.7	24.0	3.1	5.4
Subway, streetcar, and other rail transportation workers.....	9	—	—	—	—	—
Sailors and marine oilers.....	19	—	—	—	—	—
Ship and boat captains and operators.....	45	—	—	—	—	—
Ship engineers.....	5	—	—	—	—	—
Bridge and lock tenders.....	0	—	—	—	—	—
Parking lot attendants.....	83	14.8	72.6	19.3	5.7	31.0
Automotive and watercraft service attendants.....	88	18.4	68.9	12.1	13.7	14.5
Transportation inspectors.....	42	—	—	—	—	—
Transportation attendants, except flight attendants.....	43	—	—	—	—	—
Other transportation workers.....	38	—	—	—	—	—
Conveyor operators and tenders.....	2	—	—	—	—	—
Crane and tower operators.....	63	5.2	90.1	6.3	0.0	10.6
Dredge, excavating, and loading machine operators.....	28	—	—	—	—	—
Hoist and winch operators.....	9	—	—	—	—	—
Industrial truck and tractor operators.....	571	8.7	69.0	25.8	1.7	31.4
Cleaners of vehicles and equipment.....	344	16.0	76.1	19.4	1.4	34.8
Laborers and freight, stock, and material movers, hand.....	2,235	21.5	72.4	19.8	2.7	23.1
Machine feeders and offbearers.....	24	—	—	—	—	—
Packers and packagers, hand.....	628	54.8	69.2	19.0	7.7	41.5
Pumping station operators.....	16	—	—	—	—	—
Refuse and recyclable material collectors.....	99	7.6	74.0	18.2	3.6	29.7

**HOUSEHOLD DATA
ANNUAL AVERAGES**

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

[Numbers in thousands]

Occupation	2019					
	Total employed	Percent of total employed				
		Women	White	Black or African American	Asian	Hispanic or Latino
Mine shuttle car operators.....	2	—	—	—	—	—
Tank car, truck, and ship loaders.....	6	—	—	—	—	—
Material moving workers, all other.....	41	—	—	—	—	—

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).