

# Foreword

The ninth edition of the *Career Information Center* mirrors the ongoing changes in the job market caused by new technological and economic developments. These developments continue to change what Americans do in the workplace and how they do it. People have a critical need for up-to-date information to help them make career decisions.

The *Career Information Center* is an individualized resource for people of all ages and at all stages of career development. It has been recognized as an excellent reference for librarians, counselors, educators, and other providers of job information. It is ideally suited for use in libraries, career resource centers, and guidance offices, as well as in adult education centers and other facilities where people seek information about job opportunities, careers, and their own potential in the workforce.

This ninth edition updates many of the features that made the earlier editions so useful.

- A Job Summary Chart, a quick reference guide, appears in the front section of each volume to help readers get the basic facts and compare the jobs described in the volume. High-growth jobs are highlighted and identified with a star.
- Each volume of the *Career Information Center* begins with an overview of the job market in that field. These “Looking Into...” sections have been completely revised and updated. They also include new graphs, charts, and boxes providing information such as industry snapshots and the fastest-growing and top-dollar jobs in the field. The “Global View” feature tells how the new global economy is affecting jobs in the field.
- Each volume has a section called “Getting Into...,” which contains useful information on entering the particular field. It offers self-evaluation tips and decision-making help; and it relates possible job choices to individual interests, abilities, and work characteristics. There is also practical information on job hunting, using the Internet and classified ads, preparing resumes, and handling

interviews. “Getting Into...” also includes a section on employee rights.

- Each volume has a listing of all job profiles in the series and the volumes in which they appear, making access to profiles in other volumes easy.
- *Career Information Center* contains 694 job profiles. Each profile describes work characteristics, education and training requirements, getting the job, advancement and employment outlook, working conditions, and earnings and benefits.
- Job summaries, provided for each job profile, highlight the education or training required, salary range, and employment outlook.
- Volume 13 has been revised to reflect career concerns of the new century and employment trends through the year 2014. This volume includes updated articles on benefits, employment law, health in the workplace, job search strategies, job training, job opportunities at home, and identifying opportunities for retraining.
- More than 530 photographs provide a visual glimpse of life on the job. Photos have been selected to give the reader a sense of what it feels like to be in a specific field or job.
- Updated bibliographies in each volume include recommended readings and Web sites in specific job areas. Additional titles for the vocational counselor are included in Volume 13.
- Each volume also contains a comprehensive directory of accredited occupational education and vocational training facilities listed by occupational area and grouped by state. Directory materials are generated from the IPEDS (Integrated Postsecondary Education Data System) database of the U.S. Department of Education.

The *Career Information Center* recognizes the importance not only of job selection, but also of job holding, coping, and applying life skills. No other career information publication deals with work attitudes so comprehensively.

# Using the Career Information Center

The *Career Information Center* is designed to meet the needs of many people—students, people just entering or reentering the job market, those dissatisfied with present jobs, those without jobs—anyone of any age who is not sure what to do for a living. The *Career Information Center* is for people who want help in making career choices. It combines the comprehensiveness of an encyclopedia with the format and readability of a magazine. Many professionals, including counselors, librarians, and teachers, will find it a useful guidance and reference tool.

The *Career Information Center* is organized by occupational interest area rather than in alphabetical order. Jobs that have something in common are grouped together. In that way people who do not know exactly what job they want can read about a number of related jobs. The *Career Information Center* classifies jobs that have something in common into clusters. The classification system is adapted from the cluster organization used by the U.S. Department of Labor. Each of the first twelve volumes of the *Career Information Center* explores one of twelve occupational clusters.

To use the *Career Information Center*, first select the volume that treats the occupational area that interests you most. Because there are many ways to group occupations, you may not find a particular job in the volume in which you look for it. In that case, check the central listing of all the profiles, which is located in the front of Volumes 1 through 12. This listing provides the names of all profiles and the volume number in which they appear. Volume 13 also includes a comprehensive index of all the jobs covered in the first twelve volumes.

After selecting a volume or volumes, investigate the sections that you feel would be most helpful. It isn't necessary to read these volumes from cover to cover. They are arranged so that you can go directly to the specific information you want. Here is a description of the sections included in each volume.

- **Job Summary Chart**—This chart presents in tabular form the basic data from all profiles in the volume: salary, education and training, employment outlook, and the page on which you can find the job profile. Jobs with a high growth potential are highlighted and starred.
- **Looking Into...**—This overview of the occupational cluster describes the opportunities, characteristics, and trends in that particular field.
- **Getting Into...**—This how-to guide can help you decide what jobs may be most satisfying to you

and what strategies you can use to get the right job. You will learn, for example, how to write an effective resume, how to complete an application form, what to expect in an interview, how to use networking, and what to do if someone has discriminated against you.

- **Job Summary**—These summaries, located at the beginning of each profile, highlight the most important facts about the job: education and training, salary range, and employment outlook.

*Education and Training* indicates whether the job requires no education, high school, college, advanced degree, vocational/technical school, license, or training.

*Salary Range* provides median or average salaries that may vary significantly from region to region.

*Employment Outlook* is based on several factors, including the Bureau of Labor Statistics' projections through the year 2014. The ratings are defined as follows: *poor* means there is a projected employment decrease of any amount; *fair* means there is a projected employment increase of 0 to 8 percent; *good* means there is a projected employment increase of 9 to 17 percent; *very good* means there is a projected employment increase of 18 to 26 percent; and *excellent* means there is a projected employment increase of 27 percent or more. The outlook is then determined by looking at the ratings and other employment factors. For example, a job with excellent projected employment growth in which many more people are entering the field than there are jobs available will have an outlook that is good rather than excellent.

For all categories, the phrase *Varies—see profile* means the reader must consult the profile for the information, which is too extensive to include in the Job Summary.

- **Job Profiles**—The job profiles are divided into three categories based on the level of training required to get the job. Each profile explores the following topics: description of the job being profiled, the education and training requirements, ways to get the job, advancement possibilities and employment outlook, the working conditions, the earnings and benefits, and places to go for more information.

*Job Profiles—No Specialized Training* includes jobs that require no education or previous work experience beyond high school.

*Job Profiles—Some Specialized Training/Experience* includes jobs that require one, two, or three years of

vocational training or college, or work experience beyond high school.

*Job Profiles—Advanced Training/Experience* includes jobs that require a bachelor's degree or advanced degree from a college or university and/or equivalent work experience in that field.

- **Resources—General Career Information** includes a selected bibliography of the most recent books and Web sites on general career information, including how-to books on such topics as resume writing and preparing for tests. In addition, there is a special guide to readings for the career counselor in Volume 13.
- **Resources**—Each volume also contains a bibliography of books and Web sites for specific fields covered in that volume.
- **Directory of Institutions Offering Career Training**—This listing, organized first by career area, then by state, includes the schools that offer occupational training beyond high school. For jobs requiring a bachelor's degree or an advanced degree, check a library for college catalogs and appropriate directories.
- **Index**—This index, which is located at the end of each volume, lists every job mentioned in that volume. It serves not only to cross-reference all the jobs in the volume but also to show related jobs in the field. For example, under the entry OCEANOGR-

RAPHER, you will find chemical oceanographer, marine biologist, and marine geophysicist.

- **Volume 13, Employment Trends and Master Index**—This volume includes several features that will help both the job seeker and the career counselor. A useful guide provides the *DOT (Dictionary of Occupational Titles)* number of most of the job profiles in the *Career Information Center*. There is also a special section on career information for Canada. The updated and revised "Employment Trends" section contains articles on health in the workplace; search strategies for finding your first job; employment trends for women, minorities, immigrants, older workers, and the physically challenged; employment demographics; benefit programs; training; employment opportunities at home; employment law; and identifying opportunities for retraining. The articles provide job seekers and career professionals with an overview of current employment issues, career opportunities, and outlooks. Finally, there is a master index to all the jobs included in all 13 volumes.

The *Career Information Center* is exactly what it says it is—a center of the most useful and pertinent information you need to explore and choose from the wide range of job and career possibilities. The *Career Information Center* provides you with a solid foundation of information for getting a satisfying job or rewarding career.

# Comprehensive Job Profile List

The following list includes job profiles and corresponding volume numbers.

Accountant, Management, 3	Astronomer, 6	Carpenter, 4
Accountant, Public, 3	Athletic Coach, 8	Cartographer, 1
Actor, 2	Athletic Trainer, 8	Cartoonist and Animator, 2
Actuary, 3	Auctioneer, 10	Cashier, 10
Acupuncturist, 7	Audiologist, 7	Caterer, 8
Administrative Assistant, 3	Auditor, 3	Ceiling Tile Installer, 4
Admitting Interviewer, 7	Auto Body Repairer, 12	Cement Mason, 4
Adult Education Worker, 11	Auto Parts Counter Worker, 10	Ceramic Engineer, 6
Advertising Account Executive, 10	Auto Sales Worker, 10	Ceramics Industry, 9
Advertising Copywriter, 2	Automobile Driving Instructor, 12	Chauffeur, 5
Advertising Manager, 10	Automotive Exhaust Emissions Technician, 12	Cheese Industry Worker, 1
Aerospace Engineer, 6	Automotive Industry, 9	Chemical Engineer, 6
Aerospace Engineering and Operations Technician, 6	Automotive Mechanic, 12	Chemical Technician, 6
Aerospace Industry, 9	Avionics Technician, 12	Chemist, 6
Agricultural Engineer, 1		Child Care Worker, Private, 5
Agricultural Inspector, 1	Baker, 1	Chiropractor, 7
Agricultural Technician, 1	Bank Clerk, 3	Choreographer, 2
Agronomist, 1	Bank Officer and Manager, 3	City Manager, 11
AIDS Counselor, 7	Bank Teller, 3	Civil Engineer, 4
Air Pollution Control Technician, 1	Barber and Hairstylist, 5	Civil Engineering Technician, 4
Air Traffic Controller, 12	Bartender, 8	Claims Adjuster, 3
Air-Conditioning Engineer, 6	Bicycle Mechanic, 12	Claims Examiner, 3
Air-Conditioning, Heating, and Refrigeration Mechanic and Installer, 4	Billing Clerk, 3	Clinical Laboratory Technician, 7
Aircraft Dispatcher, 12	Biochemist, 6	Clinical Laboratory Technologist, 7
Aircraft Mechanic, 12	Biological Technician, 6	College Student Personnel Worker, 11
Airline Baggage and Freight Handler, 12	Biologist, 6	College/University Administrator, 3
Airline Flight Attendant, 12	Biomedical Engineer, 6	Companion, 5
Airline Reservations Agent, 12	Biomedical Equipment Technician, 7	Comparison Shopper, 10
Airline Ticket Agent, 12	Boilermaker, 9	Compensation and Benefits Analyst, 3
Airplane Pilot, 12	Bookbinder, 2	Composer, 2
Airport Manager, 12	Bookkeeper, 3	Computer and Information Systems Manager, 3
Airport Utility Worker, 12	Border Patrol Agent, 11	Computer and Office Machine Repairer, 3
Alternative Fuels Vehicle Technician, 6	Botanist, 6	Computer Consultant, 3
Aluminum and Copper Industries, 9	Bricklayer, 4	Computer Control Operator, 9
Ambulance Driver, 7	Bridge and Lock Tender, 12	Computer Control Programmer, 9
Amusement and Recreation Attendant, 8	Broadcast News Analyst, 2	Computer Database Administrator, 3
Anatomist, 6	Broadcast Technician, 2	Computer Network Technician, 3
Anesthesiologist, 7	Brokerage Clerk, 3	Computer Operator, 3
Animal Caretaker, 8	Building Custodian, 11	Computer Programmer, 3
Animal Scientist, 1	Building Inspector, 4	Computer Security Specialist, 3
Animal Trainer, 1	Bulldozer, Grader, or Paving Machine Operator, 4	Computer Software Documentation Writer, 3
Announcer, 2	Business Family and Consumer Scientist, 5	Computer Software Engineer, 3
Anthropologist, 6	Business Machine Operator, 3	Computer Support Specialist, 3
Apparel Industry, 9		Computer Systems Analyst, 3
Apparel Workers, 9	Cable Television and Telecommunications Technician, 6	Conservation Scientist, 1
Appliance Service Worker, 5	Cable Television Engineer, 6	Construction Electrician, 4
Appraiser, 5	Cafeteria Attendant, 8	Construction Equipment Dealer, 4
Architect, 4	Camera Operator, 2	Construction Equipment Mechanic, 4
Architectural Drafter, 4	Candy Manufacturing Worker, 1	Construction Laborer, 4
Architectural Model Maker, 4	Car Rental or Leasing Agent, 12	Construction Millwright, 4
Armed Services Career, 11	Car Wash Worker, 12	Construction Supervisor, 4
Art Director, 2	Cardiac Monitor Technician, 7	Consumer Advocate, 5
Artificial Intelligence Specialist, 6	Cardiac Perfusionist, 7	Consumer Credit Counselor, 5
Artist, 2	Cardiology Technologist, 7	Controller, 3
Assembler and Fabricator, 9		Cook and Chef, 8
		Corporate Travel Manager, 8

Correctional Officer, 11  
 Correspondence Clerk, 3  
 Cosmetologist, 5  
 Cost Estimator, 4  
 Costume Attendant, 2  
 Court Clerk, 11  
 Court Reporter, 11  
 Craftsperson, 2  
 Crane Operator, 4  
 Credit Authorizer, Checker, and Clerk, 3  
 Credit Collector, 3  
 Credit Manager, 3  
 Crime Laboratory Technician, 11  
 Criminologist, 11  
 Crop Scientist, 1  
 Custom Tailor and Dressmaker, 5  
 Custom Upholsterer, 5  
 Customer Service Representative, 3  
 Customs Worker, 11

Dairy Industry Worker, 1  
 Dancer, 2  
 Data Entry Keyer, 3  
 Day Care Worker, 11  
 Demographer, 6  
 Demolition Worker, 4  
 Dental and Medical Secretary, 7  
 Dental Assistant, 7  
 Dental Hygienist, 7  
 Dental Laboratory Technician, 7  
 Dentist, 7  
 Dermatologist, 7  
 Desktop Publisher, 2  
 Detective, 11  
 Dialysis Technician, 7  
 Diesel Mechanic, 12  
 Dietetic Technician, 5  
 Dietitian and Nutritionist, 5  
 Dining Room Attendant, 8  
 Direct Sales Worker, 10  
 Director, 2  
 Dishwasher, 8  
 Dispensing Optician, 7  
 Distribution Manager, 10  
 Diver, 1  
 Divorce Mediator, 5  
 Dockworker, 12  
 Doorkeeper, 8  
 Drafter, 9  
 Dry Cleaning Worker, 5  
 Drywall Installer and Taper, 4

E-commerce Marketing Manager, 10  
 Economist, 6  
 Editor, Book, 2  
 Editor, Copy, 2  
 Editor, Magazine, 2  
 Editor, Newspaper, 2  
 Electric Power Service Worker, 11  
 Electric Power Transmission and  
 Distribution Worker, 11  
 Electrical and Electronics Engineer, 6  
 Electrical and Electronics Engineering  
 Technician, 6

Electrical and Electronics Installers and  
 Repairer, 6  
 Electrologist, 5  
 Electromechanical Engineering  
 Technician, 6  
 Electroneurodiagnostic Technologist, 7  
 Electronic Home Entertainment  
 Equipment Installer and Repairer, 6  
 Electronics Industry, 9  
 Elevator Installer and Repair Worker, 4  
 Embalmer, 5  
 Emergency Medical Technician/  
 Paramedic, 7  
 Employee Benefits Manager, 3  
 Employment Counselor, 3  
 Employment Interviewer, 3  
 Entomologist, 6  
 Environmental Engineer, 1  
 Environmental Engineering  
 Technician, 1  
 Environmental Health Specialist, 7  
 Environmental Science and Protection  
 Technician, 1  
 Environmental Scientist, 1  
 Epidemiologist, 7  
 Ergonomist, 6  
 Executive Search Recruiter, 3  
 Expediter, 4

Family and Consumer Science  
 Researcher, 5  
 Family and Consumer Science Teacher, 5  
 Farm Equipment Mechanic, 1  
 Farm Laborer, 1  
 Farm Manager, 1  
 Farmer, Cotton, Tobacco, and Peanut, 1  
 Farmer, Dairy, 1  
 Farmer, Fruit, 1  
 Farmer, Grain, 1  
 Farmer, Livestock, 1  
 Farmer, Poultry, 1  
 Farmer, Vegetable, 1  
 Fashion Designer, 2  
 Fast Food Franchise Worker, 8  
 FBI Special Agent, 11  
 Federal Government Worker, 11  
 Fiction Writer, 2  
 File Clerk, 3  
 Film and Video Editor, 2  
 Financial Analyst, 3  
 Financial Planner, 3  
 Fire Protection Engineer, 6  
 Firefighter, 11  
 First-Line Supervisor, 9  
 Fish Hatchery Manager, 1  
 Fisher, 1  
 Fitness Trainer and Aerobics Instructor, 8  
 Fleet Manager, 12  
 Flight Engineer, 12  
 Flight Instructor, 12  
 Floor Covering Installer, 4  
 Floor Sander and Finisher, 4  
 Floral Designer, 5  
 Food Broker, 10

Food Canning and Freezing Worker, 1  
 Food Processing Technician, 1  
 Food Science Technician, 1  
 Food Scientist, 1  
 Foreign Service Worker, 11  
 Forensic Scientist, 6  
 Forester, 1  
 Forestry Technician, 1  
 Foundry Industry, 9  
 Fund-Raiser, 11  
 Funeral Director, 5  
 Furniture Industry, 9

Gaming Cage Worker, 8  
 Gaming Dealer, 8  
 Gaming Surveillance Officer, 8  
 Garage Door Mechanic, 4  
 Gardener and Groundskeeper, 5  
 Gas Station Cashier, 12  
 General Contractor, 4  
 General Manager, 3  
 Genetic Engineering Research  
 Assistant, 6  
 Genetic Engineering Research  
 Scientist, 6  
 Geographer, 1  
 Geological and Petroleum Technician, 1  
 Geophysicist, 1  
 Geriatric Aide, 11  
 Geriatric Social Worker, 7  
 Geriatrician, 7  
 Glass Industry, 9  
 Glazier, 4  
 Government Inspector and Examiner, 11  
 Gunsmith, 9

Hazardous Waste Management  
 Technician, 1  
 Health and Safety Engineer, 1  
 Health Educator, 7  
 Highway Engineer, 4  
 Highway Inspector, 4  
 Highway Maintenance Worker, 11  
 Historian, 6  
 Home Caterer, 5  
 Home Health Aide, 7  
 Home Security Consultant, 5  
 Homemaker, 5  
 Hospitality Cashier, 8  
 Hotel Bellhop and Porter, 8  
 Hotel Housekeeper, 8  
 Hotel, Casino, and Resort Concierge, 8  
 Hotel, Motel, and Resort Desk Clerk, 8  
 Housekeeper, Domestic, 5  
 Human Resources Assistant, 3  
 Human Resources Manager, 3  
 Hydraulic and Pneumatic Technician, 6  
 Hydrologist, 1

Illustrator and Graphic Designer, 2  
 Import and Export Worker, 10  
 Industrial Chemical Industry, 9  
 Industrial Designer, 9  
 Industrial Engineer, 9

Industrial Hygienist, 6  
 Industrial Machinery Maintenance Worker, 9  
 Industrial Production Manager, 9  
 Industrial Traffic Manager, 12  
 Industrial Truck Operator, 12  
 Inspector and Tester, 9  
 Institutional Child Care Worker, 11  
 Institutional Housekeeper, 11  
 Instructional Designer, 2  
 Insulation Worker, 4  
 Insurance Agent and Broker, 10  
 Insurance Underwriter, 3  
 Intercity Bus Driver, 12  
 Interior Designer, 5  
 Internal Revenue Service Worker, 11  
 Internet Entrepreneur, 3  
 Interviewer, 3  
 Investment Banker, 3  
  
 Jeweler, 5  
 Judge, 11  
  
 Labor Relations Specialist, 9  
 Laboratory Animal Care Worker, 7  
 Landscape Architect, 4  
 Lather, 4  
 Laundry Worker, 5  
 Lawyer, 11  
 Lawyer, Corporate, 11  
 Lawyer, Public Service, 11  
 Leather and Shoe Industries, 9  
 Legal Assistant, Corporate, 11  
 Librarian, Public, 11  
 Librarian, School, 11  
 Librarian, Special, 11  
 Licensed Practical Nurse, 7  
 Lifeguard, 8  
 Lighting Technician, 2  
 Linguist, 6  
 Literary or Theatrical Agent, 2  
 Lithographic Worker, 2  
 Local Transit Operator, 12  
 Local Truck Driver, 12  
 Locksmith, 5  
 Lodging Manager, 8  
 Logger, 1  
 Long-Haul Truck Driver, 12  
 Lumber Mill Worker, 1  
  
 Machine Operator and Tender, 9  
 Machine Setter, 9  
 Machinist, 9  
 Mail Clerk, 3  
 Mail Service Worker, 3  
 Maintenance Electrician, 4  
 Makeup Artist, 2  
 Manufactured Home Assembler, 4  
 Manufacturers' Sales Worker, 10  
 Marble, Tile, and Terrazzo Worker, 4  
 Marine Engineer, 1  
 Marine Technician, 12  
 Marketing Director, 10  
 Marketing Research Worker, 10  
 Marriage and Family Counselor, 11  
  
 Massage Therapist, 5  
 Mathematician, 6  
 Meat Packing Worker, 1  
 Mechanical Engineer, 6  
 Mechanical Engineering Technician, 6  
 Media Buyer, 10  
 Medical and Health Services Manager, 7  
 Medical Assistant, 7  
 Medical Illustrator, 7  
 Medical Physicist, 7  
 Medical Records and Health Information Technician, 7  
 Meeting and Convention Planner, 8  
 Meeting Planner, 3  
 Merchandise Displayer and Window Trimmer, 2  
 Merchant Marine Captain, 12  
 Merchant Marine Engineer, 12  
 Merchant Marine Purser, 12  
 Merchant Marine Radio Officer, 12  
 Merchant Marine Steward and Cook, 12  
 Messenger Service Worker, 3  
 Metallurgical Engineer, 6  
 Metallurgical Technician, 6  
 Meteorologist, 1  
 Microbiologist, 6  
 Microwave Engineer, 6  
 Miner, Coal, 1  
 Miner, Metal, 1  
 Mining Engineer, 1  
 Mining Technician, 1  
 Model, 2  
 Motion Picture Projectionist, 8  
 Motorboat Mechanic, 12  
 Motorcycle Mechanic, 12  
 Mover, 12  
 Multimedia Developer, 2  
 Museum Conservator, 8  
 Museum Curator, 8  
 Music Teacher, 2  
 Music Video Producer, 2  
 Musician, 2  
  
 Nanny, 5  
 Natural Science Manager, 1  
 Naval Architect, 1  
 Network Administrator, 3  
 News Reporter and Correspondent, 2  
 Nuclear Engineer, 6  
 Nuclear Medicine Technologist, 7  
 Nuclear Technician, 6  
 Nursery Worker, 1  
 Nursery/Greenhouse Manager, 1  
 Nursing Aide and Orderly, 7  
  
 Occupational Health and Safety Specialist, 1  
 Occupational Therapist Assistant, 7  
 Occupational Therapist, 7  
 Oceanographer, 1  
 Office Clerk, 3  
 Office Machine and Computer Industry, 9  
 Office Manager, 3  
 Office Planner, 3  
 Operations Research Analyst, 3  
  
 Ophthalmic Laboratory Technician, 7  
 Ophthalmologist, 7  
 Optometric Assistant, 7  
 Optometrist, 7  
 Organizational Developer, 3  
 Orthoptist, 7  
 Osteopathic Physician, 7  
 Outdoor Guide, 8  
 Outplacement Consultant, 3  
  
 Paint, Varnish, and Lacquer Industry, 9  
 Painter and Paperhanger, 4  
 Painting and Coating Worker, 9  
 Paper Industry, 9  
 Paralegal Aide, 11  
 Park Naturalist, 1  
 Park Ranger, 8  
 Parking Analyst, 12  
 Parking Attendant, 12  
 Parking Cashier, 12  
 Parole Officer, 11  
 Party Planner, 8  
 Pastry Chef and Baker, 8  
 Pathologist, 6  
 Payroll Clerk, 3  
 Personal Exercise Trainer, 5  
 Personal Service Worker, 5  
 Personal Shopper, 5  
 Pest Control Worker, 5  
 Pesticide Handler, Sprayer, and Applicator, Vegetation, 1  
 Pet Care Worker, 5  
 Petroleum and Natural Gas Exploration and Production Worker, 1  
 Petroleum Engineer, 1  
 Petroleum Refining Industry, 9  
 Pharmaceutical Industry, 9  
 Pharmaceutical Sales Representative, 7  
 Pharmaceutical Technician, 6  
 Pharmacist, 7  
 Pharmacologist, 7  
 Photo Researcher, 2  
 Photographer, 2  
 Photographic Processing Machine Operator, 2  
 Photonics Engineer, 6  
 Photonics Technician, 6  
 Physical Therapist Assistant, 7  
 Physical Therapist, 7  
 Physician Assistant, 7  
 Physician, 7  
 Physicist, 6  
 Piano and Organ Tuner and Technician, 5  
 Pile-Driver Operator, 4  
 Plasterer and Stucco Mason, 4  
 Plastics Industry, 9  
 Plumber and Pipe Fitter, 4  
 Podiatrist, 7  
 Police Officer, 11  
 Political Consultant, 11  
 Political Scientist, 6  
 Postal Service Worker, 11  
 Power Plant Worker, 11  
 Power Tool Repairer, 4  
 Prepress Worker, 2

Printing Machine Operator, 2  
 Probation Officer, 11  
 Producer, 2  
 Product Manager, 10  
 Professional Athlete, 8  
 Professional Organizer, 5  
 Proofreader, 2  
 Property, Real Estate, and Community Association Manager, 8  
 Prosthetist and Orthotist, 7  
 Psychiatric Aide, 7  
 Psychiatrist, 7  
 Psychologist, 7  
 Public Relations Manager, 2  
 Public Relations Specialist, 2  
 Purchasing Agent, 10  
  
 Quality Control Manager, 9  
  
 Radiologic Technologist, 7  
 Railroad Clerk, 12  
 Railroad Conductor, 12  
 Railroad Engineer, 12  
 Railroad Maintenance Worker, 12  
 Railroad Signal or Switch Operator, 12  
 Railroad Track Worker, 12  
 Real Estate Appraiser, 10  
 Real Estate Developer, 4  
 Real Estate Sales Agent and Broker, 10  
 Receiving, Shipping, and Traffic Clerk, 10  
 Receptionist, 3  
 Recreation Worker, 8  
 Recreational Therapist, 7  
 Recruiter, 3  
 Recycling and Reclamation Worker, 1  
 Refuse Worker, 11  
 Registered Nurse, 7  
 Rehabilitation Counselor, 11  
 Reinforcing Ironworker, 4  
 Religious Vocation, 11  
 Rental Clerk, 10  
 Respiratory Therapist, 7  
 Restaurant Host or Hostess, 8  
 Restaurant Manager, 8  
 Resume Writer, 3  
 Retail Butcher, 10  
 Retail Buyer, 10  
 Retail Store Sales Worker Supervisor, 10  
 Retail Store Sales Worker, 10  
 Rigger, 4  
 Robotics Engineer, 6  
 Robotics Technician, 6  
 Roofer, 4  
 Route Delivery Driver, 12  
 Rubber Industry, 9  
 Rug and Carpet Cleaner, 5  
  
 Safety Engineer, 6  
 Sailor, 12  
 Sales Demonstrator and Product Promoter, 10  
 Sales Engineer, 10  
 Sales Manager, 10  
  
 School Administrator, 11  
 School Bus Driver, 12  
 School Counselor, 11  
 School Media Specialist, 11  
 Scriptwriter, 2  
 Secretary, 3  
 Securities Broker, 3  
 Security Guard, 11  
 Semiconductor Processor, 6  
 Septic Tank Installer and Servicer, 4  
 Service Station Attendant, 12  
 Set and Exhibit Designer, 2  
 Sheet Metal Worker, 4  
 Shipbuilding Industry, 9  
 Shoe Repairer, 5  
 Short-Order Cook, 8  
 Sign Language and Oral Interpreter, 2  
 Singer, 2  
 Small Animal Breeder, 1  
 Small Business Owner, 10  
 Social Worker, 11  
 Sociologist, 6  
 Software Quality Assurance Technician and Analyst, 3  
 Software Trainer, 3  
 Soil Scientist, 1  
 Solar Energy Technician, 4  
 Sound Engineering Technician, 2  
 Special Service Bus Driver, 12  
 Specification Writer, 4  
 Speech-Language Pathologist, 7  
 Sports Instructor, 8  
 Sports Management Professional, 10  
 Stagehand, 2  
 State Police Officer, 11  
 Stationary Engineer and Boiler Operator, 9  
 Statistical Assistant, 3  
 Statistician, 3  
 Steel Industry, 9  
 Stock Clerk, 10  
 Stonemason, 4  
 Store Manager, 10  
 Structural Clay Products Industry, 9  
 Structural Steelworker, 4  
 Substance Abuse Counselor, 7  
 Supermarket Worker, 10  
 Surgeon, 7  
 Surgical Technologist, 7  
 Surveying Technician, 4  
 Surveyor, 4  
 Swimming Instructor and Coach, 8  
 Swimming Pool Servicer, 5  
 Systems Engineer, 6  
  
 Tax Preparer, 3  
 Taxi Dispatcher, 12  
 Taxi Driver, 12  
 Teacher Assistant, 11  
 Teacher, College, 11  
 Teacher, Preschool, Kindergarten, and Elementary, 11  
 Teacher, Secondary School, 11  
  
 Teacher, Vocational Education, 11  
 Technical Writer, 2  
 Telecommunications Central Office Technician, 6  
 Telecommunications Consultant, 6  
 Telecommunications Design Engineer, 6  
 Telemarketer, 10  
 Telephone Operator, 3  
 Telephone Service Representative, 3  
 Telephone Service Technician, 6  
 Textile Industry, 9  
 Ticket Taker, 8  
 Tire Changer and Repairer, 12  
 Title Examiner, 10  
 Tobacco Industry Worker, 1  
 Tool and Die Maker, 9  
 Tour Escort, 8  
 Tow Truck Dispatcher, 12  
 Tow Truck Operator, 12  
 Trade Show Manager, 10  
 Traffic Engineer, 12  
 Traffic Technician, 12  
 Training and Development Specialist, 3  
 Translator or Interpreter, 2  
 Transportation Engineer, 12  
 Transportation Inspectors, 12  
 Travel Agent, Retail and Wholesale, 8  
 Truck and Bus Dispatcher, 12  
 Truck Terminal Manager, 12  
  
 Umpire and Referee, 8  
 Union Business Agent, 3  
 Urban and Regional Planner, 11  
 Usability Researcher, 2  
 Usher, 8  
  
 Vending Machine Servicer and Repairer, 10  
 Veterinarian, 1  
 Veterinary Technician, 1  
 Vocational Counselor, 11  
  
 Waiter, 8  
 Ward Clerk, 7  
 Warehouse Worker, 10  
 Wastewater Treatment Plant Operator, 1  
 Watch Repairer, 5  
 Water Treatment Plant and System Operator, 1  
 Water Well Driller, 4  
 Web Designer, 2  
 Webmaster, 2  
 Wedding Consultant, 5  
 Welder, 4  
 Wholesale Sales Worker, 10  
 Window Cleaner, 5  
 Wireless Communications Technician, 6  
 Word Processor, 3  
  
 Youth Organization Worker, 11  
  
 Zookeeper, 8  
 Zoologist, 6