

Table 603. Employed Civilians by Occupation, Sex, Race, and Hispanic Origin: 2008

[145,362 represents 145,362,000. 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]

Occupation	Total employed (1,000)	Percent of total			
		Female	Black ¹	Asian ¹	Hispanic ²
Total, 16 years and over	145,362	46.7	11.0	4.8	14.0
Management, professional and related occupations	52,761	50.8	8.3	6.3	7.1
Management, business, and financial operations occupations	22,059	42.7	7.2	5.2	7.5
Management occupations ³	15,852	37.4	6.4	4.6	7.3
Chief executives	1,655	23.4	3.9	4.0	4.8
General and operations managers	985	30.1	5.4	4.3	6.2
Advertising and promotions managers	77	62.1	7.6	5.8	9.7
Marketing and sales managers	922	42.0	4.9	4.1	6.2
Administrative services managers	100	32.6	8.9	2.3	5.7
Computer and information systems managers	475	27.2	7.7	10.2	5.3
Financial managers	1,168	54.8	7.9	5.7	8.6
Human resources managers	293	66.3	8.2	4.0	7.3
Industrial production managers	243	14.5	4.9	3.8	9.6
Purchasing managers	193	40.4	12.9	2.5	3.7
Transportation, storage, and distribution managers	239	17.0	7.7	1.7	12.7
Farm, ranch, and other agricultural managers	217	23.9	0.9	1.7	4.6
Farmers and ranchers	751	24.4	1.0	0.7	2.4
Construction managers	1,244	8.2	3.7	1.4	9.1
Education administrators	829	65.1	12.2	2.6	7.6
Engineering managers	109	6.3	1.1	8.0	4.9
Food service managers	1,039	44.8	7.3	11.8	12.9
Lodging managers	177	46.7	5.5	12.2	9.1
Medical and health services managers	561	69.4	10.1	4.2	7.3
Property, real estate, and community association managers	558	49.6	7.7	3.1	8.2
Social and community service managers	338	68.1	10.1	2.2	7.7
Business and financial operations occupations ³	6,207	56.2	9.4	6.5	7.9
Wholesale and retail buyers, except farm products	191	47.6	7.6	6.1	12.2
Purchasing agents, except wholesale, retail, and farm products	264	56.5	6.7	4.8	11.2
Claims adjusters, appraisers, examiners, and investigators	312	65.7	14.6	3.6	7.6
Compliance officers, except agriculture, construction, health and safety, and transportation	179	52.3	7.9	3.1	6.4
Cost estimators	100	10.0	0.7	1.2	5.3
Human resources, training, and labor relations specialists	803	70.7	14.0	3.5	7.9
Management analysts	731	43.5	6.2	5.8	4.6
Accountants and auditors	1,762	61.1	8.3	10.2	7.6
Appraisers and assessors of real estate	102	33.4	5.2	2.0	7.2
Financial analysts	110	38.8	6.0	12.9	9.8
Personal financial advisors	430	34.3	5.9	5.9	6.1
Insurance underwriters	82	80.3	13.3	5.5	7.1
Loan counselors and officers	392	58.0	10.6	4.4	11.5
Tax preparers	105	66.6	9.1	5.7	12.6
Professional and related occupations	30,702	56.7	9.0	7.1	6.7
Computer and mathematical occupations ³	3,676	24.8	7.2	16.7	5.1
Computer scientists and systems analysts	837	27.5	9.7	13.7	5.3
Computer programmers	534	22.4	5.7	14.1	4.0
Computer software engineers	1,034	20.9	4.7	29.0	3.7
Computer support specialists	382	27.7	11.1	8.2	7.9
Database administrators	93	29.2	6.3	13.5	3.8
Network and computer systems administrators	227	21.4	8.0	9.8	7.4
Network systems and data communications analysts	422	23.7	7.1	9.2	6.4
Operations research analysts	75	47.6	8.6	4.1	8.3
Architecture and engineering occupations ³	2,931	13.5	5.1	9.6	6.7
Architects, except naval	233	24.8	3.3	6.1	8.2
Aerospace engineers	137	10.3	6.1	11.1	5.0
Civil engineers	346	10.4	3.2	11.2	9.2
Electrical and electronics engineers	350	7.7	3.0	13.4	5.3
Industrial engineers, including health and safety	177	14.9	5.9	7.6	5.2
Mechanical engineers	318	6.7	4.5	10.6	4.1
Drafters	162	23.4	3.0	7.2	9.0
Engineering technicians, except drafters	416	18.5	10.9	5.4	10.3
Surveying and mapping technicians	105	4.9	1.5	1.2	8.0
Life, physical, and social science occupations ³	1,307	46.1	7.1	12.0	4.7
Biological scientists	101	52.9	4.2	13.3	3.9
Medical scientists	132	52.3	8.1	24.8	2.7
Chemists and materials scientists	118	33.1	4.7	22.3	6.9
Environmental scientists and geoscientists	85	29.3	4.0	2.7	4.1
Market and survey researchers	134	57.0	5.7	3.3	5.8
Psychologists	176	66.9	7.2	3.1	6.6
Community and social services occupations ³	2,293	60.3	19.0	2.5	8.9
Counselors	674	68.0	20.5	2.2	8.9
Social workers	729	79.4	24.5	2.9	10.0
Miscellaneous community and social service specialists	303	61.4	20.9	2.6	14.5
Clergy	441	14.8	10.2	2.7	3.6

See footnotes at end of table.

Table 603. Employed Civilians by Occupation, Sex, Race, and Hispanic Origin: 2008—Con.

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Occupation	Total employed (1,000)	Percent of total			
		Female	Black ¹	Asian ¹	Hispanic ²
Legal occupations	1,671	51.9	7.0	2.8	6.6
Lawyers	1,014	34.4	4.6	2.9	3.8
Paralegals and legal assistants	346	87.7	11.6	2.2	10.3
Miscellaneous legal support workers	257	74.5	10.0	3.9	13.3
Education, training, and library occupations³	8,605	74.0	9.2	3.8	7.5
Postsecondary teachers	1,218	46.1	5.2	11.9	4.0
Preschool and kindergarten teachers	685	97.6	11.7	3.5	9.8
Elementary and middle school teachers	2,958	81.2	9.9	2.2	6.8
Secondary school teachers	1,210	56.0	7.2	1.8	6.5
Special education teachers	387	84.9	8.0	1.3	3.7
Other teachers and instructors	751	66.9	9.3	3.8	8.2
Librarians	197	83.5	6.7	3.5	3.7
Teacher assistants	1,020	91.7	13.9	2.8	15.0
Arts, design, entertainment, sports, and media occupations³	2,820	47.8	6.1	4.1	8.3
Artists and related workers	213	48.6	2.0	3.7	5.4
Designers	834	57.5	5.6	6.1	8.2
Producers and directors	154	38.5	8.9	4.0	7.3
Athletes, coaches, umpires, and related workers	252	32.5	10.3	2.3	8.3
Musicians, singers, and related workers	186	29.3	9.7	1.6	10.8
News analysts, reporters and correspondents	94	45.4	2.1	3.9	2.9
Public relations specialists	135	61.6	5.1	1.7	7.3
Editors	171	54.8	3.5	2.5	2.2
Writers and authors	186	57.3	4.1	1.1	3.3
Miscellaneous media and communication workers	83	72.2	6.1	12.1	27.4
Broadcast and sound engineering technicians and radio operators	98	16.1	11.0	5.9	12.9
Photographers	181	44.1	4.3	3.9	10.1
Healthcare practitioner and technical occupations³	7,399	74.6	10.2	8.0	5.9
Dentists	152	27.2	3.3	12.0	5.2
Dietitians and nutritionists	100	90.0	20.3	3.7	7.1
Pharmacists	243	51.8	8.7	12.6	2.5
Physicians and surgeons	877	30.5	6.2	16.6	5.8
Physician assistants	99	66.9	6.6	5.2	9.3
Registered nurses	2,778	91.7	10.0	7.8	4.7
Occupational therapists	87	95.9	1.2	6.3	5.5
Physical therapists	197	69.0	3.9	13.0	3.5
Respiratory therapists	109	68.3	10.4	4.6	7.4
Speech-language pathologists	133	98.1	2.3	4.8	6.2
Clinical laboratory technologists and technicians	351	75.7	14.6	8.8	9.0
Dental hygienists	143	97.7	4.1	2.0	5.3
Diagnostic-related technologists and technicians	298	72.0	8.8	5.3	5.0
Emergency medical technicians and paramedics	138	30.2	4.7	0.1	6.6
Health diagnosing and treating practitioner support technicians	447	76.7	10.8	5.2	10.8
Licensed practical and licensed vocational nurses	566	93.3	22.1	3.6	7.1
Medical records and health information technicians	98	95.0	13.9	4.0	9.9
Service occupations	24,451	57.2	15.9	4.6	20.2
Healthcare support occupations³	3,212	88.8	25.8	4.2	13.6
Nursing, psychiatric, and home health aides	1,889	88.7	34.5	4.3	13.1
Massage therapists	147	84.5	7.0	8.0	7.4
Dental assistants	263	96.3	6.9	2.0	17.3
Medical assistants and other healthcare support occupations	831	88.8	16.9	4.2	15.3
Protective service occupations³	3,047	22.8	19.1	1.8	10.9
First-line supervisors/managers of police and detectives	117	14.7	12.5	2.9	6.1
Fire-fighters	293	4.8	8.2	0.3	9.4
Bailiffs, correctional officers, and jailers	403	30.0	22.0	0.6	10.4
Detectives and criminal investigators	139	19.2	10.6	2.3	9.5
Police and sheriff's patrol officers	674	14.7	13.6	1.8	11.6
Private detectives and investigators	89	39.4	13.8	0.8	6.5
Security guards and gaming surveillance officers	867	23.6	31.0	3.0	12.4
Lifeguards and other protective service workers	148	52.3	5.7	0.8	9.6
Food preparation and serving related occupations	7,824	56.0	12.1	5.4	21.0
Chefs and head cooks	351	17.0	10.3	14.1	22.7
First-line supervisors/managers of food preparation and serving workers	635	57.8	14.4	3.8	14.1
Cooks	1,997	40.1	18.1	5.0	30.2
Food-preparation workers	724	60.7	9.8	6.6	24.6
Bartenders	365	58.3	3.5	2.3	9.6
Combined food preparation and serving workers, including fast food	323	68.5	15.6	2.0	17.2
Counter attendants, cafeteria, food concession, and coffee shop	323	64.1	12.2	4.5	15.4
Waiters and waitresses	2,010	73.2	7.3	6.2	14.6
Food servers, nonrestaurant	187	70.5	20.5	6.5	18.0
Dining room and cafeteria attendants and bartender helpers	349	47.8	13.1	5.6	26.9
Dishwashers	289	22.7	12.0	3.4	35.7
Hosts and hostesses, restaurant, lounge, and coffee shop	263	88.7	6.2	3.0	11.6
Building and grounds cleaning and maintenance occupations	5,445	40.2	15.0	2.8	33.4
First-line supervisors/managers of housekeeping and janitorial workers	296	39.9	18.6	1.1	23.7
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	258	7.5	4.5	0.6	16.8
Janitors and building cleaners	2,125	32.2	18.4	3.4	28.2
Maids and housekeeping cleaners	1,434	89.8	18.1	3.7	40.5
Grounds maintenance workers	1,262	6.1	7.7	1.6	41.0

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 occupations ³	4,923	78.4	14.7	7.4	14.2
First-line supervisors/managers of gaming workers	155	38.6	7.2	3.2	10.3
First-line supervisors/managers of personal service workers	174	73.2	11.1	13.8	7.5
Nonfarm animal caretakers	157	73.5	2.9	1.9	12.3
Gaming services workers	111	51.5	13.1	21.8	3.5
Barbers	87	20.8	33.3	4.1	20.2
Hairdressers, hairstylists, and cosmetologists	773	90.6	11.3	6.5	11.0
Miscellaneous personal appearance workers	229	82.3	4.4	55.0	6.3
Baggage porters, bellhops, and concierges	72	17.3	23.9	8.1	19.9
Transportation attendants	139	71.0	16.8	3.3	13.1
Child care workers	1,314	95.6	17.4	2.7	20.0
Personal and home care aides	871	85.4	21.8	6.7	17.4
Recreation and fitness workers	353	68.1	9.6	3.3	9.5
Residential advisors	70	65.8	28.1	0.1	4.7
Sales and office occupations	35,544	63.2	11.5	4.2	12.3
Sales and related occupations ³	16,295	49.5	9.7	4.7	11.7
First-line supervisors/managers of retail sales workers	3,471	43.3	7.3	5.2	10.4
First-line supervisors/managers of non retail sales workers	1,287	26.1	6.9	4.9	11.0
Cashiers	3,031	75.5	16.3	6.4	16.6
Counter and rental clerks	161	50.4	14.8	7.9	13.7
Parts salespersons	119	10.8	7.5	1.7	14.7
Retail salespersons	3,416	52.2	10.7	4.1	12.3
Advertising sales agents	216	54.7	10.3	2.2	8.4
Insurance sales agents	573	46.9	7.6	2.7	9.4
Securities, commodities, and financial services sales agents	388	27.9	7.2	5.1	9.2
Travel agents	98	71.6	9.8	10.3	6.4
Sales representatives, services, all other	521	34.4	8.9	4.5	8.8
Sales representatives, wholesale and manufacturing	1,343	27.3	3.9	3.8	8.6
Models, demonstrators, and product promoters	74	79.0	8.0	6.7	6.6
Real estate brokers and sales agents	962	54.4	7.2	3.5	8.6
Telemarketers	139	66.3	23.6	0.7	16.6
Door-to-door sales workers, news and street vendors, and related workers	243	62.2	9.5	3.7	14.4
Office and administrative support occupations ³	19,249	74.8	13.0	3.7	12.8
First-line supervisors/managers of office and administrative support workers	1,641	71.2	10.4	3.4	10.5
Bill and account collectors	232	68.0	20.0	2.2	18.2
Billing and posting clerks and machine operators	516	90.9	13.5	3.6	12.6
Bookkeeping, accounting, and auditing clerks	1,434	91.5	6.9	4.4	8.0
Payroll and timekeeping clerks	158	90.1	11.8	4.1	10.8
Tellers	466	84.8	12.3	6.1	15.8
Court, municipal, and license clerks	100	75.6	11.1	3.7	10.5
Customer service representatives	1,908	68.3	18.3	3.7	14.5
File clerks	364	83.8	15.5	4.4	12.0
Hotel, motel, and resort desk clerks	120	71.9	19.1	3.9	9.6
Interviewers, except eligibility and loan	146	82.2	18.4	1.9	17.7
Library assistants, clerical	107	83.8	8.9	4.5	5.7
Loan interviewers and clerks	122	84.7	7.1	2.4	18.3
Order clerks	112	58.8	11.8	1.5	18.0
Receptionists and information clerks	1,413	93.6	9.8	3.8	15.2
Reservation and transportation ticket agents and travel clerks	136	60.9	14.3	6.5	14.8
Couriers and messengers	261	17.4	13.9	1.7	21.1
Dispatchers	286	57.4	15.9	1.9	11.8
Postal service clerks	167	53.7	27.0	8.5	10.5
Postal service mail carriers	373	33.0	14.5	6.4	9.8
Postal service mail sorters, processors, and processing machine operators	90	42.7	34.1	10.9	11.4
Production, planning, and expediting clerks	269	58.2	8.9	3.7	7.3
Shipping, receiving, and traffic clerks	543	32.8	11.6	2.8	20.2
Stock clerks and order fillers	1,481	35.4	16.8	3.6	18.6
Secretaries and administrative assistants	3,296	96.1	8.1	2.3	9.6
Computer operators	134	51.4	19.9	4.3	5.1
Data entry keyers	415	77.3	17.6	5.2	12.9
Word processors and typists	149	92.9	17.3	3.6	13.1
Insurance claims and policy processing clerks	275	83.4	19.4	2.8	12.2
Mail clerks and mail machine operators, except postal service	123	49.0	20.8	7.1	12.9
Office clerks, general	1,176	84.4	15.4	4.7	14.1
Natural resources, construction, and maintenance occupations	14,806	4.2	6.9	1.9	25.0
Farming, fishing, and forestry occupations ³	988	21.1	4.5	1.7	39.3
Logging workers	73	1.0	5.9	—	12.3
Construction and extraction occupations ³	8,667	2.5	6.3	1.4	29.6
First-line supervisors/managers of construction trades and extraction workers	844	2.7	3.0	1.2	16.1
Brickmasons, blockmasons, and stonemasons	230	0.4	7.4	1.2	39.9
Carpenters	1,562	1.5	6.0	1.3	25.7

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	224	2.3	1.9	1.0	42.7
Cement masons, concrete finishers, and terrazzo workers	90	(-)	7.4	0.1	57.7
Construction laborers	1,651	3.1	7.7	1.9	44.1
Operating engineers and other construction equipment operators	398	1.5	5.1	0.5	17.4
Drywall installers, ceiling tile installers, and tapers	209	2.1	3.6	0.4	56.9
Electricians	874	1.0	5.9	2.7	16.2
Painters, construction and maintenance	647	6.3	7.3	2.2	40.1
Pipelayers, plumbers, pipefitters, and steamfitters	606	1.4	6.4	0.6	19.5
Roofers	234	1.3	8.4	0.4	42.9
Sheet metal workers	136	4.8	6.2	1.2	11.8
Structural iron and steel workers	77	0.9	2.2	0.3	14.4
Helpers, construction trades	113	4.1	18.1	0.3	41.3
Construction and building inspectors	93	9.5	9.2	1.6	5.4
Highway maintenance workers	103	1.9	17.2	(-)	10.2
Installation, maintenance, and repair occupations ³	5,152	3.9	8.5	2.8	14.5
First-line supervisors/managers of mechanics, installers, and repairers	300	8.0	6.7	1.0	8.7
Computer, automated teller, and office machine repairers	335	10.5	10.8	7.5	13.0
Radio and telecommunications equipment installers and repairers	200	11.4	13.7	4.4	11.8
Electronic home entertainment equipment installers and repairers	75	1.6	13.5	8.0	16.2
Aircraft mechanics and service technicians	153	1.7	5.5	6.4	13.8
Automotive body and related repairers	157	2.1	5.2	0.7	27.2
Automotive service technicians and mechanics	852	1.6	6.5	2.9	19.7
Bus and truck mechanics and diesel engine specialists	358	0.9	7.5	1.7	11.6
Heavy vehicle and mobile equipment service technicians and mechanics	217	1.1	5.0	0.4	10.5
Heating, air conditioning, and refrigeration mechanics and installers	397	2.0	8.6	2.2	13.2
Industrial and refractory machinery mechanics	439	2.6	8.8	3.0	13.0
Maintenance and repair workers, general	461	3.5	10.2	2.4	13.7
Electrical power-line installers and repairers	109	1.4	8.7	0.3	8.9
Telecommunications line installers and repairers	204	3.3	16.2	1.1	15.0
Production, transportation, and material occupations	17,800	22.4	14.5	3.8	20.4
Production occupations ³	8,973	29.7	12.2	5.2	21.1
First-line supervisors/managers of production and operating workers	874	18.1	9.5	5.0	14.9
Electrical, electronics, and electromechanical assemblers	203	57.8	12.2	17.5	19.4
Bakers	194	55.7	12.1	5.0	28.9
Butchers and other meat, poultry, and fish processing workers	309	26.8	14.6	6.7	38.4
Food batchmakers	73	53.5	11.7	6.2	29.0
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	105	20.2	9.1	4.0	22.0
Machinists	409	6.9	7.0	4.2	12.1
Tool and die makers	71	1.0	0.9	1.2	5.9
Welding, soldering, and brazing workers	598	4.7	8.7	3.7	21.0
Printing machine operators	213	19.8	9.1	2.9	20.5
Laundry and dry-cleaning workers	239	60.8	22.4	7.7	29.3
Sewing machine operators	226	78.2	9.4	14.1	36.8
Tailors, dressmakers, and sewers	71	84.2	6.1	12.2	24.4
Cabinetmakers and bench carpenters	85	6.5	2.8	5.7	13.0
Stationary engineers and boiler operators	101	1.7	13.1	2.4	7.2
Water and liquid waste treatment plant and system operators	71	8.6	12.3	(-)	7.0
Crushing, grinding, polishing, mixing, and blending workers	108	13.3	14.5	1.4	20.6
Cutting workers	80	26.7	8.0	5.1	27.4
Inspectors, testers, sorters, samplers, and weighers	751	41.3	13.4	5.8	14.2
Medical, dental, and ophthalmic laboratory technicians	95	56.9	6.2	6.9	13.8
Packaging and filling machine operators and tenders	261	51.5	15.0	5.0	42.5
Painting workers	183	13.6	13.2	1.1	26.2
Transportation and material-moving occupations ³	8,827	14.9	16.9	2.5	19.7
Supervisors, transportation and material-moving workers	208	20.5	14.4	5.5	12.0
Aircraft pilots and flight engineers	141	2.6	1.8	2.4	2.5
Bus drivers	651	49.0	30.4	1.8	12.2
Driver/sales workers and truck drivers	3,388	4.9	14.3	1.5	17.8
Taxi drivers and chauffeurs	373	13.3	26.3	10.5	18.9
Parking lot attendants	83	12.6	15.7	8.7	27.3
Service station attendants	87	14.8	10.3	4.4	12.4
Industrial truck and tractor operators	568	8.9	23.4	1.5	26.7
Cleaners of vehicles and equipment	317	9.5	17.4	0.9	28.8
Laborers and freight, stock, and material movers, hand	1,889	17.1	15.9	2.4	21.2
Packers and packagers, hand	391	58.1	15.3	4.6	43.7
Refuse and recyclable material collectors	98	14.0	16.4	2.4	31.1

- Represents or rounds to zero. ¹ 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. ² Persons of Hispanic or Latino ethnicity may be any race. ³ Includes other occupations not shown separately.