

## **2000 SOC Major Groups and Subgroups**

From [http://www.bls.gov/soc/soc\\_majo.htm](http://www.bls.gov/soc/soc_majo.htm) -- accessed on 12/29/04

Each occupation in the SOC is placed within one of these 23 major groups. Numbers in parentheses indicate major sub-groups within each group.

**11-0000 Management Occupations (4)**

**13-0000 Business and Financial Operations Occupations (2)**

**15-0000 Computer and Mathematical Occupations (2)**

**17-0000 Architecture and Engineering Occupations (3)**

**19-0000 Life, Physical, and Social Science Occupations (4)**

**21-0000 Community and Social Services Occupations (2)**

**23-0000 Legal Occupations (2)**

**25-0000 Education, Training, and Library Occupations (5)**

**27-0000 Arts, Design, Entertainment, Sports, and Media Occupations (4)**

**29-0000 Healthcare Practitioners and Technical Occupations (3)**

**31-0000 Healthcare Support Occupations (3)**

**33-0000 Protective Service Occupations (4)**

**35-0000 Food Preparation and Serving Related Occupations (4)**

**37-0000 Building and Grounds Cleaning and Maintenance Occupations (3)**

**39-0000 Personal Care and Service Occupations (7)**

**41-0000 Sales and Related Occupations (5)**

**43-0000 Office and Administrative Support Occupations (7)**

**45-0000 Farming, Fishing, and Forestry Occupations (4)**

**47-0000 Construction and Extraction Occupations (5)**

**49-0000 Installation, Maintenance, and Repair Occupations (4)**

**51-0000 Production Occupations (9)**

**53-0000 Transportation and Material Moving Occupations (7)**

**55-0000 Military Specific Occupations (3)**

## MANAGEMENT OCCUPATIONS

### 11-1000 Top Executives

11-1010 Chief Executives

11-1011 Chief Executives

11-1020 General and Operations Managers

11-1021 General and Operations Managers

11-1030 Legislators

11-1031 Legislators

### 11-2000 Advertising, Marketing, Promotions, Public Relations, and Sales Managers

11-2010 Advertising and Promotions Managers

11-2011 Advertising and Promotions Managers

11-2020 Marketing and Sales Managers

11-2021 Marketing Managers

11-2022 Sales Managers

11-2030 Public Relations Managers

11-2031 Public Relations Managers

### 11-3000 Operations Specialties Managers

11-3010 Administrative Services Managers

11-3011 Administrative Services Managers

11-3020 Computer and Information Systems Managers

11-3021 Computer and Information Systems Managers

11-3030 Financial Managers

11-3031 Financial Managers

11-3040 Human Resources Managers

11-3041 Compensation and Benefits Managers

11-3042 Training and Development Managers

11-3049 Human Resources Managers, All Other

11-3050 Industrial Production Managers

11-3051 Industrial Production Managers

11-3060 Purchasing Managers

11-3061 Purchasing Managers

11-3070 Transportation, Storage, and Distribution Managers

11-3071 Transportation, Storage, and Distribution Managers

### 11-9000 Other Management Occupations

11-9010 Agricultural Managers

11-9011 Farm, Ranch, and Other Agricultural Managers

11-9012 Farmers and Ranchers

11-9020 Construction Managers

11-9021 Construction Managers

11-9030 Education Administrators

11-9031 Education Administrators, Preschool and Child Care Center/Program

11-9032 Education Administrators, Elementary and Secondary School

11-9033 Education Administrators, Postsecondary

11-9039 Education Administrators, All Other

11-9040 Engineering Managers

11-9041 Engineering Managers

11-9050 Food Service Managers

11-9051 Food Service Managers

11-9060 Funeral Directors

11-9061 Funeral Directors

11-9070 Gaming Managers

11-9071 Gaming Managers

11-9080 Lodging Managers

11-9081 Lodging Managers

11-9110 Medical and Health Services Managers

11-9111 Medical and Health Services Managers

11-9120 Natural Sciences Managers

11-9121 Natural Sciences Managers

11-9130 Postmasters and Mail Superintendents  
11-9131 Postmasters and Mail Superintendents  
11-9140 Property, Real Estate, and Community Association Managers  
11-9141 Property, Real Estate, and Community Association Managers  
11-9150 Social and Community Service Managers  
11-9151 Social and Community Service Managers  
11-9190 Miscellaneous Managers  
11-9199 Managers, All Other

## **BUSINESS AND FINANCIAL OPERATIONS OCCUPATIONS**

### **13-1000 Business Operations Specialists**

13-1010 Agents and Business Managers of Artists, Performers, and Athletes  
13-1011 Agents and Business Managers of Artists, Performers, and Athletes  
13-1020 Buyers and Purchasing Agents  
13-1021 Purchasing Agents and Buyers, 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  
13-1031 Claims Adjusters, Examiners, and Investigators  
13-1032 Insurance Appraisers, Auto Damage  
13-1040 Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation  
13-1041 Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation  
13-1050 Cost Estimators  
13-1051 Cost Estimators  
13-1060 Emergency Management Specialists  
13-1061 Emergency Management Specialists  
13-1070 Human Resources, Training, and Labor Relations Specialists  
13-1071 Employment, Recruitment, and Placement Specialists  
13-1072 Compensation, Benefits, and Job Analysis Specialists

13-1073 Training and Development Specialists

13-1079 Human Resources, Training, and Labor Relations Specialists, All Other

13-1080 Logisticians

13-1081 Logisticians

13-1110 Management Analysts

13-1111 Management Analysts

13-1120 Meeting and Convention Planners

13-1121 Meeting and Convention Planners

13-1190 Miscellaneous Business Operations Specialists

13-1199 Business Operations Specialists, All Other

**13-2000 Financial Specialists**

13-2010 Accountants and Auditors

13-2011 Accountants and Auditors

13-2020 Appraisers and Assessors of Real Estate

13-2021 Appraisers and Assessors of Real Estate

13-2030 Budget Analysts

13-2031 Budget Analysts

13-2040 Credit Analysts

13-2041 Credit Analysts

13-2050 Financial Analysts and Advisors

13-2051 Financial Analysts

13-2052 Personal Financial Advisors

13-2053 Insurance Underwriters

13-2060 Financial Examiners

13-2061 Financial Examiners

13-2070 Loan Counselors and Officers

13-2071 Loan Counselors

13-2072 Loan Officers

13-2080 Tax Examiners, Collectors, Preparers, and Revenue Agents

13-2081 Tax Examiners, Collectors, and Revenue Agents

13-2082 Tax Preparers

13-2090 Miscellaneous Financial Specialists

13-2099 Financial Specialists, All Other

## COMPUTER AND MATHEMATICAL OCCUPATIONS

### 15-1000 Computer Specialists

15-1010 Computer and Information Scientists, Research

15-1011 Computer and Information Scientists, Research

15-1020 Computer Programmers

15-1021 Computer Programmers

15-1030 Computer Software Engineers

15-1031 Computer Software Engineers, Applications

15-1032 Computer Software Engineers, Systems Software

15-1040 Computer Support Specialists

15-1041 Computer Support Specialists

15-1050 Computer Systems Analysts

15-1051 Computer Systems Analysts

15-1060 Database Administrators

15-1061 Database Administrators

15-1070 Network and Computer Systems Administrators

15-1071 Network and Computer Systems Administrators

15-1080 Network Systems and Data Communications Analysts

15-1081 Network Systems and Data Communications Analysts

15-1090 Miscellaneous Computer Specialists

15-1099 Computer Specialists, All Other

### 15-2000 Mathematical Science Occupations

15-2010 Actuaries

15-2011 Actuaries

15-2020 Mathematicians

15-2021 Mathematicians

15-2030 Operations Research Analysts

15-2031 Operations Research Analysts

15-2040 Statisticians

15-2041 Statisticians

15-2090 Miscellaneous Mathematical Science Occupations

15-2091 Mathematical Technicians

15-2099 Mathematical Science Occupations, All Other

## **ARCHITECTURE AND ENGINEERING OCCUPATIONS**

### **17-1000 Architects, Surveyors, and Cartographers**

17-1010 Architects, Except Naval

17-1011 Architects, Except Landscape and Naval

17-1012 Landscape Architects

17-1020 Surveyors, Cartographers, and Photogrammetrists

17-1021 Cartographers and Photogrammetrists

17-1022 Surveyors

### **17-2000 Engineers**

17-2010 Aerospace Engineers

17-2011 Aerospace Engineers

17-2020 Agricultural Engineers

17-2021 Agricultural Engineers

17-2030 Biomedical Engineers

17-2031 Biomedical Engineers

17-2040 Chemical Engineers

17-2041 Chemical Engineers

17-2050 Civil Engineers

17-2051 Civil Engineers

17-2060 Computer Hardware Engineers

17-2061 Computer Hardware Engineers

17-2070 Electrical and Electronics Engineers

17-2071 Electrical Engineers

17-2072 Electronics Engineers, Except Computer

17-2080 Environmental Engineers

17-2081 Environmental Engineers

17-2110 Industrial Engineers, Including Health and Safety

17-2111 Health and Safety Engineers, Except Mining Safety Engineers and Inspectors

17-2112 Industrial Engineers

17-2120 Marine Engineers and Naval Architects

17-2121 Marine Engineers and Naval Architects

17-2130 Materials Engineers

17-2131 Materials Engineers

17-2140 Mechanical Engineers

17-2141 Mechanical Engineers

17-2150 Mining and Geological Engineers, Including Mining Safety Engineers

17-2151 Mining and Geological Engineers, Including Mining Safety Engineers

17-2160 Nuclear Engineers

17-2161 Nuclear Engineers

17-2170 Petroleum Engineers

17-2171 Petroleum Engineers

17-2190 Miscellaneous Engineers

17-2199 Engineers, All Other

## **17-3000 Drafters, Engineering, and Mapping Technicians**

17-3010 Drafters

17-3011 Architectural and Civil Drafters

17-3012 Electrical and Electronics Drafters

17-3013 Mechanical Drafters



17-3019 Drafters, All Other

17-3020 Engineering Technicians, Except Drafters

17-3021 Aerospace Engineering and Operations Technicians

17-3022 Civil Engineering Technicians

17-3023 Electrical and Electronic Engineering Technicians

17-3024 Electro-Mechanical Technicians

17-3025 Environmental Engineering Technicians

17-3026 Industrial Engineering Technicians

17-3027 Mechanical Engineering Technicians

17-3029 Engineering Technicians, Except Drafters, All Other

17-3030 Surveying and Mapping Technicians

17-3031 Surveying and Mapping Technicians

## **LIFE, PHYSICAL, AND SOCIAL SCIENCE OCCUPATIONS**

### **19-1000 Life Scientists**

19-1010 Agricultural and Food Scientists

19-1011 Animal Scientists

19-1012 Food Scientists and Technologists

19-1013 Soil and Plant Scientists

19-1020 Biological Scientists

19-1021 Biochemists and Biophysicists

19-1022 Microbiologists

19-1023 Zoologists and Wildlife Biologists

19-1029 Biological Scientists, All Other

19-1030 Conservation Scientists and Foresters

19-1031 Conservation Scientists

19-1032 Foresters

19-1040 Medical Scientists

19-1041 Epidemiologists

19-1042 Medical Scientists, Except Epidemiologists

19-1090 Miscellaneous Life Scientists

19-1099 Life Scientists, All Other

### **19-2000 Physical Scientists**

19-2010 Astronomers and Physicists

19-2011 Astronomers

19-2012 Physicists

19-2020 Atmospheric and Space Scientists

19-2021 Atmospheric and Space Scientists

19-2030 Chemists and Materials Scientists

19-2031 Chemists

19-2032 Materials Scientists

19-2040 Environmental Scientists and Geoscientists

19-2041 Environmental Scientists and Specialists, Including Health

19-2042 Geoscientists, Except Hydrologists and Geographers

19-2043 Hydrologists

19-2090 Miscellaneous Physical Scientists

19-2099 Physical Scientists, All Other

### **19-3000 Social Scientists and Related Workers**

19-3010 Economists

19-3011 Economists

19-3020 Market and Survey Researchers

19-3021 Market Research Analysts

19-3022 Survey Researchers

19-3030 Psychologists

19-3031 Clinical, Counseling, and School Psychologists

19-3032 Industrial-Organizational Psychologists

19-3039 Psychologists, All Other

19-3040 Sociologists

19-3041 Sociologists

19-3050 Urban and Regional Planners

19-3051 Urban and Regional Planners

19-3090 Miscellaneous Social Scientists and Related Workers

19-3091 Anthropologists and Archeologists

19-3092 Geographers

19-3093 Historians

19-3094 Political Scientists

19-3099 Social Scientists and Related Workers, All Other

**19-4000 Life, Physical, and Social Science Technicians**

19-4010 Agricultural and Food Science Technicians

19-4011 Agricultural and Food Science Technicians

19-4020 Biological Technicians

19-4021 Biological Technicians

19-4030 Chemical Technicians

19-4031 Chemical Technicians

19-4040 Geological and Petroleum Technicians

19-4041 Geological and Petroleum Technicians

19-4050 Nuclear Technicians

19-4051 Nuclear Technicians

19-4060 Social Science Research Assistants

19-4061 Social Science Research Assistants

19-4090 Miscellaneous Life, Physical, and Social Science Technicians

19-4091 Environmental Science and Protection Technicians, Including Health

19-4092 Forensic Science Technicians

19-4093 Forest and Conservation Technicians

19-4099 Life, Physical, and Social Science Technicians, All Other

## COMMUNITY AND SOCIAL SERVICES OCCUPATIONS

### 21-1000 Counselors, Social Workers, and Other Community and Social Service Specialists

21-1010 Counselors

21-1011 Substance Abuse and Behavioral Disorder Counselors

21-1012 Educational, Vocational, and School Counselors

21-1013 Marriage and Family Therapists

21-1014 Mental Health Counselors

21-1015 Rehabilitation Counselors

21-1019 Counselors, All Other

21-1020 Social Workers

21-1021 Child, Family, and School Social Workers

21-1022 Medical and Public Health Social Workers

21-1023 Mental Health and Substance Abuse Social Workers

21-1029 Social Workers, All Other

21-1090 Miscellaneous Community and Social Service Specialists

21-1091 Health Educators

21-1092 Probation Officers and Correctional Treatment Specialists

21-1093 Social and Human Service Assistants

21-1099 Community and Social Service Specialists, All Other

### 21-2000 Religious Workers

21-2010 Clergy

21-2011 Clergy

21-2020 Directors, Religious Activities and Education

21-2021 Directors, Religious Activities and Education

21-2090 Miscellaneous Religious Workers

21-2099 Religious Workers, All Other

## LEGAL OCCUPATIONS

### 23-1000 Lawyers, Judges, and Related Workers

23-1010 Lawyers

23-1011 Lawyers

23-1020 Judges, Magistrates, and Other Judicial Workers

23-1021 Administrative Law Judges, Adjudicators, and Hearing Officers

23-1022 Arbitrators, Mediators, and Conciliators

23-1023 Judges, Magistrate Judges, and Magistrates

### 23-2000 Legal Support Workers

23-2010 Paralegals and Legal Assistants

23-2011 Paralegals and Legal Assistants

23-2090 Miscellaneous Legal Support Workers

23-2091 Court Reporters

23-2092 Law Clerks

23-2093 Title Examiners, Abstractors, and Searchers

23-2099 Legal Support Workers, All Other

## EDUCATION, TRAINING, AND LIBRARY OCCUPATIONS

### 25-1000 Postsecondary Teachers

25-1010 Business Teachers, Postsecondary

25-1011 Business Teachers, Postsecondary

25-1020 Math and Computer Teachers, Postsecondary

25-1021 Computer Science Teachers, Postsecondary

25-1022 Mathematical Science Teachers, Postsecondary

25-1030 Engineering and Architecture Teachers, Postsecondary

25-1031 Architecture Teachers, Postsecondary

25-1032 Engineering Teachers, Postsecondary

25-1040 Life Sciences Teachers, Postsecondary

25-1041 Agricultural Sciences Teachers, Postsecondary

25-1042 Biological Science Teachers, Postsecondary

25-1043 Forestry and Conservation Science Teachers, Postsecondary

25-1050 Physical Sciences Teachers, Postsecondary

25-1051 Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary

25-1052 Chemistry Teachers, Postsecondary

25-1053 Environmental Science Teachers, Postsecondary

25-1054 Physics Teachers, Postsecondary

25-1060 Social Sciences Teachers, Postsecondary

25-1061 Anthropology and Archeology Teachers, Postsecondary

25-1062 Area, Ethnic, and Cultural Studies Teachers, Postsecondary

25-1063 Economics Teachers, Postsecondary

25-1064 Geography Teachers, Postsecondary

25-1065 Political Science Teachers, Postsecondary

25-1066 Psychology Teachers, Postsecondary

25-1067 Sociology Teachers, Postsecondary

25-1069 Social Sciences Teachers, Postsecondary, All Other

25-1070 Health Teachers, Postsecondary

25-1071 Health Specialties Teachers, Postsecondary

25-1072 Nursing Instructors and Teachers, Postsecondary

25-1080 Education and Library Science Teachers, Postsecondary

25-1081 Education Teachers, Postsecondary

25-1082 Library Science Teachers, Postsecondary

25-1110 Law, Criminal Justice, and Social Work Teachers, Postsecondary

25-1111 Criminal Justice and Law Enforcement Teachers, Postsecondary

25-1112 Law Teachers, Postsecondary

25-1113 Social Work Teachers, Postsecondary

25-1120 Arts, Communications, and Humanities Teachers, Postsecondary

25-1121 Art, Drama, and Music Teachers, Postsecondary

25-1122 Communications Teachers, Postsecondary

25-1123 English Language and Literature Teachers, Postsecondary

25-1124 Foreign Language and Literature Teachers, Postsecondary

25-1125 History Teachers, Postsecondary

25-1126 Philosophy and Religion Teachers, Postsecondary

25-1190 Miscellaneous Postsecondary Teachers

25-1191 Graduate Teaching Assistants

25-1192 Home Economics Teachers, Postsecondary

25-1193 Recreation and Fitness Studies Teachers, Postsecondary

25-1194 Vocational Education Teachers, Postsecondary

25-1199 Postsecondary Teachers, All Other

### **25-2000 Primary, Secondary, and Special Education School Teachers**

25-2010 Preschool and Kindergarten Teachers

25-2011 Preschool Teachers, Except Special Education

25-2012 Kindergarten Teachers, Except Special Education

25-2020 Elementary and Middle School Teachers

25-2021 Elementary School Teachers, Except Special Education

25-2022 Middle School Teachers, Except Special and Vocational Education

25-2023 Vocational Education Teachers, Middle School

25-2030 Secondary School Teachers

25-2031 Secondary School Teachers, Except Special and Vocational Education

25-2032 Vocational Education Teachers, Secondary School

25-2040 Special Education Teachers

25-2041 Special Education Teachers, Preschool, Kindergarten, and Elementary School

25-2042 Special Education Teachers, Middle School

25-2043 Special Education Teachers, Secondary School

### **25-3000 Other Teachers and Instructors**

25-3010 Adult Literacy, Remedial Education, and GED Teachers and Instructors

25-3011 Adult Literacy, Remedial Education, and GED Teachers and Instructors

25-3020 Self-Enrichment Education Teachers

25-3021 Self-Enrichment Education Teachers

25-3090 Miscellaneous Teachers and Instructors

25-3099 Teachers and Instructors, All Other

### 25-4000 Librarians, Curators, and Archivists

25-4010 Archivists, Curators, and Museum Technicians

25-4011 Archivists

25-4012 Curators

25-4013 Museum Technicians and Conservators

25-4020 Librarians

25-4021 Librarians

25-4030 Library Technicians

25-4031 Library Technicians

### 25-9000 Other Education, Training, and Library Occupations

25-9010 Audio-Visual Collections Specialists

25-9011 Audio-Visual Collections Specialists

25-9020 Farm and Home Management Advisors

25-9021 Farm and Home Management Advisors

25-9030 Instructional Coordinators

25-9031 Instructional Coordinators

25-9040 Teacher Assistants

25-9041 Teacher Assistants

25-9090 Miscellaneous Education, Training, and Library Workers

25-9099 Education, Training, and Library Workers, All Other

## ARTS, DESIGN, ENTERTAINMENT, SPORTS, AND MEDIA OCCUPATIONS

### 27-1000 Art and Design Workers

27-1010 Artists and Related Workers

27-1011 Art Directors

27-1012 Craft Artists



27-1013 Fine Artists, Including Painters, Sculptors, and Illustrators

27-1014 Multi-Media Artists and Animators

27-1019 Artists and Related Workers, All Other

27-1020 Designers

27-1021 Commercial and Industrial Designers

27-1022 Fashion Designers

27-1023 Floral Designers

27-1024 Graphic Designers

27-1025 Interior Designers

27-1026 Merchandise Displayers and Window Trimmers

27-1027 Set and Exhibit Designers

27-1029 Designers, All Other

**27-2000 Entertainers and Performers, Sports and Related Workers**

27-2010 Actors, Producers, and Directors

27-2011 Actors

27-2012 Producers and Directors

27-2020 Athletes, Coaches, Umpires, and Related Workers

27-2021 Athletes and Sports Competitors

27-2022 Coaches and Scouts

27-2023 Umpires, Referees, and Other Sports Officials

27-2030 Dancers and Choreographers

27-2031 Dancers

27-2032 Choreographers

27-2040 Musicians, Singers, and Related Workers

27-2041 Music Directors and Composers

27-2042 Musicians and Singers

27-2090 Miscellaneous Entertainers and Performers, Sports and Related Workers

27-2099 Entertainers and Performers, Sports and Related Workers, All Other

## **27-3000 Media and Communication Workers**

27-3010 Announcers

27-3011 Radio and Television Announcers

27-3012 Public Address System and Other Announcers

27-3020 News Analysts, Reporters and Correspondents

27-3021 Broadcast News Analysts

27-3022 Reporters and Correspondents

27-3030 Public Relations Specialists

27-3031 Public Relations Specialists

27-3040 Writers and Editors

27-3041 Editors

27-3042 Technical Writers

27-3043 Writers and Authors

27-3090 Miscellaneous Media and Communication Workers

27-3091 Interpreters and Translators

27-3099 Media and Communication Workers, All Other

## **27-4000 Media and Communication Equipment Workers**

27-4010 Broadcast and Sound Engineering Technicians and Radio Operators

27-4011 Audio and Video Equipment Technicians

27-4012 Broadcast Technicians

27-4013 Radio Operators

27-4014 Sound Engineering Technicians

27-4020 Photographers

27-4021 Photographers

27-4030 Television, Video, and Motion Picture Camera Operators and Editors

27-4031 Camera Operators, Television, Video, and Motion Picture

27-4032 Film and Video Editors

27-4090 Miscellaneous Media and Communication Equipment Workers

27-4099 Media and Communication Equipment Workers, All Other

## HEALTHCARE PRACTITIONERS AND TECHNICAL OCCUPATIONS

### 29-1000 Health Diagnosing and Treating Practitioners

29-1010 Chiropractors

29-1011 Chiropractors

29-1020 Dentists

29-1021 Dentists, General

29-1022 Oral and Maxillofacial Surgeons

29-1023 Orthodontists

29-1024 Prosthodontists

29-1029 Dentists, All Other Specialists

29-1030 Dietitians and Nutritionists

29-1031 Dietitians and Nutritionists

29-1040 Optometrists

29-1041 Optometrists

29-1050 Pharmacists

29-1051 Pharmacists

29-1060 Physicians and Surgeons

29-1061 Anesthesiologists

29-1062 Family and General Practitioners

29-1063 Internists, General

29-1064 Obstetricians and Gynecologists

29-1065 Pediatricians, General

29-1066 Psychiatrists

29-1067 Surgeons

29-1069 Physicians and Surgeons, All Other

29-1070 Physician Assistants

29-1071 Physician Assistants

29-1080 Podiatrists

29-1081 Podiatrists

29-1110 Registered Nurses

29-1111 Registered Nurses

29-1120 Therapists

29-1121 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

29-1129 Therapists, All Other

29-1130 Veterinarians

29-1131 Veterinarians

29-1190 Miscellaneous Health Diagnosing and Treating Practitioners

29-1199 Health Diagnosing and Treating Practitioners, All Other

**29-2000 Health Technologists and Technicians**

29-2010 Clinical Laboratory Technologists and Technicians

29-2011 Medical and Clinical Laboratory Technologists

29-2012 Medical and Clinical Laboratory Technicians

29-2020 Dental Hygienists

29-2021 Dental Hygienists

29-2030 Diagnostic Related Technologists and Technicians

29-2031 Cardiovascular Technologists and Technicians

29-2032 Diagnostic Medical Sonographers

29-2033 Nuclear Medicine Technologists

29-2034 Radiologic Technologists and Technicians

29-2040 Emergency Medical Technicians and Paramedics

29-2041 Emergency Medical Technicians and Paramedics

29-2050 Health Diagnosing and Treating Practitioner Support Technicians

29-2051 Dietetic Technicians

29-2052 Pharmacy Technicians

29-2053 Psychiatric Technicians

29-2054 Respiratory Therapy Technicians

29-2055 Surgical Technologists

29-2056 Veterinary Technologists and Technicians

29-2060 Licensed Practical and Licensed Vocational Nurses

29-2061 Licensed Practical and Licensed Vocational Nurses

29-2070 Medical Records and Health Information Technicians

29-2071 Medical Records and Health Information Technicians

29-2080 Opticians, Dispensing

29-2081 Opticians, Dispensing

29-2090 Miscellaneous Health Technologists and Technicians

29-2091 Orthotists and Prosthetists

29-2099 Health Technologists and Technicians, All Other

### **29-9000 Other Healthcare Practitioners and Technical Occupations**

29-9010 Occupational Health and Safety Specialists and Technicians

29-9011 Occupational Health and Safety Specialists

29-9012 Occupational Health and Safety Technicians

29-9090 Miscellaneous Health Practitioners and Technical Workers

29-9091 Athletic Trainers

29-9099 Healthcare Practitioners and Technical Workers, All Other

### **HEALTHCARE SUPPORT OCCUPATIONS**

#### **31-1000 Nursing, Psychiatric, and Home Health Aides**

31-1010 Nursing, Psychiatric, and Home Health Aides

31-1011 Home Health Aides

31-1012 Nursing Aides, Orderlies, and Attendants

31-1013 Psychiatric Aides

## **31-2000 Occupational and Physical Therapist Assistants and Aides**

31-2010 Occupational Therapist Assistants and Aides

31-2011 Occupational Therapist Assistants

31-2012 Occupational Therapist Aides

31-2020 Physical Therapist Assistants and Aides

31-2021 Physical Therapist Assistants

31-2022 Physical Therapist Aides

## **31-9000 Other Healthcare Support Occupations**

31-9010 Massage Therapists

31-9011 Massage Therapists

31-9090 Miscellaneous Healthcare Support Occupations

31-9091 Dental Assistants

31-9092 Medical Assistants

31-9093 Medical Equipment Preparers

31-9094 Medical Transcriptionists

31-9095 Pharmacy Aides

31-9096 Veterinary Assistants and Laboratory Animal Caretakers

31-9099 Healthcare Support Workers, All Other

## **PROTECTIVE SERVICE OCCUPATIONS**

### **33-1000 First-Line Supervisors/Managers, Protective Service Workers**

33-1010 First-Line Supervisors/Managers, Law Enforcement Workers

33-1011 First-Line Supervisors/Managers of Correctional Officers

33-1012 First-Line Supervisors/Managers of Police and Detectives

33-1020 First-Line Supervisors/Managers, Fire Fighting and Prevention Workers

33-1021 First-Line Supervisors/Managers of Fire Fighting and Prevention Workers

33-1090 Miscellaneous First-Line Supervisors/Managers, Protective Service Workers

33-1099 First-Line Supervisors/Managers, Protective Service Workers, All Other

### **33-2000 Fire Fighting and Prevention Workers**

33-2010 Fire Fighters

33-2011 Fire Fighters

33-2020 Fire Inspectors

33-2021 Fire Inspectors and Investigators

33-2022 Forest Fire Inspectors and Prevention Specialists

### **33-3000 Law Enforcement Workers**

33-3010 Bailiffs, Correctional Officers, and Jailers

33-3011 Bailiffs

33-3012 Correctional Officers and Jailers

33-3020 Detectives and Criminal Investigators

33-3021 Detectives and Criminal Investigators

33-3030 Fish and Game Wardens

33-3031 Fish and Game Wardens

33-3040 Parking Enforcement Workers

33-3041 Parking Enforcement Workers

33-3050 Police Officers

33-3051 Police and Sheriff's Patrol Officers

33-3052 Transit and Railroad Police

### **33-9000 Other Protective Service Workers**

33-9010 Animal Control Workers

33-9011 Animal Control Workers

33-9020 Private Detectives and Investigators

33-9021 Private Detectives and Investigators

33-9030 Security Guards and Gaming Surveillance Officers

33-9031 Gaming Surveillance Officers and Gaming Investigators

33-9032 Security Guards

33-9090 Miscellaneous Protective Service Workers

33-9091 Crossing Guards

33-9092 Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers

33-9099 Protective Service Workers, All Other

## **FOOD PREPARATION AND SERVING RELATED OCCUPATIONS**

### **35-1000 Supervisors, Food Preparation and Serving Workers**

35-1010 First-Line Supervisors/Managers, Food Preparation and Serving Workers

35-1011 Chefs and Head Cooks

35-1012 First-Line Supervisors/Managers of Food Preparation and Serving Workers

### **35-2000 Cooks and Food Preparation Workers**

35-2010 Cooks

35-2011 Cooks, Fast Food

35-2012 Cooks, Institution and Cafeteria

35-2013 Cooks, Private Household

35-2014 Cooks, Restaurant

35-2015 Cooks, Short Order

35-2019 Cooks, All Other

35-2020 Food Preparation Workers

35-2021 Food Preparation Workers

### **35-3000 Food and Beverage Serving Workers**

35-3010 Bartenders

35-3011 Bartenders

35-3020 Fast Food and Counter Workers

35-3021 Combined Food Preparation and Serving Workers, Including Fast Food

35-3022 Counter Attendants, Cafeteria, Food Concession, and Coffee Shop

35-3030 Waiters and Waitresses

35-3031 Waiters and Waitresses

35-3040 Food Servers, Nonrestaurant

35-3041 Food Servers, Nonrestaurant



## **35-9000 Other Food Preparation and Serving Related Workers**

35-9010 Dining Room and Cafeteria Attendants and Bartender Helpers

35-9011 Dining Room and Cafeteria Attendants and Bartender Helpers

35-9020 Dishwashers

35-9021 Dishwashers

35-9030 Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop

35-9031 Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop

35-9090 Miscellaneous Food Preparation and Serving Related Workers

35-9099 Food Preparation and Serving Related Workers, All Other

## **BUILDING AND GROUNDS CLEANING AND MAINTENANCE OCCUPATIONS**

### **37-1000 Supervisors, Building and Grounds Cleaning and Maintenance Workers**

37-1010 First-Line Supervisors/Managers, Building and Grounds Cleaning and Maintenance Workers

37-1011 First-Line Supervisors/Managers of Housekeeping and Janitorial Workers

37-1012 First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers

### **37-2000 Building Cleaning and Pest Control Workers**

37-2010 Building Cleaning Workers

37-2011 Janitors and Cleaners, Except Maids and Housekeeping Cleaners

37-2012 Maids and Housekeeping Cleaners

37-2019 Building Cleaning Workers, All Other

37-2020 Pest Control Workers

37-2021 Pest Control Workers

### **37-3000 Grounds Maintenance Workers**

37-3010 Grounds Maintenance Workers

37-3011 Landscaping and Groundskeeping Workers

37-3012 Pesticide Handlers, Sprayers, and Applicators, Vegetation

37-3013 Tree Trimmers and Pruners

37-3019 Grounds Maintenance Workers, All Other

## **PERSONAL CARE AND SERVICE OCCUPATIONS**

### **39-1000 Supervisors, Personal Care and Service Workers**

39-1010 First-Line Supervisors/Managers of Gaming Workers

39-1011 Gaming Supervisors

39-1012 Slot Key Persons

39-1020 First-Line Supervisors/Managers of Personal Service Workers

39-1021 First-Line Supervisors/Managers of Personal Service Workers

### **39-2000 Animal Care and Service Workers**

39-2010 Animal Trainers

39-2011 Animal Trainers

39-2020 Nonfarm Animal Caretakers

39-2021 Nonfarm Animal Caretakers

### **39-3000 Entertainment Attendants and Related Workers**

39-3010 Gaming Services Workers

39-3011 Gaming Dealers

39-3012 Gaming and Sports Book Writers and Runners

39-3019 Gaming Service Workers, All Other

39-3020 Motion Picture Projectionists

39-3021 Motion Picture Projectionists

39-3030 Ushers, Lobby Attendants, and Ticket Takers

39-3031 Ushers, Lobby Attendants, and Ticket Takers

39-3090 Miscellaneous Entertainment Attendants and Related Workers

39-3091 Amusement and Recreation Attendants

39-3092 Costume Attendants

39-3093 Locker Room, Coatroom, and Dressing Room Attendants

39-3099 Entertainment Attendants and Related Workers, All Other

## 39-4000 Funeral Service Workers

39-4010 Embalmers

39-4011 Embalmers

39-4020 Funeral Attendants

39-4021 Funeral Attendants

## 39-5000 Personal Appearance Workers

39-5010 Barbers and Cosmetologists

39-5011 Barbers

39-5012 Hairdressers, Hairstylists, and Cosmetologists

39-5090 Miscellaneous Personal Appearance Workers

39-5091 Makeup Artists, Theatrical and Performance

39-5092 Manicurists and Pedicurists

39-5093 Shampooers

39-5094 Skin Care Specialists

## 39-6000 Transportation, Tourism, and Lodging Attendants

39-6010 Baggage Porters, Bellhops, and Concierges

39-6011 Baggage Porters and Bellhops

39-6012 Concierges

39-6020 Tour and Travel Guides

39-6021 Tour Guides and Escorts

39-6022 Travel Guides

39-6030 Transportation Attendants

39-6031 Flight Attendants

39-6032 Transportation Attendants, Except Flight Attendants and Baggage Porters

## 39-9000 Other Personal Care and Service Workers

39-9010 Child Care Workers

39-9011 Child Care Workers

39-9020 Personal and Home Care Aides

39-9021 Personal and Home Care Aides

39-9030 Recreation and Fitness Workers

39-9031 Fitness Trainers and Aerobics Instructors

39-9032 Recreation Workers

39-9040 Residential Advisors

39-9041 Residential Advisors

39-9090 Miscellaneous Personal Care and Service Workers

39-9099 Personal Care and Service Workers, All Other

## **SALES AND RELATED OCCUPATIONS**

### **41-1000 Supervisors, Sales Workers**

41-1010 First-Line Supervisors/Managers, Sales Workers

41-1011 First-Line Supervisors/Managers of Retail Sales Workers

41-1012 First-Line Supervisors/Managers of Non-Retail Sales Workers

### **41-2000 Retail Sales Workers**

41-2010 Cashiers

41-2011 Cashiers

41-2012 Gaming Change Persons and Booth Cashiers

41-2020 Counter and Rental Clerks and Parts Salespersons

41-2021 Counter and Rental Clerks

41-2022 Parts Salespersons

41-2030 Retail Salespersons

41-2031 Retail Salespersons

### **41-3000 Sales Representatives, Services**

41-3010 Advertising Sales Agents

41-3011 Advertising Sales Agents

41-3020 Insurance Sales Agents

41-3021 Insurance Sales Agents

41-3030 Securities, Commodities, and Financial Services Sales Agents

41-3031 Securities, Commodities, and Financial Services Sales Agents

41-3040 Travel Agents

41-3041 Travel Agents

41-3090 Miscellaneous Sales Representatives, Services

41-3099 Sales Representatives, Services, All Other

### **41-4000 Sales Representatives, Wholesale and Manufacturing**

41-4010 Sales Representatives, Wholesale and Manufacturing

41-4011 Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products

41-4012 Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products

### **41-9000 Other Sales and Related Workers**

41-9010 Models, Demonstrators, and Product Promoters

41-9011 Demonstrators and Product Promoters

41-9012 Models

41-9020 Real Estate Brokers and Sales Agents

41-9021 Real Estate Brokers

41-9022 Real Estate Sales Agents

41-9030 Sales Engineers

41-9031 Sales Engineers

41-9040 Telemarketers

41-9041 Telemarketers

41-9090 Miscellaneous Sales and Related Workers

41-9091 Door-To-Door Sales Workers, News and Street Vendors, and Related Workers

41-9099 Sales and Related Workers, All Other

## **OFFICE AND ADMINISTRATIVE SUPPORT OCCUPATIONS**

### **43-1000 Supervisors, Office and Administrative Support Workers**

43-1010 First-Line Supervisors/Managers of Office and Administrative Support Workers

43-1011 First-Line Supervisors/Managers of Office and Administrative Support Workers

### **43-2000 Communications Equipment Operators**

43-2010 Switchboard Operators, Including Answering Service

43-2011 Switchboard Operators, Including Answering Service

43-2020 Telephone Operators

43-2021 Telephone Operators

43-2090 Miscellaneous Communications Equipment Operators

43-2099 Communications Equipment Operators, All Other

**43-3000 Financial Clerks**

43-3010 Bill and Account Collectors

43-3011 Bill and Account Collectors

43-3020 Billing and Posting Clerks and Machine Operators

43-3021 Billing and Posting Clerks and Machine Operators

43-3030 Bookkeeping, Accounting, and Auditing Clerks

43-3031 Bookkeeping, Accounting, and Auditing Clerks

43-3040 Gaming Cage Workers

43-3041 Gaming Cage Workers

43-3050 Payroll and Timekeeping Clerks

43-3051 Payroll and Timekeeping Clerks

43-3060 Procurement Clerks

43-3061 Procurement Clerks

43-3070 Tellers

43-3071 Tellers

**43-4000 Information and Record Clerks**

43-4010 Brokerage Clerks

43-4011 Brokerage Clerks

43-4020 Correspondence Clerks

43-4021 Correspondence Clerks

43-4030 Court, Municipal, and License Clerks

43-4031 Court, Municipal, and License Clerks

43-4040 Credit Authorizers, Checkers, and Clerks

43-4041 Credit Authorizers, Checkers, and Clerks

43-4050 Customer Service Representatives

43-4051 Customer Service Representatives

43-4060 Eligibility Interviewers, Government Programs

43-4061 Eligibility Interviewers, Government Programs

43-4070 File Clerks

43-4071 File Clerks

43-4080 Hotel, Motel, and Resort Desk Clerks

43-4081 Hotel, Motel, and Resort Desk Clerks

43-4110 Interviewers, Except Eligibility and Loan

43-4111 Interviewers, Except Eligibility and Loan

43-4120 Library Assistants, Clerical

43-4121 Library Assistants, Clerical

43-4130 Loan Interviewers and Clerks

43-4131 Loan Interviewers and Clerks

43-4140 New Accounts Clerks

43-4141 New Accounts Clerks

43-4150 Order Clerks

43-4151 Order Clerks

43-4160 Human Resources Assistants, Except Payroll and Timekeeping

43-4161 Human Resources Assistants, Except Payroll and Timekeeping

43-4170 Receptionists and Information Clerks

43-4171 Receptionists and Information Clerks

43-4180 Reservation and Transportation Ticket Agents and Travel Clerks

43-4181 Reservation and Transportation Ticket Agents and Travel Clerks

43-4190 Miscellaneous Information and Record Clerks

43-4199 Information and Record Clerks, All Other

**43-5000 Material Recording, Scheduling, Dispatching, and Distributing Workers**

43-5010 Cargo and Freight Agents

43-5011 Cargo and Freight Agents

43-5020 Couriers and Messengers

43-5021 Couriers and Messengers

43-5030 Dispatchers

43-5031 Police, Fire, and Ambulance Dispatchers

43-5032 Dispatchers, Except Police, Fire, and Ambulance

43-5040 Meter Readers, Utilities

43-5041 Meter Readers, Utilities

43-5050 Postal Service Workers

43-5051 Postal Service Clerks

43-5052 Postal Service Mail Carriers

43-5053 Postal Service Mail Sorters, Processors, and Processing Machine Operators

43-5060 Production, Planning, and Expediting Clerks

43-5061 Production, Planning, and Expediting Clerks

43-5070 Shipping, Receiving, and Traffic Clerks

43-5071 Shipping, Receiving, and Traffic Clerks

43-5080 Stock Clerks and Order Fillers

43-5081 Stock Clerks and Order Fillers

43-5110 Weighers, Measurers, Checkers, and Samplers, Recordkeeping

43-5111 Weighers, Measurers, Checkers, and Samplers, Recordkeeping

### **43-6000 Secretaries and Administrative Assistants**

43-6010 Secretaries and Administrative Assistants

43-6011 Executive Secretaries and Administrative Assistants

43-6012 Legal Secretaries

43-6013 Medical Secretaries

43-6014 Secretaries, Except Legal, Medical, and Executive

### **43-9000 Other Office and Administrative Support Workers**

43-9010 Computer Operators

43-9011 Computer Operators

43-9020 Data Entry and Information Processing Workers



43-9021 Data Entry Keyers

43-9022 Word Processors and Typists

43-9030 Desktop Publishers

43-9031 Desktop Publishers

43-9040 Insurance Claims and Policy Processing Clerks

43-9041 Insurance Claims and Policy Processing Clerks

43-9050 Mail Clerks and Mail Machine Operators, Except Postal Service

43-9051 Mail Clerks and Mail Machine Operators, Except Postal Service

43-9060 Office Clerks, General

43-9061 Office Clerks, General

43-9070 Office Machine Operators, Except Computer

43-9071 Office Machine Operators, Except Computer

43-9080 Proofreaders and Copy Markers

43-9081 Proofreaders and Copy Markers

43-9110 Statistical Assistants

43-9111 Statistical Assistants

43-9190 Miscellaneous Office and Administrative Support Workers

43-9199 Office and Administrative Support Workers, All Other

## **FARMING, FISHING, AND FORESTRY OCCUPATIONS**

### **45-1000 Supervisors, Farming, Fishing, and Forestry Workers**

45-1010 First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers

45-1011 First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers

45-1012 Farm Labor Contractors

### **45-2000 Agricultural Workers**

45-2010 Agricultural Inspectors

45-2011 Agricultural Inspectors

45-2020 Animal Breeders

45-2021 Animal Breeders

45-2040 Graders and Sorters, Agricultural Products

45-2041 Graders and Sorters, Agricultural Products

45-2090 Miscellaneous Agricultural Workers

45-2091 Agricultural Equipment Operators

45-2092 Farmworkers and Laborers, Crop, Nursery, and Greenhouse

45-2093 Farmworkers, Farm and Ranch Animals

45-2099 Agricultural Workers, All Other

### **45-3000 Fishing and Hunting Workers**

45-3010 Fishers and Related Fishing Workers

45-3011 Fishers and Related Fishing Workers

45-3020 Hunters and Trappers

45-3021 Hunters and Trappers

### **45-4000 Forest, Conservation, and Logging Workers**

45-4010 Forest and Conservation Workers

45-4011 Forest and Conservation Workers

45-4020 Logging Workers

45-4021 Fallers

45-4022 Logging Equipment Operators

45-4023 Log Graders and Scalers

45-4029 Logging Workers, All Other

## **CONSTRUCTION AND EXTRACTION OCCUPATIONS**

### **47-1000 Supervisors, Construction and Extraction Workers**

47-1010 First-Line Supervisors/Managers of Construction Trades and Extraction Workers

47-1011 First-Line Supervisors/Managers of Construction Trades and Extraction Workers

### **47-2000 Construction Trades Workers**

47-2010 Boilermakers

47-2011 Boilermakers

47-2020 Brickmasons, Blockmasons, and Stonemasons

47-2021 Brickmasons and Blockmasons

47-2022 Stonemasons

47-2030 Carpenters

47-2031 Carpenters

47-2040 Carpet, Floor, and Tile Installers and Finishers

47-2041 Carpet Installers

47-2042 Floor Layers, Except Carpet, Wood, and Hard Tiles

47-2043 Floor Sanders and Finishers

47-2044 Tile and Marble Setters

47-2050 Cement Masons, Concrete Finishers, and Terrazzo Workers

47-2051 Cement Masons and Concrete Finishers

47-2053 Terrazzo Workers and Finishers

47-2060 Construction Laborers

47-2061 Construction Laborers

47-2070 Construction Equipment Operators

47-2071 Paving, Surfacing, and Tamping Equipment Operators

47-2072 Pile-Driver Operators

47-2073 Operating Engineers and Other Construction Equipment Operators

47-2080 Drywall Installers, Ceiling Tile Installers, and Tapers

47-2081 Drywall and Ceiling Tile Installers

47-2082 Tapers

47-2110 Electricians

47-2111 Electricians

47-2120 Glaziers

47-2121 Glaziers

47-2130 Insulation Workers

47-2131 Insulation Workers, Floor, Ceiling, and Wall

47-2132 Insulation Workers, Mechanical

47-2140 Painters and Paperhangers

47-2141 Painters, Construction and Maintenance

47-2142 Paperhangers

47-2150 Pipelayers, Plumbers, Pipefitters, and Steamfitters

47-2151 Pipelayers

47-2152 Plumbers, Pipefitters, and Steamfitters

47-2160 Plasterers and Stucco Masons

47-2161 Plasterers and Stucco Masons

47-2170 Reinforcing Iron and Rebar Workers

47-2171 Reinforcing Iron and Rebar Workers

47-2180 Roofers

47-2181 Roofers

47-2210 Sheet Metal Workers

47-2211 Sheet Metal Workers

47-2220 Structural Iron and Steel Workers

47-2221 Structural Iron and Steel Workers

### **47-3000 Helpers, Construction Trades**

47-3010 Helpers, Construction Trades

47-3011 Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters

47-3012 Helpers--Carpenters

47-3013 Helpers--Electricians

47-3014 Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons

47-3015 Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters

47-3016 Helpers--Roofers

47-3019 Helpers, Construction Trades, All Other

### **47-4000 Other Construction and Related Workers**

47-4010 Construction and Building Inspectors

47-4011 Construction and Building Inspectors

47-4020 Elevator Installers and Repairers

47-4021 Elevator Installers and Repairers

47-4030 Fence Erectors

47-4031 Fence Erectors

47-4040 Hazardous Materials Removal Workers

47-4041 Hazardous Materials Removal Workers

47-4050 Highway Maintenance Workers

47-4051 Highway Maintenance Workers

47-4060 Rail-Track Laying and Maintenance Equipment Operators

47-4061 Rail-Track Laying and Maintenance Equipment Operators

47-4070 Septic Tank Servicers and Sewer Pipe Cleaners

47-4071 Septic Tank Servicers and Sewer Pipe Cleaners

47-4090 Miscellaneous Construction and Related Workers

47-4091 Segmental Pavers

47-4099 Construction and Related Workers, All Other

### 47-5000 Extraction Workers

47-5010 Derrick, Rotary Drill, and Service Unit Operators, Oil, Gas, and Mining

47-5011 Derrick Operators, Oil and Gas

47-5012 Rotary Drill Operators, Oil and Gas

47-5013 Service Unit Operators, Oil, Gas, and Mining

47-5020 Earth Drillers, Except Oil and Gas

47-5021 Earth Drillers, Except Oil and Gas

47-5030 Explosives Workers, Ordnance Handling Experts, and Blasters

47-5031 Explosives Workers, Ordnance Handling Experts, and Blasters

47-5040 Mining Machine Operators

47-5041 Continuous Mining Machine Operators

47-5042 Mine Cutting and Channeling Machine Operators

47-5049 Mining Machine Operators, All Other

47-5050 Rock Splitters, Quarry

47-5051 Rock Splitters, Quarry

47-5060 Roof Bolters, Mining

47-5061 Roof Bolters, Mining  
47-5070 Roustabouts, Oil and Gas  
47-5071 Roustabouts, Oil and Gas  
47-5080 Helpers--Extraction Workers  
47-5081 Helpers--Extraction Workers  
47-5090 Miscellaneous Extraction Workers  
47-5099 Extraction Workers, All Other

## **INSTALLATION, MAINTENANCE, AND REPAIR OCCUPATIONS**

### **49-1000 Supervisors of Installation, Maintenance, and Repair Workers**

49-1010 First-Line Supervisors/Managers of Mechanics, Installers, and Repairers  
49-1011 First-Line Supervisors/Managers of Mechanics, Installers, and Repairers

### **49-2000 Electrical and Electronic Equipment Mechanics, Installers, and Repairers**

49-2010 Computer, Automated Teller, and Office Machine Repairers  
49-2011 Computer, Automated Teller, and Office Machine Repairers  
49-2020 Radio and Telecommunications Equipment Installers and Repairers  
49-2021 Radio Mechanics  
49-2022 Telecommunications Equipment Installers and Repairers, Except Line Installers  
49-2090 Miscellaneous Electrical and Electronic Equipment Mechanics, Installers, and Repairers  
49-2091 Avionics Technicians  
49-2092 Electric Motor, Power Tool, and Related Repairers  
49-2093 Electrical and Electronics Installers and Repairers, Transportation Equipment  
49-2094 Electrical and Electronics Repairers, Commercial and Industrial Equipment  
49-2095 Electrical and Electronics Repairers, Powerhouse, Substation, and Relay  
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

### **49-3000 Vehicle and Mobile Equipment Mechanics, Installers, and Repairers**

49-3010 Aircraft Mechanics and Service Technicians

49-3011 Aircraft Mechanics and Service Technicians

49-3020 Automotive Technicians and Repairers

49-3021 Automotive Body and Related Repairers

49-3022 Automotive Glass Installers and Repairers

49-3023 Automotive Service Technicians and Mechanics

49-3030 Bus and Truck Mechanics and Diesel Engine Specialists

49-3031 Bus and Truck Mechanics and Diesel Engine Specialists

49-3040 Heavy Vehicle and Mobile Equipment Service Technicians and Mechanics

49-3041 Farm Equipment Mechanics

49-3042 Mobile Heavy Equipment Mechanics, Except Engines

49-3043 Rail Car Repairers

49-3050 Small Engine Mechanics

49-3051 Motorboat Mechanics

49-3052 Motorcycle Mechanics

49-3053 Outdoor Power Equipment and Other Small Engine Mechanics

49-3090 Miscellaneous Vehicle and Mobile Equipment Mechanics, Installers, and Repairers

49-3091 Bicycle Repairers

49-3092 Recreational Vehicle Service Technicians

49-3093 Tire Repairers and Changers

**49-9000 Other Installation, Maintenance, and Repair Occupations**

49-9010 Control and Valve Installers and Repairers

49-9011 Mechanical Door Repairers

49-9012 Control and Valve Installers and Repairers, Except Mechanical Door

49-9020 Heating, Air Conditioning, and Refrigeration Mechanics and Installers

49-9021 Heating, Air Conditioning, and Refrigeration Mechanics and Installers

49-9030 Home Appliance Repairers

49-9031 Home Appliance Repairers

49-9040 Industrial Machinery Installation, Repair, and Maintenance Workers

49-9041 Industrial Machinery Mechanics

49-9042 Maintenance and Repair Workers, General

49-9043 Maintenance Workers, Machinery

49-9044 Millwrights

49-9045 Refractory Materials Repairers, Except Brickmasons

49-9050 Line Installers and Repairers

49-9051 Electrical Power-Line Installers and Repairers

49-9052 Telecommunications Line Installers and Repairers

49-9060 Precision Instrument and Equipment Repairers

49-9061 Camera and Photographic Equipment Repairers

49-9062 Medical Equipment Repairers

49-9063 Musical Instrument Repairers and Tuners

49-9064 Watch Repairers

49-9069 Precision Instrument and Equipment Repairers, All Other

49-9090 Miscellaneous Installation, Maintenance, and Repair Workers

49-9091 Coin, Vending, and Amusement Machine Servicers and Repairers

49-9092 Commercial Divers

49-9093 Fabric Menders, Except Garment

49-9094 Locksmiths and Safe Repairers

49-9095 Manufactured Building and Mobile Home Installers

49-9096 Riggers

49-9097 Signal and Track Switch Repairers

49-9098 Helpers--Installation, Maintenance, and Repair Workers

49-9099 Installation, Maintenance, and Repair Workers, All Other



## PRODUCTION OCCUPATIONS

### 51-1000 Supervisors, Production Workers

51-1010 First-Line Supervisors/Managers of Production and Operating Workers

51-1011 First-Line Supervisors/Managers of Production and Operating Workers

### 51-2000 Assemblers and Fabricators

51-2010 Aircraft Structure, Surfaces, Rigging, and Systems Assemblers

51-2011 Aircraft Structure, Surfaces, Rigging, and Systems Assemblers

51-2020 Electrical, Electronics, and Electromechanical Assemblers

51-2021 Coil Winders, Tapers, and Finishers

51-2022 Electrical and Electronic Equipment Assemblers

51-2023 Electromechanical Equipment Assemblers

51-2030 Engine and Other Machine Assemblers

51-2031 Engine and Other Machine Assemblers

51-2040 Structural Metal Fabricators and Fitters

51-2041 Structural Metal Fabricators and Fitters

51-2090 Miscellaneous Assemblers and Fabricators

51-2091 Fiberglass Laminators and Fabricators

51-2092 Team Assemblers

51-2093 Timing Device Assemblers, Adjusters, and Calibrators

51-2099 Assemblers and Fabricators, All Other

### 51-3000 Food Processing Workers

51-3010 Bakers

51-3011 Bakers

51-3020 Butchers and Other Meat, Poultry, and Fish Processing Workers

51-3021 Butchers and Meat Cutters

51-3022 Meat, Poultry, and Fish Cutters and Trimmers

51-3023 Slaughterers and Meat Packers

51-3090 Miscellaneous Food 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

**51-4000 Metal Workers and Plastic Workers**

51-4010 Computer Control Programmers and Operators

51-4011 Computer-Controlled Machine Tool Operators, Metal and Plastic

51-4012 Numerical Tool and Process Control Programmers

51-4020 Forming Machine Setters, Operators, and Tenders, Metal and Plastic

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

51-4030 Machine Tool Cutting Setters, Operators, and Tenders, Metal and Plastic

51-4031 Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic

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

51-4035 Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic

51-4040 Machinists

51-4041 Machinists

51-4050 Metal Furnace and Kiln Operators and Tenders

51-4051 Metal-Refining Furnace Operators and Tenders

51-4052 Pourers and Casters, Metal

51-4060 Model Makers and Patternmakers, Metal and Plastic

51-4061 Model Makers, Metal and Plastic

51-4062 Patternmakers, Metal and Plastic

51-4070 Molders and Molding Machine Setters, Operators, and Tenders, Metal and Plastic

51-4071 Foundry Mold and Coremakers

51-4072 Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic

51-4080 Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic

51-4081 Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic

51-4110 Tool and Die Makers

51-4111 Tool and Die Makers

51-4120 Welding, Soldering, and Brazing Workers

51-4121 Welders, Cutters, Solderers, and Brazers

51-4122 Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders

51-4190 Miscellaneous Metalworkers and Plastic Workers

51-4191 Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic

51-4192 Lay-Out Workers, Metal and Plastic

51-4193 Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic

51-4194 Tool Grinders, Filers, and Sharpeners

51-4199 Metal Workers and Plastic Workers, All Other

### 51-5000 Printing Workers

51-5010 Bookbinders and Bindery Workers

51-5011 Bindery Workers

51-5012 Bookbinders

51-5020 Printers

51-5021 Job Printers

51-5022 Prepress Technicians and Workers

51-5023 Printing Machine Operators

### 51-6000 Textile, Apparel, and Furnishings Workers

51-6010 Laundry and Dry-Cleaning Workers

51-6011 Laundry and Dry-Cleaning Workers

51-6020 Pressers, Textile, Garment, and Related Materials

51-6021 Pressers, Textile, Garment, and Related Materials

51-6030 Sewing Machine Operators

51-6031 Sewing Machine Operators

51-6040 Shoe and Leather Workers

51-6041 Shoe and Leather Workers and Repairers

51-6042 Shoe Machine Operators and Tenders

51-6050 Tailors, Dressmakers, and Sewers

51-6051 Sewers, Hand

51-6052 Tailors, Dressmakers, and Custom Sewers

51-6060 Textile Machine Setters, Operators, and Tenders

51-6061 Textile Bleaching and Dyeing Machine Operators and Tenders

51-6062 Textile 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

51-6090 Miscellaneous Textile, Apparel, and Furnishings Workers

51-6091 Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers

51-6092 Fabric and Apparel Patternmakers

51-6093 Upholsterers

51-6099 Textile, Apparel, and Furnishings Workers, All Other

### **51-7000 Woodworkers**

51-7010 Cabinetmakers and Bench Carpenters

51-7011 Cabinetmakers and Bench Carpenters

51-7020 Furniture Finishers

51-7021 Furniture Finishers

51-7030 Model Makers and Patternmakers, Wood

51-7031 Model Makers, Wood

51-7032 Patternmakers, Wood

51-7040 Woodworking Machine Setters, Operators, and Tenders

51-7041 Sawing Machine Setters, Operators, and Tenders, Wood

51-7042 Woodworking Machine Setters, Operators, and Tenders, Except Sawing

51-7090 Miscellaneous Woodworkers

51-7099 Woodworkers, All Other

### **51-8000 Plant and System Operators**

51-8010 Power Plant Operators, Distributors, and Dispatchers

51-8011 Nuclear Power Reactor Operators

51-8012 Power Distributors and Dispatchers

51-8013 Power Plant Operators

51-8020 Stationary Engineers and Boiler Operators

51-8021 Stationary Engineers and Boiler Operators

51-8030 Water and Liquid Waste Treatment Plant and System Operators

51-8031 Water and Liquid Waste Treatment Plant and System Operators

51-8090 Miscellaneous Plant and System Operators

51-8091 Chemical Plant and System Operators

51-8092 Gas Plant Operators

51-8093 Petroleum Pump System Operators, Refinery Operators, and Gaugers

51-8099 Plant and System Operators, All Other

### **51-9000 Other Production Occupations**

51-9010 Chemical Processing Machine Setters, Operators, and Tenders

51-9011 Chemical Equipment Operators and Tenders

51-9012 Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders

51-9020 Crushing, Grinding, Polishing, Mixing, and Blending Workers

51-9021 Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders

51-9022 Grinding and Polishing Workers, Hand

51-9023 Mixing and Blending Machine Setters, Operators, and Tenders

51-9030 Cutting Workers

51-9031 Cutters and Trimmers, Hand

51-9032 Cutting and Slicing Machine Setters, Operators, and Tenders

51-9040 Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders

51-9041 Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders

51-9050 Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders

51-9051 Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders

51-9060 Inspectors, Testers, Sorters, Samplers, and Weighers

51-9061 Inspectors, Testers, Sorters, Samplers, and Weighers

51-9070 Jewelers and Precious Stone and Metal Workers

51-9071 Jewelers and Precious Stone and Metal Workers

51-9080 Medical, Dental, and Ophthalmic Laboratory Technicians

51-9081 Dental Laboratory Technicians

51-9082 Medical Appliance Technicians

51-9083 Ophthalmic Laboratory Technicians

51-9110 Packaging and Filling Machine Operators and Tenders

51-9111 Packaging and Filling Machine Operators and Tenders

51-9120 Painting Workers

51-9121 Coating, Painting, and Spraying Machine Setters, Operators, and Tenders

51-9122 Painters, Transportation Equipment

51-9123 Painting, Coating, and Decorating Workers

51-9130 Photographic Process Workers and Processing Machine Operators

51-9131 Photographic Process Workers

51-9132 Photographic Processing Machine Operators

51-9140 Semiconductor Processors

51-9141 Semiconductor Processors

51-9190 Miscellaneous Production Workers

51-9191 Cementing and Gluing Machine Operators and Tenders

51-9192 Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders

51-9193 Cooling and Freezing 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

51-9199 Production Workers, All Other

## TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS

### 53-1000 Supervisors, Transportation and Material Moving Workers

53-1010 Aircraft Cargo Handling Supervisors

53-1011 Aircraft Cargo Handling Supervisors

53-1020 First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand

53-1021 First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand

53-1030 First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators

53-1031 First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators

### 53-2000 Air Transportation Workers

53-2010 Aircraft Pilots and Flight Engineers

53-2011 Airline Pilots, Copilots, and Flight Engineers

53-2012 Commercial Pilots

53-2020 Air Traffic Controllers and Airfield Operations Specialists

53-2021 Air Traffic Controllers

53-2022 Airfield Operations Specialists

### 53-3000 Motor Vehicle Operators

53-3010 Ambulance Drivers and Attendants, Except Emergency Medical Technicians

53-3011 Ambulance Drivers and Attendants, Except Emergency Medical Technicians

53-3020 Bus Drivers

53-3021 Bus Drivers, Transit and Intercity

53-3022 Bus Drivers, School

53-3030 Driver/Sales Workers and Truck Drivers

53-3031 Driver/Sales Workers

53-3032 Truck Drivers, Heavy and Tractor-Trailer

53-3033 Truck Drivers, Light or Delivery Services

53-3040 Taxi Drivers and Chauffeurs

53-3041 Taxi Drivers and Chauffeurs

53-3090 Miscellaneous Motor Vehicle Operators

53-3099 Motor Vehicle Operators, All Other

**53-4000 Rail Transportation Workers**

53-4010 Locomotive Engineers and Operators

53-4011 Locomotive Engineers

53-4012 Locomotive Firers

53-4013 Rail Yard Engineers, Dinkey Operators, and Hostlers

53-4020 Railroad Brake, Signal, and Switch Operators

53-4021 Railroad Brake, Signal, and Switch Operators

53-4030 Railroad Conductors and Yardmasters

53-4031 Railroad Conductors and Yardmasters

53-4040 Subway and Streetcar Operators

53-4041 Subway and Streetcar Operators

53-4090 Miscellaneous Rail Transportation Workers

53-4099 Rail Transportation Workers, All Other

**53-5000 Water Transportation Workers**

53-5010 Sailors and Marine Oilers

53-5011 Sailors and Marine Oilers

53-5020 Ship and Boat Captains and Operators

53-5021 Captains, Mates, and Pilots of Water Vessels

53-5022 Motorboat Operators

53-5030 Ship Engineers

53-5031 Ship Engineers

**53-6000 Other Transportation Workers**

53-6010 Bridge and Lock Tenders

53-6011 Bridge and Lock Tenders

53-6020 Parking Lot Attendants

53-6021 Parking Lot Attendants

53-6030 Service Station Attendants

53-6031 Service Station Attendants



53-6040 Traffic Technicians

53-6041 Traffic Technicians

53-6050 Transportation Inspectors

53-6051 Transportation Inspectors

53-6090 Miscellaneous Transportation Workers

53-6099 Transportation Workers, All Other

**53-7000 Material Moving Workers**

53-7010 Conveyor Operators and Tenders

53-7011 Conveyor Operators and Tenders

53-7020 Crane and Tower Operators

53-7021 Crane and Tower Operators

53-7030 Dredge, Excavating, and Loading Machine Operators

53-7031 Dredge Operators

53-7032 Excavating and Loading Machine and Dragline Operators

53-7033 Loading Machine Operators, Underground Mining

53-7040 Hoist and Winch Operators

53-7041 Hoist and Winch Operators

53-7050 Industrial Truck and Tractor Operators

53-7051 Industrial Truck and Tractor Operators

53-7060 Laborers and Material Movers, Hand

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

53-7071 Gas Compressor and Gas Pumping Station Operators

53-7072 Pump Operators, Except Wellhead Pumpers

53-7073 Wellhead Pumpers

53-7080 Refuse and Recyclable Material Collectors

53-7081 Refuse and Recyclable Material Collectors

53-7110 Shuttle Car Operators

53-7111 Shuttle Car Operators

53-7120 Tank Car, Truck, and Ship Loaders

53-7121 Tank Car, Truck, and Ship Loaders

53-7190 Miscellaneous Material Moving Workers

53-7199 Material Moving Workers, All Other

## **55-0000 MILITARY SPECIFIC OCCUPATIONS**

### **55-1000 Military Officer Special and Tactical Operations Leaders/Managers**

55-1010 Military Officer Special and Tactical Operations Leaders/Managers

55-1011 Air Crew Officers

55-1012 Aircraft Launch and Recovery Officers

55-1013 Armored Assault Vehicle Officers

55-1014 Artillery and Missile Officers

55-1015 Command and Control Center Officers

55-1016 Infantry Officers

55-1017 Special Forces Officers

55-1019 Military Officer Special and Tactical Operations Leaders/Managers, All Other

### **55-2000 First-Line Enlisted Military Supervisor/Managers**

55-2010 First-Line Enlisted Military Supervisors/Managers

55-2011 First-Line Supervisors/Managers of Air Crew Members

55-2012 First-Line Supervisors/Managers of Weapons Specialists/Crew Members

55-2013 First-Line Supervisors/Managers of All Other Tactical Operations Specialists

### **55-3000 Military Enlisted Tactical Operations and Air/Weapons Specialists and Crew Members**

55-3010 Military Enlisted Tactical Operations and Air/Weapons Specialists and Crew Members

55-3011 Air Crew Members

55-3012 Aircraft Launch and Recovery Specialists

55-3013 Armored Assault Vehicle Crew Members

55-3014 Artillery and Missile Crew Members

55-3015 Command and Control Center Specialists

55-3016 Infantry

55-3017 Radar and Sonar Technicians

55-3018 Special Forces

55-3019 Military Enlisted Tactical Operations and Air/Weapons Specialists and Crew Members, All Other