

Table 598. Employed Civilians by Occupation, Sex, Race, and Hispanic Origin: 2006

[144,427 represents 144,427,000. Civilian noninstitutional population 16 years old and over. Annual average of monthly figures. Based on Current Population Survey; see text, Section 1, and Appendix III. Occupational classifications are those used in the 2000 census and are not comparable to those used in the 1990 census]

Occupation	Total employed (1,000)	Percent of total			
		Female	Black ¹	Asian ¹	Hispanic ²
Total, 16 years and over	144,427	46.3	10.9	4.5	13.6
Management, professional, and related occupations	50,420	50.6	8.4	6.1	6.6
Management, business, and financial operations occupations	21,233	41.9	7.3	4.8	7.0
Management occupations ³	15,249	36.7	6.2	4.3	7.1
Chief executives	1,689	23.4	3.1	3.9	4.6
General and operations managers	998	29.1	5.7	3.4	7.7
Advertising and promotions managers	75	52.5	5.4	1.7	5.1
Marketing and sales managers	888	40.2	4.8	3.8	5.3
Administrative services managers	87	24.4	7.3	5.2	8.3
Computer and information systems managers	401	27.2	6.4	9.1	4.7
Financial managers	1,083	55.0	7.0	5.5	7.7
Human resources managers	280	65.8	11.0	1.2	9.9
Industrial production managers	298	16.4	3.0	3.2	8.0
Purchasing managers	165	40.7	8.7	1.7	3.3
Transportation, storage, and distribution managers	249	14.6	9.8	2.9	14.9
Farm, ranch, and other agricultural managers	242	21.8	2.4	0.8	8.5
Farmers and ranchers	784	25.0	0.8	1.0	2.0
Construction managers	1,010	7.8	3.7	2.3	8.3
Education administrators	796	63.9	14.2	2.2	7.2
Engineering managers	103	7.3	2.9	10.9	3.4
Food service managers	900	43.2	5.8	12.0	13.6
Lodging managers	174	51.0	6.5	13.3	8.5
Medical and health services managers	511	68.3	10.3	4.8	5.3
Property, real estate, and community association managers	618	51.3	7.2	3.2	11.4
Social and community service managers	315	66.0	15.0	2.7	7.2
Business and financial operations occupations ³	5,983	55.0	10.0	6.2	6.6
Wholesale and retail buyers, except farm products	222	55.8	3.2	3.5	8.9
Purchasing agents, except wholesale, retail, and farm products	290	51.1	7.9	3.2	7.0
Claims adjusters, appraisers, examiners, and investigators	283	58.2	14.1	3.4	6.7
Compliance officers, except agriculture, construction, health and safety, and transportation	149	54.0	17.4	5.8	8.3
Cost estimators	114	12.7	1.0	4.1	2.6
Human resources, training, and labor relations specialists	765	71.5	14.5	4.5	7.7
Management analysts	572	42.2	5.9	7.5	4.4
Accountants and auditors	1,779	60.2	10.2	9.4	6.0
Appraisers and assessors of real estate	134	35.7	1.5	2.2	4.6
Financial analysts	103	38.4	4.0	12.3	3.9
Personal financial advisors	389	34.4	7.0	5.4	6.1
Insurance underwriters	92	69.2	16.2	2.5	5.2
Loan counselors and officers	468	52.7	11.1	5.6	10.8
Tax preparers	98	59.6	10.6	4.3	9.0
Professional and related occupations	29,187	56.9	9.3	7.1	6.4
Computer and mathematical occupations ³	3,209	26.7	7.3	16.2	5.0
Computer scientists and systems analysts	715	31.9	9.5	12.7	5.0
Computer programmers	562	25.3	3.9	18.1	5.3
Computer software engineers	846	21.8	5.8	26.9	3.4
Computer support specialists	314	28.9	10.5	7.4	7.2
Database administrators	90	37.0	8.9	14.8	3.0
Network and computer systems administrators	180	16.6	4.4	11.0	7.0
Network systems and data communications analysts	356	25.5	7.9	8.1	6.0
Operations research analysts	85	40.3	18.1	6.6	4.0
Architecture and engineering occupations ³	2,830	14.5	5.6	9.7	5.9
Architects, except naval	22	22.2	3.2	11.5	7.7
Aerospace engineers	110	13.1	5.6	12.9	5.1
Civil engineers	304	11.9	5.0	8.2	4.0
Computer hardware engineers	80	16.2	3.8	26.5	7.4
Electrical and electronics engineers	382	7.7	5.9	15.8	4.2
Industrial engineers, including health and safety	174	22.6	7.0	5.9	2.9
Mechanical engineers	322	5.8	4.3	9.5	4.0
Drafters	181	21.8	3.0	6.8	10.3
Engineering technicians, except drafters	396	20.6	9.3	5.3	11.2
Surveying and mapping technicians	96	9.9	3.0	0.3	8.5
Life, physical, and social science occupations ³	1,434	43.3	5.7	12.2	4.1
Biological scientists	116	46.6	3.5	11.9	3.8
Medical scientists	164	45.4	5.3	35.6	2.4
Chemists and materials scientists	116	34.1	7.4	13.3	1.7
Environmental scientists and geoscientists	101	22.0	2.9	3.4	1.8
Market and survey researchers	129	61.3	9.0	8.7	3.4
Psychologists	189	67.7	2.6	2.2	3.5
Chemical technicians	76	35.9	11.4	4.4	8.8
Community and social services occupations ³	2,156	61.6	18.6	3.3	8.5
Counselors	614	66.8	17.9	2.3	8.2
Social workers	698	82.6	22.7	3.3	10.3
Miscellaneous community and social service specialists	293	70.5	23.9	3.2	11.8
Clergy	416	12.8	12.4	4.5	4.7

See footnotes at end of table.

Table 598. Employed Civilians by Occupation, Sex, Race, and Hispanic Origin: 2006—Con.

[144,427 represents 144,427,000. Civilian noninstitutional population 16 years old and over. Annual average of monthly figures. Based on Current Population Survey; see text, Section 1, and Appendix III. Occupational classifications are those used in the 2000 census and are not comparable to those used in the 1990 census]

Occupation	Total employed (1,000)	Percent of total			
		Female	Black ¹	Asian ¹	Hispanic ²
Professional and related occupations—Con.					
Legal occupations ³	1,637	51.7	6.5	2.8	5.7
Lawyers	965	32.6	5.0	2.9	3.0
Paralegals and legal assistants	345	89.1	8.4	1.9	11.3
Miscellaneous legal support workers	261	76.8	8.7	3.8	9.0
Education, training, and library occupations ³	8,126	74.2	9.8	3.5	7.3
Postsecondary teachers	1,194	46.3	6.7	10.3	4.5
Preschool and kindergarten teachers	690	97.7	13.9	2.5	10.5
Elementary and middle school teachers	2,701	82.2	9.7	1.7	6.5
Secondary school teachers	1,098	56.0	7.3	1.9	6.5
Special education teachers	401	83.5	9.0	1.7	4.7
Other teachers and instructors	705	64.9	9.4	4.6	7.5
Librarians	229	84.2	8.8	1.1	2.9
Teacher assistants	942	92.3	14.9	2.3	14.1
Arts, design, entertainment, sports, and media occupations ³	2,735	48.8	6.7	4.2	7.8
Artists and related workers	223	52.4	5.1	6.2	4.6
Designers	821	55.5	3.2	7.0	9.4
Producers and directors	134	40.0	6.4	3.3	6.9
Athletes, coaches, umpires, and related workers	270	36.9	9.5	2.2	5.8
Musicians, singers, and related workers	203	33.5	9.0	3.4	11.5
News analysts, reporters, and correspondents	78	53.4	4.0	2.5	4.2
Public relations specialists	141	64.6	8.8	1.3	3.7
Editors	157	53.7	5.1	1.3	5.6
Writers and authors	174	58.5	5.7	1.9	2.8
Broadcast and sound engineering technicians and radio operators	89	15.6	11.7	2.5	10.1
Photographers	127	43.3	7.1	1.7	6.7
Healthcare practitioner and technical occupations ³	7,060	73.4	10.6	8.2	5.6
Dentists	196	22.6	3.1	11.4	4.3
Dietitians and nutritionists	96	91.0	21.2	7.6	4.6
Pharmacists	245	48.9	6.0	19.5	5.6
Physicians and surgeons	863	32.2	5.2	17.0	5.7
Physician assistants	85	71.7	10.9	6.2	6.7
Registered nurses	2,529	91.3	10.9	7.5	4.2
Occupational therapists	78	90.3	3.1	4.7	2.0
Physical therapists	198	62.7	5.8	13.7	5.0
Respiratory therapists	85	66.0	15.3	4.6	6.2
Speech-language pathologists	114	95.3	8.1	1.4	3.6
Clinical laboratory technologists and technicians	321	78.1	14.2	9.6	7.8
Dental hygienists	144	98.6	1.4	4.2	4.6
Diagnostic-related technologists and technicians	281	72.9	7.5	2.9	6.3
Emergency medical technicians and paramedics	156	31.9	11.9	2.2	7.4
Health diagnosing and treating practitioner support technicians	425	80.1	11.8	5.6	8.2
Licensed practical and licensed vocational nurses	556	94.2	23.2	3.1	7.0
Medical records and health information technicians	98	92.0	20.5	1.4	15.1
Service occupations	23,811	57.3	15.9	4.3	19.5
Healthcare support occupations ³	3,132	89.4	24.7	4.1	13.1
Nursing, psychiatric, and home health aides	1,906	88.9	34.8	4.0	13.1
Massage therapists	124	84.1	5.4	5.0	8.0
Dental assistants	274	95.4	5.4	4.2	14.9
Protective service occupations ³	2,939	22.3	19.7	1.7	10.2
First-line supervisors/managers of police and detectives	103	15.5	5.5	0.2	6.9
Firefighters	253	3.5	9.9	0.4	7.5
Bailiffs, correctional officers, and jailers	451	28.2	24.2	0.4	7.4
Detectives and criminal investigators	144	26.0	17.6	1.8	13.5
Police and sheriff's patrol officers	655	12.8	14.9	2.3	11.8
Private detectives and investigators	85	38.2	11.4	0.6	5.5
Security guards and gaming surveillance officers	835	23.0	29.8	3.1	12.2
Food preparation and serving-related occupations	7,606	56.6	11.7	5.3	21.1
Chefs and head cooks	313	23.9	14.1	15.8	19.1
First-line supervisors/managers of food preparation and serving workers	652	58.7	14.7	3.0	15.0
Cooks	1,868	43.4	17.4	6.2	31.6
Food-preparation workers	698	59.2	12.3	5.2	25.4
Bartenders	389	55.0	2.5	2.1	9.4
Combined food preparation and serving workers, including fast food	344	67.6	12.5	4.3	13.3
Counter attendants, cafeteria, food concession, and coffee shop	308	66.2	12.1	3.5	13.9
Waiters and waitresses	1,960	71.5	7.0	5.3	14.3
Food servers, nonrestaurant	155	65.3	23.7	5.1	13.2
Dining room and cafeteria attendants and bartender helpers	380	48.5	8.4	5.4	30.5
Dishwashers	279	23.9	10.0	3.1	36.7
Hosts and hostesses, restaurant, lounge, and coffee shop	257	86.4	6.3	4.3	14.7
Building and grounds cleaning and maintenance occupations	5,381	40.0	15.6	2.6	31.8
First-line supervisors/managers of housekeeping and janitorial workers	305	32.6	16.2	3.2	17.1
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	235	8.0	5.8	1.0	17.2
Janitors and building cleaners	2,082	32.2	18.7	3.0	26.8
Maids and housekeeping cleaners	1,423	90.3	19.9	3.4	37.2
Pest control workers	78	2.2	7.7	2.2	21.8
Grounds maintenance workers	1,259	6.2	7.8	1.2	40.9

See footnotes at end of table.

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Occupation	Total employed (1,000)	Percent of total			
		Female	Black ¹	Asian ¹	Hispanic ²
Service occupations—Con.					
Personal care and service occupations ³	4,754	78.7	15.0	6.4	13.0
First-line supervisors/managers of gaming workers	124	43.7	5.8	5.7	3.6
First-line supervisors/managers of personal service workers	176	66.7	11.2	10.9	6.0
Nonfarm animal caretakers	137	72.1	3.6	0.9	9.3
Gaming services workers	106	48.1	7.6	18.0	9.2
Barbers	100	17.7	36.7	1.9	10.0
Hairdressers, hairstylists, and cosmetologists	767	93.4	11.9	4.8	12.4
Miscellaneous personal appearance workers	230	83.0	6.5	45.5	8.0
Baggage porters, bellhops, and concierges	78	20.6	14.8	6.1	24.2
Transportation attendants	134	74.2	21.8	4.8	11.0
Child care workers	1,401	94.2	17.0	2.8	17.3
Personal and home care aides	703	87.3	22.4	5.8	14.9
Recreation and fitness workers	322	68.7	11.3	2.3	8.1
Sales and office occupations	36,141	63.3	11.2	4.0	11.5
Sales and related occupations ³	16,641	49.1	9.0	4.6	11.1
First-line supervisors/managers of retail sales workers	3,435	41.8	7.4	4.5	9.6
First-line supervisors/managers of non retail sales workers	1,433	27.2	5.6	6.0	9.9
Cashiers	3,063	74.8	15.3	5.5	16.8
Counter and rental clerks	146	51.7	11.1	8.9	14.3
Parts salespersons	149	16.3	3.0	1.1	11.7
Retail salespersons	3,386	51.4	11.1	4.2	11.9
Advertising sales agents	220	53.9	6.7	4.2	7.2
Insurance sales agents	548	45.3	6.9	2.6	6.8
Securities, commodities, and financial services sales agents	398	29.3	9.3	7.9	5.5
Travel agents	82	77.3	7.1	8.8	6.6
Sales representatives, services, all other	563	32.8	5.9	2.9	8.0
Sales representatives, wholesale and manufacturing	1,422	27.2	2.9	2.5	7.3
Models, demonstrators, and product promoters	75	84.2	3.2	5.3	11.5
Real estate brokers and sales agents	1,046	59.9	5.8	5.9	9.1
Telemarketers	142	65.3	19.5	1.1	16.2
Door-to-door sales workers, news and street vendors, and related workers	261	62.4	6.5	3.0	14.6
Office and administrative support occupations ³	19,500	75.4	13.1	3.6	11.9
First-line supervisors/managers of office and administrative support workers	1,543	72.2	9.0	2.7	9.9
Bill and account collectors	213	62.2	25.1	2.1	17.3
Billing and posting clerks and machine operators	422	88.1	13.3	3.5	10.7
Bookkeeping, accounting, and auditing clerks	1,511	90.3	7.8	3.7	8.4
Payroll and timekeeping clerks	158	92.4	11.0	2.3	11.9
Tellers	432	84.8	10.6	4.0	14.5
Court, municipal, and license clerks	114	80.7	12.4	1.4	13.9
Customer service representatives	1,916	70.4	18.3	3.6	13.8
File clerks	363	79.2	13.9	5.2	15.1
Hotel, motel, and resort desk clerks	117	63.7	18.1	3.7	18.3
Interviewers, except eligibility and loan	141	82.1	17.3	1.6	9.8
Library assistants, clerical	119	87.9	8.2	5.0	14.8
Loan interviewers and clerks	190	76.7	12.0	6.5	13.2
Order clerks	128	69.4	8.8	1.8	19.0
Receptionists and information clerks	1,403	92.7	10.8	3.8	12.6
Reservation and transportation ticket agents and travel clerks	156	64.8	19.3	5.0	13.1
Couriers and messengers	273	17.9	15.3	3.0	12.9
Dispatchers	303	53.4	11.7	1.0	13.5
Postal service clerks	153	49.5	22.7	12.4	7.8
Postal service mail carriers	329	35.7	15.7	5.0	8.7
Postal service mail sorters, processors, and processing machine operators	98	47.5	28.2	12.3	7.8
Production, planning, and expediting clerks	296	56.8	7.5	2.5	12.6
Shipping, receiving, and traffic clerks	543	30.1	14.0	2.6	20.1
Stock clerks and order fillers	1,462	39.1	17.8	3.4	16.4
Weighers, measurers, checkers, and samplers, recordkeeping, Secretaries and administrative assistants	81	50.4	15.3	7.3	17.8
Computer operators	185	96.9	9.8	2.2	8.6
Data entry keyers	475	49.6	15.2	7.7	10.3
Data entry keyers	475	81.6	15.2	6.1	11.8
Word processors and typists	256	91.2	18.1	1.9	9.5
Insurance claims and policy processing clerks	274	87.6	11.4	0.9	10.3
Mail clerks and mail machine operators, except postal service	123	54.2	25.8	7.5	8.4
Office clerks, general	1,035	81.9	12.4	5.8	14.5
Natural resources, construction, and maintenance occupations	15,830	4.7	6.8	1.8	24.6
Farming, fishing, and forestry occupations	961	22.0	4.9	1.6	39.7
Logging workers	78	0.2	7.5	0.0	3.0
Construction and extraction occupations ³	9,507	3.1	6.6	1.2	29.3
First-line supervisors/managers of construction trades and extraction workers	976	2.6	4.6	1.3	12.0
Brickmasons, blockmasons, and stonemasons	244	1.6	7.1	0.1	40.3
Carpenters	1,843	2.4	4.5	1.6	26.6

See footnotes at end of table.

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Occupation	Total employed (1,000)	Percent of total			
		Female	Black ¹	Asian ¹	Hispanic ²
Construction and extraction occupations—Con.					
Carpet, floor, and tile installers and finishers	279	2.4	5.3	1.2	39.4
Cement masons, concrete finishers, and terrazzo workers	107	0.7	13.8	—	51.5
Construction laborers	1,693	3.7	7.5	1.4	44.7
Operating engineers and other construction equipment operators	451	1.7	8.3	0.3	9.7
Drywall installers, ceiling tile installers, and tapers	295	2.9	3.8	0.1	51.8
Electricians	882	1.9	7.5	1.7	14.4
Painters, construction and maintenance	713	7.7	7.0	1.2	41.0
Pipelayers, plumbers, pipefitters, and steamfitters	662	1.8	8.5	0.4	20.9
Roofers	242	1.1	7.0	1.2	46.7
Sheet metal workers	125	3.1	2.2	2.8	13.7
Helpers, construction trades	132	6.2	9.9	0.4	43.2
Construction and building inspectors	102	8.8	10.1	1.3	12.3
Highway maintenance workers	103	3.8	10.5	0.6	23.1
Installation, maintenance, and repair occupations ³	5,362	4.6	7.6	3.0	13.4
First-line supervisors/managers of mechanics, installers, and repairers	357	8.5	7.8	2.3	8.7
Computer, automated teller, and office machine repairers	371	9.7	8.4	6.8	10.2
Radio and telecommunications equipment installers and repairers	205	15.2	11.2	5.1	8.8
Aircraft mechanics and service technicians	141	5.3	6.6	3.7	7.6
Automotive body and related repairers	162	0.6	4.1	4.8	25.6
Automotive service technicians and mechanics	875	1.6	6.1	4.4	16.8
Bus and truck mechanics and diesel engine specialists	367	0.9	6.3	1.6	14.1
Heavy vehicle and mobile equipment service technicians and mechanics	237	1.4	2.6	0.3	13.5
Heating, air conditioning, and refrigeration mechanics and installers	405	2.7	4.8	1.1	13.7
Industrial and refractory machinery mechanics	436	3.8	9.1	2.5	11.7
Maintenance and repair workers, general	435	4.0	11.3	1.2	16.6
Electrical power-line installers and repairers	109	0.9	12.0	—	6.5
Telecommunications line installers and repairers	210	8.6	11.3	2.1	12.8
Production, transportation, and material occupations	18,224	22.8	14.2	3.6	19.6
Production occupations ³	9,378	30.4	12.2	4.8	20.6
First-line supervisors/managers of production and operating workers	868	19.4	9.8	4.8	10.8
Electrical, electronics, and electromechanical assemblers	213	51.7	14.0	14.0	19.6
Bakers	186	57.9	9.4	4.6	28.5
Butchers and other meat, poultry, and fish processing workers	292	29.9	12.8	3.1	46.1
Food batchmakers	81	58.6	10.5	4.0	27.7
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	119	17.9	13.8	1.5	15.8
Machinists	415	6.7	5.2	4.1	12.1
Tool and die makers	105	0.9	3.0	—	5.4
Welding, soldering, and brazing workers	546	5.9	7.5	2.7	19.4
Printing machine operators	208	22.2	9.5	3.8	16.5
Laundry and dry-cleaning workers	190	62.4	18.3	5.2	32.1
Sewing machine operators	292	77.9	10.7	15.3	41.4
Tailors, dressmakers, and sewers	111	74.7	7.6	11.0	21.1
Cabinetmakers and bench carpenters	13	4.4	1.8	2.3	18.5
Stationary engineers and boiler operators	94	2.3	8.5	3.0	9.8
Water and liquid waste treatment plant and system operators	95	4.0	13.4	0.4	5.4
Crushing, grinding, polishing, mixing, and blending workers	105	11.2	19.3	5.1	24.6
Cutting workers	78	24.8	5.8	2.7	27.3
Inspectors, testers, sorters, samplers, and weighers	702	38.8	11.4	6.4	14.4
Medical, dental, and ophthalmic laboratory technicians	95	50.8	9.7	11.2	17.8
Packaging and filling machine operators and tenders	275	55.5	21.5	5.0	38.0
Painting workers	173	16.6	9.0	1.4	25.0
Transportation and material-moving occupations ³	8,846	14.8	16.3	2.3	18.6
Supervisors, transportation and material-moving workers	228	16.7	13.0	2.2	12.1
Aircraft pilots and flight engineers	115	2.2	—	2.8	5.3
Bus drivers	565	49.6	29.4	1.3	12.2
Driver/sales workers and truck drivers	3,475	5.2	13.9	1.2	16.0
Taxi drivers and chauffeurs	282	16.0	23.8	12.6	15.0
Service station attendants	96	9.8	5.9	7.5	12.0
Industrial truck and tractor operators	574	7.2	20.1	1.0	25.8
Cleaners of vehicles and equipment	401	15.0	16.9	1.0	32.7
Laborers and freight, stock, and material movers, hand	1,899	16.9	16.2	2.7	19.4
Packers and packagers, hand	432	57.5	18.9	5.4	39.2
Refuse and recyclable material collectors	91	6.1	28.0	4.4	24.7

— Represents or rounds to zero. ¹ The 2003 Current Population Survey (CPS) allowed respondents to choose more than one race. Data represent persons who selected this race group only and exclude persons reporting more than one race. The CPS in prior years only allowed respondents to report one race group. See also comments on race in the text for Section 1. ² Persons of Hispanic or Latino ethnicity may be of any race. ³ Includes other occupations, not shown separately.