



B24124

**DETAILED OCCUPATION FOR THE FULL-TIME, YEAR-ROUND CIVILIAN EMPLOYED POPULATION
16 YEARS AND OVER**

Universe: Full-time, year-round civilian employed population 16 years and over

2013-2017 American Community Survey 5-Year Estimates

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Technical Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities, and towns and estimates of housing units for states and counties.

	United States	
	Estimate	Margin of Error
Total:	104,824,369	+/-60,985
Chief executives	1,055,250	+/-7,858
General and operations managers	862,669	+/-8,388
Legislators	13,542	+/-776
Advertising and promotions managers	43,408	+/-1,404
Marketing and sales managers	814,420	+/-7,525
Public relations and fundraising managers	50,504	+/-1,452
Administrative services managers	129,223	+/-2,898
Computer and information systems managers	540,889	+/-6,372
Financial managers	1,053,754	+/-9,860
Compensation and benefits managers	15,855	+/-833
Human resources managers	353,269	+/-5,033
Training and development managers	46,617	+/-1,645
Industrial production managers	224,914	+/-3,615
Purchasing managers	181,947	+/-3,215
Transportation, storage, and distribution managers	207,838	+/-3,697
Farmers, ranchers, and other agricultural managers	473,237	+/-4,485
Construction managers	552,425	+/-5,801
Education administrators	746,229	+/-8,169
Architectural and engineering managers	146,197	+/-2,605
Food service managers	780,226	+/-10,240
Funeral service managers	6,100	+/-534
Gaming managers	15,747	+/-794
Lodging managers	106,093	+/-2,402
Medical and health services managers	590,382	+/-5,645
Natural sciences managers	18,202	+/-793
Postmasters and mail superintendents	23,376	+/-949
Property, real estate, and community association managers	451,321	+/-5,140
Social and community service managers	298,326	+/-3,975
Emergency management directors	7,142	+/-580
Managers, all other	3,611,291	+/-15,118

	United States	
	Estimate	Margin of Error
Agents and business managers of artists, performers, and athletes	30,101	+/-1,320
Buyers and purchasing agents, farm products	7,582	+/-471
Wholesale and retail buyers, except farm products	143,959	+/-2,860
Purchasing agents, except wholesale, retail, and farm products	243,424	+/-3,820
Claims adjusters, appraisers, examiners, and investigators	272,739	+/-3,842
Compliance officers	212,821	+/-3,683
Cost estimators	117,006	+/-2,444
Human resources workers	643,462	+/-6,256
Compensation, benefits, and job analysis specialists	49,633	+/-1,458
Training and development specialists	110,697	+/-2,078
Logisticians	112,922	+/-1,994
Management analysts	621,817	+/-5,881
Meeting, convention, and event planners	86,508	+/-2,330
Fundraisers	70,827	+/-1,743
Market research analysts and marketing specialists	237,147	+/-3,822
Business operations specialists, all other	239,376	+/-3,694
Accountants and auditors	1,644,199	+/-14,003
Appraisers and assessors of real estate	73,785	+/-2,137
Budget analysts	42,761	+/-1,412
Credit analysts	25,759	+/-1,338
Financial analysts	167,507	+/-2,962
Personal financial advisors	316,406	+/-4,060
Insurance underwriters	98,936	+/-2,281
Financial examiners	12,302	+/-806
Credit counselors and loan officers	284,537	+/-3,702
Tax examiners and collectors, and revenue agents	48,586	+/-1,530
Tax preparers	52,733	+/-1,830
Financial specialists, all other	50,156	+/-1,620
Computer and information research scientists	16,609	+/-912
Computer systems analysts	457,861	+/-5,978
Information security analysts	66,394	+/-2,069
Computer programmers	378,588	+/-4,533
Software developers, applications and systems software	1,068,987	+/-11,822
Web developers	141,347	+/-2,565
Computer support specialists	518,125	+/-5,839
Database administrators	101,085	+/-2,137
Network and computer systems administrators	194,059	+/-3,511
Computer network architects	96,991	+/-2,364
Computer occupations, all other	505,141	+/-5,756
Actuaries	24,855	+/-1,093
Mathematicians	2,165	+/-322
Operations research analysts	127,563	+/-2,603
Statisticians	38,737	+/-1,331
Miscellaneous mathematical science occupations	3,496	+/-349
Architects, except naval	154,267	+/-2,975
Surveyors, cartographers, and photogrammetrists	29,276	+/-1,096
Aerospace engineers	115,555	+/-2,387
Agricultural engineers	2,584	+/-275
Biomedical engineers	12,393	+/-639
Chemical engineers	55,282	+/-1,820
Civil engineers	288,691	+/-4,343
Computer hardware engineers	48,638	+/-1,536
Electrical and electronics engineers	190,343	+/-3,056
Environmental engineers	26,027	+/-1,045
Industrial engineers, including health and safety	180,735	+/-3,198
Marine engineers and naval architects	11,671	+/-714
Materials engineers	34,430	+/-1,278

	United States	
	Estimate	Margin of Error
Mechanical engineers	230,512	+/-3,557
Mining and geological engineers, including mining safety engineers	8,882	+/-747
Nuclear engineers	5,930	+/-526
Petroleum engineers	24,974	+/-1,166
Engineers, all other	469,908	+/-5,888
Drafters	130,730	+/-2,704
Engineering technicians, except drafters	340,196	+/-4,356
Surveying and mapping technicians	51,425	+/-1,719
Agricultural and food scientists	20,477	+/-799
Biological scientists	64,722	+/-1,575
Conservation scientists and foresters	18,180	+/-850
Medical scientists	117,250	+/-2,774
Life scientists, all other	4,562	+/-383
Astronomers and physicists	9,295	+/-659
Atmospheric and space scientists	9,939	+/-742
Chemists and materials scientists	74,860	+/-1,795
Environmental scientists and geoscientists	62,915	+/-1,880
Physical scientists, all other	185,449	+/-3,652
Economists	22,296	+/-869
Survey researchers	1,166	+/-216
Psychologists	120,719	+/-2,382
Urban and regional planners	19,774	+/-976
Miscellaneous social scientists and related workers, including sociologists	28,958	+/-1,155
Agricultural and food science technicians	29,302	+/-1,131
Biological technicians	16,908	+/-855
Chemical technicians	56,897	+/-1,755
Geological and petroleum technicians	14,068	+/-871
Nuclear technicians	3,361	+/-387
Social science research assistants	2,586	+/-361
Miscellaneous life, physical, and social science technicians	125,810	+/-2,406
Counselors	527,367	+/-4,835
Social workers	684,915	+/-6,885
Probation officers and correctional treatment specialists	83,204	+/-2,297
Social and human service assistants	131,998	+/-2,448
Miscellaneous community and social service specialists, including health educators and community health workers	67,023	+/-1,815
Clergy	342,875	+/-4,283
Directors, religious activities and education	43,997	+/-1,518
Religious workers, all other	39,967	+/-1,468
Lawyers	886,690	+/-8,140
Judicial law clerks	11,549	+/-808
Judges, magistrates, and other judicial workers	57,166	+/-1,746
Paralegals and legal assistants	314,005	+/-4,100
Miscellaneous legal support workers	133,333	+/-2,615
Postsecondary teachers	877,234	+/-9,671
Preschool and kindergarten teachers	336,546	+/-3,970
Elementary and middle school teachers	2,395,419	+/-25,792
Secondary school teachers	540,315	+/-6,193
Special education teachers	172,816	+/-2,655
Other teachers and instructors	364,025	+/-4,065
Archivists, curators, and museum technicians	33,728	+/-1,250
Librarians	112,893	+/-2,654
Library technicians	14,959	+/-940
Teacher assistants	415,276	+/-5,478
Other education, training, and library workers, except teacher assistants	79,557	+/-1,936
Artists and related workers	118,880	+/-2,202
Designers	604,430	+/-6,055

	United States	
	Estimate	Margin of Error
Actors	12,568	+/-867
Producers and directors	119,107	+/-2,316
Athletes, coaches, umpires, and related workers	118,901	+/-2,583
Dancers and choreographers	6,911	+/-644
Musicians, singers, and related workers	63,280	+/-1,905
Entertainers and performers, sports and related workers, all other	17,056	+/-1,076
Announcers	25,555	+/-1,252
News analysts, reporters and correspondents	56,310	+/-1,863
Public relations specialists	102,344	+/-1,930
Editors	123,542	+/-2,695
Technical writers	45,326	+/-1,351
Writers and authors	131,779	+/-2,812
Miscellaneous media and communication workers	51,872	+/-1,886
Miscellaneous media and communications equipment workers, including broadcast and sound engineering technicians and radio operators	72,090	+/-1,885
Photographers	83,736	+/-2,243
Television, video, and motion picture camera operators and editors	35,500	+/-1,367
Chiropractors	37,994	+/-1,344
Dentists	98,638	+/-2,483
Dietitians and nutritionists	66,751	+/-2,015
Optometrists	26,968	+/-1,128
Pharmacists	213,715	+/-3,220
Physicians and surgeons	742,179	+/-6,984
Physician assistants	81,004	+/-1,943
Podiatrists	6,431	+/-581
Audiologists	11,826	+/-717
Occupational therapists	66,834	+/-1,850
Physical therapists	158,859	+/-2,889
Radiation therapists	13,890	+/-807
Recreational therapists	8,596	+/-632
Respiratory therapists	88,575	+/-1,761
Speech-language pathologists	89,352	+/-2,113
Miscellaneous therapists, including exercise physiologists	104,527	+/-2,376
Veterinarians	61,831	+/-1,634
Registered nurses	2,249,689	+/-12,723
Nurse anesthetists	23,004	+/-1,019
Nurse midwives	3,778	+/-415
Nurse practitioners	106,516	+/-2,536
Health diagnosing and treating practitioners, all other	12,962	+/-703
Clinical laboratory technologists and technicians	247,891	+/-3,548
Dental hygienists	69,734	+/-1,893
Diagnostic related technologists and technicians	260,730	+/-3,537
Emergency medical technicians and paramedics	161,273	+/-3,026
Health practitioner support technologists and technicians	421,049	+/-4,779
Licensed practical and licensed vocational nurses	562,107	+/-5,095
Medical records and health information technicians	133,243	+/-2,602
Opticians, dispensing	42,376	+/-1,641
Miscellaneous health technologists and technicians	99,152	+/-2,798
Other healthcare practitioners and technical occupations	93,489	+/-2,214
Nursing, psychiatric, and home health aides	1,253,265	+/-13,584
Occupational therapy assistants and aides	13,408	+/-803
Physical therapist assistants and aides	53,019	+/-1,381
Massage therapists	60,631	+/-1,982
Dental assistants	163,448	+/-3,312
Medical assistants	370,610	+/-4,390
Medical transcriptionists	26,774	+/-1,084

	United States	
	Estimate	Margin of Error
Pharmacy aides	24,811	+/-1,137
Veterinary assistants and laboratory animal caretakers	28,467	+/-1,298
Phlebotomists	79,707	+/-2,110
Healthcare support workers, all other, including medical equipment preparers	94,899	+/-2,455
First-line supervisors of correctional officers	53,981	+/-1,640
First-line supervisors of police and detectives	102,833	+/-2,496
First-line supervisors of fire fighting and prevention workers	46,301	+/-1,465
First-line supervisors of protective service workers, all other	68,884	+/-1,896
Firefighters	269,792	+/-4,409
Fire inspectors	17,902	+/-963
Bailiffs, correctional officers, and jailers	383,058	+/-5,093
Detectives and criminal investigators	119,582	+/-2,542
Fish and game wardens	4,313	+/-435
Parking enforcement workers	5,747	+/-517
Police and sheriff's patrol officers	681,358	+/-7,096
Transit and railroad police	1,973	+/-301
Animal control workers	9,086	+/-707
Private detectives and investigators	72,329	+/-1,664
Security guards and gaming surveillance officers	663,791	+/-6,827
Crossing guards	10,917	+/-766
Transportation security screeners	27,021	+/-1,355
Lifeguards and other recreational, and all other protective service workers	25,965	+/-1,245
Chefs and head cooks	327,365	+/-5,286
First-line supervisors of food preparation and serving workers	386,651	+/-5,267
Cooks	1,160,508	+/-13,690
Food preparation workers	328,695	+/-5,612
Bartenders	211,775	+/-5,242
Combined food preparation and serving workers, including fast food	130,689	+/-3,477
Counter attendants, cafeteria, food concession, and coffee shop	32,383	+/-1,477
Waiters and waitresses	713,094	+/-10,753
Food servers, nonrestaurant	76,913	+/-1,968
Dining room and cafeteria attendants and bartender helpers	93,799	+/-2,847
Dishwashers	107,096	+/-2,936
Hosts and hostesses, restaurant, lounge, and coffee shop	44,268	+/-1,640
Food preparation and serving related workers, all other	5,661	+/-712
First-line supervisors of housekeeping and janitorial workers	180,843	+/-3,357
First-line supervisors of landscaping, lawn service, and groundskeeping workers	121,017	+/-2,877
Janitors and building cleaners	1,527,394	+/-9,985
Maids and housekeeping cleaners	753,556	+/-9,120
Pest control workers	62,288	+/-1,988
Grounds maintenance workers	757,961	+/-9,456
First-line supervisors of gaming workers	27,514	+/-1,204
First-line supervisors of personal service workers	74,549	+/-2,238
Animal trainers	27,907	+/-1,323
Nonfarm animal caretakers	114,542	+/-2,484
Gaming services workers	64,931	+/-1,967
Motion picture projectionists	1,852	+/-326
Ushers, lobby attendants, and ticket takers	6,800	+/-657
Miscellaneous entertainment attendants and related workers	52,218	+/-1,761
Embalmers and funeral attendants	6,317	+/-527
Morticians, undertakers, and funeral directors	30,736	+/-1,318
Barbers	68,616	+/-1,918

	United States	
	Estimate	Margin of Error
Hairdressers, hairstylists, and cosmetologists	432,249	+/-5,555
Miscellaneous personal appearance workers	179,399	+/-5,127
Baggage porters, bellhops, and concierges	61,113	+/-1,924
Tour and travel guides	17,574	+/-1,117
Childcare workers	541,790	+/-5,533
Personal care aides	647,661	+/-7,590
Recreation and fitness workers	177,799	+/-3,329
Residential advisors	26,435	+/-1,371
Personal care and service workers, all other	63,873	+/-1,718
First-line supervisors of retail sales workers	2,612,310	+/-13,513
First-line supervisors of non-retail sales workers	1,082,770	+/-8,082
Cashiers	999,344	+/-10,967
Counter and rental clerks	48,514	+/-1,731
Parts salespersons	88,328	+/-1,893
Retail salespersons	1,695,992	+/-12,455
Advertising sales agents	141,314	+/-3,232
Insurance sales agents	441,526	+/-5,268
Securities, commodities, and financial services sales agents	211,029	+/-3,955
Travel agents	49,617	+/-1,491
Sales representatives, services, all other	533,394	+/-5,389
Sales representatives, wholesale and manufacturing	1,181,917	+/-8,533
Models, demonstrators, and product promoters	13,325	+/-935
Real estate brokers and sales agents	552,295	+/-6,093
Sales engineers	34,827	+/-1,445
Telemarketers	38,279	+/-1,793
Door-to-door sales workers, news and street vendors, and related workers	52,410	+/-1,889
Sales and related workers, all other	190,423	+/-3,020
First-line supervisors of office and administrative support workers	1,178,860	+/-9,197
Switchboard operators, including answering service	18,537	+/-924
Telephone operators	27,632	+/-1,351
Communications equipment operators, all other	6,988	+/-630
Bill and account collectors	133,146	+/-2,579
Billing and posting clerks	392,332	+/-4,420
Bookkeeping, accounting, and auditing clerks	843,798	+/-6,083
Gaming cage workers	6,140	+/-560
Payroll and timekeeping clerks	131,977	+/-2,914
Procurement clerks	30,442	+/-1,179
Tellers	221,108	+/-3,271
Financial clerks, all other	103,462	+/-2,330
Brokerage clerks	5,869	+/-468
Correspondence clerks	3,944	+/-491
Court, municipal, and license clerks	64,453	+/-1,562
Credit authorizers, checkers, and clerks	39,153	+/-1,563
Customer service representatives	1,719,331	+/-10,057
Eligibility interviewers, government programs	68,040	+/-1,534
File clerks	154,482	+/-3,238
Hotel, motel, and resort desk clerks	79,139	+/-2,356
Interviewers, except eligibility and loan	85,225	+/-2,268
Library assistants, clerical	33,837	+/-1,190
Loan interviewers and clerks	107,995	+/-2,527
New accounts clerks	13,229	+/-820
Order clerks	90,829	+/-2,360
Human resources assistants, except payroll and timekeeping	44,530	+/-1,468
Receptionists and information clerks	662,578	+/-6,085
Reservation and transportation ticket agents and travel clerks	90,461	+/-2,173
Information and record clerks, all other	76,766	+/-2,203

	United States	
	Estimate	Margin of Error
Cargo and freight agents	17,670	+/-978
Couriers and messengers	145,464	+/-2,986
Dispatchers	242,137	+/-3,798
Meter readers, utilities	23,696	+/-924
Postal service clerks	94,530	+/-2,016
Postal service mail carriers	266,192	+/-3,520
Postal service mail sorters, processors, and processing machine operators	55,420	+/-1,746
Production, planning, and expediting clerks	275,396	+/-4,106
Shipping, receiving, and traffic clerks	462,948	+/-5,038
Stock clerks and order fillers	862,717	+/-7,818
Weighers, measurers, checkers, and samplers, recordkeeping	61,915	+/-1,758
Secretaries and administrative assistants	2,294,966	+/-13,849
Computer operators	72,094	+/-1,890
Data entry keyers	229,962	+/-3,664
Word processors and typists	201,221	+/-4,662
Desktop publishers	2,014	+/-255
Insurance claims and policy processing clerks	313,036	+/-3,797
Mail clerks and mail machine operators, except postal service	52,365	+/-1,773
Office clerks, general	820,558	+/-6,511
Office machine operators, except computer	23,236	+/-1,134
Proofreaders and copy markers	6,235	+/-583
Statistical assistants	17,075	+/-868
Office and administrative support workers, all other	456,963	+/-5,155
First-line supervisors of farming, fishing, and forestry workers	49,677	+/-1,541
Agricultural inspectors	11,887	+/-845
Animal breeders	2,914	+/-365
Graders and sorters, agricultural products	34,453	+/-1,383
Miscellaneous agricultural workers	474,725	+/-7,296
Fishing and hunting workers	20,064	+/-944
Forest and conservation workers	9,204	+/-626
Logging workers	40,786	+/-1,428
First-line supervisors of construction trades and extraction workers	656,776	+/-5,786
Boilermakers	11,539	+/-738
Brickmasons, blockmasons, and stonemasons	86,815	+/-2,551
Carpenters	803,946	+/-9,122
Carpet, floor, and tile installers and finishers	104,522	+/-2,935
Cement masons, concrete finishers, and terrazzo workers	38,250	+/-1,644
Construction laborers	1,134,518	+/-11,420
Paving, surfacing, and tamping equipment operators	8,649	+/-614
Operating engineers and other construction equipment operators, including pile-driver operators	261,258	+/-3,713
Drywall installers, ceiling tile installers, and tapers	96,590	+/-3,071
Electricians	636,882	+/-5,382
Glaziers	34,355	+/-1,431
Insulation workers	34,825	+/-1,573
Painters, construction and maintenance	361,769	+/-5,881
Paperhangers	2,238	+/-326
Pipelayers, plumbers, pipefitters, and steamfitters	440,931	+/-5,514
Plasterers and stucco masons	19,170	+/-1,442
Reinforcing iron and rebar workers	5,339	+/-705
Roofers	129,107	+/-3,381
Sheet metal workers	99,423	+/-2,079
Structural iron and steel workers	46,255	+/-1,548
Helpers, construction trades	26,715	+/-1,376
Construction and building inspectors	72,027	+/-1,694

	United States	
	Estimate	Margin of Error
Elevator installers and repairers	21,859	+/-1,185
Fence erectors	19,083	+/-982
Hazardous materials removal workers	24,536	+/-1,130
Highway maintenance workers	84,710	+/-2,149
Rail-track laying and maintenance equipment operators	10,549	+/-763
Septic tank servicers and sewer pipe cleaners	8,027	+/-690
Miscellaneous construction and related workers, including solar photovoltaic installers	35,303	+/-1,556
Derrick, rotary drill, and service unit operators, oil, gas, and mining	24,505	+/-1,169
Earth drillers, except oil and gas	21,271	+/-1,122
Explosives workers, ordnance handling experts, and blasters	9,000	+/-701
Mining machine operators	53,647	+/-1,575
Roof bolters, mining	2,511	+/-328
Roustabouts, oil and gas	7,691	+/-640
Helpers--extraction workers	2,825	+/-396
Other extraction workers	50,850	+/-1,767
First-line supervisors of mechanics, installers, and repairers	247,667	+/-3,363
Computer, automated teller, and office machine repairers	154,751	+/-2,750
Radio and telecommunications equipment installers and repairers	138,316	+/-3,035
Avionics technicians	15,846	+/-1,013
Electric motor, power tool, and related repairers	21,049	+/-1,128
Electrical and electronics installers and repairers, transportation equipment	1,352	+/-252
Electrical and electronics repairers, industrial and utility	10,784	+/-687
Electronic equipment installers and repairers, motor vehicles	8,674	+/-699
Electronic home entertainment equipment installers and repairers	32,946	+/-1,244
Security and fire alarm systems installers	47,691	+/-1,662
Aircraft mechanics and service technicians	141,148	+/-3,104
Automotive body and related repairers	118,961	+/-2,567
Automotive glass installers and repairers	14,811	+/-940
Automotive service technicians and mechanics	710,511	+/-6,406
Bus and truck mechanics and diesel engine specialists	261,630	+/-3,467
Heavy vehicle and mobile equipment service technicians and mechanics	182,682	+/-3,360
Small engine mechanics	33,406	+/-1,292
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	56,292	+/-1,712
Control and valve installers and repairers	17,692	+/-903
Heating, air conditioning, and refrigeration mechanics and installers	312,956	+/-4,445
Home appliance repairers	30,438	+/-1,101
Industrial and refractory machinery mechanics	344,038	+/-4,126
Maintenance and repair workers, general	447,894	+/-4,309
Maintenance workers, machinery	25,905	+/-1,122
Millwrights	37,346	+/-1,419
Electrical power-line installers and repairers	104,797	+/-2,326
Telecommunications line installers and repairers	125,136	+/-2,595
Precision instrument and equipment repairers	50,903	+/-1,896
Coin, vending, and amusement machine servicers and repairers	26,920	+/-1,265
Commercial divers	2,592	+/-433
Locksmiths and safe repairers	18,511	+/-944
Manufactured building and mobile home installers	3,781	+/-477
Riggers	10,249	+/-708
Signal and track switch repairers	3,989	+/-436
Helpers--installation, maintenance, and repair workers	13,686	+/-903

	United States	
	Estimate	Margin of Error
Other installation, maintenance, and repair workers, including wind turbine service technicians	194,842	+/-3,481
First-line supervisors of production and operating workers	833,256	+/-6,601
Aircraft structure, surfaces, rigging, and systems assemblers	5,548	+/-545
Electrical, electronics, and electromechanical assemblers	106,485	+/-2,312
Engine and other machine assemblers	10,928	+/-729
Structural metal fabricators and fitters	22,423	+/-1,146
Miscellaneous assemblers and fabricators	798,321	+/-7,678
Bakers	139,383	+/-3,521
Butchers and other meat, poultry, and fish processing workers	202,610	+/-4,027
Food and tobacco roasting, baking, and drying machine operators and tenders	7,061	+/-554
Food batchmakers	58,432	+/-1,912
Food cooking machine operators and tenders	6,032	+/-528
Food processing workers, all other	106,532	+/-2,546
Computer control programmers and operators	80,400	+/-1,906
Extruding and drawing machine setters, operators, and tenders, metal and plastic	10,430	+/-622
Forging machine setters, operators, and tenders, metal and plastic	6,661	+/-557
Rolling machine setters, operators, and tenders, metal and plastic	9,117	+/-721
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	72,317	+/-1,540
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	3,523	+/-455
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	39,125	+/-1,410
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	7,875	+/-624
Milling and planing machine setters, operators, and tenders, metal and plastic	1,785	+/-302
Machinists	316,559	+/-3,793
Metal furnace operators, tenders, pourers, and casters	20,725	+/-912
Model makers and patternmakers, metal and plastic	5,089	+/-529
Molders and molding machine setters, operators, and tenders, metal and plastic	34,683	+/-1,108
Multiple machine tool setters, operators, and tenders, metal and plastic	3,033	+/-363
Tool and die makers	51,712	+/-1,537
Welding, soldering, and brazing workers	500,050	+/-5,391
Heat treating equipment setters, operators, and tenders, metal and plastic	6,151	+/-513
Layout workers, metal and plastic	6,007	+/-542
Plating and coating machine setters, operators, and tenders, metal and plastic	13,549	+/-801
Tool grinders, filers, and sharpeners	4,958	+/-520
Metal workers and plastic workers, all other	328,354	+/-4,621
Prepress technicians and workers	21,040	+/-1,131
Printing workers, except prepress technicians and workers	161,124	+/-2,923
Laundry and dry-cleaning workers	115,654	+/-2,574
Pressers, textile, garment, and related materials	25,258	+/-1,383
Sewing machine operators	129,882	+/-2,946
Shoe and leather workers and repairers	7,289	+/-599
Shoe machine operators and tenders	2,967	+/-348
Tailors, dressmakers, and sewers	42,002	+/-1,393
Textile bleaching and dyeing machine operators and tenders	2,216	+/-384
Textile cutting machine setters, operators, and tenders	4,916	+/-499
Textile knitting and weaving machine setters, operators, and tenders	6,768	+/-572
Textile winding, twisting, and drawing out machine setters, operators, and tenders	9,537	+/-824

	United States	
	Estimate	Margin of Error
Fabric and apparel patternmakers	2,335	+/-280
Upholsterers	24,811	+/-1,134
Miscellaneous textile, apparel, and furnishings workers, including extruding and forming machine setters, operators, and tenders, synthetic and glass fibers	12,771	+/-1,014
Cabinetmakers and bench carpenters	41,915	+/-1,456
Furniture finishers	9,042	+/-681
Sawing machine setters, operators, and tenders, wood	24,878	+/-1,122
Woodworking machine setters, operators, and tenders, except sawing	16,050	+/-821
Miscellaneous woodworkers, including model makers and patternmakers	20,945	+/-885
Power plant operators, distributors, and dispatchers	44,044	+/-1,450
Stationary engineers and boiler operators	77,433	+/-1,979
Water and wastewater treatment plant and system operators	79,599	+/-2,150
Miscellaneous plant and system operators	39,077	+/-1,500
Chemical processing machine setters, operators, and tenders	50,781	+/-1,787
Crushing, grinding, polishing, mixing, and blending workers	73,011	+/-1,924
Cutting workers	49,397	+/-1,598
Extruding, forming, pressing, and compacting machine setters, operators, and tenders	24,004	+/-1,149
Furnace, kiln, oven, drier, and kettle operators and tenders	10,824	+/-761
Inspectors, testers, sorters, samplers, and weighers	653,234	+/-5,104
Jewelers and precious stone and metal workers	25,571	+/-1,085
Medical, dental, and ophthalmic laboratory technicians	61,593	+/-1,593
Packaging and filling machine operators and tenders	203,198	+/-4,059
Painting workers	119,331	+/-2,541
Photographic process workers and processing machine operators	20,802	+/-1,195
Semiconductor processors	1,768	+/-284
Adhesive bonding machine operators and tenders	7,500	+/-694
Cleaning, washing, and metal pickling equipment operators and tenders	4,787	+/-501
Cooling and freezing equipment operators and tenders	2,292	+/-408
Etchers and engravers	7,479	+/-651
Molders, shapers, and casters, except metal and plastic	23,084	+/-947
Paper goods machine setters, operators, and tenders	20,735	+/-912
Tire builders	12,933	+/-780
Helpers--production workers	26,423	+/-1,196
Production workers, all other	958,853	+/-6,863
Supervisors of transportation and material moving workers	192,266	+/-3,437
Aircraft pilots and flight engineers	96,273	+/-2,073
Air traffic controllers and airfield operations specialists	32,876	+/-1,515
Flight attendants	51,399	+/-1,709
Ambulance drivers and attendants, except emergency medical technicians	9,400	+/-866
Bus drivers	276,016	+/-4,562
Driver/sales workers and truck drivers	2,616,415	+/-16,688
Taxi drivers and chauffeurs	264,343	+/-5,547
Motor vehicle operators, all other	18,935	+/-913
Locomotive engineers and operators	44,804	+/-1,391
Railroad brake, signal, and switch operators	4,044	+/-425
Railroad conductors and yardmasters	45,008	+/-1,465
Subway, streetcar, and other rail transportation workers	13,116	+/-863
Sailors and marine oilers	14,716	+/-894

	United States	
	Estimate	Margin of Error
Ship and boat captains and operators	26,267	+/-1,230
Ship engineers	3,542	+/-441
Bridge and lock tenders	3,411	+/-428
Parking lot attendants	43,620	+/-1,817
Automotive and watercraft service attendants	56,975	+/-2,084
Transportation inspectors	39,861	+/-1,613
Transportation attendants, except flight attendants	13,357	+/-913
Other transportation workers	17,974	+/-1,017
Conveyor operators and tenders	4,389	+/-520
Crane and tower operators	53,488	+/-1,741
Dredge, excavating, and loading machine operators	26,666	+/-1,246
Hoist and winch operators	6,392	+/-616
Industrial truck and tractor operators	474,612	+/-5,213
Cleaners of vehicles and equipment	216,189	+/-4,364
Laborers and freight, stock, and material movers, hand	1,321,358	+/-10,803
Machine feeders and offbearers	18,398	+/-979
Packers and packagers, hand	286,068	+/-5,017
Pumping station operators	23,047	+/-1,122
Refuse and recyclable material collectors	67,060	+/-2,527
Mine shuttle car operators	765	+/-200
Tank car, truck, and ship loaders	4,313	+/-474
Material moving workers, all other	34,127	+/-1,302

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

Occupation codes are 4-digit codes and are based on Standard Occupational Classification 2010.

While the 2013-2017 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural populations, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

Explanation of Symbols:

1. An '***' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
2. An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
4. An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
5. An '***' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
6. An '*****' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
8. An '(X)' means that the estimate is not applicable or not available.