

Version 3.0



# work importance locator



## O\*NET™ Occupations Master List



U.S. Department of Labor  
Employment and Training Administration



**America's Workforce Network Toll-Free Help Line 1-877-US-2JOBS**

The O\*NET™ Career Exploration Tools are composed of the WORK IMPORTANCE LOCATOR, INTEREST PROFILER, and ABILITY PROFILER products and are owned by the U.S. Department of Labor, Employment and Training Administration (DOL/ETA). All O\*NET Assessment/Counseling Tools are copyrighted. O\*NET is a trademark of DOL/ETA.

The DOL/ETA developed the O\*NET Career Exploration Tools as career counseling, career planning, and exploration tools. In order for each tool to provide an objective assessment, extensive research and development was conducted to ensure that the directions, format, items, and score reports lead to valid assessment. DOL/ETA adhered to the high standards of the American Psychological Association, the American Education Research Association, and the National Council on Measurement in Education in developing the O\*NET Career Exploration Tools. In developing the tools, fairness analyses were conducted to ensure that score results were equally valid both from a statistical and a usability perspective.

Results provided from the O\*NET Career Exploration Tools are part of a whole-person approach to the assessment process. They provide useful information that individuals can use to identify their strengths, the parts of work they like to do, and the parts of work that they may find important. Individuals can use results to identify training needs and occupations that they may wish to explore further. Individuals are strongly encouraged to use additional information about themselves with O\*NET Career Exploration results when making career decisions.

As such, the use of the O\*NET Career Exploration Tools is authorized for career exploration, career planning, and career counseling purposes only. Each O\*NET Career Exploration Tool must be used consistent with its own "User's Guide." No other use of these tools or any part of the tools is valid or authorized.

All users are bound by the terms of "Special Notice: User's Agreement." If you use any of the O\*NET Career Exploration Tools, you have agreed to be bound by the terms of "Special Notice: User's Agreement."

**If any of the O\*NET Career Exploration Tools is used for a purpose or purposes other than career exploration, career planning, and career counseling purposes, it is a violation of this agreement and neither the U.S. Department of Labor nor the Employment and Training Administration is liable for any misuse of the Tools.**

The U.S. Department of Labor and the Employment and Training Administration reserve the right to pursue all legal remedies for violations of this User's Agreement.

Recipients of federal assistance from the U.S. Department of Labor must ensure that individuals with disabilities are afforded an equal opportunity to use services based on the O\*NET Career Exploration Tools. For further discussion of these obligations, see the Department of Labor's Equal Opportunity Guidance Letter No. 4. This document currently is being reis-

sued and will be found at the National O\*NET Consortium web site in the near future at <http://www.onetcenter.org>.

No additional license is required to obtain, copy in whole, use or distribute the O\*NET Career Exploration Tools. A user must not remove any copyright or trademark notice or proprietary legend contained within the O\*NET Career Exploration Products. Further, all copies and related documentation must include the copyright and trademark notices. Users must abide by the following instructions on proper trademark usage when using O\*NET Career Exploration Products:

1. Since O\*NET is trademarked, users must acknowledge the use of O\*NET Career Exploration Tools in and on their products. The trademark symbol must be properly displayed when referring to O\*NET. When using the O\*NET™ name, users must use "O\*NET" as an adjective, not as noun or verb, followed by the proper generic product name. For example: "...with O\*NET Career Exploration Tools," "...formulated from O\*NET Career Exploration Tools," or "...includes information from the O\*NET Career Exploration Tools," not "...includes O\*NET." In addition, the O\*NET name must not appear in the possessive form.

Proper trademark citation:

O\*NET™ is a trademark of the U.S. Department of Labor, Employment and Training Administration.

2. The version number of O\*NET Career Exploration Tools must be clearly stated in and on user products.
3. "O\*NET In It" bug with ™ symbol must appear in and on user products:



O\*NET Career Exploration Tools are provided "AS IS" without expressed or implied warranties. Certain components and/or files of the software have been licensed by third parties to the U.S. Department of Labor. Such third parties own and/or have copyrights or other rights in those components and these components of the software may not be distributed separately. You may contact the U.S. Department of Labor or the National Center for O\*NET Development for a list of such components and third parties. Your use of this software and these components is subject to this "Special Notice: User's Agreement."

Users intending to develop other products, software or systems applications using O\*NET Career Exploration Tools products must contact the National O\*NET Consortium at <http://www.onetcenter.org> or National O\*NET Consortium, North Carolina Employment Security Commission, P.O. Box 27625, Raleigh, NC 27611, for the Developer's Agreement.

\*\* Indicates that the occupation was assigned to the group based on its second highest work value.  
\*\*\* Indicates that the occupation was assigned to the group based on its third highest work value.

**SPECIAL NOTICE: USER’S AGREEMENT**

**SPECIAL NOTICE: DEVELOPER’S AGREEMENT**

(continued)

(Considerable Preparation Needed)

O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
13-2011.01	Accountants	51-9131.04	Film Laboratory Technicians
45-2011.00	Agricultural Inspectors	13-2061.00	Financial Examiners
13-2021.01	Assessors	49-9021.01	Heating and Air Conditioning Mechanics
13-2011.02	Auditors	23-2092.00	Law Clerks
13-2031.00	Budget Analysts	23-2011.00	Paralegals and Legal Assistants
49-9061.00	Camera and Photographic Equipment Repairers	51-5022.02	Paste-Up Workers
13-1051.00	Cost Estimators	11-9131.00	Postmasters and Mail Superintendents
49-2011.02	Data Processing Equipment Repairers	11-3061.00	Purchasing Managers
43-9031.00	Desktop Publishers	49-9063.03	Reed or Wind Instrument Repairers and Tuners
51-5022.09	Electronic Masking System Operators	51-5022.05	Scanner Operators

(Extensive Preparation Needed)

O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
15-2011.00	Actuaries	51-5021.00	Job Printers
23-1021.00	Administrative Law Judges, Adjudicators, and Hearing Officers**	23-1023.00	Judges, Magistrate Judges, and Magistrates***
23-1022.00	Arbitrators, Mediators, and Conciliators**	53-6051.03	Marine Cargo Inspectors**
19-1021.01	Biochemists***	51-5023.02	Offset Lithographic Press Setters and Set-Up Operators**
19-1021.02	Biophysicists***	19-2012.00	Physicists***
29-1011.00	Chiropractors***	51-5022.11	Plate Finishers**
19-3031.03	Counseling Psychologists***	11-1011.02	Private Sector Executives***
51-5022.08	Dot Etchers	29-1066.00	Psychiatrists***
49-2095.00	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay**	11-3031.01	Treasurers, Controllers, and Chief Financial Officers**
51-5022.10	Electrotypers and Stereotypers**	29-1131.00	Veterinarians***

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**WORKING CONDITIONS**

**WORKING CONDITIONS—JOB ZONE 4**

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**WORKING CONDITIONS—JOB ZONE 5**

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(Little or No Preparation Needed)

O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
43-3021.03	Billing, Posting, and Calculating Machine Operators**	43-3061.00	Procurement Clerks**
51-5011.02	Bindery Machine Operators and Tenders**	51-9061.05	Production Inspectors, Testers, Graders, Sorters, Samplers, Weighers**
53-3021.00	Bus Drivers, Transit and Intercity**	49-9045.00	Refractory Materials Repairers, Except Brickmasons**
39-9011.00	Child Care Workers**	51-9141.00	Semiconductor Processors**
43-4041.01	Credit Authorizers**	51-6031.01	Sewing Machine Operators, Garment**
43-4041.02	Credit Checkers**	51-6031.02	Sewing Machine Operators, Non-Garment**
41-9091.00	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	43-2011.00	Switchboard Operators, Including Answering Service**
43-9051.02	Mail Clerks, Except Mail Machine Operators and Postal Service**	41-9041.00	Telemarketers
49-9043.00	Maintenance Workers, Machinery**	53-3032.01	Truck Drivers, Heavy
41-9012.00	Models	53-3033.00	Truck Drivers, Light or Delivery Services**
43-5052.00	Postal Service Mail Carriers**		

(Some Preparation Needed)

O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
43-3021.02	Billing, Cost, and Rate Clerks	51-9082.00	Medical Appliance Technicians**
43-3031.00	Bookkeeping, Accounting, and Auditing Clerks	43-4031.02	Municipal Clerks**
43-4011.00	Brokerage Clerks	43-3051.00	Payroll and Timekeeping Clerks**
51-8091.00	Chemical Plant and System Operators**	29-2052.00	Pharmacy Technicians**
49-9091.00	Coin, Vending, and Amusement Machine Servicers and Repairers	51-9131.03	Photographic Hand Developers
19-4011.02	Food Science Technicians	51-5023.01	Precision Printing Workers**
51-7021.00	Furniture Finishers	43-9081.00	Proofreaders and Copy Markers**
51-9071.06	Gem and Diamond Workers**	41-4011.03	Sales Representatives, Electrical/Electronic**
49-2092.06	Hand and Portable Power Tool Repairers	43-6014.00	Secretaries, Except Legal, Medical, and Executive**
43-4161.00	Human Resources Assistants, Except Payroll and Timekeeping**	43-9111.00	Statistical Assistants
		23-2093.01	Title Searchers**

(Medium Preparation Needed)

O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
51-9071.04	Bench Workers, Jewelry	49-9062.00	Medical Equipment Repairers
51-9081.00	Dental Laboratory Technicians	29-2071.00	Medical Records and Health Information Technicians
49-2092.01	Electric Home Appliance and Power Tool Repairers	51-9071.03	Model and Mold Makers, Jewelry
49-2092.02	Electric Motor and Switch Assemblers and Repairers	51-4012.00	Numerical Tool and Process Control Programmers
49-2097.00	Electronic Home Entertainment Equipment Installers and Repairers	49-9063.04	Percussion Instrument Repairers and Tuners
19-4091.00	Environmental Science and Protection Technicians, Including Health	51-9131.02	Photographic Reproduction Technicians
49-9041.00	Industrial Machinery Mechanics	51-9083.01	Precision Lens Grinders and Polishers
49-9063.01	Keyboard Instrument Repairers and Tuners	49-2021.00	Radio Mechanics
43-6012.00	Legal Secretaries	47-2031.04	Ship Carpenters and Joiners
49-9094.00	Locksmiths and Safe Repairers	51-6052.01	Shop and Alteration Tailors
		49-9063.02	Stringed Instrument Repairers and Tuners
		49-9064.00	Watch Repairers

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To help you explore careers, occupations have been listed for each Work Value/Job Zone category. Most of the occupations have been assigned to the groups based on their highest work value. In some cases, however, you will notice \*\* beside the occupational title. This means that the occupation was assigned to the group based on its second highest work value. In other cases, you will notice \*\*\* beside the occupational title. This means that the occupation was assigned to the group based on its third highest work value. Data are not currently available for 74 O\*NET-SOC occupations. These occupations do not appear in this list.

Special Notice: Proper Use of Work Importance Locator Results

**Work Importance Locator** results **should be used** for career exploration and vocational counseling purposes only. Results are designed to assist clients in identifying their work values and using them to identify occupations that may satisfy what is most important to them in an occupation.

**Work Importance Locator** results **should not be used** for employment or hiring decisions. Employers, educational programs, or other job related programs should not use **Work Importance Locator** results in applicant screening for jobs or training programs. The relationship between results on the **Work Importance Locator** and success in particular jobs or training programs has not been determined.

**WORKING CONDITIONS**

**WORKING CONDITIONS—JOB ZONE 1**

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**WORKING CONDITIONS—JOB ZONE 2**

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**WORKING CONDITIONS—JOB ZONE 3**

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**Work Importance Locator**

**O\*NET™ Occupations Master List, v. 3.0**



(continued)

*(Extensive Preparation Needed)*

<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>	<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>
51-5022.08	Dot Etchers***	51-5021.00	Job Printers**
49-2095.00	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	53-6051.03	Marine Cargo Inspectors
51-5022.10	Electrotypers and Stereotypers	51-5023.02	Offset Lithographic Press Setters and Set-Up Operators
25-1191.00	Graduate Teaching Assistants***	51-5022.11	Plate Finishers

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**SUPPORT**

**SUPPORT—JOB ZONE 5**

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(continued)

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O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
53-4012.00	Locomotive Firers	47-2171.00	Reinforcing Iron and Rebar Workers
49-9042.00	Maintenance and Repair Workers, General	49-9096.00	Riggers
51-9061.01	Materials Inspectors	47-5012.00	Rotary Drill Operators, Oil and Gas
53-5021.02	Mates- Ship, Boat, and Barge	51-5023.06	Screen Printing Machine Setters and Set-Up Operators
49-9011.00	Mechanical Door Repairers	47-2211.00	Sheet Metal Workers
43-6013.00	Medical Secretaries	51-8021.02	Stationary Engineers
51-4035.00	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	47-2221.00	Structural Iron and Steel Workers
51-4193.03	Nonelectrolytic Plating and Coating Machine Setters and Set-Up Operators, Metal and Plastic	53-7121.00	Tank Car, Truck, and Ship Loaders
19-4051.01	Nuclear Equipment Operation Technicians	49-2022.04	Telecommunications Facility Examiners
19-4051.02	Nuclear Monitoring Technicians	49-9052.00	Telecommunications Line Installers and Repairers
49-2011.03	Office Machine and Cash Register Servicers	51-6062.00	Textile Cutting Machine Setters, Operators, and Tenders
47-2073.02	Operating Engineers	51-6063.00	Textile Knitting and Weaving Machine Setters, Operators, and Tenders
13-1071.02	Personnel Recruiters	51-6064.00	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders
51-8093.01	Petroleum Pump System Operators	23-2093.02	Title Examiners and Abstractors
33-3021.02	Police Identification and Records Officers	51-4194.00	Tool Grinders, Filers, and Sharpeners
51-9061.03	Precision Devices Inspectors and Testers	49-9012.02	Valve and Regulator Repairers
51-6011.02	Precision Dyers	51-4122.01	Welding Machine Setters and Set-Up Operators
51-9195.01	Precision Mold and Pattern Casters, except Nonferrous Metals	47-5021.02	Well and Core Drill Operators
21-1092.00	Probation Officers and Correctional Treatment Specialists		

(Considerable Preparation Needed)

O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
53-6051.01	Aviation Inspectors	51-9061.02	Mechanical Inspectors
49-2091.00	Avionics Technicians	51-2041.01	Metal Fabricators, Structural Metal Products
47-2011.00	Boilermakers	49-9044.00	Millwrights
51-5012.00	Bookbinders	51-8011.00	Nuclear Power Reactor Operators
17-3023.02	Calibration and Instrumentation Technicians	51-9083.02	Optical Instrument Assemblers
47-2081.01	Ceiling Tile Installers	51-4062.00	Patternmakers, Metal and Plastic
49-2022.01	Central Office and PBX Installers and Repairers	51-8093.02	Petroleum Refinery and Control Panel Operators
13-1031.01	Claims Examiners, Property and Casualty Insurance	51-8012.00	Power Distributors and Dispatchers
13-2041.00	Credit Analysts	51-8013.01	Power Generating Plant Operators, Except Auxiliary Equipment Operators
49-9051.00	Electrical Power-Line Installers and Repairers	51-9195.02	Precision Pattern and Die Casters, Nonferrous Metals
17-3024.00	Electro-Mechanical Technicians	13-1041.05	Pressure Vessel Inspectors
47-4021.00	Elevator Installers and Repairers	53-6051.02	Public Transportation Inspectors
51-5023.08	Engraver Set-Up Operators	53-4031.00	Railroad Conductors and Yardmasters
13-1041.03	Equal Opportunity Representatives and Officers	49-9021.02	Refrigeration Mechanics
43-6011.00	Executive Secretaries and Administrative Assistants	47-5013.00	Service Unit Operators, Oil, Gas, and Mining
51-2041.02	Fitters, Structural Metal- Precision	49-9097.00	Signal and Track Switch Repairers
49-9031.02	Gas Appliance Repairers	49-2022.05	Station Installers and Repairers, Telephone
53-7071.02	Gas Compressor Operators	17-3031.01	Surveying Technicians
51-5022.01	Hand Compositors and Typesetters	13-2081.00	Tax Examiners, Collectors, and Revenue Agents
13-1032.00	Insurance Appraisers, Auto Damage	51-4111.00	Tool and Die Makers
13-2053.00	Insurance Underwriters	53-6041.00	Traffic Technicians
13-2071.00	Loan Counselors	49-2092.04	Transformer Repairers
13-2072.00	Loan Officers	51-4121.03	Welder-Fitters
53-4011.00	Locomotive Engineers	53-7073.00	Wellhead Pumpers
51-4041.00	Machinists		

(Little or No Preparation Needed)

O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
53-3011.00	Ambulance Drivers and Attendants, Except Emergency Medical Technicians***	41-9012.00	Models***
51-9194.05	Etchers, Hand**	51-9123.00	Painting, Coating, and Decorating Workers**
45-2093.00	Farmworkers, Farm and Ranch Animals***	51-5023.09	Printing Press Machine Operators and Tenders**
45-4011.00	Forest and Conservation Workers	51-9061.05	Production Inspectors, Testers, Graders, Sorters, Samplers, Weighers***
45-2092.02	General Farmworkers***	51-9141.00	Semiconductor Processors***
31-1011.00	Home Health Aides***	53-3033.00	Truck Drivers, Light or Delivery Services***

(Some Preparation Needed)

O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
45-2091.00	Agricultural Equipment Operators	33-9021.00	Private Detectives and Investigators
49-3023.02	Automotive Specialty Technicians	27-3011.00	Radio and Television Announcers
47-2031.03	Carpenter Assemblers and Repairers	41-4011.01	Sales Representatives, Agricultural
49-9092.00	Commercial Divers	41-4011.03	Sales Representatives, Electrical/Electronic
29-2041.00	Emergency Medical Technicians and Paramedics	41-4011.04	Sales Representatives, Mechanical Equipment and Supplies
51-6092.00	Fabric and Apparel Patternmakers	41-4012.00	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products
33-2021.01	Fire Inspectors	33-3051.03	Sheriffs and Deputy Sheriffs
27-1023.00	Floral Designers	51-6041.00	Shoe and Leather Workers and Repairers
33-2011.02	Forest Fire Fighters	27-2042.01	Singers
33-2022.00	Forest Fire Inspectors and Prevention Specialists	47-2044.00	Tile and Marble Setters
51-9071.06	Gem and Diamond Workers	51-2093.00	Timing Device Assemblers, Adjusters, and Calibrators
39-5091.00	Makeup Artists, Theatrical and Performance	33-3052.00	Transit and Railroad Police
29-2012.00	Medical and Clinical Laboratory Technicians		
51-9082.00	Medical Appliance Technicians		
49-3052.00	Motorcycle Mechanics		
33-2011.01	Municipal Fire Fighters		

(Medium Preparation Needed)

O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
27-2011.00	Actors	51-9194.02	Engravers/Carvers
41-3011.00	Advertising Sales Agents	13-1041.01	Environmental Compliance Inspectors
49-3011.03	Aircraft Body and Bonded Structure Repairers	49-3041.00	Farm Equipment Mechanics
27-2021.00	Athletes and Sports Competitors	27-1022.00	Fashion Designers
49-3021.00	Automotive Body and Related Repairers	39-1021.00	First-Line Supervisors/Managers of Personal Service Workers
49-3023.01	Automotive Master Mechanics	33-3051.02	Highway Patrol Pilots
47-2021.00	Brickmasons and Blockmasons	17-3026.00	Industrial Engineering Technicians
49-3031.00	Bus and Truck Mechanics and Diesel Engine Specialists	13-1031.02	Insurance Adjusters, Examiners, and Investigators
51-7011.00	Cabinetmakers and Bench Carpenters	41-3021.00	Insurance Sales Agents
27-3043.03	Caption Writers	27-3091.00	Interpreters and Translators
19-4031.00	Chemical Technicians	17-3031.02	Mapping Technicians
17-3011.02	Civil Drafters	27-1026.00	Merchandise Displayers and Window Trimmers
13-1072.00	Compensation, Benefits, and Job Analysis Specialists	49-3051.00	Motorboat Mechanics
49-2094.00	Electrical and Electronics Repairers, Commercial and Industrial Equipment	25-4013.00	Museum Technicians and Conservators
47-2111.00	Electricians	29-2091.00	Orthotists and Prosthetists
17-3012.01	Electronic Drafters	49-3053.00	Outdoor Power Equipment and Other Small Engine Mechanics

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**SUPPORT**

**SUPPORT—JOB ZONE 3**

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**SUPPORT—JOB ZONE 4**

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**ACHIEVEMENT**

**ACHIEVEMENT—JOB ZONE 1**

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**ACHIEVEMENT—JOB ZONE 2**

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**ACHIEVEMENT—JOB ZONE 3**

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<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>	<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>
27-4021.02	Photographers, Scientific	47-2031.02	Rough Carpenters
51-9131.01	Photographic Retouchers and Restorers	41-4011.02	Sales Representatives, Chemical and Pharmaceutical
33-3051.01	Police Patrol Officers	51-9071.02	Silversmiths
51-9194.01	Precision Etchers and Engravers, Hand or Machine	27-1013.02	Sketch Artists
27-4021.01	Professional Photographers	27-4014.00	Sound Engineering Technicians
27-3012.00	Public Address System and Other Announcers	51-9195.03	Stone Cutters and Carvers
27-4013.00	Radio Operators	49-9063.02	Stringed Instrument Repairers and Tuners
49-3043.00	Rail Car Repairers	27-2023.00	Umpires, Referees, and Other Sports Officials
<i>(Considerable Preparation Needed)</i>			
<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>	<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>
25-3011.00	Adult Literacy, Remedial Education, and GED Teachers and Instructors	11-9032.00	Education Administrators, Elementary and Secondary School
11-2011.00	Advertising and Promotions Managers	11-9031.00	Education Administrators, Preschool and Child Care Center/Program
17-3021.00	Aerospace Engineering and Operations Technicians	19-3031.01	Educational Psychologists
53-2021.00	Air Traffic Controllers	21-1012.00	Educational, Vocational, and School Counselors
49-3011.02	Aircraft Engine Specialists	17-3012.02	Electrical Drafters
49-3011.01	Airframe-and-Power-Plant Mechanics	17-3023.03	Electrical Engineering Technicians
53-2011.00	Airline Pilots, Copilots, and Flight Engineers	17-3023.01	Electronics Engineering Technicians
17-1011.00	Architects, Except Landscape and Naval	25-2021.00	Elementary School Teachers, Except Special Education
17-3011.01	Architectural Drafters	19-1041.00	Epidemiologists
27-1011.00	Art Directors	27-1027.02	Exhibit Designers
19-2021.00	Atmospheric and Space Scientists	25-9021.00	Farm and Home Management Advisors
29-1121.00	Audiologists	11-3031.02	Financial Managers, Branch or Department
47-2031.05	Boat Builders and Shipwrights	33-2021.02	Fire Investigators
27-3021.00	Broadcast News Analysts	33-1012.00	First-Line Supervisors/Managers of Police and Detectives
27-4012.00	Broadcast Technicians	19-4092.00	Forensic Science Technicians
27-4031.00	Camera Operators, Television, Video, and Motion Picture	51-9195.04	Glass Blowers, Molders, Benders, and Finishers
17-1021.00	Cartographers and Photogrammetrists	11-1011.01	Government Service Executives
27-1013.03	Cartoonists	27-1024.00	Graphic Designers
19-2031.00	Chemists	11-3040.00	Human Resources Managers
33-3021.04	Child Support, Missing Persons, and Unemployment Insurance Fraud Investigators	27-1025.00	Interior Designers
21-1021.00	Child, Family, and School Social Workers	51-9071.01	Jewelers
17-3022.00	Civil Engineering Technicians	13-1111.00	Management Analysts
17-2051.00	Civil Engineers	19-3021.00	Market Research Analysts
27-1021.00	Commercial and Industrial Designers	11-2021.00	Marketing Managers
53-2012.00	Commercial Pilots	15-3011.00	Mathematical Technicians
11-3041.00	Compensation and Benefits Managers	17-3013.00	Mechanical Drafters
17-2061.00	Computer Hardware Engineers	17-3027.00	Mechanical Engineering Technicians
15-1021.00	Computer Programmers	29-2011.00	Medical and Clinical Laboratory Technologists
15-1031.00	Computer Software Engineers, Applications	21-1022.00	Medical and Public Health Social Workers
15-1032.00	Computer Software Engineers, Systems Software	19-1042.00	Medical Scientists, Except Epidemiologists
15-1041.00	Computer Support Specialists	21-1023.00	Mental Health and Substance Abuse Social Workers
47-2031.01	Construction Carpenters	21-1014.00	Mental Health Counselors
27-3043.02	Creative Writers	25-2022.00	Middle School Teachers, Except Special and Vocational Education
33-3021.03	Criminal Investigators and Special Agents	49-3042.00	Mobile Heavy Equipment Mechanics, Except Engines
27-2031.00	Dancers	51-4061.00	Model Makers, Metal and Plastic
29-1031.00	Dietitians and Nutritionists		
27-3041.00	Editors		

(continued)

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<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>	<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>
51-4031.03	Press and Press Brake Machine Setters and Set-Up Operators, Metal and Plastic	51-3023.00	Slaughterers and Meat Packers
43-5061.00	Production, Planning, and Expediting Clerks	21-1093.00	Social and Human Service Assistants
43-9081.00	Proofreaders and Copy Markers	51-4122.03	Soldering and Brazing Machine Setters and Set-Up Operators
53-7072.00	Pump Operators, Except Wellhead Pumpers	43-3021.01	Statement Clerks
51-4031.02	Punching Machine Setters and Set-Up Operators, Metal and Plastic	43-5081.03	Stock Clerks- Stockroom, Warehouse, or Storage Yard
53-4013.00	Rail Yard Engineers, Dinkey Operators, and Hostlers	51-9032.02	Stone Sawyers
53-6051.04	Railroad Inspectors	53-4041.00	Subway and Streetcar Operators
49-3092.00	Recreational Vehicle Service Technicians	47-2082.00	Tapers
43-4181.02	Reservation and Transportation Ticket Agents	13-2082.00	Tax Preparers
41-2031.00	Retail Salespersons	23-2093.01	Title Searchers
51-4023.00	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	53-3032.02	Tractor-Trailer Truck Drivers
47-5061.00	Roof Bolters, Mining	53-4021.01	Train Crew Members
47-5071.00	Roustabouts, Oil and Gas	43-4181.01	Travel Clerks
51-7041.02	Sawing Machine Operators and Tenders	51-5022.12	Typesetting and Composing Machine Operators and Tenders
51-7041.01	Sawing Machine Setters and Set-Up Operators	51-8031.00	Water and Liquid Waste Treatment Plant and System Operators
51-4031.01	Sawing Machine Tool Setters and Set-Up Operators, Metal and Plastic	51-4121.02	Welders and Cutters
43-6014.00	Secretaries, Except Legal, Medical, and Executive	51-4122.02	Welding Machine Operators and Tenders
47-4071.00	Septic Tank Servicers and Sewer Pipe Cleaners	51-7042.01	Woodworking Machine Setters and Set-Up Operators, Except Sawing
51-4031.04	Shear and Slitter Machine Setters and Set-Up Operators, Metal and Plastic	43-9022.00	Word Processors and Typists
53-7111.00	Shuttle Car Operators		
<i>(Medium Preparation Needed)</i>			
<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>	<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>
51-2011.03	Aircraft Rigging Assemblers	49-2096.00	Electronic Equipment Installers and Repairers, Motor Vehicles
51-2011.01	Aircraft Structure Assemblers, Precision	51-5023.07	Embossing Machine Set-Up Operators
51-2011.02	Aircraft Systems Assemblers, Precision	51-2031.00	Engine and Other Machine Assemblers
49-2011.01	Automatic Teller Machine Servicers	51-9194.00	Engravers, Hand
51-3011.01	Bakers, Bread and Pastry	51-3092.00	Food Batchmakers
51-3011.02	Bakers, Manufacturing	51-8092.02	Gas Distribution Plant Operators
51-4072.05	Casting Machine Set-Up Operators	51-8093.03	Gaugers
19-4061.01	City Planning Aides	19-4041.01	Geological Data Technicians
51-4081.01	Combination Machine Tool Setters and Set-Up Operators, Metal and Plastic	19-4041.02	Geological Sample Test Technicians
49-2022.03	Communication Equipment Mechanics, Installers, and Repairers	13-1041.04	Government Property Inspectors and Investigators
43-9011.00	Computer Operators	51-4033.01	Grinding, Honing, Lapping, and Deburring Machine Set-Up Operators
43-4031.01	Court Clerks	51-4191.01	Heating Equipment Setters and Set-Up Operators, Metal and Plastic
51-5023.04	Design Printing Machine Setters and Set-Up Operators	33-3021.05	Immigration and Customs Inspectors
49-9012.01	Electric Meter Installers and Repairers	47-2131.00	Insulation Workers, Floor, Ceiling, and Wall
51-2022.00	Electrical and Electronic Equipment Assemblers	47-2132.00	Insulation Workers, Mechanical
51-9061.04	Electrical and Electronic Inspectors and Testers	51-4034.00	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic
49-2093.00	Electrical and Electronics Installers and Repairers, Transportation Equipment	51-4192.00	Lay-Out Workers, Metal and Plastic
51-4193.01	Electrolytic Plating and Coating Machine Setters and Set-Up Operators, Metal and Plastic	43-6012.00	Legal Secretaries
51-2023.00	Electromechanical Equipment Assemblers	51-5023.03	Letterpress Setters and Set-Up Operators
		13-1041.02	Licensing Examiners and Inspectors

**ACHIEVEMENT**

**ACHIEVEMENT—JOB ZONE 3**

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**ACHIEVEMENT—JOB ZONE 4**

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**SUPPORT**

**SUPPORT—JOB ZONE 2**

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**SUPPORT—JOB ZONE 3**

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\*\*\* Indicates that the occupation was assigned to the group based on its third highest work value.

**SUPPORT**

**SUPPORT—JOB ZONE 2**

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**ACHIEVEMENT**

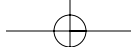
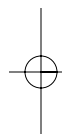
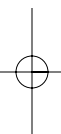
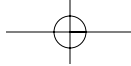
**ACHIEVEMENT—JOB ZONE 4**

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**ACHIEVEMENT—JOB ZONE 5**

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(CONTINUED)

O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
17-2171.00	Petroleum Engineers	27-1013.04	Sculptors
19-2012.00	Physicists	27-1027.01	Set Designers
25-1054.00	Physics Teachers, Postsecondary	53-5031.00	Ship Engineers
25-1065.00	Political Science Teachers, Postsecondary	25-1067.00	Sociology Teachers, Postsecondary
17-2111.03	Product Safety Engineers	29-1067.00	Surgeons
29-1024.00	Prosthodontists	27-3042.00	Technical Writers
29-1066.00	Psychiatrists	11-3031.01	Treasurers, Controllers, and Chief Financial Officers
25-1066.00	Psychology Teachers, Postsecondary	29-1131.00	Veterinarians
41-9031.00	Sales Engineers	19-1023.00	Zoologists and Wildlife Biologists

(Little or No Preparation Needed)

O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
33-3011.00	Bailiffs	43-5081.02	Marking Clerks
43-3021.03	Billing, Posting, and Calculating Machine Operators	51-3022.00	Meat, Poultry, and Fish Cutters and Trimmers
51-5011.02	Bindery Machine Operators and Tenders	51-4072.04	Metal Molding, Coremaking, and Casting Machine Operators and Tenders
53-3021.00	Bus Drivers, Transit and Intercity	43-5041.00	Meter Readers, Utilities
41-2011.00	Cashiers	51-9023.00	Mixing and Blending Machine Setters, Operators, and Tenders
51-9191.00	Cementing and Gluing Machine Operators and Tenders	51-4193.04	Nonelectrolytic Plating and Coating Machine Operators and Tenders, Metal and Plastic
43-2021.02	Central Office Operators	39-2021.00	Nonfarm Animal Caretakers
51-9192.00	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	45-2092.01	Nursery Workers
51-9121.02	Coating, Painting, and Spraying Machine Operators and Tenders	43-9061.00	Office Clerks, General
53-7011.00	Conveyor Operators and Tenders	51-9111.00	Packaging and Filling Machine Operators and Tenders
51-9193.00	Cooling and Freezing Equipment Operators and Tenders	53-7064.00	Packers and Packagers, Hand
43-4041.01	Credit Authorizers	51-9123.00	Painting, Coating, and Decorating Workers
43-4041.02	Credit Checkers	51-9194.04	Pantograph Engravers
51-9021.00	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	33-3041.00	Parking Enforcement Workers
51-9031.00	Cutters and Trimmers, Hand	51-4072.02	Plastic Molding and Casting Machine Operators and Tenders
51-9032.04	Cutting and Slicing Machine Operators and Tenders	43-5052.00	Postal Service Mail Carriers
43-2021.01	Directory Assistance Operators	51-4052.00	Pourers and Casters, Metal
53-3031.00	Driver/Sales Workers	51-6021.02	Pressing Machine Operators and Tenders- Textile, Garment, and Related Materials
43-9071.01	Duplicating Machine Operators	51-5023.09	Printing Press Machine Operators and Tenders
51-9194.05	Etchers, Hand	43-3061.00	Procurement Clerks
51-6091.01	Extruding and Forming Machine Operators and Tenders, Synthetic or Glass Fibers	51-9198.02	Production Helpers
51-9041.02	Extruding, Forming, Pressing, and Compacting Machine Operators and Tenders	51-9061.05	Production Inspectors, Testers, Graders, Sorters, Samplers, Weighers
49-9093.00	Fabric Menders, Except Garment	53-4021.02	Railroad Yard Workers
45-4021.00	Fallers	47-4061.00	Rail-Track Laying and Maintenance Equipment Operators
43-4071.00	File Clerks	43-4171.00	Receptionists and Information Clerks
51-3091.00	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	49-9045.00	Refractory Materials Repairers, Except Brickmasons
51-3093.00	Food Cooking Machine Operators and Tenders	53-7081.00	Refuse and Recyclable Material Collectors
53-7062.03	Freight, Stock, and Material Movers, Hand	33-9032.00	Security Guards
51-9051.00	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	51-9141.00	Semiconductor Processors
51-9032.03	Glass Cutting Machine Setters and Set-Up Operators	51-9012.00	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders
45-2041.00	Graders and Sorters, Agricultural Products	51-6031.01	Sewing Machine Operators, Garment
51-9022.00	Grinding and Polishing Workers, Hand	51-6031.02	Sewing Machine Operators, Non-Garment
47-5081.00	Helpers—Extraction Workers	43-5071.00	Shipping, Receiving, and Traffic Clerks
49-9098.00	Helpers—Installation, Maintenance, and Repair Workers	51-6042.00	Shoe Machine Operators and Tenders
47-4051.00	Highway Maintenance Workers	51-4121.04	Solderers
53-7041.00	Hoist and Winch Operators	51-4122.04	Soldering and Brazing Machine Operators and Tenders
53-7051.00	Industrial Truck and Tractor Operators	53-7062.01	Stevedores, Except Equipment Operators
43-4111.00	Interviewers, Except Eligibility and Loan	43-5081.01	Stock Clerks, Sales Floor
51-6011.03	Laundry and Drycleaning Machine Operators and Tenders, Except Pressing	43-2011.00	Switchboard Operators, Including Answering Service
43-4121.00	Library Assistants, Clerical	51-6061.00	Textile Bleaching and Dyeing Machine Operators and Tenders
53-7063.00	Machine Feeders and Offbearers	51-9197.00	Tire Builders
43-9051.02	Mail Clerks, Except Mail Machine Operators and Postal Service	53-3033.00	Truck Drivers, Light or Delivery Services
43-9051.01	Mail Machine Operators, Preparation and Handling	43-5111.00	Weighers, Measurers, Checkers, and Samplers, Recordkeeping
49-9043.00	Maintenance Workers, Machinery	51-4121.01	Welders, Production
51-5023.05	Marking and Identification Printing Machine Setters and Set-Up Operators	51-7042.02	Woodworking Machine Operators and Tenders, Except Sawing

\*\* Indicates that the occupation was assigned to the group based on its second highest work value.  
\*\*\* Indicates that the occupation was assigned to the group based on its third highest work value.

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\*\*\* Indicates that the occupation was assigned to the group based on its third highest work value.

**ACHIEVEMENT**

**ACHIEVEMENT—JOB ZONE 5**

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**SUPPORT**

**SUPPORT—JOB ZONE 1**

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(continued)

*(Extensive Preparation Needed)*

O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
25-1041.00	Agricultural Sciences Teachers, Postsecondary***	25-1043.00	Forestry and Conservation Science Teachers,
29-1061.00	Anesthesiologists**		Postsecondary***
25-1061.00	Anthropology and Archeology Teachers,	25-1191.00	Graduate Teaching Assistants
	Postsecondary***	21-1091.00	Health Educators**
25-1062.00	Area, Ethnic, and Cultural Studies Teachers,	25-1071.00	Health Specialties Teachers, Postsecondary***
	Postsecondary***	25-1125.00	History Teachers, Postsecondary***
25-1121.00	Art, Drama, and Music Teachers, Postsecondary***	29-1063.00	Internists, General***
29-9091.00	Athletic Trainers	25-1072.00	Nursing Instructors and Teachers,
25-1042.00	Biological Science Teachers, Postsecondary***		Postsecondary***
25-1052.00	Chemistry Teachers, Postsecondary***	29-1064.00	Obstetricians and Gynecologists***
29-1021.00	Dentists, General***	29-1022.00	Oral and Maxillofacial Surgeons***
25-1063.00	Economics Teachers, Postsecondary***	29-1023.00	Orthodontists***
25-1123.00	English Language and Literature Teachers,	29-1065.00	Pediatricians, General***
	Postsecondary***	25-1054.00	Physics Teachers, Postsecondary***
29-1062.00	Family and General Practitioners***	25-1065.00	Political Science Teachers, Postsecondary***
25-1124.00	Foreign Language and Literature Teachers,	25-1066.00	Psychology Teachers, Postsecondary***
	Postsecondary***	25-1067.00	Sociology Teachers, Postsecondary***

*(Little or No Preparation Needed)*

<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>
39-5092.00	Manicurists and Pedicurists**
41-9041.00	Telemarketers***
53-3032.01	Truck Drivers, Heavy***

*(Some Preparation Needed)*

O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
45-2091.00	Agricultural Equipment Operators**	41-4011.01	Sales Representatives, Agricultural**
49-3091.00	Bicycle Repairers**	41-4011.03	Sales Representatives, Electrical/Electronic**
27-1023.00	Floral Designers**	41-4011.04	Sales Representatives, Mechanical Equipment and Supplies**
33-2022.00	Forest Fire Inspectors and Prevention Specialists**	41-4012.00	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products
51-7021.00	Furniture Finishers**	27-2042.01	Singers**
45-3021.00	Hunters and Trappers	33-3052.00	Transit and Railroad Police**
39-5091.00	Makeup Artists, Theatrical and Performance***	41-3041.00	Travel Agents**
53-5022.00	Motorboat Operators	39-6022.00	Travel Guides**
33-9021.00	Private Detectives and Investigators**		
27-3011.00	Radio and Television Announcers**		
53-6051.04	Railroad Inspectors***		
41-9022.00	Real Estate Sales Agents		

(Medium Preparation Needed)

O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
13-1011.00	Agents and Business Managers of Artists, Performers, and Athletes	35-1012.00	First-Line Supervisors/Managers of Food Preparation and Serving Workers
45-2021.00	Animal Breeders	53-1021.00	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand
39-2011.00	Animal Trainers	41-1012.00	First-Line Supervisors/Managers of Non-Retail Sales Workers
15-1051.00	Computer Systems Analysts	39-1021.00	First-Line Supervisors/Managers of Personal Service Workers
47-4011.00	Construction and Building Inspectors	51-1011.00	First-Line Supervisors/Managers of Production and Operating Workers
51-9194.03	Etchers	41-1011.00	First-Line Supervisors/Managers of Retail Sales Workers
11-9012.00	Farmers and Ranchers	53-1031.00	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators
45-1011.01	First-Line Supervisors and Manager/Supervisors - Agricultural Crop Workers	33-3031.00	Fish and Game Wardens
45-1011.03	First-Line Supervisors and Manager/Supervisors - Animal Care Workers, Except Livestock	39-9031.00	Fitness Trainers and Aerobics Instructors
45-1011.02	First-Line Supervisors and Manager/Supervisors - Animal Husbandry Workers	11-9071.00	Gaming Managers
47-1011.02	First-Line Supervisors and Manager/Supervisors- Extractive Workers	39-1011.00	Gaming Supervisors
45-1011.06	First-Line Supervisors and Manager/Supervisors - Fishery Workers	37-1011.02	Janitorial Supervisors
45-1011.04	First-Line Supervisors and Manager/Supervisors - Horticultural Workers	11-9081.00	Lodging Managers
37-1012.02	First-Line Supervisors and Manager/Supervisors - Landscaping Workers	51-5022.07	Platemakers
43-1011.02	First-Line Supervisors, Administrative Support	41-3031.02	Sales Agents, Financial Services
43-1011.01	First-Line Supervisors, Customer Service		

**RELATIONSHIPS**

**RELATIONSHIPS—JOB ZONE 5**

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**INDEPENDENCE**

**INDEPENDENCE—JOB ZONE 1**

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**INDEPENDENCE—JOB ZONE 2**

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**INDEPENDENCE—JOB ZONE 3**

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O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
41-4011.06	Sales Representatives, Instruments	27-2012.04	Talent Directors
41-4011.05	Sales Representatives, Medical	51-6093.00	Upholsterers
51-9071.02	Silversmiths	13-1022.00	Wholesale and Retail Buyers, Except Farm Products
19-3041.00	Sociologists		

(Considerable Preparation Needed)

O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
11-3011.00	Administrative Services Managers	11-1011.01	Government Service Executives
11-9011.02	Agricultural Crop Farm Managers	19-3093.00	Historians
19-3091.01	Anthropologists	17-2112.00	Industrial Engineers
13-2021.02	Appraisers, Real Estate	11-3051.00	Industrial Production Managers
19-3091.02	Archeologists	17-2111.01	Industrial Safety and Health Engineers
51-5022.04	Camera Operators	25-2012.00	Kindergarten Teachers, Except Special Education
35-1011.00	Chefs and Head Cooks	37-1012.01	Lawn Service Managers
19-3031.02	Clinical Psychologists	19-2032.00	Materials Scientists
15-1071.01	Computer Security Specialists	17-2141.00	Mechanical Engineers
11-9021.00	Construction Managers	11-9111.00	Medical and Health Services Managers
27-3043.04	Copy Writers	13-1121.00	Meeting and Convention Planners
13-1041.06	Coroners	17-2151.00	Mining and Geological Engineers, Including Mining Safety Engineers
39-3092.00	Costume Attendants	11-9011.01	Nursery and Greenhouse Managers
25-4012.00	Curators	15-2031.00	Operations Research Analysts
51-6052.02	Custom Tailors	19-1031.03	Park Naturalists
15-1061.00	Database Administrators	51-9195.05	Potters
27-2012.02	Directors- Stage, Motion Pictures, Television, and Radio	25-2011.00	Preschool Teachers, Except Special Education
27-4032.00	Film and Video Editors	27-2012.01	Producers
17-2111.02	Fire-Prevention and Protection Engineers	11-9141.00	Property, Real Estate, and Community Association Managers
45-1011.05	First-Line Supervisors and Manager/Supervisors - Logging Workers	13-1021.00	Purchasing Agents and Buyers, Farm Products
47-1011.01	First-Line Supervisors and Manager/Supervisors- Construction Trades Workers	41-3031.01	Sales Agents, Securities and Commodities
49-1011.00	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	11-2022.00	Sales Managers
11-9011.03	Fish Hatchery Managers	53-5021.01	Ship and Boat Captains
19-1012.00	Food Scientists and Technologists	19-1031.01	Soil Conservationists
11-9051.00	Food Service Managers	11-3071.02	Storage and Distribution Managers
19-1032.00	Foresters	51-5022.06	Strippers
11-9061.00	Funeral Directors	27-2012.05	Technical Directors/Managers
19-3092.00	Geographers	13-1073.00	Training and Development Specialists
		11-3071.01	Transportation Managers

(continued)

(Medium Preparation Needed)

O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
51-3011.01	Bakers, Bread and Pastry	29-2061.00	Licensed Practical and Licensed Vocational Nurses
39-5011.00	Barbers	31-9092.00	Medical Assistants
51-3021.00	Butchers and Meat Cutters	29-2071.00	Medical Records and Health Information Technicians
29-2031.00	Cardiovascular Technologists and Technicians	13-2052.00	Personal Financial Advisors
47-2051.00	Cement Masons and Concrete Finishers	47-2152.02	Plumbers
35-2014.00	Cooks, Restaurant	29-2053.00	Psychiatric Technicians
31-9091.00	Dental Assistants	39-9032.00	Recreation Workers
29-2021.00	Dental Hygienists	39-9041.00	Residential Advisors
13-1071.01	Employment Interviewers, Private or Public Employment Service	29-1126.00	Respiratory Therapists
47-2042.00	Floor Layers, Except Carpet, Wood, and Hard Tiles	47-2181.00	Roofers
47-2121.00	Glaziers	29-2055.00	Surgical Technologists
39-5012.00	Hairdressers, Hairstylists, and Cosmetologists	25-9041.00	Teacher Assistants
49-9031.01	Home Appliance Installers	47-2053.00	Terrazzo Workers and Finishers
35-9031.00	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	31-9096.00	Veterinary Assistants and Laboratory Animal Caretakers

(Considerable Preparation Needed)

O*NET-SOC#	O*NET-SOC Title	O*NET-SOC#	O*NET-SOC Title
27-4011.00	Audio and Video Equipment Technicians	29-2081.00	Opticians, Dispensing**
29-1121.00	Audiologists**	47-2141.00	Painters, Construction and Maintenance
25-9011.00	Audio-Visual Collections Specialists	29-1123.00	Physical Therapists**
47-2041.00	Carpet Installers	29-1071.00	Physician Assistants**
29-2051.00	Dietetic Technicians	47-2161.00	Plasterers and Stucco Masons
29-1031.00	Dietitians and Nutritionists**	29-1124.00	Radiation Therapists
39-4011.00	Embalmers	29-2034.02	Radiologic Technicians
37-1011.01	Housekeeping Supervisors	29-1125.00	Recreational Therapists
25-4021.00	Librarians	29-1111.00	Registered Nurses**
29-1122.00	Occupational Therapists**	29-1127.00	Speech-Language Pathologists**

**INDEPENDENCE**

**INDEPENDENCE—JOB ZONE 3**

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**INDEPENDENCE—JOB ZONE 4**

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**RELATIONSHIPS**

**RELATIONSHIPS—JOB ZONE 3**

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**RELATIONSHIPS—JOB ZONE 4**

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(continued)

*(Little or No Preparation Needed)*

<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>	<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>
53-3011.00	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	47-3012.00	Helpers—Carpenters
39-3091.00	Amusement and Recreation Attendants	49-9098.00	Helpers—Installation, Maintenance, and Repair Workers
39-6011.00	Baggage Porters and Bellhops	47-3014.00	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons
35-3011.00	Bartenders	31-1011.00	Home Health Aides
39-9011.00	Child Care Workers	37-2011.00	Janitors and Cleaners, Except Maids and Housekeeping Cleaners
53-7061.00	Cleaners of Vehicles and Equipment	37-3011.00	Landscaping and Groundskeeping Workers
35-3021.00	Combined Food Preparation and Serving Workers, Including Fast Food	39-3093.00	Locker Room, Coatroom, and Dressing Room Attendants
35-2015.00	Cooks, Short Order	37-2012.00	Maids and Housekeeping Cleaners
41-2021.00	Counter and Rental Clerks	39-5092.00	Manicurists and Pedicurists
35-3022.00	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	43-9061.00	Office Clerks, General
43-5021.00	Couriers and Messengers	53-6021.00	Parking Lot Attendants
33-9091.00	Crossing Guards	51-6021.03	Pressers, Hand
41-9011.00	Demonstrators and Product Promoters	51-9198.01	Production Laborers
35-9011.00	Dining Room and Cafeteria Attendants and Bartender Helpers	53-6031.00	Service Station Attendants
35-9021.00	Dishwashers	51-6051.00	Sewers, Hand
45-2093.00	Farmworkers, Farm and Ranch Animals	51-6011.01	Spotters, Dry Cleaning
45-3011.00	Fishers and Related Fishing Workers	53-3041.00	Taxi Drivers and Chauffeurs
35-2021.00	Food Preparation Workers	49-3093.00	Tire Repairers and Changers
35-3041.00	Food Servers, Nonrestaurant	39-6021.00	Tour Guides and Escorts
39-4021.00	Funeral Attendants	39-6032.00	Transportation Attendants, Except Flight Attendants and Baggage Porters
45-2092.02	General Farmworkers	39-3031.00	Ushers, Lobby Attendants, and Ticket Takers
47-3011.00	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	35-3031.00	Waiters and Waitresses

<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>
23-1021.00	Administrative Law Judges, Adjudicators, and Hearing Officers
17-2021.00	Agricultural Engineers
19-1011.00	Animal Scientists
23-1022.00	Arbitrators, Mediators, and Conciliators
19-2011.00	Astronomers
19-1021.01	Biochemists
19-1021.02	Biophysicists
27-2032.00	Choreographers
27-2022.00	Coaches and Scouts
27-2041.03	Composers
11-3021.00	Computer and Information Systems Managers
17-2071.00	Electrical Engineers
17-2072.00	Electronics Engineers, Except Computer
11-9041.00	Engineering Managers
13-2051.00	Financial Analysts

*(Extensive Preparation Needed)*

<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>
33-1021.02	Forest Fire Fighting and Prevention Supervisors
19-2043.00	Hydrologists
19-3032.00	Industrial-Organizational Psychologists
25-9031.00	Instructional Coordinators
23-1023.00	Judges, Magistrate Judges, and Magistrates
17-2131.00	Materials Engineers
19-1022.00	Microbiologists
11-9121.00	Natural Sciences Managers
29-9011.00	Occupational Health and Safety Specialists
53-5021.03	Pilots, Ship
19-1013.01	Plant Scientists
19-3094.00	Political Scientists
11-1011.02	Private Sector Executives
27-2012.03	Program Directors
19-1031.02	Range Managers
19-1013.02	Soil Scientists

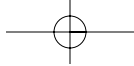
*(Some Preparation Needed)*

<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>	<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>
49-3091.00	Bicycle Repairers	37-3012.00	Pesticide Handlers, Sprayers, and Applicators, Vegetation
35-2011.00	Cooks, Fast Food	29-2052.00	Pharmacy Technicians
35-2012.00	Cooks, Institution and Cafeteria	31-2022.00	Physical Therapist Aides
47-4031.00	Fence Erectors	31-2021.00	Physical Therapist Assistants
39-6031.00	Flight Attendants	47-2072.00	Pile-Driver Operators
47-2043.00	Floor Sanders and Finishers	47-2152.03	Pipelaying Fitters
47-3015.00	Helpers—Pipelayers, Plumbers, Pipefitters, and Steamfitters	51-6021.01	Pressers, Delicate Fabrics
43-4081.00	Hotel, Motel, and Resort Desk Clerks	31-1013.00	Psychiatric Aides
25-4031.00	Library Technicians	47-5051.00	Rock Splitters, Quarry
33-9092.00	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	21-1093.00	Social and Human Service Assistants
39-5091.00	Makeup Artists, Theatrical and Performance	43-3071.00	Tellers
31-1012.00	Nursing Aides, Orderlies, and Attendants	41-3041.00	Travel Agents
31-2012.00	Occupational Therapist Aides	43-4181.01	Travel Clerks
31-2011.00	Occupational Therapist Assistants	39-6022.00	Travel Guides
47-2142.00	Paperhangers	37-3013.00	Tree Trimmers and Pruners
39-9021.00	Personal and Home Care Aides	43-4061.02	Welfare Eligibility Workers and Interviewers

\*\* Indicates that the occupation was assigned to the group based on its second highest work value.  
\*\*\* Indicates that the occupation was assigned to the group based on its third highest work value.

\*\* Indicates that the occupation was assigned to the group based on its second highest work value.  
\*\*\* Indicates that the occupation was assigned to the group based on its third highest work value.





**RELATIONSHIPS**

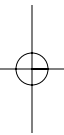
**RELATIONSHIPS—JOB ZONE 1**

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**INDEPENDENCE**

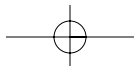
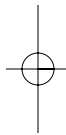
**INDEPENDENCE—JOB ZONE 5**

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**RELATIONSHIPS—JOB ZONE 2**

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*(Little or No Preparation Needed)*

<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>
41-9012.00	Models**

*(Some Preparation Needed)*

<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>	<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>
53-5011.01	Able Seamen***	41-9022.00	Real Estate Sales Agents***
43-5031.00	Police, Fire, and Ambulance Dispatchers***		

*(Medium Preparation Needed)*

<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>	<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>
27-2021.00	Athletes and Sports Competitors***	53-1021.00	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand**
17-3012.01	Electronic Drafters***	41-1012.00	First-Line Supervisors/Managers of Non-Retail Sales Workers**
45-1011.01	First-Line Supervisors and Manager/Supervisors - Agricultural Crop Workers***	51-1011.00	First-Line Supervisors/Managers of Production and Operating Workers***
45-1011.02	First-Line Supervisors and Manager/Supervisors - Animal Husbandry Workers***	41-1011.00	First-Line Supervisors/Managers of Retail Sales Workers**
47-1011.02	First-Line Supervisors and Manager/Supervisors- Extractive Workers***	53-1031.00	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators***
45-1011.06	First-Line Supervisors and Manager/Supervisors - Fishery Workers***	33-3031.00	Fish and Game Wardens***
45-1011.04	First-Line Supervisors and Manager/Supervisors - Horticultural Workers***	19-4041.02	Geological Sample Test Technicians***
37-1012.02	First-Line Supervisors and Manager/Supervisors - Landscaping Workers***	53-5021.02	Mates- Ship, Boat, and Barge
43-1011.02	First-Line Supervisors, Administrative Support***	27-2012.04	Talent Directors***
43-1011.01	First-Line Supervisors, Customer Service***	27-2023.00	Umpires, Referees, and Other Sports Officials***

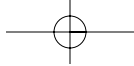
*(Considerable Preparation Needed)*

<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>	<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>
11-3011.00	Administrative Services Managers**	47-1011.01	First-Line Supervisors and Manager/Supervisors- Construction Trades Workers**
53-2011.00	Airline Pilots, Copilots, and Flight Engineers**	49-1011.00	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers**
53-2021.00	Air Traffic Controllers***	33-1012.00	First-Line Supervisors/Managers of Police and Detectives***
27-1011.00	Art Directors***	17-2112.00	Industrial Engineers***
17-2051.00	Civil Engineers***	17-2151.00	Mining and Geological Engineers, Including Mining Safety Engineers***
53-2012.00	Commercial Pilots**	27-2012.01	Producers***
27-2012.02	Directors- Stage, Motion Pictures, Television, and Radio***	41-3031.01	Sales Agents, Securities and Commodities***
11-9032.00	Education Administrators, Elementary and Secondary School**	11-2022.00	Sales Managers**
11-9031.00	Education Administrators, Preschool and Child Care Center/Program**	53-5021.01	Ship and Boat Captains***
13-2061.00	Financial Examiners**	27-2012.05	Technical Directors/Managers***
11-3031.02	Financial Managers, Branch or Department**		

(continued)

*(Extensive Preparation Needed)*

<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>	<i>O*NET-SOC#</i>	<i>O*NET-SOC Title</i>
17-2011.00	Aerospace Engineers***	27-2041.01	Music Directors***
17-2041.00	Chemical Engineers***	17-2171.00	Petroleum Engineers***
27-2032.00	Choreographers***	53-5021.03	Pilots, Ship***
21-2011.00	Clergy***	27-2012.03	Program Directors***
27-2022.00	Coaches and Scouts***	27-1027.01	Set Designers***
11-9033.00	Education Administrators, Postsecondary**	53-5031.00	Ship Engineers***
33-1021.02	Forest Fire Fighting and Prevention Supervisors***	29-1067.00	Surgeons***
25-9031.00	Instructional Coordinators***	11-3031.01	Treasurers, Controllers, and Chief Financial Officers***
17-2121.01	Marine Engineers***		



**RECOGNITION**

**RECOGNITION—JOB ZONE 1**

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**RECOGNITION—JOB ZONE 2**

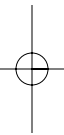
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**RECOGNITION—JOB ZONE 3**

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**RECOGNITION—JOB ZONE 4**

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**RECOGNITION**

**RECOGNITION—JOB ZONE 5**

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