

Table 596. Employed Civilians by Occupation, Sex, Race, and Hispanic Origin: 2007

[146,047 represents 146,047,000. 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	146,047	46.4	11.0	4.7	14.0
Management, professional and related occupations	51,788	50.6	8.4	6.4	7.0
Management, business, and financial operations occupations	21,577	42.7	7.5	5.0	7.3
Management occupations ³	15,486	37.5	6.3	4.5	7.4
Chief executives	1,649	25.6	3.5	4.3	5.0
General and operations managers	971	27.5	4.6	3.6	7.9
Advertising and promotions managers	77	56.2	5.6	3.0	3.1
Marketing and sales managers	848	38.8	5.1	3.5	5.8
Administrative services managers	98	32.7	8.6	4.2	2.9
Computer and information systems managers	467	27.8	7.7	8.5	3.4
Financial managers	1,181	54.6	7.1	6.7	8.0
Human resources managers	253	70.3	11.6	3.3	7.1
Industrial production managers	264	16.7	4.7	3.7	9.8
Purchasing managers	168	40.3	8.5	4.8	6.4
Transportation, storage, and distribution managers	260	17.2	10.0	1.8	13.6
Farm, ranch, and other agricultural managers	204	22.5	0.6	1.1	5.3
Farmers and ranchers	742	25.5	1.1	0.5	2.3
Construction managers	1,176	8.1	2.6	1.5	9.2
Education administrators	810	64.1	12.6	1.0	7.4
Engineering managers	114	8.0	2.8	8.1	1.5
Food service managers	1,002	44.3	7.2	9.9	14.3
Lodging managers	151	50.6	7.4	13.4	7.7
Medical and health services managers	536	69.9	11.3	5.1	7.4
Property, real estate, and community association managers	594	50.5	7.1	4.7	9.5
Social and community service managers	331	65.8	13.5	4.0	8.6
Business and financial operations occupations ³	6,091	55.9	10.5	6.4	7.2
Wholesale and retail buyers, except farm products	200	51.5	7.2	5.1	7.9
Purchasing agents, except wholesale, retail, and farm products	280	55.5	8.2	3.9	6.9
Claims adjusters, appraisers, examiners, and investigators	289	61.8	17.3	3.1	7.8
Compliance officers, except agriculture, construction, health and safety, and transportation	139	50.6	8.9	4.5	8.0
Cost estimators	115	15.4	0.2	4.6	5.1
Human resources, training, and labor relations specialists	793	71.1	14.2	3.6	7.5
Management analysts	627	44.3	5.4	6.5	6.4
Accountants and auditors	1,806	61.9	10.5	9.1	5.9
Appraisers and assessors of real estate	118	25.8	4.9	5.1	5.4
Financial analysts	109	34.3	4.0	14.7	5.8
Personal financial advisors	373	31.7	7.6	6.0	6.5
Insurance underwriters	94	71.2	14.3	6.1	2.5
Loan counselors and officers	467	52.7	14.4	4.2	13.1
Tax preparers	104	62.2	13.6	5.8	10.1
Professional and related occupations	30,210	56.2	9.0	7.3	6.8
Computer and mathematical occupations ³	3,441	25.6	7.2	17.8	5.2
Computer scientists and systems analysts	825	27.1	8.8	15.5	5.6
Computer programmers	526	24.7	5.2	19.6	6.2
Computer software engineers	907	20.8	4.9	29.4	2.8
Computer support specialists	332	30.0	11.2	8.8	6.0
Database administrators	104	35.9	5.8	16.2	3.8
Network and computer systems administrators	214	14.7	7.9	10.1	7.8
Network systems and data communications analysts	383	26.3	7.4	9.1	6.9
Operations research analysts	87	47.5	13.1	5.3	7.8
Architecture and engineering occupations ³	2,932	14.4	5.3	9.7	6.4
Architects, except naval	240	24.7	4.4	8.6	7.0
Aerospace engineers	123	10.5	6.6	13.4	3.1
Civil engineers	382	11.5	2.9	8.8	6.1
Computer hardware engineers	79	9.6	5.6	22.8	4.9
Electrical and electronics engineers	347	8.6	6.9	13.5	4.1
Industrial engineers, including health and safety	161	17.5	4.4	8.0	3.0
Mechanical engineers	296	7.3	4.2	12.1	3.8
Drafters	187	20.6	5.3	4.1	8.8
Engineering technicians, except drafters	420	22.4	8.3	5.9	11.2
Surveying and mapping technicians	92	10.5	5.0	1.2	5.8
Life, physical, and social science occupations ³	1,382	42.7	5.8	12.9	4.6
Biological scientists	92	42.6	2.0	13.5	1.7
Medical scientists	152	49.1	7.4	31.9	2.8
Chemists and materials scientists	118	40.8	6.8	18.3	5.1
Environmental scientists and geoscientists	98	29.9	5.4	3.9	0.3
Market and survey researchers	159	56.8	5.2	9.9	5.1
Psychologists	185	64.4	7.0	4.6	3.5
Chemical technicians	62	32.4	7.4	6.0	14.5
Community and social services occupations ³	2,265	60.7	18.4	3.2	9.5
Counselors	686	65.9	18.6	2.9	8.3
Social workers	673	82.0	22.9	3.2	11.9
Miscellaneous community and social service specialists	317	63.2	23.8	3.0	14.6
Clergy	422	15.1	11.1	3.5	5.0

See footnotes at end of table.

Table 596. Employed Civilians by Occupation, Sex, Race, and Hispanic Origin: 2007—Con.

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Occupation	Total employed (1,000)	Percent of total			
		Female	Black ¹	Asian ¹	Hispanic ²
Legal occupations	1,668	51.5	6.7	2.8	6.0
Lawyers	1,001	32.6	4.9	2.6	4.3
Paralegals and legal assistants	347	88.4	9.7	3.4	9.0
Miscellaneous legal support workers	253	77.5	8.7	3.6	8.1
Education, training, and library occupations ³	8,485	73.3	9.6	3.7	7.6
Postsecondary teachers	1,261	46.2	5.6	11.7	4.2
Preschool and kindergarten teachers	667	97.3	14.3	3.0	10.4
Elementary and middle school teachers	2,943	80.9	10.3	1.6	6.9
Secondary school teachers	1,158	56.9	7.1	1.4	7.0
Special education teachers	363	81.5	8.7	1.4	4.5
Other teachers and instructors	732	63.8	10.4	5.6	6.7
Librarians	215	83.2	6.0	2.0	4.1
Teacher assistants	974	91.5	12.8	2.2	15.8
Arts, design, entertainment, sports, and media occupations ³	2,789	47.1	5.7	3.9	8.7
Artists and related workers	227	52.9	2.6	3.9	5.2
Designers	852	54.7	4.0	5.6	8.5
Producers and directors	149	30.5	4.7	1.9	7.4
Athletes, coaches, umpires, and related workers	253	36.3	8.2	1.4	7.6
Musicians, singers, and related workers	170	31.5	9.5	2.0	13.2
News analysts, reporters and correspondents	84	42.1	6.4	2.7	6.8
Public relations specialists	132	63.3	5.5	4.3	7.2
Editors	163	49.5	5.8	3.7	6.3
Writers and authors	179	59.5	2.6	4.1	3.2
Broadcast and sound engineering technicians and radio operators	89	11.6	9.1	4.3	9.3
Photographers	173	47.5	5.7	1.9	10.3
Healthcare practitioner and technical occupations ³	7,248	73.6	10.2	8.2	5.6
Dentists	184	28.2	5.4	10.9	3.4
Dietitians and nutritionists	100	87.6	15.8	9.3	5.3
Pharmacists	247	53.3	5.9	16.6	2.5
Physicians and surgeons	888	30.0	5.6	16.9	5.2
Physician assistants	87	70.1	7.2	5.6	8.2
Registered nurses	2,629	91.7	9.9	7.9	4.6
Occupational therapists	79	85.6	1.4	3.4	6.7
Physical therapists	212	68.2	3.5	12.0	5.3
Respiratory therapists	97	66.9	11.0	3.2	8.9
Speech-language pathologists	122	98.0	6.3	1.8	4.5
Clinical laboratory technologists and technicians	332	75.9	18.3	10.4	5.0
Dental hygienists	156	99.2	1.4	3.8	5.4
Diagnostic-related technologists and technicians	287	69.2	8.0	3.3	8.4
Emergency medical technicians and paramedics	162	26.5	8.6	0.7	7.0
Health diagnosing and treating practitioner support technicians	462	78.0	14.0	6.0	8.8
Licensed practical and licensed vocational nurses	533	93.2	22.4	3.9	5.8
Medical records and health information technicians	83	93.0	17.9	3.7	15.8
Service occupations	24,137	57.2	15.5	4.5	20.3
Healthcare support occupations ³	3,138	89.2	24.0	3.9	14.0
Nursing, psychiatric, and home health aides	1,879	88.3	33.6	4.2	13.8
Massage therapists	134	89.1	2.7	5.1	6.9
Dental assistants	275	96.3	6.8	1.2	16.7
Protective service occupations ³	3,071	22.5	18.9	2.1	10.0
First-line supervisors/managers of police and detectives	116	14.5	11.2	0.8	10.6
Firefighters	288	5.3	10.0	0.9	6.2
Bailiffs, correctional officers, and jailers	444	29.5	23.9	0.4	7.3
Detectives and criminal investigators	135	23.2	14.9	3.0	11.2
Police and sheriff's patrol officers	669	13.7	12.7	2.6	9.1
Private detectives and investigators	86	31.1	7.9	2.8	9.7
Security guards and gaming surveillance officers	891	23.2	28.3	3.3	12.4
Food preparation and serving related occupations	7,699	56.4	11.5	5.5	21.2
Chefs and head cooks	345	20.6	12.2	13.6	19.5
First-line supervisors/managers of food preparation and serving workers	610	57.3	13.9	2.9	16.3
Cooks	1,939	40.1	15.4	6.0	31.0
Food preparation workers	681	61.2	12.2	5.3	23.4
Bartenders	375	54.0	3.3	3.1	10.9
Combined food preparation and serving workers, including fast food	302	70.1	12.4	4.2	12.6
Counter attendants, cafeteria, food concession, and coffee shop	323	64.5	10.6	3.7	14.7
Waiters and waitresses	1,978	74.0	7.7	5.6	15.3
Food servers, nonrestaurant	182	73.4	20.9	6.4	16.9
Dining room and cafeteria attendants and bartender helpers	392	48.9	10.9	5.5	27.9
Dishwashers	281	24.8	11.8	4.4	36.6
Hosts and hostesses, restaurant, lounge, and coffee shop	284	85.8	9.8	5.7	11.9
Building and grounds cleaning and maintenance occupations	5,469	40.0	15.2	2.8	34.3
First-line supervisors/managers of housekeeping and janitorial workers	319	34.1	19.2	2.6	21.2
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	234	5.9	4.3	2.0	19.3
Janitors and building cleaners	2,080	34.2	19.2	3.2	28.0
Maids and housekeeping cleaners	1,427	89.2	17.6	3.3	40.4
Pest control workers	77	4.0	12.9	5.3	14.2
Grounds maintenance workers	1,332	5.9	7.5	1.7	44.4

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
Personal care and service occupations³	4,760	79.3	14.3	6.9	13.6
First-line supervisors/managers of gaming workers	139	43.2	10.0	3.9	6.2
First-line supervisors/managers of personal service workers	157	71.3	9.3	11.7	5.5
Nonfarm animal caretakers	140	78.0	1.7	1.0	13.4
Gaming services workers	111	50.3	9.8	23.8	7.8
Barbers	102	26.1	27.3	2.4	22.6
Hairdressers, hairstylists, and cosmetologists	778	92.9	11.1	5.5	12.5
Miscellaneous personal appearance workers	223	84.9	5.9	49.1	6.8
Baggage porters, bellhops, and concierges	60	16.7	20.3	10.0	26.7
Transportation attendants	148	75.9	18.5	7.7	9.8
Child care workers	1,341	94.6	16.0	2.7	16.8
Personal and home care aides	766	88.2	22.5	6.2	18.8
Recreation and fitness workers	331	61.7	7.8	1.8	6.9
Sales and office occupations	36,212	63.4	11.6	4.1	11.9
Sales and related occupations³	16,698	49.6	9.9	4.7	11.3
First-line supervisors/managers of retail sales workers	3,445	42.6	8.0	5.3	9.6
First-line supervisors/managers of nonretail sales workers	1,333	28.2	7.2	5.8	8.8
Cashiers	3,022	75.6	17.4	5.8	17.0
Counter and rental clerks	158	53.4	15.9	3.1	11.0
Parts salespersons	132	17.4	7.9	0.3	11.9
Retail salespersons	3,492	51.5	10.9	4.1	12.2
Advertising sales agents	219	57.5	7.2	1.4	7.7
Insurance sales agents	538	45.4	7.7	3.1	8.2
Securities, commodities, and financial services sales agents	398	31.2	7.4	7.3	8.3
Travel agents	111	75.3	7.7	9.6	9.1
Sales representatives, services, all other	590	36.2	8.5	3.3	8.4
Sales representatives, wholesale and manufacturing	1,442	27.1	4.2	3.4	8.4
Models, demonstrators, and product promoters	75	83.4	2.1	3.7	8.1
Real estate brokers and sales agents	1,050	55.4	5.3	5.0	10.1
Telemarketers	160	60.2	19.5	1.2	13.4
Door-to-door sales workers, news and street vendors, and related workers	265	66.7	10.5	3.9	17.5
Office and administrative support occupations³	19,513	75.2	13.0	3.7	12.4
First-line supervisors/managers of office and administrative support workers	1,629	73.4	9.5	3.9	11.3
Bill and account collectors	216	63.2	24.3	2.1	14.4
Billing and posting clerks and machine operators	442	89.5	14.9	4.4	11.6
Bookkeeping, accounting, and auditing clerks	1,490	90.3	7.3	3.8	9.5
Payroll and timekeeping clerks	181	89.1	8.8	4.7	12.2
Tellers	472	87.5	10.5	4.9	13.3
Court, municipal, and license clerks	99	80.7	11.7	5.3	11.1
Customer service representatives	1,917	68.5	18.0	3.6	14.1
File clerks	403	82.0	17.9	3.8	13.1
Hotel, motel, and resort desk clerks	118	68.1	13.7	3.6	16.2
Interviewers, except eligibility and loan	141	81.5	17.6	3.6	13.3
Library assistants, clerical	113	84.2	8.7	10.4	12.6
Loan interviewers and clerks	155	80.4	7.7	4.1	14.6
Order clerks	102	70.1	14.9	4.1	12.5
Receptionists and information clerks	1,441	93.0	11.3	2.7	14.3
Reservation and transportation ticket agents and travel clerks	144	59.1	15.3	3.3	15.3
Couriers and messengers	254	15.1	15.9	4.7	11.1
Dispatchers	286	55.1	11.6	1.0	12.0
Postal service clerks	172	53.0	24.8	9.1	10.4
Postal service mail carriers	364	36.9	15.9	6.1	7.5
Postal service mail sorters, processors, and processing machine operators	84	43.3	37.0	12.2	6.5
Production, planning, and expediting clerks	258	54.3	6.5	2.6	10.2
Shipping, receiving, and traffic clerks	539	33.4	11.6	2.8	23.0
Stock clerks and order fillers	1,512	35.5	17.4	3.6	17.3
Weighers, measurers, checkers, and samplers, recordkeeping	68	48.7	14.0	0.9	19.9
Secretaries and administrative assistants	3,401	96.7	9.0	2.2	9.3
Computer operators	160	51.1	15.0	4.8	11.3
Data entry keyers	449	78.6	16.5	7.3	10.7
Word processors and typists	214	89.6	19.6	3.0	11.8
Insurance claims and policy processing clerks	283	87.0	15.4	1.7	13.8
Mail clerks and mail machine operators, except postal service	123	48.6	25.7	5.2	11.6
Office clerks, general	1,097	85.3	14.0	5.5	13.8
Natural resources, construction, and maintenance occupations	15,740	4.2	7.1	1.9	25.2
Farming, fishing, and forestry occupations ³	960	20.9	4.9	1.7	40.4
Logging workers	88	1.5	7.7	0.2	15.1
Construction and extraction occupations³	9,535	2.7	6.7	1.2	29.9
First-line supervisors/managers of construction trades and extraction workers	918	3.2	3.8	0.7	15.9
Brickmasons, blockmasons, and stonemasons	233	1.2	9.1	0.7	37.2
Carpenters	1,824	1.9	5.6	1.8	26.9

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
Carpet, floor, and tile installers and finishers	258	2.1	5.1	1.1	43.3
Cement masons, concrete finishers, and terrazzo workers	112	2.2	12.9	0.4	52.1
Construction laborers	1,771	2.7	8.6	1.7	44.6
Operating engineers and other construction equipment operators	411	2.7	7.4	0.4	15.1
Drywall installers, ceiling tile installers, and tapers	232	3.6	3.5	0.2	53.6
Electricians	912	1.7	5.9	1.2	14.3
Painters, construction and maintenance	714	6.9	5.6	1.5	41.0
Pipelayers, plumbers, pipefitters, and steamfitters	697	1.5	8.3	1.0	23.0
Roofers	269	0.9	4.9	0.1	45.1
Sheet metal workers	143	3.7	4.8	2.2	15.9
Helpers, construction trades	117	4.2	14.0	0.4	39.2
Construction and building inspectors	107	10.0	7.8	4.1	8.0
Highway maintenance workers	109	0.5	14.4	(S)	19.5
Installation, maintenance, and repair occupations ³	5,245	3.9	8.3	3.1	13.8
First-line supervisors/managers of mechanics, installers, and repairers	330	5.4	6.4	1.5	11.4
Computer, automated teller, and office machine repairers	318	10.6	12.8	9.8	10.2
Radio and telecommunications equipment installers and repairers	203	14.8	12.2	3.9	10.9
Aircraft mechanics and service technicians	126	2.1	7.8	2.8	11.7
Automotive body and related repairers	155	1.6	5.0	4.4	24.9
Automotive service technicians and mechanics	879	0.7	7.9	3.6	17.7
Bus and truck mechanics and diesel engine specialists	365	1.1	7.6	1.7	12.7
Heavy vehicle and mobile equipment service technicians and mechanics	226	1.3	5.6	1.2	12.2
Heating, air conditioning, and refrigeration mechanics and installers	403	0.9	6.3	2.2	13.7
Industrial and refractory machinery mechanics	426	3.2	8.3	2.6	11.4
Maintenance and repair workers, general	488	3.1	10.5	3.6	14.6
Electrical power-line installers and repairers	103	1.4	6.0	0.3	6.3
Telecommunications line installers and repairers	227	7.5	13.5	1.1	14.9
Production, transportation, and material occupations	18,171	23.0	14.6	3.6	19.7
Production occupations ³	9,395	30.1	12.6	4.8	20.4
First-line supervisors/managers of production and operating workers	941	19.4	11.6	4.8	10.2
Electrical, electronics, and electromechanical assemblers	205	57.9	13.1	16.7	20.0
Bakers	192	54.1	6.8	5.7	24.5
Butchers and other meat, poultry, and fish processing workers	281	26.8	13.1	4.0	41.1
Food batchmakers	92	58.0	12.5	2.2	32.4
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	118	21.6	9.4	0.8	22.0
Machinists	422	5.2	5.0	5.2	13.9
Tool and die makers	80	2.0	(S)	1.3	5.7
Welding, soldering, and brazing workers	577	5.6	7.3	2.8	20.3
Printing machine operators	222	17.2	11.7	4.6	16.2
Laundry and dry-cleaning workers	229	56.4	21.0	7.6	30.9
Sewing machine operators	265	81.6	12.8	14.4	35.5
Tailors, dressmakers, and sewers	90	75.3	5.9	18.5	29.0
Cabinetmakers and bench carpenters	91	6.5	4.4	3.6	19.3
Stationary engineers and boiler operators	95	1.3	15.5	1.8	9.2
Water and liquid waste treatment plant and system operators	72	6.2	16.4	(S)	6.6
Crushing, grinding, polishing, mixing, and blending workers	118	12.5	15.7	4.8	19.4
Cutting workers	94	24.4	10.1	3.0	26.9
Inspectors, testers, sorters, samplers, and weighers	737	39.5	13.5	5.0	14.7
Medical, dental, and ophthalmic laboratory technicians	107	44.0	7.7	7.1	13.9
Packaging and filling machine operators and tenders	279	57.1	22.2	3.9	36.7
Painting workers	193	11.0	9.3	0.6	29.0
Transportation and material-moving occupations ³	8,776	15.4	16.8	2.3	19.0
Supervisors, transportation and material-moving workers	225	20.3	15.1	2.7	10.3
Aircraft pilots and flight engineers	123	4.2	0.5	3.0	2.0
Bus drivers	578	51.6	26.8	1.1	11.3
Driver/sales workers and truck drivers	3,460	5.3	13.8	1.4	17.5
Taxi drivers and chauffeurs	333	15.4	24.3	12.8	18.8
Service station attendants	90	7.0	8.2	8.7	15.8
Industrial truck and tractor operators	571	5.9	23.0	1.5	23.8
Cleaners of vehicles and equipment	326	13.0	19.1	1.3	30.0
Laborers and freight, stock, and material movers, hand	1,877	18.6	17.9	1.9	20.1
Packers and packagers, hand	406	64.4	15.6	4.7	41.2
Refuse and recyclable material collectors	79	6.4	23.8	0.7	24.1

¹ S Data does not meet publication standards. ² The Current Population Survey (CPS) allows respondents to choose more than one race. Data represent persons who selected this race group only and exclude persons reporting more than one race. See also comments on race in the text for Section 1. ³ Persons of Hispanic or Latino ethnicity may be any race. ⁴ Includes other occupations not shown separately.