Division 11: Management Occupations

People employed in management occupations plan and direct the activities of businesses and industries or specific units/departments within them. They establish policies and procedures, communicate organizational goals and priorities, and solve complex problems.

11-1011-1 City Managers
11-1011-2 Association Executives
  - Chamber of Commerce Executive Vice Presidents
  - Labor Union Business Representatives
  - Nurse's Association Executive Directors
11-1021-1 Government Agency Administrators
  - Arts Administrators
  - Correctional Institution Directors
  - Economic Development Coordinators
  - Fishery Division Administrators
  - Public Safety Directors
  - Public Works Commissioners
  - Revenue Directors
11-1021-2 Business and Industry Managers
11-1021-3 Department Store Managers
11-1021-4 Communications Operations Managers
  - Communications Superintendents
  - Station Managers
11-1021-5 Public Utilities Managers
  - Electric Power Superintendents
  - Solid Waste Disposal Managers
  - Water and Sewer Systems Superintendents
11-1021-6 Small Business Owners
11-1030-0 Legislators
11-2011-1 Advertising Managers
11-2011-2 Advertising Account Executives
11-2021-0 Marketing Managers
11-2030-0 Public Relations Managers
11-3010-0 Administrative Services Managers
  - Contact and Service Supervisors
  - Customer - Complaint Service Supervisors
  - Documentation Supervisors
11-3011-1 Energy Managers
11-3011-2 Crop Production Managers
  - Citrus Grove Superintendents
  - Orchard Managers
  - Seed Corn Production Managers
11-3011-3 Animal Farm Managers
  - Dairy Farm Managers
  - Fish Hatchery Managers
  - Game Breeding Farm Managers
  - Poultry Hatchery Managers
11-3011-4 Horticultural Farm Managers
  - Christmas Tree Farm Managers
  - Nursery Managers
11-9012-0 Farmers and Ranchers
11-9012-1 Berry Farmers
  - Cranberry Growers
  - Strawberry Growers
11-9012-2 Fruit Tree Farmers
11-9012-3 Dairy Farmers
11-9012-4 Fish Farmers
11-9012-5 Horticultural Specialty Farmers
  - Bonsai Growers
  - Indoor Horticultural Specialty Growers
  - Outdoor Horticultural Specialty Growers
11-9021-1 Building Contractors
11-9030-0 Educational Administrators
  - Athletic Directors
  - Day Care Center Directors
  - Principals
11-9051-1 Restaurant Managers
11-9060-0 Funeral Directors
11-9070-0 Casino Managers
11-9081-1 Motel and Hotel Managers
11-9081-2 Club Managers
11-9111-1 Health Care Administrators
11-9111-2 Medical Records Administrators
11-9111-3 Nursing Administrators
11-9111-4 Health Services Coordinators
11-9131-1 Postmasters
11-9141-1 Real Estate Brokers
11-9141-2 Right-of-Way Managers
11-9151-1 Social Services Administrators
11-9151-2 Development Directors
11-9151-3 Recreation Directors
11-9199-1 Theater Managers
11-9199-2 Travel Agency Managers
11-9199-3 Management Trainees
Division 13: Business and Financial Operations Occupations

People employed in business operations occupations estimate the value of products and evaluate the effectiveness of policies and procedures as they relate to individual or organizational goals. People employed in financial operations maintain, review, and/or analyze the financial records of individuals or organizations.

13-1010-0 Business Agents
13-1021-1 Farm Product Purchasing Agents  
   - Christmas Tree Contractors  
   - Field Contractors  
   - Grain Buyers
13-1022-1 Buyers
13-1023-0 Purchasing Agents
13-1031-1 Claim Adjusters
13-1041-1 Equal Opportunity Specialists
13-1050-0 Cost Estimators  
   - Construction Material Estimators
13-1061-1 Hazardous Waste Specialists
13-1071-1 Employment Interviewers
13-1072-1 Job Analysts
13-1080-0Logisticians
13-1111-1 Management Consultants
13-1121-0 Conference Planners
13-1199-1 Business and Industry Consultants
13-2011-1 Accountants
13-2011-2 Auditors
13-2021-1 Real Estate Appraisers
13-2040-0 Credit Analysts
13-2052-1 Financial Counselors
13-2052-2 Investment Advisors
13-2053-0 Insurance Underwriters
13-2072-0 Loan Officers
13-2082-0 Tax Preparers
13-2099-1 Personal Property Appraisers
   - Art Appraisers
   - Pawnbrokers
Division 15: Computer and Mathematical Occupations

People employed in computer occupations design computer software, determine the computer needs of organizations, program computers to locate, store, and retrieve information, or administer databases/network systems. People employed in mathematical occupations apply formulas and mathematical principles to find answers to complex problems.

15-1011-1 Information Scientists
15-1020-0 Computer Programmers
15-1021-1 Scientific and Engineering Programmers
15-1032-0 Software Engineers
15-1040-0 Computer Support Specialists
15-1050-0 Computer Systems Analysts
15-1060-0 Database Administrators
15-1071-1 Computer Network Coordinators
15-1099-1 Web Masters
15-2010-0 Actuaries
15-2020-0 Mathematicians
15-2031-1 Research Analysts
15-2040-0 Statisticians
  - Applied Statisticians
  - Mathematical Statisticians
15-3010-0 Mathematical Technicians
Division 17: Architecture and Engineering Occupations

People employed in architecture occupations design structures, plan and design outdoor areas, collect and interpret geographic information, or determine land boundaries. People employed in engineering occupations design, construct, test, and/or evaluate structures, products, and systems.

17-1011-0 Architects
17-1012-0 Landscape Architects
17-1021-1 Cartographers
17-1022-0 Land Surveyors
17-2010-0 Aerospace Engineers
17-2020-0 Agricultural Engineers
17-2030-0 Biomedical Engineers
17-2040-0 Chemical Engineers
17-2050-0 Civil Engineers
  - Construction Engineers
  - Environmental Engineers
  - Geotechnical Engineers
  - Structural Engineers
  - Transportation Engineers
  - Urban Planning Engineers
  - Water Resource Engineers
17-2061-1 Computer Engineers
17-2071-0 Electrical Engineers
17-2072-0 Electronic Engineers
17-2111-1 Industrial Safety Inspectors
17-2112-0 Industrial Engineers
17-2120-0 Marine Engineers and Naval Architects
  - Marine Architects
  - Marine Engineers
  - Port Engineers
17-2131-1 Ceramic Engineers
17-2131-2 Metallurgists
17-2131-3 Zero-Gravity Material Technologists
17-2131-4 Tool Designers
17-2140-0 Mechanical Engineers
17-2151-1 Mining Engineers
17-2160-0 Nuclear Engineers
17-2170-0 Petroleum Engineers
17-2199-1 Solar Engineers
17-2199-2 Humanoid Robotics Designers
17-2199-3 Packaging Engineers
17-3011-1 Civil Drafters
17-3011-2 Architectural Drafters
17-3013-0 Mechanical Drafters
17-3021-0 Space Systems Technicians
17-3022-0 Civil Engineering Technicians
17-3023-1 Electrical and Electronics Technicians
17-3024-1 Electromechanical Technicians
17-3024-2 Robotics Technicians
17-3026-0 Industrial Engineering Technicians
17-3026-1 Instrumentation Technicians
17-3026-2 Quality Control Technicians
17-3027-0 Mechanical Engineering Technicians
17-3029-2 Laser Technicians
17-3031-1 Surveying Technicians
17-3031-2 Cartographic Technicians
  - Cartographic Drafters
  - Mosaicists
  - Photogrammetrists
Division 19: Life, Physical, and Social Science Occupations

People employed in life science occupations conduct research, investigate naturally occurring organisms, and test/analyze products to improve crops, conserve natural resources, and improve the health of humans or animals. People employed in physical science occupations conduct research and develop theories based on observations and experiments to solve practical problems, to increase basic knowledge, and apply such information to practical problems related to weather, natural and manmade materials, water, and pollutants. People employed in social science occupations conduct research to study human behavior and diagnose and treat mental disorders.

19-1011-0 Animal Scientists
19-1012-1 Food Technologists
19-1013-1 Horticulturists
19-1013-2 Agronomists
19-1020-0 Biological Scientists
19-1031-1 Soil Conservationists
19-1032-0 Foresters
19-1032-1 Urban Foresters
19-1042-1 Medical Researchers
19-1099-1 Geneticists
19-2011-0 Astronomers
19-2012-0 Physicists
19-2021-1 Meteorologists
19-2031-0 Chemists
19-2032-0 Materials Scientists
19-2041-1 Industrial Waste Inspectors
19-2041-2 Environmentalists
19-2041-3 Public Health Sanitariums
19-2042-1 Geologists
19-2042-2 Oceanographers
19-2042-3 Seismologists
19-2042-4 Paleontologists
19-2043-0 Hydrologists
19-3010-0 Economists
19-3021-0 Market Research Analysts
19-3030-0 Psychologists
  • Clinical Psychologists
  • Developmental Psychologists
  • Educational Psychologists
  • Industrial-Organizational Psychologists
  • Social Psychologists
19-3040-0 Sociologists
19-3051-1 Urban Planners
19-3091-1 Anthropologists
19-3091-2 Archaeologists
19-3092-0 Geographers
19-3093-0 Historians
  • Bibliographers
  • Genealogists
19-3094-0 Political Scientists
19-3099-1 Gerontologists
19-4011-1 Food Processing Technicians
19-4020-0 Biological Technicians
19-4030-0 Chemical Technicians
19-4041-1 Petroleum Technicians
19-4050-0 Nuclear Technicians
19-4091-0 Environmental Technicians
19-4099-1 Global Environmental Corps
Division 21: Community and Social Services Occupations

People employed in community and social services occupations plan and provide economic, interpersonal, and spiritual assistance/counsel to individuals and families. They also refer individuals and families to public and private agencies that can address their specific needs.

21-1011-1 Alcohol and Drug Abuse Counselors
21-1012-1 School Counselors
21-1012-2 Career Counselors
21-1012-3 Placement Counselors
21-1013-1 Personal Counselors
21-1014-1 Personal Coaches
21-1015-0 Vocational Rehabilitation Counselors
21-1020-0 Social Service Workers
21-1090-1 Community Organization Workers
21-1092-1 Probation and Parole Officers
21-1099-1 Peace Corps Volunteers
21-2010-0 Clergies
21-2020-0 Religious Workers
   - Pastoral Assistants
   - Religious Activity Directors
   - Religious Education Directors
Division 23: Legal Occupations

People employed in legal occupations interpret the laws, defend or prosecute those charged with crimes, and sentence those found guilty of crimes. Others provide support to the legal process by recording courtroom testimony, conducting research, and preparing legal documents.

23-1010-0 Lawyers
  ▪ Assistant District Attorneys
  ▪ Corporate Attorneys
  ▪ Criminal Attorneys
  ▪ Insurance Attorneys
  ▪ Patent Attorneys
  ▪ Probate Attorneys
23-1021-1 Adjudicators
23-1022-1 Arbitrators
23-1023-0 Judges
23-2011-1 Paralegal Assistants
23-2091-0 Court Reporters
23-2093-1 Title Examiners
Division 25: Education, Training, and Library Occupations

People employed in education occupations introduce people to new information, concepts, or philosophies. Those employed in training occupations demonstrate the techniques used to accomplish tasks. Some individuals employed in library occupations help people locate sources of information on topics of interest to them while others preserve items of historical or artistic significance.

25-1199-1 University Professors
25-1199-2 Postsecondary Teachers
25-2011-0 Preschool Teachers
25-2012-0 Kindergarten Teachers
25-2021-0 Elementary School Teachers
25-2030-1 Secondary School Teachers
25-2032-0 Vocational Education Teachers
25-2040-0 Special Education Teachers
25-2040-1 Teachers (of the) Blind and Visually Impaired
25-3010-0 Adult Literacy Teachers
25-3020-0 Self-Enrichment Teachers
25-3099-1 Physical Education Teachers
25-3099-2 Child Life Therapists

25-3099-3 Dance Teachers
25-3099-4 Art Teachers
25-3099-5 Music Teachers
25-4011-0 Archivists
25-4012-0 Curators
25-4013-1 Conservation Technicians
25-4020-0 Librarians
25-4020-1 Cyberlibrarians
25-4030-0 Library Technicians
25-9020-0 Extension Agents
25-9030-0 Instructional Coordinators
- Educational Specialists
- Instructional Material Directors
25-9040-0 Teacher Assistants
Division 27: Arts, Design, Entertainment, Sports, and Media Occupations

People employed in arts occupations create artwork or unique objects. People employed in design occupations use their artistic talents to create aesthetically pleasing products. People employed in entertainment occupations use their talent to entertain audiences. People employed in sports occupations direct or participate in competitive athletic activities. People employed in media occupations use a variety of tools and mediums to educate, inform, and express emotions.

- 27-1011-0 Art Directors
- 27-1012-0 Craft Artists
- 27-1013-1 Artists
- 27-1014-1 Animators
- 27-1014-2 Medical and Scientific Illustrators
- 27-1019-1 Taxidermists
- 27-1021-1 Industrial Designers
- 27-1021-2 Commercial Artists
- 27-1022-0 Fashion Designers
- 27-1023-0 Floral Designers
- 27-1024-1 Advertising Layout Designers
- 27-1025-0 Interior Designers
- 27-1026-1 Display Persons
- 27-1027-1 Set Designers
- 27-2010-0 Actors and Actresses
- 27-2012-1 Cinematographers
- 27-2021-0 Professional Athletes
- 27-2022-1 Coaches
- 27-2023-1 Umpires
- 27-2031-0 Dancers
- 27-2032-0 Choreographers
- 27-2041-1 Composers
- 27-2042-1 Musicians
- 27-2099-1 Clowns
- 27-3011-1 Announcers
- 27-3011-2 Disc Jockeys
- 27-3022-1 Journalists
- 27-3022-2 Reporters
- 27-3030-0 Public Relations Practitioners
- 27-3041-1 Copy Editors
- 27-3042-0 Technical Writers
- 27-3043-1 Literary Writers
- 27-3091-1 Translators
- 27-3091-2 Interpreters for the Deaf
- 27-4012-0 Broadcast Technicians
- 27-4014-0 Recording Technicians
- 27-4020-0 Photographers
- 27-4031-1 Television Camera Operators
- 27-4032-1 Film Editors
Division 29: Healthcare Practitioners and Technical Occupations

People employed in healthcare practitioners occupations diagnose and treat diseases and injuries in humans and animals. People in technical occupations test, assess, and help individuals maintain, improve, or regain their health.

29-1010-0 Chiropractors
29-1021-0 Dentists
  ■ Pediatric Dentists
29-1022-0 Oral Surgeons
29-1023-0 Dental Specialists
  ■ Endodontists
  ■ Orthodontists
  ■ Periodontists
  ■ Prosthodontists
29-1031-0 Dietitians
  ■ Clinical Dietitians
  ■ Community Dietitians
  ■ Research Dietitians
29-1040-0 Optometrists
29-1050-0 Pharmacists
29-1061-0 Anesthesiologists
29-1062-1 Primary Care Physicians
  ■ Family Practitioners
  ■ Gynecologists
  ■ Internists
  ■ Obstetricians
  ■ Pediatricians
29-1066-0 Psychiatrists
29-1067-0 Surgeons
  ■ Cardiovascular/Vascular Surgeons
  ■ General Surgeons
  ■ Neurological Surgeons
  ■ Orthopedic/Arthroscopic Surgeons
  ■ Otolaryngological Surgeons
  ■ Proctological Surgeons
  ■ Thoracic Surgeons
29-1069-1 Medical Diagnostic and Treatment Specialists
  ■ Allergists/Immunologists
  ■ Cardiologists
  ■ Dermatologists
  ■ Gastroenterologists
  ■ Infectious Disease Internists
  ■ Neurologists
  ■ Proctologists
  ■ Radiologists
  ■ Urologists
29-1069-2 Osteopathic Physicians
29-1069-3 Pathologists
29-1069-4 Bionic Surgeons
29-1070-0 Physician Assistants
29-1080-0 Podiatrists
29-1110-0 Registered Nurses
  ■ Community Health Nurses
  ■ Gerontological Nurses
  ■ High-Risk Perinatal Nurses
  ■ Maternal-Child Nurses
  ■ Medical-Surgical Nurses
  ■ Pediatric Nurses
  ■ Psychiatric and Mental Health Nurses
  ■ School Nurses
29-1121-0 Audiologists
29-1122-0 Occupational Therapists
29-1123-0 Physical Therapists
29-1125-1 Art Therapists
29-1125-2 Music Therapists
29-1125-3 Dance Therapists
29-1126-0 Respiratory Therapists
29-1127-0 Speech-Language Pathologists
29-1130-0 Veterinarians
29-1131-1 Veterinary Researchers
29-1199-1 Nurse Practitioners
  ■ Adult Nurse Practitioners
  ■ Adult Psychiatric Nurse Practitioners
  ■ Child and Adolescent Psychiatric Nurse Practitioners
  ■ Clinical Specialists in Medical-Surgical Nursing
  ■ Family Nurse Practitioners
  ■ General Nursing Practitioners
  ■ Gerontological Nurse Practitioners
  ■ Pediatric Nurse Practitioners
  ■ School Nurse Practitioners
29-2011-1 Medical Technologists
29-2011-2 Histotechnologists
29-2011-3 Hemotherapists
29-2011-4 Cytotechnologists
29-2012-0 Medical Laboratory Technicians
29-2020-0 Dental Hygienists
29-2031-1 Cardiopulmonary Technologists
29-2031-2 Electroencephalograph Technologists
29-2031-3 Electrocardiograph Technicians
29-2032-0 Ultrasound Technologists
29-2033-0 Nuclear Medical Technologists
29-2034-1 Radiologic Technologists
29-2040-0 Emergency Medical Technicians
29-2051-0 Dietetic Technicians
29-2052-0 Pharmacy Technicians
29-2055-0 Surgical Technicians
29-2056-0 Veterinary Technicians
29-2061-1 Licensed Practical Nurses
29-2071-1 Medical Records Technicians
29-2080-0 Opticians
29-2091-0 Prosthetists and Orthotists
29-2099-1 Dialysis Technicians
29-2099-2 Phlebotomy Technicians
29-9011-1 Industrial Hygienists
29-9091-0 Athletic Trainers
29-9099-1 Optometric Assistants
29-9099-2 Perfusionists
Division 31: Healthcare Support Occupations

People employed in healthcare support occupations assist individuals with mental illness, physical injuries, or disabilities with daily living activities. Others prepare materials and maintain the facilities used by patients in rehabilitative programs.

31-1011-0 Home Health Aides
31-1012-1 Nurses' Aides
31-1013-0 Psychiatric Aides
31-2011-0 Occupational Therapy Assistants
31-2012-0 Occupational Therapy Aides
31-2021-0 Physical Therapy Assistants
31-2022-0 Physical Therapy Aides
31-9010-0 Massage Therapists
31-9091-0 Dental Assistants
31-9092-0 Medical Assistants
31-9094-0 Medical Transcriptionists
31-9099-1 Podiatric Assistants
Division 33: Protective Service Occupations

People employed in protective services occupations protect people and property, maintain order, and enforce laws. They may conduct investigations to determine the causes of property damage and injuries to humans.

33-1011-0 Guard Supervisors
  - Chief Guards
  - Chief Jailers
  - Retail Security Managers
33-1012-0 Law Enforcement Supervisors
  - Battalion Chiefs
  - Fire Captains
  - Fire Chiefs
33-2010-0 Firefighters
33-2021-0 Fire Inspectors
33-3011-0 Bailiffs
33-3012-1 Correctional Officers
33-3021-1 FBI Agents
33-3030-0 Conservation Wardens
33-3040-0 Parking Enforcement Officers
33-3051-1 Police Officers
33-3051-2 State Patrol Officers
33-3052-1 Aviation Security Specialists
33-9020-0 Private Detectives
33-9031-0 Gaming Surveillance Officers
33-9032-0 Security Guards
33-9091-0 Crossing Guards
33-9099-1 Park Rangers
33-9099-2 Police Canine Trainers
33-9099-3 Criminalists
33-9099-4 Fingerprint Examiners
33-9099-5 Security Consultants
Division 35: Food Preparation and Serving Related Occupations

People employed in food preparation and serving related occupations are involved in the planning, preparation, seasoning, and cooking of entrees, salads, soups, and desserts in institutions, commercial eating establishments, and private homes. People in serving related occupations serve food and beverages, remove dirty dishes, change soiled table linens, and reset tables with clean dishes, glasses, and silverware.

35-1011-0 Restaurant Cooks and Chefs
35-1012-0 Food Service Supervisors
35-2012-0 Institutional Cooks
35-2013-0 Household Cooks
35-2015-0 Short Order Cooks
35-2019-1 Caterers
35-2020-0 Food Service Workers
35-3010-0 Bartenders
35-3020-0 Food Attendants
    - Car Hops
    - Coffee Shop Counter Attendants
    - Fast-Food Workers
35-3030-0 Waiters and Waitresses
35-9010-0 Waiter and Waitress Assistants
35-9030-1 Restaurant Hosts and Hostesses
Division 37: Building and Grounds Cleaning and Maintenance Occupations

People employed in building cleaning and maintenance occupations clean and maintain rooms in commercial buildings, lodging establishments, and private residences. People in grounds maintenance occupations maintain grounds using hand tools and power equipment to plant, fertilize, mow, and/or trim flowers, shrubs, grasses, and trees.

37-1011-0 Cleaning and Building Services Supervisors
- Banquet Facility Coordinators
- Building Superintendents
- Janitorial Services Supervisors

37-1012-1 Agribusiness Supervisors
37-2011-0 Janitors
37-2012-1 Household Cleaners
37-2012-2 Hotel and Motel Cleaners
37-2019-1 Laboratory Equipment Cleaners
37-2020-0 Pest Control Technicians
37-3011-0 Groundskeepers and Gardeners
37-3012-0 Agrochemical Applicators
Division 39: Personal Care and Service Occupations

People employed in personal care occupations provide services that enhance an individual’s appearance. People employed in service occupations may care for children, groom and care for pets, assist travelers, or accommodate people involved in recreational activities.

39-1020-0 Personal Services Supervisors
   • Bell Captains
   • Cardroom Supervisors
   • Hair Styling Shop Managers
39-1021-1 Household Managers
39-2021-1 Kennel Owners
39-2021-2 Pet Groomers
39-2021-3 Zookeepers
39-3011-1 Gambling Dealers
39-3031-1 Ushers
   • Press-Box Custodians
   • Ticket Takers
39-3091-0 Recreational Facility Attendants
39-3093-1 Wardrobe and Dressing Room Attendants
   • Customer Assistants
   • Dressers
   • Jockey Valets
39-4010-0 Embalmers
39-5011-0 Barbers

39-5012-0 Cosmetologists
39-5092-1 Nail Technicians
39-6011-0 Baggage Porters and Bellhops
   • Baggage Porters
   • Bellhops
39-6020-0 Guides
   • Establishment Guides
   • Hunting and Fishing Guides
   • Sightseeing Guides
39-6031-0 Flight Attendants
39-9011-1 Nannies
39-9011-2 Child Care Assistants
39-9021-1 Home Support Workers
   • Developmental Disability Workers
   • Foods and Nutrition Workers
   • Social Services Workers
39-9031-1 Aerobic Instructors
39-9032-0 Recreational Activity Leaders
39-9099-1 Day Workers
Division 41: Sales and Related Occupations

People employed in sales and related occupations sell products, properties, and services in retail and wholesale markets. Some contact their customers by telephone or call on them in person at their homes or places of business.

41-1011-0 Retail Sales Supervisors
41-1012-1 Commodity Sales Supervisors
   - Meat Sales and Storage Managers
   - Tobacco Warehouse Managers
41-2012-0 Gaming Change Persons and Booth Cashiers
41-2021-0 Counter Clerks
   - Apparel-Rental Clerks
   - Automobile Rental Clerks
   - Film-Processing Clerks
41-2022-1 Automobile Parts Salespersons
41-2031-1 Automobile Salespersons
41-2031-2 Home and Home Improvement Product Salespersons
   - Furniture and Home Furnishings Salespersons
   - Hardware Salespersons
   - Household Appliance, Video, and Audio Equipment Salespersons
41-2031-3 Personal Product Salespersons
   - Clothing Salespersons
   - Cosmetic, Toiletry, and Related Product Salespersons
   - Jewelry and Related Product Salespersons
   - Shoe Salespersons
41-2031-4 Recreation and Leisure Product Salespersons
   - Boat and Marine Equipment and Supplies Salespersons
   - Book, Stamp, Coin, and Stationery Salespersons
   - Musical Instrument and Supplies Salespersons
   - Sporting Goods Salespersons
41-2031-5 Sales Clerks
41-2031-6 Cashiers
41-3010-0 Advertising Sales Representatives
41-3020-0 Insurance Agents
41-3031-1 Stockbrokers
41-3040-0 Travel Agents
41-3099-1 Business Services Sales Representatives
41-4011-0 Technical Salespersons
   - Agricultural Product Technical Salespersons
   - Aircraft Technical Salespersons
   - Chemical and Drug Technical Salespersons
   - Electronic Equipment Technical Salespersons
   - Machinery Technical Salespersons
   - Medical Product Technical Salespersons
41-4012-0 Sales Representatives
   - Garment Sales Representatives
   - Livestock Sales Representatives
   - Motor Vehicle Sales Representatives
   - Office Machine Sales Representatives
   - Paper Product Sales Representatives
41-9012-0 Models
41-9022-0 Real Estate Agents
41-9030-0 Sales Engineers
41-9040-0 Telemarketers
41-9091-1 News Vendors
41-9091-2 Street Vendors
41-9091-3 Direct Sales Representatives
41-9099-1 Antique/Collectible Dealers
41-9099-2 Auctioneers
Division 43: Office and Administrative Support Occupations

People in office and administrative support occupations perform clerical functions within businesses and industries. They compile, record, process, reconfigure, and distribute data.

43-1010-0 Administrative Support Supervisors
- Cashier Supervisors
- Claim Supervisors
- File Supervisors
- Payroll Supervisors
- Word Processing Supervisors

43-2020-0 Telephone Operators

43-3010-0 Bill and Account Collectors
- Collection Clerks
- Collectors
- Repossessors

43-3021-1 Billing Clerks
- Billing-Control Clerks
- C.O.D. Clerks
- Insurance Clerks
- Statement Clerks
- Wharfingers

43-3021-2 Billing, Posting, and Calculating Machine Operators
- Billing Machine Operators
- Posting Machine Operators
- Proof Machine Operators

43-3031-1 Bookkeeping Clerks

43-3050-0 Payroll and Timekeeping Clerks
- Payroll Clerks
- Timekeepers

43-3070-0 Tellers

43-4010-0 Brokerage Clerks

43-4020-0 Correspondence Clerks

43-4031-1 Driver’s License Examiners

43-4031-2 License Clerks
- Dog Licensees

43-4041-1 Investigators and Adjusters
- Credit Reference Clerks
- Investigators
- Utility Bill Complaint Investigators

43-4051-0 Customer Service Representatives

43-4060-0 Social Welfare Clerks
- Eligibility Workers
- Eligibility and Occupancy Interviewers

43-4070-0 File Clerks

43-4081-1 Hotel Clerks

43-4111-1 Hospital Admitting Clerks

43-4151-1 Classified Ad Clerks
- Ad Clerks
- Advertising Clerks
- Classified-Copy-Control Clerks

43-4160-0 Human Resources Clerks
- Assignment Clerks
- Employment Clerks
- Personnel Clerks

43-4170-0 Receptionists

43-4180-0 Reservation and Ticket Clerks
- Reservation Clerks
- Ticket Agents
- Travel Clerks

43-4199-1 Health Unit Clerks

43-5010-2 Industrial Clerks
- Incoming-Freight Clerks
- Shipping and Receiving Clerks
- Traffic Clerks

43-5011-1 Cost and Rate Clerks
- Cost Clerks
- Freight Rate Analysts
- Rate Reviewers

43-5021-0 Messengers
- Copy Messengers
- Outside Deliverers
- Singing Messengers

43-5030-0 Dispatchers

43-5040-0 Meter Readers

43-5051-0 Postal Clerks
- Mail Handlers
- Post Office Clerks

43-5052-0 Mail Carriers

43-5061-1 Production and Planning Clerks

43-5061-2 Expediters
- Job Tracers

43-5080-1 Central Supply Technicians

43-5111-1 Weighers, Measurers, and Checkers
- Cotton Samplers
- Milk Samplers
- Petroleum Inspectors

43-5111-2 Samplers

43-6011-0 Administrative Assistants

43-6012-0 Legal Secretaries

43-6013-0 Medical Secretaries

43-6014-1 Stenographers

43-9010-0 Computer Operators

43-9021-0 Data Entry Keyers

43-9022-1 Typists

43-9030-0 Desktop Publishers

43-9051-1 Mail Handling Machine Operators
- Mailing-Machine Operators
- Sealing-and-Cancelling-Machine Operators

43-9051-2 Mail Clerks

43-9060-0 General Office Clerks

43-9071-1 Computer Peripheral Equipment Operators

43-9071-2 Duplicating Machine Operators
- Brailler-Duplicating-Machine Operators
- Photocopying Machine Operators

43-9081-1 Proofreaders

43-9110-0 Statistical Clerks
Division 45: Farming, Fishing, and Forestry Occupations

People in farming and forestry occupations are involved in the planting, cultivation, inspection, and harvesting of vegetables, grains, and wood products. Others breed and raise livestock and catch or raise fish for human consumption.

45-1011-1 Farm Supervisors

45-1011-2 Forestry and Logging Supervisors
- Forest Nursery Supervisors
- Logging Supervisors

45-2010-0 Agricultural Inspectors
- Farm Produce Inspectors
- Field Inspectors
- Poultry Farm Inspectors

45-2040-0 Agricultural Graders and Sorters

45-2090-0 Agricultural Workers
- Farm Machinery Operators
- Fish Hatchery Workers
- General Farmworkers
- Irrigation Workers
- Livestock Farmworkers
- Nursery Workers
- Vegetable Harvesters
- Vine Pruners

45-2099-1 Hydroponic Technicians

45-3010-0 Fishers
- Line Fishers
- Net Fishers
- Spear Fishers

45-3020-0 Hunters and Trappers
- Animal Trappers
- Expedition Organizers
- Predatory Animal Hunters

45-4011-1 Forestry Technicians

45-4022-0 Loggers

45-4023-0 Log Graders
Division 47: Construction and Extraction Occupations

People in construction and extraction occupations build, install, or apply materials to finish surfaces of residential and commercial buildings and structures. People in extractive occupations operate machinery that drills for gas, oil, and water, or mines materials at or below the surface of the earth.

47-1010-0 Construction Supervisors
47-2010-0 Boilermakers
47-2021-1 Bricklayers
47-2022-0 Stonemasons
47-2030-0 Carpenters
47-2041-1 Floor Covering Installers
47-2044-1 Tile Setters
47-2051-1 Cement Masons
47-2060-0 Construction Laborers
47-2071-1 Asphalt Paving Machine Operators
47-2072-0 Pile Driving Machine Operators
47-2073-1 Air Hammer Operators
47-2073-2 Operating Engineers
47-2073-3 Grading and Leveling Machine Operators
  - Bulldozer Operators
  - Scraper Operators
47-2081-1 Drywall Installers
47-2110-0 Electricians
47-2120-0 Glaziers
47-2130-0 Insulation Workers
47-2141-1 Construction Painters
47-2142-0 Paperhangers
47-2152-1 Plumbers
47-2152-2 Pipefitters
47-2161-1 Plasterers
47-2180-0 Roofers
47-2211-1 Sheet Metal Duct Installers
47-2221-1 Structural Steel Workers
47-2221-2 Ornamental Iron Workers
47-2221-3 Structural Metal Fitters
47-3010-0 Construction Worker Helpers
  - Brickmason Helpers
  - Carpenter Helpers
  - Electrician Helpers
  - Painter Helpers
  - Plumber Helpers
47-4010-0 Building Inspectors
47-4021-1 Elevator Mechanics
47-4030-0 Fence Builders
47-4050-0 Highway Maintenance Workers
47-4060-0 Rail and Track Laying Equipment Operators
47-4071-1 Sewer Pipe Cleaners
47-4099-1 Construction Workers
47-5020-0 Earth Drillers
47-5030-0 Explosives Workers
47-5040-0 Mining Machine Operators
  - Continuous-Mining-Machine Operators
  - Drilling-Machine Operators
47-5070-0 Oil Well Drillers
47-5080-0 Extractive Worker Helpers

OCCUPATIONS-NUMERICAL
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People employed in installation, maintenance, and repair occupations read manuals and interpret diagrams to identify malfunctions in machines. They install new equipment, perform routine maintenance, remove and replace defective parts, and repair damaged parts to return machinery and appliances to operating condition.

Division 49: Installation, Maintenance, and Repair Occupations

49-1010-0 Technician, Mechanic, and Repairer Supervisors
49-2011-1 Data Processing Equipment Technicians
49-2011-2 Computer Technicians
49-2011-3 Office Machine Technicians
49-2022-0 Central Office Technicians
49-2091-0 Avionics Technicians
49-2092-1 Electric Motor Technicians
49-2094-1 Maintenance Electricians
49-2095-1 Mechanical Control Technicians
49-2097-1 Consumer Electronics Technicians
49-2098-1 Security System Technicians
49-3010-0 Aircraft Mechanics
49-3011-1 Aircraft Engine Mechanics
49-3021-0 Auto Body Technicians
49-3022-0 Windshield Installers
49-3023-0 Motor Vehicle Technicians
49-3031-1 Industrial Truck Technicians
49-3031-2 Diesel Technicians
49-3041-0 Farm Equipment Technicians
49-3042-1 Heavy Construction Equipment Technicians
49-3052-0 Motorcycle Technicians
49-3053-0 Gasoline Engine Technicians
49-3091-0 Bicycle Technicians
49-3093-0 Tire Repairers and Changers
49-9021-1 Refrigeration Technicians
49-9021-2 Furnace Installers
49-9021-3 Air Conditioning Technicians
49-9031-0 Electrical Appliance Servicers
49-9031-1 Gas Appliance Servicers
49-9041-0 Industrial Machinery Technicians
49-9042-0 Maintenance Mechanics
49-9043-0 Machinery Maintenance Workers
49-9044-0 Millwrights
49-9051-0 Electrical Line Maintainers
49-9052-0 Communications Line Maintainers
49-9052-1 Telephone Installation Technicians
49-9062-1 Biomedical Equipment Technicians
49-9062-2 Electromedical Equipment Technicians
49-9063-1 Piano Technicians
49-9063-2 Musical Instrument Repairers
49-9064-0 Watch Technicians
49-9069-1 Camera Technicians
49-9069-2 Gunsmiths
49-9091-1 Bowling Alley Mechanics
49-9094-1 Locksmiths
49-9096-0 Riggers
49-9098-0 Technician and Repairer Helpers
  - Automobile Technician Helpers
  - Electrical Equipment Repairer Helpers
49-9099-1 Satellite Reclamation Technicians
Division 51: Production Occupations

People employed in production occupations may set up, operate, and/or maintain machines that make metal, wooden, or plastic parts, print books, or process and package food products. Others use hand tools to assemble or inspect products sold in wholesale and retail markets.

51-1011-1 Precision Production Supervisors
51-1011-2 Production Supervisors
- Cellar Supervisors
- Filter Plant Supervisors
- Paper Machine Supervisors

51-2011-1 Space Station Assembly Technicians
51-2022-0 Precision Assemblers
- Appliance Assemblers
- Circuit Board Assemblers
- Electric Motor Control Assemblers

51-2041-1 Shipfitters
51-2041-2 Sheet Metal Workers
51-2091-0 Fiberglass Laminators
51-2093-0 Precision Calibrators
- Chronometer/Adjusters
- Scale Technicians
- Sight Mounters

51-2099-1 Production Assemblers
- Boat Outfitters
- Manufactured Building Assemblers
- Small Product Assemblers

51-2099-2 Hand Workers
- Brush Painters
- Glass Blowers
- Hand Carvers
- Hand Etchers
- Hand Molders
- Hand Packagers
- Hand Sewers
- Hand Trimmers

51-3010-0 Baking Technologists
51-3021-0 Butchers and Meatcutters
51-3092-1 Cheesemakers
51-4010-0 Tool Programmers
51-4011-0 Numerical Control Machine Setup Operators

51-4020-1 Metalworking and Plasticworking Machine Setup Operators
- Boring-Machine Setup Operators, Metalworking and Plasticworking
- Drill-Press Machine Setup Operators, Metalworking and Plasticworking
- Drop-Hammer Machine Setup Operators, Metalworking and Plasticworking
- Extruder Machine Setup Operators, Metalworking and Plasticworking
- Gear-Cutting Machine Setup Operators, Metalworking and Plasticworking
- Grinder Machine Setup Operators, Metalworking and Plasticworking
- Lathe Machine Setup Operators, Metalworking and Plasticworking
- Milling-Machine Setup Operators, Metalworking and Plasticworking
- Punch-Press Machine Setup Operators, Metalworking and Plasticworking

51-4040-0 Machinists
- Automotive Machinists
- Experimental Machinists
- Maintenance Machinists
- Parts Salvagers

51-4060-0 Precision Pattern and Model Makers
51-4062-1 Metal Patternmakers
51-4071-1 Molders
51-4071-2 Coremakers
51-4072-0 General Foundry Workers

51-4081-1 Miscellaneous Machine Setup Operators
- Coating Machine Setup Operators
- Compressing Machine Setup Operators
- Cutting Machine Setup Operators
- Filling Machine Setup Operators
- Folding Machine Setup Operators
- Forming Machine Setup Operators
- Polishing Machine Setup Operators
- Precipitating Machine Setup Operators

51-4110-0 Tool and Die Makers
51-4121-1 Combination Welders
51-4121-2 Solderers and Brazers
- Production Line Solderers
- Resistance Brazers
- Torch Solderers

51-4122-1 Metal Fabricating Machine Setup Operators
- Brazing Machine Setup Operators
- Soldering Machine Setup Operators
- Welding Machine Setup Operators

51-4122-2 Metal Fabricating Machine Operators and Tenders
- Brazing Machine Operators and Tenders
- Soldering Machine Operators and Tenders
- Welding Machine Operators and Tenders

51-4190-0 Metal and Plastic Processing Machine Setup Operators
- Heat Treaters
- Mold Setters
- Platers
Division 53: Transportation and Material Moving Occupations

People employed in transportation occupations are responsible for taking people and/or goods from one location to another via air, railroad, highway, and water transportation systems. People employed in the material moving occupations operate machinery to move materials from one location to another.

53-1020-0 Helper, Handler, and Laborer Supervisors
53-1030-0 Transportation and Material Moving Supervisors
  ▪ Bus and Trolley Dispatchers
  ▪ Petroleum Distribution Supervisors
  ▪ Route Sales and Delivery Supervisors
53-2012-0 Commercial Airline Pilots
53-2021-0 Air Traffic Controllers
53-3020-0 Bus Drivers
  ▪ Shuttle Drivers
53-3031-0 Delivery Drivers
53-3032-0 Truck Drivers (Heavy)
  ▪ Furniture Movers
  ▪ Tank-Truck Drivers
  ▪ Tractor-Trailer Truck Drivers
53-3033-1 Light Truck Drivers
  ▪ Airline Catering Service Drivers
  ▪ Telephone Directory Distributors
53-3033-2 Vending Machine Servicers
53-3041-1 Taxicab Drivers
53-4011-0 Locomotive Engineers
  ▪ Hostlers
  ▪ Yard Engineers
53-4021-0 Brake Couplers
  ▪ Passenger Train Brakers
  ▪ Yard Couplers
53-4021-2 Switch Tenders
53-4030-0 Railroad Conductors and Yardmasters
  ▪ Passenger Car Conductors
  ▪ Yard Managers
53-5011-1 Sailors
  ▪ Deckhands
  ▪ Seamen
53-5011-2 Marine Oilers
53-5021-0 Great Lakes Ship Officers
53-5021-2 Boat and Barge Operators
  ▪ Barge Captains
  ▪ Derrick Platform Captains
  ▪ Passenger Barge Masters
  ▪ Tugboat Captains
53-6010-0 Bridge and Lock Tenders
  ▪ Drawbridge Operators
  ▪ Lock Tenders
  ▪ Slip Bridge Operators
53-6020-0 Parking Lot Attendants
53-6030-0 Service Station Attendants
53-6050-0 Transportation Inspectors
  ▪ Railroad Car Inspectors
  ▪ Railroad Track and Roadbed Inspectors
  ▪ Tank Car Inspectors
  ▪ Truck Safety Inspectors
53-7011-1 Material Moving Equipment Operators
53-7021-1 Bridge and Gantry Crane Operators
53-7021-2 Truck Crane Operators
53-7032-0 Excavating and Loading Machine Operators
  ▪ Dredge Operators
  ▪ Loading Machine Operators
  ▪ Stripping Shovel Operators
53-7041-0 Hoist and Winch Operators
53-7051-0 Industrial Truck Operators
53-7060-0 Freight, Stock, and Material Handlers
  ▪ Baggers
  ▪ Machine Offbearers
  ▪ Material Handlers
53-7061-1 Car Wash Attendants
53-7120-1 Longshoring Equipment Operators
  ▪ Boat Loaders
  ▪ Stevedores
53-7199-1 Waste Disposal Attendants
Division 55: Military Specific Occupations

People employed as officers in military specific occupations develop tactical plans, direct the activities of enlisted personnel, and lead them in military campaigns. Enlisted military personnel perform a wide variety of duties supporting and/or participating in military actions deemed necessary for national security.

55-1013-1 Tank Officers
55-1014-1 Artillery Officers
55-1014-2 Missile Systems Officers
55-1016-0 Infantry Officers
55-1017-0 Special Operations Officers
55-3013-1 Tank Crew Members
55-3016-0 Infantry Forces
55-3018-0 Special Operations Forces
55-3019-1 Artillery Crew Members