

Table 11. **Employed persons by detailed occupation and sex, 2002 annual averages**

(Numbers in thousands)

Occupation	Total employed	Percent women
Total, 16 years and over.....	136,485	46.6
Managerial and professional specialty.....	42,482	50.5
Executive, administrative, and managerial.....	20,561	45.9
Officials and administrators, public administration.....	720	52.6
Administrators, protective services.....	54	25.3
Financial managers.....	803	50.5
Personnel and labor relations managers.....	219	66.0
Purchasing managers.....	140	43.3
Managers, marketing, advertising, and public relations.....	735	38.4
Administrators, education and related fields.....	849	64.6
Managers, medicine and health.....	828	78.4
Postmasters and mail superintendents.....	51	50.0
Managers, food serving and lodging establishments.....	1,494	46.5
Managers, properties and real estate.....	618	50.0
Funeral directors.....	58	23.9
Management-related occupations.....	5,182	58.2
Accountants and auditors.....	1,702	59.4
Underwriters.....	101	67.4
Other financial officers.....	880	50.0
Management analysts.....	545	42.2
Personnel, training, and labor relations specialists.....	624	74.9
Buyers, wholesale and retail trade, except farm products.....	229	55.3
Construction inspectors.....	72	5.0
Inspectors and compliance officers, except construction.....	247	36.4
Professional specialty.....	21,921	54.7
Engineers, architects, and surveyors.....	2,249	11.6
Architects.....	197	20.1
Engineers.....	2,028	10.8
Aerospace engineers.....	90	8.1
Chemical engineers.....	77	16.5
Civil engineers.....	267	10.8
Electrical and electronic engineers.....	677	10.3
Industrial engineers.....	235	17.2
Mechanical engineers.....	301	6.9
Mathematical and computer scientists.....	2,030	30.8
Computer systems analysts and scientists.....	1,742	27.8
Operations and systems researchers and analysts.....	238	48.9
Natural scientists.....	545	35.1
Chemists, except biochemists.....	130	29.8
Agricultural and food scientists.....	51	34.6
Biological and life scientists.....	119	44.0
Medical scientists.....	89	60.4
Health diagnosing occupations.....	1,176	29.2
Physicians.....	825	30.6
Dentists.....	180	19.4

See note at end of table.

Table 11. Employed persons by detailed occupation and sex, 2002 annual averages—Continued

(Numbers in thousands)

Occupation	Total employed	Percent women
Health assessment and treating occupations.....	3,267	86.4
Registered nurses.....	2,311	92.9
Pharmacists.....	231	51.7
Dietitians.....	74	90.2
Therapists.....	562	77.5
Respiratory therapists.....	97	58.4
Occupational therapists.....	78	89.1
Physical therapists.....	167	70.2
Speech therapists.....	117	94.3
Physicians' assistants.....	89	59.5
Teachers, college and university.....	1,015	42.7
Teachers, except college and university.....	5,652	75.0
Teachers, prekindergarten and kindergarten.....	647	97.7
Teachers, elementary school.....	2,341	83.0
Teachers, secondary school.....	1,289	58.1
Teachers, special education.....	374	85.4
Counselors, educational and vocational.....	282	74.3
Librarians, archivists, and curators.....	231	78.8
Librarians.....	207	81.7
Social scientists and urban planners.....	457	59.6
Economists.....	123	55.0
Psychologists.....	277	65.9
Social, recreation, and religious workers.....	1,556	57.3
Social workers.....	848	74.0
Recreation workers.....	129	74.2
Clergy.....	393	14.1
Lawyers and judges.....	963	29.3
Lawyers.....	929	29.2
Writers, artists, entertainers, and athletes.....	2,498	49.8
Authors.....	139	54.7
Technical writers.....	68	61.5
Designers.....	770	56.4
Musicians and composers.....	161	36.4
Actors and directors.....	155	38.2
Painters, sculptors, craft artists, and artist printmakers.....	225	47.9
Photographers.....	178	33.2
Editors and reporters.....	280	48.5
Public relations specialists.....	211	68.2
Announcers.....	52	16.4
Athletes.....	95	25.8
Technical, sales, and administrative support.....	38,947	63.4
Technicians and related support.....	4,509	54.1
Health technologists and technicians.....	1,879	81.5
Clinical laboratory technologists and technicians.....	384	76.5
Dental hygienists.....	133	98.1
Radiologic technicians.....	182	74.4
Licensed practical nurses.....	382	94.9
Engineering and related technologists and technicians.....	980	20.8

See note at end of table.

Table 11. Employed persons by detailed occupation and sex, 2002 annual averages—Continued

(Numbers in thousands)

Occupation	Total employed	Percent women
Electrical and electronic technicians.....	433	19.1
Drafting occupations.....	247	21.6
Surveying and mapping technicians.....	65	9.1
Science technicians.....	291	47.2
Biological technicians.....	131	59.5
Chemical technicians.....	64	33.6
Technicians, except health, engineering, and science.....	1,359	41.8
Airplane pilots and navigators.....	129	4.2
Computer programmers.....	605	25.6
Legal assistants.....	401	82.2
Sales occupations.....	16,254	49.0
Supervisors and proprietors.....	4,828	39.6
Sales representatives, finance and business services.....	2,944	44.8
Insurance sales.....	612	45.0
Real estate sales.....	839	55.1
Securities and financial services sales.....	568	28.6
Advertising and related sales.....	181	61.8
Sales occupations, other business services.....	744	41.3
Sales representatives, commodities, except retail.....	1,563	25.2
Sales representatives, mining, manufacturing, and wholesale.....	1,526	25.6
Sales workers, retail and personal services.....	6,811	62.7
Sales workers, motor vehicles and boats.....	358	11.3
Sales workers, apparel.....	390	77.7
Sales workers, shoes.....	97	52.8
Sales workers, furniture and home furnishings.....	181	50.7
Sales workers, radio, television, hi-fi, and appliances.....	309	27.2
Sales workers, hardware and building supplies.....	296	23.3
Sales workers, parts.....	153	8.6
Sales workers, other commodities.....	1,467	66.2
Sales counter clerks.....	183	59.8
Cashiers.....	2,942	76.7
Street and door-to-door sales workers.....	334	72.9
News vendors.....	103	36.7
Sales-related occupations.....	107	71.0
Demonstrators, promoters, and models.....	77	73.1
Administrative support occupations, including clerical.....	18,184	78.5
Supervisors, administrative support.....	717	60.5
Supervisors, general office.....	402	69.4
Supervisors, financial records processing.....	107	81.6
Supervisors, distribution, scheduling, and adjusting clerks.....	185	31.6
Computer equipment operators.....	308	47.1
Computer operators.....	301	46.9
Secretaries, stenographers, and typists.....	3,020	97.6
Secretaries.....	2,302	98.6
Stenographers.....	146	95.2
Typists.....	571	93.9
Information clerks.....	2,053	89.0
Interviewers.....	169	82.2
Hotel clerks.....	131	70.1
Transportation ticket and reservation agents.....	237	72.7

See note at end of table.

Table 11. Employed persons by detailed occupation and sex, 2002 annual averages—Continued

(Numbers in thousands)

Occupation	Total employed	Percent women
Receptionists.....	1,068	97.1
Records processing, except financial.....	995	80.5
Order clerks.....	289	74.9
Personnel clerks, except payroll and timekeeping.....	70	79.1
Library clerks.....	130	79.2
File clerks.....	288	81.5
Records clerks.....	206	87.4
Financial records processing.....	2,205	91.8
Bookkeepers, accounting, and auditing clerks.....	1,592	92.7
Payroll and timekeeping clerks.....	175	91.2
Billing clerks.....	229	89.7
Cost and rate clerks.....	51	81.2
Billing, posting, and calculating machine operators.....	159	89.8
Duplicating, mail, and other office machine operators.....	58	55.1
Communications equipment operators.....	138	83.6
Telephone operators.....	119	85.4
Mail and message distributing.....	907	39.7
Postal clerks, except mail carriers.....	274	49.5
Mail carriers, postal service.....	338	29.9
Mail clerks, except Postal Service.....	165	52.5
Messengers.....	130	28.1
Material recording, scheduling, and distributing clerks.....	1,995	45.9
Dispatchers.....	258	55.0
Production coordinators.....	230	57.4
Traffic, shipping, and receiving clerks.....	623	30.9
Stock and inventory clerks.....	463	43.9
Weighers, measurers, checkers, and samplers.....	53	51.6
Expeditors.....	310	65.7
Adjusters and investigators.....	1,929	73.8
Insurance adjusters, examiners, and investigators.....	497	71.9
Investigators and adjusters, except insurance.....	1,135	74.5
Eligibility clerks, social welfare.....	86	87.3
Bill and account collectors.....	212	68.5
Miscellaneous administrative support occupations.....	3,858	84.2
General office clerks.....	842	83.3
Bank tellers.....	477	87.3
Data-entry keyers.....	595	81.8
Statistical clerks.....	97	85.1
Teachers' aides.....	813	91.6
Service occupations.....	19,219	59.9
Private household.....	746	94.7
Childcare workers.....	229	97.6
Cleaners and servants.....	500	93.7
Protective service.....	2,596	19.9
Supervisors.....	237	13.3
Police and detectives.....	126	15.7
Guards.....	66	17.7
Firefighting and fire prevention.....	262	4.1
Firefighting.....	248	3.4
Police and detectives.....	1,076	18.3
Police and detectives, public service.....	586	15.5

See note at end of table.

Table 11. Employed persons by detailed occupation and sex, 2002 annual averages —Continued

(Numbers in thousands)

Occupation	Total employed	Percent women
Sheriffs, bailiffs, and other law enforcement officers.....	162	19.3
Correctional institution officers.....	328	23.0
Guards.....	1,022	27.0
Guards and police, except public services.....	885	21.9
Service occupations, except private household and protective services.....	15,877	64.9
Food preparation and service occupations.....	6,614	55.8
Supervisors, food preparation and service.....	488	67.0
Bartenders.....	341	55.1
Waiters and waitresses.....	1,430	74.9
Cooks.....	2,264	40.3
Food counter, fountain, and related occupations.....	398	66.0
Kitchen workers, food preparation.....	338	68.5
Waiters' and waitresses' assistants.....	696	52.5
Miscellaneous food preparation occupations.....	659	50.4
Health service occupations.....	2,817	89.2
Dental assistants.....	224	98.0
Health aides, except nursing.....	350	78.6
Nursing aides, orderlies, and attendants.....	2,243	89.9
Cleaning and building service occupations.....	3,162	45.7
Supervisors.....	183	31.7
Maids and housemen.....	709	82.3
Janitors and cleaners.....	2,199	36.4
Pest control.....	63	1.4
Personal service occupations.....	3,284	80.7
Supervisors.....	143	69.5
Barbers.....	91	23.4
Hairdressers and cosmetologists.....	908	89.7
Attendants, amusement and recreation facilities.....	267	40.3
Public transportation attendants.....	129	80.0
Welfare service aides.....	113	82.8
Family childcare providers.....	457	99.4
Early childhood teachers' assistants.....	536	93.8
Precision production, craft, and repair.....	14,660	8.2
Mechanics and repairers.....	4,760	4.5
Supervisors.....	237	7.4
Mechanics and repairers, except supervisors.....	4,523	4.4
Vehicle and mobile equipment mechanics and repairers.....	1,831	1.3
Automobile mechanics.....	867	1.4
Bus, truck, and stationary engine mechanics.....	343	.7
Aircraft engine mechanics.....	126	2.2
Small engine repairers.....	53	.7
Automobile body and related repairers.....	212	2.2
Heavy equipment mechanics.....	180	.4
Industrial machinery repairers.....	460	3.2
Electrical and electronic equipment repairers.....	870	12.0
Electronic repairers, communications and industrial equipment.....	193	5.8
Data processing equipment repairers.....	283	16.7
Telephone installers and repairers.....	240	15.9
Heating, air-conditioning, and refrigeration mechanics.....	357	.6

See note at end of table.

Table 11. Employed persons by detailed occupation and sex, 2002 annual averages—Continued

(Numbers in thousands)

Occupation	Total employed	Percent women
Construction trades.....	6,304	2.4
Supervisors.....	963	2.4
Construction trades, except supervisors.....	5,341	2.4
Brickmasons and stonemasons.....	236	.4
Tile setters, hard and soft.....	104	1.2
Carpet installers.....	140	3.8
Carpenters.....	1,563	1.8
Drywall installers.....	187	2.1
Electricians.....	862	2.5
Electrical power installers and repairers.....	126	3.2
Painters, construction and maintenance.....	654	4.9
Plumbers, pipefitters, and steamfitters.....	548	1.5
Concrete and terrazzo finishers.....	104	1.2
Insulation workers.....	60	10.8
Roofers.....	235	2.4
Structural metalworkers.....	67	1.4
Extractive occupations.....	115	1.9
Precision production occupations.....	3,481	23.8
Supervisors.....	1,056	19.9
Precision metalworking occupations.....	826	6.8
Tool and die makers.....	99	2.3
Machinists.....	470	5.4
Sheet-metal workers.....	125	3.0
Precision woodworking occupations.....	104	11.4
Cabinet makers and bench carpenters.....	74	6.4
Precision textile, apparel, and furnishings machine workers.....	189	53.0
Dressmakers.....	81	86.7
Upholsterers.....	58	20.5
Precision workers, assorted materials.....	449	54.0
Optical goods workers.....	72	68.0
Dental laboratory and medical appliance technicians.....	66	44.5
Electrical and electronic equipment assemblers.....	237	63.1
Precision food production occupations.....	431	36.6
Butchers and meat cutters.....	229	20.8
Bakers.....	148	50.3
Food batchmakers.....	54	65.9
Precision inspectors, testers, and related workers.....	156	23.9
Inspectors, testers, and graders.....	149	23.8
Plant and system operators.....	271	5.0
Water and sewage treatment plant operators.....	77	4.1
Stationary engineers.....	114	2.9
Operators, fabricators, and laborers.....	17,697	22.7
Machine operators, assemblers, and inspectors.....	6,488	35.3
Machine operators and tenders, except precision.....	4,065	34.6
Metalworking and plastic working machine operators.....	286	17.2
Punching and stamping press machine operators.....	69	26.7
Grinding, abrading, buffing, and polishing machine operators.....	91	20.5
Metal and plastic processing machine operators.....	136	19.5
Molding and casting machine operators.....	86	23.8
Woodworking machine operators.....	114	12.9
Sawing machine operators.....	71	10.2

See note at end of table.

Table 11. Employed persons by detailed occupation and sex, 2002 annual averages —Continued

(Numbers in thousands)

Occupation	Total employed	Percent women
Printing machine operators.....	353	25.2
Printing press operators.....	274	18.1
Textile, apparel, and furnishings machine operators.....	757	67.6
Textile sewing machine operators.....	352	77.2
Pressing machine operators.....	81	69.5
Laundering and drycleaning machine operators.....	204	59.3
Machine operators, assorted materials.....	2,401	29.5
Packaging and filling machine operators.....	268	55.9
Mixing and blending machine operators.....	113	11.2
Separating, filtering, and clarifying machine operators.....	66	9.9
Painting and paint spraying machine operators.....	154	13.9
Furnace, kiln, and oven operators, except food.....	50	7.4
Slicing and cutting machine operators.....	138	23.5
Photographic process machine operators.....	89	60.5
Fabricators, assemblers, and hand working occupations.....	1,769	31.7
Welders and cutters.....	511	5.1
Assemblers.....	1,108	42.2
Production inspectors, testers, samplers, and weighers.....	654	49.4
Production inspectors, checkers, and examiners.....	472	50.6
Production testers.....	54	20.3
Graders and sorters, except agricultural.....	124	57.8
Transportation and material moving occupations.....	5,814	10.4
Motor vehicle operators.....	4,482	12.1
Supervisors.....	97	25.5
Truckdrivers.....	3,234	4.9
Drivers—sales workers.....	153	10.5
Busdrivers.....	605	48.4
Taxicab drivers and chauffeurs.....	332	12.4
Parking lot attendants.....	53	14.3
Transportation occupations, except motor vehicles.....	169	4.5
Rail transportation.....	111	4.1
Locomotive operating occupations.....	54	3.5
Water transportation.....	58	5.2
Material moving equipment operators.....	1,163	4.6
Operating engineers.....	265	1.1
Crane and tower operators.....	72	.4
Excavating and loading machine operators.....	106	1.0
Grader, dozer, and scraper operators.....	52	5.2
Industrial truck and tractor equipment operators.....	563	7.1
Handlers, equipment cleaners, helpers, and laborers.....	5,395	20.9
Helpers, construction and extractive occupations.....	123	6.5
Helpers, construction trades.....	114	6.5
Construction laborers.....	1,089	3.9
Production helpers.....	54	23.9
Freight, stock, and material handlers.....	1,949	25.4
Stock handlers and baggers.....	1,105	33.8
Machine feeders and offbearers.....	62	51.0
Garage and service station related occupations.....	171	8.8

See note at end of table.

Table 11. **Employed persons by detailed occupation and sex, 2002 annual averages—Continued**

(Numbers in thousands)

Occupation	Total employed	Percent women
Vehicle washers and equipment cleaners.....	306	10.6
Hand packers and packagers.....	397	60.1
Laborers, except construction.....	1,267	21.8
Farming, forestry, and fishing.....	3,480	20.6
Farm operators and managers.....	1,168	24.5
Farmers, except horticultural.....	898	25.5
Horticultural specialty farmers.....	76	13.5
Farm managers, except horticultural.....	169	22.4
Other agricultural and related occupations.....	2,181	19.2
Farm occupations, except managerial.....	779	21.4
Farm workers.....	716	21.0
Related agricultural occupations.....	1,403	18.1
Supervisors, related agricultural occupations.....	188	7.7
Groundskeepers and gardeners, except farm.....	973	7.8
Animal caretakers, except farm.....	170	68.1
Graders and sorters, agricultural products.....	68	67.7
Forestry and logging occupations.....	85	7.3
Timber cutting and logging occupations.....	54	1.6

NOTE: Generally, data for occupations with fewer than 50,000 employed are not published separately but are included in the totals for the appropriate broad occupation group shown.

SOURCE: Current Population Survey, U.S. Department of Labor, Bureau of Labor Statistics