

BusinessCounts

Occupation Classification



1 Management Occupations

11-10XX Chief executives and legislators
11-1021 General and operations managers
11-2011 Advertising and promotions managers
11-2020 Marketing and sales managers
11-2031 Public relations and fundraising managers
11-3011 Administrative services managers
11-3021 Computer and information systems managers
11-3031 Financial managers
11-3111 Compensation and benefits managers
11-3121 Human resources managers
11-3131 Training and development managers
11-3051 Industrial production managers
11-3061 Purchasing managers
11-3071 Transportation, storage, and distribution managers
11-9013 Farmers, ranchers, and other agricultural managers
11-9021 Construction managers
11-9030 Education administrators
11-9041 Architectural and engineering managers
11-9051 Food service managers
11-9071 Gaming managers
11-9081 Lodging managers
11-9111 Medical and health services managers
11-9121 Natural sciences managers
11-9141 Property, real estate, and community association managers
11-9151 Social and community service managers
11-9161 Emergency management directors
11-9XXX Miscellaneous managers, including funeral service managers and postmasters and mail superintendents

2 Business and Financial Operations

13-1011 Agents and business managers of artists, performers, and athletes
13-1021 Buyers and purchasing agents, farm products
13-1022 Wholesale and retail buyers, except farm products
13-1023 Purchasing agents, except wholesale, retail, and farm products
13-1030 Claims adjusters, appraisers, examiners, and investigators
13-1041 Compliance officers
13-1051 Cost estimators
13-1070 Human resources workers
13-1141 Compensation, benefits, and job analysis specialists
13-1151 Training and development specialists
13-1081 Logisticians
13-1111 Management analysts

BusinessCounts

Occupation Classification



13-1121 Meeting, convention, and event planners
13-1131 Fundraisers
13-1161 Market research analysts and marketing specialists
13-1199 Business operations specialists, all other
13-2011 Accountants and auditors
13-2021 Appraisers and assessors of real estate
13-2031 Budget analysts
13-2041 Credit analysts
13-2051 Financial analysts
13-2052 Personal financial advisors
13-2053 Insurance underwriters
13-2061 Financial examiners
13-2070 Credit counselors and loan officers
13-2081 Tax examiners and collectors, and revenue agents
13-2082 Tax preparers
13-2099 Financial specialists, all other

3 Computer and Mathematical Occupations

15-1111 Computer and information research scientists
15-1121 Computer systems analysts
15-1122 Information security analysts
15-1131 Computer programmers
15-113X Software developers, applications and systems software
15-1134 Web developers
15-1150 Computer support specialists
15-1141 Database administrators
15-1142 Network and computer systems administrators
15-1143 Computer network architects
15-1199 Computer occupations, all other
15-2011 Actuaries
15-2031 Operations research analysts
15-20XX Miscellaneous mathematical science occupations, including mathematicians and statisticians

4 Architecture and Engineering

17-1010 Architects, except naval
17-1020 Surveyors, cartographers, and photogrammetrists
17-2011 Aerospace engineers
17-20XX Biomedical and agricultural engineers
17-2041 Chemical engineers
17-2051 Civil engineers
17-2061 Computer hardware engineers
17-2070 Electrical and electronics engineers

BusinessCounts

Occupation Classification



5 Life, Physical, and Social Science Occupations

17-2081 Environmental engineers
17-2110 Industrial engineers, including health and safety
17-2121 Marine engineers and naval architects
17-2131 Materials engineers
17-2141 Mechanical engineers
17-21XX Petroleum, mining and geological engineers, including mining
safety engineers
17-21YY Miscellaneous engineers, including nuclear engineers
17-3010 Drafters
17-3020 Engineering technicians, except drafters
17-3031 Surveying and mapping technicians

19-1010 Agricultural and food scientists
19-1020 Biological scientists
19-1030 Conservation scientists and foresters
19-10XX Medical scientists, and life scientists, all other
19-2010 Astronomers and physicists
19-2021 Atmospheric and space scientists
19-2030 Chemists and materials scientists
19-2040 Environmental scientists and geoscientists
19-2099 Physical scientists, all other
19-3011 Economists
19-3030 Psychologists
19-3051 Urban and regional planners
19-30XX Miscellaneous social scientists, including survey researchers and
sociologists
19-4011 Agricultural and food science technicians
19-4021 Biological technicians
19-4031 Chemical technicians
19-40XX Geological and petroleum technicians, and nuclear technicians
19-40YY Miscellaneous life, physical, and social science technicians,
including social science research assistants

6 Community and Social Service Occupations

21-1010 Counselors
21-1020 Social workers
21-1092 Probation officers and correctional treatment specialists
21-1093 Social and human service assistants
21-109X Miscellaneous community and social service specialists, including
health educators and community health workers
21-2011 Clergy
21-2021 Directors, religious activities and education

BusinessCounts

Occupation Classification



7 Legal Occupations

21-2099 Religious workers, all other

23-10XX Lawyers, and judges, magistrates, and other judicial workers
23-1012 Judicial law clerks
23-2011 Paralegals and legal assistants
23-2090 Miscellaneous legal support workers

8 Education, Training, and Library Occupations

25-1000 Postsecondary teachers
25-2010 Preschool and kindergarten teachers
25-2020 Elementary and middle school teachers
25-2030 Secondary school teachers
25-2050 Special education teachers
25-3000 Other teachers and instructors
25-4010 Archivists, curators, and museum technicians
25-4021 Librarians
25-4031 Library technicians
25-9041 Teacher assistants
25-90XX Other education, training, and library workers

9 Arts, Design, Entertainment, Sports and Media Occupations

27-1010 Artists and related workers
27-1020 Designers
27-2011 Actors
27-2012 Producers and directors
27-2020 Athletes, coaches, umpires, and related workers
27-2030 Dancers and choreographers
27-2040 Musicians, singers, and related workers
27-2099 Entertainers and performers, sports and related workers, all other
27-3010 Announcers
27-3020 News analysts, reporters and correspondents
27-3031 Public relations specialists
27-3041 Editors
27-3042 Technical writers
27-3043 Writers and authors
27-3090 Miscellaneous media and communication workers
27-40XX Broadcast & sound engineering technicians & radio operators, and media and communication equipment workers, all
27-4021 Photographers
27-4030 Television, video, and motion picture camera operators and editors

BusinessCounts

Occupation Classification



10 Health Diagnosing and Treating Practitioners

29-1011 Chiropractors
29-1020 Dentists
29-1031 Dietitians and nutritionists
29-1041 Optometrists
29-1051 Pharmacists
29-1060 Physicians and surgeons
29-1071 Physician assistants
29-1081 Podiatrists
29-1181 Audiologists
29-1122 Occupational therapists
29-1123 Physical therapists
29-1124 Radiation therapists
29-1125 Recreational therapists
29-1126 Respiratory therapists
29-1127 Speech-language pathologists
29-112X Other therapists, including exercise physiologists
29-1131 Veterinarians
29-1141 Registered nurses
29-1151 Nurse anesthetists
29-11XX Nurse practitioners and nurse midwives
29-1199 Health diagnosing and treating practitioners, all other

11 Health Technologists and Technicians

29-2010 Clinical laboratory technologists and technicians
29-2021 Dental hygienists
29-2030 Diagnostic related technologists and technicians
29-2041 Emergency medical technicians and paramedics
29-2050 Health practitioner support technologists and technicians
29-2061 Licensed practical and licensed vocational nurses
29-2071 Medical records and health information technicians
29-2081 Opticians, dispensing
29-2090 Miscellaneous health technologists and technicians
29-9000 Other healthcare practitioners and technical occupations

12 Healthcare Support

31-1010 Nursing, psychiatric, and home health aides
31-2010 Occupational therapy assistants and aides
31-2020 Physical therapist assistants and aides
31-9011 Massage therapists
31-9091 Dental assistants
31-9092 Medical assistants
31-9094 Medical transcriptionists
31-9095 Pharmacy aides

BusinessCounts

Occupation Classification



13 Protective Services

31-9096 Veterinary assistants and laboratory animal caretakers
31-9097 Phlebotomists
31-909X Healthcare support workers, all other, including medical equipment preparers

33-1011 First-line supervisors of correctional officers
33-1012 First-line supervisors of police and detectives
33-1021 First-line supervisors of fire fighting and prevention workers
33-1099 First-line supervisors of protective service workers, all other
33-2011 Firefighters
33-2020 Fire inspectors
33-3010 Bailiffs, correctional officers, and jailers
33-3021 Detectives and criminal investigators
33-30XX Miscellaneous law enforcement workers
33-3050 Police officers
33-9011 Animal control workers
33-9021 Private detectives and investigators
33-9030 Security guards and gaming surveillance officers
33-9091 Crossing guards
33-9093 Transportation security screeners
33-909X Lifeguards and other recreational, and all other protective service workers

14 Food Preparation and Serving

35-1011 Chefs and head cooks
35-1012 First-line supervisors of food preparation and serving workers
35-2010 Cooks
35-2021 Food preparation workers
35-3011 Bartenders
35-3021 Combined food preparation and serving workers, including fast food
35-3022 Counter attendants, cafeteria, food concession, and coffee shop
35-3031 Waiters and waitresses
35-3041 Food servers, nonrestaurant
35-90XX Miscellaneous food preparation & serving related workers, including dining room and cafeteria attendants and barte
35-9021 Dishwashers
35-9031 Hosts and hostesses, restaurant, lounge, and coffee shop

15 Building and Grounds

37-1011 First-line supervisors of housekeeping and janitorial workers
37-1012 First-line supervisors of landscaping, lawn service, and groundskeeping workers

BusinessCounts

Occupation Classification



Maintenance

37-201X Janitors and building cleaners
37-2012 Maids and housekeeping cleaners
37-2021 Pest control workers
37-3010 Grounds maintenance workers

16 Personal Care and Service Occupations

39-1010 First-line supervisors of gaming workers
39-1021 First-line supervisors of personal service workers
39-2011 Animal trainers
39-2021 Nonfarm animal caretakers
39-3010 Gaming services workers
39-3021 Motion picture projectionists
39-3031 Ushers, lobby attendants, and ticket takers
39-3090 Miscellaneous entertainment attendants and related workers
39-40XX Embalmers and funeral attendants
39-4031 Morticians, undertakers, and funeral directors
39-5011 Barbers
39-5012 Hairdressers, hairstylists, and cosmetologists
39-5090 Miscellaneous personal appearance workers
39-6010 Baggage porters, bellhops, and concierges
39-7010 Tour and travel guides
39-9011 Childcare workers
39-9021 Personal care aides
39-9030 Recreation and fitness workers
39-9041 Residential advisors
39-9099 Personal care and service workers, all other

17 Sales Occupations

41-1011 First-line supervisors of retail sales workers
41-1012 First-line supervisors of non-retail sales workers
41-2010 Cashiers
41-2021 Counter and rental clerks
41-2022 Parts salespersons
41-2031 Retail salespersons
41-3011 Advertising sales agents
41-3021 Insurance sales agents
41-3031 Securities, commodities, and financial services sales agents
41-3041 Travel agents
41-3099 Sales representatives, services, all other
41-4010 Sales representatives, wholesale and manufacturing
41-9010 Models, demonstrators, and product promoters
41-9020 Real estate brokers and sales agents
41-9031 Sales engineers

BusinessCounts

Occupation Classification



18 Office And Administrative Support

41-9041 Telemarketers
41-9091 Door-to-door sales workers, news and street vendors, and related workers
41-9099 Sales and related workers, all other

43-1011 First-line supervisors of office and administrative support workers
43-2011 Switchboard operators, including answering service
43-2021 Telephone operators
43-2099 Communications equipment operators, all other
43-3011 Bill and account collectors
43-3021 Billing and posting clerks
43-3031 Bookkeeping, accounting, and auditing clerks
43-3041 Gaming cage workers
43-3051 Payroll and timekeeping clerks
43-3061 Procurement clerks
43-3071 Tellers
43-3099 Financial clerks, all other
43-4011 Brokerage clerks
43-4031 Court, municipal, and license clerks
43-4041 Credit authorizers, checkers, and clerks
43-4051 Customer service representatives
43-4061 Eligibility interviewers, government programs
43-4071 File clerks
43-4081 Hotel, motel, and resort desk clerks
43-4111 Interviewers, except eligibility and loan
43-4121 Library assistants, clerical
43-4131 Loan interviewers and clerks
43-4141 New accounts clerks
43-4XXX Correspondence clerks and order clerks
43-4161 Human resources assistants, except payroll and timekeeping
43-4171 Receptionists and information clerks
43-4181 Reservation and transportation ticket agents and travel clerks
43-4199 Information and record clerks, all other
43-5011 Cargo and freight agents
43-5021 Couriers and messengers
43-5030 Dispatchers
43-5041 Meter readers, utilities
43-5051 Postal service clerks
43-5052 Postal service mail carriers
43-5053 Postal service mail sorters, processors, and processing machine operators

BusinessCounts

Occupation Classification



43-5061 Production, planning, and expediting clerks
43-5071 Shipping, receiving, and traffic clerks
43-5081 Stock clerks and order fillers
43-5111 Weighers, measurers, checkers, and samplers, recordkeeping
43-6010 Secretaries and administrative assistants
43-9011 Computer operators
43-9021 Data entry keyers
43-9022 Word processors and typists
43-9041 Insurance claims and policy processing clerks
43-9051 Mail clerks and mail machine operators, except postal service
43-9061 Office clerks, general
43-9071 Office machine operators, except computer
43-9081 Proofreaders and copy markers
43-9111 Statistical assistants
43-9XXX Miscellaneous office and administrative support workers, including desktop publishers

19 Farming, Fishing, And Forestry Occupations

45-1011 First-line supervisors of farming, fishing, and forestry workers
45-2011 Agricultural inspectors
45-2041 Graders and sorters, agricultural products
45-20XX Miscellaneous agricultural workers, including animal breeders
45-3000 Fishing and hunting workers
45-4011 Forest and conservation workers
45-4020 Logging workers

20 Construction and Extraction Occupations

47-1011 First-line supervisors of construction trades and extraction workers
47-2011 Boilermakers
47-2020 Brickmasons, blockmasons, and stonemasons
47-2031 Carpenters
47-2040 Carpet, floor, and tile installers and finishers
47-2050 Cement masons, concrete finishers, and terrazzo workers
47-2061 Construction laborers
47-2071 Paving, surfacing, and tamping equipment operators
47-207X Construction equipment operators except paving, surfacing, and tamping equipment operators
47-2080 Drywall installers, ceiling tile installers, and tapers
47-2111 Electricians
47-2121 Glaziers
47-2130 Insulation workers
47-2141 Painters, construction and maintenance
47-2142 Paperhangers

BusinessCounts

Occupation Classification



47-2150 Pipelayers, plumbers, pipefitters, and steamfitters
47-2161 Plasterers and stucco masons
47-2171 Reinforcing iron and rebar workers
47-2181 Roofers
47-2211 Sheet metal workers
47-2221 Structural iron and steel workers
47-3010 Helpers, construction trades
47-4011 Construction and building inspectors
47-4021 Elevator installers and repairers
47-4031 Fence erectors
47-4041 Hazardous materials removal workers
47-4051 Highway maintenance workers
47-4061 Rail-track laying and maintenance equipment operators
47-XXXX Miscellaneous construction workers, including solar photovoltaic installers, septic tank servicers and sewer pipe cl
47-50YY Derrick, rotary drill, and service unit operators, and roustabouts, oil, gas, and mining
47-5021 Earth drillers, except oil and gas
47-5031 Explosives workers, ordnance handling experts, and blasters
47-5040 Mining machine operators
47-50XX Miscellaneous extraction workers, including roof bolters and helpers

21 Installation, Maintenance & Repair Workers

49-1011 First-line supervisors of mechanics, installers, and repairers
49-2011 Computer, automated teller, and office machine repairers
49-2020 Radio and telecommunications equipment installers and repairers
49-2091 Avionics technicians
49-2092 Electric motor, power tool, and related repairers
49-209X Electrical and electronics repairers, transportation equipment, and industrial and utility
49-2096 Electronic equipment installers and repairers, motor vehicles
49-2097 Electronic home entertainment equipment installers and repairers
49-2098 Security and fire alarm systems installers
49-3011 Aircraft mechanics and service technicians
49-3021 Automotive body and related repairers
49-3022 Automotive glass installers and repairers
49-3023 Automotive service technicians and mechanics
49-3031 Bus and truck mechanics and diesel engine specialists
49-3040 Heavy vehicle and mobile equipment service technicians and mechanics
49-3050 Small engine mechanics

BusinessCounts

Occupation Classification



49-3090 Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers
49-9010 Control and valve installers and repairers
49-9021 Heating, air conditioning, and refrigeration mechanics and installers
49-9031 Home appliance repairers
49-904X Industrial and refractory machinery mechanics
49-9071 Maintenance and repair workers, general
49-9043 Maintenance workers, machinery
49-9044 Millwrights
49-9051 Electrical power-line installers and repairers
49-9052 Telecommunications line installers and repairers
49-9060 Precision instrument and equipment repairers
49-9091 Coin, vending, and amusement machine servicers and repairers
49-9094 Locksmiths and safe repairers
49-9095 Manufactured building and mobile home installers
49-9096 Riggers
49-9098 Helpers--installation, maintenance, and repair workers
49-909X Other installation, maintenance, and repair workers, including wind turbine service technicians, and commercial dive

22 Production Workers

51-1011 First-line supervisors of production and operating workers
51-2011 Aircraft structure, surfaces, rigging, and systems assemblers
51-2020 Electrical, electronics, and electromechanical assemblers
51-2031 Engine and other machine assemblers
51-2041 Structural metal fabricators and fitters
51-2090 Miscellaneous assemblers and fabricators
51-3011 Bakers
51-3020 Butchers and other meat, poultry, and fish processing workers
51-3091 Food and tobacco roasting, baking, and drying machine operators and tenders
51-3092 Food batchmakers
51-3093 Food cooking machine operators and tenders
51-3099 Food processing workers, all other
51-4010 Computer control programmers and operators
51-4021 Extruding and drawing machine setters, operators, and tenders, metal and plastic
51-4022 Forging machine setters, operators, and tenders, metal and plastic
51-4023 Rolling machine setters, operators, and tenders, metal and plastic
51-4031 Cutting, punching, and press machine setters, operators, and tenders, metal and plastic

BusinessCounts

Occupation Classification



51-4032 Drilling and boring machine tool setters, operators, and tenders, metal and plastic
51-4033 Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic
51-4034 Lathe and turning machine tool setters, operators, and tenders, metal and plastic
51-4041 Machinists
51-4050 Metal furnace operators, tenders, pourers, and casters
51-4060 Model makers and patternmakers, metal and plastic
51-4070 Molders and molding machine setters, operators, and tenders, metal and plastic
51-4111 Tool and die makers
51-4120 Welding, soldering, and brazing workers
51-4191 Heat treating equipment setters, operators, and tenders, metal and plastic
51-4193 Plating and coating machine setters, operators, and tenders, metal and plastic
51-4194 Tool grinders, filers, and sharpeners
51-4XXX Miscellaneous metal workers and plastic workers, including milling & planing machine setters, and multiple machine
51-5111 Prepress technicians and workers
51-5112 Printing press operators
51-5113 Print binding and finishing workers
51-6011 Laundry and dry-cleaning workers
51-6021 Pressers, textile, garment, and related materials
51-6031 Sewing machine operators
51-6041 Shoe and leather workers and repairers
51-6042 Shoe machine operators and tenders
51-6050 Tailors, dressmakers, and sewers
51-606X Textile bleaching and dyeing, and cutting machine setters, operators, and tenders
51-6063 Textile knitting and weaving machine setters, operators, and tenders
51-6064 Textile winding, twisting, and drawing out machine setters, operators, and tenders
51-6093 Upholsterers
51-609X Miscellaneous textile, apparel, and furnishings workers except upholsterers
51-7011 Cabinetmakers and bench carpenters
51-7021 Furniture finishers
51-7041 Sawing machine setters, operators, and tenders, wood

BusinessCounts

Occupation Classification



51-7042 Woodworking machine setters, operators, and tenders, except sawing
51-70XX Miscellaneous woodworkers, including model makers and patternmakers
51-8010 Power plant operators, distributors, and dispatchers
51-8021 Stationary engineers and boiler operators
51-8031 Water and wastewater treatment plant and system operators
51-8090 Miscellaneous plant and system operators
51-9010 Chemical processing machine setters, operators, and tenders
51-9020 Crushing, grinding, polishing, mixing, and blending workers
51-9030 Cutting workers
51-9041 Extruding, forming, pressing, and compacting machine setters, operators, and tenders
51-9051 Furnace, kiln, oven, drier, and kettle operators and tenders
51-9061 Inspectors, testers, sorters, samplers, and weighers
51-9071 Jewelers and precious stone and metal workers
51-9080 Medical, dental, and ophthalmic laboratory technicians
51-9111 Packaging and filling machine operators and tenders
51-9120 Painting workers
51-9151 Photographic process workers and processing machine operators
51-9191 Adhesive bonding machine operators and tenders
51-9192 Cleaning, washing, and metal pickling equipment operators and tenders
51-9194 Etchers and engravers
51-9195 Molders, shapers, and casters, except metal and plastic
51-9196 Paper goods machine setters, operators, and tenders
51-9197 Tire builders
51-9198 Helpers--production workers
51-91XX Other production workers, including semiconductor processors and cooling and freezing equipment operators

23 Transportation Occupations

53-1000 Supervisors of transportation and material moving workers
53-2010 Aircraft pilots and flight engineers
53-2020 Air traffic controllers and airfield operations specialists
53-2031 Flight attendants
53-3011 Ambulance drivers and attendants, except emergency medical technicians
53-3020 Bus drivers
53-3030 Driver/sales workers and truck drivers
53-3041 Taxi drivers and chauffeurs
53-3099 Motor vehicle operators, all other

BusinessCounts

Occupation Classification



24 Material Moving Occupations

53-4010 Locomotive engineers and operators
53-4021 Railroad brake, signal, and switch operators
53-4031 Railroad conductors and yardmasters
53-40XX Subway, streetcar, and other rail transportation workers
53-50XX Sailors and marine oilers, and ship engineers
53-5020 Ship and boat captains and operators
53-6021 Parking lot attendants
53-6031 Automotive and watercraft service attendants
53-6051 Transportation inspectors
53-60XX Miscellaneous transportation workers, including bridge and lock
tenders and traffic technicians
53-6061 Transportation attendants, except flight attendants

53-7021 Crane and tower operators
53-7030 Dredge, excavating, and loading machine operators
53-70XX Conveyor operators and tenders, and hoist and winch operators
53-7051 Industrial truck and tractor operators
53-7061 Cleaners of vehicles and equipment
53-7062 Laborers and freight, stock, and material movers, hand
53-7063 Machine feeders and offbearers
53-7064 Packers and packagers, hand
53-7070 Pumping station operators
53-7081 Refuse and recyclable material collectors
53-71XX Miscellaneous material moving workers, including mine shuttle car
operators, and tank car, truck, and ship loaders

Source Further Information

Standard Occupational Classification
Contact customer service at 877-944-4AGS or email
support@appliedgeographic.com.